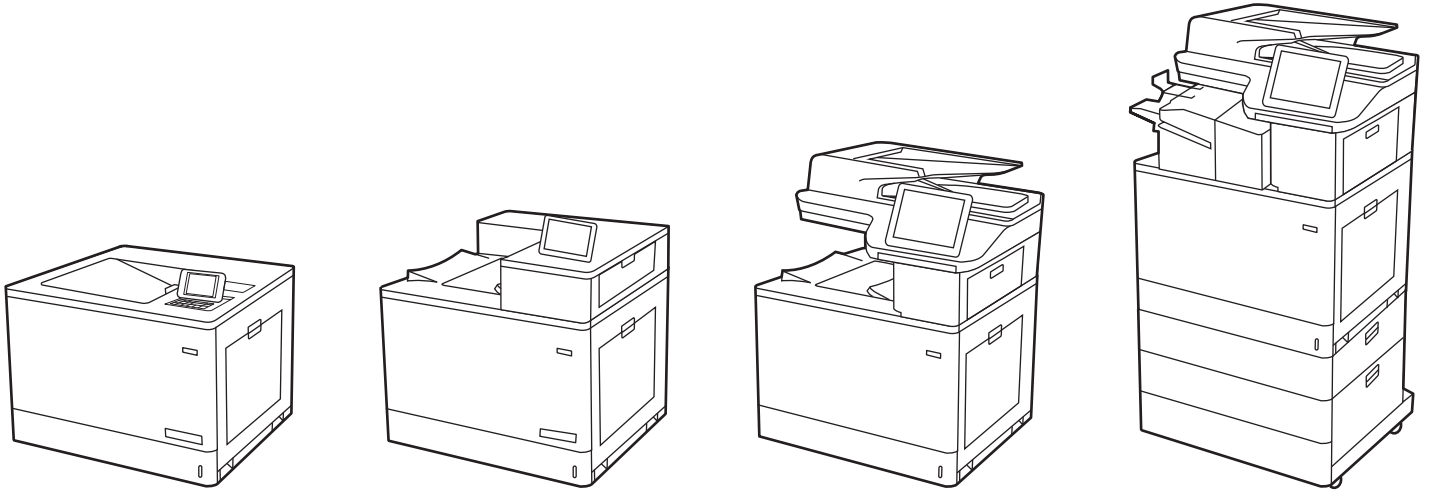




HP Color LaserJet Enterprise M751, M856  
HP Color LaserJet Managed E75245, E85055  
HP Color LaserJet Enterprise MFP M776

## Service Manual: Repair



[www.hp.com/videos/LaserJet](http://www.hp.com/videos/LaserJet)  
[www.hp.com/support/colorljM751](http://www.hp.com/support/colorljM751)  
[www.hp.com/support/colorljM776MFP](http://www.hp.com/support/colorljM776MFP)

[www.hp.com/support/colorljM856](http://www.hp.com/support/colorljM856)  
[www.hp.com/support/colorljE75245](http://www.hp.com/support/colorljE75245)  
[www.hp.com/support/colorljE85055](http://www.hp.com/support/colorljE85055)





HP Color LaserJet Enterprise M751, M856,  
Managed E75245, E85055, and Enterprise  
MFP M776 - Service Manual: Repair

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Edition 4, 11/2019

## Revision history

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**Table -1 Revision history**

Revision number	Revision date	Revision notes
2	11/2019	<p>Added repair topics for the M856/E85055/M776 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Control panel (M776) on page 88</a></li> <li>• <a href="#">Removal and replacement: Document feeder reflector (M776) on page 100</a></li> <li>• <a href="#">Removal and replacement: Control panel (M856/E85055) on page 83</a></li> <li>• <a href="#">Removal and replacement: Top cover (M856/E85055) on page 158</a></li> <li>• <a href="#">Removal and replacement: Accessory upper cover (M856/E85055/M776dn/M776z) on page 163</a></li> <li>• <a href="#">Removal and replacement: Left upper front and rear covers (M751/E75245/M856/E85055/M776) on page 168</a></li> <li>• <a href="#">Removal and replacement: Reverse tray (M856/E85055/M776dn/M776z) on page 172</a></li> <li>• <a href="#">Removal and replacement: Document feeder (M776) on page 199</a></li> </ul>
2	11/2019	<p>Added repair topics for the M856/E85055/M776 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Image scanner (M776) on page 204</a></li> <li>• <a href="#">Removal and replacement: Right upper cover (M776zs) on page 214</a></li> <li>• <a href="#">Removal and replacement: Right upper door (M776zs) on page 218</a></li> <li>• <a href="#">Removal and replacement: Right rear upper cover (M776zs) on page 231</a></li> <li>• <a href="#">Removal and replacement: Rear upper cover (M776zs) on page 235</a></li> <li>• <a href="#">Removal and replacement: Main cover (M776zs) on page 239</a></li> <li>• <a href="#">Removal and replacement: Front cover (M776zs) on page 243</a></li> <li>• </li> </ul>

Table -1 Revision history (continued)

Revision number	Revision date	Revision notes
2	11/2019	<p>Added repair topics for the M856/E85055/M776 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Right front cover (M776zs) on page 245</a></li> <li>• <a href="#">Removal and replacement: Delivery front cover (M776zs) on page 255</a></li> <li>• <a href="#">Removal and replacement: Delivery cover (M776zs) on page 266</a></li> <li>• <a href="#">Removal and replacement: Delivery rear cover (M776zs) on page 281</a></li> <li>• <a href="#">Removal and replacement: Keyboard (M776z/M776zs) on page 305</a></li> <li>• <a href="#">Removal and replacement: Scanner control board (M776) on page 311</a></li> <li>• <a href="#">Removal and replacement: Wireless PCA (M856/E85055) on page 315</a></li> <li>• <a href="#">Removal and replacement: Wireless PCA (M776) on page 322</a></li> </ul>
2	11/2019	<p>Added repair topics for the M856/E85055/M776 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Communication PCA (M776) on page 325</a></li> <li>• <a href="#">Removal and replacement: Duplexing controller PCA (M856/E85055/M776) on page 330</a></li> <li>• <a href="#">Removal and replacement: Low-voltage power supply fan (M856/E85055/M776) on page 1248</a></li> <li>• <a href="#">Removal and replacement: Low-voltage power supply (LVPS) (M856/E85055/M776) on page 977</a></li> <li>• <a href="#">Removal and replacement: Delivery assembly (M856/E85055) on page 354</a></li> <li>• <a href="#">Removal and replacement: Toggle front assembly (M856/E85055/M776dn/M776z) on page 406</a></li> <li>• <a href="#">Removal and replacement: Toggle rear assembly (M856/E85055/M776dn/M776z) on page 426</a></li> <li>• <a href="#">Removal and replacement: Duplex reverse guide assembly (M856/E85055) on page 446</a></li> </ul>
2	11/2019	<p>Added repair topics for the M856/E85055/M776 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Delivery assembly (M776zs) on page 386</a></li> <li>• <a href="#">Removal and replacement: Toggle front assembly (M776zs) on page 481</a></li> <li>• <a href="#">Removal and replacement: Toggle rear assembly (M776zs) on page 496</a></li> <li>• <a href="#">Removal and replacement: Fuser motor (M856/E85055/M776) on page 513</a></li> <li>• <a href="#">Removal and replacement: Fuser drive assembly (M856/E85055/M776) on page 559</a></li> <li>• <a href="#">Removal and replacement: Cartridge guide (M751/E75245/M856/E85055/M776) on page 584</a></li> <li>• <a href="#">Removal and replacement: Cartridge rail assembly (M856/E85055/M776dn/M776z) on page 606</a></li> <li>• <a href="#">Removal and replacement: Cartridge rail assembly (M776zs) on page 620</a></li> </ul>

**Table -1 Revision history (continued)**

Revision number	Revision date	Revision notes
2	11/2019	<p>Added repair topics for the M856/E85055/M776 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: DT-cartridge rail assembly (M856/E85055/M776dn/M776z) on page 665</a></li> <li>• <a href="#">Removal and replacement: DT-cartridge rail assembly (M776zs) on page 679</a></li> <li>• <a href="#">Removal and replacement: Formatter (M856/E85055/M776) on page 722</a></li> <li>• <a href="#">Removal and replacement: Formatter case (M856/E85055/M776) on page 729</a></li> <li>• <a href="#">Removal and replacement: Memory PCA (M856/E85055/M776) on page 743</a></li> <li>• <a href="#">Removal and replacement: Main connecting PCA (M856/E85055/M776) on page 764</a></li> <li>• <a href="#">Removal and replacement: Controller fan (M856/E85055/M776) on page 778</a></li> </ul>
2	11/2019	<p>Added repair topics for the M776zs inner finisher.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Inner finisher components on page 1723</a></li> </ul>
2	11/2019	<p>Added new procedures for the M751/E75245 models.</p> <ul style="list-style-type: none"> <li>• <a href="#">Removal and replacement: Cartridge rail assembly (M751/E75245) on page 585</a></li> <li>• <a href="#">Removal and replacement: DT-cartridge rail assembly (M751/E75245) on page 644</a></li> </ul>
1	5/2019	HP Color LaserJet Enterprise M751/E75245 Repair Manual initial release.





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# 1 Removal and replacement

When servicing the printer, several items must be taken into account to ensure a successful repair and to avoid damage to the printer or injury. Learn about these considerations and find detailed instructions for removing and replacing printer parts.


- [Conventions used in this guide](#)
- [HP service and support](#)
- [Removal and replacement strategy](#)
- [Service approach](#)
- [Removal and replacement procedures](#)


## Conventions used in this guide


Learn about the conventions used in this publication.

---

 **TIP:** Tips provide helpful hints or shortcuts.

 **NOTE:** Notes provide important information to explain a concept or to complete a task.

 **CAUTION:** Cautions indicate procedures that you should follow to avoid losing data or damaging the product.

 **WARNING!** Warnings alert you to specific procedures that you should follow to avoid personal injury, catastrophic loss of data, or extensive damage to the product.

---

## HP service and support

Learn about HP access to additional service and support information.

### Additional service and support for channel partners

Channel partners go to [partner.hp.com](https://partner.hp.com), and then use the steps below to access the HP Web-based Interactive Search Engine (WISE).

### Access WISE for Channel partners

1. Select [Services & Support](#), and then select [Services Delivery](#).
2. Select [Technical Support](#), and then select [Technical Documentation](#).

## Find information about the following topics

- Service manuals
- Service advisories
- Up-to-date control panel message (CPMD) troubleshooting
- Solutions for printer issues and emerging issues
- Remove and replace part instructions and videos
- Install and configure
- Printer specifications
- Warranty and regulatory information

## Additional service and support for HP internal personnel

HP internal personnel, go to one of the following Web-based Interactive Search Engine (WISE) sites:

### Americas (AMS)

- [WISE - English](#)
- [WISE - Spanish](#)
- [WISE - Portuguese](#)
- [WISE - French](#)

### Asia Pacific / Japan (APJ)

- [WISE - English](#)
- [WISE - Japanese](#)
- [WISE - Korean](#)
- [WISE - Chinese \(simplified\)](#)
- [WISE - Chinese \(traditional\)](#)
- [WISE - Thai](#)

### Europe / Middle East / Africa (EMEA)

- [WISE - English](#)

# Removal and replacement strategy

The printer uses a field repair strategy. Defective parts are diagnosed and replaced at the Field Replaceable Unit (FRU) assembly level. Follow basic safety precautions to avoid injury or printer damage. Learn about the tools required to service the printer and the types of fasteners used.

- [Introduction](#)
- [Considerations during removal and replacement](#)
- [Electrostatic discharge](#)
- [Required tools](#)
- [Fasteners used in this printer](#)

## Introduction

Learn the overall process for troubleshooting failures and replacing parts, as well as items of note related to installing and tracking printer supplies

Repair normally begins by using the printer internal diagnostics and the following two-step process:

1. Isolate the problem to the major system (for example, the network, the server, or the printer).
2. Identify the cause of failures according to the troubleshooting section in the printer service manual, and follow the disassembly procedures to replace the defective parts or the consumable parts.



---

**IMPORTANT:** See the separate control panel message document (CPMD) for this printer for control panel error message descriptions and solutions (also available online).

---

After locating a faulty part, the printer can usually be repaired at the assembly level by replacing the field replaceable unit (FRUs). HP does not support replacement of components on the printed circuit assemblies (PCAs).

The user replaces supplies (cartridges) as they are depleted. Additional instructions about other user-replaceable parts are provided in this section.

The printer tracks the amount of use on the customer-replaceable supplies by keeping a page count. The printer prompts the user to replace certain items when a supply is depleted or a specific number of pages have been printed.

Swapping supplies between products might be necessary in some test scenarios. However, this might cause a misrepresentation of supply life values, and is not recommended.

## Considerations during removal and replacement


Understand the items to take into account when removing and replacing parts.

This chapter describes the FRUs.

Reinstalling FRUs is generally the reverse of removal. Notes are included to provide directions for difficult or critical replacement procedures.


HP does not support repairing individual subassemblies or troubleshooting at the PCA component level.

---

 **WARNING!** Never operate or service the printer with the protective cover removed from the laser scanner assembly. The reflected beam, although invisible, can cause damage to the eyes.

The sheet-metal parts can have sharp edges. Be careful when handling sheet-metal parts.

Turn the printer off, wait five seconds, and then remove the power cord before attempting to service the printer. **If this warning is not followed, severe injury can result as well as damage to the printer.** The power must be on for certain functional checks during troubleshooting. However, the power cord must be disconnected during parts removal. AC voltage is still present inside the printer when the power switch is in the off position. The power cord must be disconnected before servicing the printer.

 **CAUTION:** Incorrectly routed or loose wire harnesses or flat flexible cables (FFCs) might interfere with other internal components or assemblies and can be damaged, pinched, or frayed. Make sure that wire harnesses are correctly routed and retained when installing assemblies.


Do not bend or fold the FFCs during removal or installation.

Do not expose the toner cartridges or imaging drums to strong light even for a short time.


 **IMPORTANT:** When an assembly is removed that includes a rating plate, tag, or a printer code label, make sure to transfer the plate, tag, or code label to the replacement assembly.

Do not replace the formatter, DC controller, memory PCA (island of data), eMMC PCA, or hard-disk drive (HDD) simultaneously during a single printer servicing. Doing so might cause the printer to become unstable or inoperable.

When replacing the formatter, make sure that all accessories installed on the formatter, such as the fax PCA, hard disk drive, trusted platform module, and DIMM, are removed from the defective formatter and installed on the replacement formatter. Make sure that the formatter is a new service part that has not been installed in a different device.

 **NOTE:** During assembly removal and replacement, or if the printer is moved, remove the toner cartridges, the imaging drums, and the toner collection unit.



Toner is a non-poisonous substance composed of plastic and a small number of colored components. If toner gets on the skin or clothing, wipe it off with dry tissue paper and wash in cold water. Hot water sets toner and it might be difficult, or impossible, to remove. Toner easily breaks down vinyl materials, so avoid letting toner contact vinyl.

 **TIP:** Some figures might show assemblies removed or installed that have not yet been removed or installed at that specific step. However, the procedures are correct for this printer and the target assembly. Always thoroughly read the instructions that accompany each figure.

---

## Electrostatic discharge

Learn how to protect sensitive parts against damage from electrostatic discharge.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Look for the ESD reminder when removing printer parts. Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly.

Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

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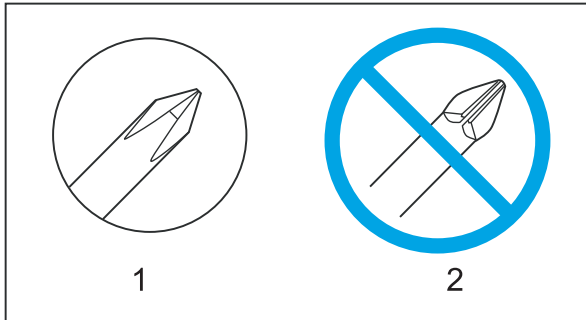
## Required tools

Find information about the tools required to remove and replace parts on the printer.

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver
- Needle-nose pliers
- ESD strap (if one is available)
- Penlight

**⚠ CAUTION:** Always use a #2 Phillips screwdriver (callout 1). Do not use a Pozidriv screwdriver (callout 2) or any motorized screwdriver. These can damage screws or screw threads.

**Figure 1-1** Screwdrivers



## Fasteners used in this printer

Learn about the different types of screws used in the printer and the importance of installing the correct type of screw in the correct location when replacing a part.

**⚠ WARNING!** Make sure that assemblies are replaced with the correct screw type. Using the incorrect screw (for example, substituting a long screw for the correct shorter screw) can cause damage to the printer or interfere with printer operation. Do not intermix screws that are removed from one assembly with the screws that are removed from another assembly.

**📝 NOTE:** To install a self-tapping screw, first turn it counterclockwise to align it with the existing thread pattern, and then carefully turn it clockwise to tighten. Do not overtighten. If a self-tapping screw hole becomes stripped, repair the screw hole or replace the affected assembly.

Always take note of the length, diameter, color, type, and location of each removed screw. Make sure that screws are installed in their original location during reinstallation.

### Types of screws used in the printer

- Screw, BH M3x10
- Screw, D, M3x6
- Screw, D, M3x8
- Screw, Tapping, Truss Head, M4x10
- Screw, W/Washer
- Screw, W/Washer, M3x10
- Screw, W/Washer D, M3x8

## Service approach

Follow these steps before and after performing service on the printer to prevent damage to the printer and ensure that the repair was successful.

- [Before performing service](#)
- [After performing service](#)
- [Print quality test](#)

### Before performing service

Follow these steps before performing any type of service on the printer.

---

**⚠ WARNING!** Turn the printer off, wait five seconds, and then remove the power cord before attempting to service the printer. **If this warning is not followed, severe injury can result as well as damage to the printer.** The power must be on for certain functional checks during troubleshooting. However, the power cord must be disconnected during parts removal. AC voltage is still present inside the printer when the power switch is in the off position. The power cord must be disconnected before servicing the printer.

---

1. Turn the printer off using the power button.
2. Unplug the power cable and interface cable or cables.
3. Place the product on an ESD workstation or mat, or use an ESD strap (if one is available). If an ESD workstation, mat, or strap is not available, ground yourself by touching the sheet-metal chassis before touching an ESD-sensitive part.
4. Remove the toner cartridges and imaging drums. Place a sheet of paper over the imaging drums to protect them from excessive light exposure.
5. Remove all paper from the trays.
6. Remove the tray(s).

### After performing service

Follow these steps after performing service on the printer.

1. Verify that you have completed the necessary reassembly steps.
2. Reinstall the tray(s).
3. Return all paper to the trays.
4. Reinstall the toner cartridges and imaging drums.
5. Plug in the power cable and interface cable or cables.
6. Turn the printer on using the power button.
7. Verify that the expected start-up sounds occur.

### Print quality test

Ensure that the print quality is acceptable after performing printer repairs.



Use the printer internal print quality pages to help diagnose and solve print-quality problems. For more information, see the troubleshooting section in the service manual.



---

**NOTE:** To get further assistance in print quality troubleshooting, go to <http://www.hp.com/support/colorljM751>, <http://www.hp.com/support/colorljE75245>, <http://www.hp.com/support/colorljM856>, <http://www.hp.com/support/colorljE85055>, or <http://www.hp.com/support/colorljM776MFP>. Select **Troubleshooting**, select **Print**, and then select **Print Quality**.

---

# Removal and replacement procedures

Learn how to remove and replace selected parts on the printer.

- [Customer self-repair \(CSR\) A parts and accessories](#)
- [Field replaceable units \(FRUs\)](#)

## Customer self-repair (CSR) A parts and accessories

Customer self-repair (CSR) A parts are parts that a customer replaces without assistance from a field technician. These parts can be replaced without the use of any tools.

- [Install accessory: Internal USB ports \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: SODIMM \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Hard disk drive \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: embedded Multi-Media Card \(eMMC\) \(M751/E75245/M856/E85055\)](#)
- [Removal and replacement: Fax PCA \(M776z/M776zs\)](#)
- [Removal and replacement: Toner cartridge \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Imaging drum \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Tray 2 \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Document feeder rollers \(M776\)](#)
- [Removal and replacement: Tray 1 rollers \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Tray 2 rollers \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Fuser \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Intermediate transfer belt \(ITB; M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Toner collection unit \(TCU; M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Secondary transfer roller \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Control panel \(M751/E75245\)](#)
- [Removal and replacement: Control panel \(M856/E85055\)](#)
- [Removal and replacement: Control panel \(M776\)](#)
- [Removal and replacement: Document feeder reflector \(M776\)](#)

### Install accessory: Internal USB ports (M751/E75245/M856/E85055/M776)

Learn how to install the internal USB ports accessory.



[View a video of how to install the internal USB ports.](#)

Mean time to repair: 10 minutes

Service level: CSR A

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-1** Part information

Part number	Part description
B5L28-67902	Internal USB ports

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

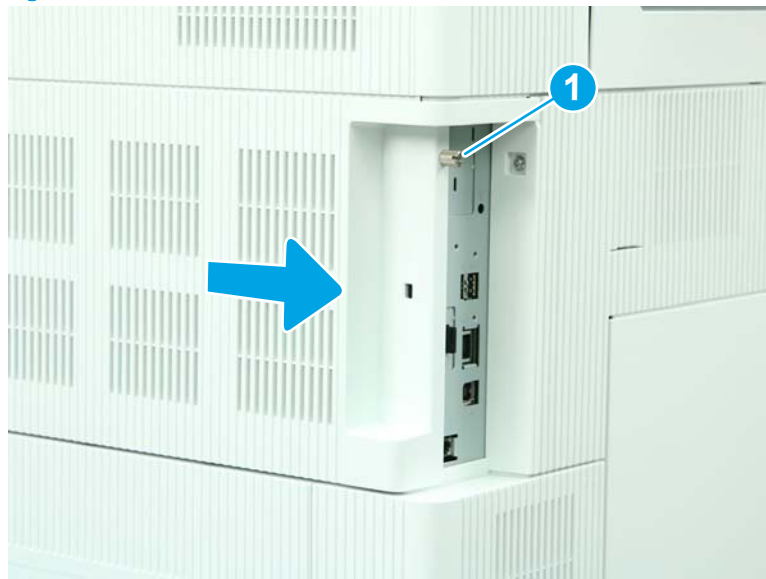
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

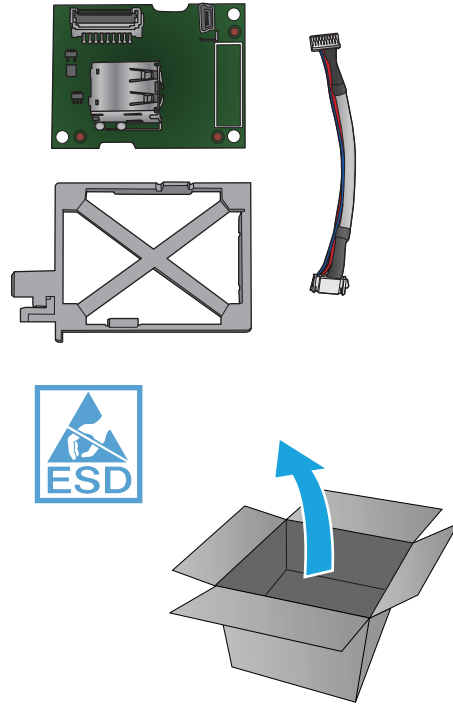
**Figure 1-2** Remove the formatter cover



2. Unpack the accessory

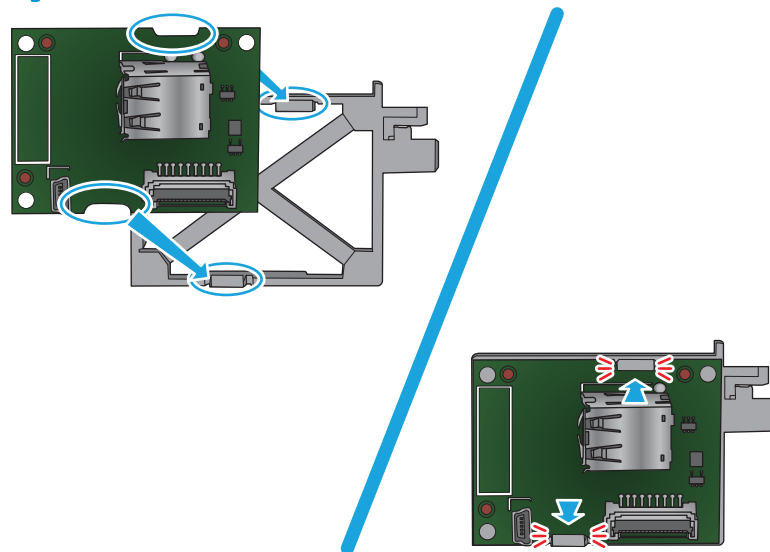
- ▲ Remove the small PCA board, the PCA mounting cradle, and the shortest single cable (B5L45-60115) from the packaging.

Figure 1-3 Unpack the components



3. Install the internal USB ports accessory.
  - a. Position the notches on the internal USB ports PCA over the clips on the PCA holder, and then press down to attach the PCA to the holder. Make sure that the clips snap into place.

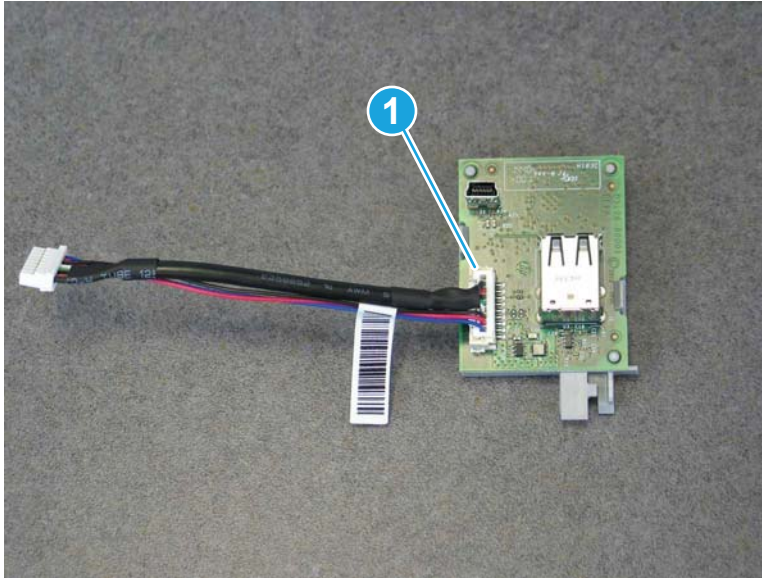
Figure 1-4 Attach the PCA to the cradle



- b. Connect the cable to the connector (callout 1) on the small PCA.

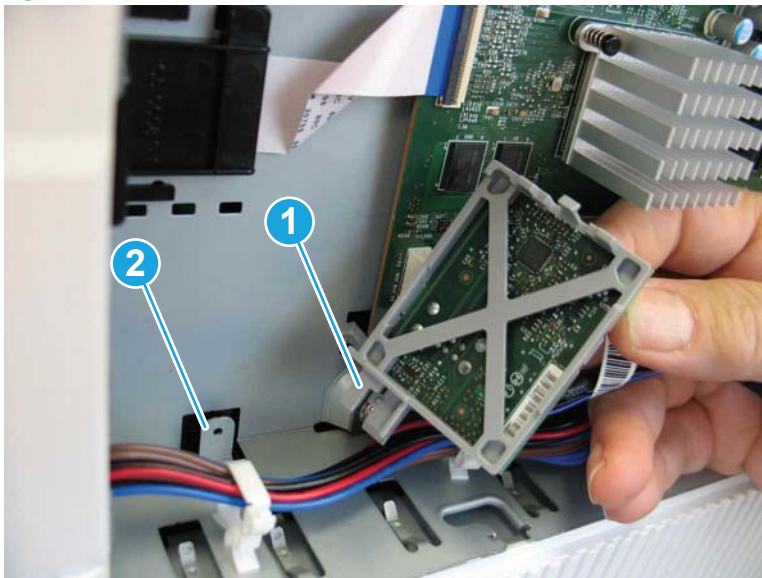
 **NOTE:** The connector on the cable is keyed. Make sure it is correctly installed.

**Figure 1-5** Connect the cable to the PCA



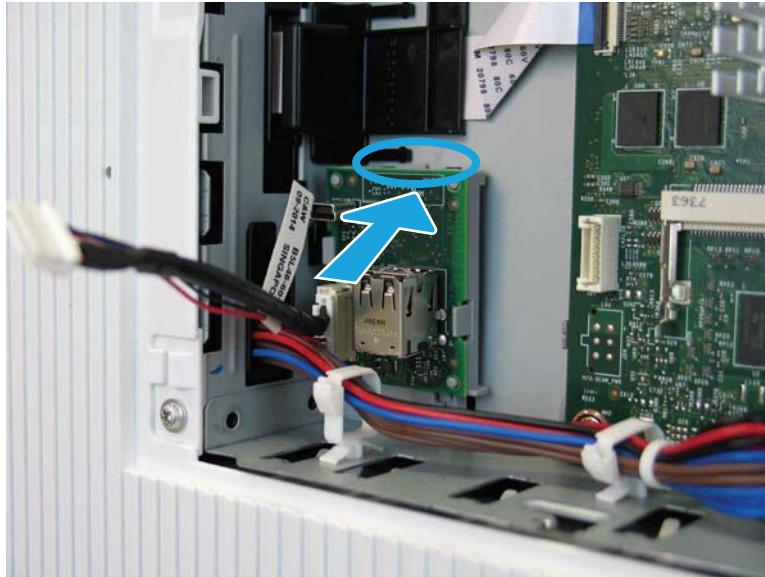
- c. Position the slot (callout 1) on the end of the PCA bracket over the metal tab (callout 2) on the formatter case.

**Figure 1-6** Position the slot over the tab



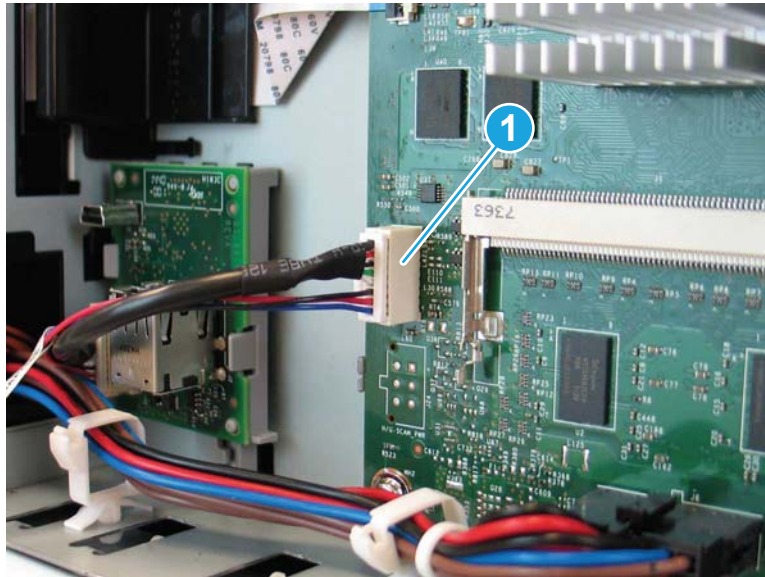
- d. Position the upper tabs on the PCA bracket into the slots in the formatter case. Press until the tabs snap into place.

Figure 1-7 Install the upper tabs



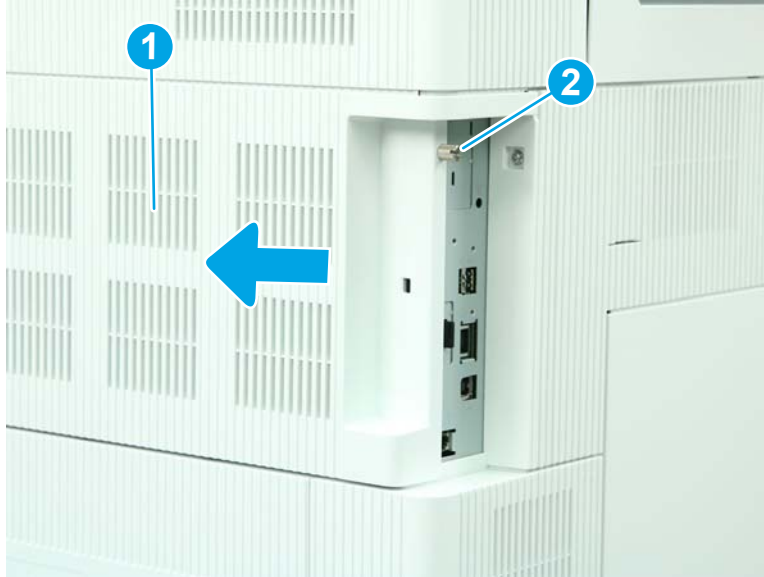
- e. Connect the cable to the connector (callout 1) on the formatter board.

Figure 1-8 Connect the cable to the formatter



4. Install the formatter cover.
  - ▲ Position the formatter cover (callout 1) on the printer, slide it toward the printer to install it, and then tighten one thumbscrew (callout 2).

Figure 1-9 Install the formatter cover



## Removal and replacement: SODIMM (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the SODIMM.

 [View a video of how to remove and replace the SODIMM.](#)


Mean time to repair: 10 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-2 Part information

Part number	Part description
E5K48-67902	HP 1GB DDR3 x32 144-pin 800MHz SODIMM
5851-6581	HP 2GB DDR3 x32 144-pin 800MHz SODIMM

### Required tools

- No special tools are required to remove or install this assembly.



### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

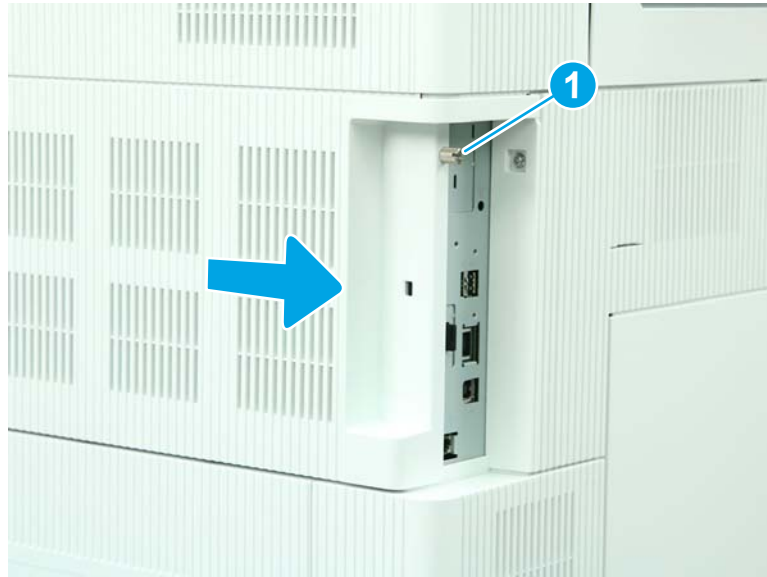
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

Print a configuration page and verify that the memory section shows 1.5 GB.

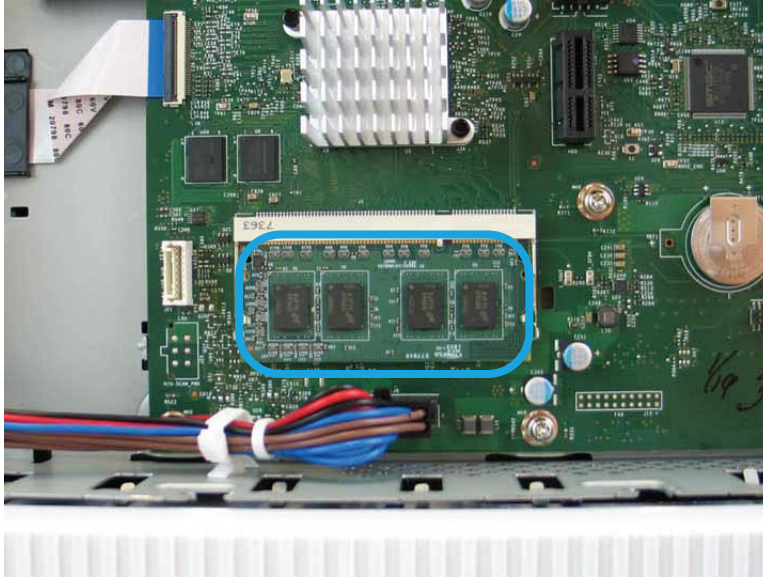
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-10** Remove the formatter cover



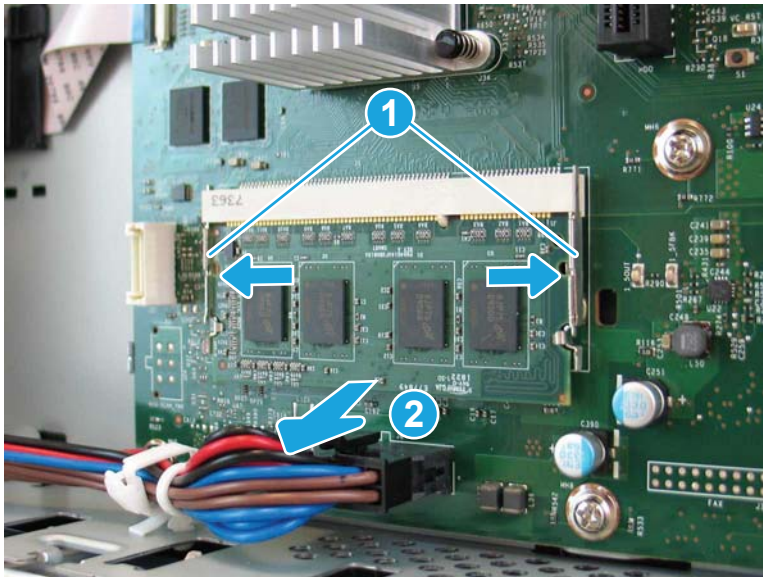
2. Remove the SODIMM.
  - a. Locate the SODIMM on the formatter board.

Figure 1-11 Locate the SODIMM



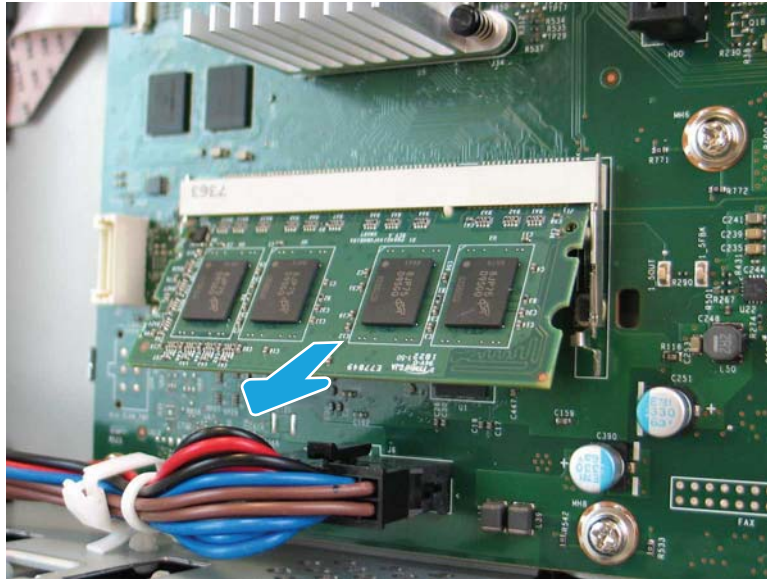
- b. Release two locking arms (callout 1), and then allow the lower edge of the SODIMM to pivot slightly upwards to free it from the holder (callout 2).

Figure 1-12 Release two locking arms



- c. Pull the SODIMM down and away from the holder to remove it.

**Figure 1-13** Remove the SODIMM




3. Unpack the replacement assembly.
  - a. Dispose of the defective part.
  - b. Unpack the replacement part from the packaging.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

4. Install the SODIMM.
  - a. Insert the top edge of the SODIMM in the holder.



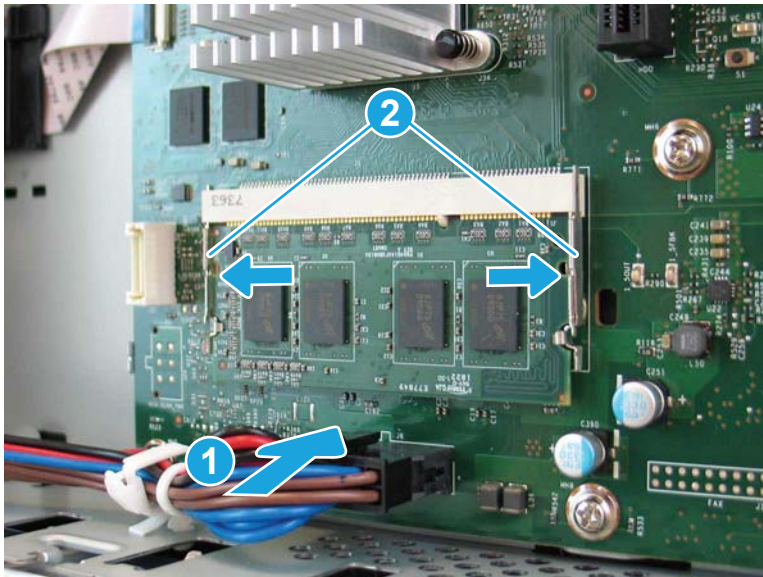
**TIP:** The SODIMM is keyed and can only be inserted in the holder one way.

Figure 1-14 Insert the SODIMM



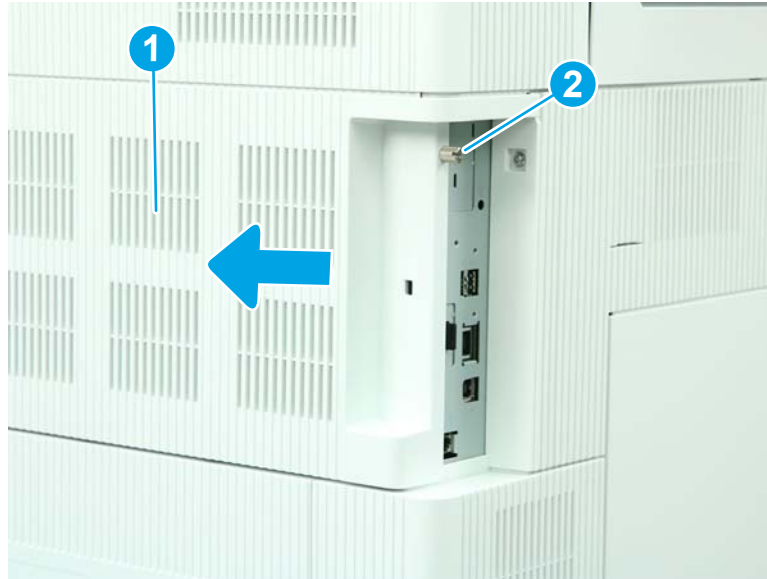
- b. Pivot the bottom edge of the SODIMM toward the holder (callout 1), and then make sure that the two locking arms snap into place (callout 2).

Figure 1-15 Install the DIMM



5. Install the formatter cover.
  - ▲ Position the formatter cover (callout 1) on the printer, slide it toward the printer to install it, and then tighten one thumbscrew (callout 2).

Figure 1-16 Install the formatter cover



## Removal and replacement: Hard disk drive (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the hard disk drive (HDD).

 [View a video of how to remove and replace the hard disk drive.](#)


Mean time to repair: 10 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-3 Part information

Part number	Part description
L41606-011	HDD, 500GB 5400RPM SED (Secure Encrypted Drive)
L42243-021	HDD, 500GB 5400RPM FIPS/CCC OPAL2 7MM (higher level of security than SED)
L42244-031	HDD, 500GB FIPS/CCC/TAA OPAL2 7MM (for use in US government contracts)

### Required tools

- No special tools are required to remove or install this assembly.

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

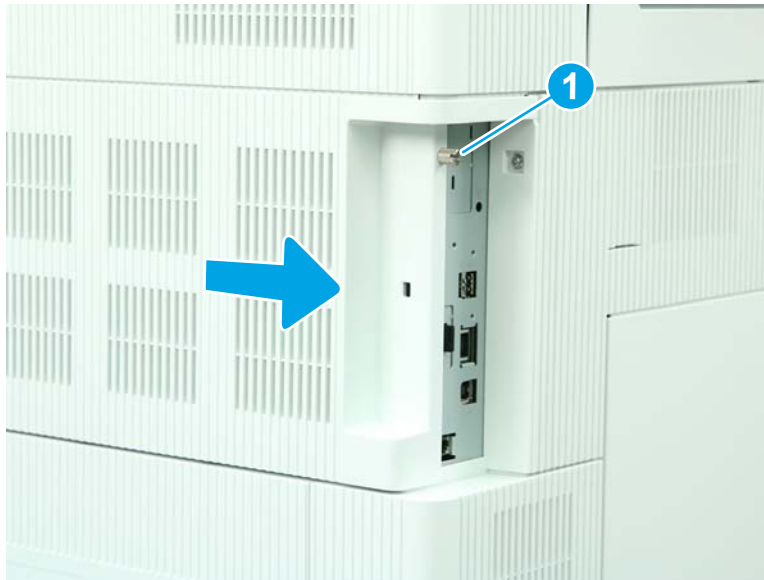
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

#### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

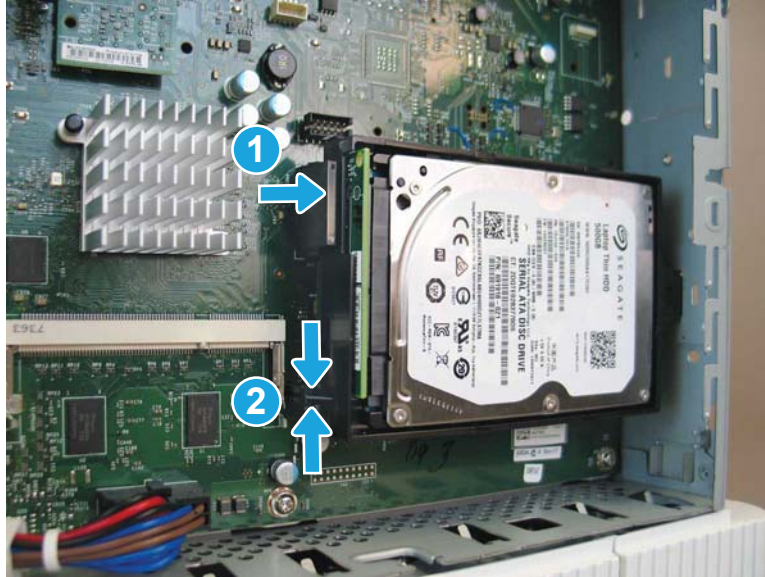
Figure 1-17 Remove the formatter cover



#### 2. Remove the hard disk drive (HDD).

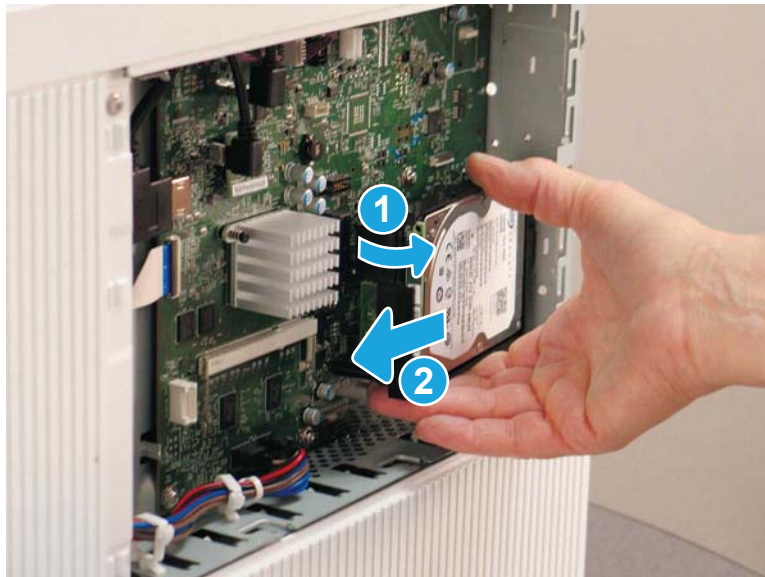
- a. Release the locking connector (callout 1), and then pinch the retainer (callout 2) to release it.

Figure 1-18 Release the HDD



- b. Raise the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-19 Remove the HDD



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.





**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

---

**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

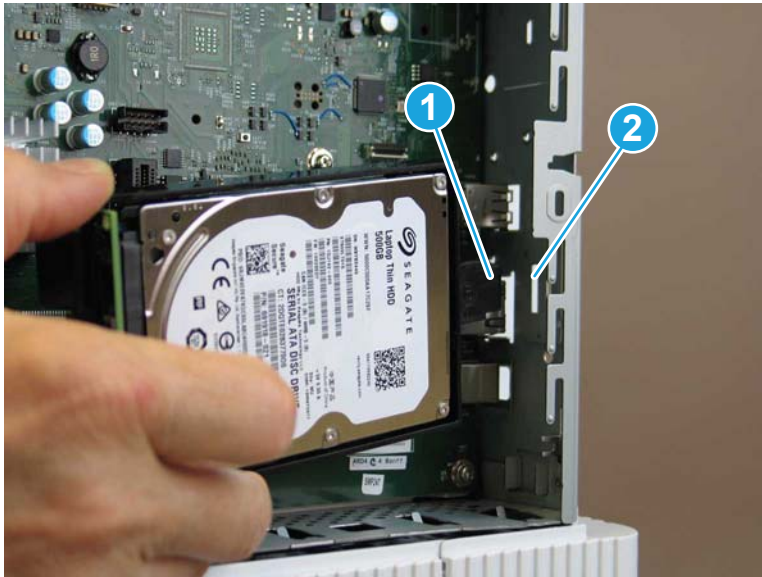
**IMPORTANT:**  Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

4. Install the hard disk drive (HDD).

- a. Before proceeding, take note of the location of the tab (callout 1) on the end of the HDD that fits into the slot (callout 2) in the formatter case.

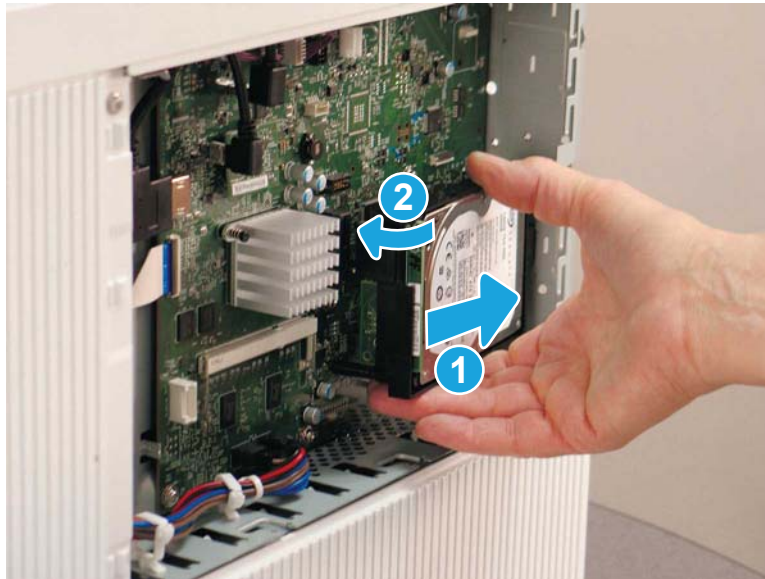
**Figure 1-20** Locate the slot in the sheet metal





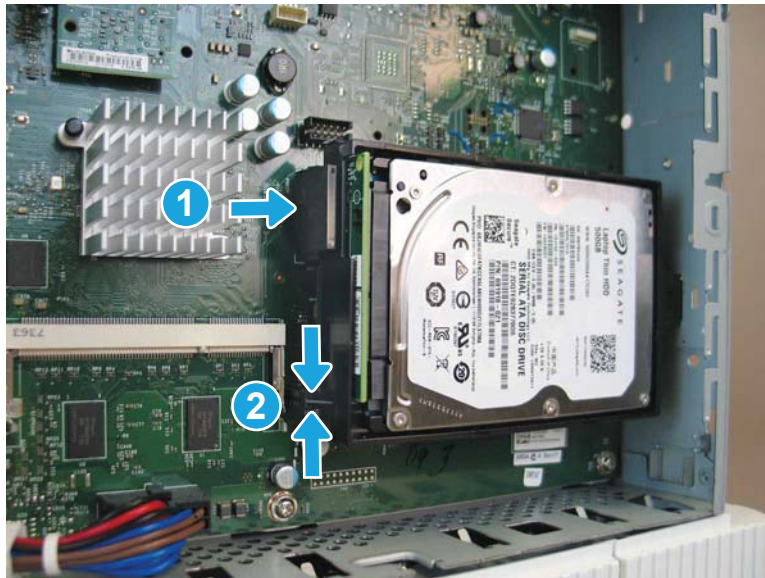
- b. Insert the HDD cradle mounting tab in the slot in the sheet metal, slide the HDD to the right (callout 1) to fully install the tab in the sheet metal, and then rotate the connector end (callout 2) of the HDD toward the formatter.

Figure 1-21 Install the HDD



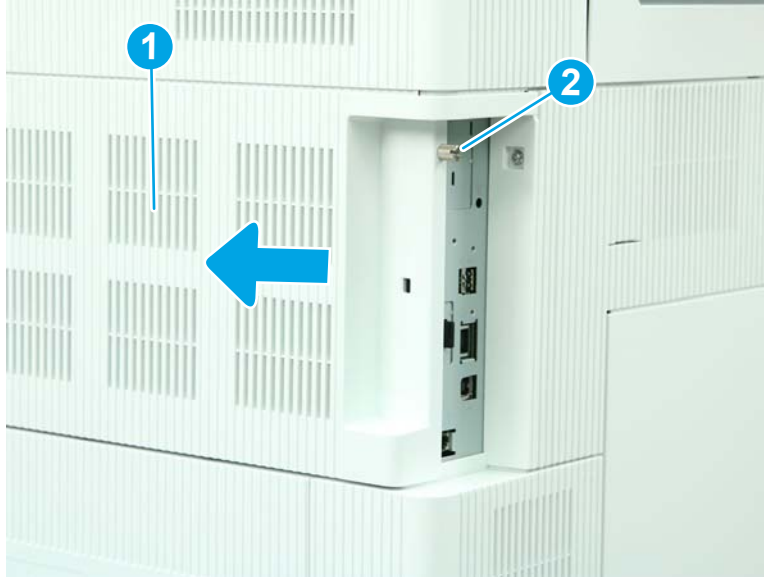
- c. Make sure that the locking connector (callout 1) latches and that the standoff (callout 2) engages with the slot in the formatter (it might be necessary to pinch the retainer to engage it with the slot).

Figure 1-22 Check the HDD connector



5. Install the formatter cover.
  - ▲ Position the formatter cover (callout 1) on the printer, slide it toward the printer to install it, and then tighten one thumbscrew (callout 2).

Figure 1-23 Install the formatter cover



6. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Reinstall the printer firmware

1. Go to [www.hp.com/go/futuresmart](http://www.hp.com/go/futuresmart).
2. Select **Upgrade now**.
3. Find your Enterprise printer model.
4. Select the link to open the firmware download page.
5. Scroll down and expand **Firmware-FutureSmart 4**.
6. Select **Download** next to the printer firmware entry.

 **Reinstallation tip:** To view installation instructions, go to <http://www.hp.com/go/futuresmart>. Select **Upgrade now**, and then select **How to perform a firmware update**.

## Removal and replacement: embedded Multi-Media Card (eMMC) (M751/E75245/M856/E85055)

Learn how to remove and replace the embedded Multi-Media Card (eMMC).

 [View a video of how to remove and replace the embedded Multi-Media Card \(eMMC\).](#)

Mean time to repair: 10 minutes

Service level: CSR A

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-4** Part information

Part number	Part description
B5L32-60002	PC board - eMMC 16GB

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

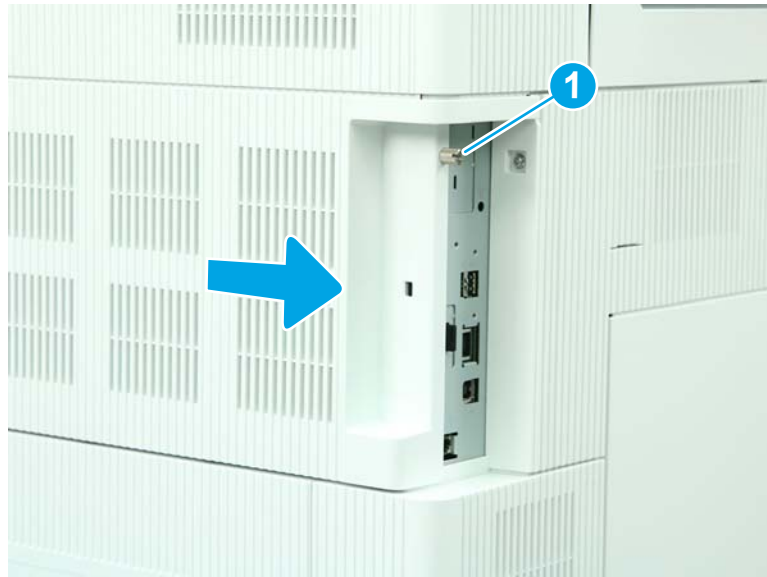
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

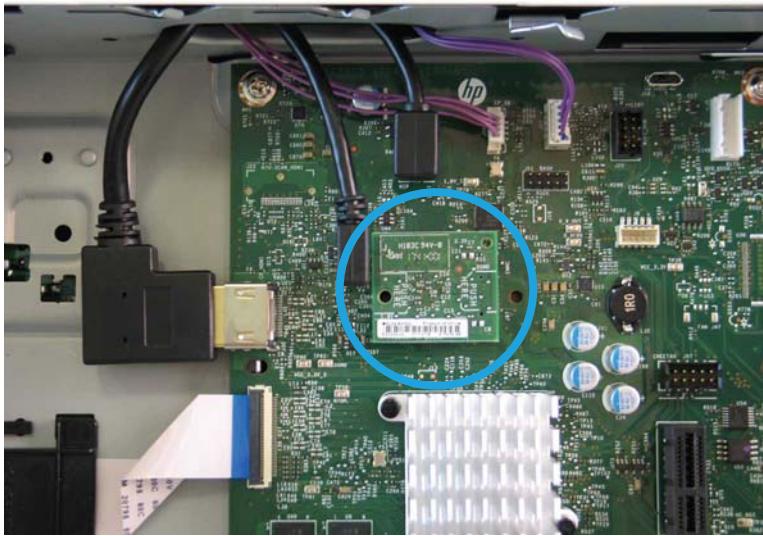
**Figure 1-24** Remove the formatter cover



2. Remove the embedded Multi-Media Card (eMMC) (M751/E75245/M856/E85055).

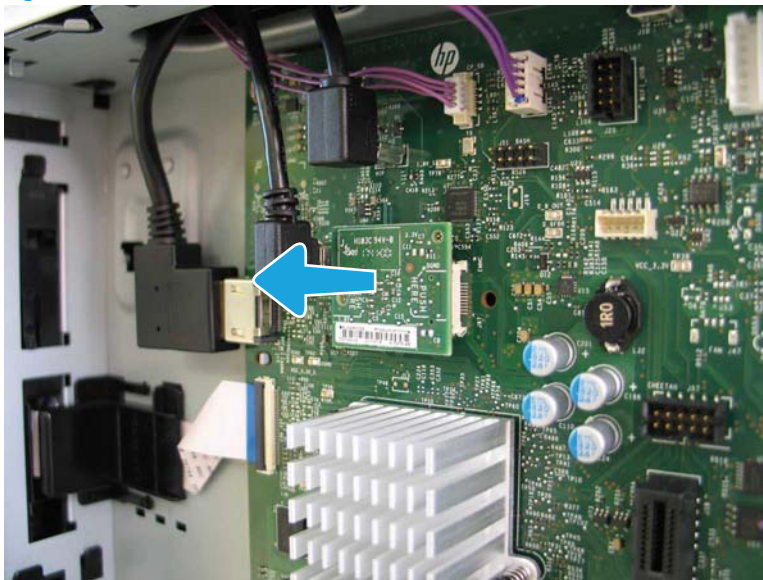
- a. Locate the embedded Multi-Media Card (eMMC) on the formatter board.

**Figure 1-25** Locate the eMMC



- b. Lift the eMMC off of the formatter board to remove it.

**Figure 1-26** Remove the eMMC



3. Unpack the replacement assembly.


- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

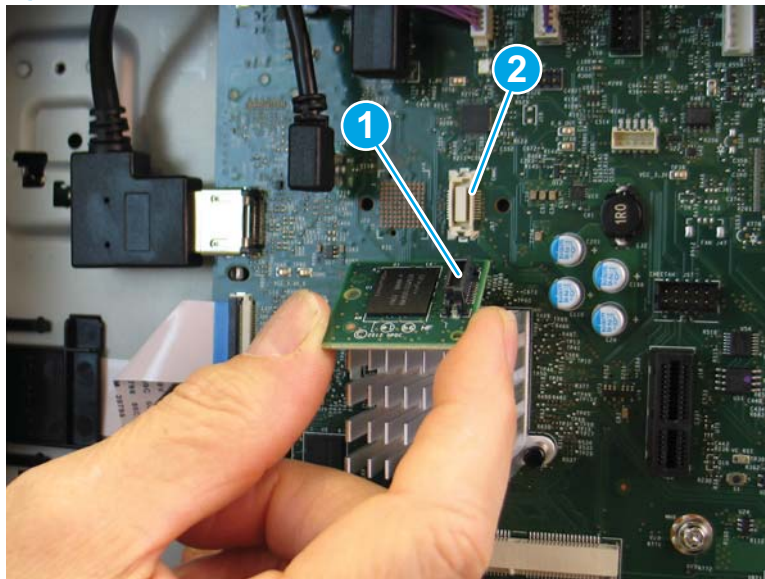
- b. Unpack the replacement part from the packaging.

**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

**IMPORTANT:**  Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

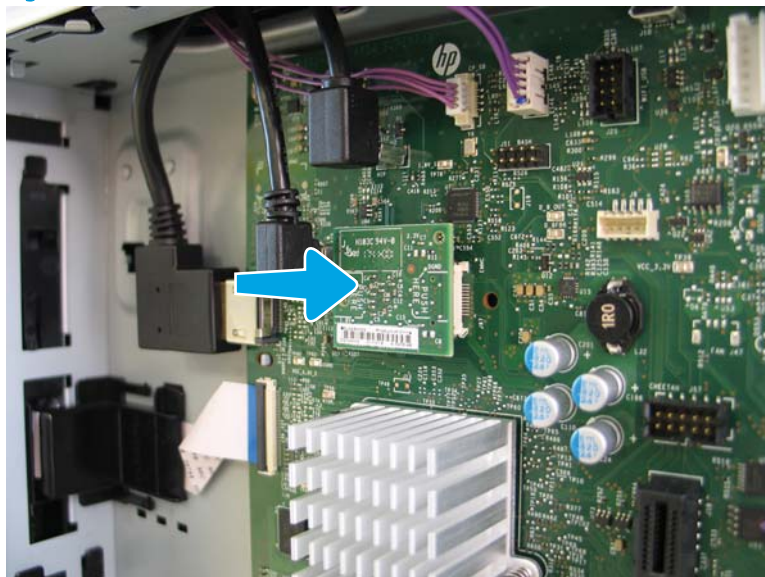
4. Install the embedded Multi-Media Card (eMMC) (M751/E75245/M856/E85055).
  - a. Position the connector (callout 1) on the eMMC card into the connector (callout 2) on the formatter board.

**Figure 1-27** Position the eMMC



- b. Press the eMMC firmly onto the formatter board to install it.

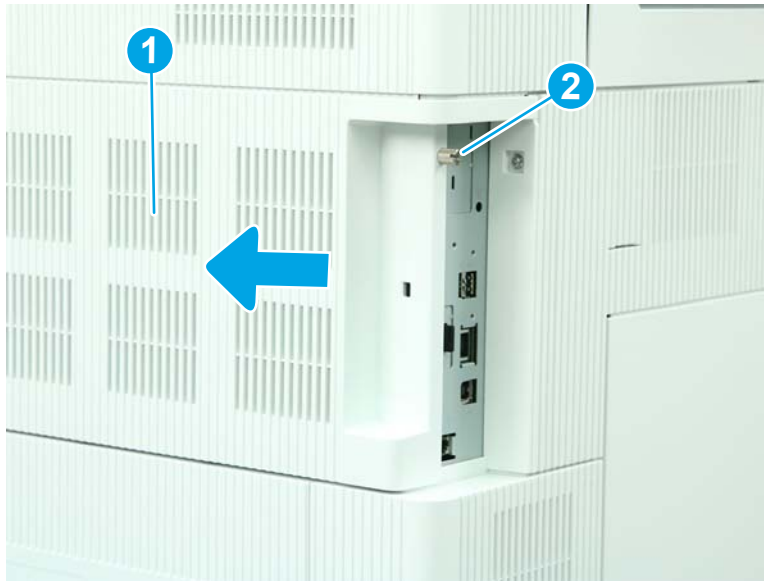
**Figure 1-28** Install the eMMC



5. Install the formatter cover.

- ▲ Position the formatter cover (callout 1) on the printer, slide it toward the printer to install it, and then tighten one thumbscrew (callout 2).

Figure 1-29 Install the formatter cover



6. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Reinstall the printer firmware**

1. Go to [www.hp.com/go/futuresmart](http://www.hp.com/go/futuresmart).
2. Select **Upgrade now**.
3. Find your Enterprise printer model.
4. Select the link to open the firmware download page.
5. Scroll down and expand **Firmware-FutureSmart 4**.
6. Select **Download** next to the printer firmware entry.

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💡 **Reinstallation tip:** To view installation instructions, go to <http://www.hp.com/go/futuresmart>. Select **Upgrade now**, and then select **How to perform a firmware update**.

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## Removal and replacement: Fax PCA (M776z/M776zs)

Learn how to remove and replace the fax PCA.

 [View a video of how to remove and replace the fax PCA.](#)

Mean time to repair: 10 minutes

Service level: CSR A

### Before performing service

**Turn the printer power off**

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-5 Part information**

Part number	Part description
2EH31-67901	Fax PCA (most of the world)
F2A79-60002	Fax PCA (Bangladesh, Brunei, Cambodia, East Timor, Hong Kong, Indonesia, Korea, Laos, Malaysia, Maldives, Mongolia, Myanmar, Philippines, Singapore, Sri Lanka, Thailand, Vietnam)

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

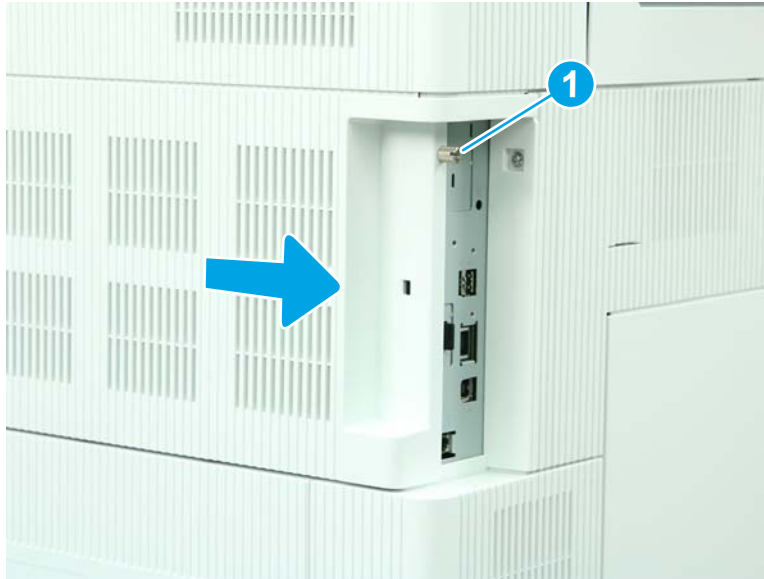
### Post service test

Make sure that the printer initializes to a **Ready** state.

Make sure that the fax PCA is functioning correctly by sending a test fax.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-30 Remove the formatter cover



2. Remove the fax PCA (M776z/M776zs).
  - ▲ Rotate the fax PCA away from the formatter board to remove it .

Figure 1-31 Remove the fax PCA



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.





**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

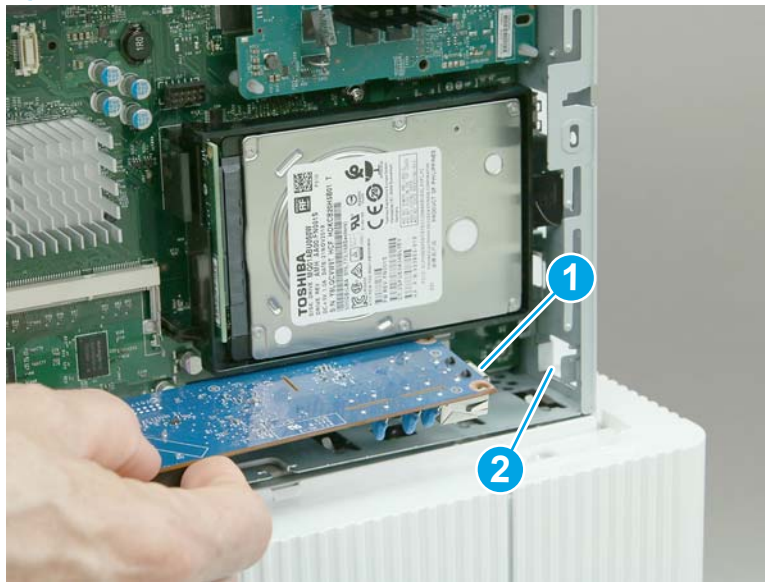


**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

**IMPORTANT:**  Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

4. Install the fax PCA (M776z/M776zs).
  - a. Position the connector on the fax PCA (callout 1) into the opening (callout 2) in the formatter case.

**Figure 1-32** Position the fax PCA



- b. Rotate the fax PCA toward the formatter board to install it.

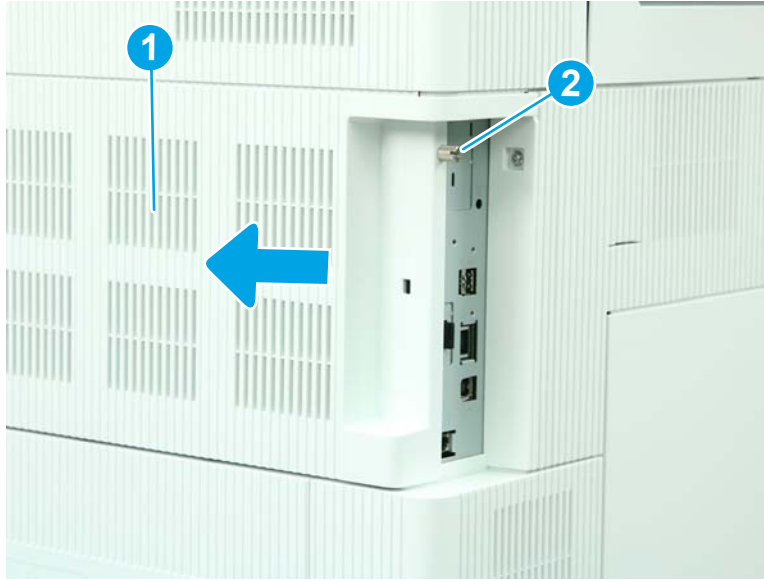
**Figure 1-33** Install the fax PCA



5. Install the formatter cover.

- ▲ Position the formatter cover (callout 1) on the printer, slide it toward the printer to install it, and then tighten one thumbscrew (callout 2).

Figure 1-34 Install the formatter cover



## Removal and replacement: Toner cartridge (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the toner cartridge.

 [View a video of how to remove and replace the toner cartridge.](#)

Mean time to repair: 2 minutes

Service level: CSR A

### Before you begin

For the E75245 model, make sure that the toner cartridge has reached the **Very Low** point. If this point has not been reached, the toner cartridge cannot be removed from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-6 Part information

Part number	Part description
W2000-67901	HP 658A Black Original LaserJet Toner Cartridge (M751)
W2001-67901	HP 658A Cyan Original LaserJet Toner Cartridge (M751)
W2002-67901	HP 658A Yellow Original LaserJet Toner Cartridge (M751)
W2003-67901	HP 658A Magenta Original LaserJet Toner Cartridge (M751)
W2000-67902	HP 658X High Yield Black Original LaserJet Toner Cartridge (M751)
W2001-67902	HP 658X High Yield Cyan Original LaserJet Toner Cartridge (M751)

Table 1-6 Part information (continued)

Part number	Part description
W2002-67902	HP 658X High Yield Yellow Original LaserJet Toner Cartridge (M751)
W2003-67902	HP 658X High Yield Magenta Original LaserJet Toner Cartridge (M751)
5851-7901	HP 659A Black Original LaserJet Toner Cartridge (M856/M776)
5851-7902	HP 659A Cyan Original LaserJet Toner Cartridge (M856/M776)
5851-7903	HP 659A Yellow Original LaserJet Toner Cartridge (M856/M776)
5851-7904	HP 659A Magenta Original LaserJet Toner Cartridge (M856/M776)
5851-7905	HP 659X High Yield Black Original LaserJet Toner Cartridge (M856/M776)
5851-7906	HP 659X High Yield Cyan Original LaserJet Toner Cartridge (M856/M776)
5851-7907	HP 659X High Yield Yellow Original LaserJet Toner Cartridge (M856/M776)
5851-7908	HP 659X High Yield Magenta Original LaserJet Toner Cartridge (M856/M776)
W9020-67901	HP Black Managed LaserJet Toner Cartridge (E75245)
W9021-67901	HP Cyan Managed LaserJet Toner Cartridge (E75245)
W9022-67901	HP Yellow Managed LaserJet Toner Cartridge (E75245)
W9023-67901	HP Magenta Managed LaserJet Toner Cartridge (E75245)
5851-7897	HP Black Managed LaserJet Toner Cartridge (E85055)
5851-7898	HP Cyan Managed LaserJet Toner Cartridge (E85055)
5851-7899	HP Yellow Managed LaserJet Toner Cartridge (E85055)
5851-7900	HP Magenta Managed LaserJet Toner Cartridge (E85055)

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

There are no special instructions for after performing service.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

- ▲ Remove and replace a toner cartridge.
  - a. Open the front door.

Figure 1-35 Open the front door




- b. Grasp the handle of the toner cartridge and pull out to remove it.

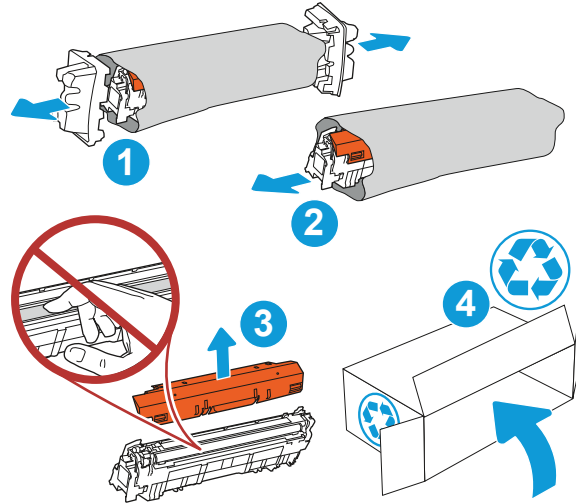
Figure 1-36 Remove the toner cartridge



- c. Remove the new toner cartridge from its packaging by removing the end caps, removing the cartridge from the plastic bag, and then removing the orange protective shield. Save all packaging for recycling the used toner cartridge.

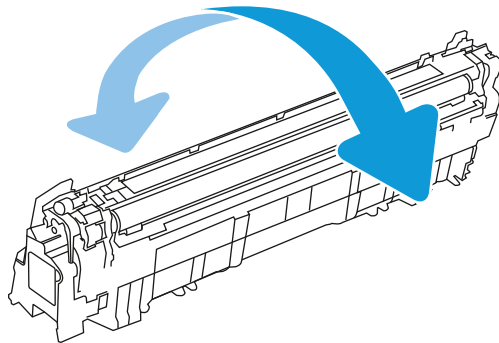
 **NOTE:** Do not touch the developer roller. Fingerprints on the developer roller can cause print-quality problems.

**Figure 1-37** Unpack the new toner cartridge




- d. Hold both ends of the toner cartridge and rock it 5-6 times.

**Figure 1-38** Rock the toner cartridge



- e. Support the toner cartridge underneath with one hand while holding the cartridge handle with the other. Align the toner cartridge with its slot on the shelf, and then insert the toner cartridge into the printer.

 **NOTE:** Do not touch the developer roller. Fingerprints on the developer roller can cause print-quality problems.

**Figure 1-39** Install the toner cartridge



- f. Close the front door.

**Figure 1-40** Close the front door



## Removal and replacement: Imaging drum (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the imaging drum.

 [View a video of how to install the imaging drum.](#)

Mean time to repair: 2 minutes

Service level: CSR A

### Before you begin

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-7 Part information

Part number	Part description
W2004-67901	HP 660A Original LaserJet Imaging Drum

### Required tools

- No special tools are required to remove or install this assembly, unless the printer is a managed model with imaging drum locks installed.

### After performing service

There are no special instructions for after performing service.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

- ▲ Remove and replace the imaging drum.
  - a. Open the front door.

Figure 1-41 Open the front door



- b. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-42 Rotate the blue lever



- c. Grasp the handle of the imaging drum and pull out to remove it.

Figure 1-43 Remove the imaging drum





- d. Remove the new imaging drum from its packaging by removing the end caps, removing the imaging drum from the plastic bag, and then removing the orange protective shield. Save all packaging for recycling the imaging drum.


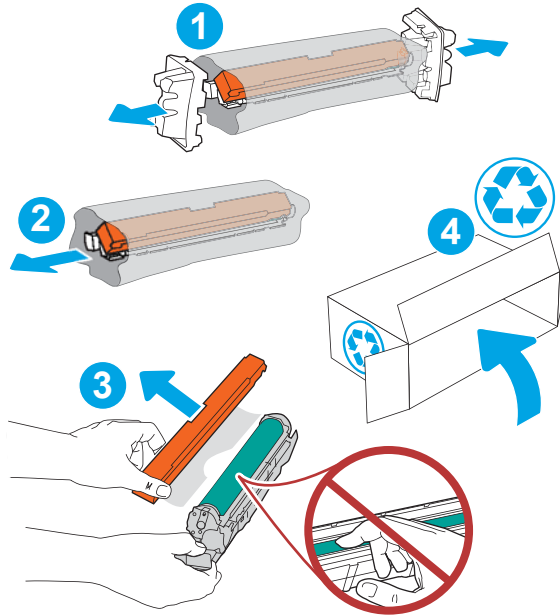
 **NOTE:** Avoid touching the green imaging drum. Fingerprints on the imaging drum can cause print defects.

Figure 1-44 Remove the new imaging drum from its packaging



- e. Support the imaging drum underneath with one hand while holding the handle with the other. Align the imaging drum with its slot on the shelf, and then insert the imaging drum into the printer.


 **NOTE:** Avoid touching the green imaging drum. Fingerprints on the imaging drum can cause print defects.

Figure 1-45 Install the imaging drum



- f. Rotate the blue lever in front of the imaging drum to the right.

Figure 1-46 Rotate the blue lever



- g. Close the front door.

Figure 1-47 Close the front door



## Removal and replacement: Tray 2 (M751/E75245/M856/E85055/M776)

Learn how to remove and replace Tray 2.

 [View a video of how to remove and replace Tray 2.](#)

Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

Remove any paper from the defective tray and set it aside for installation in the replacement tray.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-8** Part information

Part number	Part description
RM2-1394-000CN	Cassette assembly

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

Install paper in the tray and adjust the paper guides.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.


1. Remove Tray 2.
  - ▲ Pull Tray 2 away from the printer until it stops, and then lift up slightly to remove it.

**Figure 1-48** Remove Tray 2



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

If the printer is a managed model with tray locks installed, remove the locks before disposing of the defective tray.

---

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

## Removal and replacement: Document feeder rollers (M776)

Learn how to remove and replace the document feeder pickup and separation rollers.

 [View a video of how to remove and replace the document feeder pickup and separation rollers.](#)


Mean time to repair: 3 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-9 Part information

Part number	Part description
5851-7202	Document feeder roller kit

---

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

1. Remove the document feeder rollers.

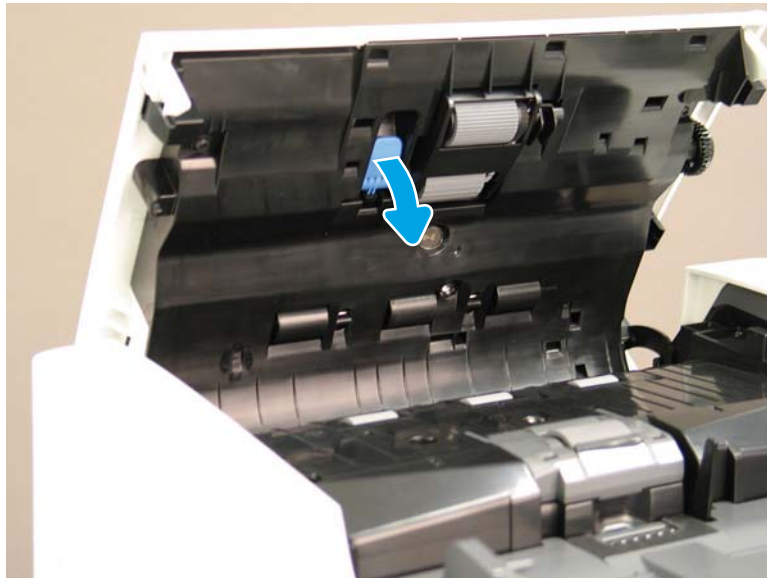
- a. Open the document feeder cover.

**Figure 1-49** Open the document feeder cover



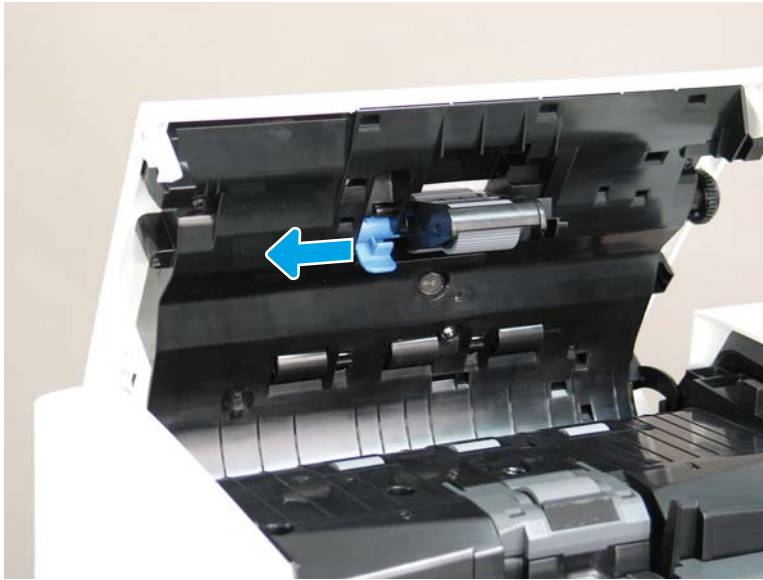
- b. Rotate the blue locking lever down.

**Figure 1-50** Rotate the blue locking lever down



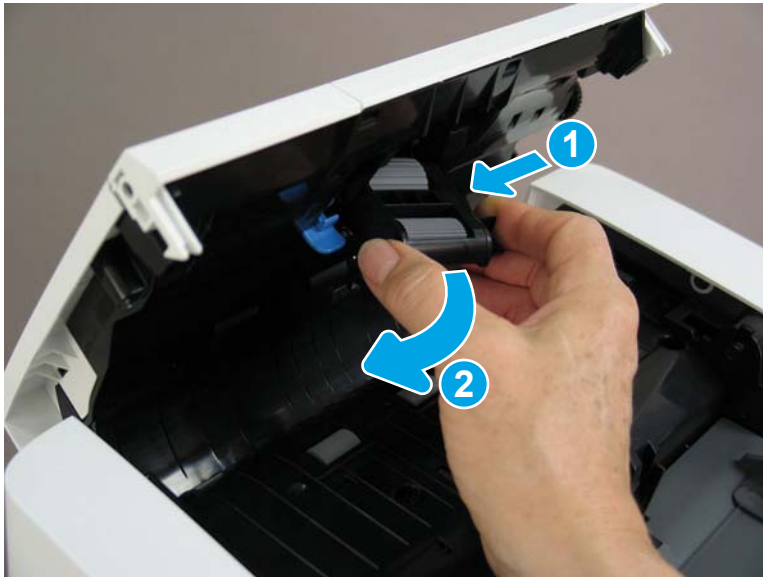
- c. Slide the locking lever toward the front of the printer.

Figure 1-51 Slide the locking lever toward the front of the printer



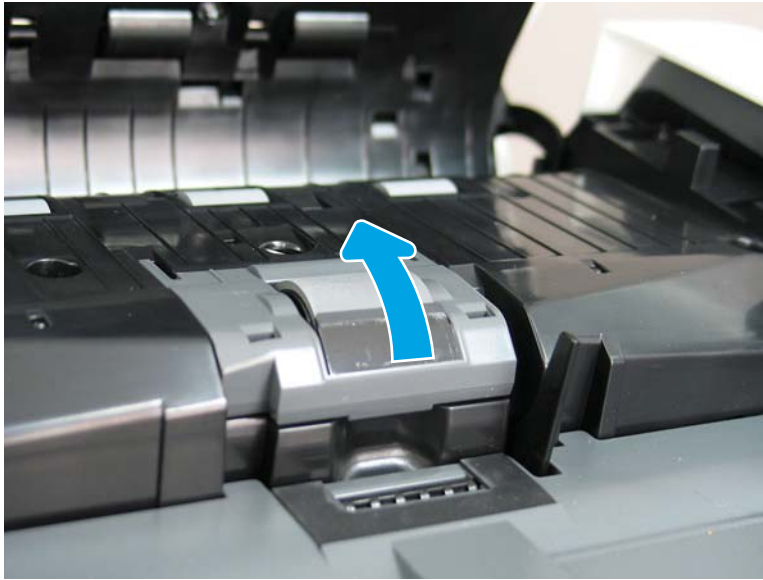
- d. Slide the roller to the left (callout 1), and then rotate it away from the document feeder to remove it (callout 2).

Figure 1-52 Remove the pickup roller



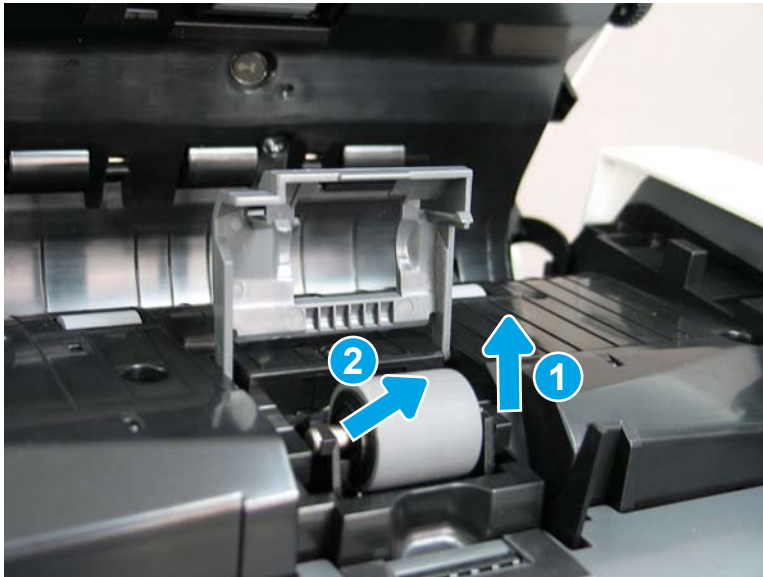
- e. Open the document feeder separation roller cover.

**Figure 1-53** Open the document feeder separation roller cover



- f. Raise the right edge of the separation roller (callout 1), and then slide the roller to the right (callout 2) to remove it.

**Figure 1-54** Remove the separation roller



2. Unpack the replacement assembly.


- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

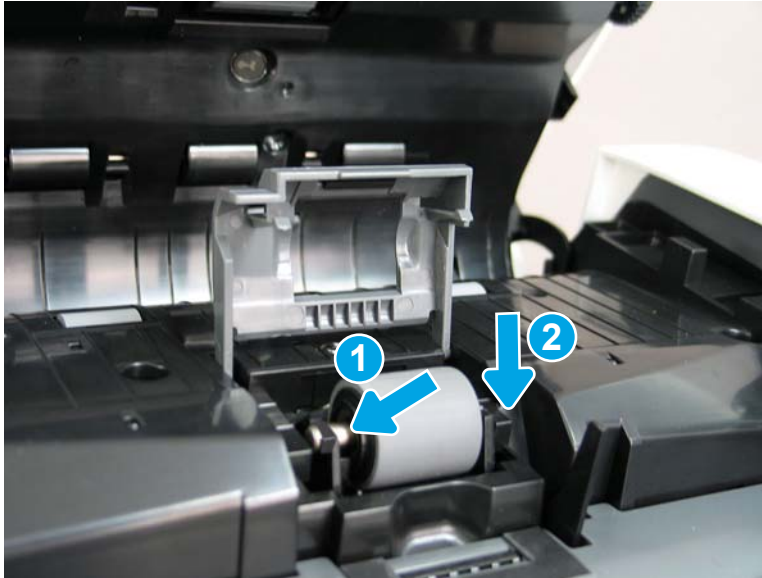
<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

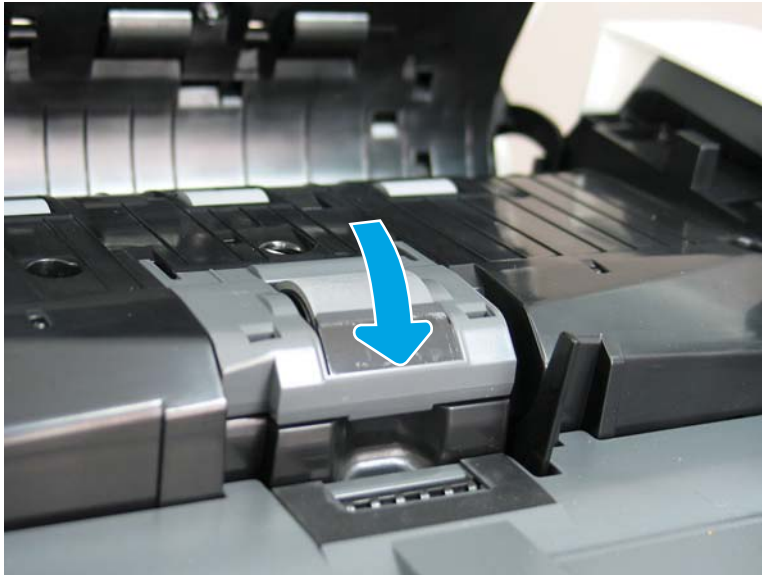
3. Install the document feeder rollers.
  - a. Install the left end of the replacement separation roller into the holder (callout 1), and then press the right side of the roller down (callout 2).

**Figure 1-55** Install the separation roller



- b. Close the document feeder separation roller cover.

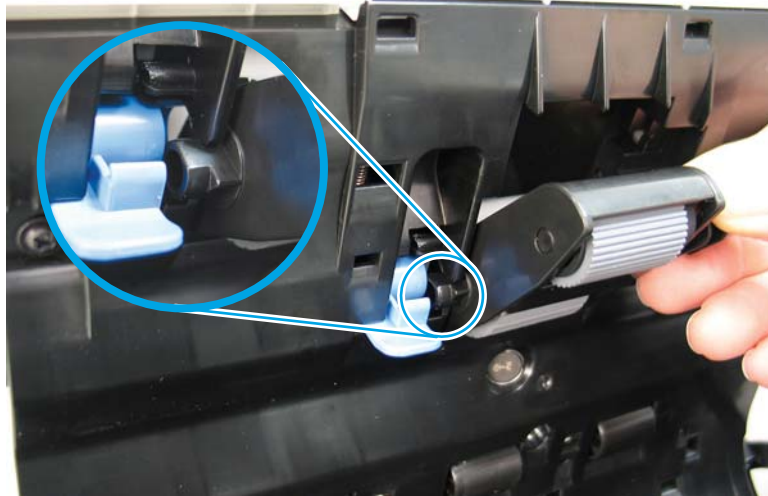
**Figure 1-56** Close the document feeder separation roller cover





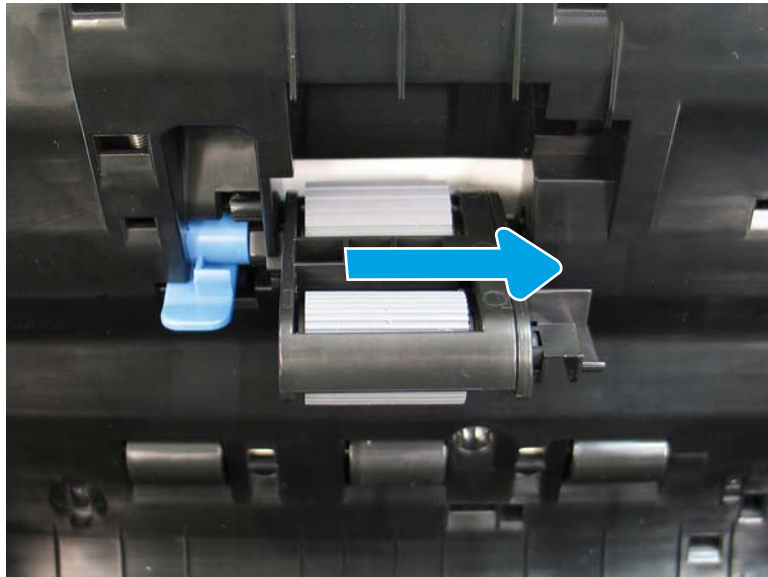
- c. Install the tab on the left end of the replacement pickup roller assembly into the slot in the document feeder.

Figure 1-57 Install the pickup roller



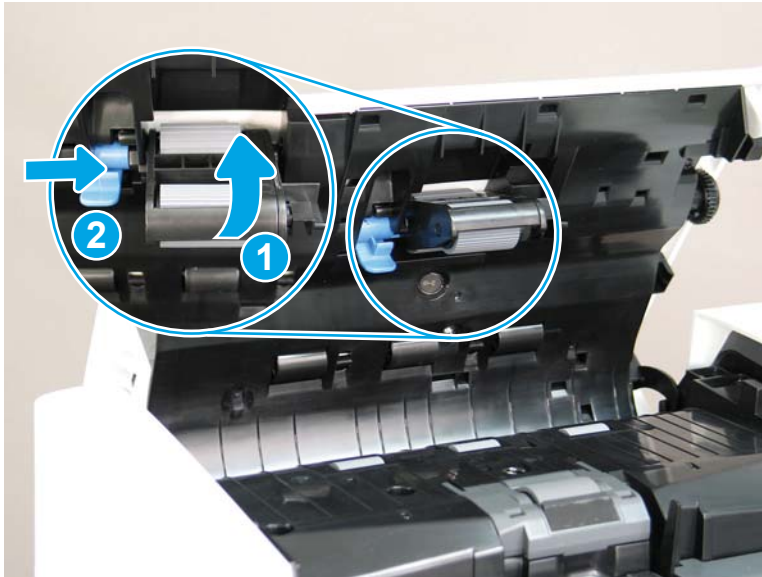
- d. Slide the pickup roller assembly toward the back of the printer.

Figure 1-58 Slide the pickup roller assembly



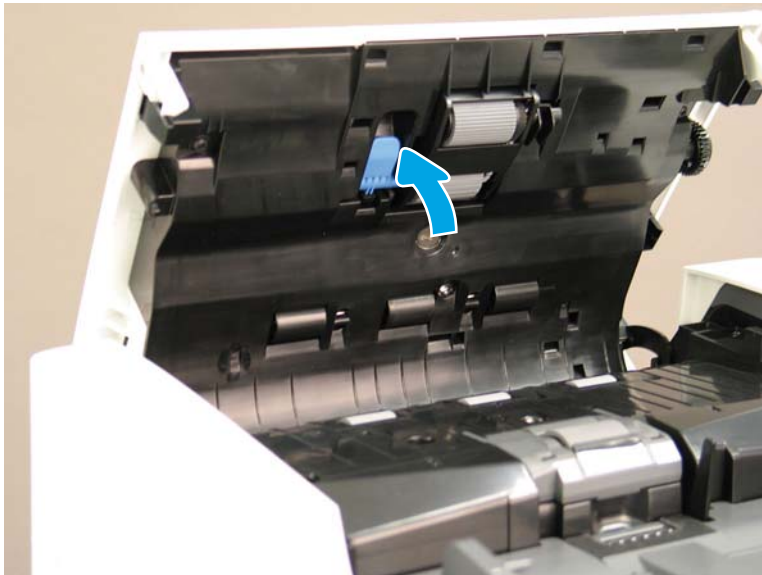
- e. Rotate the pickup roller assembly up into the holder (callout 1), and then slide the blue locking lever toward the back of the printer (callout 2).

Figure 1-59 Rotate and slide the roller assembly



- f. Rotate the blue locking lever up.

Figure 1-60 Rotate the blue locking lever up



- g. Close the document feeder cover.

**Figure 1-61** Close the document feeder cover



- h. From the Home screen on the printer control panel, do the following:
  1. Scroll to and touch the **Settings** button.
  2. Open the following menus:
    - i. **Manage Supplies**
    - ii. **Reset Supplies**
  3. Select the **Document Feeder Kit** item.
  4. Select the **Reset** item to reset the firmware counter.

## Removal and replacement: Tray 1 rollers (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the Tray 1 pickup and separation rollers.

 [View a video of how to remove and replace the Tray 1 pickup and separation rollers.](#)

Mean time to repair: 3 minutes


Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

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 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-10 Part information

Part number	Part description
RM2-1525-000CN	Tray 1 pickup and separation rollers

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from Tray 1 to make sure that the printer is functioning correctly.

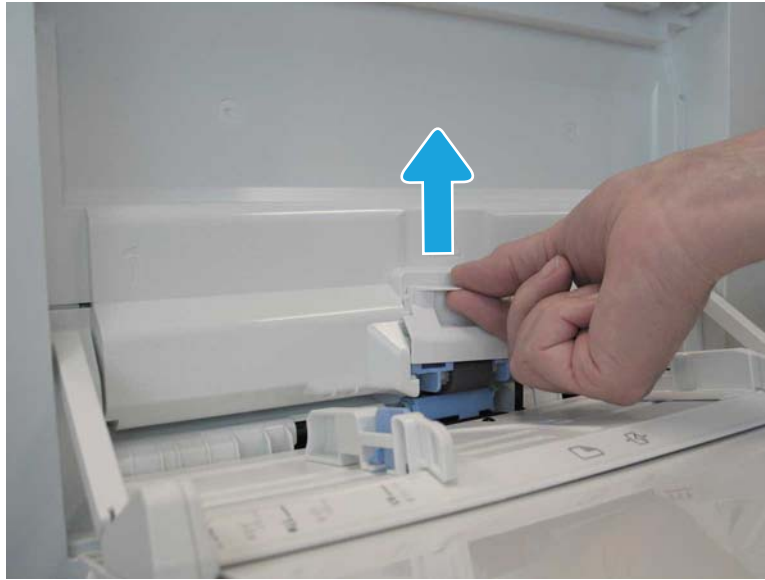
1. Remove the Tray 1 pickup roller.
  - a. Open Tray 1.

Figure 1-62 Open Tray 1



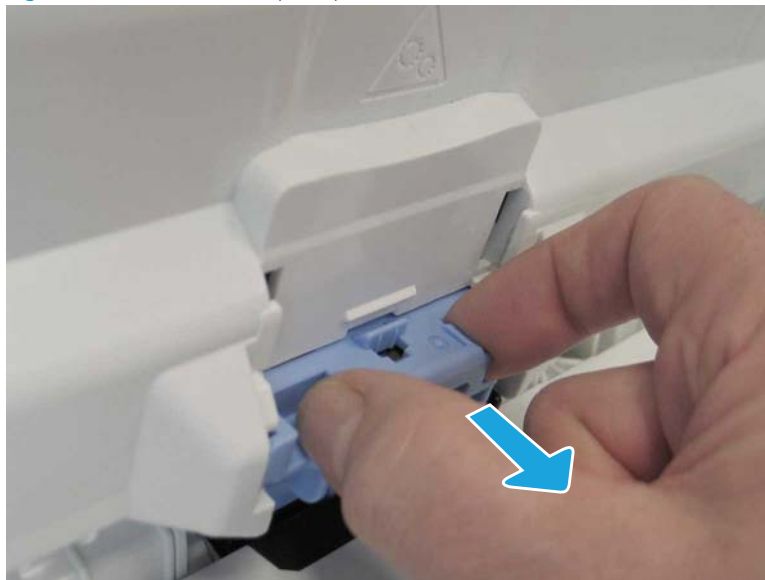
- b. Slide the pickup roller cover up to remove it.

Figure 1-63 Remove the pickup roller cover



- c. Slide the pickup roller away from the printer to remove it.

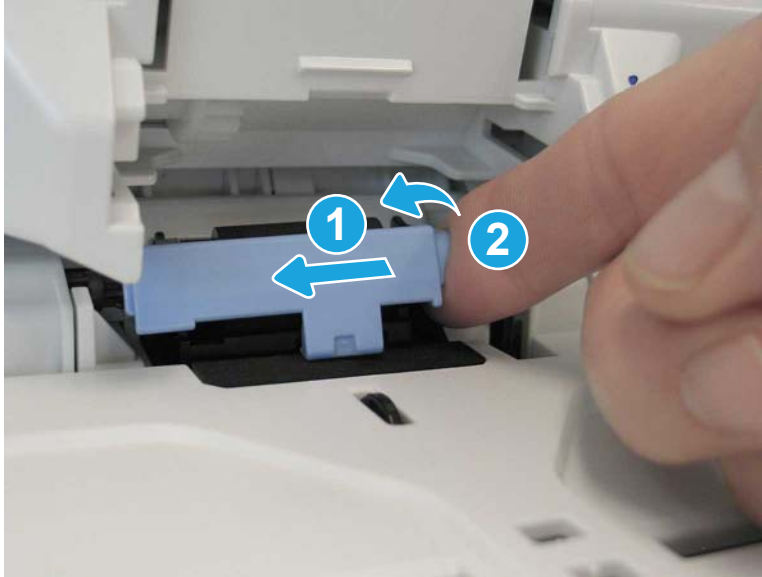
Figure 1-64 Remove the pickup roller



- 2. Remove the Tray 1 separation roller.

- ▲ Slide the separation roller to the left (callout 1), and then rotate the right side up (callout 2) to remove it.

Figure 1-65 Remove the separation roller



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

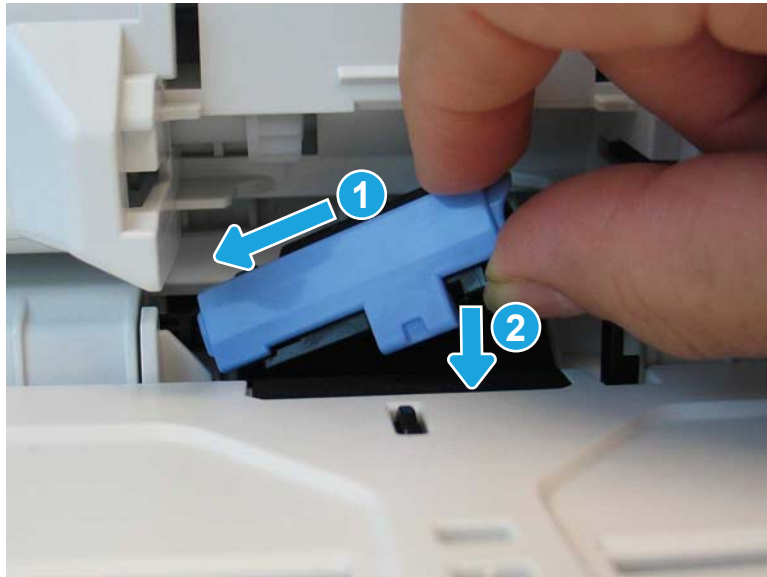
4. Install the Tray 1 separation roller.
  - a. When reinstalling the separation roller, note the tab on the roller that fits into the slot on the printer.

Figure 1-66 Note the tab on the roller



- b. Slide the roller assembly to the left (callout 1), and then lower it (callout 2) until it snaps into place.

Figure 1-67 Install the separation roller



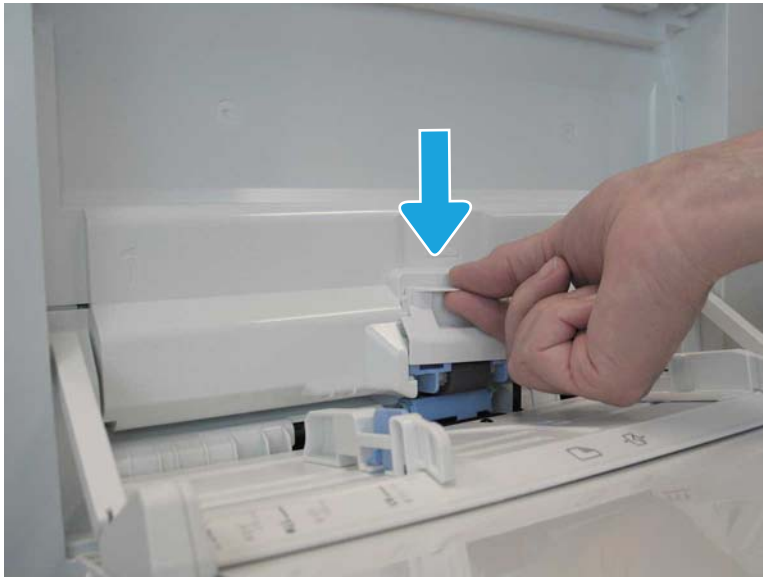
5. Install the Tray 1 pickup roller.
  - a. Align the roller housing with the slots in the printer, and then slide the roller assembly into the printer.

Figure 1-68 Install the pickup roller



- b. Position the pickup roller cover on the printer, and then slide it down to install it.

Figure 1-69 Install the pickup roller cover





- c. Close Tray 1.

Figure 1-70 Close Tray 1



## Removal and replacement: Tray 2 rollers (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the Tray 2 pickup and separation rollers.

 [View a video of how to remove and replace the Tray 2 pickup and separation rollers.](#)


Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-11 Part information

Part number	Part description
RM2-1526-000CN	Tray 2-x pickup and separation rollers

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from Tray 2 to make sure that the printer is functioning correctly.

1. Remove the Tray 2 separation roller.
  - a. Open Tray 2.

Figure 1-71 Open Tray 2



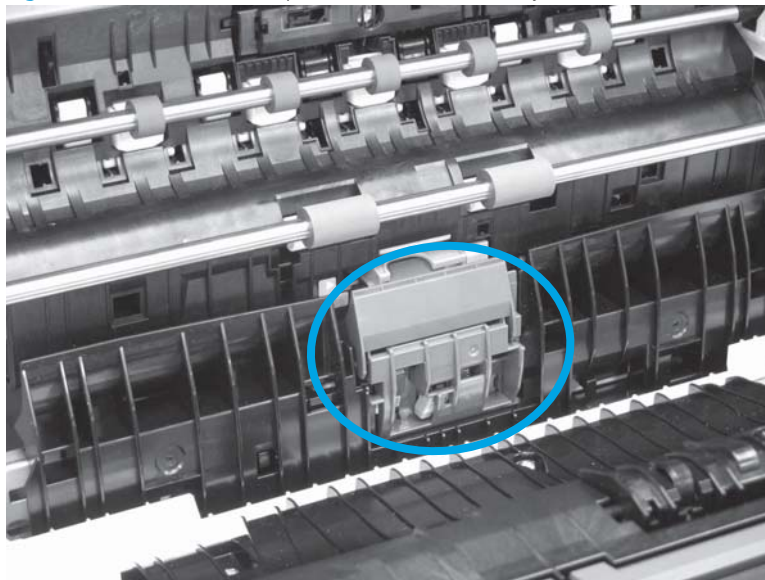
- b. Open the right door.

Figure 1-72 Open the right door



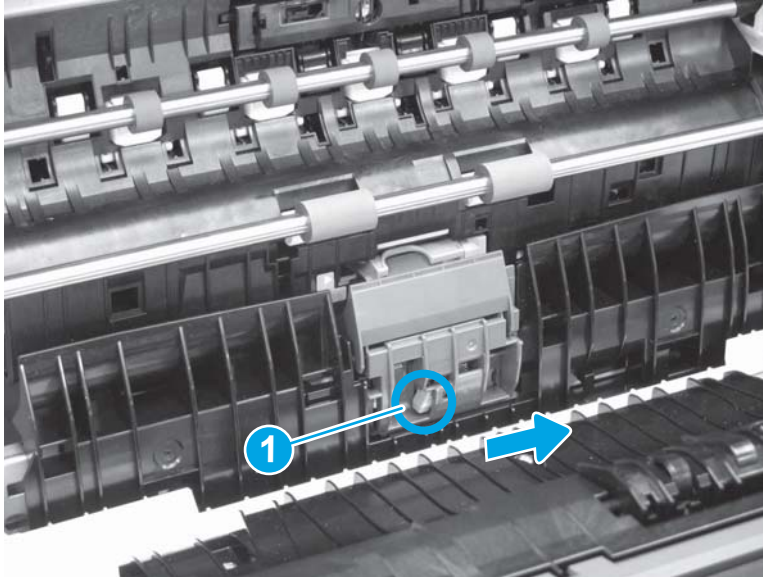
- c. Locate the separation roller assembly.

Figure 1-73 Locate the separation roller assembly



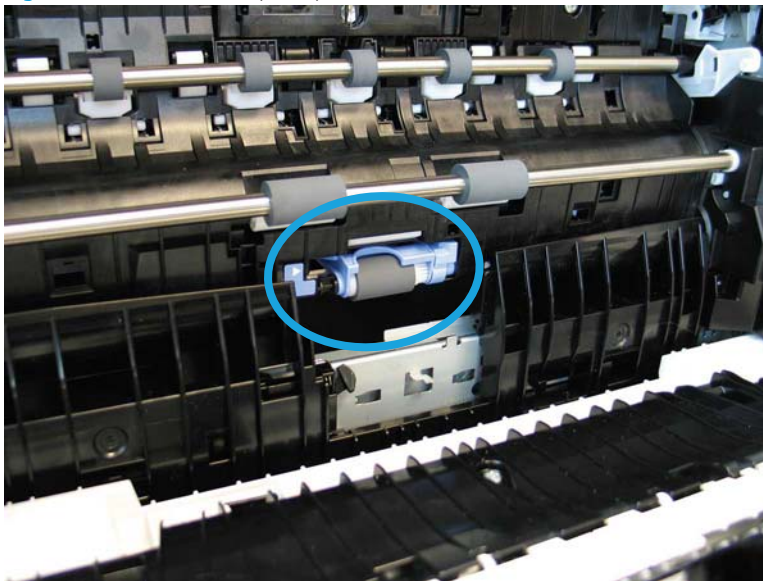
- d. Press the release button (callout 1), slide the assembly to the right, and then pull it away from the printer to remove it.

Figure 1-74 Remove the separation roller assembly



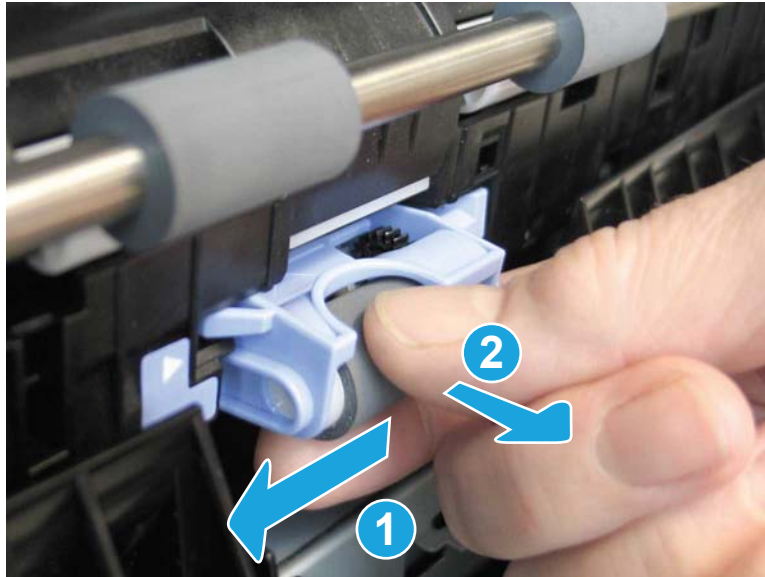
2. Remove the Tray 2 pickup roller.
  - a. Locate the pickup roller.

Figure 1-75 Locate the pickup roller



- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

**Figure 1-76** Remove the pickup roller



- 3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

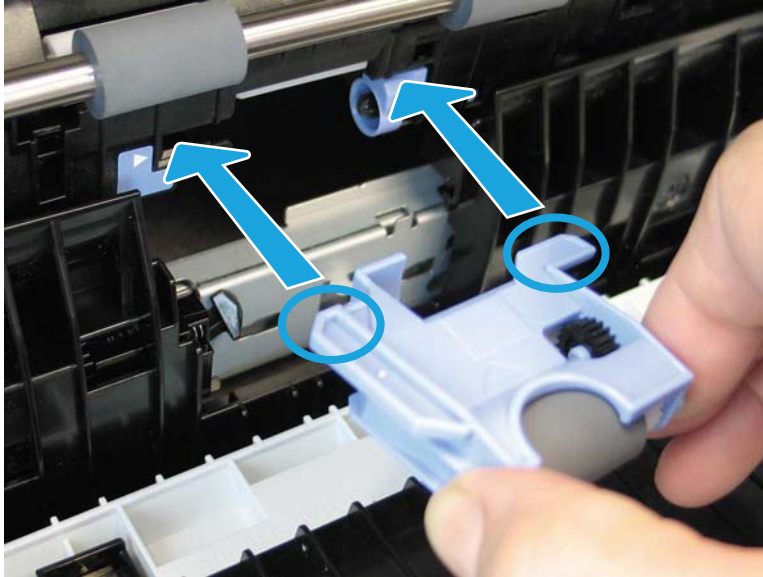
- 4. Install the Tray 2 pickup roller.



**NOTE:** Make sure that the tray is open before installing the roller.

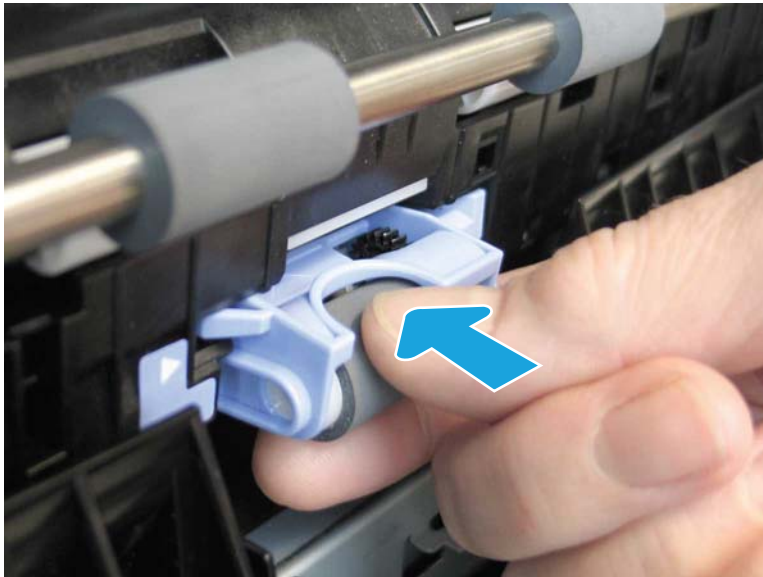
- a. Align the edges of the pickup roller assembly with the slots in the printer.

Figure 1-77 Position the pickup roller




- b. Slide the roller assembly into the printer until it stops.

Figure 1-78 Install the pickup roller



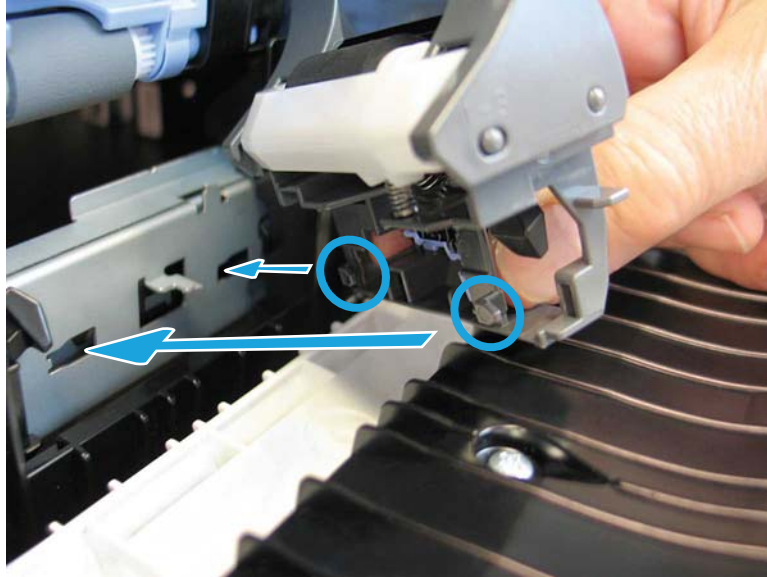
5. Install the Tray 2 separation roller assembly.

---

 **NOTE:** Make sure that the tray is open before installing the roller.

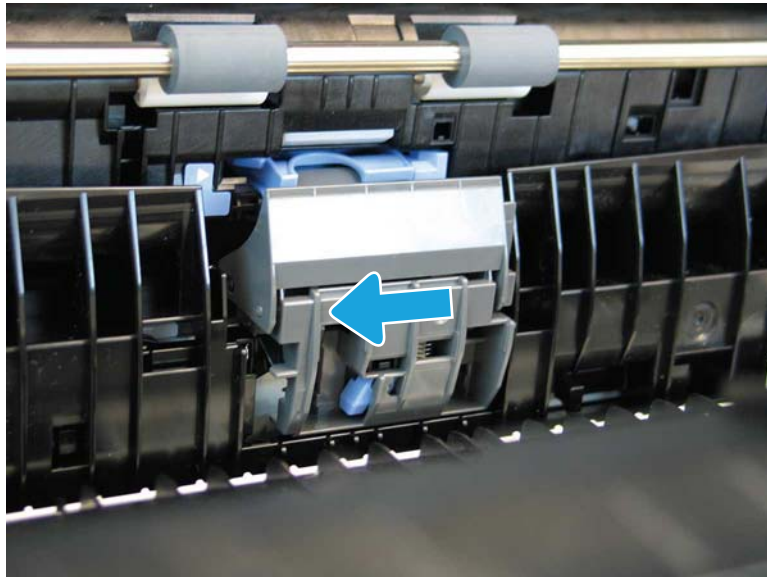
- a. Position the tabs on the separation roller assembly into the slots on the printer.

Figure 1-79 Position the separation roller assembly



- b. Slide the roller assembly to the left until it snaps into place.

Figure 1-80 Install the separation roller assembly



- c. Close the right door.

Figure 1-81 Close the right door



- d. Close Tray 2.

Figure 1-82 Close Tray 2



 **NOTE:** When closing the tray, if you feel resistance, verify that the roller was installed correctly. Do not force the tray closed.

## Removal and replacement: Fuser (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the fuser.

 [View a video of how to remove and replace the fuser.](#)

Mean time to repair: 2 minutes




Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-12 Part information**

Part number	Part description
3WT87-67901	HP LaserJet 110V fuser kit (M751/E75245)
3WT88-67901	HP LaserJet 220V fuser kit (M751/E75245)
4YL16-67901	HP LaserJet 110V fuser kit (M856/E85055/M776)
4YL17-67901	HP LaserJet 220V fuser kit (M856/E85055/M776)

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

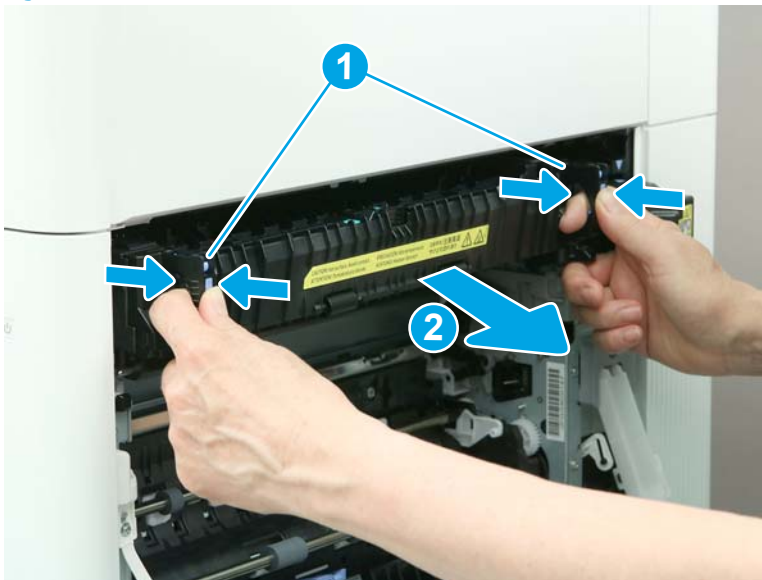
1. Remove the fuser.
  - a. Open the right door.

Figure 1-83 Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

Figure 1-84 Remove the fuser



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

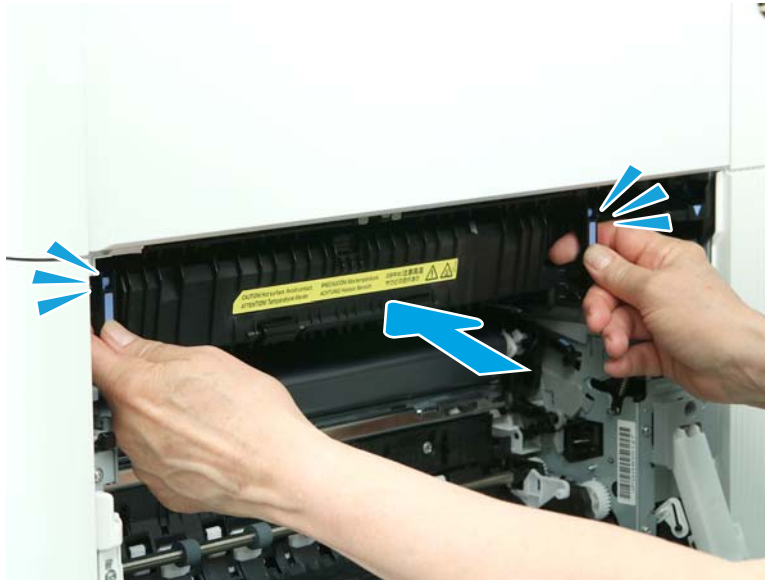
- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

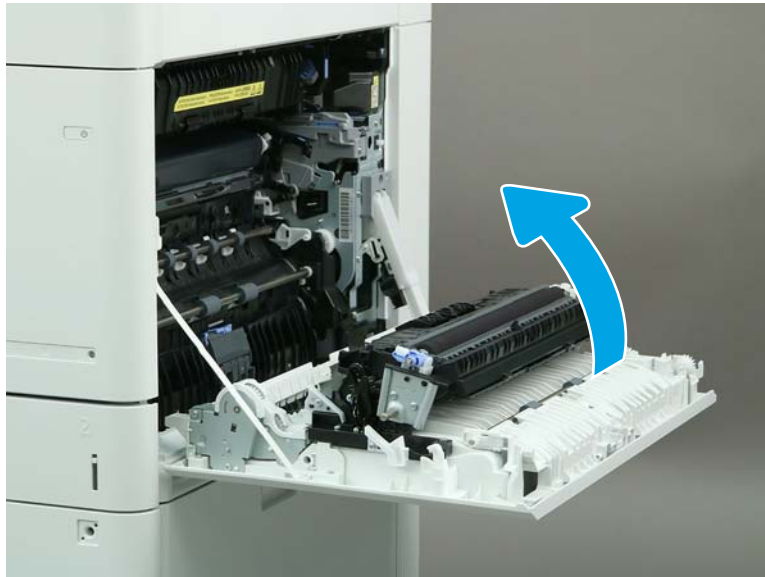
3. Install the fuser.
  - a. Install the fuser completely into the printer until it clicks into place.

**Figure 1-85** Install the fuser



- b. Close the right door.

**Figure 1-86** Close the right door



### Removal and replacement: Intermediate transfer belt (ITB; M751/E75245/M856/E85055/M776)

Learn how to remove and replace the intermediate transfer belt (ITB).

 [View a video of how to remove and replace the intermediate transfer belt.](#)


Mean time to repair: 2 minutes

Service level: CSR A

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-13 Part information

Part number	Part description
RM2-1504-000CN	Intermediate transfer belt

## Required tools

- No special tools are required to remove or install this assembly.

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

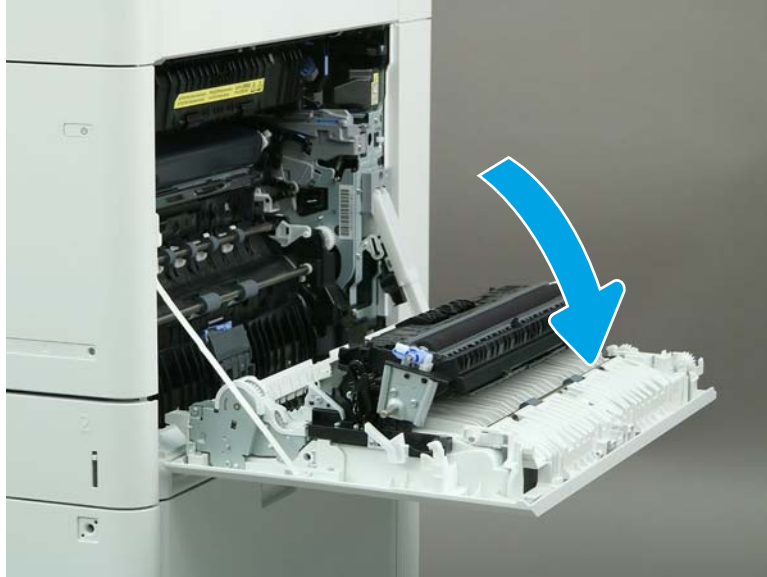
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the intermediate transfer belt (ITB).
  - a. Open the right door.

Figure 1-87 Open the right door



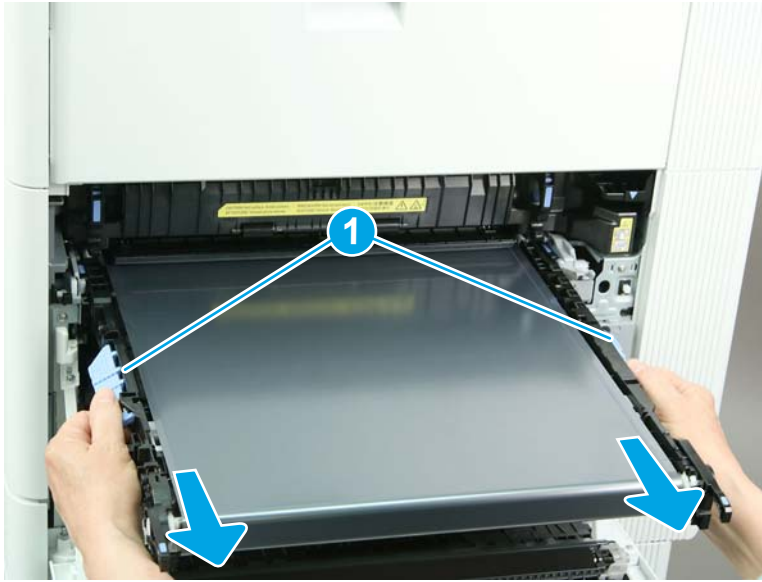
- b. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-88 Partially remove the ITB



- c. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-89 Remove the ITB



2. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. Install the ITB.

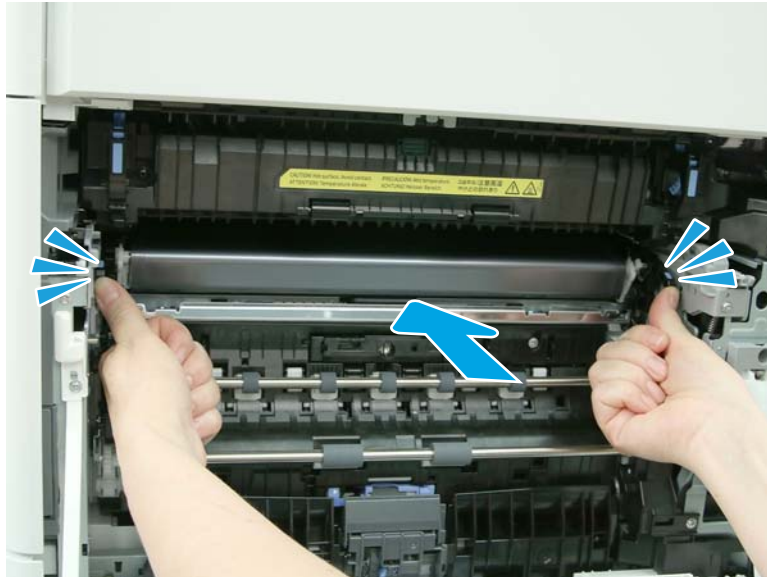
- a. Align the blue tabs on the ITB with the guides inside the printer, and then begin to carefully slide it into the printer.

Figure 1-90 Align the ITB



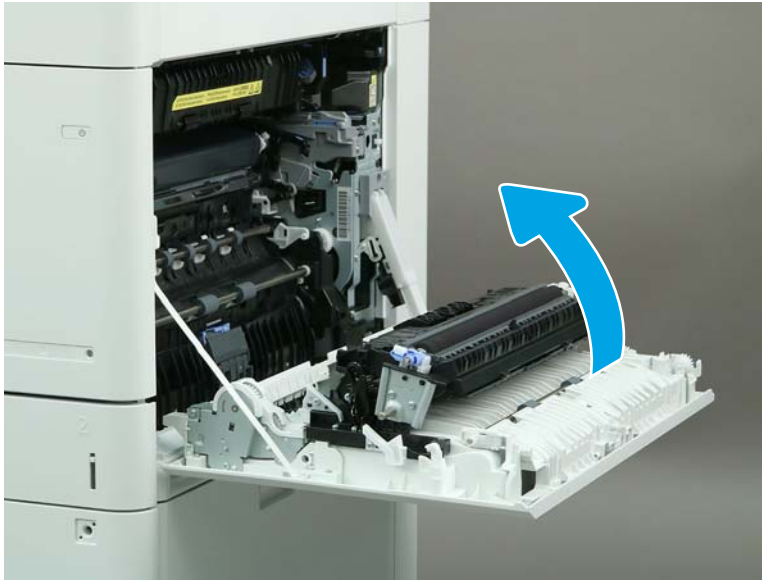
- b. Using the blue handles, continue to carefully slide the ITB into the printer until it snaps into place.

Figure 1-91 Install the ITB



- c. Close the right door.

Figure 1-92 Close the right door



## Removal and replacement: Toner collection unit (TCU; M751/E75245/M856/E85055/M776)

Learn how to remove and replace the toner collection unit (TCU).

 [View a video of how to remove and replace the toner collection unit.](#)


Mean time to repair: 1 minute

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-14 Part information

Part number	Part description
3WT90-67901	Toner collection unit

### Required tools

- No special tools are required to remove or install this assembly.



### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the TCU.
  - a. Open the front door.

**Figure 1-93** Open the front door



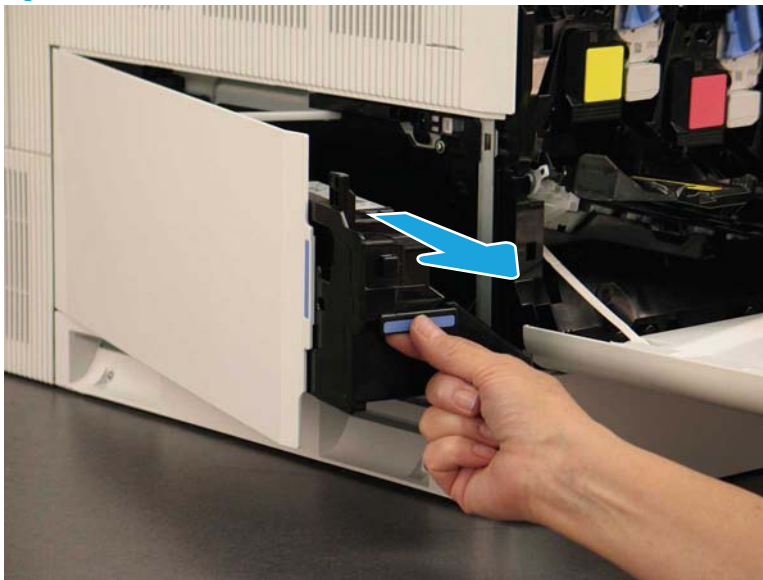
- b. Open the left door.

**Figure 1-94** Open the left door



- c. Grasp the front of the TCU, and then remove it from the printer.

**Figure 1-95** Remove the TCU



2. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

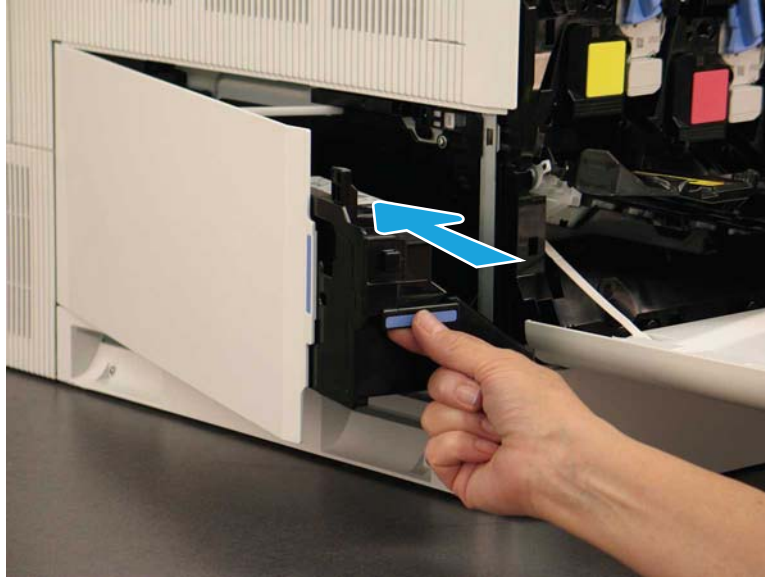
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 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

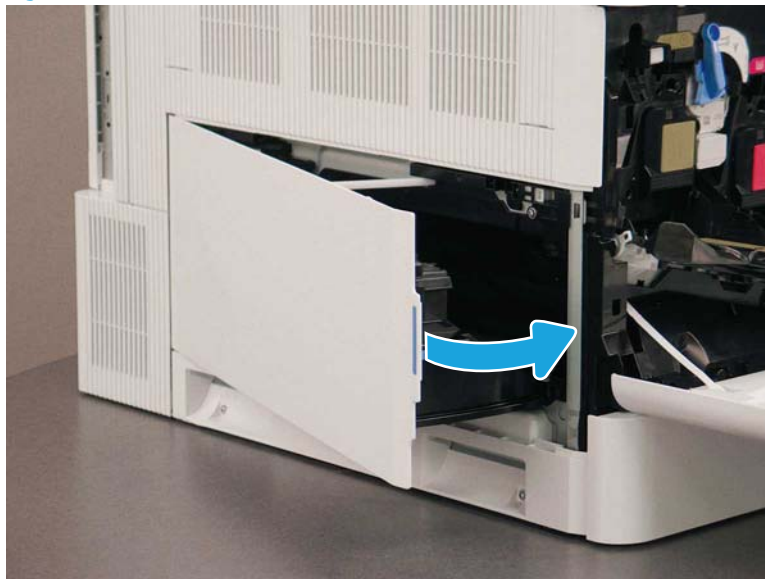
3. Install the TCU.
  - a. Install the new TCU into the printer. Make sure that it is fully installed.

**Figure 1-96** Install the TCU



- b. Close the left door.

**Figure 1-97** Close the left door




- c. Close the front door.

Figure 1-98 Close the front door



## Removal and replacement: Secondary transfer roller (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the secondary transfer roller.

 [View a video of how to remove and replace the secondary transfer roller.](#)


Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-15 Part information

Part number	Part description
RM2-1399-010CN	Secondary transfer roller

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

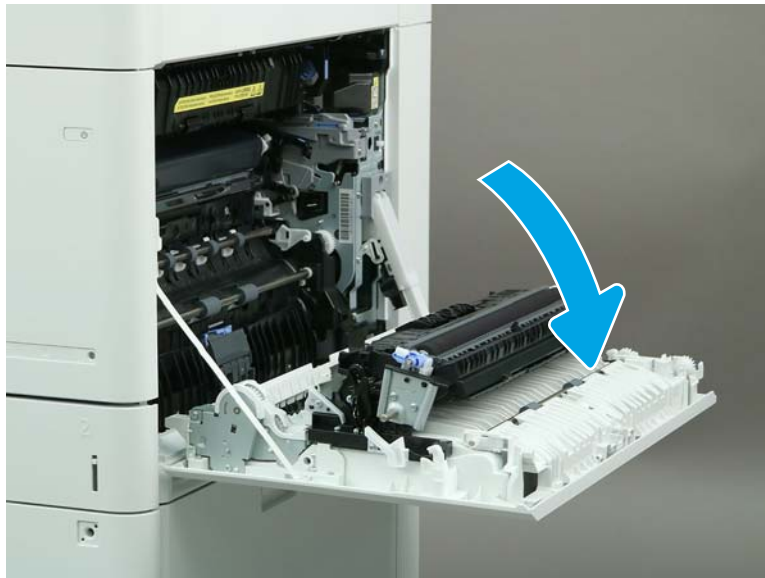
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

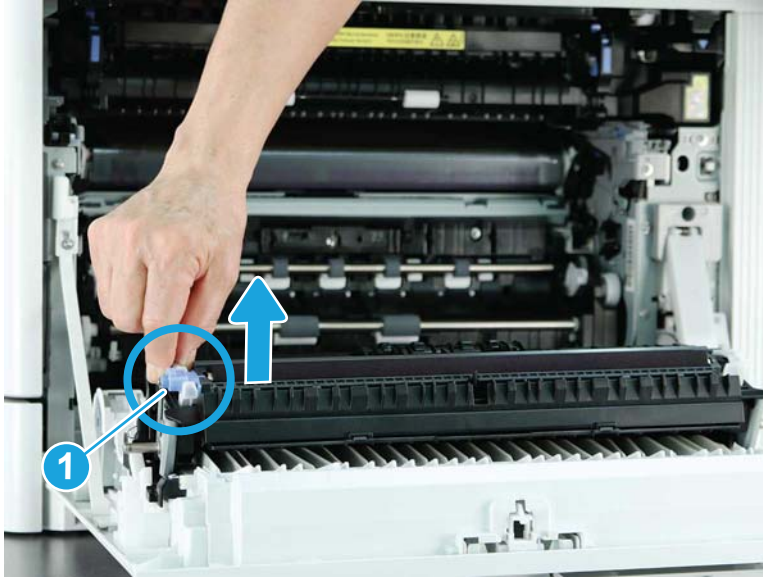
1. Remove the secondary transfer roller.
  - a. Open the right door.

**Figure 1-99** Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

**Figure 1-100** Release the transfer roller



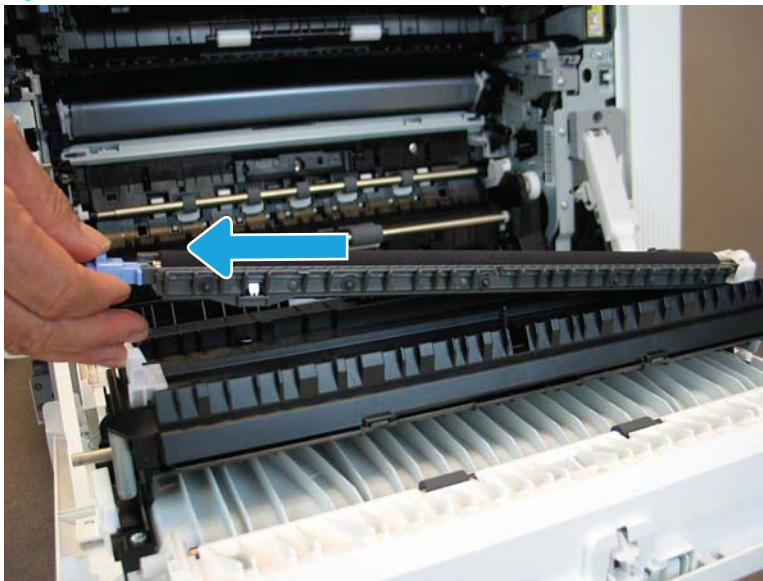
- c. Slide the transfer roller to the left to remove it.

---

**CAUTION:** Do not touch the surface of the secondary transfer roller.

---

**Figure 1-101** Remove the secondary transfer roller



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---


**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.

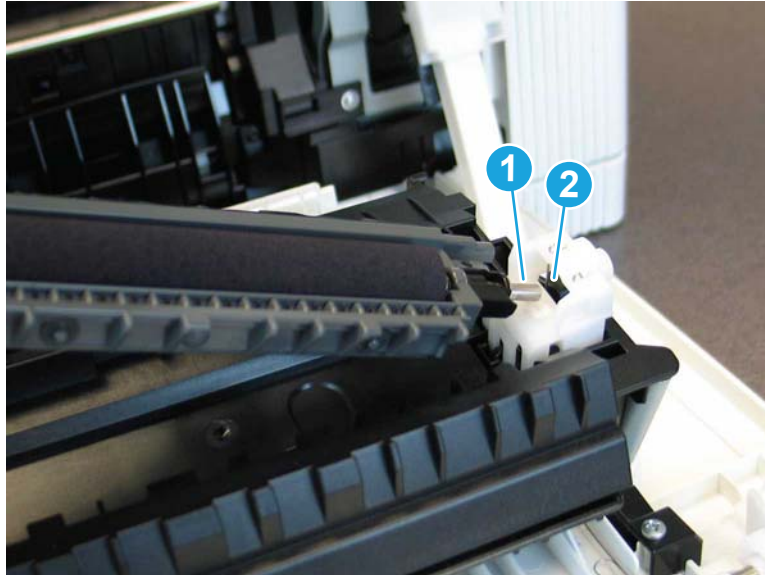
---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

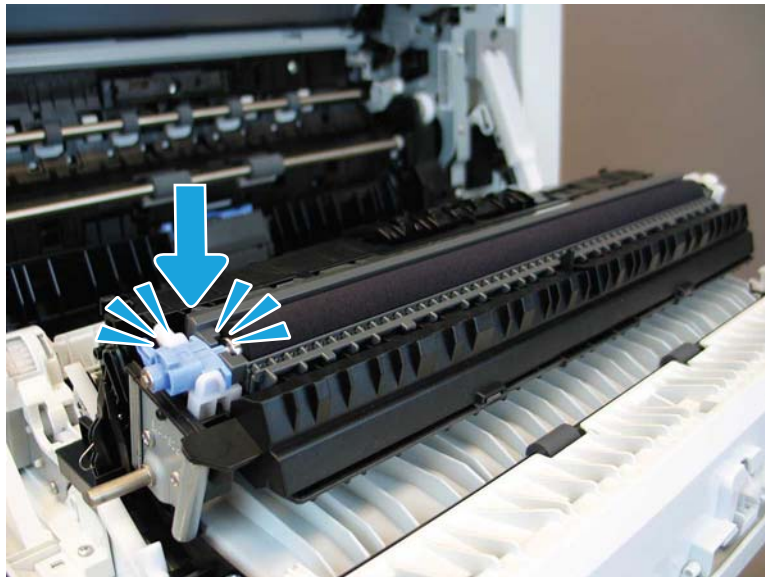
3. Install the secondary transfer roller.
  - a. Position the shaft (callout 1) on the secondary transfer roller into the opening (callout 2) in the right door.

**Figure 1-102** Position the secondary transfer roller



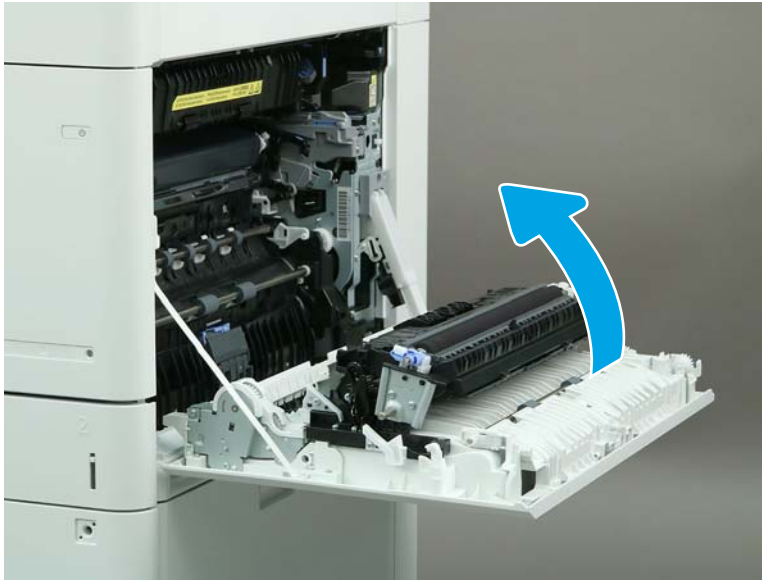
- b. Press the left edge of the secondary transfer roller down until it snaps into place.

**Figure 1-103** Install the secondary transfer roller



- c. Close the right door.

**Figure 1-104** Close the right door



## Removal and replacement: Control panel (M751/E75245)

Learn how to remove and replace the control panel.

 [View a video of how to remove and replace the control panel.](#)


Mean time to repair: 3 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-16** Part information

Part number	Part description
5851-7253	Control panel

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver



## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

1. Remove the control panel.

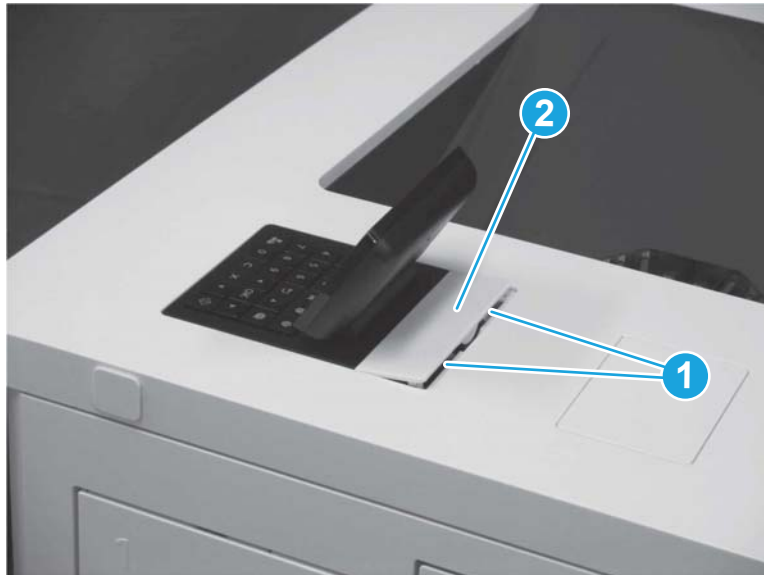
---

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

---

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

**Figure 1-105** Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-106 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-107 Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-108** Disconnect two connectors



2. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

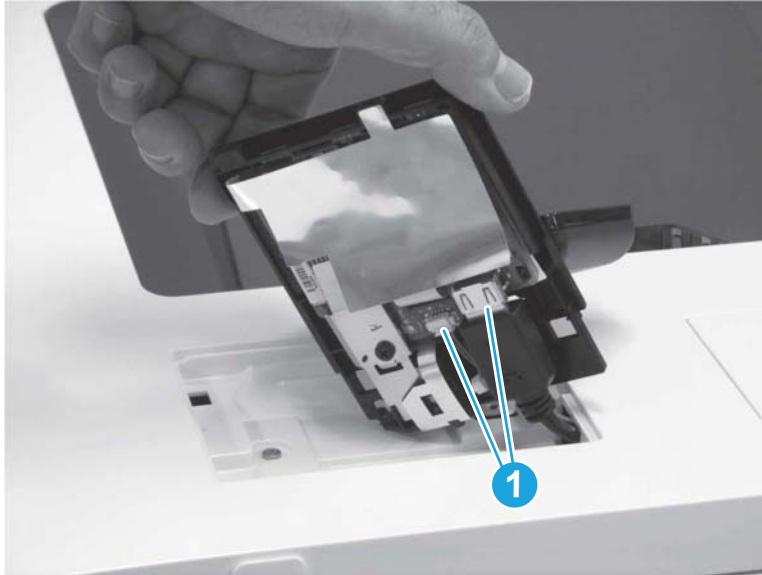


**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. Install the control panel.

- a. Connect two connectors (callout 1).

Figure 1-109 Connect two connectors



- b. Slide the front edge of the control panel into the opening in the top cover (callout 1), and then lower the back edge down (callout 2).

Figure 1-110 Position the control panel



- c. Install one screw (callout 1).

**Figure 1-111** Install one screw



- d. Install the control panel cover (callout 1).

**Figure 1-112** Install the control panel cover



### Removal and replacement: Control panel (M856/E85055)

Learn how to remove and replace the control panel.

 [View a video of how to remove and replace the control panel.](#)

Mean time to repair: 3 minutes


Service level: CSR A

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-17** Part information

Part number	Part description
K0Q15-67901	Control panel (M856/E85055)

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.


### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the control panel (M856/E85055).

---

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

---

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-113 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-114 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-115** Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

**Figure 1-116** Disconnect two connectors



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.





**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

**IMPORTANT:**  Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

3. Install the control panel (M856/E85055).
  - a. Connect two connectors (callout 1).

**Figure 1-117** Connect two connectors



- b. Slide the front edge of the control panel into the opening in the top cover (callout 1), and then lower the back edge down (callout 2).

**Figure 1-118** Position the control panel



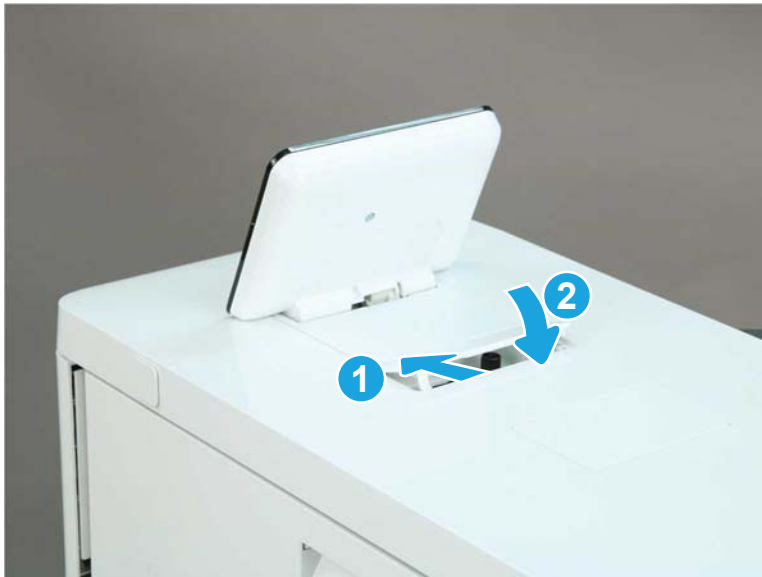
- c. Install one screw (callout 1).

Figure 1-119 Install one screw



- d. Position the front of the control panel cover in the opening (callout 1), and then rotate the cover down to install it (callout 2).

Figure 1-120 Install the control panel cover



### Removal and replacement: Control panel (M776)

Learn how to remove and replace the control panel.

 [View a video of how to remove and replace the control panel.](#)

Mean time to repair: 7 minutes

Service level: CSR A

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-18** Part information

Part number	Part description
J7Z09-67928	Control panel (M776dn/M776z/M776zs)

## Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-121 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

---

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-122 Release the control panel cover



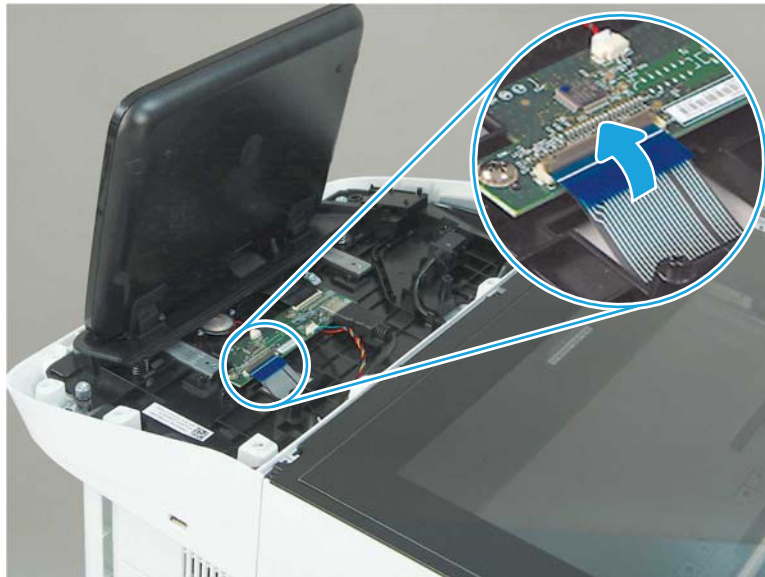
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-123 Remove the control panel cover



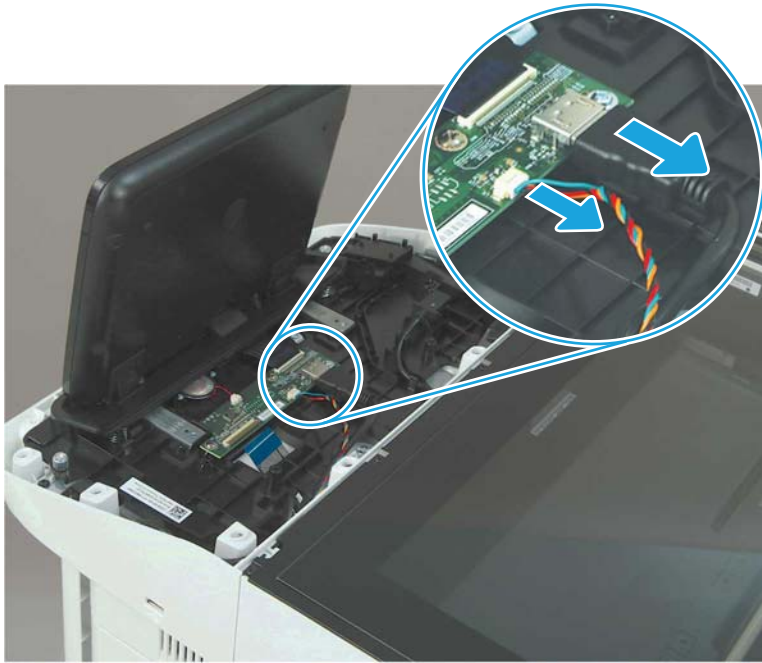
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-124 Release the keyboard flat cable (M776z/M776zs)



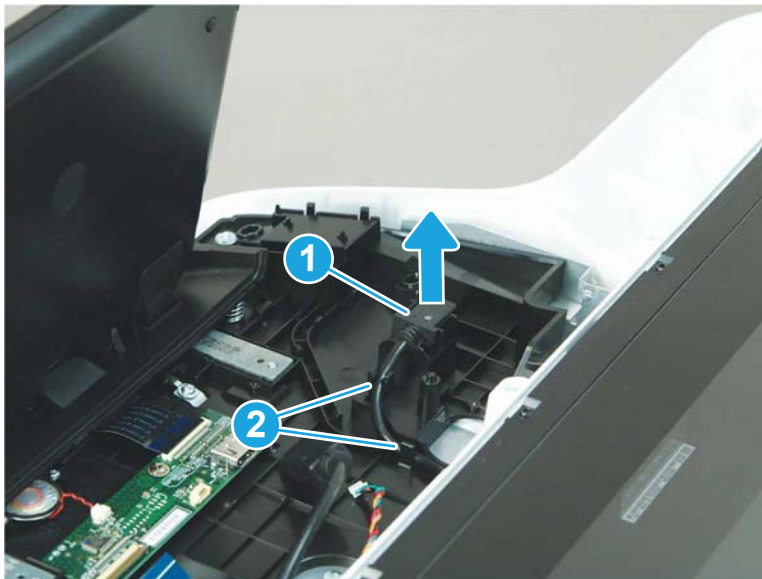
- e. Disconnect two connectors

Figure 1-125 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-126 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-127 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-128 Remove the control panel



- 2. Unpack the replacement assembly.

- a. Dispose of the defective part.





**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

---

**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

**IMPORTANT:**  Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

3. Install the control panel (M776).
  - a. Raise the display on the replacement control panel.

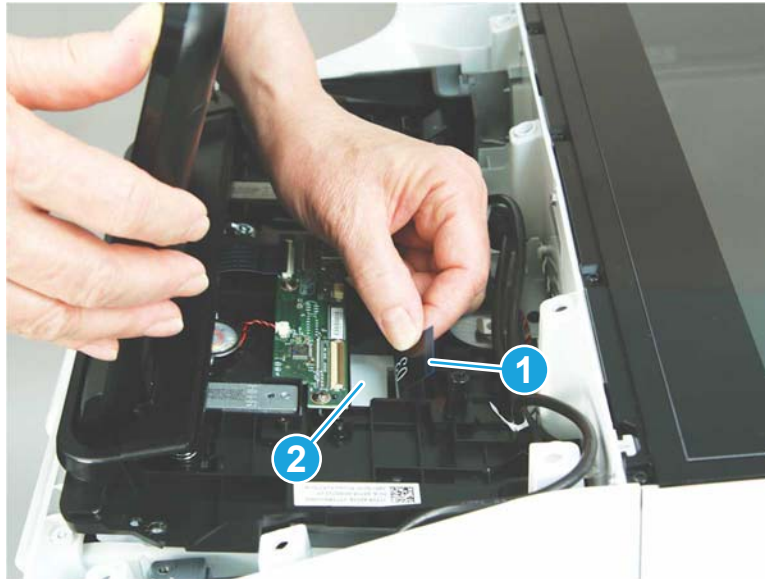
**Figure 1-129** Raise the control panel display





- b. **M776z or M776zs only:** When installing the control panel, make sure that the keyboard flat cable (callout 1) passes through the opening (callout 2) in the control panel base.

**Figure 1-130** Check the keyboard flat cable (M776z/M776zs)



- c. Locate the four hooks on the printer and matching slots in the control-panel base (callout 1). The hooks fit into the slots (callout 2) when the assembly is installed.


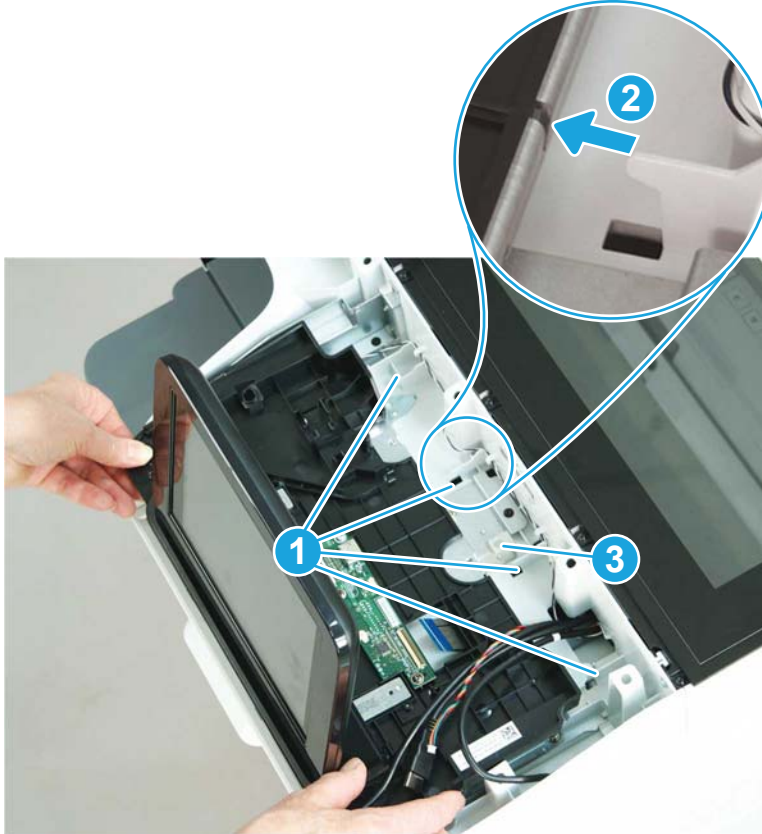
 **NOTE:** Make sure that the grounding clip (callout 3) is on top of the assembly base when it is installed.

Figure 1-131 Locate the hooks and slots



- d. Position the rear edge of the control panel in the printer (callout 1), and then lower the front edge down (callout 2) to install it.


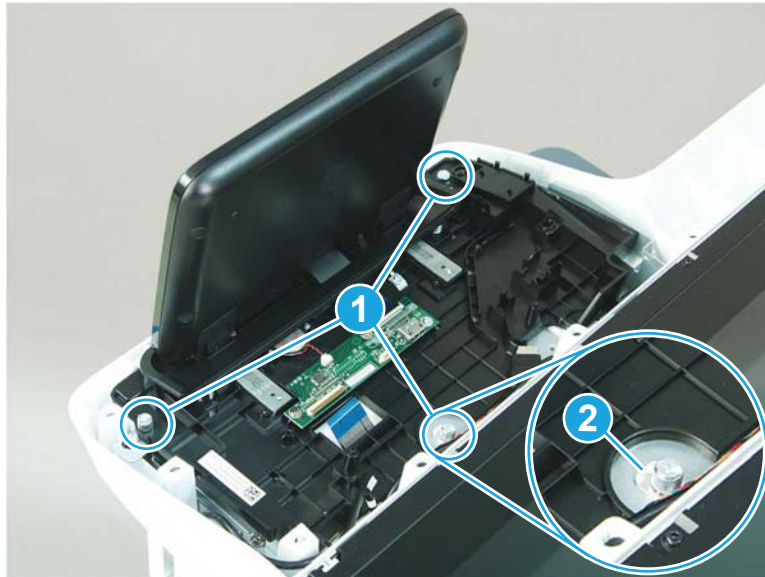
 **NOTE:** If the control panel is difficult to install, make sure that the hooks, slots, and grounding clip are correctly engaged. See the previous step.

Figure 1-132 Install the control panel



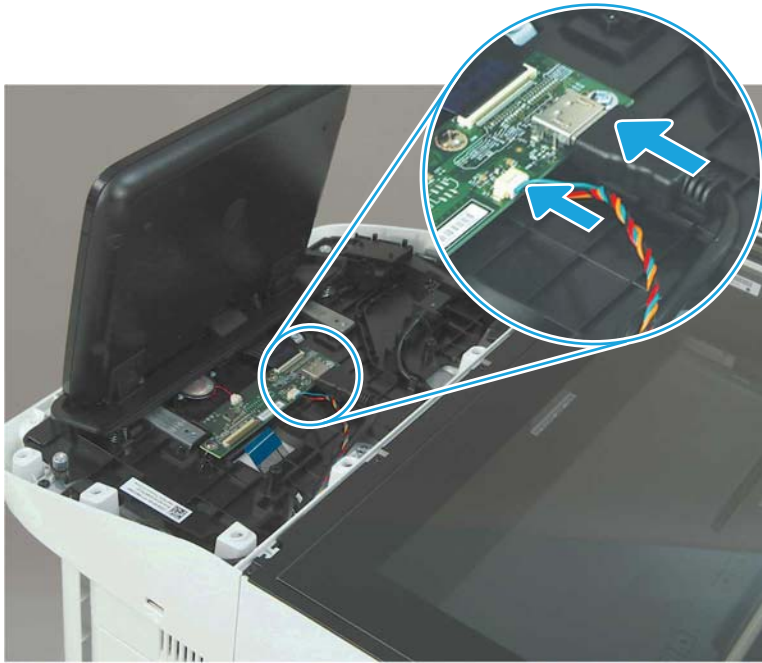
- e. Install three screws (callout 1), making sure that the grounding clip (callout 2) is correctly installed.

Figure 1-133 Install three screws



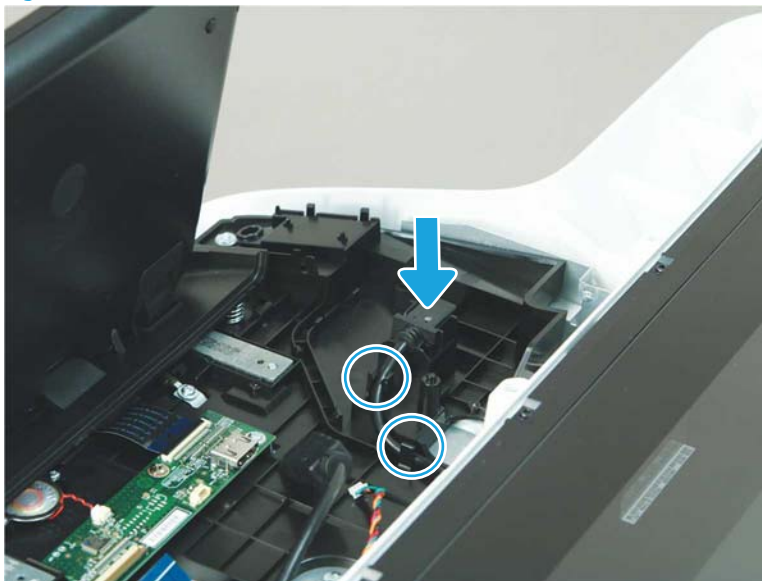
- f. Connect two connectors

Figure 1-134 Connect two connectors





- g. Position the USB cable in the holder, and then install the cable into two retainers.

Figure 1-135 Install the USB cable

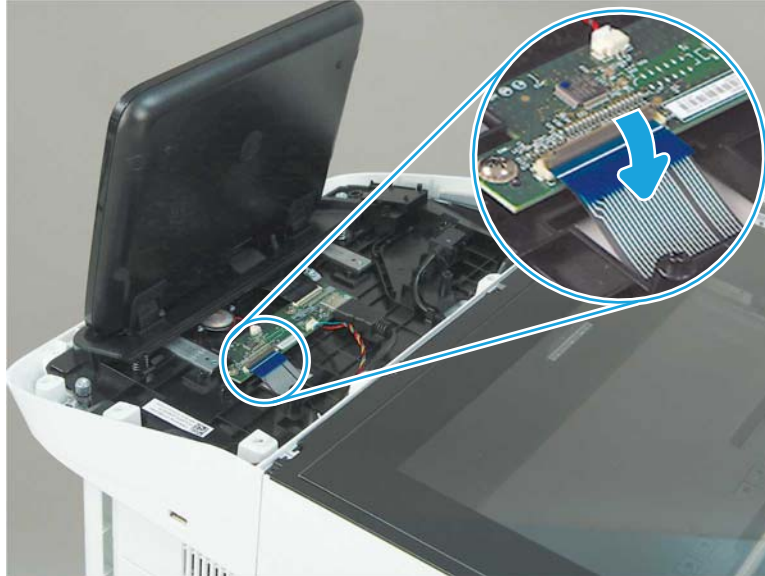


- h. **M776z or M776zs only:** Position the keyboard flat cable in the connector, and then close the connector latch..

 **IMPORTANT:** Slightly tug on the cable to make sure that it is fully captured in the connector.

 **NOTE:** When the connector latch is closed and the cable is correctly installed, the white line on the cable is parallel to the connector latch.

**Figure 1-136** Install the keyboard flat cable (M776z/M776zs)



- i. Position the control panel cover over the control panel (callout 1), and then tilt the back of the cover down (callout 2).

**Figure 1-137** Position the control panel cover



- j. Beginning at the left side of the control-panel cover, carefully push down along the top edge of the cover to engage five tabs.

**Figure 1-138** Install the control panel cover



- k. Lower the document feeder (callout 1) and the control panel (callout 2).

**Figure 1-139** Close the document feeder



### Removal and replacement: Document feeder reflector (M776)

Learn how to remove and replace the document feeder reflector.

Mean time to repair: 2 minutes

Service level: CSR A

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-19** Part information

Part number	Part description
J7Z09-67926	White backing A3 kit

## Required tools

- No special tools are required to remove or install this assembly.

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

No post service test is available for this assembly.

1. Remove the document feeder reflector (M776dn/M776z/M776zs).
  - a. Raise the document feeder.

**Figure 1-140** Raise the document feeder



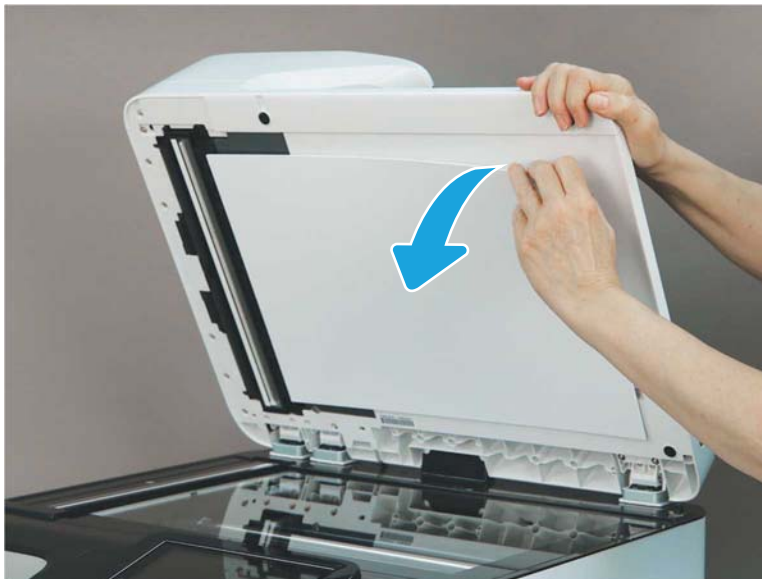
- b. Before proceeding, take note of the location of the tabs that fasten the reflector to the document feeder.

Figure 1-141 Reflector tabs location



- c. Starting along the top edge of the reflector, carefully pull it away from the document feeder to release it.

Figure 1-142 Release the reflector





- d. Remove the reflector.

Figure 1-143 Remove the reflector




- e. Check the document feeder for any reflector tabs (callout 1) that were not removed with the reflector. Remove any tabs still attached to the document feeder.

Figure 1-144 Check for reflector tabs



- 2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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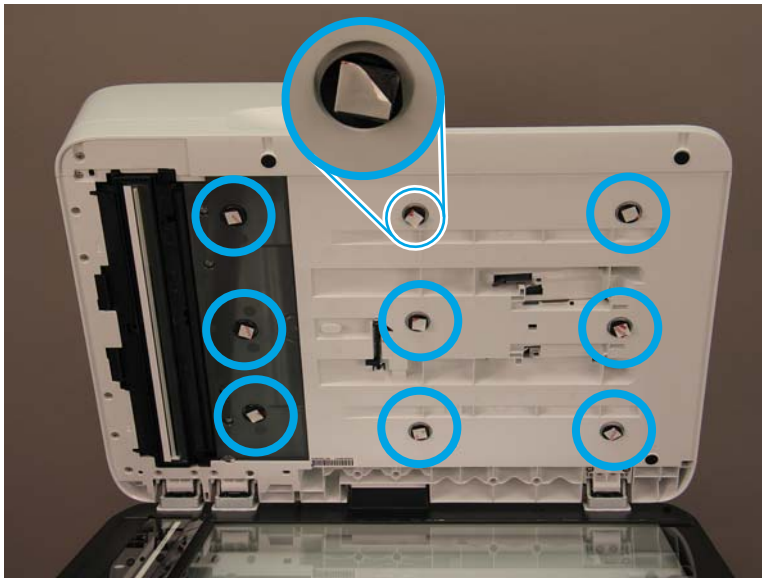
3. Install the document feeder reflector (M776dn/M776z/M776zs).

a. Install nine clips (provided in the kit) into the mounting holes in document feeder.

 **TIP:** The clips make an audible click when they are snapped into place.

---

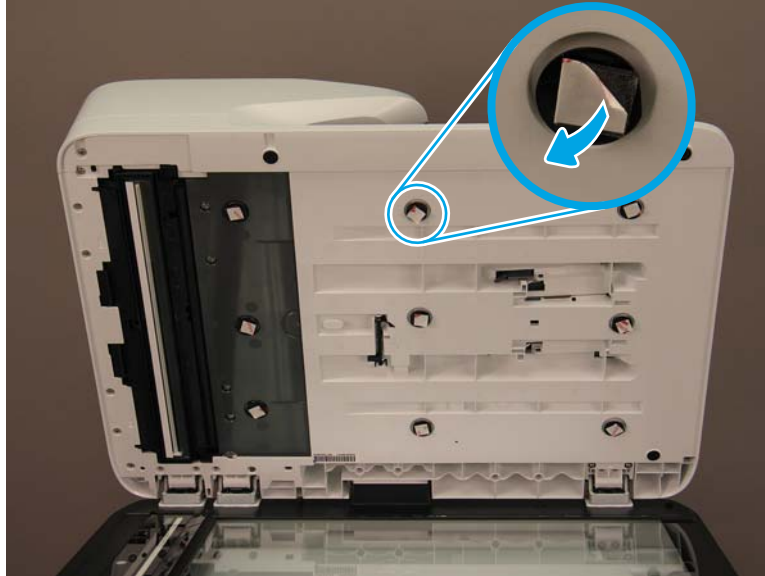
**Figure 1-145** Install nine clips



- b. Peel the protective backing off of the adhesive pads on each clip.

 **IMPORTANT:** Do not touch the exposed sticky side of the adhesive pad after removing the protective backing.

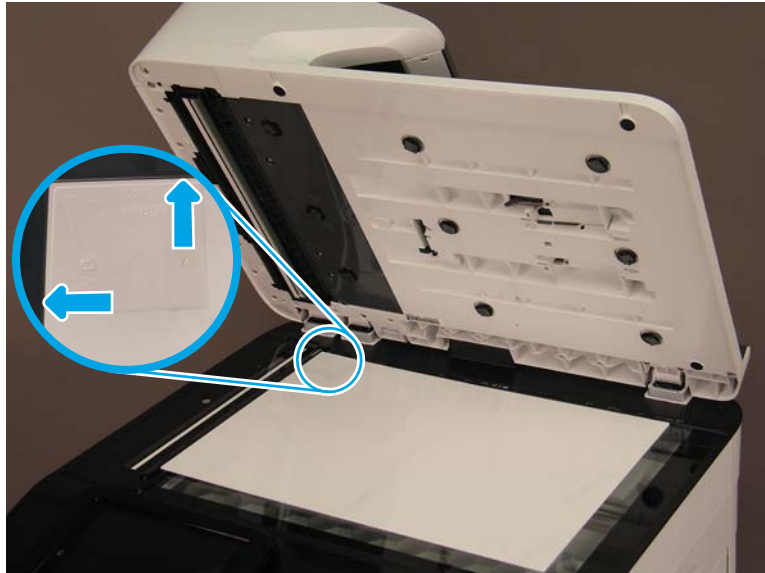
Figure 1-146 Peel the protective backing



- c. Place the reflector on the scanner glass. Make sure that the rear and left edge of the reflector are aligned with the rear and left edge of the scanner glass.

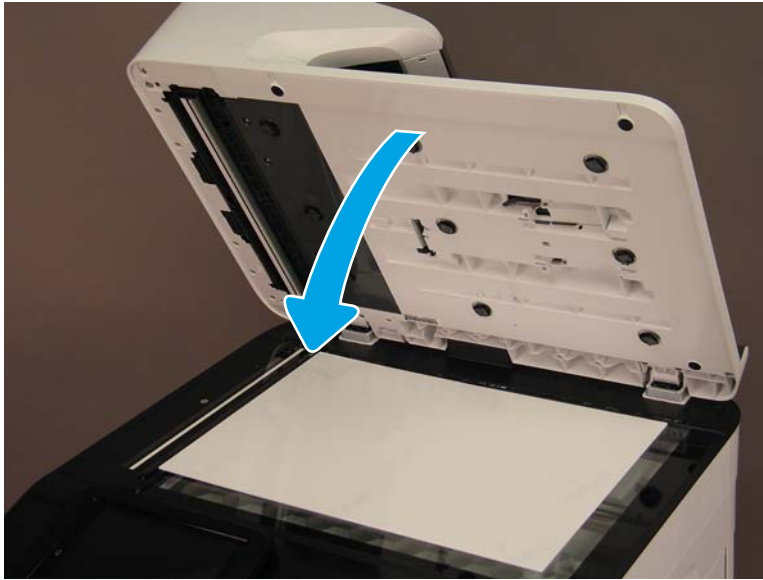
 **IMPORTANT:** The embossed arrow on the reflector must be positioned in the bottom-left corner.

Figure 1-147 Position the reflector



- d. Close the document feeder.

Figure 1-148 Close the document feeder



- e. Push down on the document feeder to adhere the reflector to the mounting clips.

Figure 1-149 Push down on the document feeder



- f. Open the document feeder, and then push in on the nine reflector tabs to make sure they are fully adhered to the reflector.

Figure 1-150 Push the nine tabs



- g. Close the document feeder.

Figure 1-151 Close the document feeder



## Field replaceable units (FRUs)

Learn how to remove and replace the printer field replaceable assemblies.

- [Removal and replacement: External panels, covers, and doors](#)
- [Removal and replacement: Internal parts and assemblies](#)
- [Removal and replacement: Accessories](#)

## Removal and replacement: External panels, covers, and doors

Learn how to remove and replace the printer external panels, covers, and doors.

- [Removal and replacement: Front door \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Formatter cover \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Left door \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Top cover \(M751/E75245\)](#)
- [Removal and replacement: Right door \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Right handle \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Top cover \(M856/E85055\)](#)
- [Removal and replacement: Accessory upper cover \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Left upper front and rear covers \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Left lower cover \(M856/E85055/M776\)](#)
- [Removal and replacement: Reverse tray \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Document feeder \(M776\)](#)
- [Removal and replacement: Image scanner \(M776\)](#)
- [Removal and replacement: Right upper cover \(M776zs\)](#)
- [Removal and replacement: Right upper door \(M776zs\)](#)
- [Removal and replacement: Right rear upper cover \(M776zs\)](#)
- [Removal and replacement: Rear upper cover \(M776zs\)](#)
- [Removal and replacement: Main cover \(M776zs\)](#)
- [Removal and replacement: Front cover \(M776zs\)](#)
- [Removal and replacement: Right front cover \(M776zs\)](#)
- [Removal and replacement: Delivery front cover \(M776zs\)](#)
- [Removal and replacement: Delivery cover \(M776zs\)](#)
- [Removal and replacement: Delivery rear cover \(M776zs\)](#)

### Removal and replacement: Front door (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the front door.



[View a video of how to remove and replace the front door.](#)


Mean time to repair: 3 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-20** Part information

Part number	Part description
RM2-1368-000CN	Front door assembly

### Required tools

- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the front door.
  - a. Open the front door.

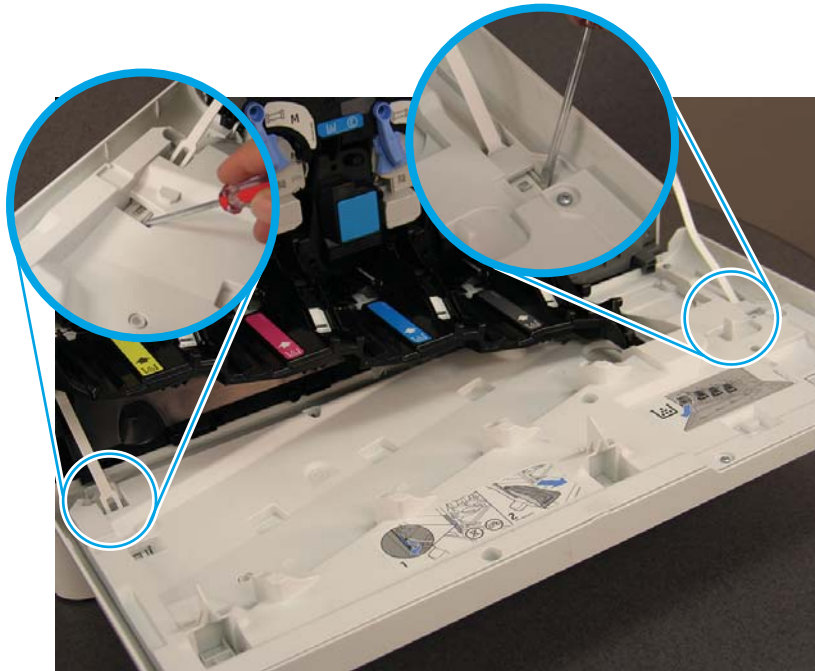


Figure 1-152 Open the front door



- b. Use a small, flat-blade screwdriver to release the tab on the left hinge, and then release the hinge from the retainer. Repeat this process for the right hinge.

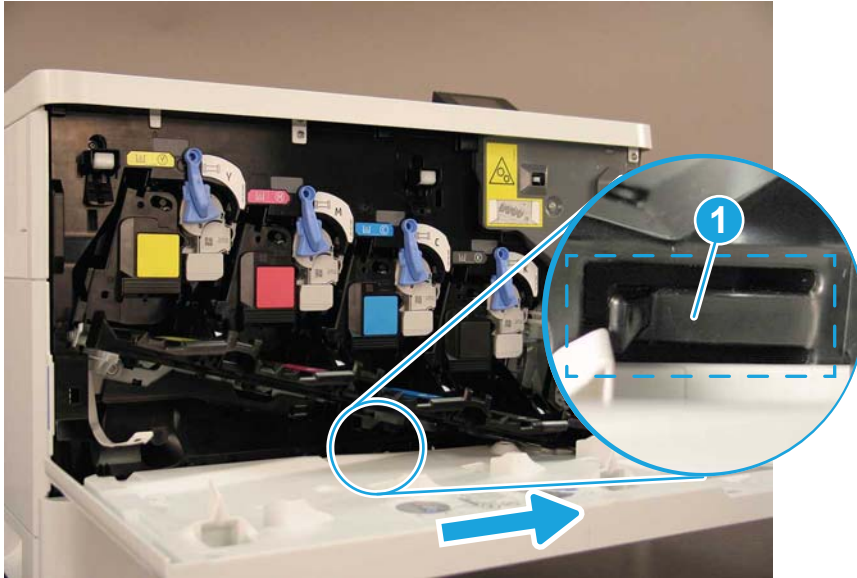
Figure 1-153 Release the hinges



- c. Press in to release one tab (callout 1), and then slide the front door to the right.

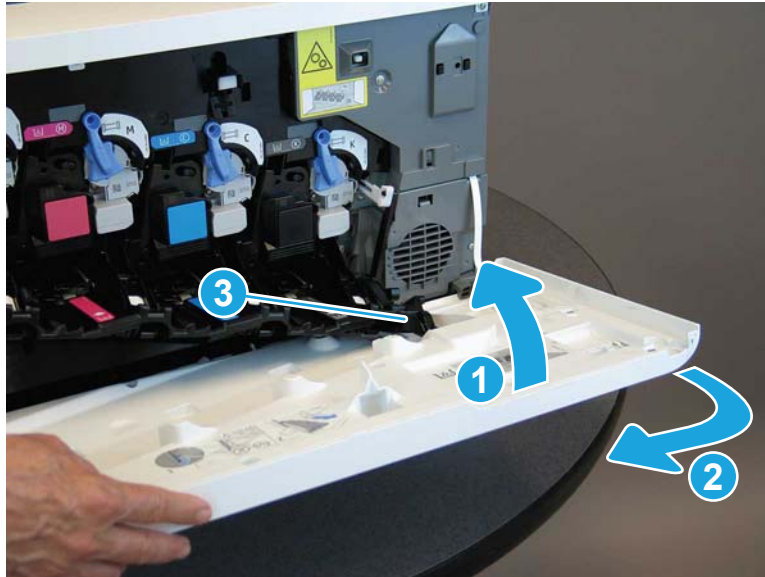
 **NOTE:** The figure below shows the M751. The procedure is correct for all models.


Figure 1-154 Release one tab

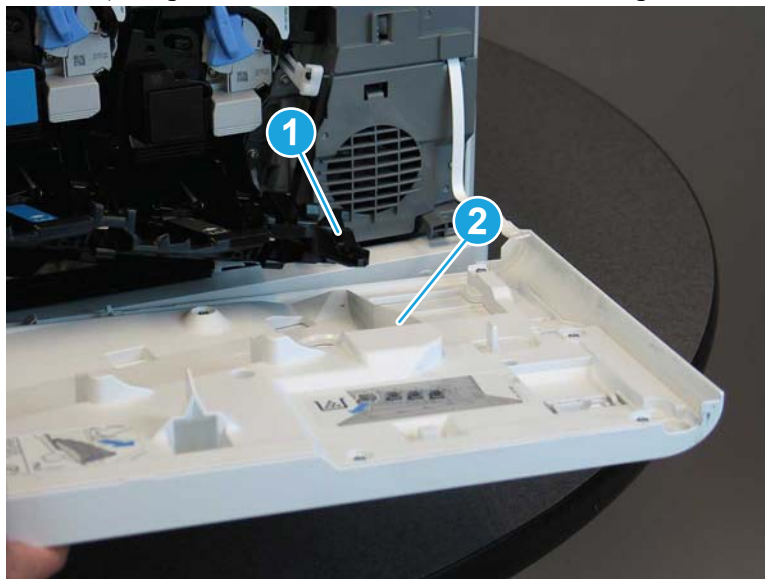


- d. Raise the door slightly (callout 1), and then rotate the right side of the door away from the printer (callout 2) to release the inner cover hook (callout 3).

Figure 1-155 Release the inner cover hook



 **Reinstallation tip:** When reinstalling the door, make sure to install the inner cover hook (callout 1) into the opening in the front door (callout 2) before installing the door on the shafts.



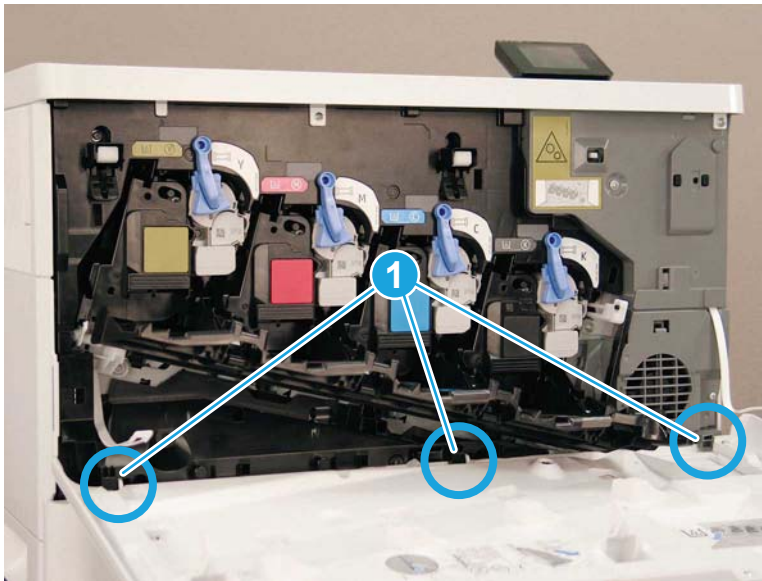
- e. Release three shafts (callout 1), and then remove the front door.

---

 **NOTE:** The figure below shows the M751. The procedure is correct for all models.

---

**Figure 1-156** Remove the front door



2. Unpack the replacement assembly.

- a. Dispose of the defective part.

---

 **NOTE:** HP recommends responsible disposal of the defective part.


---

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

### Removal and replacement: Formatter cover (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the formatter cover.

 [View a video of how to remove and replace the formatter cover.](#)

Mean time to repair: 1 minute

Service level: CSR A

#### Before performing service

Turn the printer power off

- Disconnect the power cable.

---

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-21 Part information**

Part number	Part description
RM2-1346-000CN	Formatter cover assembly (M751/E75245)
RM2-2683-000CN	Formatter cover assembly (M856/E85055/M776)

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

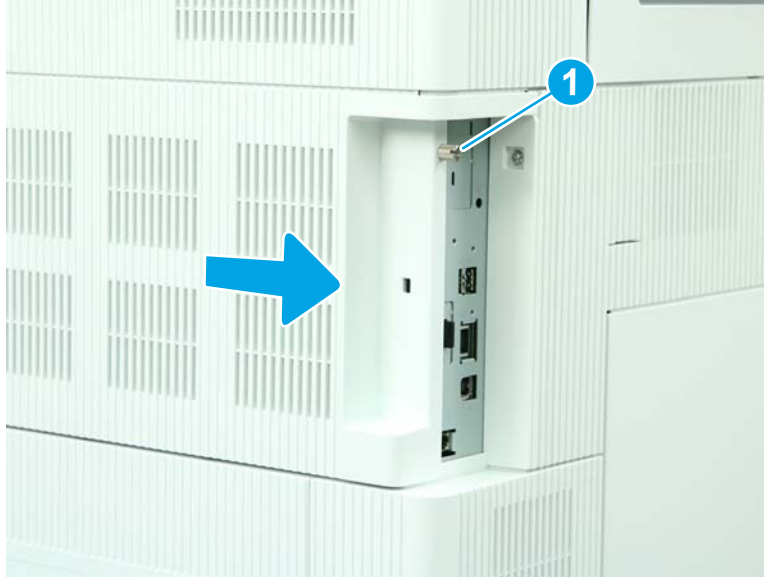
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

No post service test is available for this assembly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-157 Remove the formatter cover



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Left door (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the left door.



[View a video of how to remove and replace the left door.](#)

Mean time to repair: 7 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

---

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-22 Part information**

Part number	Part description
RM2-1351-000CN	Left door assembly
RM2-1350-000CN	Left cover lock assembly (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

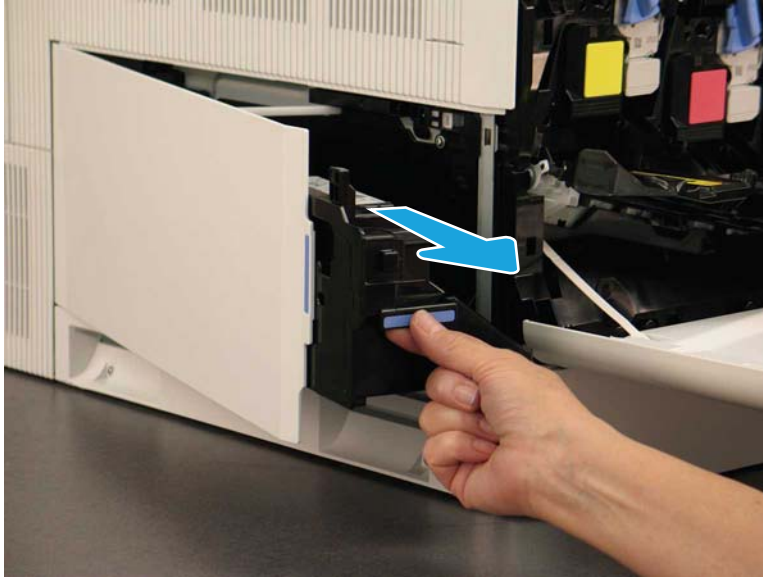
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

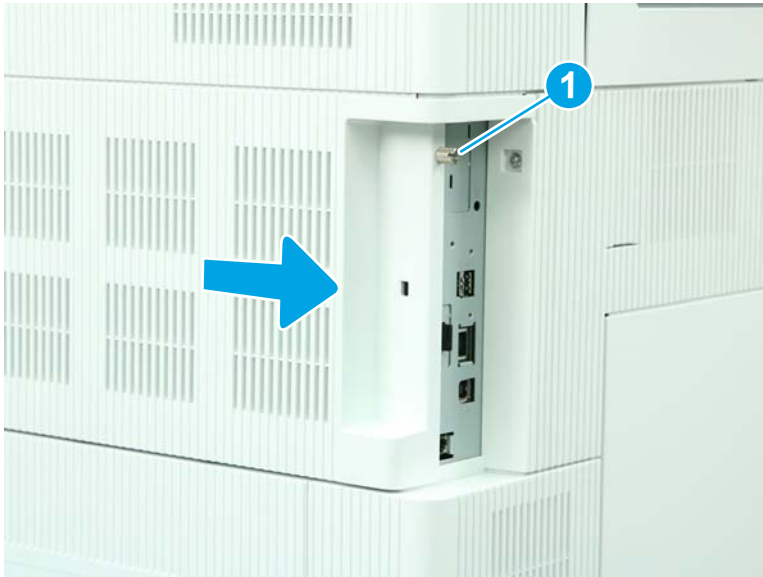
1. Remove the TCU.
  - ▲ Open the front door, and then open the left door. Grasp the front of the toner-collection unit, and then remove it from the printer.

Figure 1-158 Remove the TCU



2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

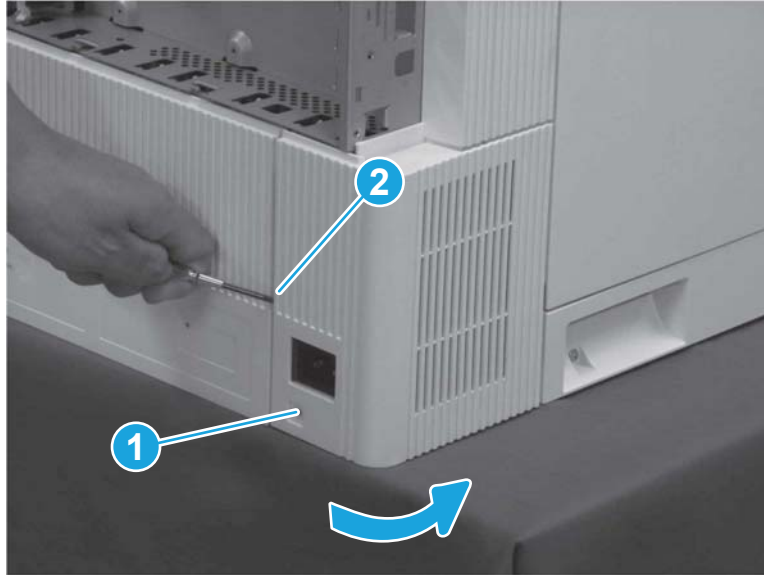
Figure 1-159 Remove the formatter cover



3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

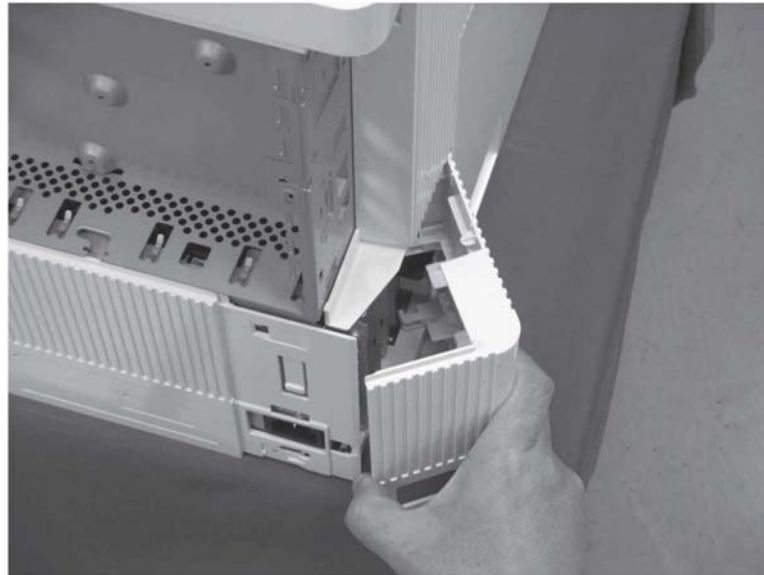


Figure 1-160 Remove one screw and release one tab



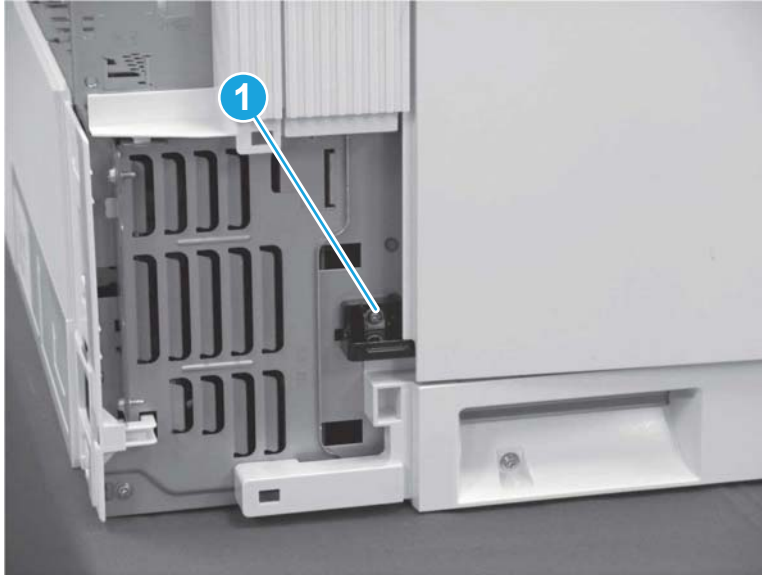
- b. Remove the left lower cover.

Figure 1-161 Remove the left lower cover



- 4. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-162 Remove one screw



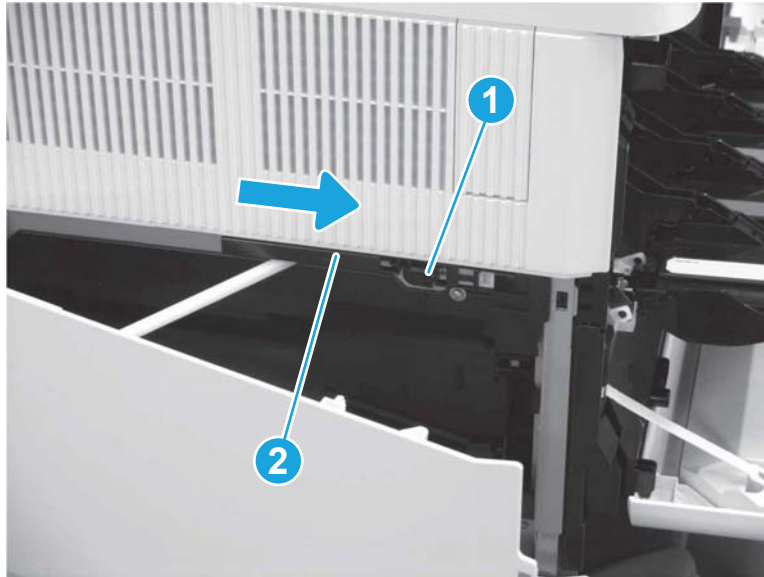
- b. Release the holder, and then remove it from the printer.

Figure 1-163 Remove the holder



- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-164 Slide the holder



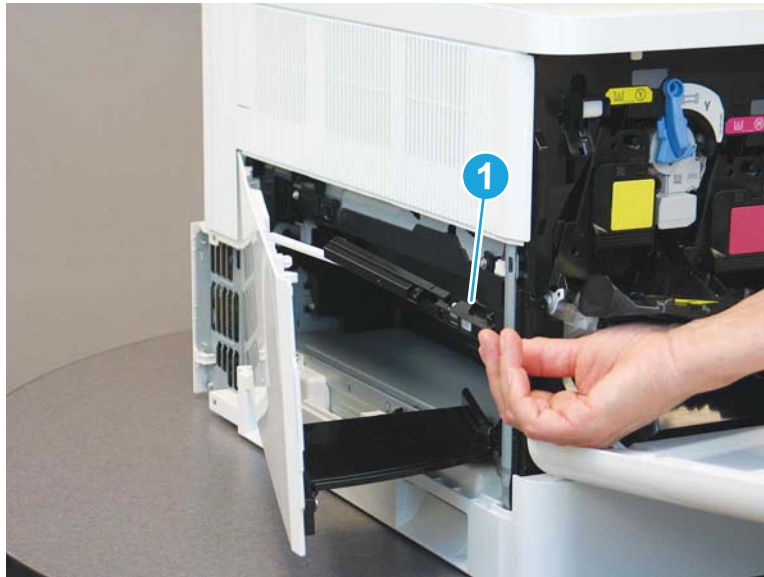
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

---

**⚠ CAUTION:** The holder can become detached or break relatively easily. Lay the holder on top of the door, next to the white hinge, to prevent it from hanging down and potentially breaking.

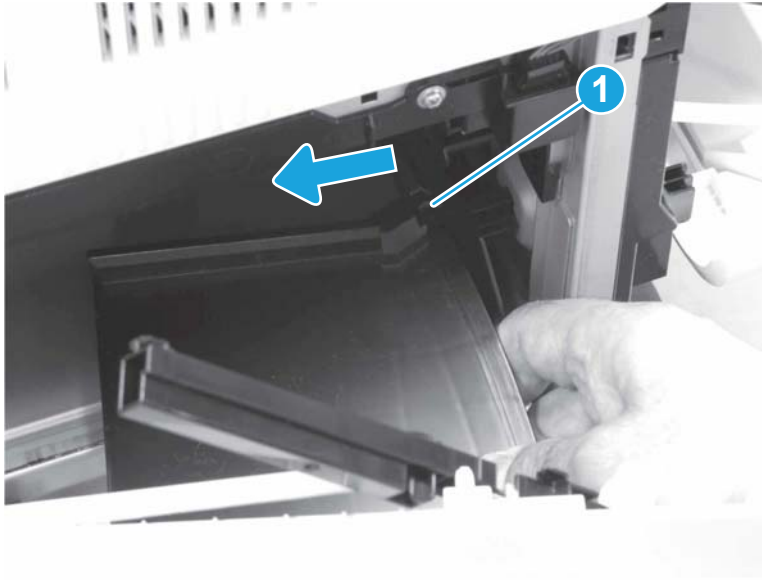
---

Figure 1-165 Release the holder



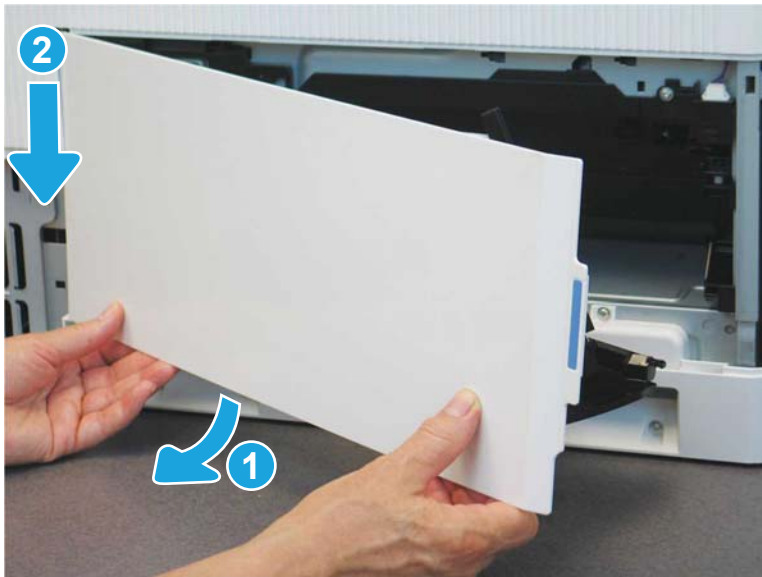
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-166 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

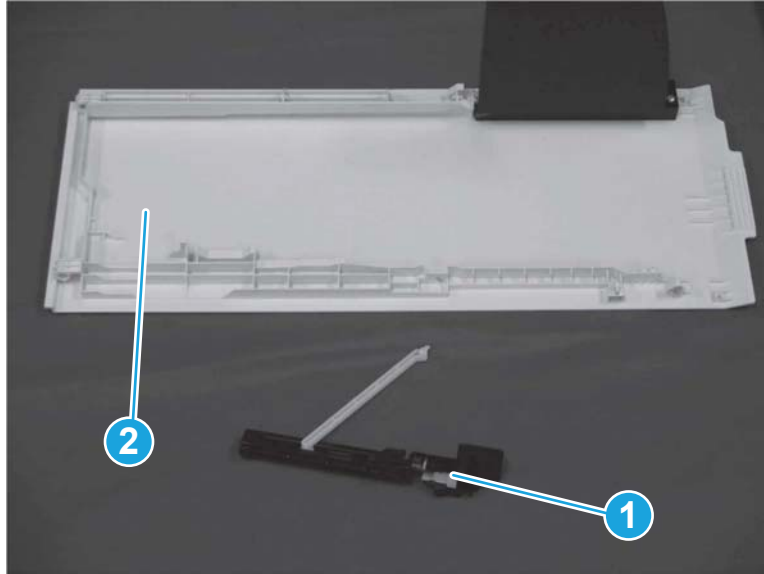
Figure 1-167 Remove the left door



- g. Rotate the left cover lock assembly (callout 1) until the tab lines up with the opening in the door, and then remove the hinge and lock assembly from the door (callout 2).

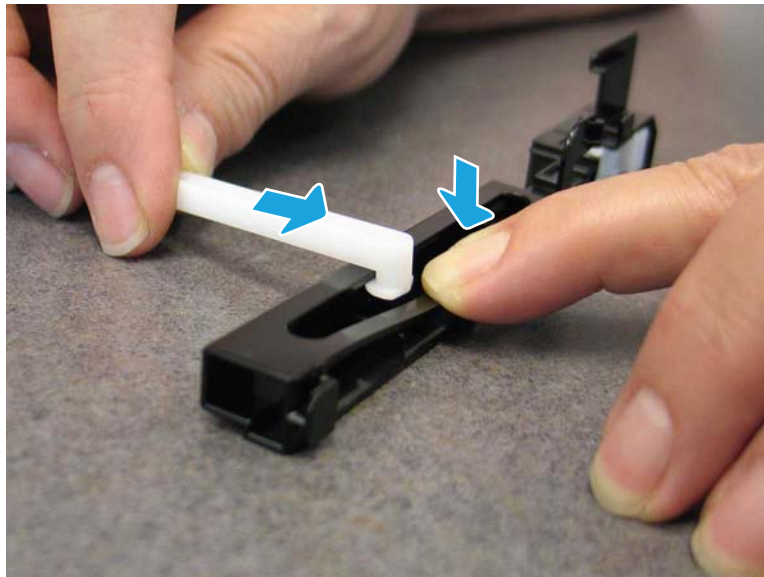
**⚠ CAUTION:** The white hinge is easily broken. Use care when handling this part.

**Figure 1-168** Remove the left cover lock assembly and hinge




- h. If the left cover lock assembly breaks and must be replaced, press down on one side of the lock assembly, and then slide the white hinge away from the assembly. Install the hinge on the replacement lock assembly.

**Figure 1-169** Remove the hinge



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Top cover (M751/E75245)

Learn how to remove and replace the top cover.

 [View a video of how to remove and replace the top cover.](#)


Mean time to repair: 14 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-23** Part information

Part number	Part description
RC5-0658-000CN	Cover, upper

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

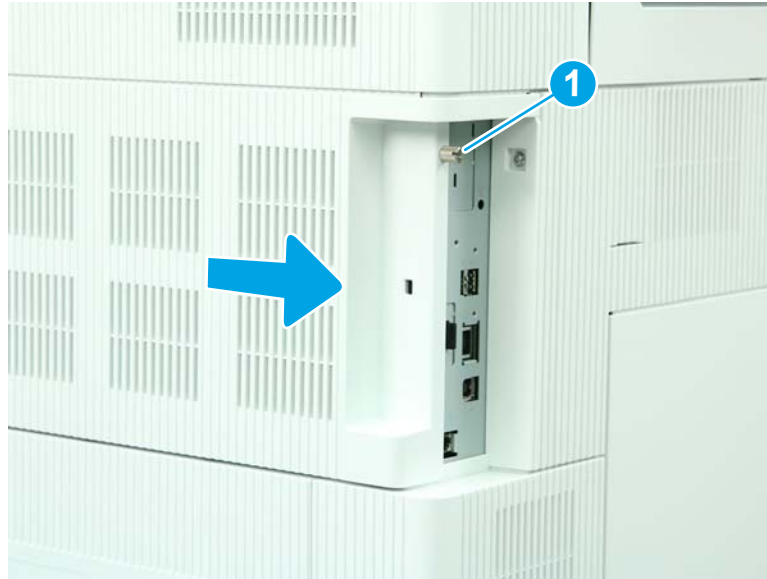
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

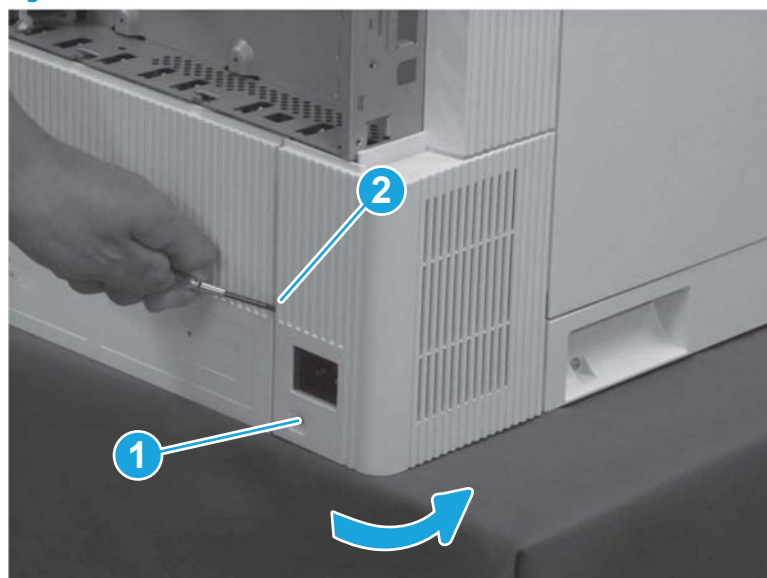
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-170** Remove the formatter cover



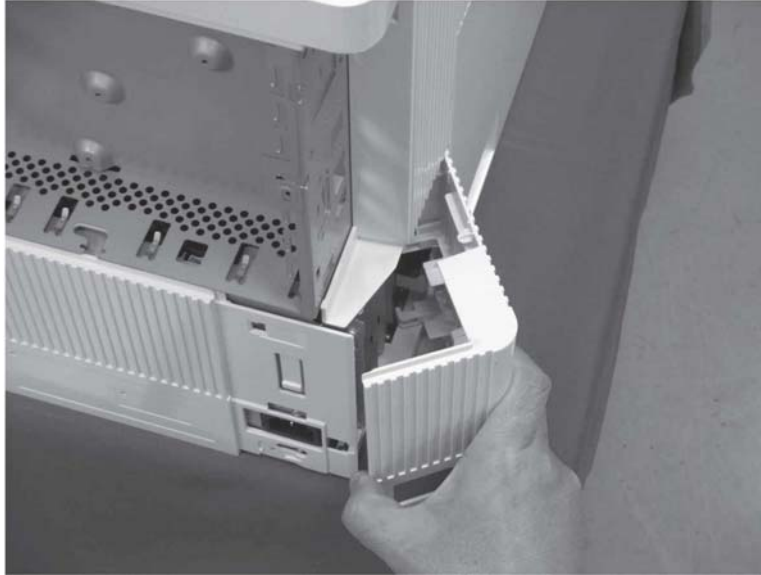
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

**Figure 1-171** Remove one screw and release one tab



- b. Remove the left lower cover.

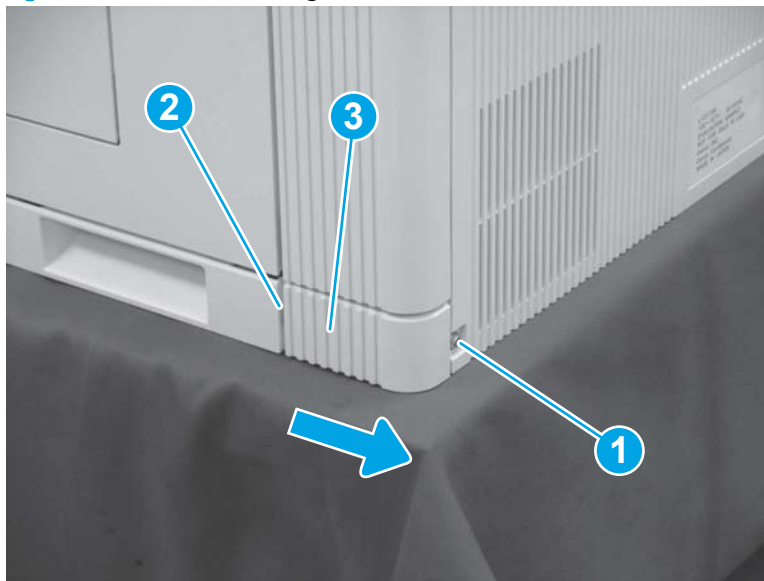
Figure 1-172 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-173 Remove the right rear lower cover

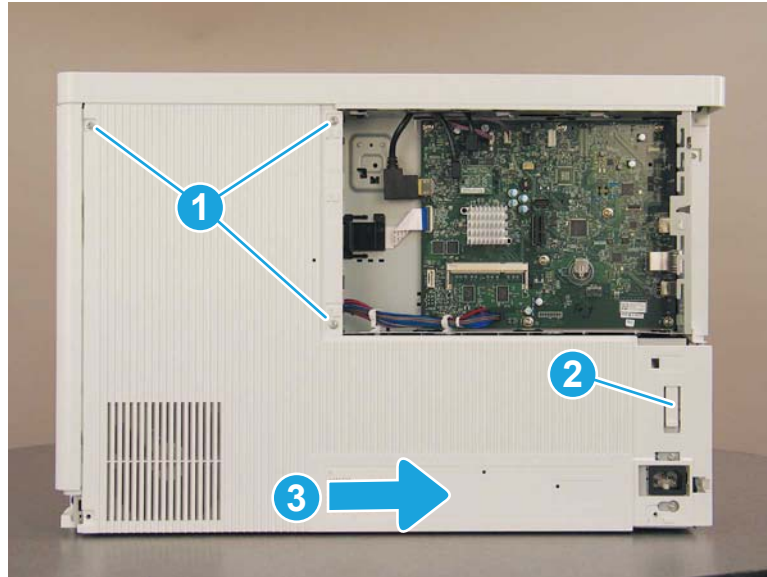


4. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.



Figure 1-174 Remove the rear cover

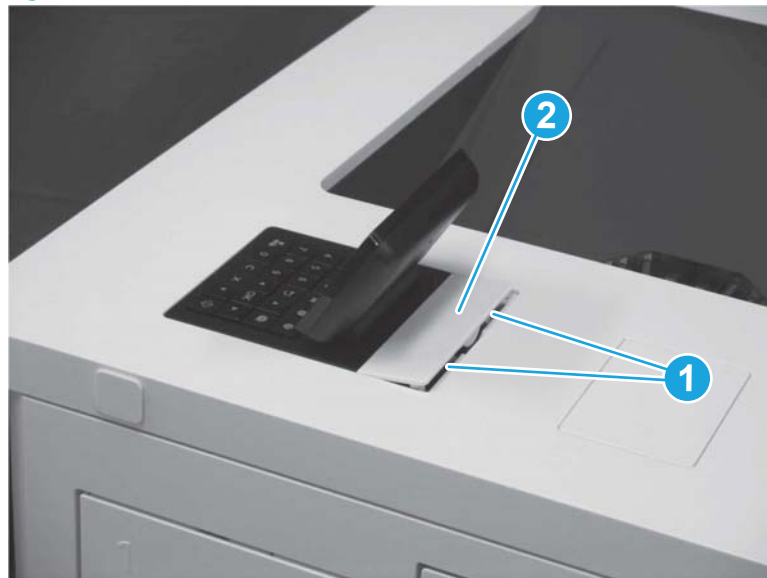


5. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-175 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-176 Remove one screw



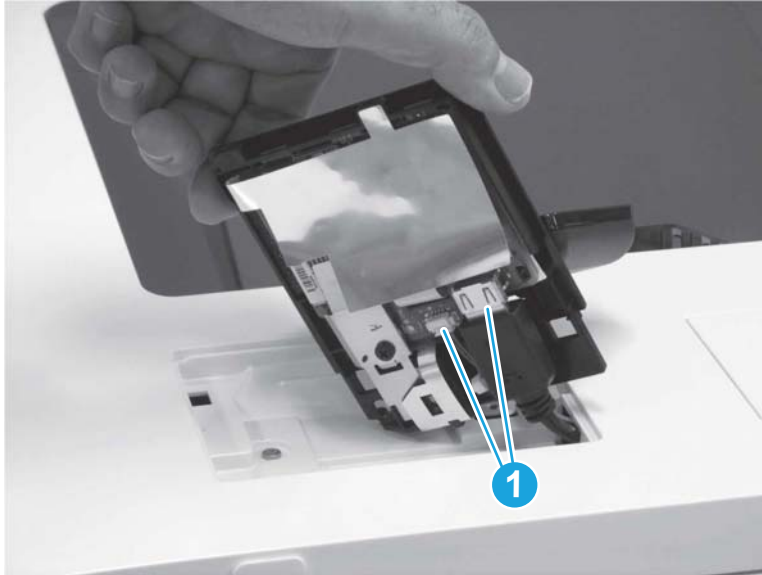
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-177 Slide the control panel back



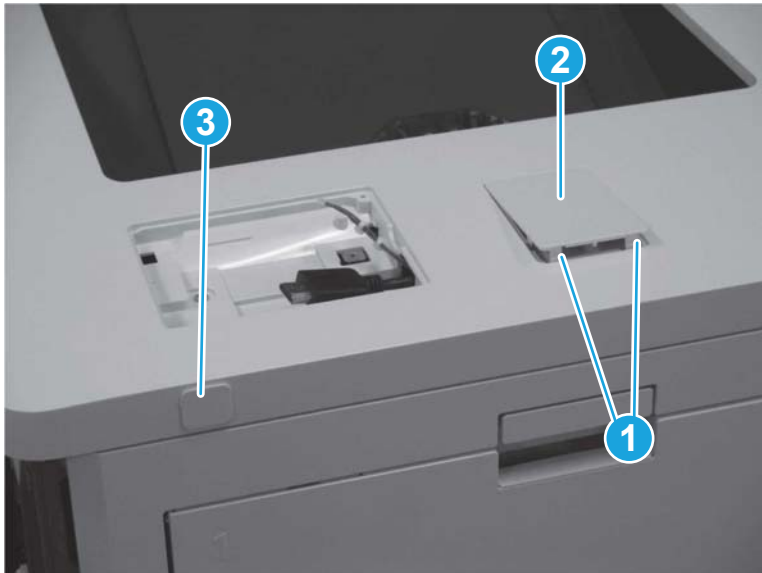
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-178 Disconnect two connectors



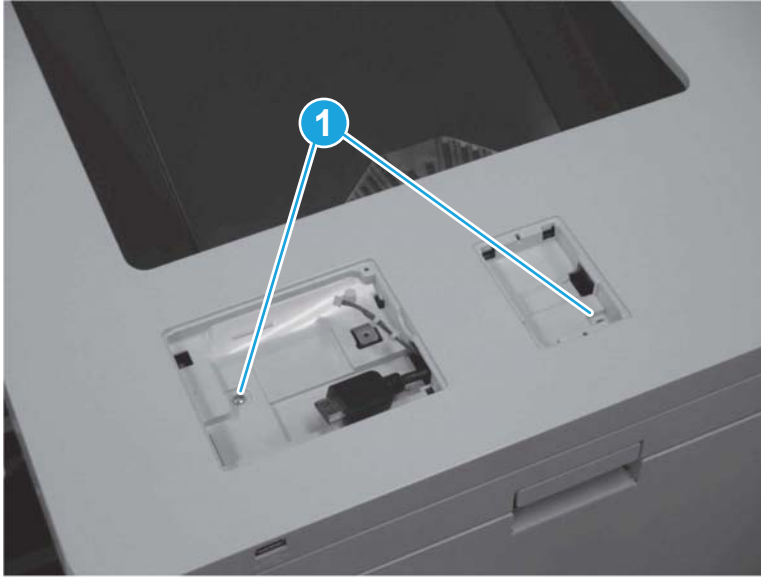
- 6. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-179 Remove the HIP cover and USB cap



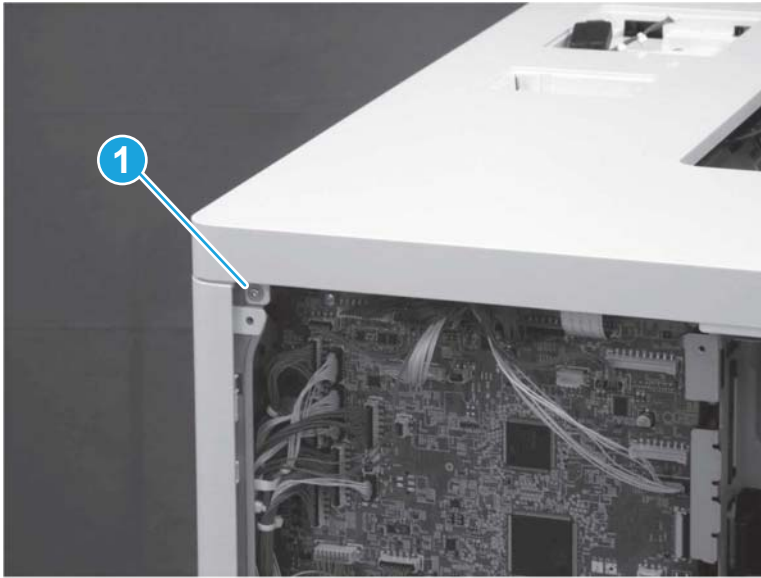
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-180 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-181 Remove one screw

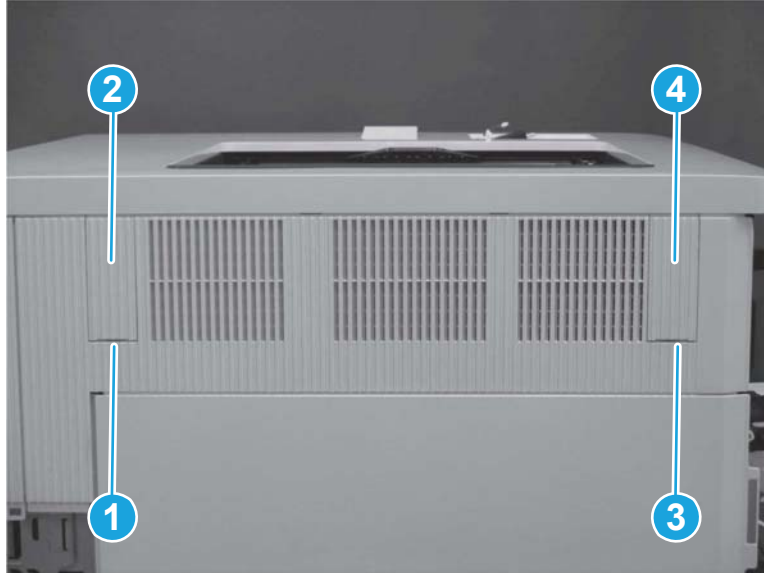


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

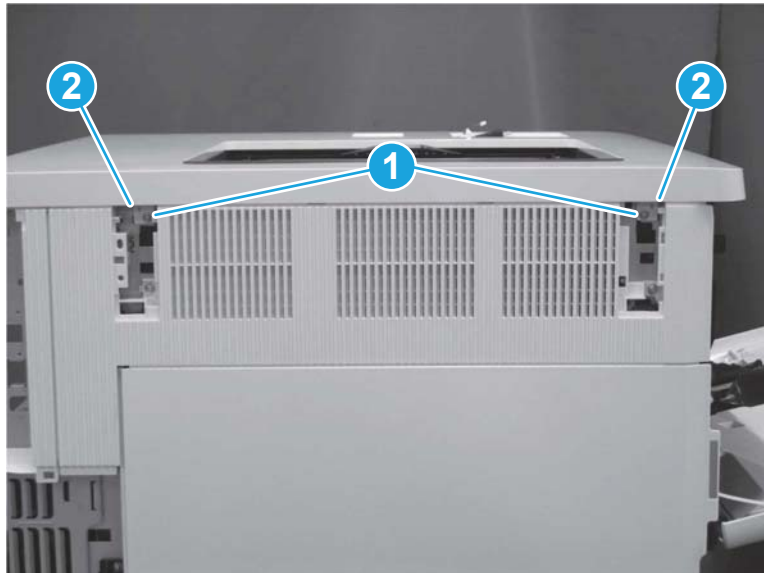
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-182** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-183** Remove two screws and release two tabs



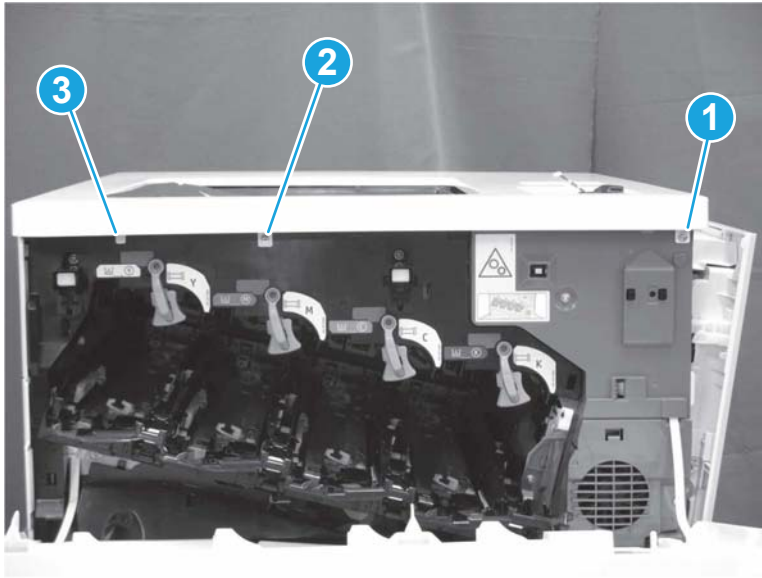
- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

---

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

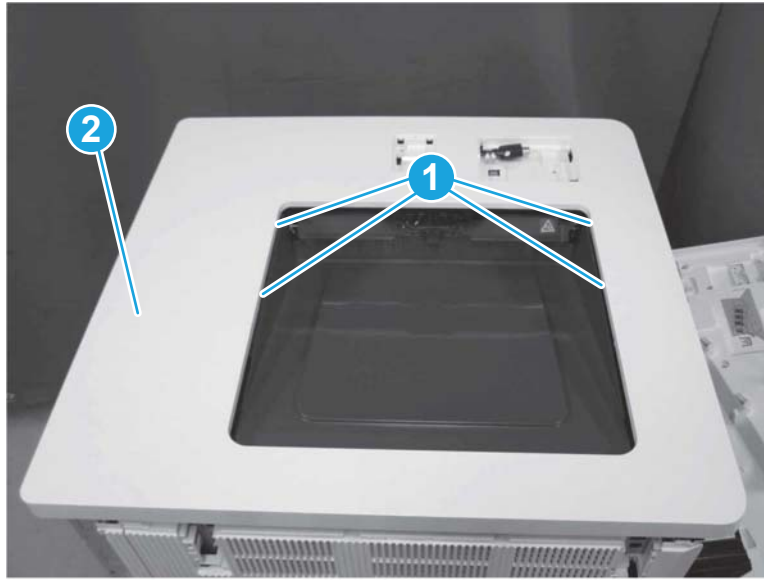
---


**Figure 1-184** Remove two screws and release one tab

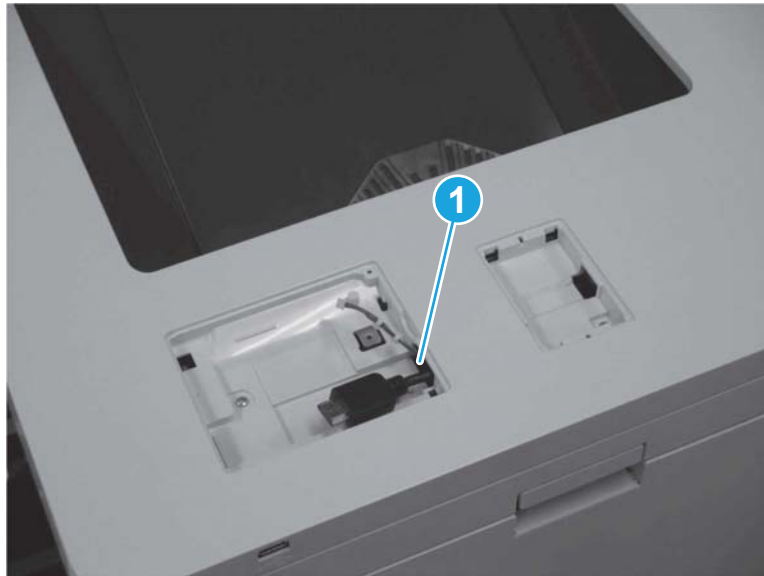


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-185** Remove the top cover




 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



- 7.** Unpack the replacement assembly.
  - a.** Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Right door (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the right door.

 [View a video of how to remove and replace the right door.](#)


Mean time to repair: 13 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-24** Part information

Part number	Part description
RM2-1494-000CN	Right door assembly (M751/E75245)
RM2-3434-000CN	Right door assembly (M856/E85055/M776)

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on



- Connect the power cable.
- Use the power switch to turn the power on.

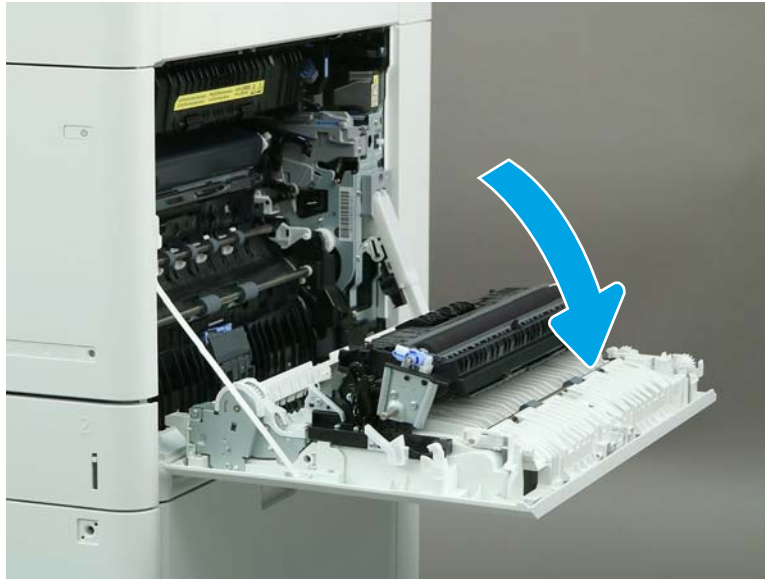
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

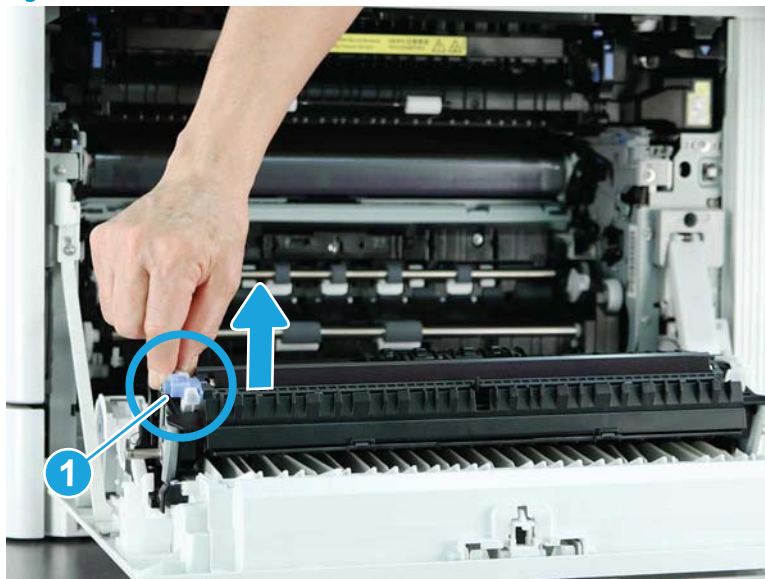
1. Remove the secondary transfer roller.
  - a. Open the right door.

**Figure 1-186** Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

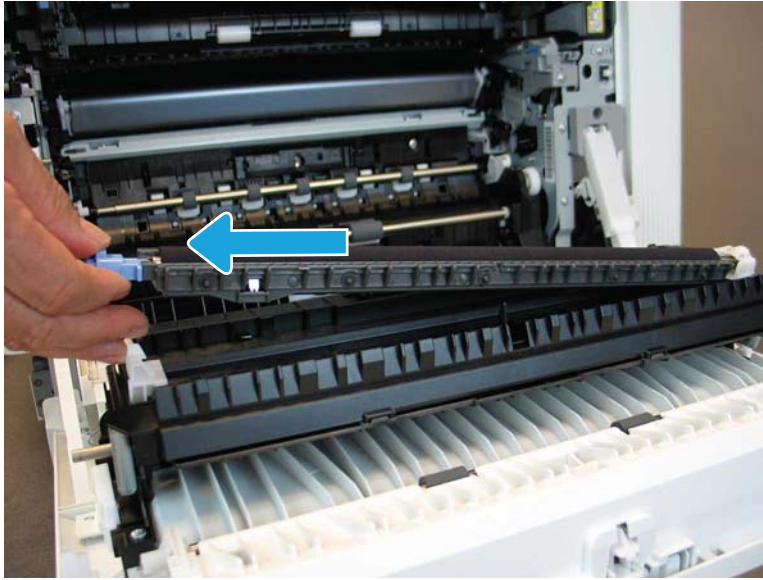
**Figure 1-187** Release the transfer roller



- c. Slide the transfer roller to the left to remove it.

**⚠ CAUTION:** Do not touch the surface of the secondary transfer roller.

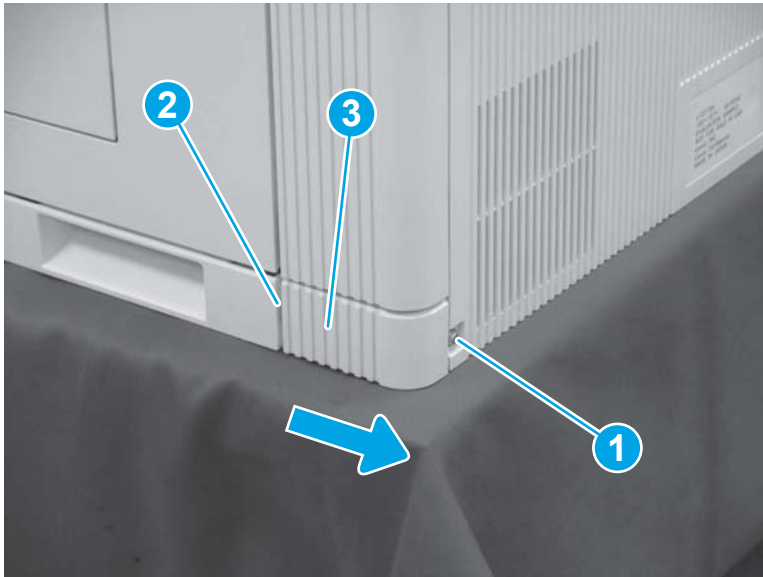
**Figure 1-188** Remove the secondary transfer roller



2. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- a. Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

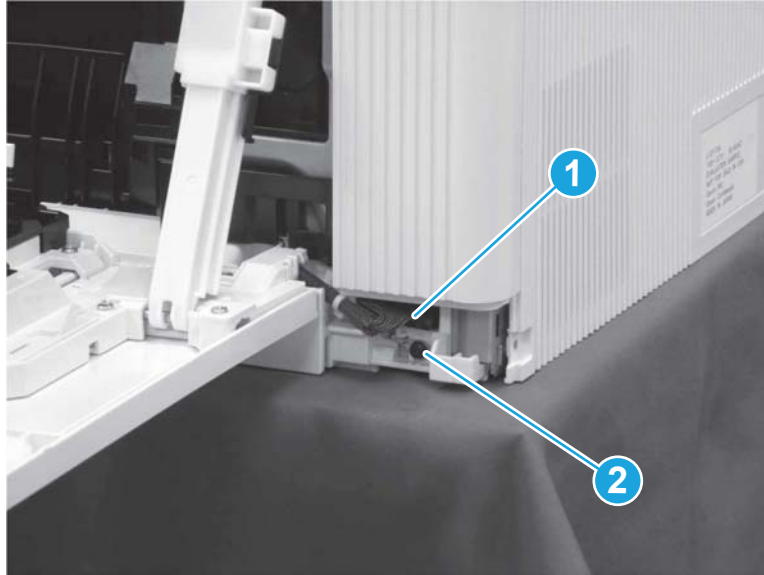
**Figure 1-189** Remove the right rear lower cover



3. Remove the right door.

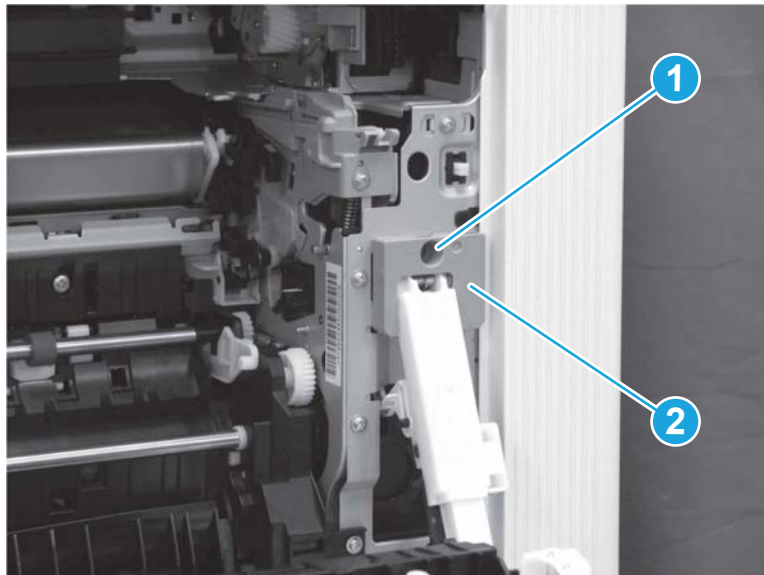
- a. Disconnect one connector (callout 1), and then remove one black grounding screw (callout 2).

Figure 1-190 Disconnect one connector and remove one screw



- b. Remove one self-tapping screw (callout 1), and then remove the cover (callout 2).

Figure 1-191 Remove the cover



- c. Push the damper slightly to the right, and gently pull the link arm to the left to release the boss (callout 1) from the link arm.


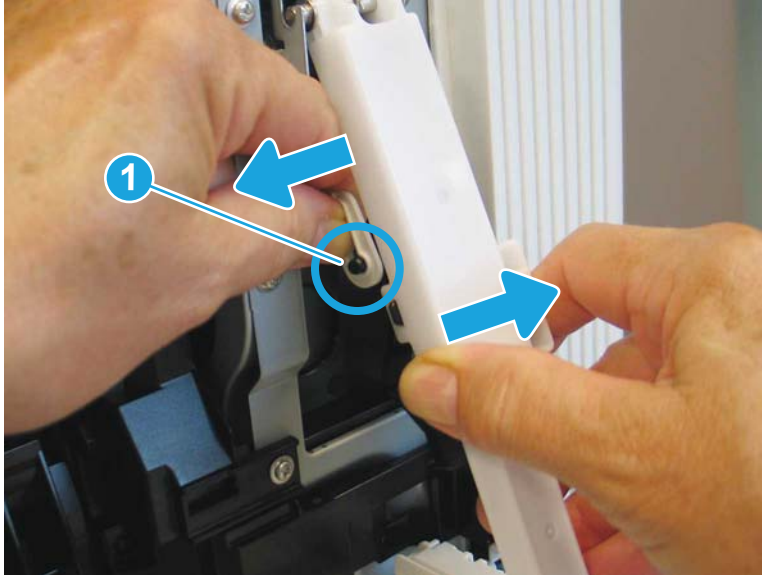
 **IMPORTANT:** Make sure to reattach this link arm when reinstalling the right door. Failure to do so might cause damage to the link arm, requiring a larger repair.

Figure 1-192 Release the link arm



- d. Retract the link arm slightly into the printer to move it out of the way.

Figure 1-193 Retract the link arm



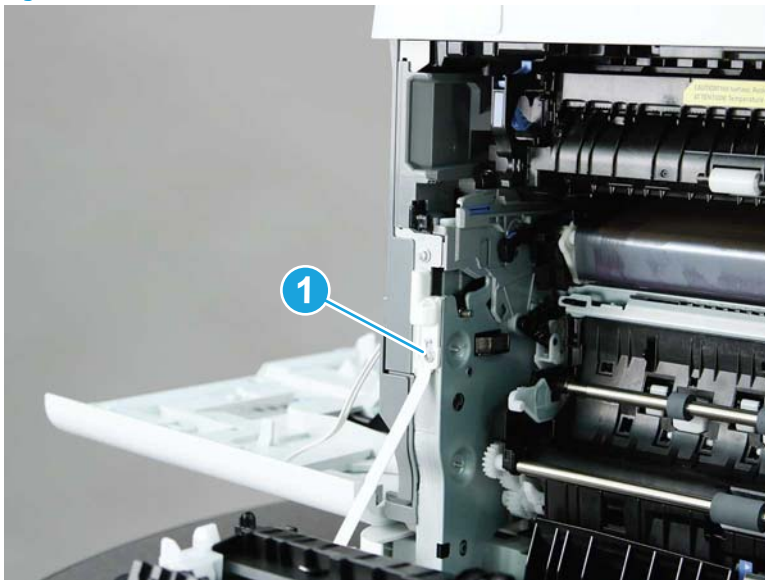
- e. Lift the dampener up, and then pull it away from the printer to release it from the bushing.

Figure 1-194 Release the dampener



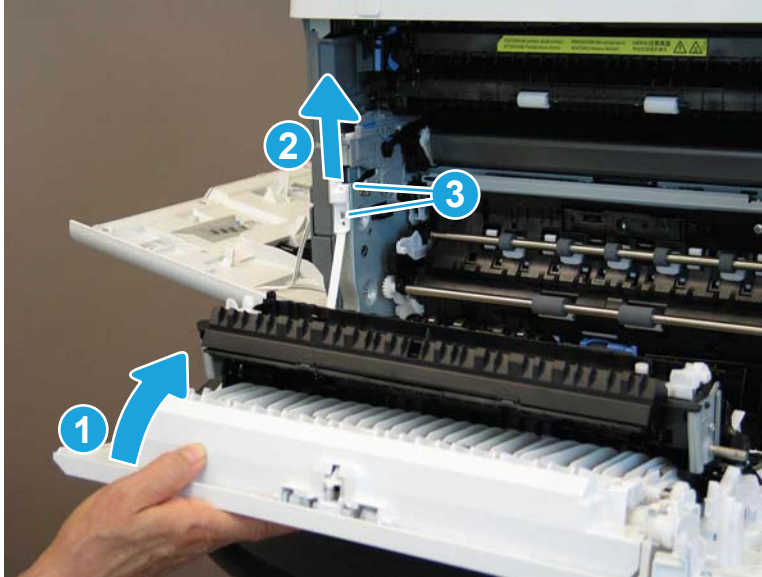
- f. Remove one screw (callout 1).

Figure 1-195 Remove one screw



- g. Raise the door slightly (callout 1) to take tension off of the hinge. Slide the hinge up (callout 2) to release two hooks (callout 3).

Figure 1-196 Release the hinge



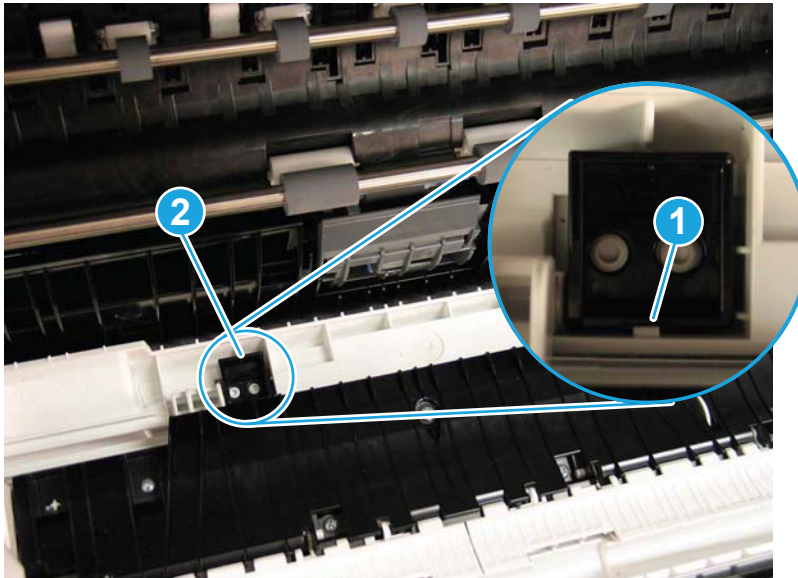
- h. Release one tab (callout 1), and then remove the stopper (callout 2).

---

 **TIP:** Use needle-nosed pliers to release the stopper.

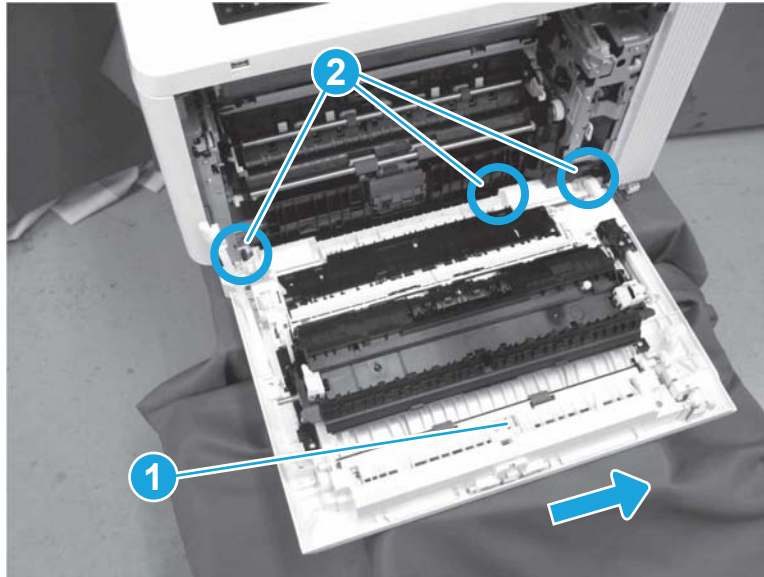
---

Figure 1-197 Remove the stopper



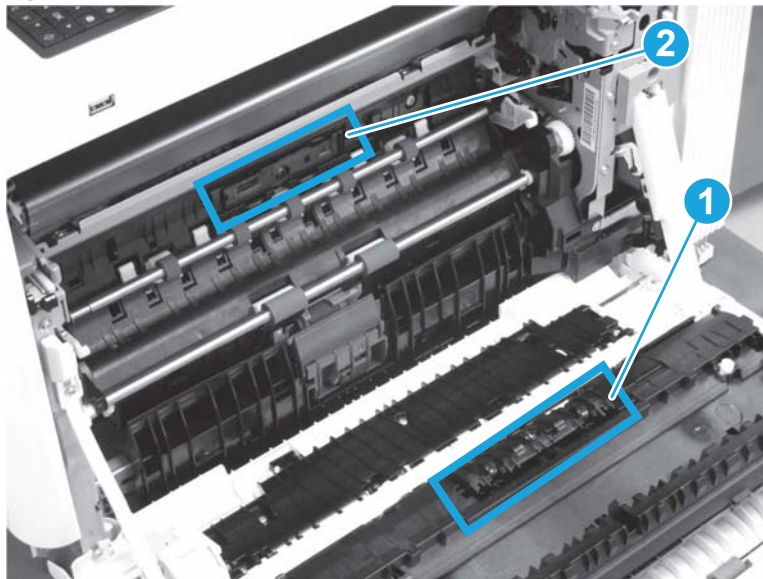
- i. Slide the right door (callout 1) to the right to release it from three tabs (callout 2), and then remove the right door.

**Figure 1-198** Remove the right door



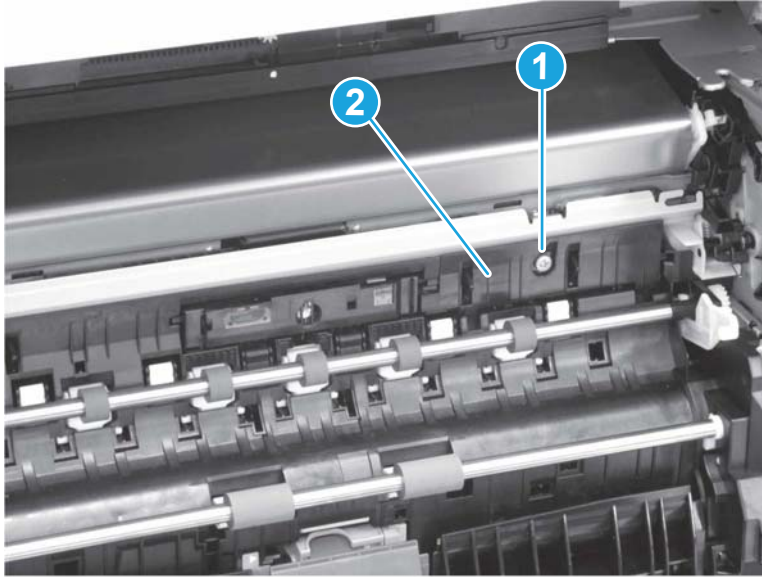
4. The media sensor (callout 1) on the right door and the media sensor (callout 2) inside the printer work together and are adjusted together at the factory. The replacement right door part is similarly adjusted together with a media sensor part that is shipped with the right door. When replacing the right door, follow these steps to remove and replace the media sensor on the printer with the new media sensor shipped with the replacement door.


**Figure 1-199** Media sensor placement

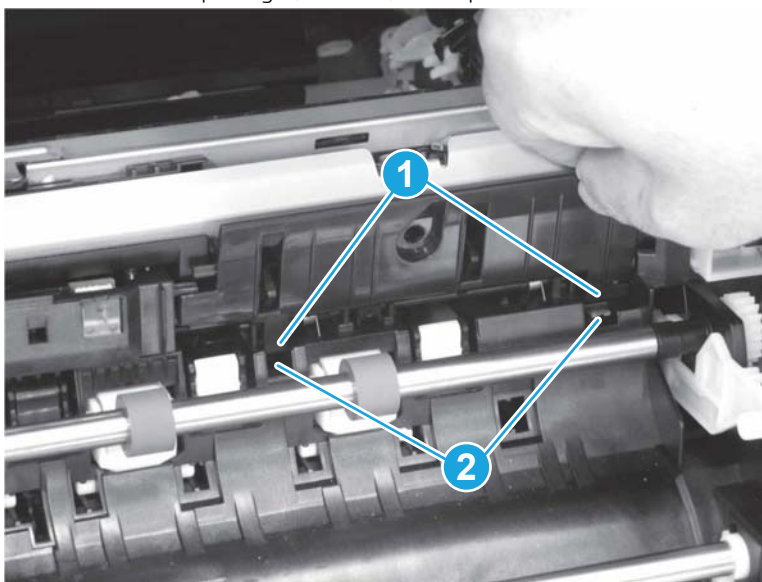


- a. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-200 Remove one screw and the cover



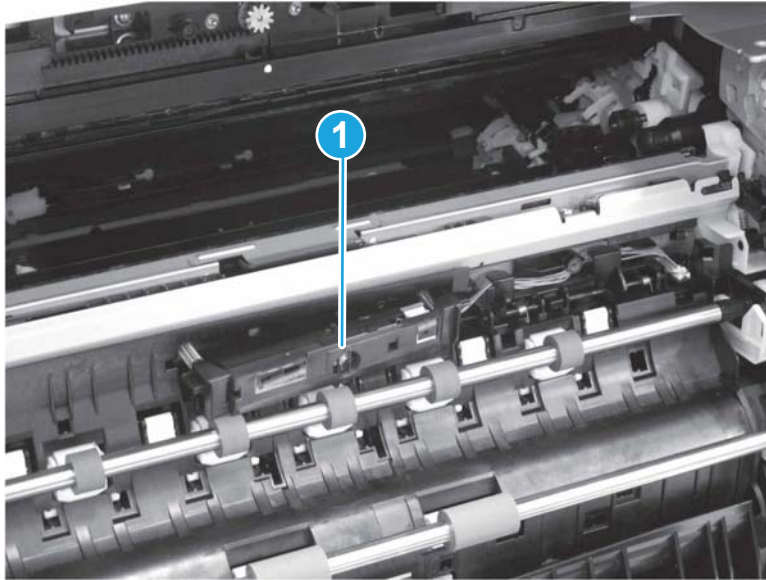
 **Reinstallation tip:** When reinstalling the cover, make sure that the ribs (callout 1) on the cover are installed into the openings (callout 2) in the printer.





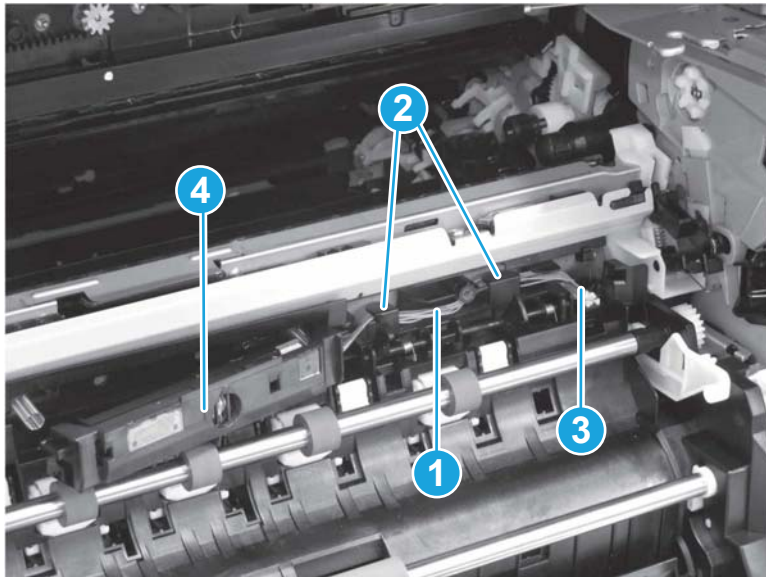
- b. Release the media sensor assembly (callout 1).

Figure 1-201 Release the media sensor




- c. Release the cable (callout 1) from the cable guides (callout 2). Disconnect one connector (callout 3), and then remove the media sensor (callout 4).

Figure 1-202 Remove the media sensor



- d. Reverse the removal steps to install the media sensor shipped with the replacement right door.
5. Unpack the replacement assembly.
- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---


c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

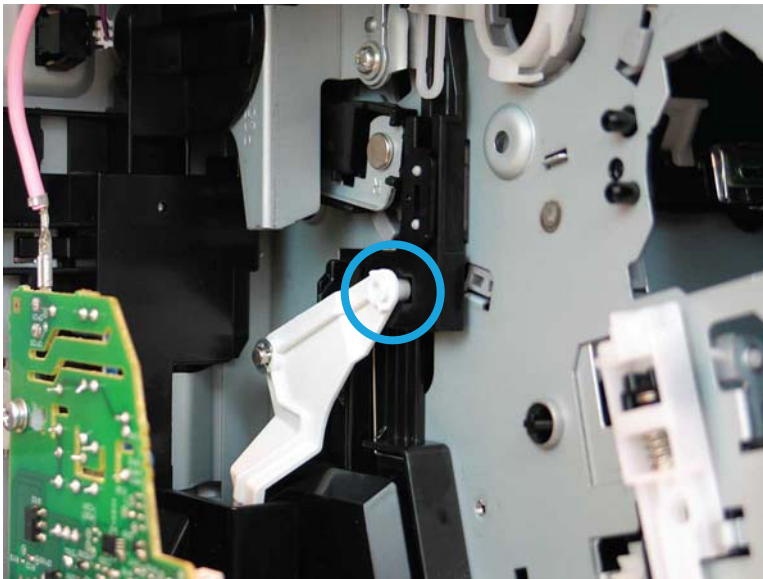
6. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

If the ITB cannot be removed or installed after removing or replacing the right door, remove the main drive assembly and make sure that the tab on the end of the link arm is correctly installed in the track.

 **NOTE:** Failing to properly attach the link arm when installing the right door will result in this failure and the need to perform this procedure. The main drive assembly must be removed in order to reattach the link arm from this side, resulting in a higher service cost.

---

**Figure 1-203** Check the link arm



### Removal and replacement: Right handle (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the right handle.

 [View a video of how to remove and replace the right handle.](#)

Mean time to repair: 12 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-25 Part information**

Part number	Part description
RM2-1376-000CN	Right handle assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

Figure 1-204 Remove the toner cartridge



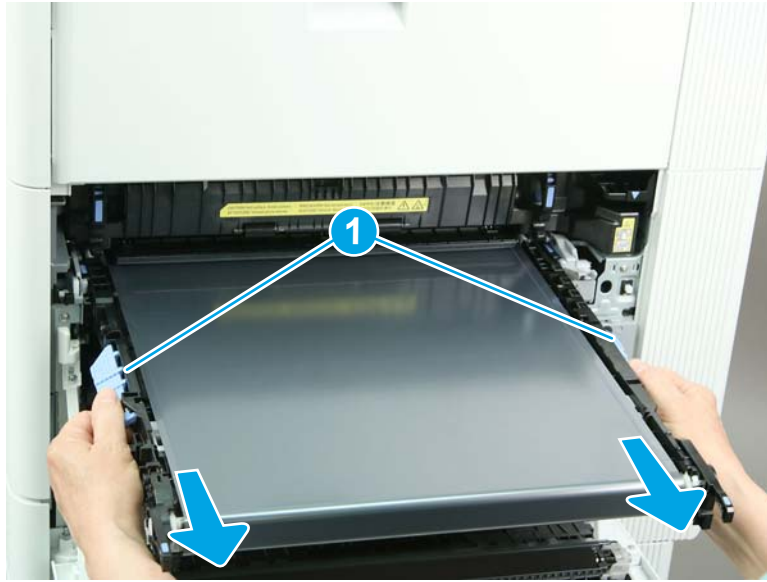
2. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-205 Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

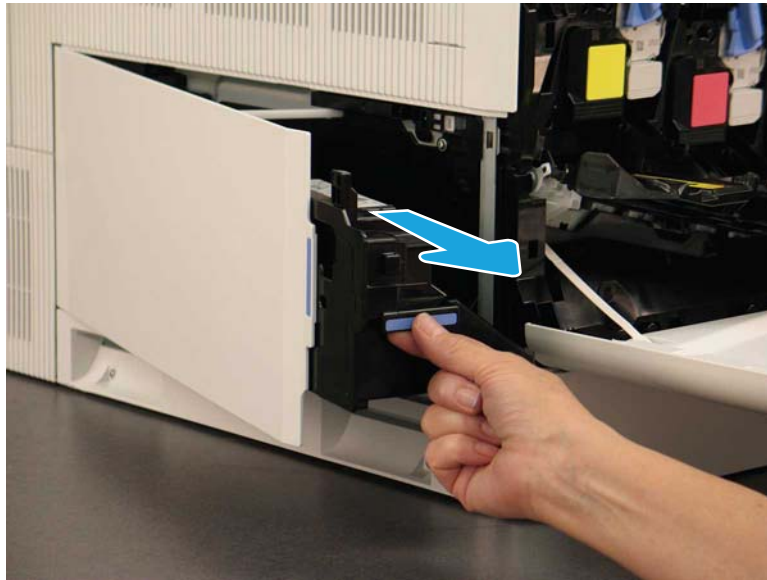
Figure 1-206 Remove the ITB



- 3. Remove the TCU.

- ▲ Open the front door, and then open the left door. Grasp the front of the toner-collection unit, and then remove it from the printer.

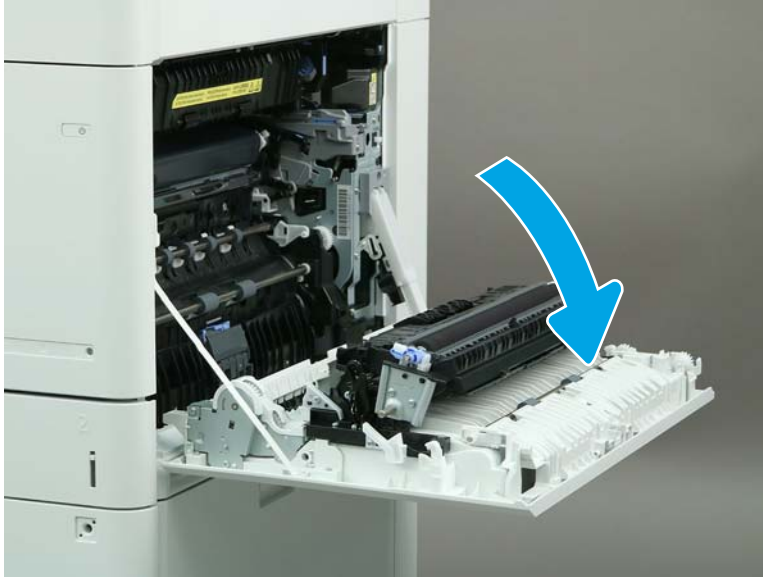
Figure 1-207 Remove the TCU



- 4. Remove the secondary transfer roller.

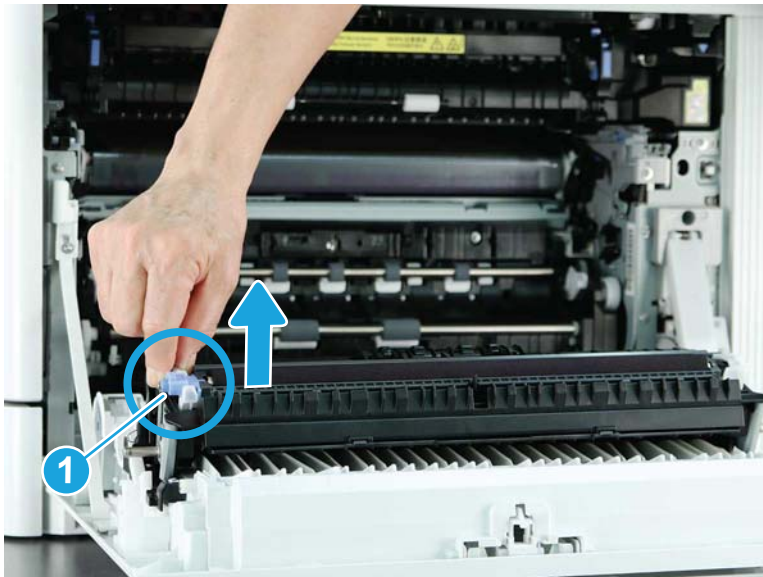
- a. Open the right door.

Figure 1-208 Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

Figure 1-209 Release the transfer roller



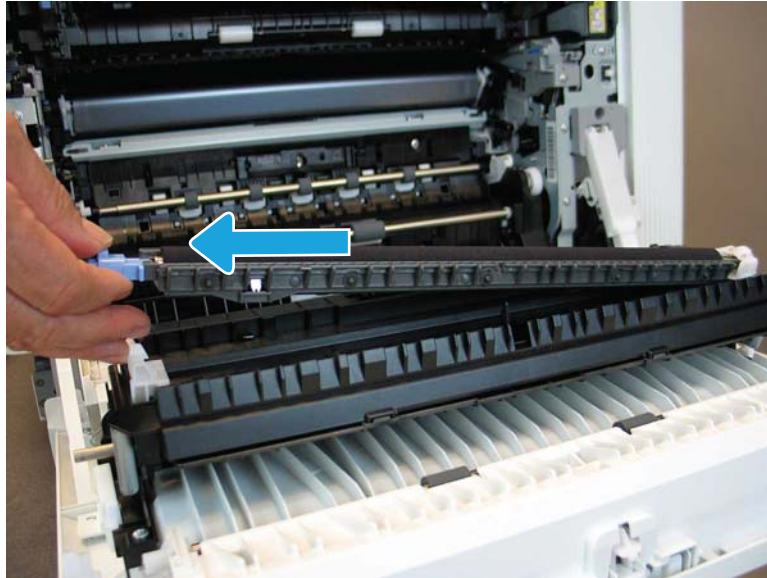
- c. Slide the transfer roller to the left to remove it.

---

**⚠ CAUTION:** Do not touch the surface of the secondary transfer roller.

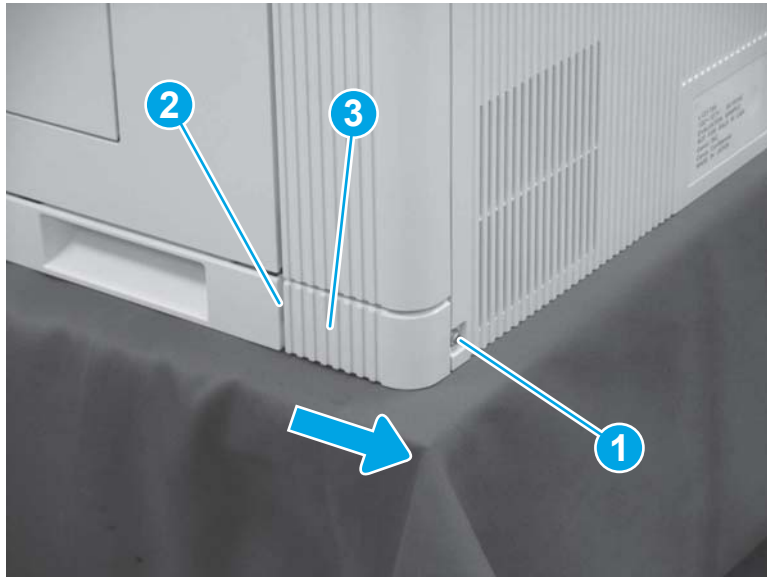
---

**Figure 1-210** Remove the secondary transfer roller



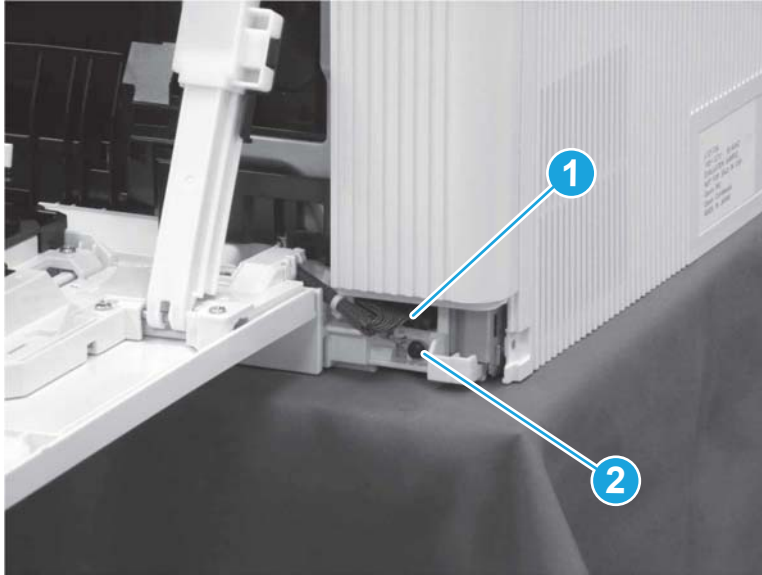
- 5. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-211** Remove the right rear lower cover



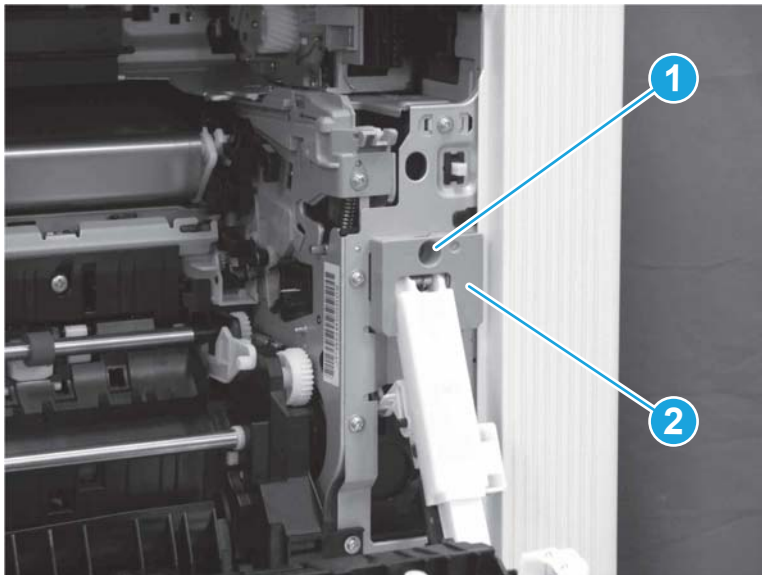
- 6. Remove the right door.
  - a. Disconnect one connector (callout 1), and then remove one black grounding screw (callout 2).

Figure 1-212 Disconnect one connector and remove one screw



- b. Remove one self-tapping screw (callout 1), and then remove the cover (callout 2).

Figure 1-213 Remove the cover

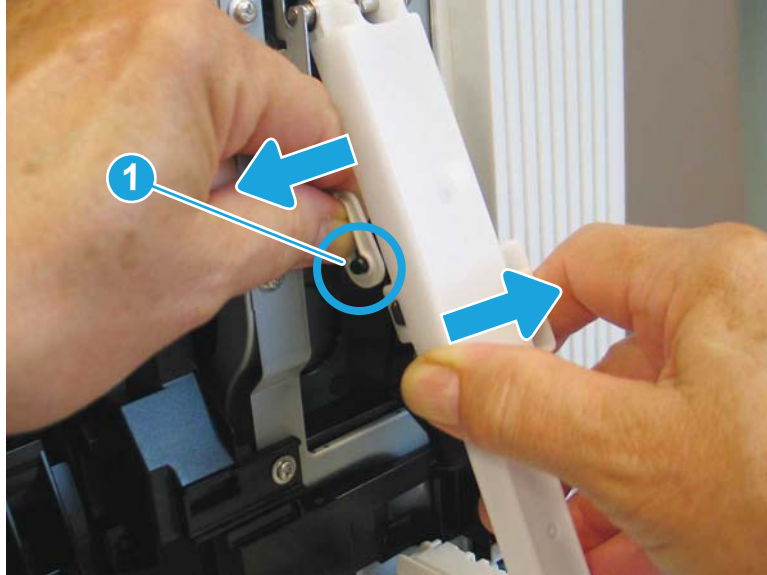




- c. Push the damper slightly to the right, and gently pull the link arm to the left to release the boss (callout 1) from the link arm.

 **IMPORTANT:** Make sure to reattach this link arm when reinstalling the right door. Failure to do so might cause damage to the link arm, requiring a larger repair.

Figure 1-214 Release the link arm



- d. Retract the link arm slightly into the printer to move it out of the way.

Figure 1-215 Retract the link arm



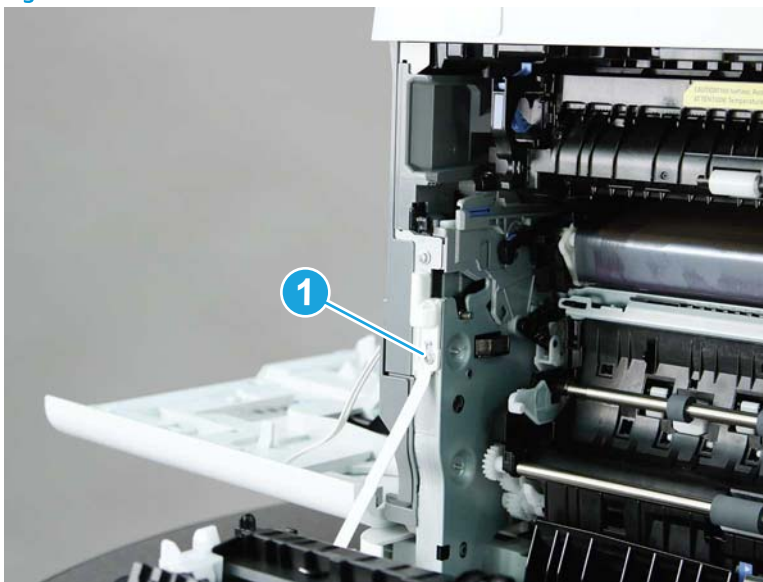
- e. Lift the dampener up, and then pull it away from the printer to release it from the bushing.

Figure 1-216 Release the dampener



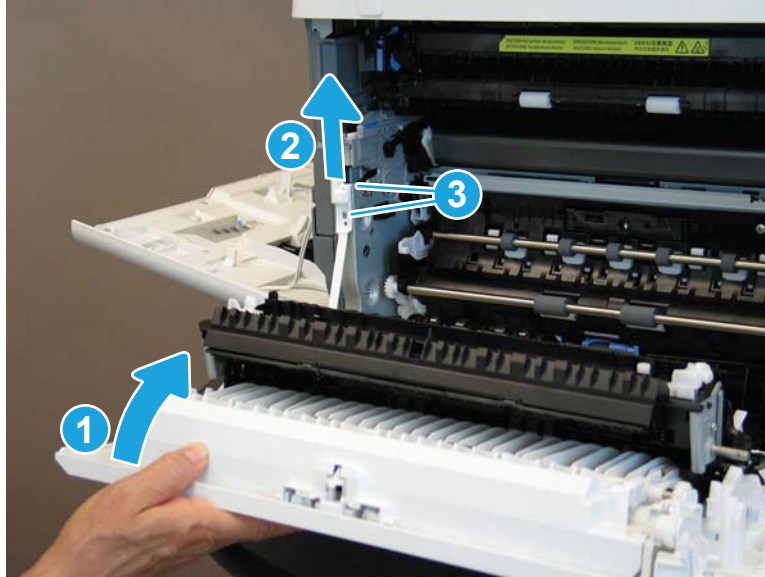
- f. Remove one screw (callout 1).

Figure 1-217 Remove one screw



- g. Raise the door slightly (callout 1) to take tension off of the hinge. Slide the hinge up (callout 2) to release two hooks (callout 3).

Figure 1-218 Release the hinge



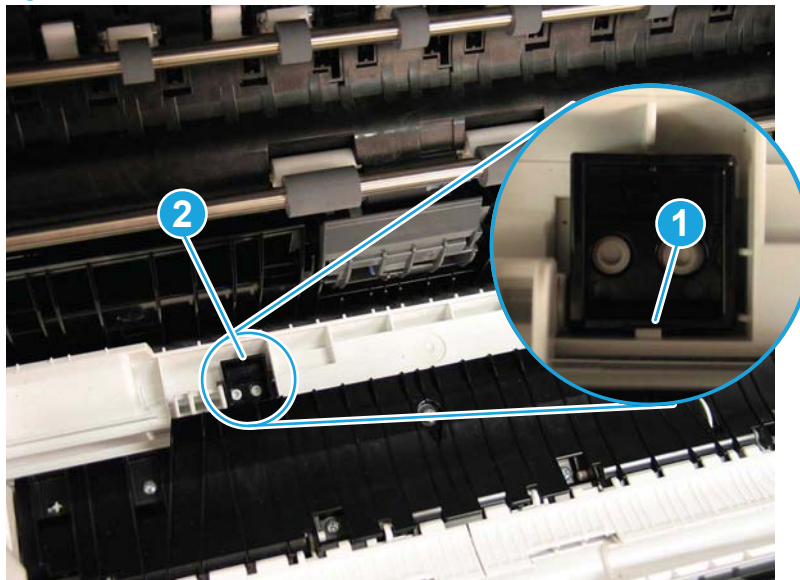
- h. Release one tab (callout 1), and then remove the stopper (callout 2).

---

 **TIP:** Use needle-nosed pliers to release the stopper.

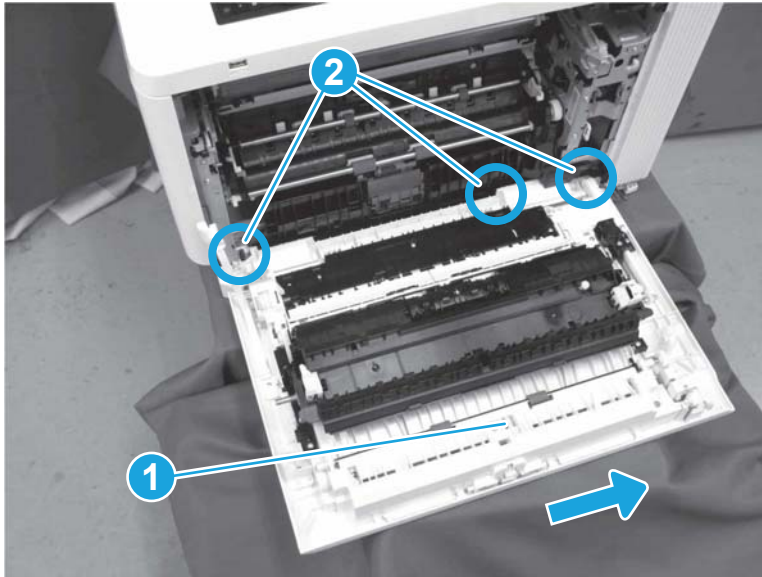
---

Figure 1-219 Remove the stopper



- i. Slide the right door (callout 1) to the right to release it from three tabs (callout 2), and then remove the right door.

**Figure 1-220** Remove the right door



7. Remove the right handle.
  - a. If additional paper trays are installed under the printer, lift the printer off of the trays and onto a flat working surface.

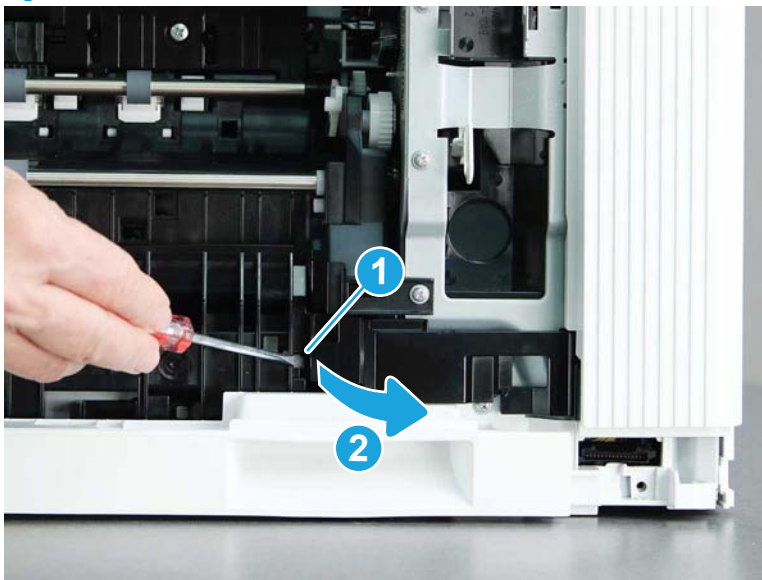
---

**CAUTION:** The printer is heavy. HP recommends that three people lift the printer.

---

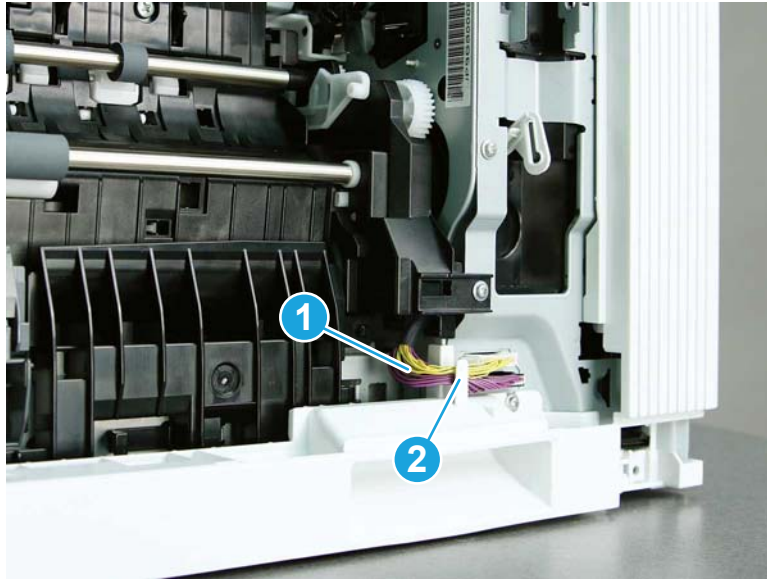
- b. Release one tab (callout 1), and then rotate the cover away (callout 2) to remove it.

**Figure 1-221** Release two tabs



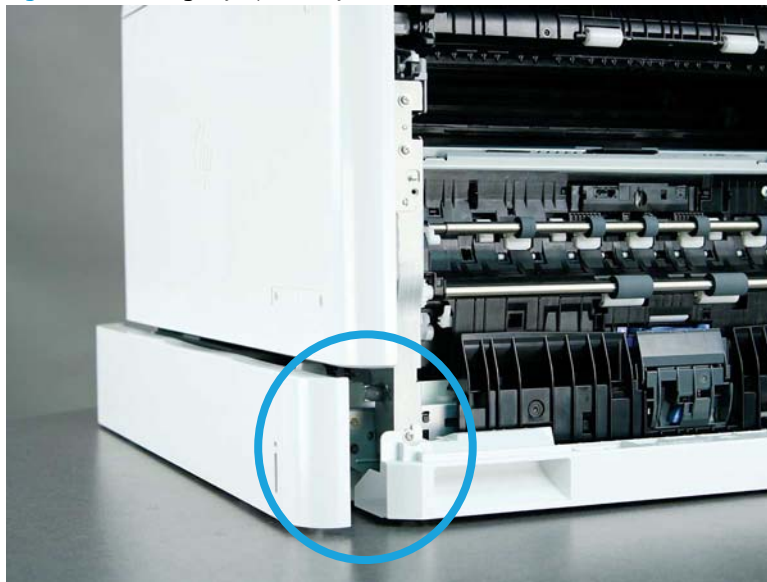
- c. Release the cables (callout 1) from the guide (callout 2).

Figure 1-222 Remove the cables from the guide




- d. Slightly open Tray 2.

Figure 1-223 Slightly open Tray 2



- e. Lift the right side of the printer (callout 1), and then slide a ream of paper (callout 2) under the edge of the printer so that it remains tilted.

 **IMPORTANT:** Make sure that all four imaging drums are installed before tilting the printer to prevent toner leakage inside the printer.


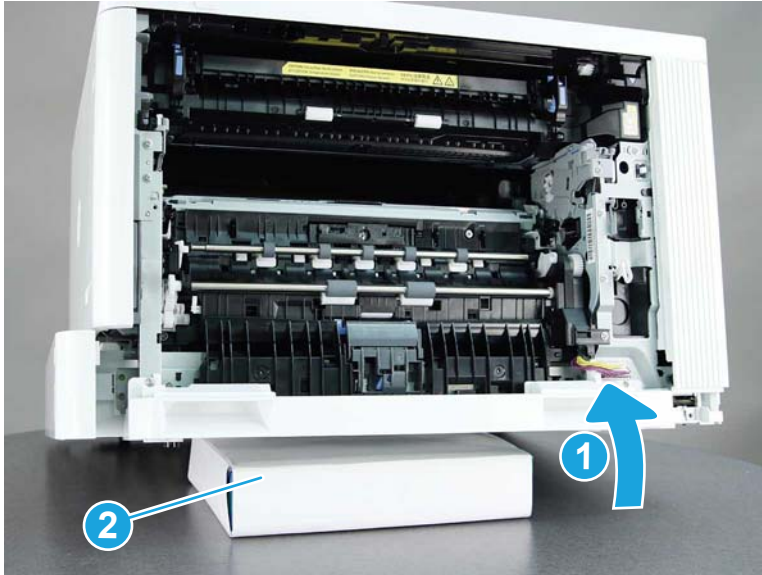
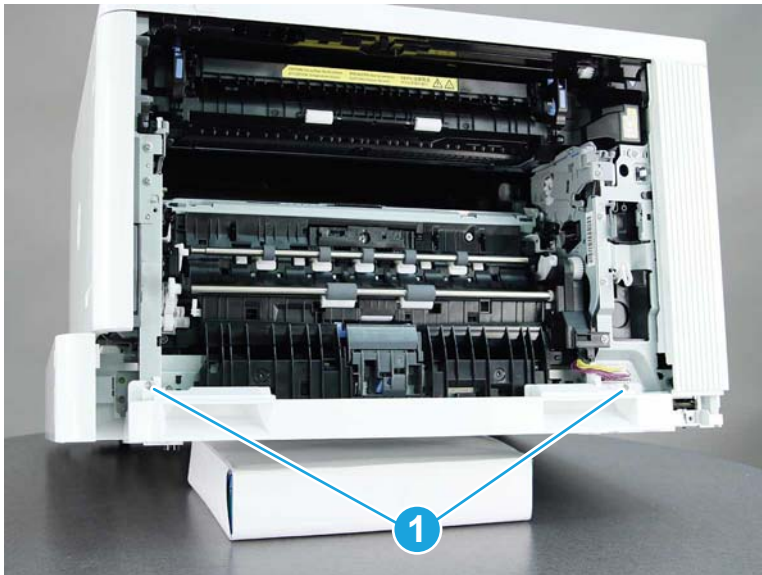
 **CAUTION:** Make sure that the left edge of the printer does not slide off of the work surface.

Figure 1-224 Position the printer



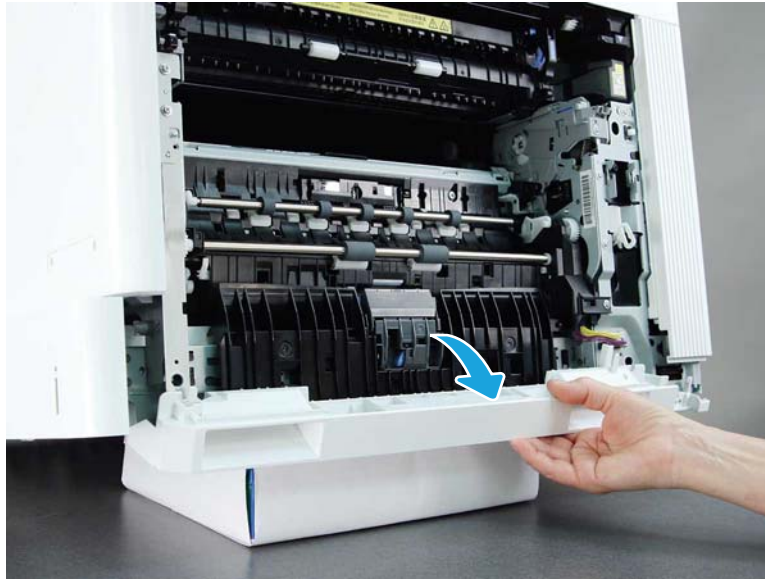
- f. Remove two screws (callout 1).


Figure 1-225 Remove two screws

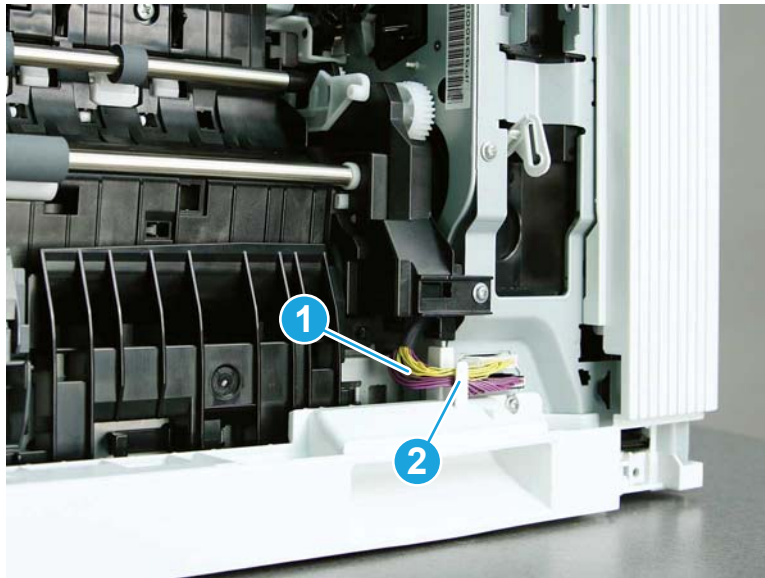


- g. Rotate the right handle (callout 1) away from the printer to remove it.

Figure 1-226 Remove the right handle




 **NOTE:** When installing the right handle, make sure that the cables (callout 1) are installed behind the guide (callout 2) so they are not pinched when the cover is installed.



- 8. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Top cover (M856/E85055)

Learn how to remove and replace the top cover.


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-26** Part information

Part number	Part description
RC5-2623-000CN	Cover, upper

---

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

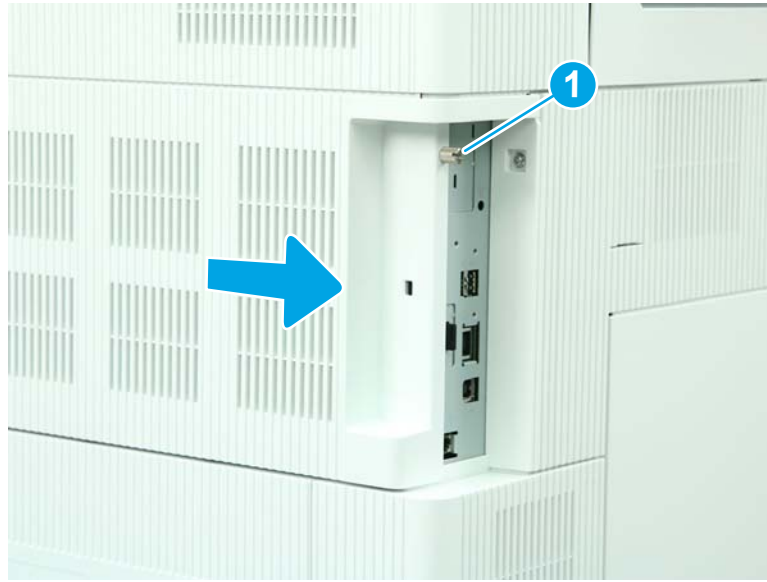


## Post service test

Make sure that the printer initializes to a **Ready** state. Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-227 Remove the formatter cover

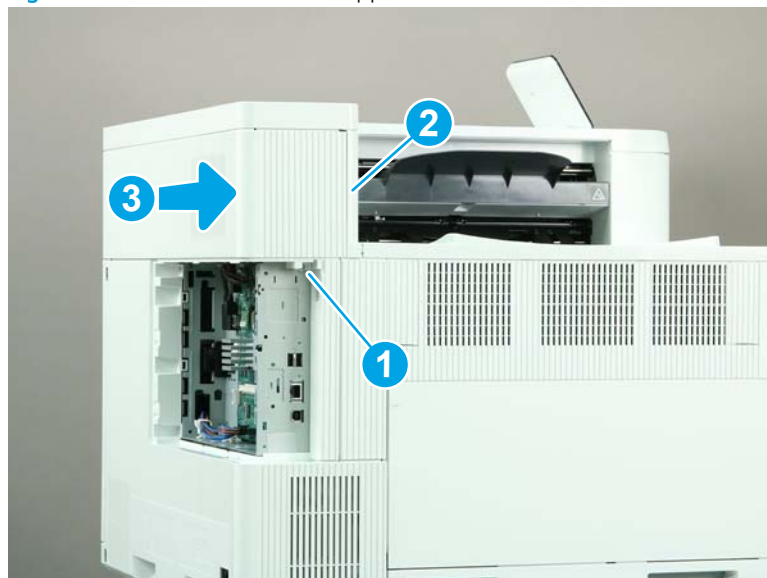


2. Remove the rear upper cover (M856/E85055/M776dn/M776z).


 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-228 Remove the rear upper cover



3. Remove the control panel (M856/E85055).

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

**Figure 1-229** Remove the control panel cover



- b. Remove one screw (callout 1).

**Figure 1-230** Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-231** Slide the control panel back



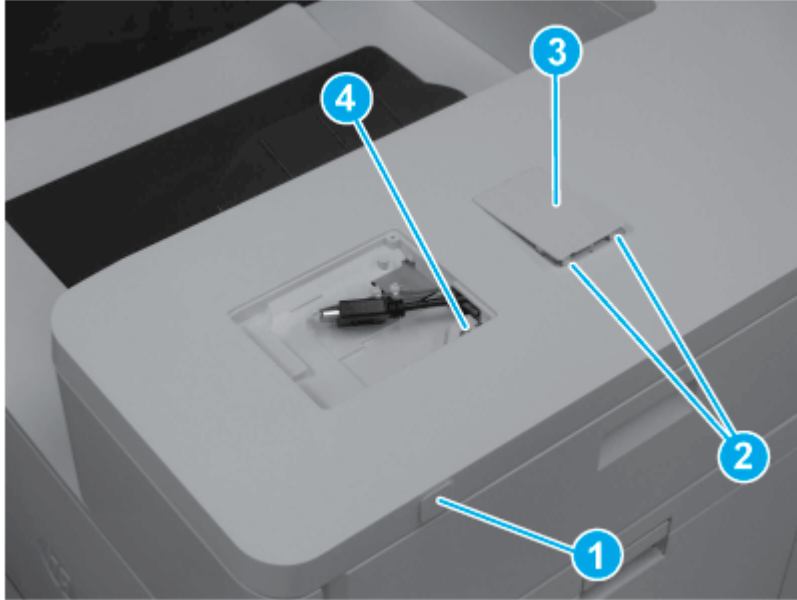
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

**Figure 1-232** Disconnect two connectors



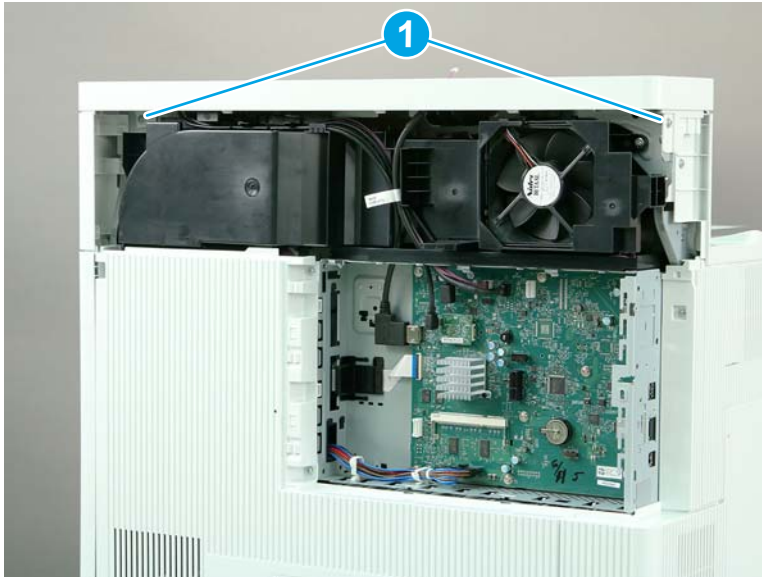
- 4. Remove the top cover (M856/E85055).
  - a. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-233 Remove covers and one screw



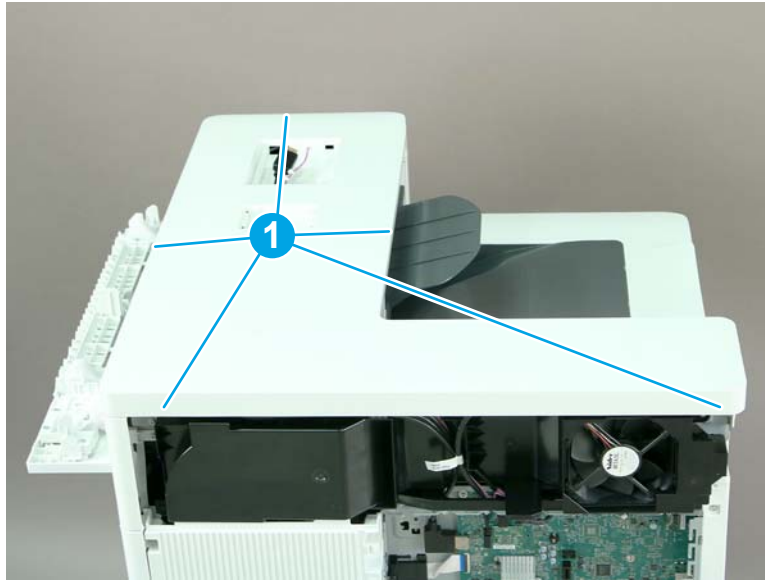
- b. Remove two screws (callout 1).

Figure 1-234 Remove two screws



- c. Release five tabs (callout 1), and then remove the top cover.

**Figure 1-235** Release five tabs



5. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Accessory upper cover (M856/E85055/M776dn/M776z)

Learn how to remove and replace the accessory upper cover.



[View a video of how to remove and replace the accessory upper cover.](#)

Mean time to repair: 3 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-27** Part information

Part number	Part description
RCS-2621-000CN	Cover, option, upper

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

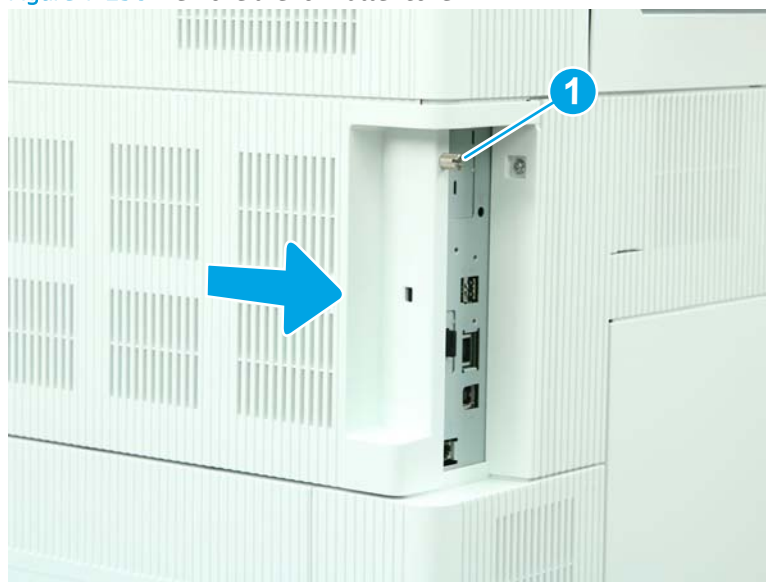
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state. Print a page to make sure that the printer is functioning correctly.

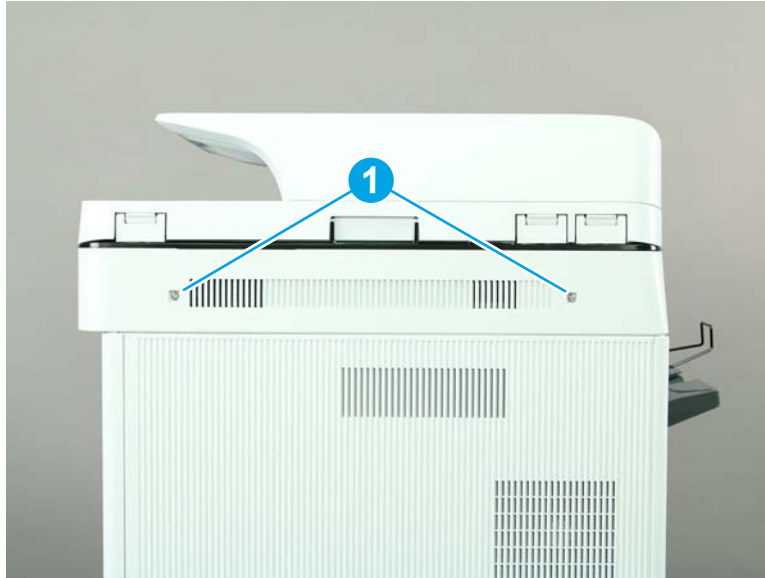
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-236** Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

**Figure 1-237** Remove two screws



- b. Remove the SCB cover.

**Figure 1-238** Remove the SCB cover

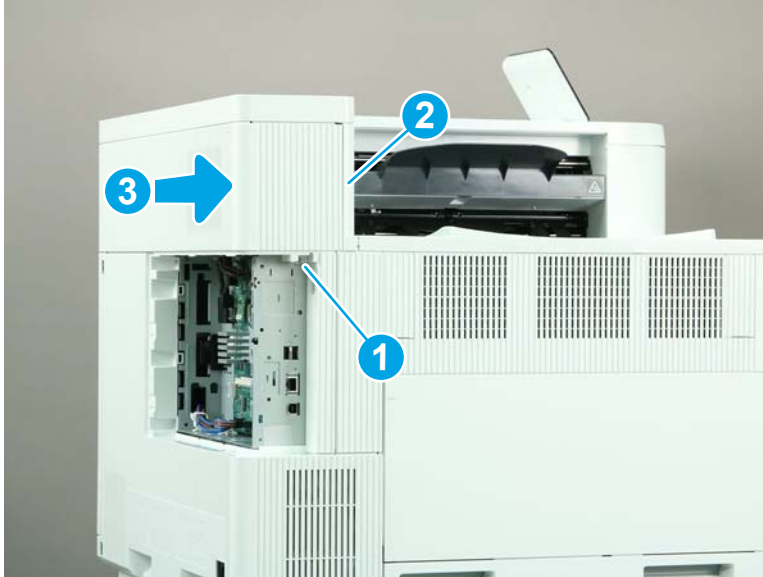


3. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-239 Remove the rear upper cover



4. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

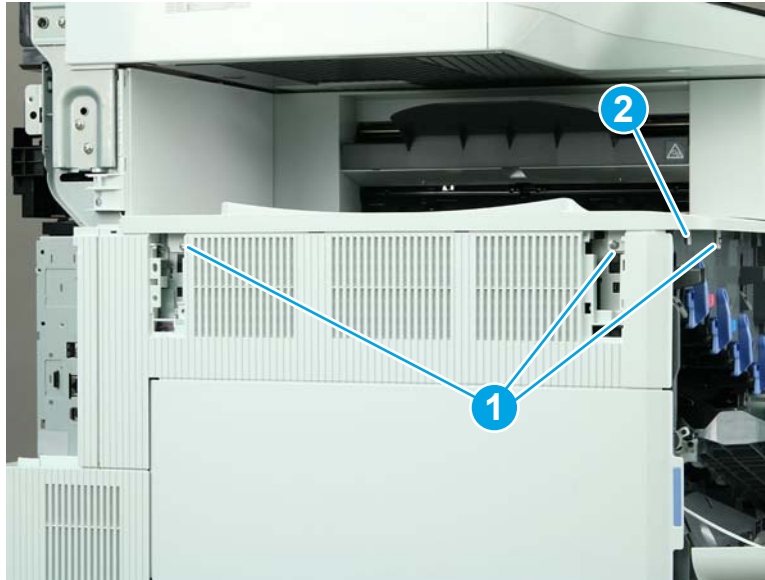
Figure 1-240 Remove two covers





- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-241 Remove three screws and release one tab




- c. Slide the accessory upper cover away from the printer to remove it.

Figure 1-242 Remove the accessory upper cover



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Left upper front and rear covers (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the left upper front and rear covers.


Mean time to repair: 1 minute

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-28** Part information

Part number	Part description
RC5-1805-000CN	Cover, left upper, F
RC5-1806-000CN	Cover, left upper, R

---

### Required tools

- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on


- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

No post service test is available for this assembly.

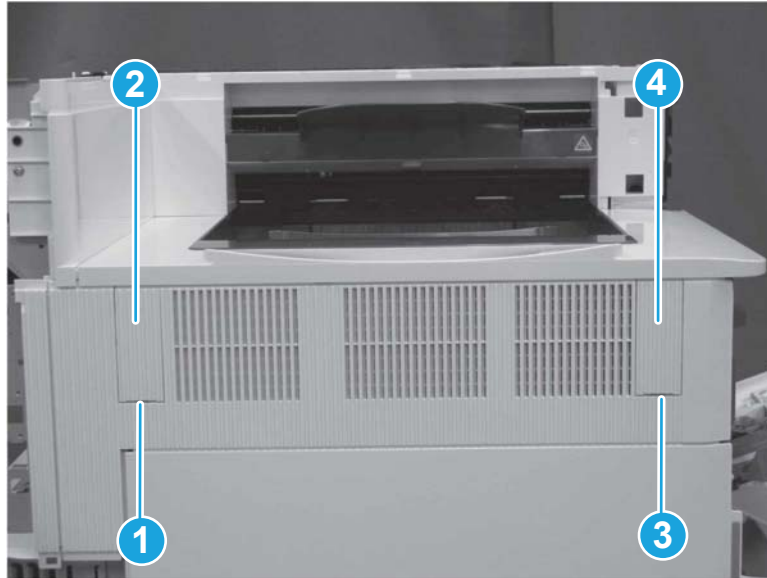
1. Remove the left upper front and rear covers (M751/E75245/M856/E85055/M776).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

 **NOTE:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.


- ▲ Use a small, flat-blade screwdriver to release one tab (callout 1), and then remove the left upper rear cover (callout 2). Release one tab (callout 3), and then remove the left upper front cover.

**Figure 1-243** Remove the left upper front and rear covers




2. Unpack the replacement assembly.

- a. Dispose of the defective part.


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Left lower cover (M856/E85055/M776)

Learn how to remove and replace the left lower cover.


Mean time to repair: 1 minute

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-29** Part information

Part number	Part description
RC5-2632-000CN	Cover, left rear

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

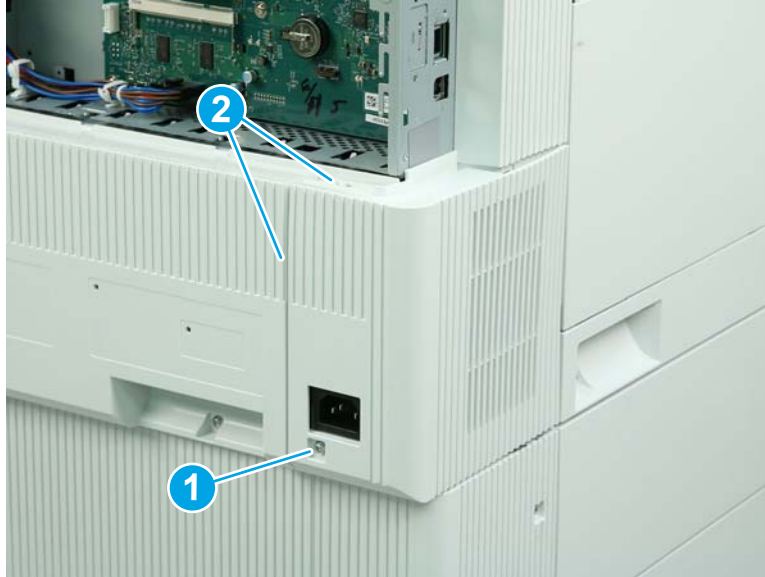
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

No post service test is available for this assembly.

1. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-244 Remove one screw and release two tabs




- b. Rotate the cover away from the printer to remove it.

Figure 1-245 Remove the left lower cover



- 2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Reverse tray (M856/E85055/M776dn/M776z)

Learn how to remove and replace the reverse tray.

 [View a video of how to remove and replace the reverse tray.](#)


Mean time to repair: 20 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-30** Part information

Part number	Part description
RL2-2563-000CN	Tray, reverse

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

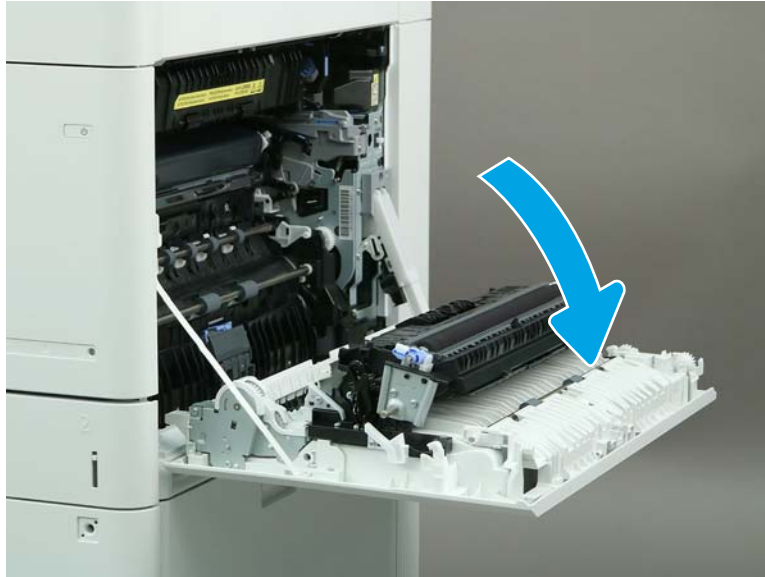
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

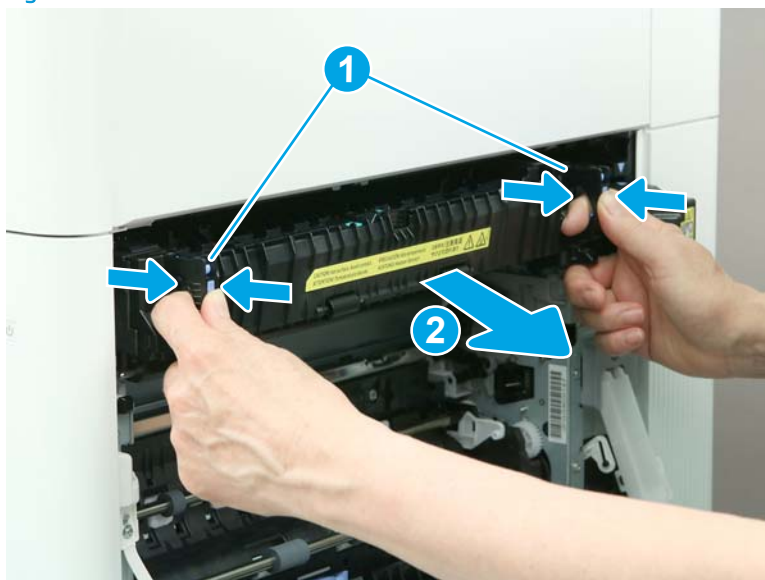
1. Remove the fuser.
  - a. Open the right door.

Figure 1-246 Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

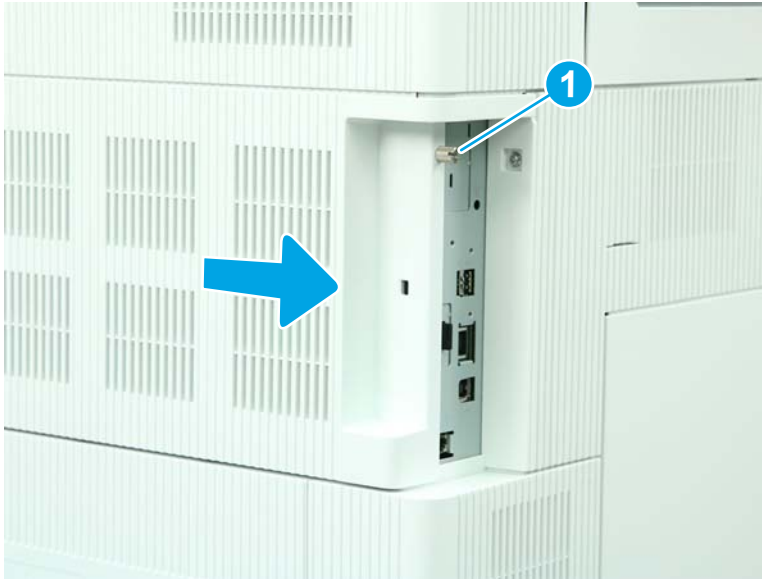
Figure 1-247 Remove the fuser



2. Remove the formatter cover.

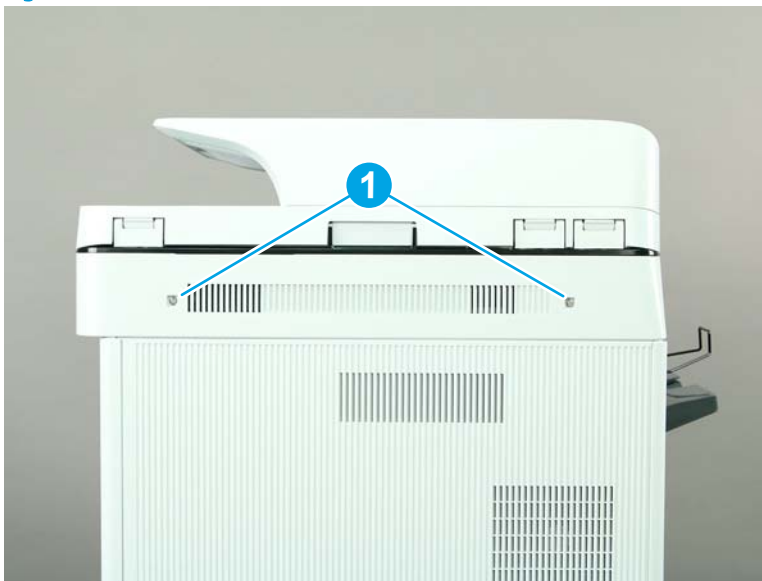
- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-248 Remove the formatter cover



- 3. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-249 Remove two screws





- b. Remove the SCB cover.

**Figure 1-250** Remove the SCB cover

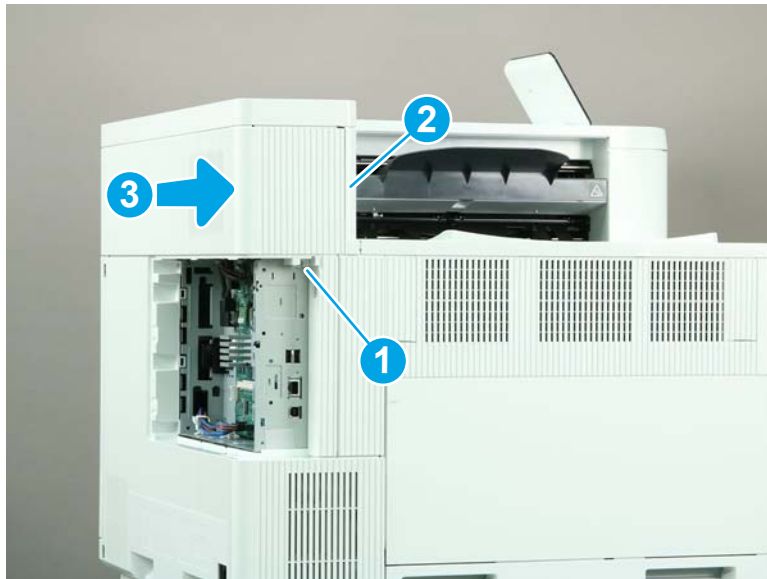


4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- a. Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-251** Remove the rear upper cover



5. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-252 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-253 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-254 Slide the control panel back



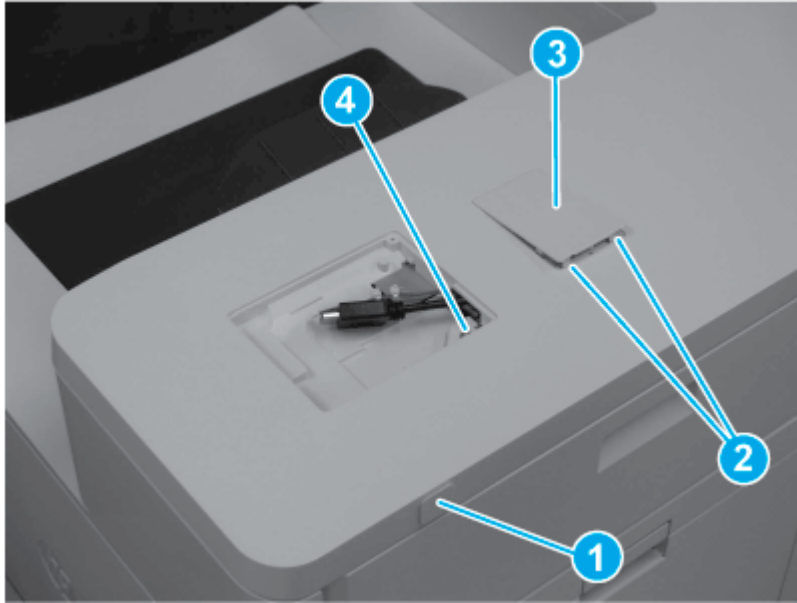
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-255 Disconnect two connectors



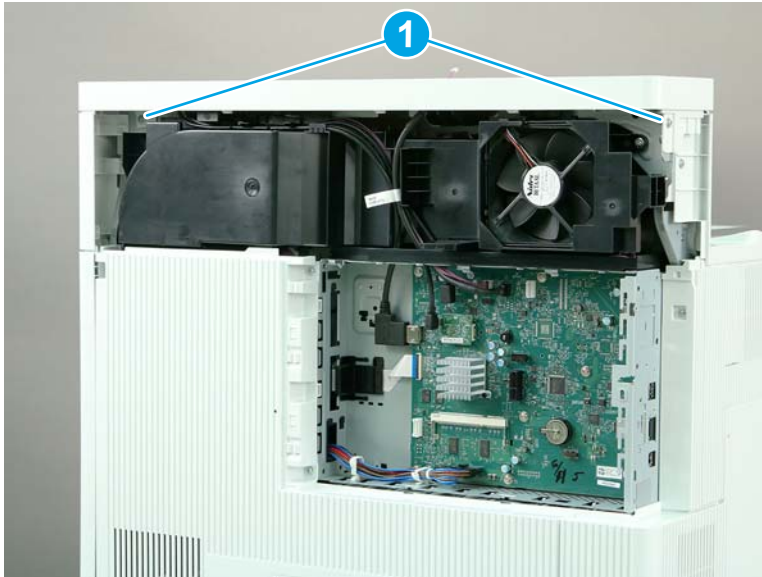
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-256 Remove covers and one screw



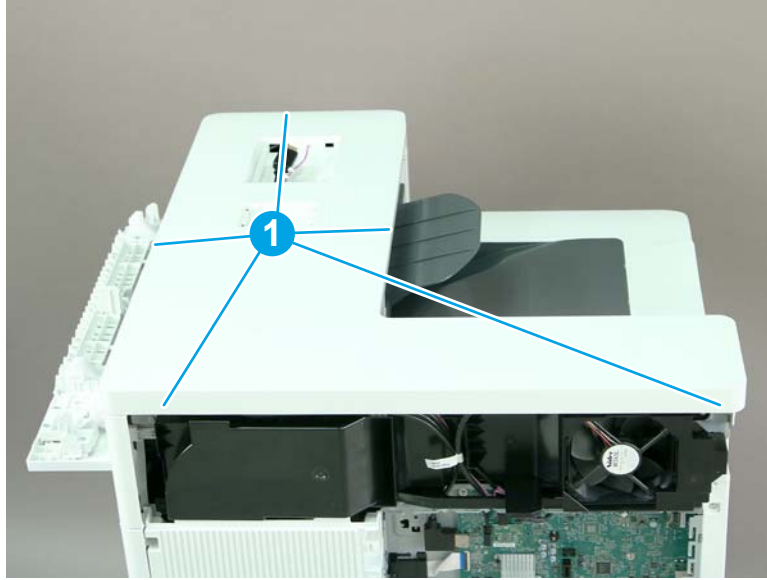
- f. Remove two screws (callout 1).

Figure 1-257 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-258 Release five tabs

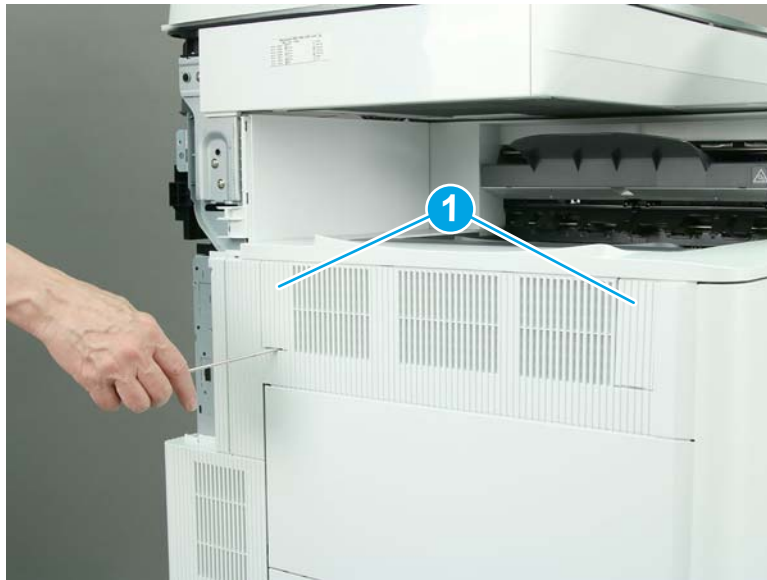


- 6. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

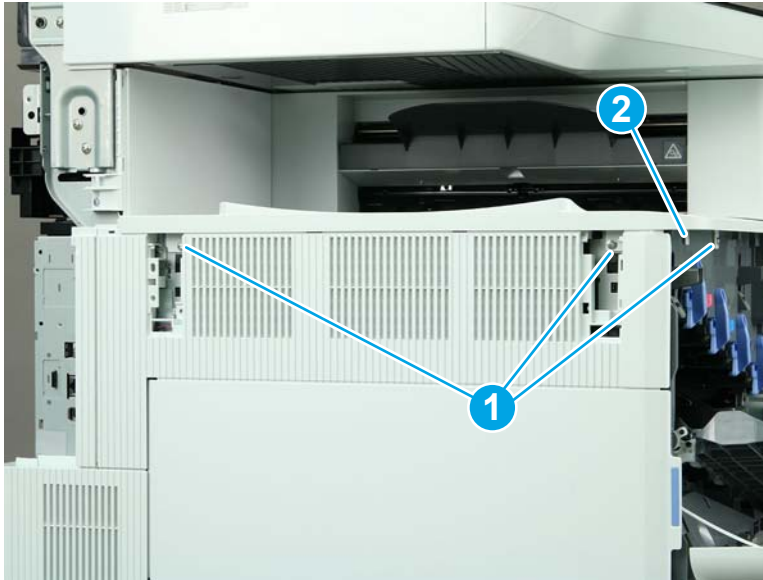
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-259 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-260 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

Figure 1-261 Remove the accessory upper cover

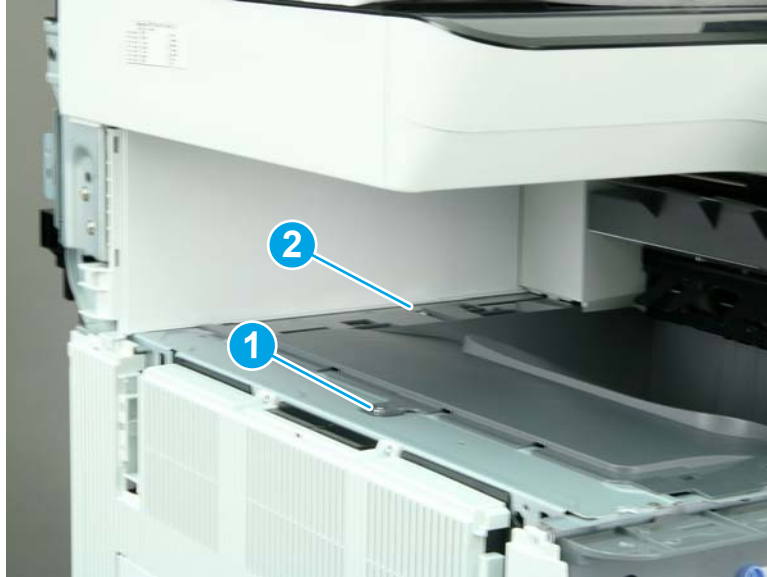


- 7. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-262 Remove two screws



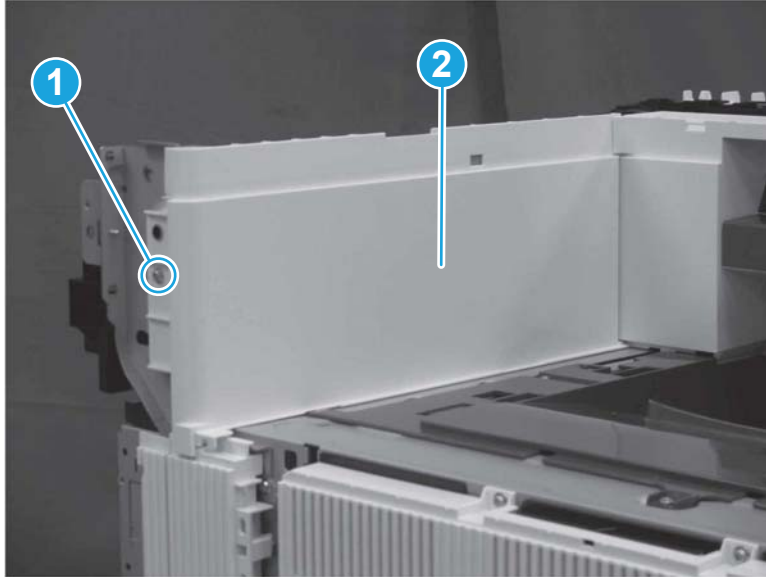
- b. Remove the output bin.

Figure 1-263 Remove the output bin



- 8. Remove the main cover (M856/E85055)
  - ▲ Remove one screw (callout 1), and then slide the main cover (callout 2) away from the printer to remove it.

Figure 1-264 Remove the main cover



9. Remove the main cover (M776dn/M776z)


- ▲ Remove one screw (callout 1), and then slide the main cover (callout 2) away from the printer to remove it.

Figure 1-265 Remove the main cover



10. **M776 only:** Remove the control panel, keyboard, and nose cone.

---

 **NOTE:** This step applies to only the M776 models. Skip this step for all other models

---

- a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).



Figure 1-266 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

---

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-267 Release the control panel cover



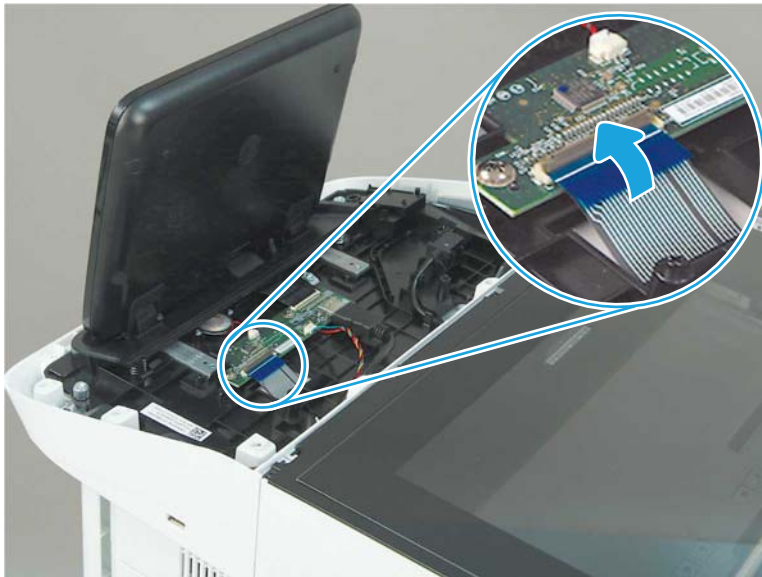
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-268 Remove the control panel cover



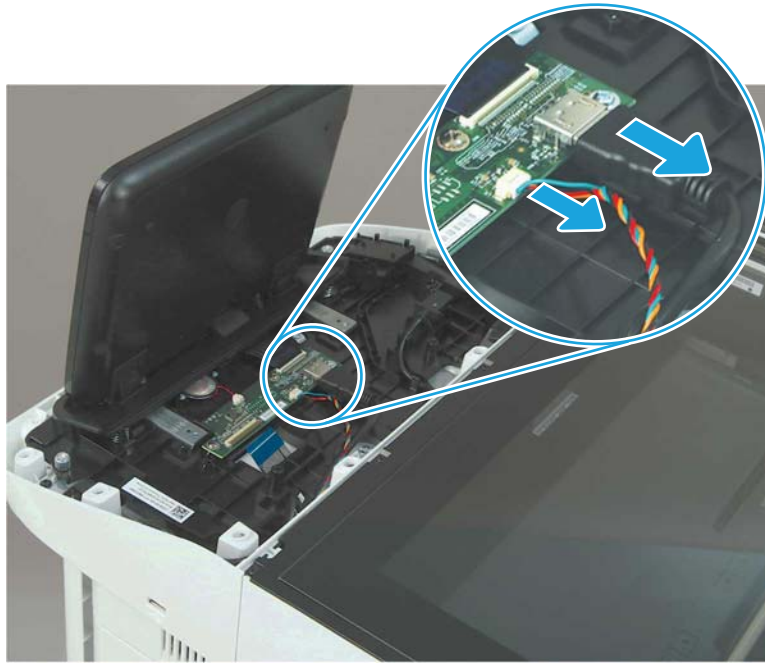
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-269 Release the keyboard flat cable (M776z/M776zs)



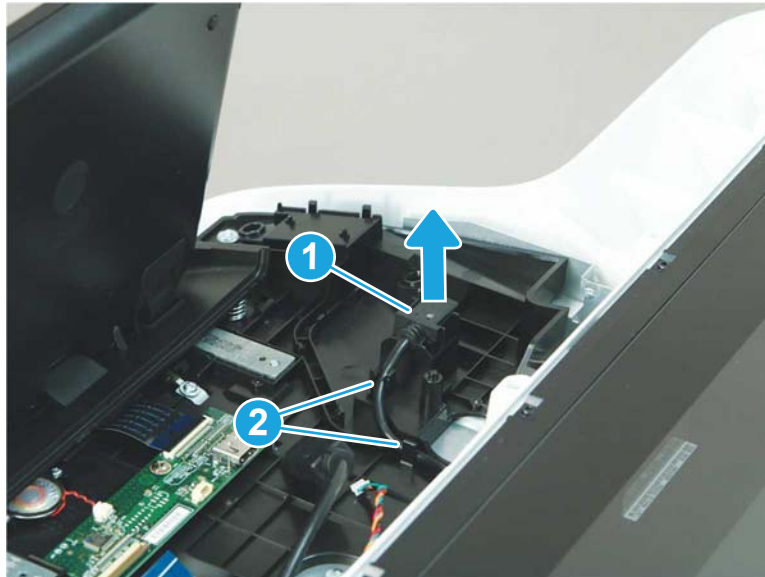
- e. Disconnect two connectors.

Figure 1-270 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-271 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-272 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-273 Remove the control panel



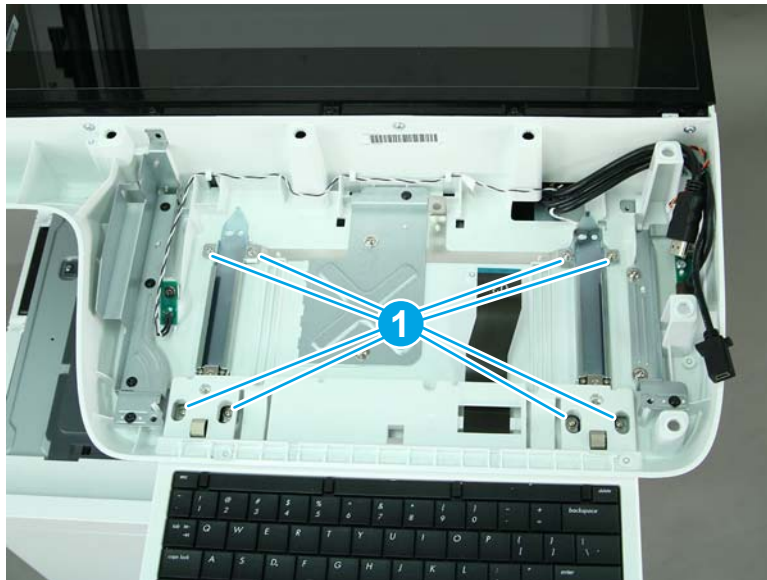
- i. **Keyboard models only:** Pull the keyboard out to its extended position.

Figure 1-274 Pull the keyboard out



- j. **Keyboard models only:** Remove eight screws (callout 1).

Figure 1-275 Remove eight screws



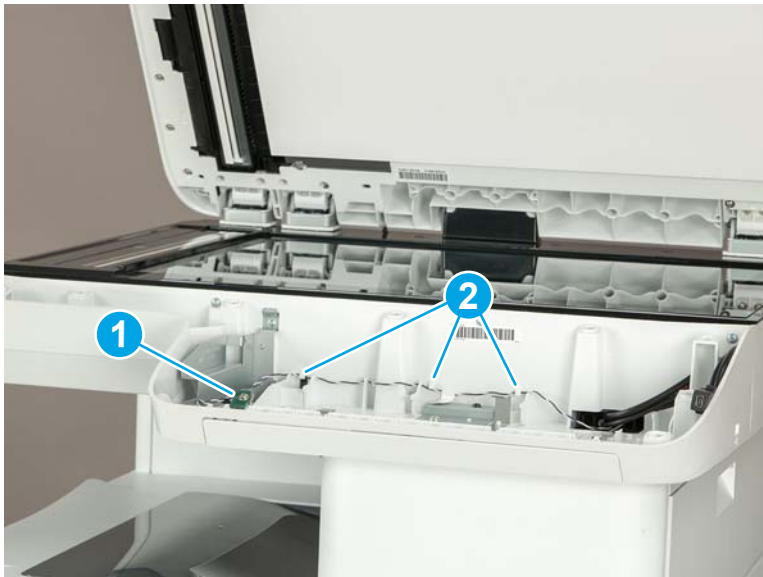
- k. **Keyboard models only:** Remove the keyboard and rails.

Figure 1-276 Remove the keyboard and rails



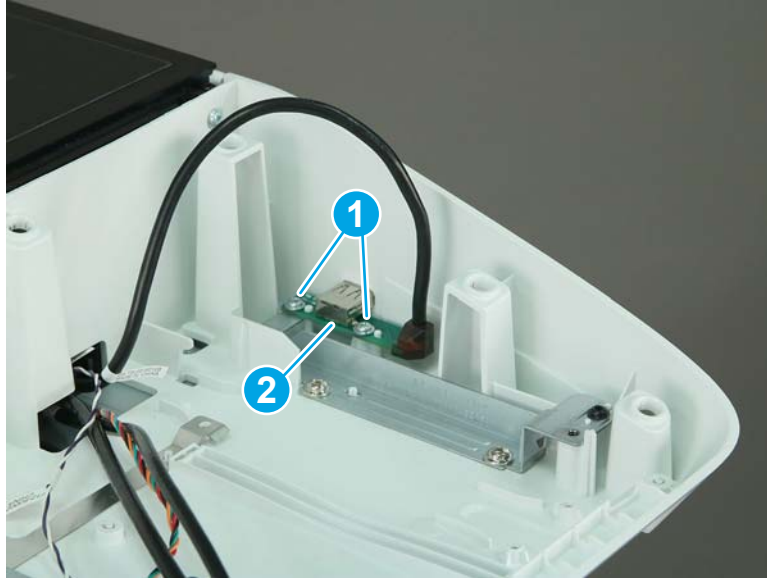
- l. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-277 Release the light PCA



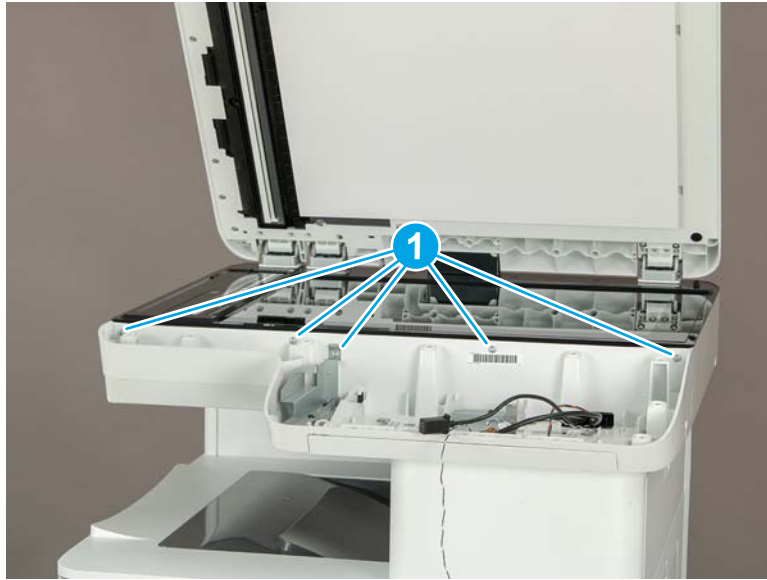
- m. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-278 Release the USB port PCA



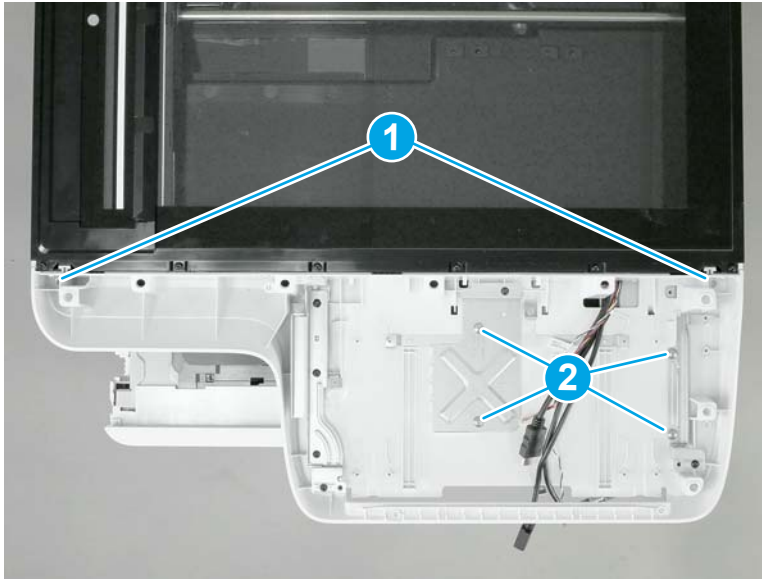
- n. Remove five screws (callout 1).

Figure 1-279 Remove four screws



- o. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-280 Remove six screws



- p. Lift the nose cone up and off of the printer to remove it.


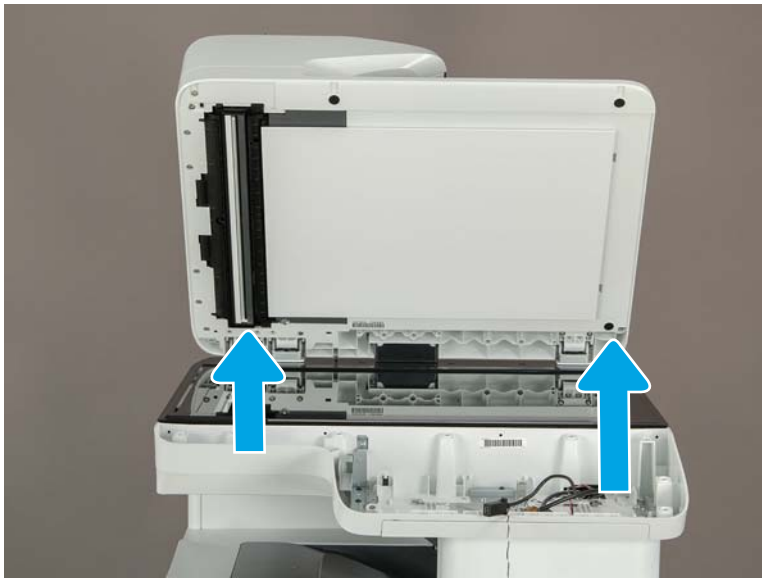
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

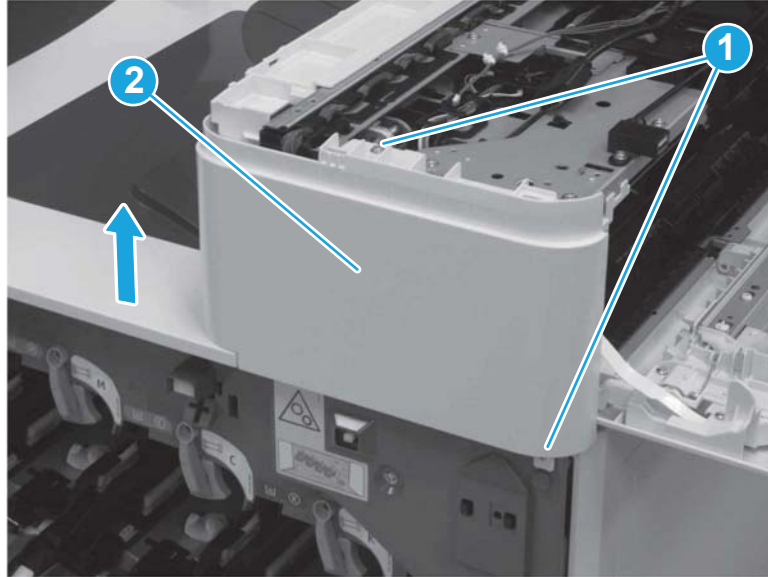
Figure 1-281 Remove the nose cone



- 11. Remove the right front cover (M856/E85055/M776dn/M776z).
  - ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.



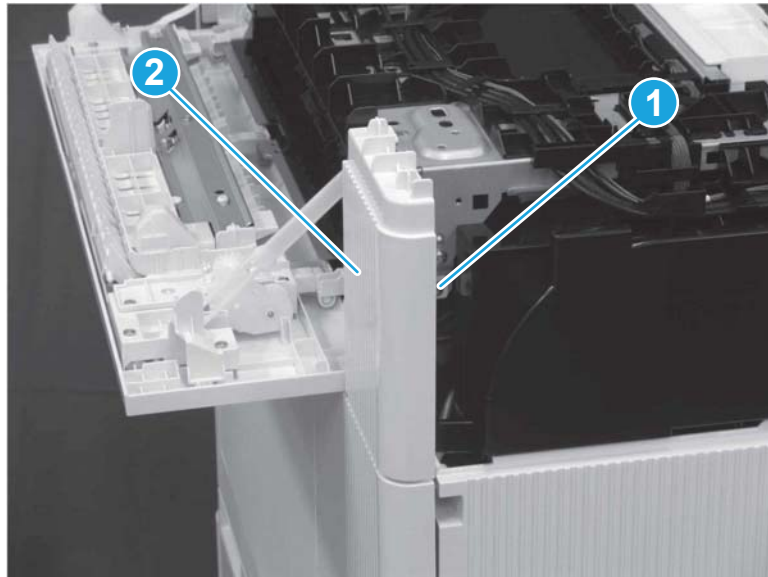
Figure 1-282 Remove the right front cover



12. Remove the right rear upper cover (M856/E85055/M776dn/M776z)

- ▲ Remove one screw (callout 1), and then slide the right rear upper cover (callout 2) away from the printer to remove it.

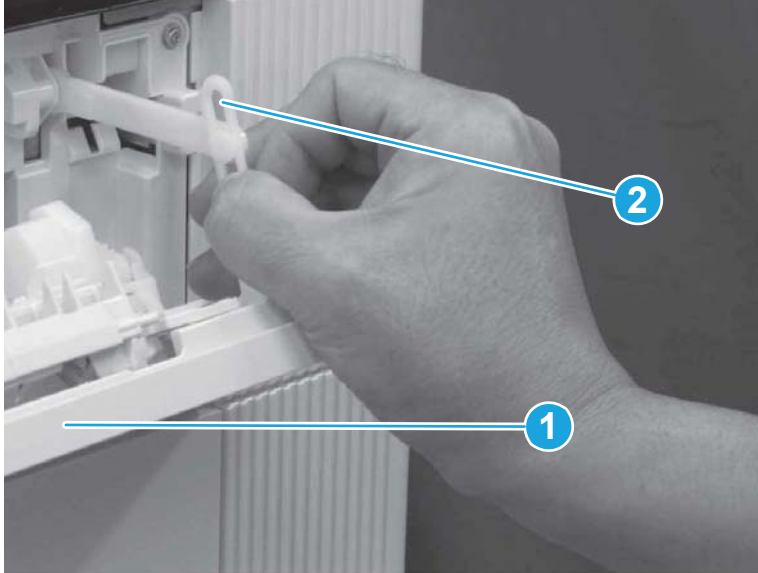
Figure 1-283 Remove the right rear upper cover



13. Remove the right upper door (M856/E85055/M776dn/M776z)

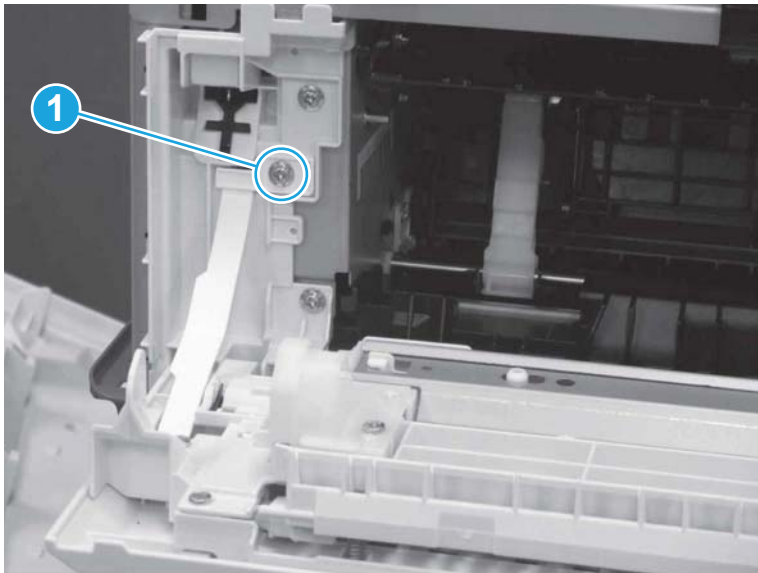
- a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-284 Open the door and release the link



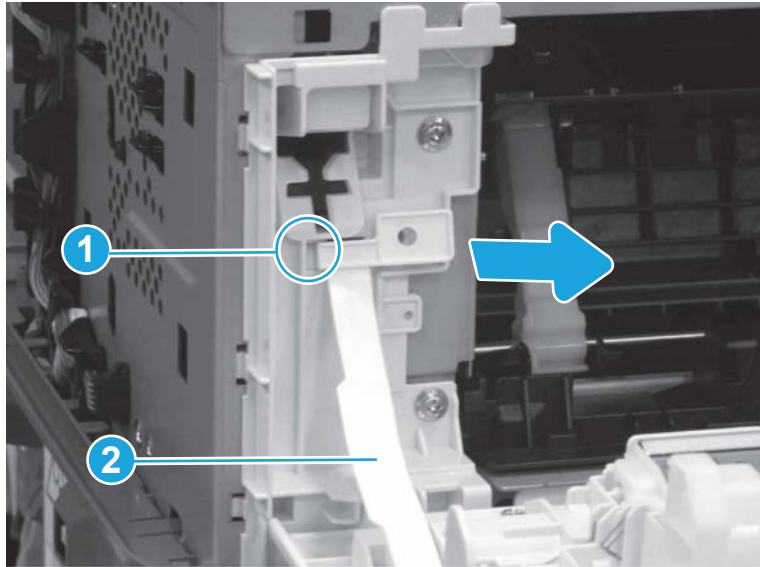
- b. Remove one screw (callout 1).

Figure 1-285 Remove one screw



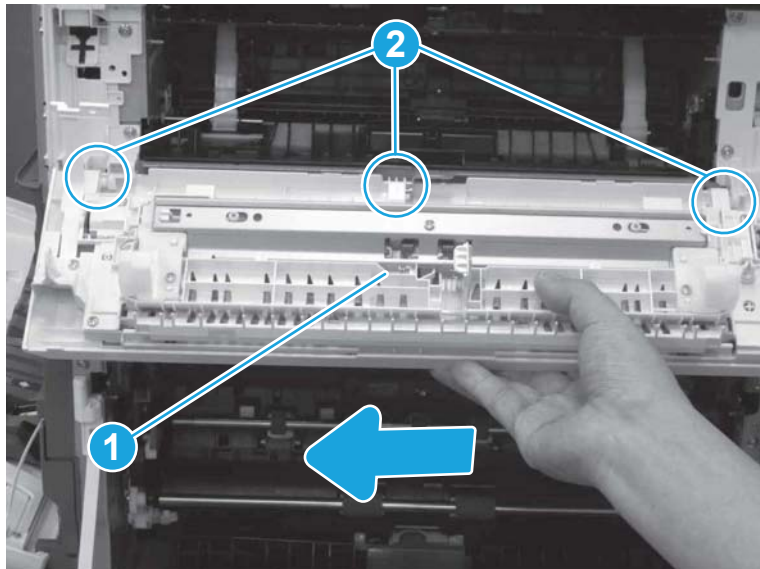
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-286 Release one boss and hinge



- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

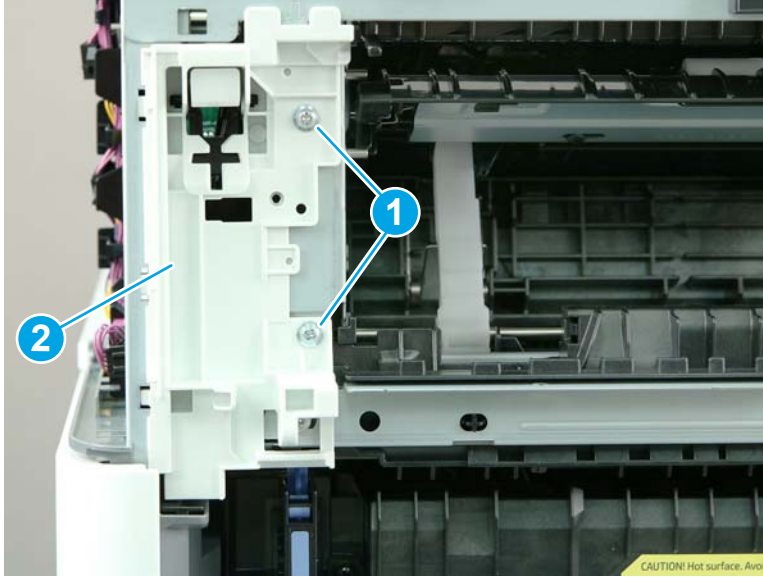
Figure 1-287 Remove the right upper door



14. Remove the delivery assembly (M856/E85055/M776dn/M776z).

- a. Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

Figure 1-288 Remove two screws and toggle front assembly (M856/E85055/M776dn/M776z)



- b. Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3).


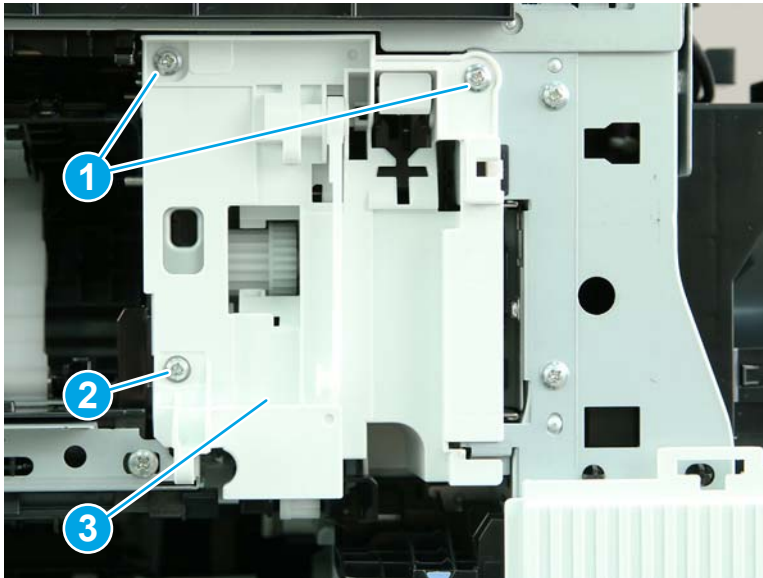
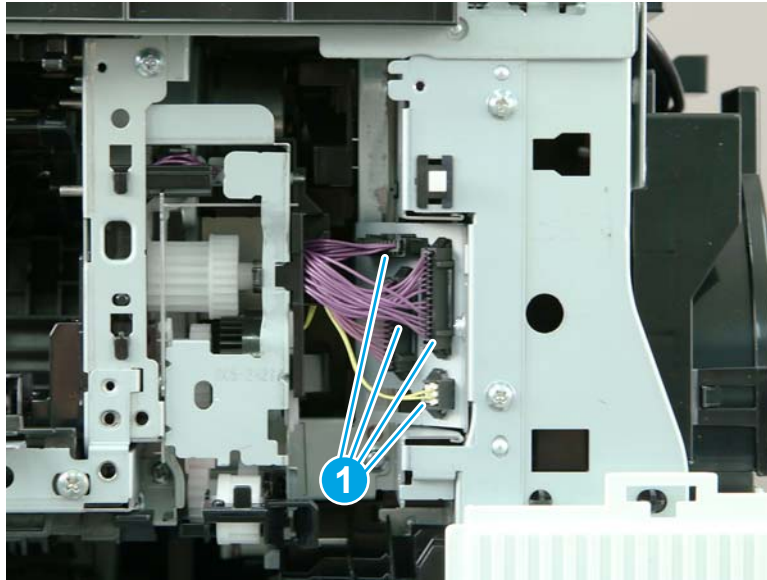
 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

Figure 1-289 Remove three screws and toggle rear assembly (M856/E85055/M776dn/M776z)



- c. Disconnect four connectors (callout 1).

Figure 1-290 Disconnect four connectors (M856/E85055/M776dn/M776z)

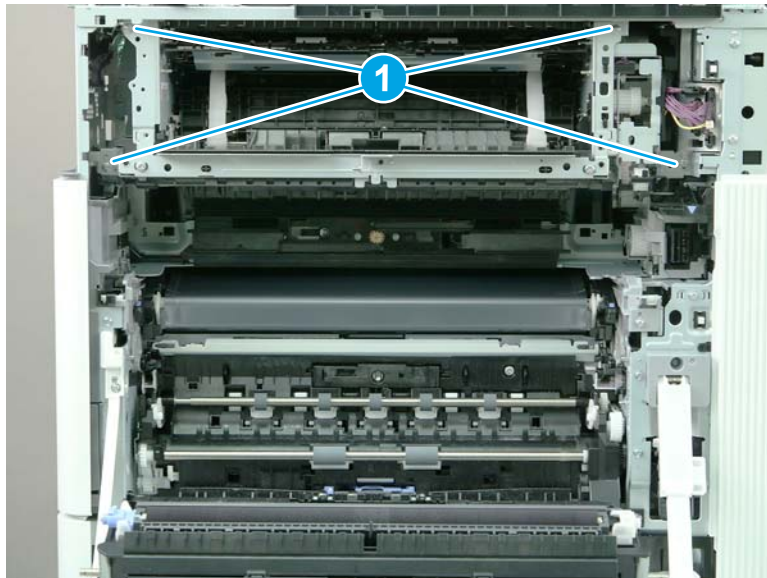


- d. Remove four screws (callout 1).



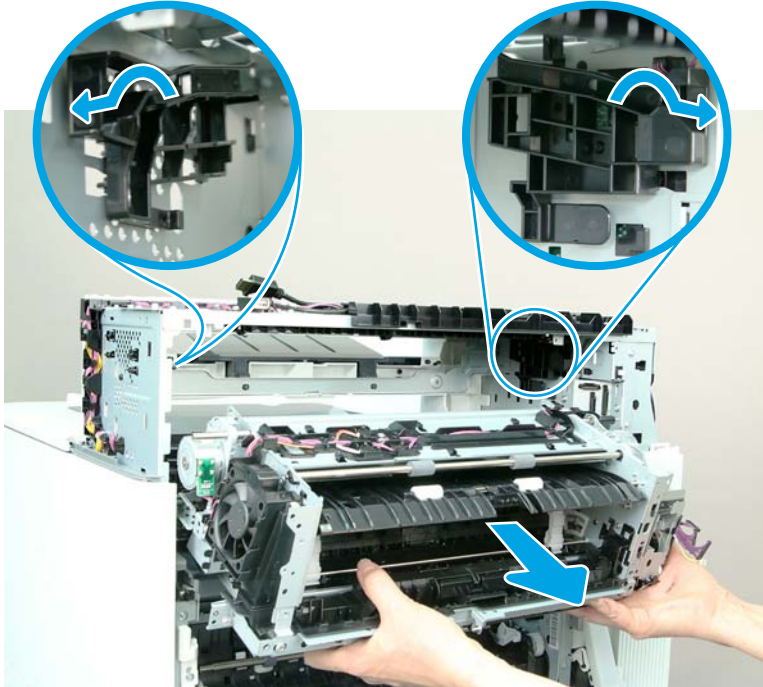
**NOTE:** The lower screws are shorter than the upper screws. Make sure to reinstall them in the correct position.

Figure 1-291 Remove four screws (M856/E85055/M776dn/M776z)



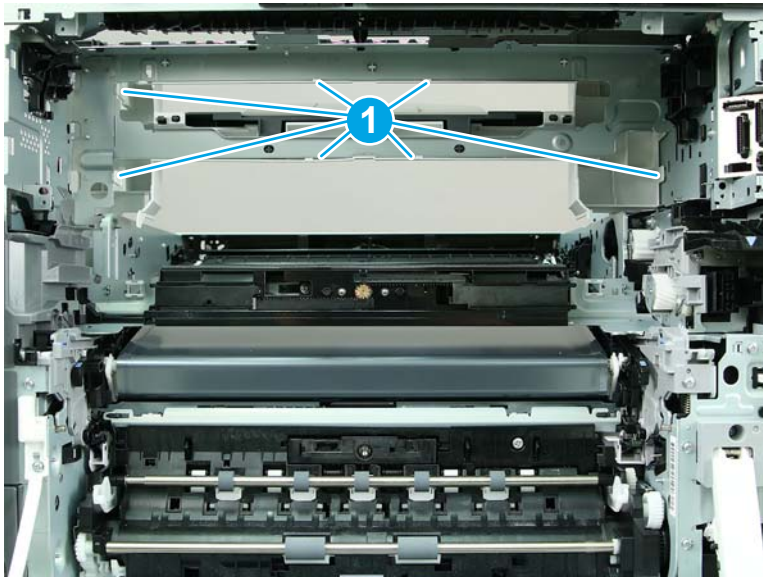
- e. Slide the delivery assembly away from the printer, and then lift up and out to release the posts from the tracks.

Figure 1-292 Remove the delivery assembly (M856/E85055/M776dn/M776z)



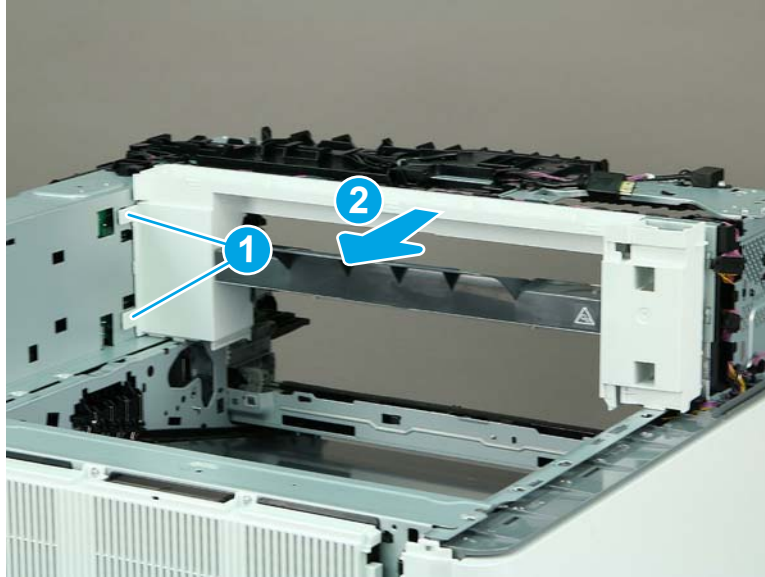
- 15. Remove the reverse tray (M856/E85055/M776dn/M776z).
  - a. Release seven tabs (callout 1) on the inside of the printer.

Figure 1-293 Release seven tabs



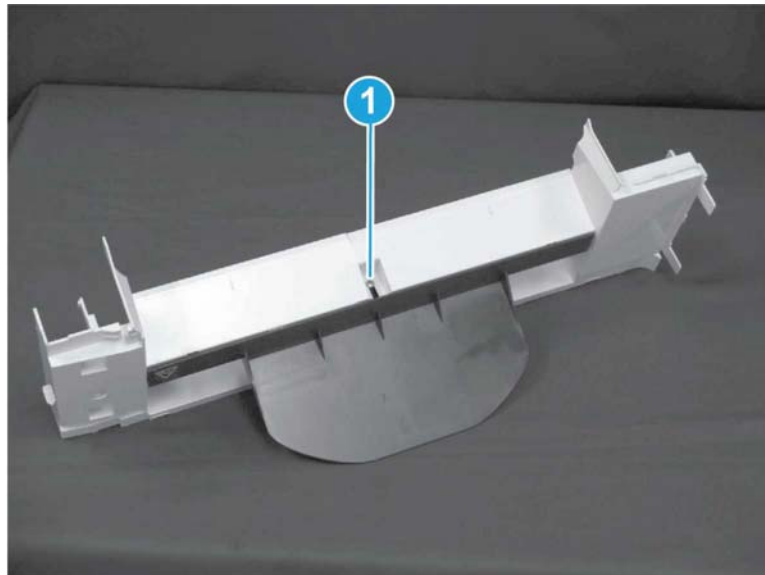
- b. Release two tabs (callout 1), and then slide the delivery cover and the reverse tray (callout 2) away from the printer to remove them.

Figure 1-294 Release two tabs



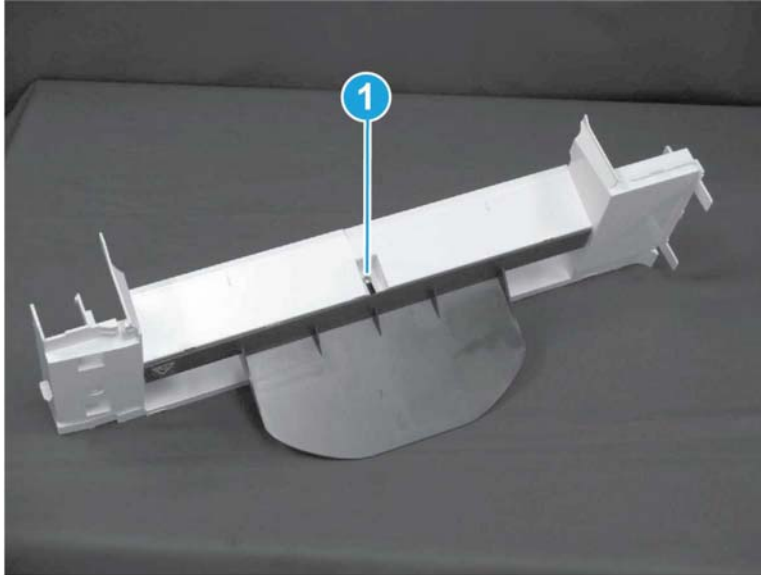
- c. Remove one screw (callout 1).

Figure 1-295 Remove one screw



- d. Release four tabs (callout 1), and then separate the delivery cover (callout 2) from the reverse tray (callout 3).

Figure 1-296 Remove the reverse tray



16. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

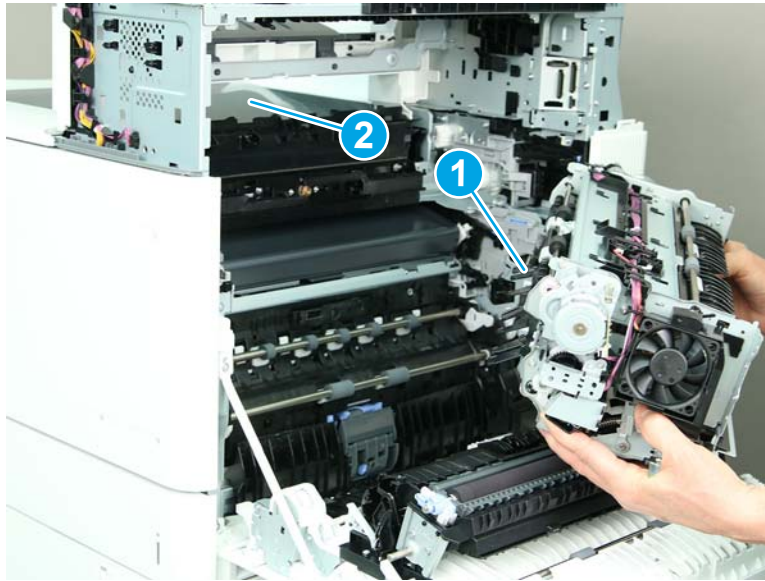
17. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.



### Install the delivery assembly (M856/E85055/M776dn/M776z).

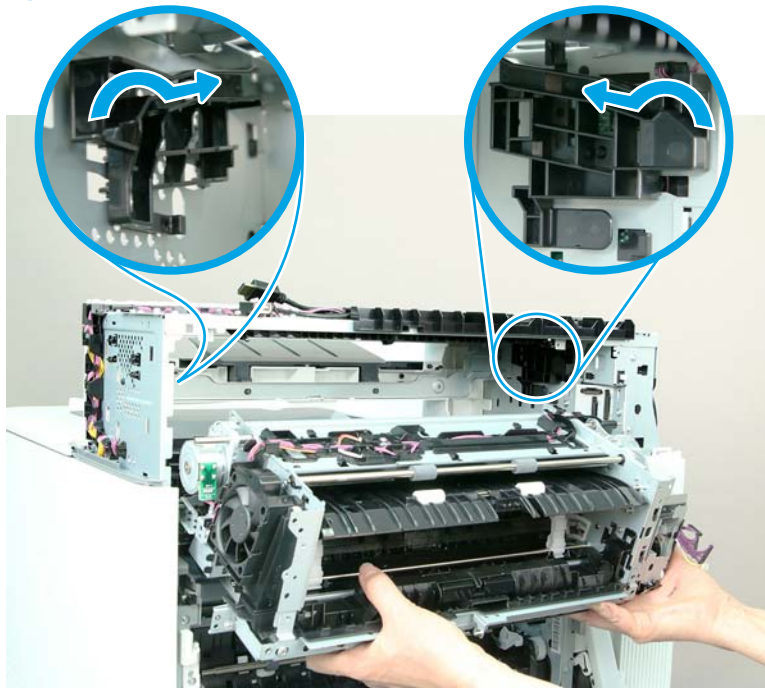
1. When reinstalling the delivery assembly, make sure that the flap (callout 1) on the delivery assembly goes through the opening (callout 2) in the cover.

**Figure 1-297** Install the flap through the opening (M856/E85055/M776dn/M776z)



2. When reinstalling the delivery assembly, position the posts on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the posts in the tracks.

**Figure 1-298** Install the delivery assembly (M856/E85055/M776dn/M776z)



### Removal and replacement: Document feeder (M776)

Learn how to remove and replace the document feeder.

 [View a video of how to remove and replace the document feeder.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-31** Part information

Part number	Part description
5851-7930	ADF whole unit enterprise
5851-7931	ADF whole unit work flow

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

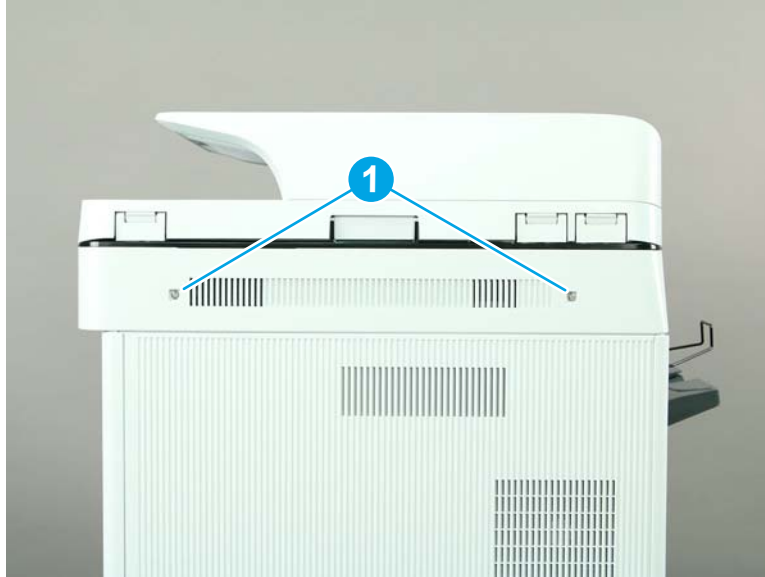
### Post service test

Make sure that the printer initializes to a **Ready** state.

Copy a page from the document feeder and verify it is functioning correctly.

1. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-299 Remove two screws



- b. Remove the SCB cover.

Figure 1-300 Remove the SCB cover



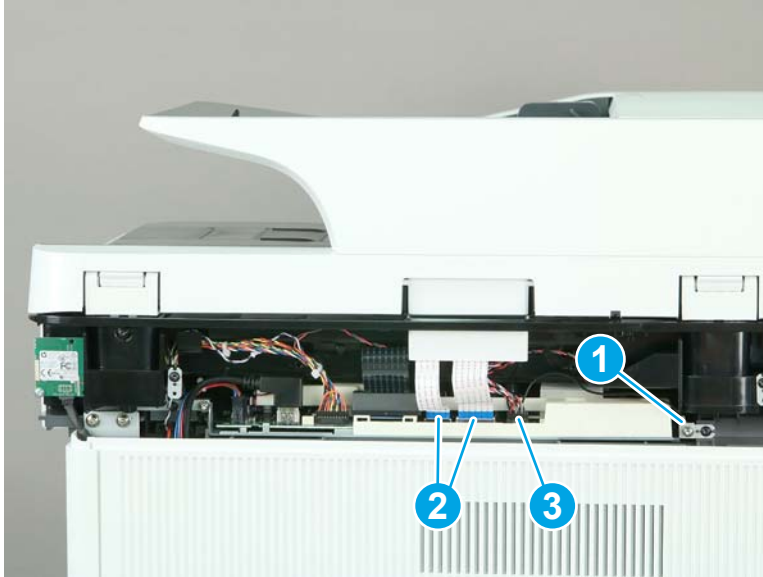
2. Remove the document feeder (M776dn/M776z/M776zs).
  - a. Remove one Torx T10 screw (callout 1) to release the ground wire, disconnect two flat cables (callout 2), and then disconnect one connector (callout 3).

---

**CAUTION:** These connectors (callout 2) are zero insertion force (ZIF) connectors. The clip on these connectors is easily dislodged and lost.

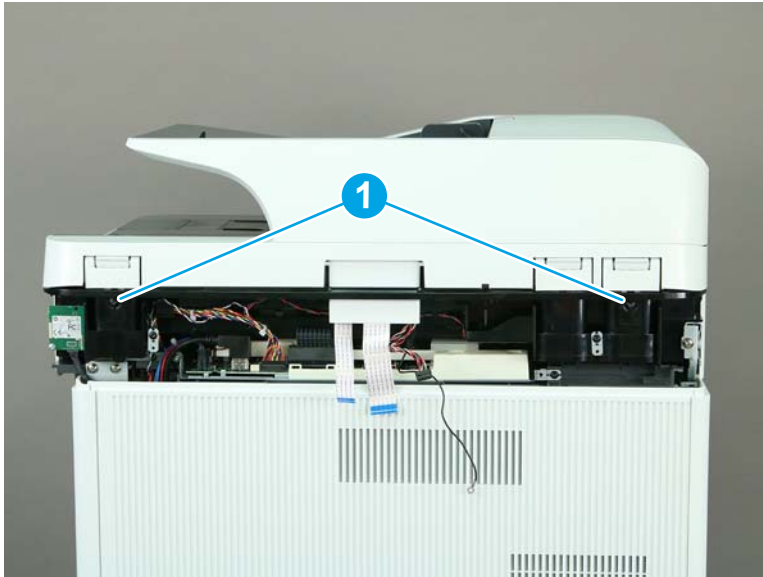
---

Figure 1-301 Remove one screw and disconnect three connectors



- b. Remove two screws (callout 1).

Figure 1-302 Remove two screws



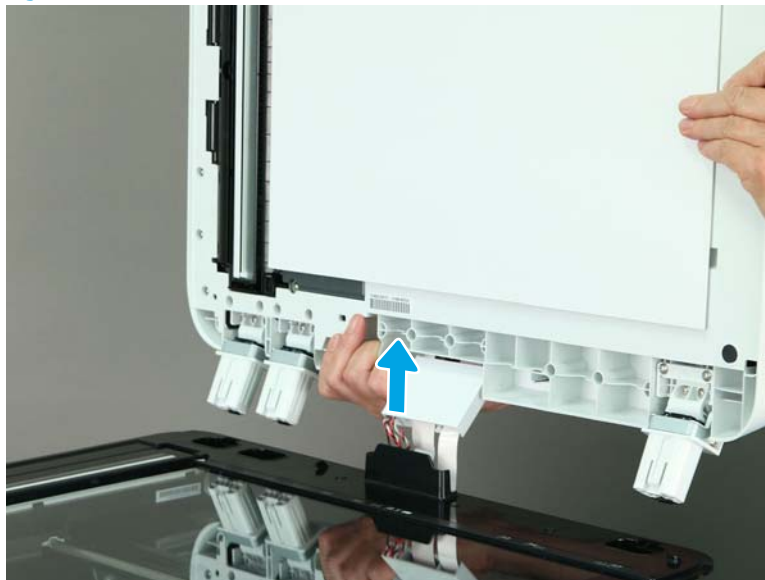
- c. Open the document feeder, and then lift it straight up until it stops at the retention tabs on each hinge (callout 1). Insert a small, flat-blade screwdriver between the hinge body and the slot in the scanner body (on the scanner glass side of the hinge) to release the retention tabs (on each hinge).

**Figure 1-303** Release the hinges




- d. Carefully thread the document feeder flat cables, wire harness, and ground wire up and through the opening in the scanner cover to remove the document feeder.

**Figure 1-304** Remove the document feeder



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Image scanner (M776)

Learn how to remove and replace the image scanner.


Mean time to repair: 15 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-32** Part information

Part number	Part description
5851-7915	Kit-image scanner whole unit

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

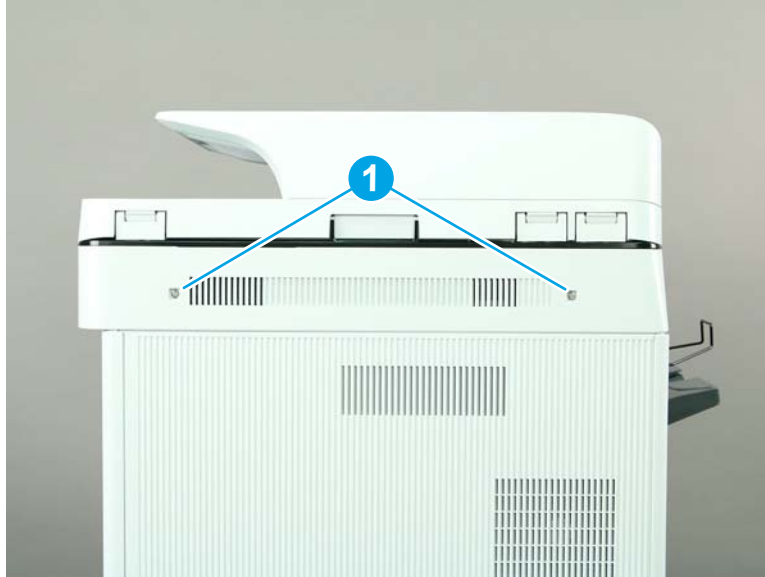
### Post service test

Make sure that the printer initializes to a **Ready** state.

Copy a page from the image scanner and verify it is functioning correctly.

1. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

**Figure 1-305** Remove two screws



- b. Remove the SCB cover.

**Figure 1-306** Remove the SCB cover



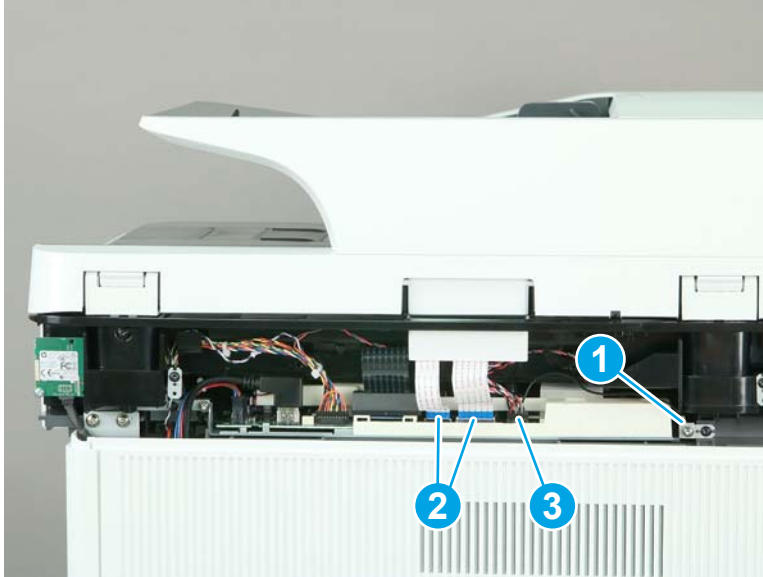
2. Remove the document feeder (M776dn/M776z/M776zs).
  - a. Remove one Torx T10 screw (callout 1) to release the ground wire, disconnect two flat cables (callout 2), and then disconnect one connector (callout 3).

---

**⚠ CAUTION:** These connectors (callout 2) are zero insertion force (ZIF) connectors. The clip on these connectors is easily dislodged and lost.

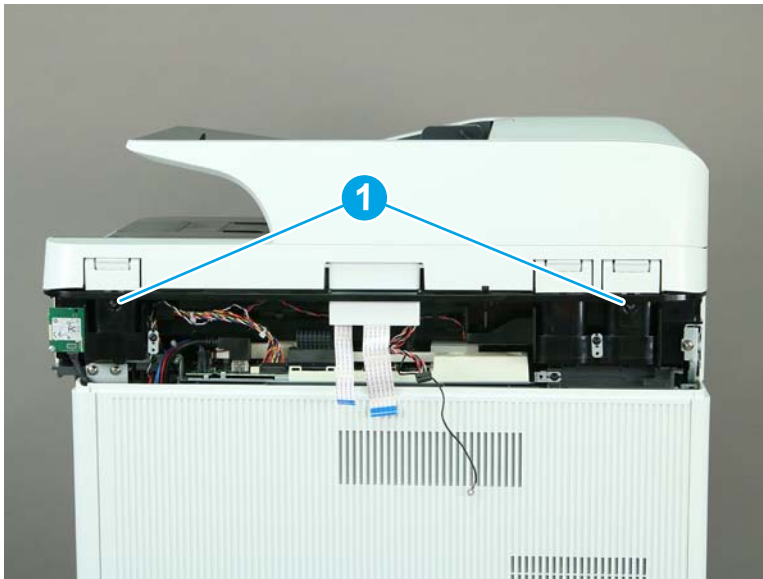
---

Figure 1-307 Remove one screw and disconnect three connectors



- b. Remove two screws (callout 1).

Figure 1-308 Remove two screws





- c. Open the document feeder, and then lift it straight up until it stops at the retention tabs on each hinge (callout 1). Insert a small, flat-blade screwdriver between the hinge body and the slot in the scanner body (on the scanner glass side of the hinge) to release the retention tabs (on each hinge).

**Figure 1-309** Release the hinges



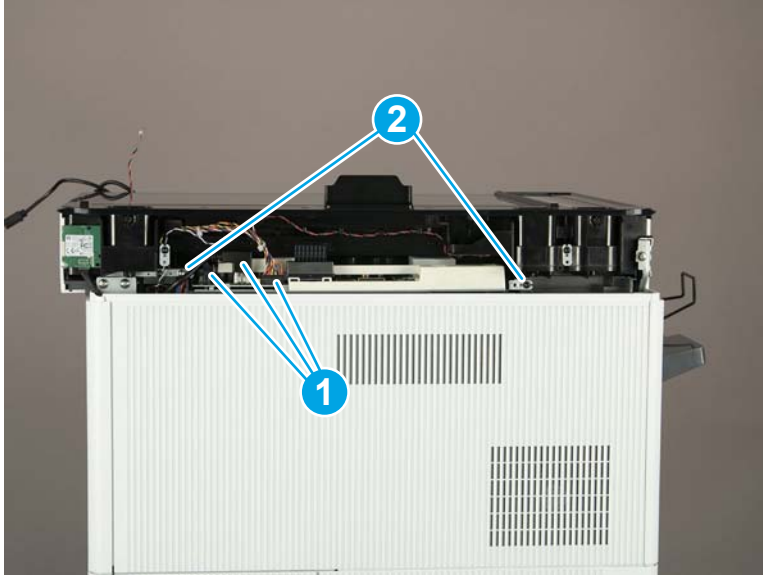
- d. Carefully thread the document feeder flat cables, wire harness, and ground wire up and through the opening in the scanner cover to remove the document feeder.

**Figure 1-310** Remove the document feeder



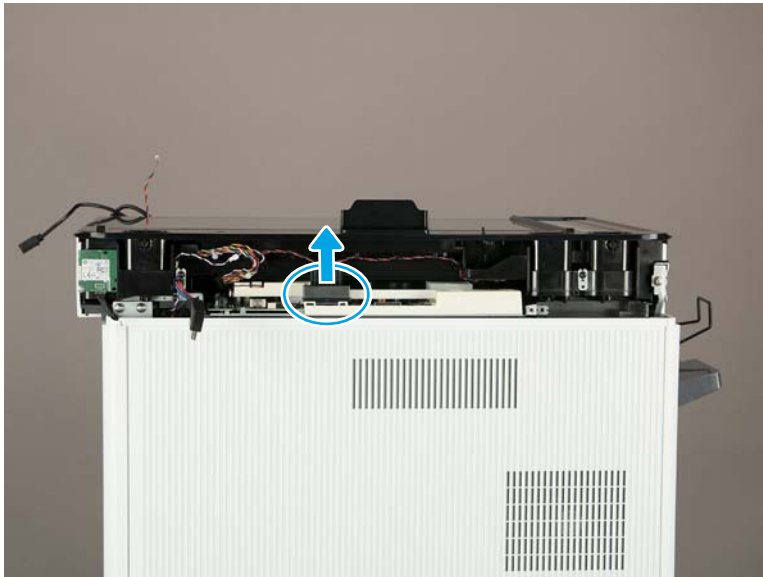
3. Remove the image scanner (M776dn/M776z/M776zs).
  - a. Disconnect three connectors (callout 1), and then remove two screws (callout 2).

Figure 1-311 Disconnect three connectors and remove two screws



- b. Release the tab on the back of the ferrite holder, and then lift the ferrite up to release it.

Figure 1-312 Release the ferrite holder



- c. Lift the ferrite up, and then disconnect one flat cable (callout 1).

**⚠ CAUTION:** This connector is a zero insertion force (ZIF) connector. The clip on this connector is easily dislodged and lost.

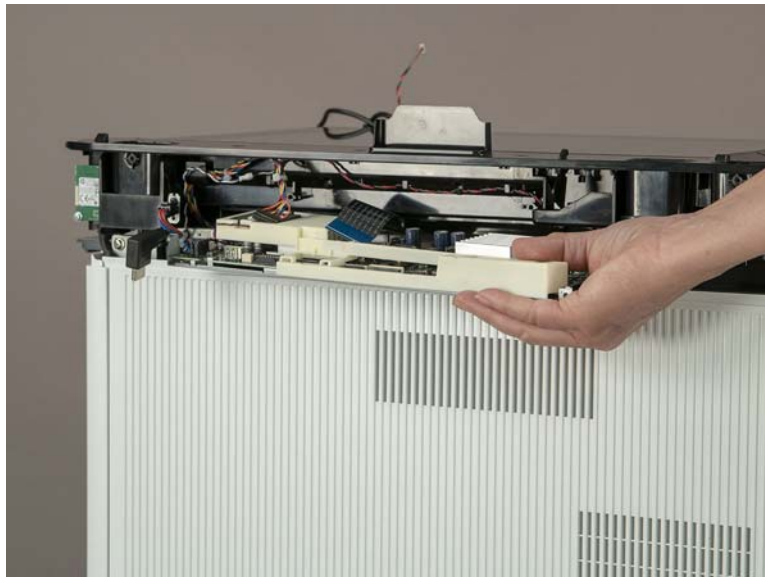
Slide the ferrite off of the flat cable after disconnecting it. The ferrite is not captive and can easily slip off and be damaged.

**Figure 1-313** Disconnect one flat cable



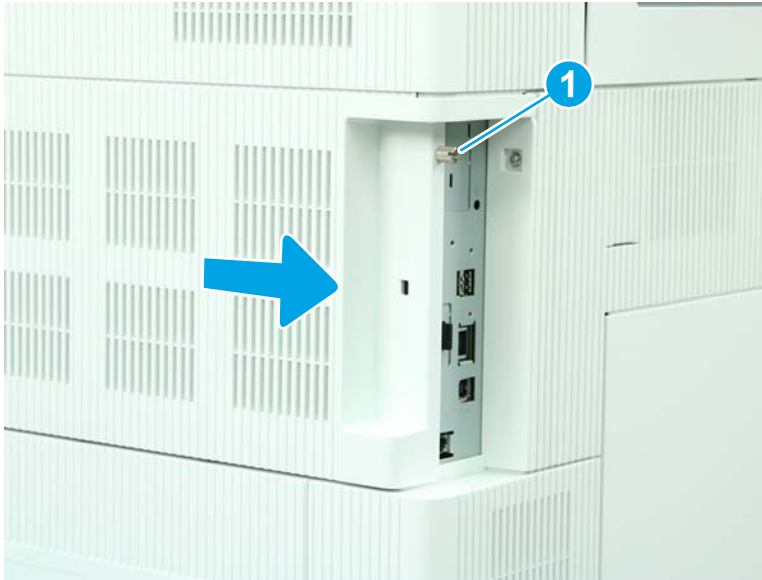
- d. Slide the scanner control board out of the image scanner to remove it.

**Figure 1-314** Remove the scanner control board



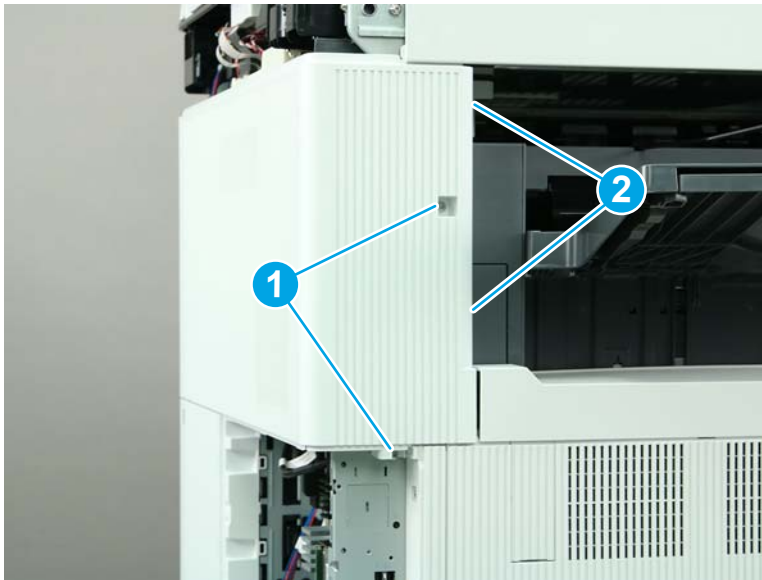
- e. Remove the formatter cover.

Figure 1-315 Remove the formatter cover



- f. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-316 Remove two screws and release two tabs



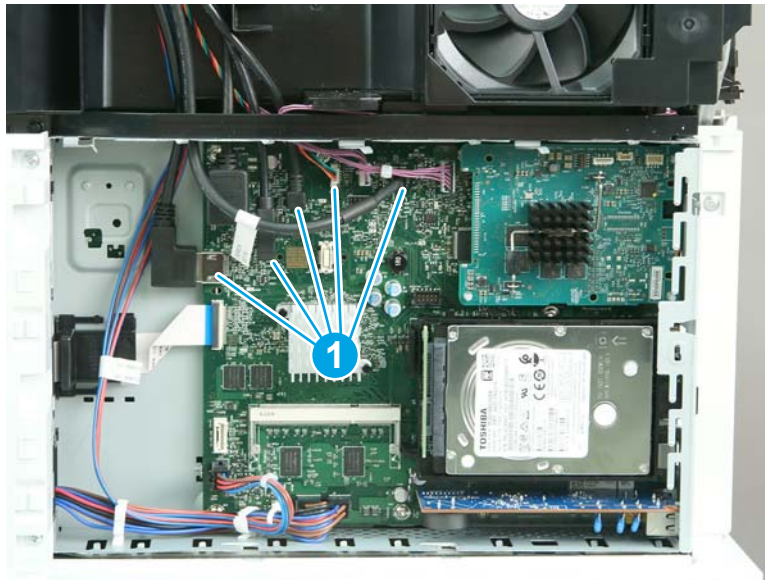
- g. Slide the cover to the right to remove it.

Figure 1-317 Remove the rear upper and left rear upper cover



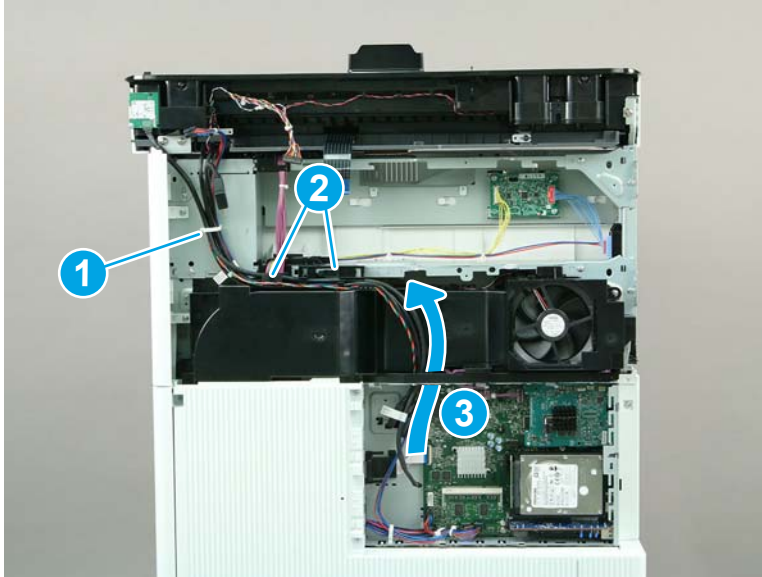
- h. Disconnect five connectors on the formatter (callout 1).

Figure 1-318 Disconnect five connectors



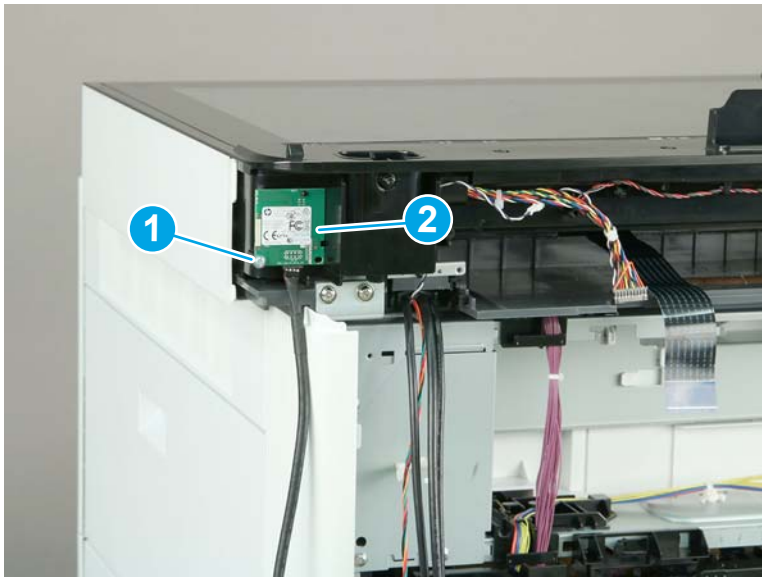
- i. Release one retainer (callout 1), release the cables from the guides (callout 2), and then pass the cables through the upper opening in the formatter cage (callout 3).

Figure 1-319 Release the cables



- j. Remove one screw (callout 1), and then remove the wireless PCA and cable (callout 2).

Figure 1-320 Remove the wireless PCA



- k. Remove four screws (callout 1).

Figure 1-321 Remove four screws



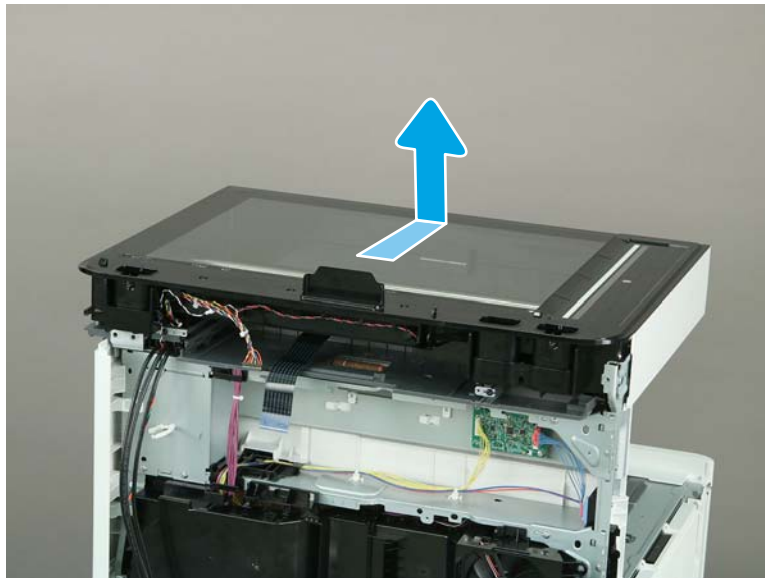
- l. Slightly slide the image scanner toward the front of the printer to release it, and then lift it straight up and off of the printer..

---

 **NOTE:** Pass the wire harness and cables through the opening in the printer.


---

Figure 1-322 Remove the image scanner



- 4. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Right upper cover (M776zs)

Learn how to remove and replace the right upper cover.


Mean time to repair: 5 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-33** Part information

Part number	Part description
RC5-2733-000CN	Cover, right upper

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

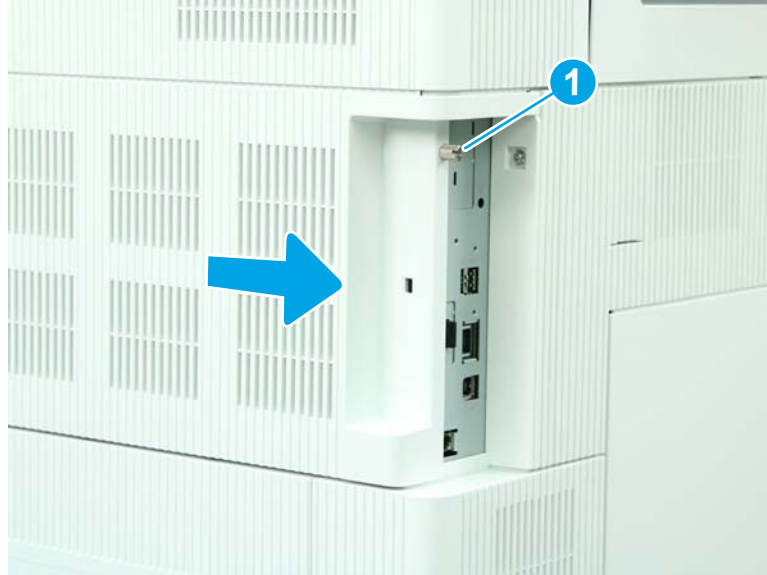


Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

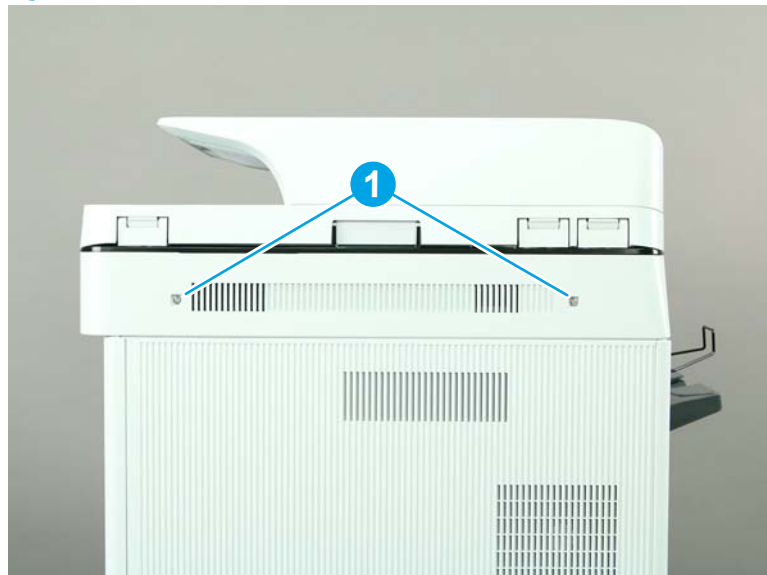
Figure 1-323 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-324 Remove two screws



- b. Remove the SCB cover.

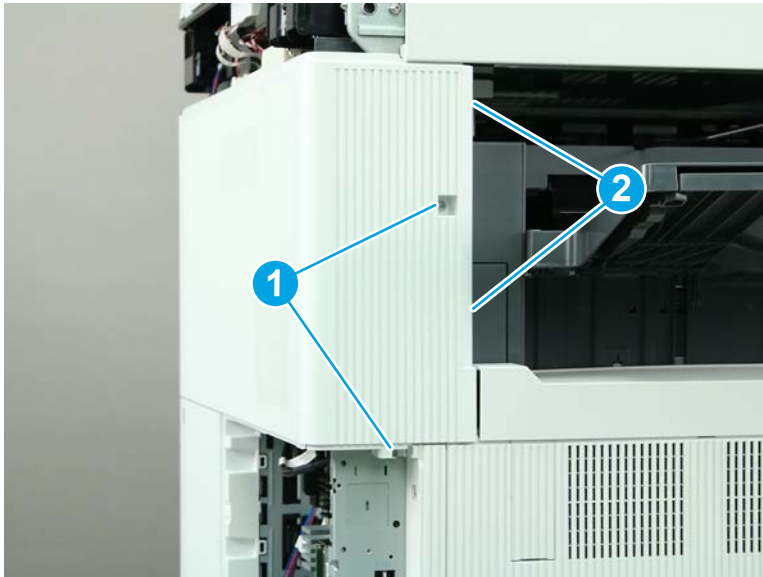
Figure 1-325 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).

- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-326 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

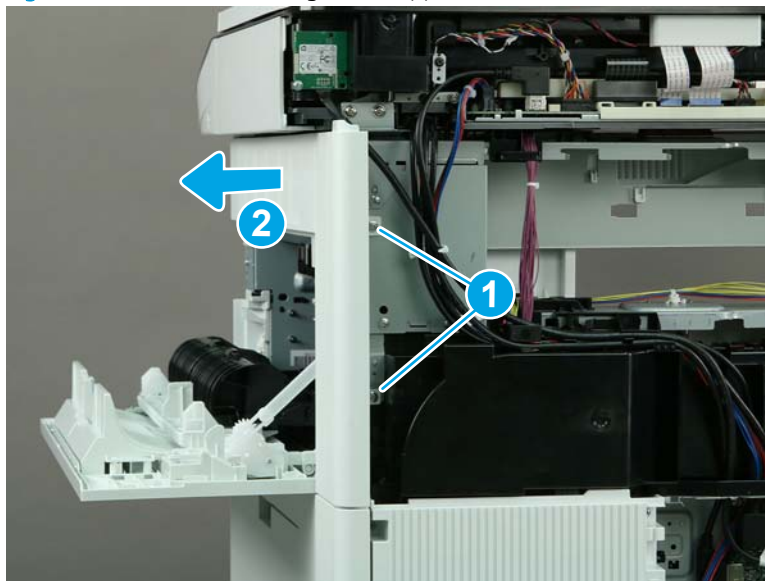
**Figure 1-327** Remove the rear upper and left rear upper cover



- 4. Remove the right rear upper cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the right rear upper cover away from the printer to remove it (callout 2).

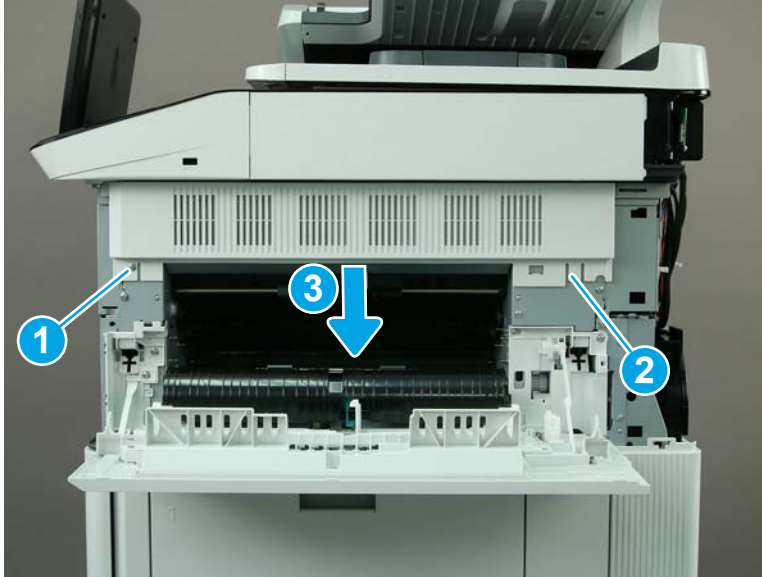
**Figure 1-328** Remove the right rear upper cover



- 5. Remove the right upper cover (M776zs).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right upper cover down to remove it (callout 3).

Figure 1-329 Remove the right upper cover



6. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Right upper door (M776zs)

Learn how to remove and replace the right upper door (M776zs).

Mean time to repair: 8 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.



**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-34 Part information**

Part number	Part description
RM2-1785-000CN	Right upper door assembly

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

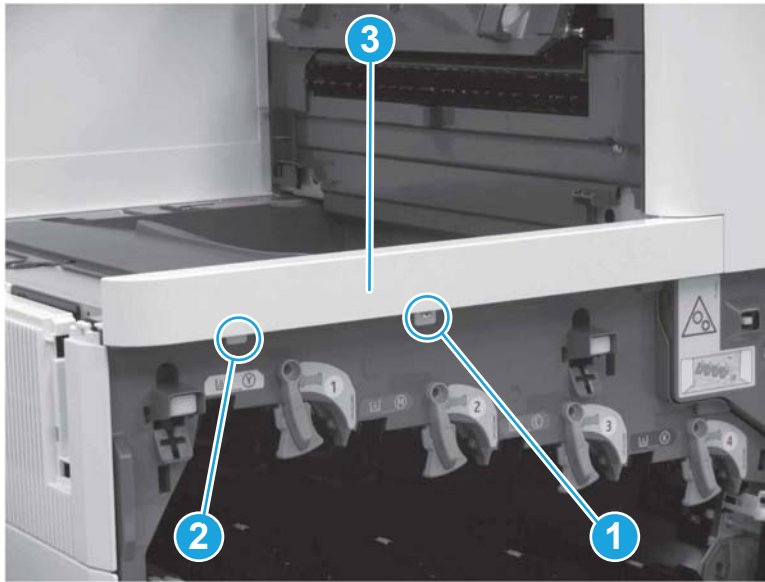
1. Remove the front cover (M776zs).
  - a. Open the front door.

**Figure 1-330** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-331 Remove the front cover



2. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-332 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-333** Release the control panel cover



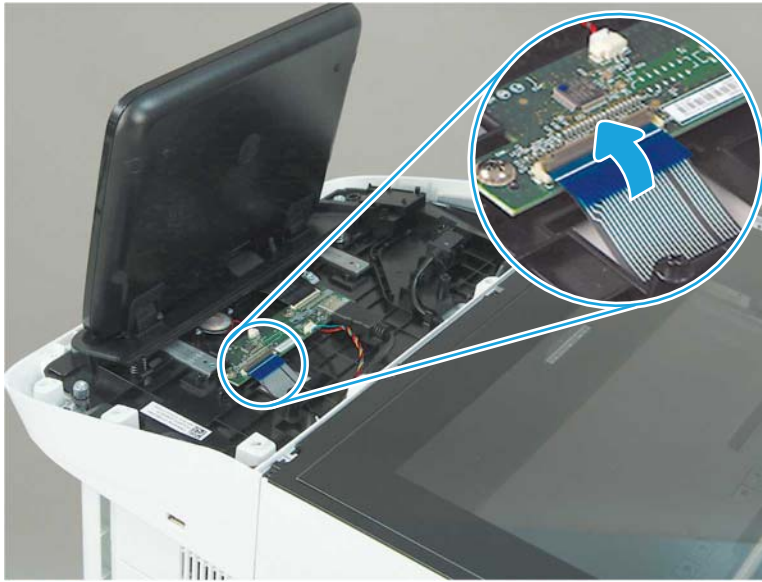
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-334** Remove the control panel cover



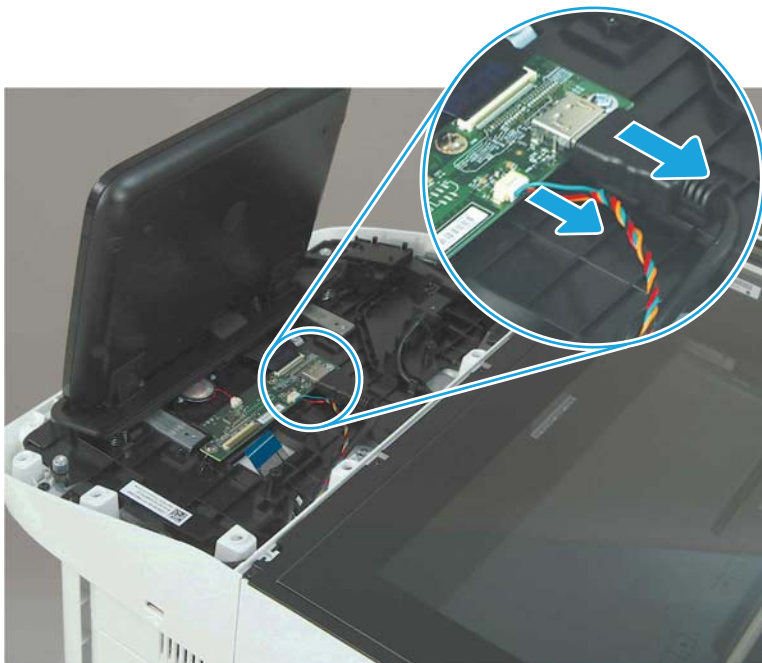
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-335** Release the keyboard flat cable (M776z/M776zs)



- e. Disconnect two connectors

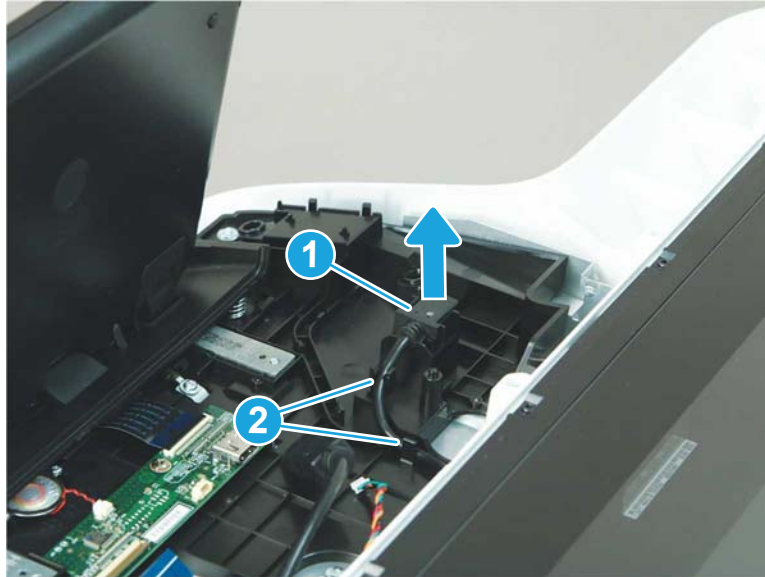
**Figure 1-336** Disconnect two connectors





- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-337 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-338 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-339 Remove the control panel



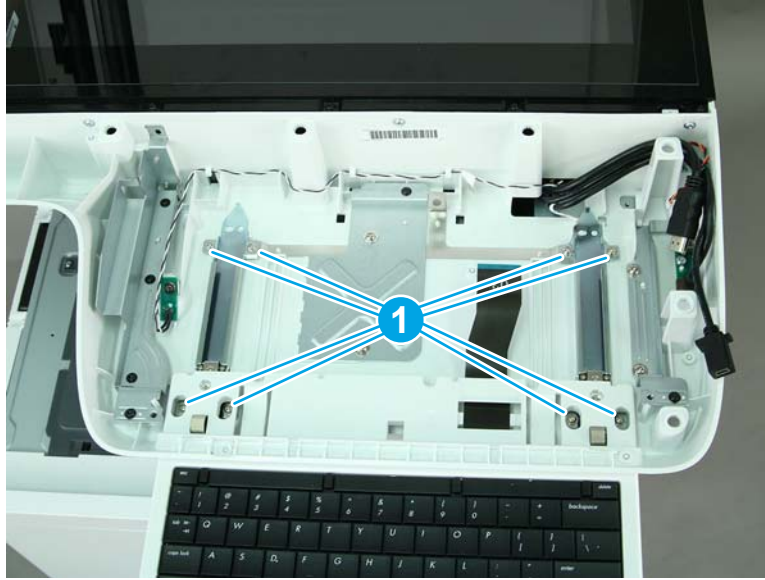
- 3. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-340 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-341 Remove eight screws



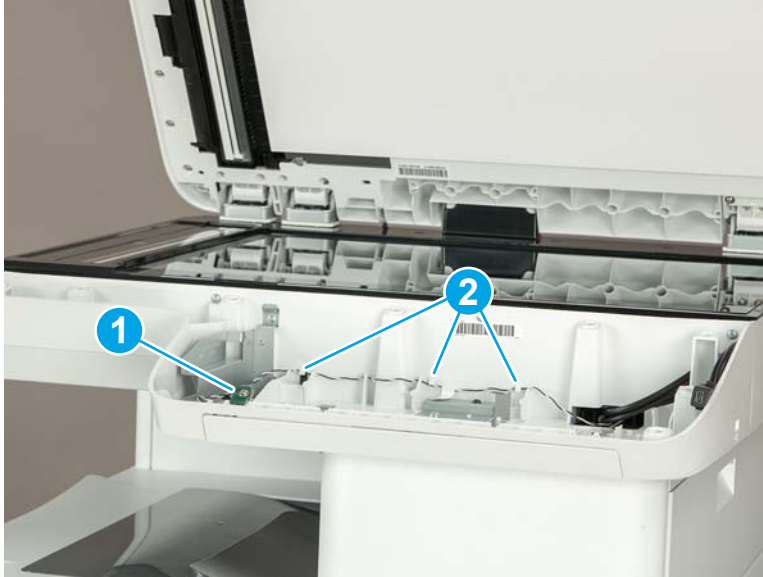
- c. Remove the keyboard and rails.

Figure 1-342 Remove the keyboard and rails



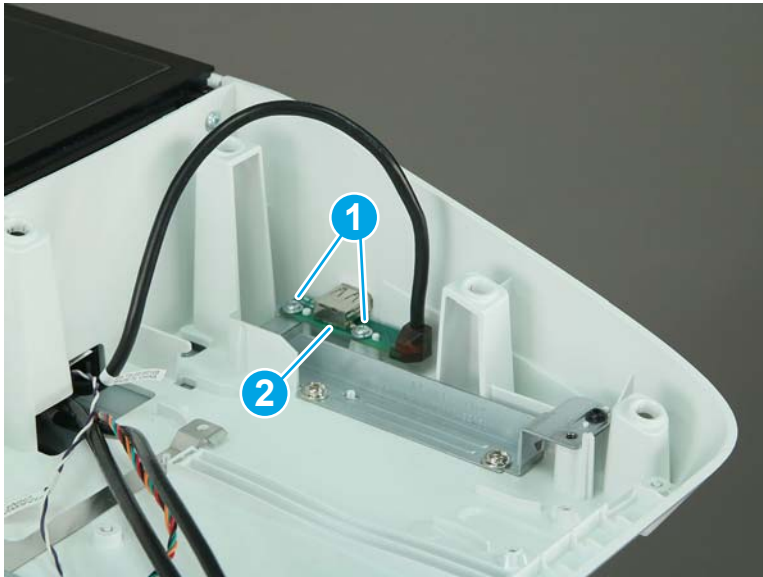
- 4. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-343 Release the light PCA



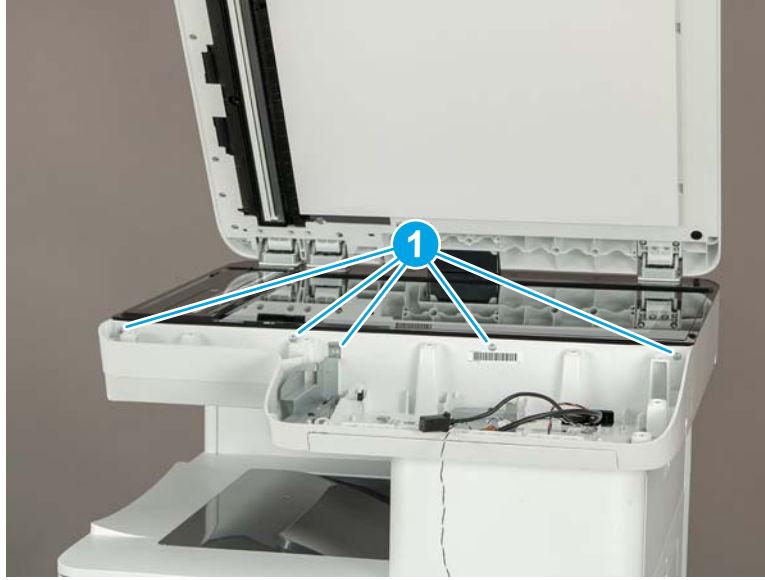
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-344 Release the USB port PCA



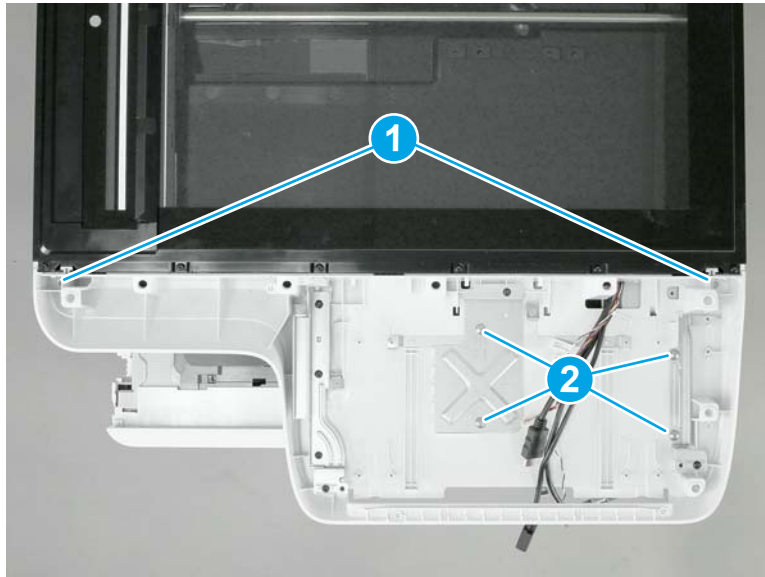
- c. Remove five screws (callout 1).

Figure 1-345 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

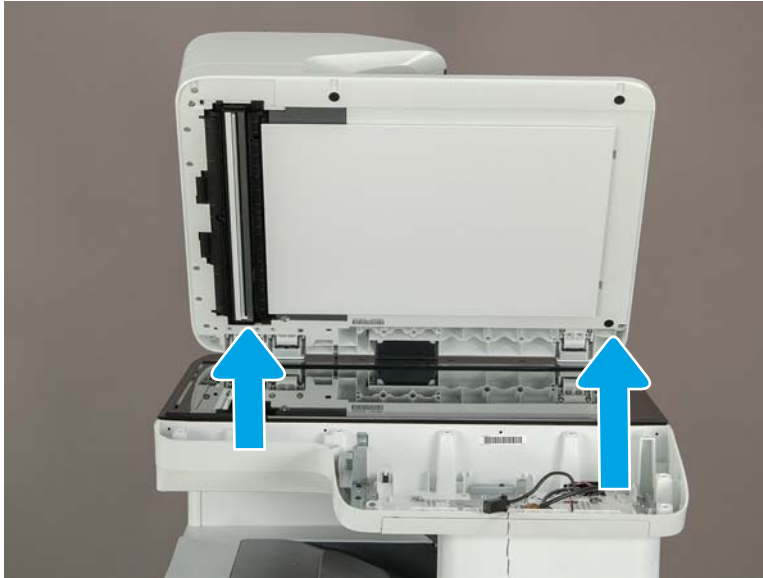
Figure 1-346 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

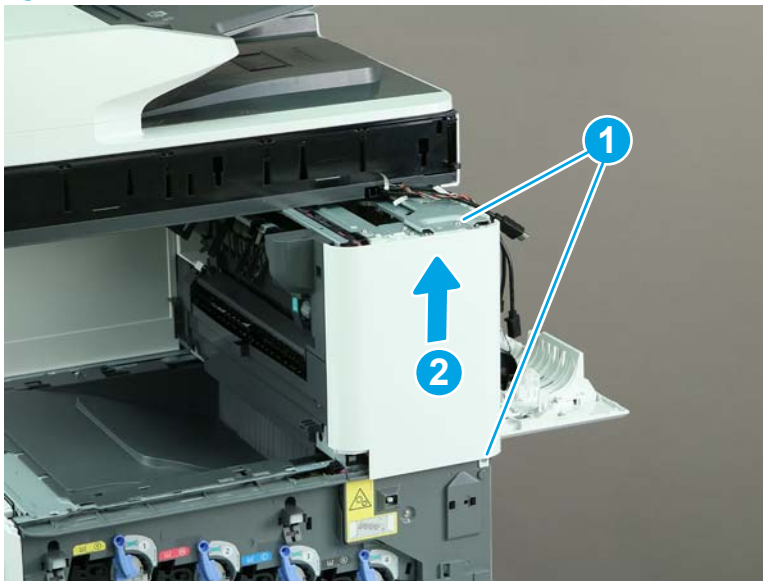
Figure 1-347 Remove the nose cone



- 5. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

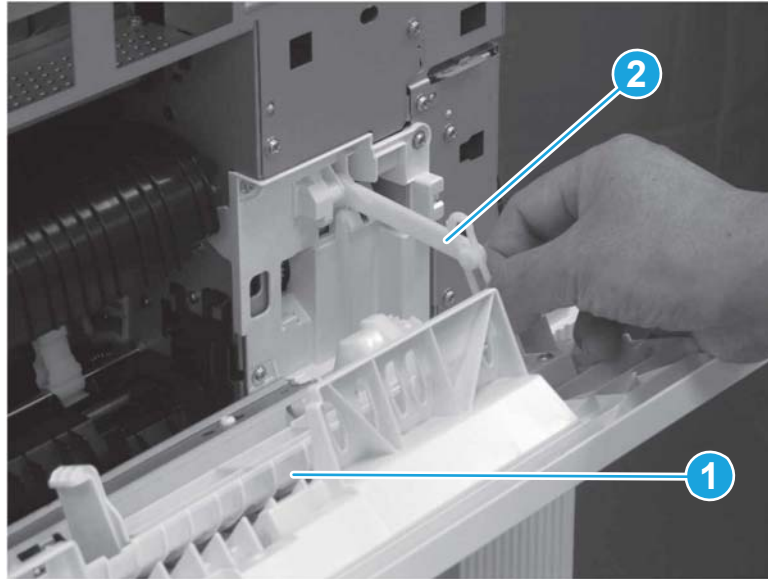
Figure 1-348 Remove the right front cover



- 6. Remove the right upper door (M776zs).

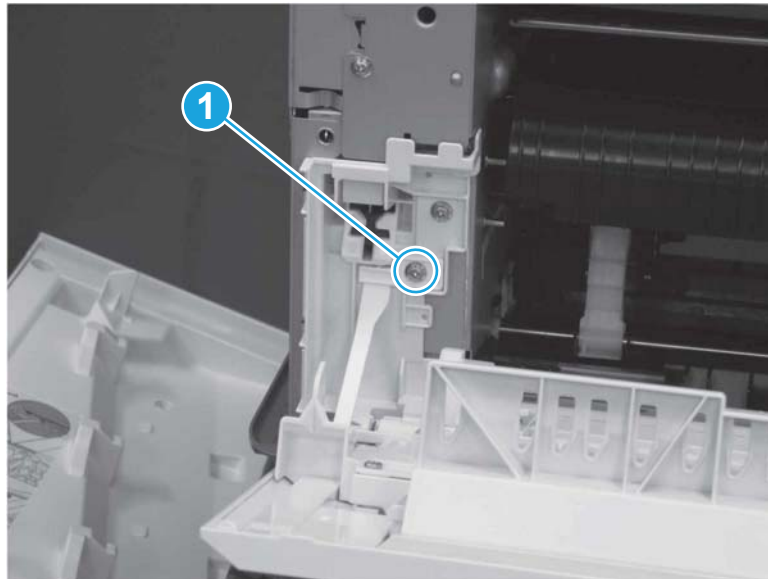
- a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-349 Open the door and release the link



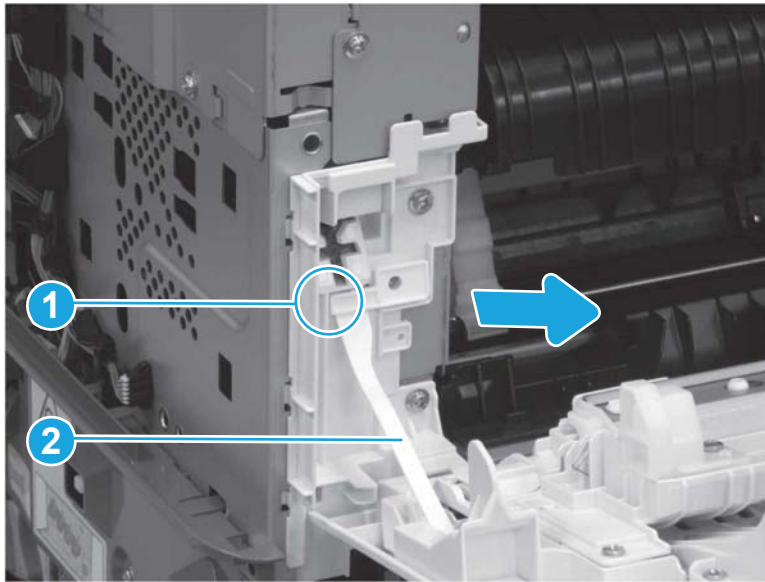
- b. Remove one screw (callout 1).

Figure 1-350 Remove one screw



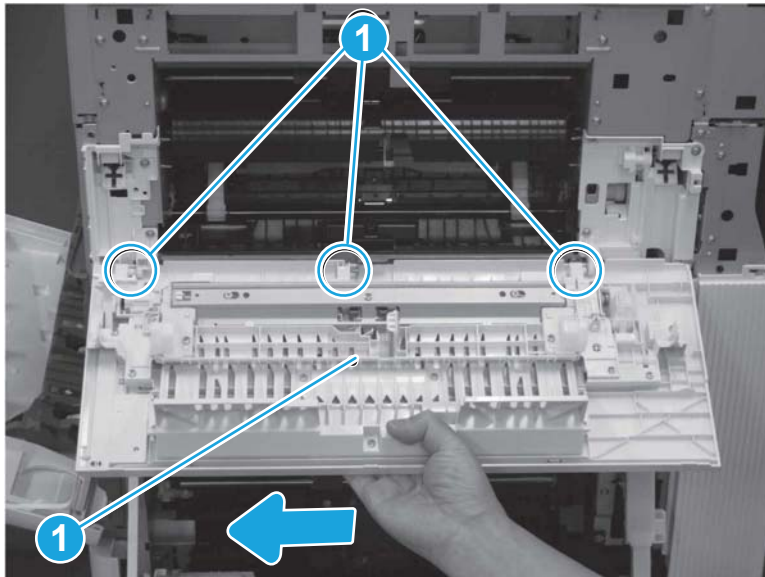
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-351 Release one boss and hinge



- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-352 Remove the right upper door



- 7. Unpack the replacement assembly.
  - a. Dispose of the defective part.




---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Right rear upper cover (M776zs)

Learn how to remove and replace the right rear upper cover.


Mean time to repair: 6 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-35** Part information

Part number	Part description
RC5-2735-000CN	Cover, rear right, upper

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

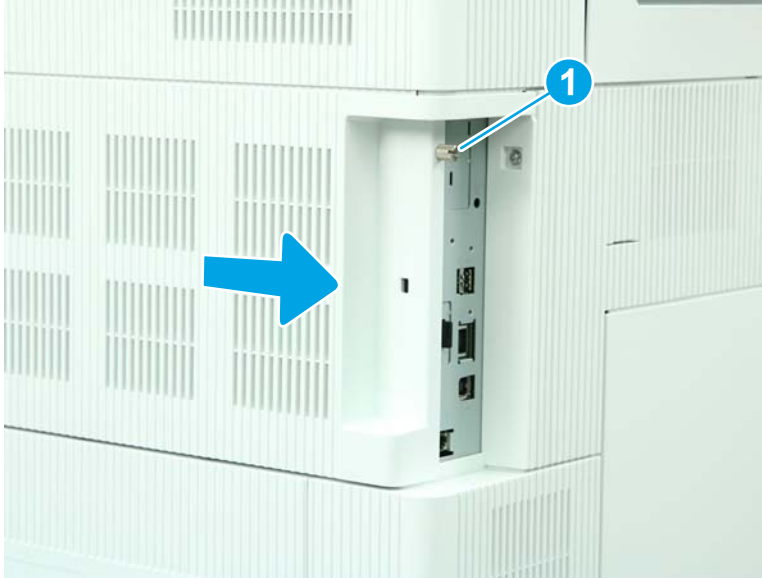
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

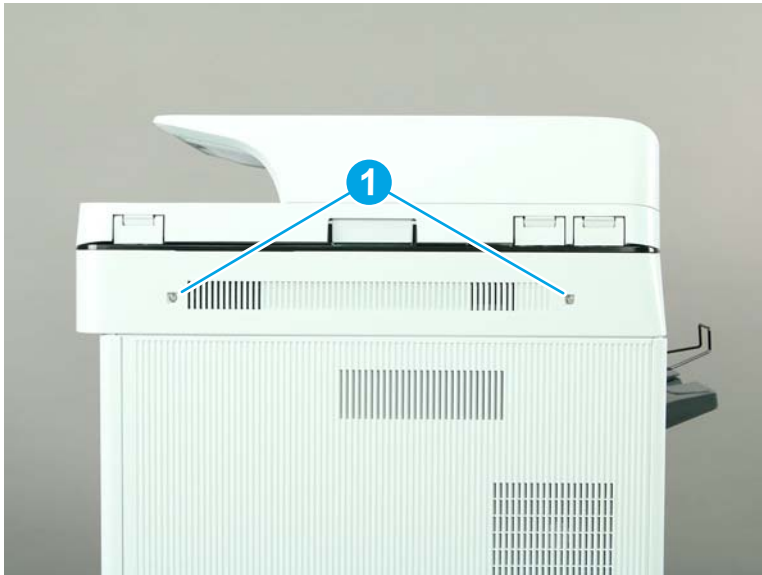
Figure 1-353 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-354 Remove two screws



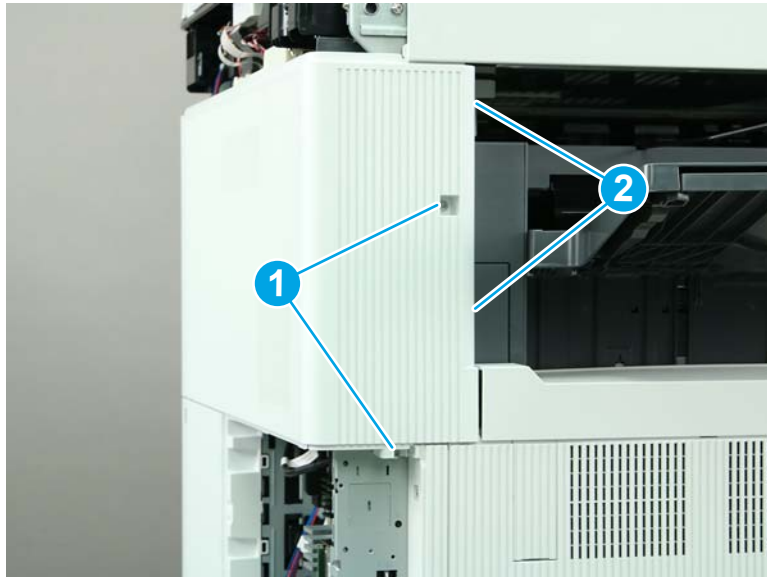
- b. Remove the SCB cover.

**Figure 1-355** Remove the SCB cover



3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-356** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

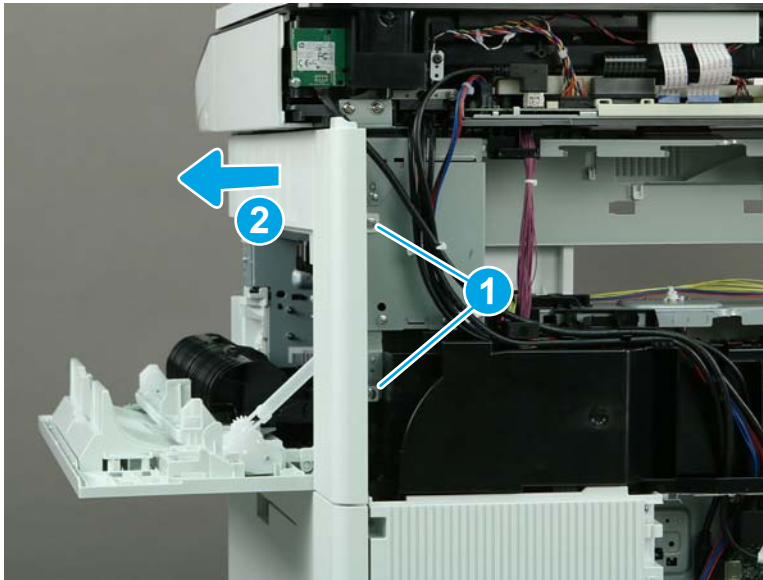
**Figure 1-357** Remove the rear upper and left rear upper cover



- 4. Remove the right rear upper cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the right rear upper cover away from the printer to remove it (callout 2).

**Figure 1-358** Remove the right rear upper cover



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Rear upper cover (M776zs)

Learn how to remove and replace the rear upper cover.


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-36** Part information

Part number	Part description
RC5-2730-000CN	Cover, rear, upper

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

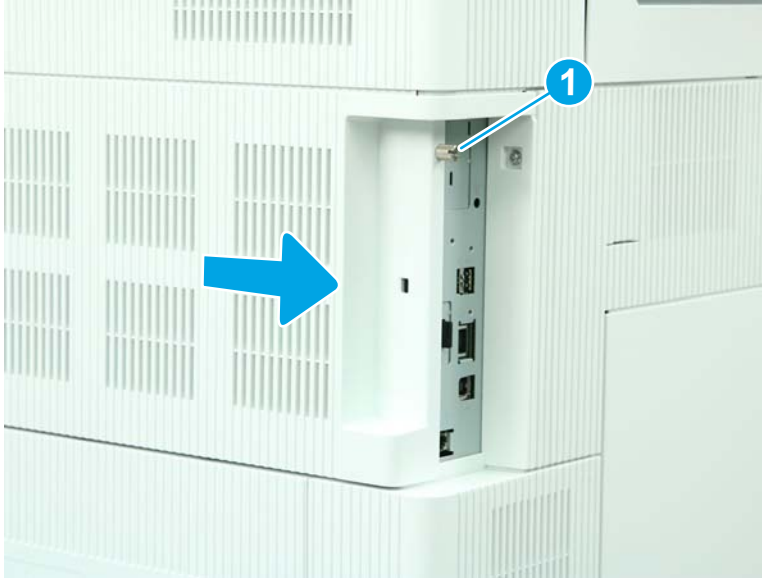
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

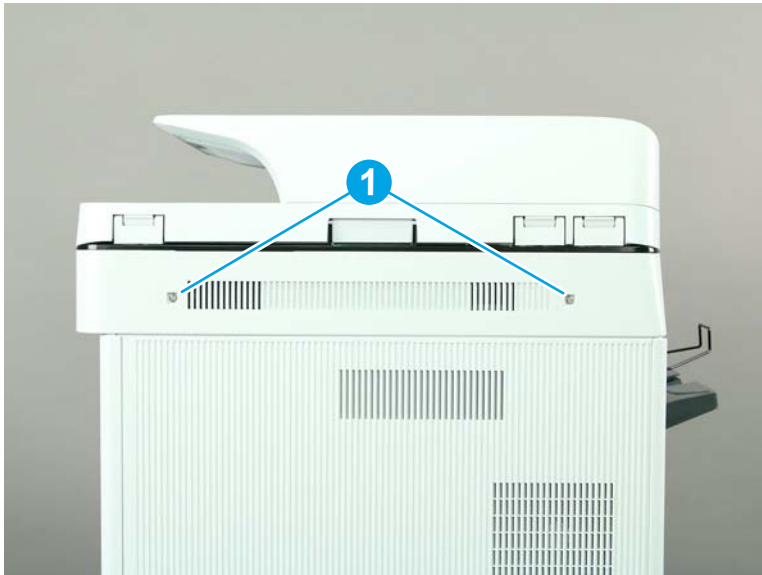
Figure 1-359 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-360 Remove two screws



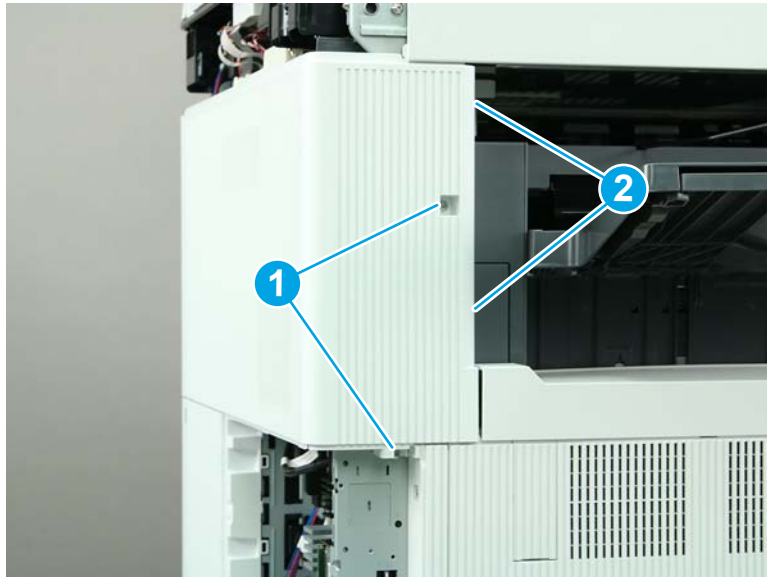
- b. Remove the SCB cover.

**Figure 1-361** Remove the SCB cover



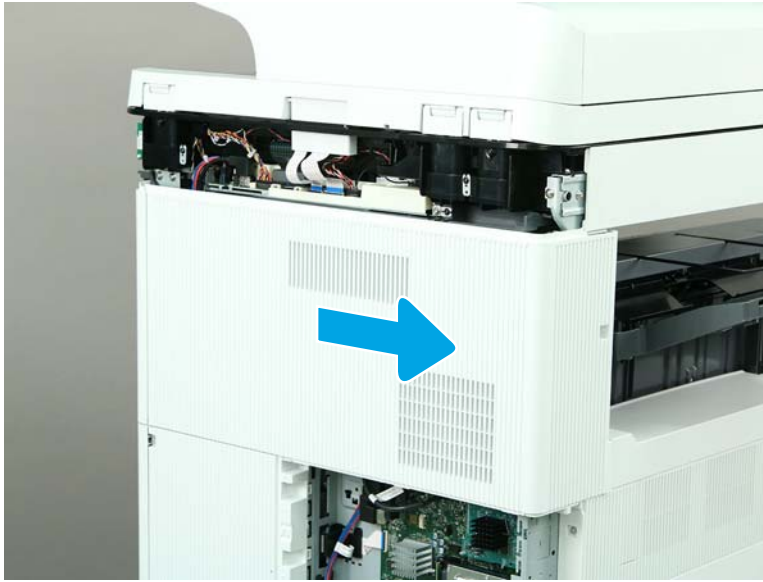
- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-362** Remove two screws and release two tabs




- b. Slide the cover to the right to remove it.

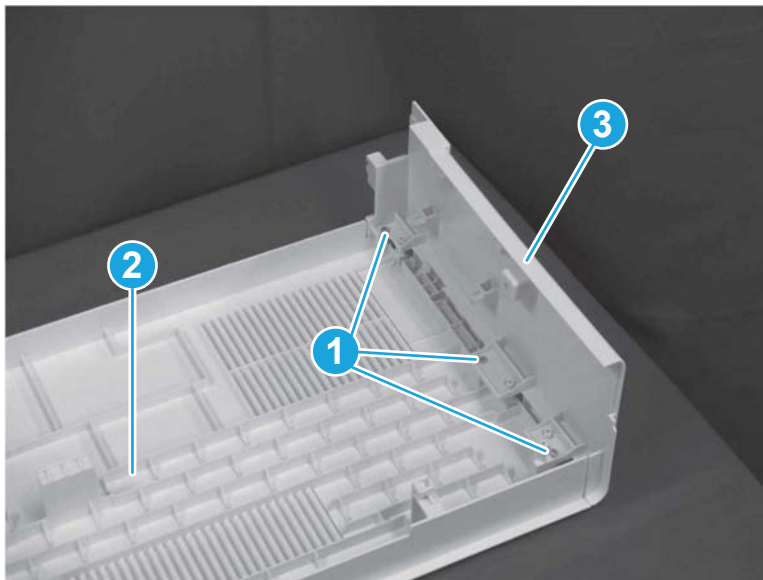
**Figure 1-363** Remove the rear upper and left rear upper cover



- c. Remove three screws (callout 1), and then separate the rear upper cover (callout 2) from the left rear upper cover (callout 3).

 **Reinstallation tip:** Install the left rear upper cover on the replacement rear upper cover.


**Figure 1-364** Remove the left rear upper cover



- 4. Unpack the replacement assembly.
  - a. Dispose of the defective part.




---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Main cover (M776zs)

Learn how to remove and replace the main cover.


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-37** Part information

Part number	Part description
RC5-2731-000CN	Cover, main

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

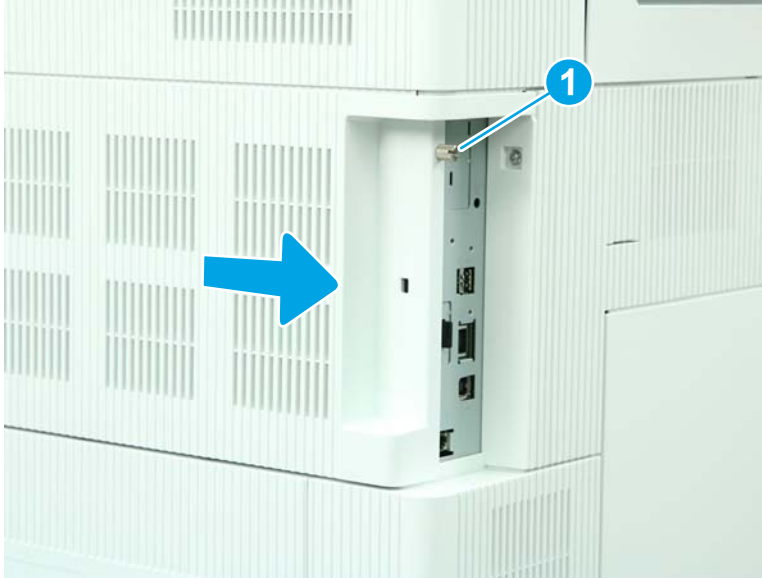
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

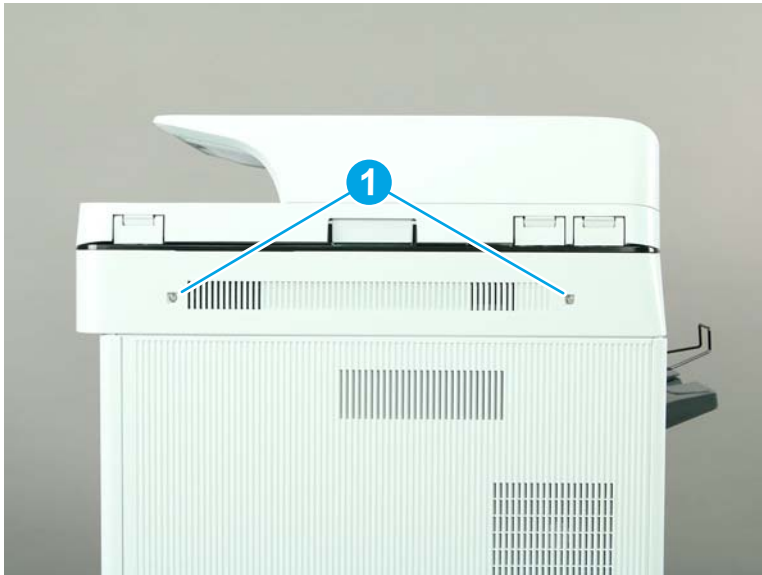
Figure 1-365 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-366 Remove two screws



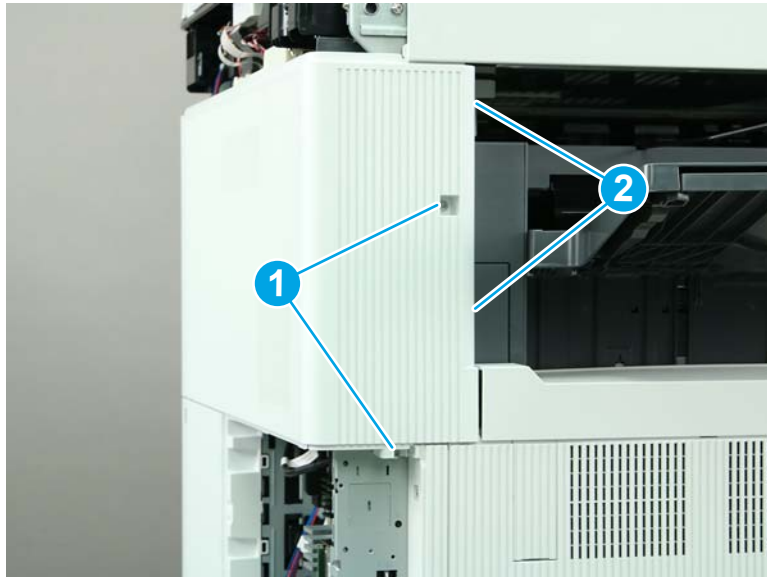
- b. Remove the SCB cover.

**Figure 1-367** Remove the SCB cover



3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-368** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

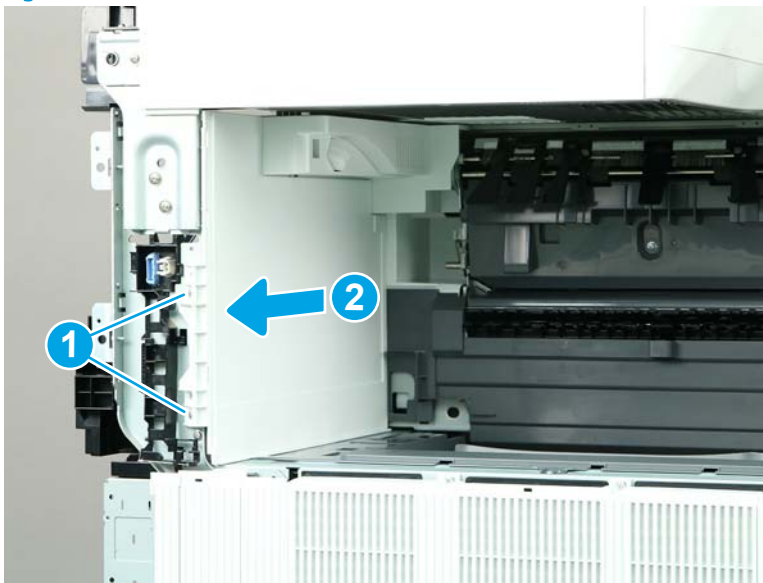
Figure 1-369 Remove the rear upper and left rear upper cover



- 4. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

Figure 1-370 Remove the main cover



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Front cover (M776zs)

Learn how to remove and replace the front cover.


Mean time to repair: 2 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-38** Part information

Part number	Part description
RC5-2732-000CN	Cover, front

---

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

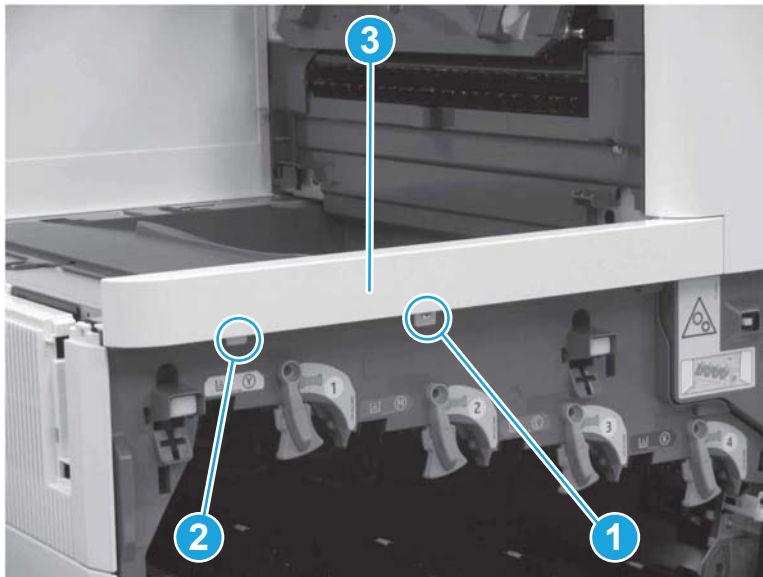
1. Remove the front cover (M776zs).
  - a. Open the front door.

**Figure 1-371** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

**Figure 1-372** Remove the front cover



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Right front cover (M776zs)

Learn how to remove and replace the right front cover.


Mean time to repair: 8 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-39** Part information

Part number	Part description
RM2-2661-000CN	Right front cover assembly

---

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

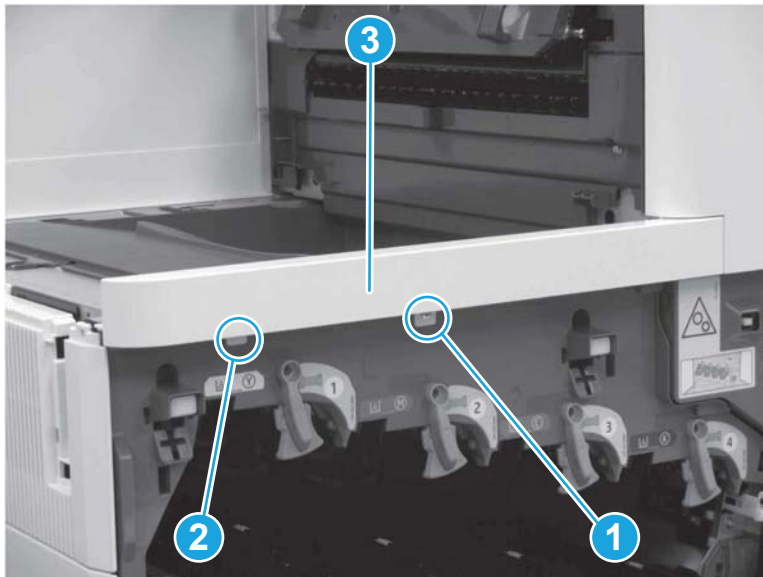
1. Remove the front cover (M776zs).
  - a. Open the front door.

**Figure 1-373** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

**Figure 1-374** Remove the front cover



2. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).



Figure 1-375 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

---

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-376 Release the control panel cover



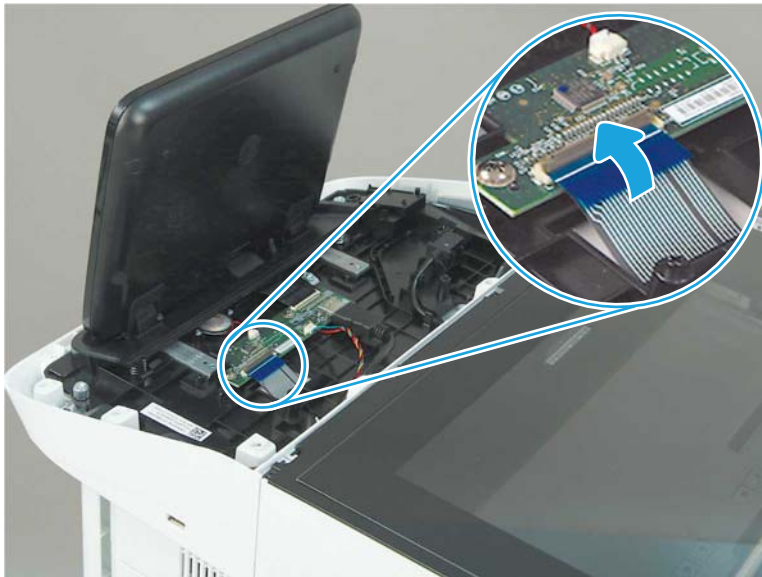
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-377 Remove the control panel cover



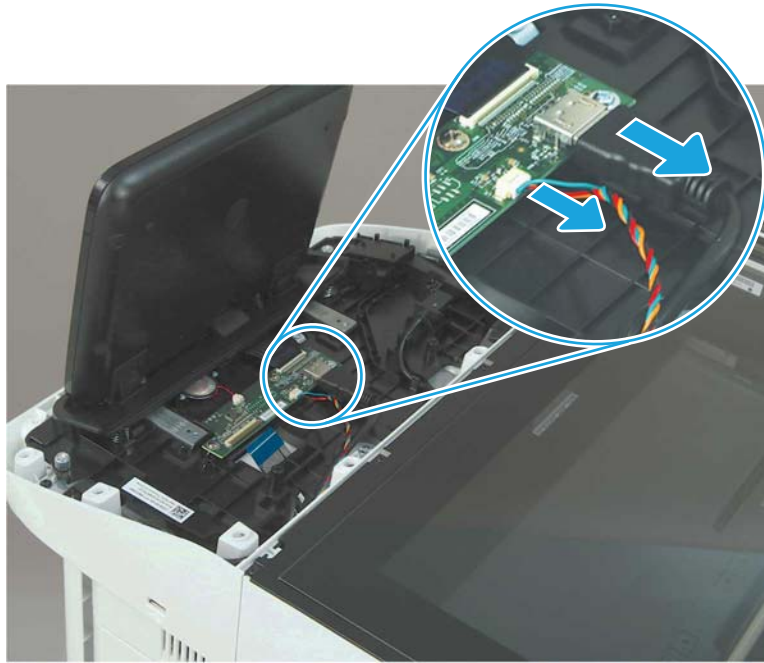
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-378 Release the keyboard flat cable (M776z/M776zs)



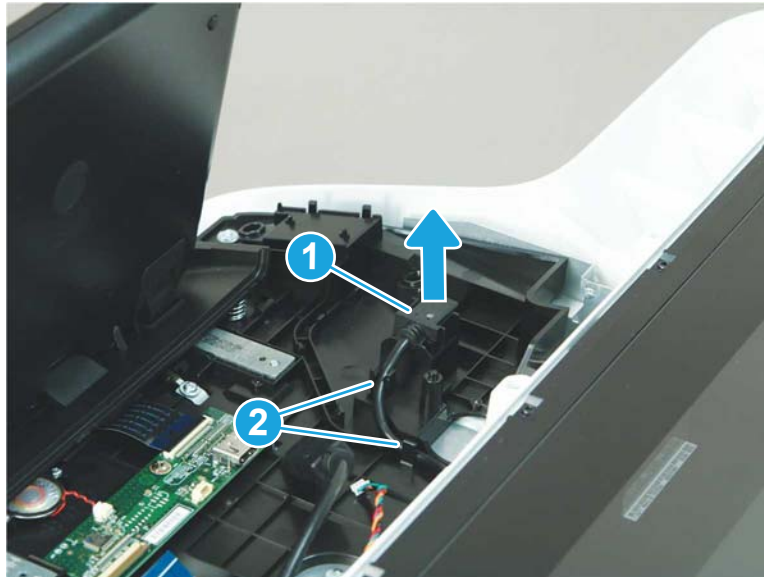
- e. Disconnect two connectors

Figure 1-379 Disconnect two connectors



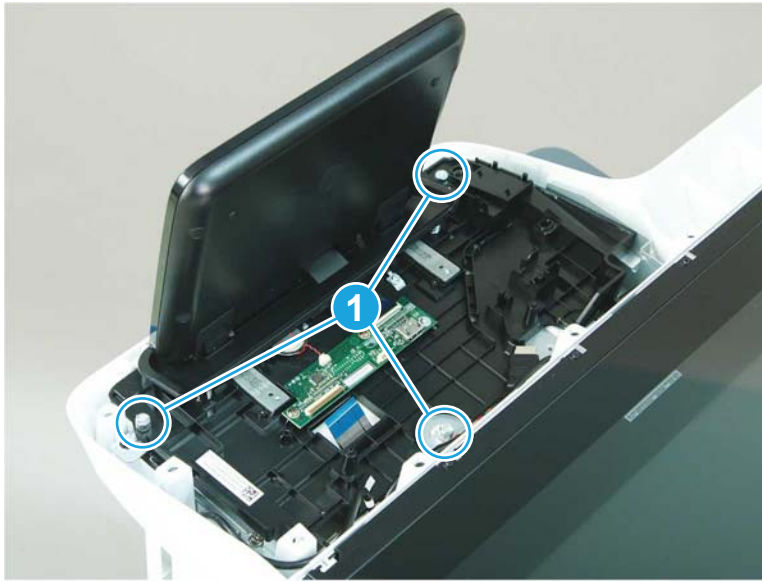
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-380 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-381 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-382 Remove the control panel



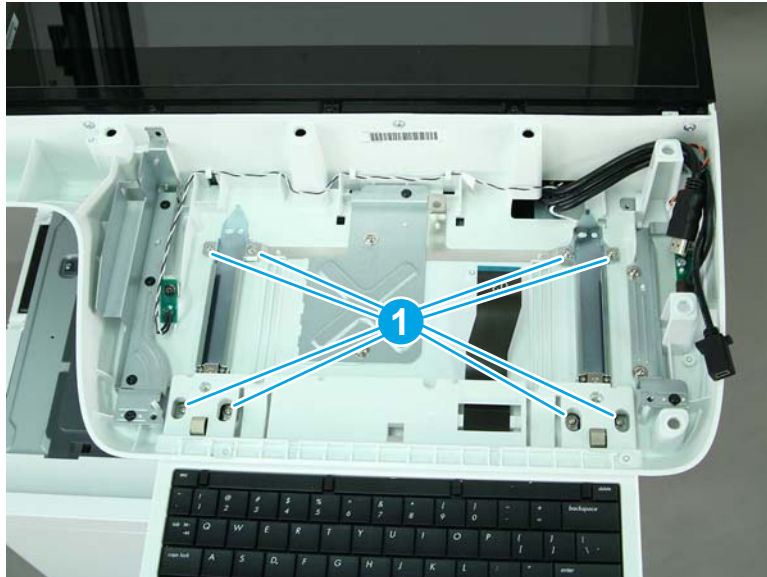
- 3. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-383 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-384 Remove eight screws



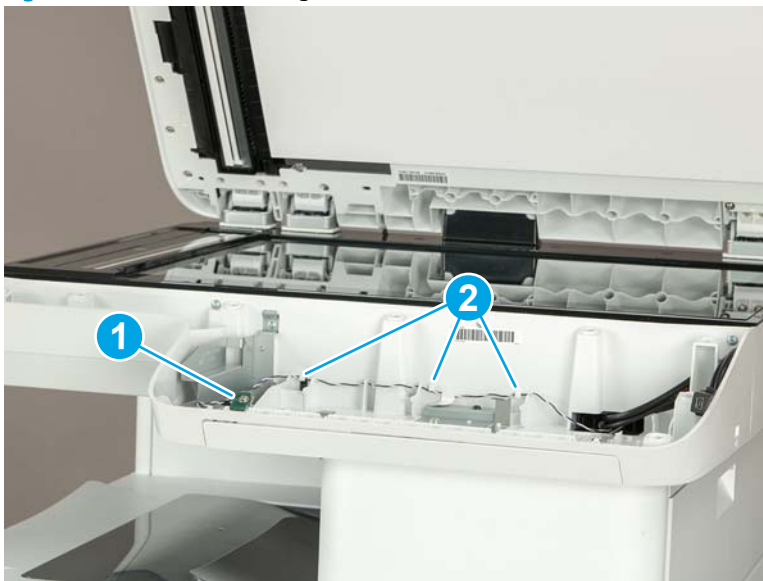
- c. Remove the keyboard and rails.

Figure 1-385 Remove the keyboard and rails



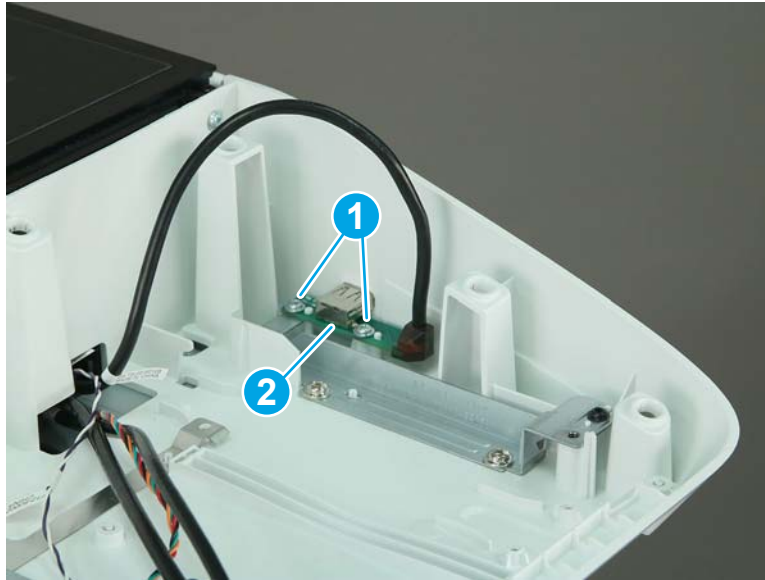
- 4. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-386 Release the light PCA



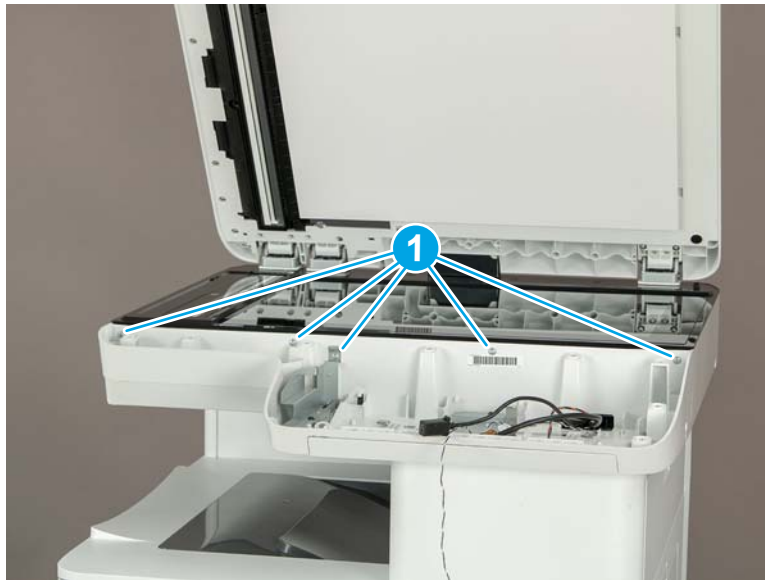
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-387 Release the USB port PCA



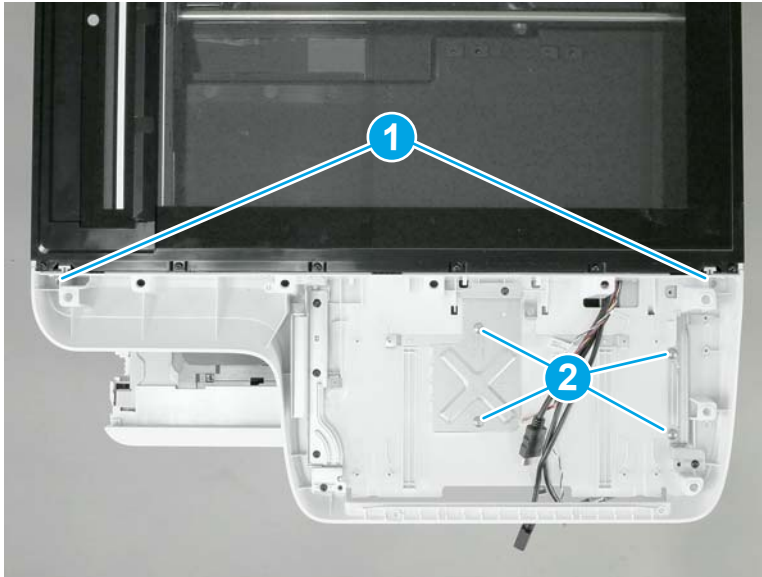
- c. Remove five screws (callout 1).

Figure 1-388 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-389 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.


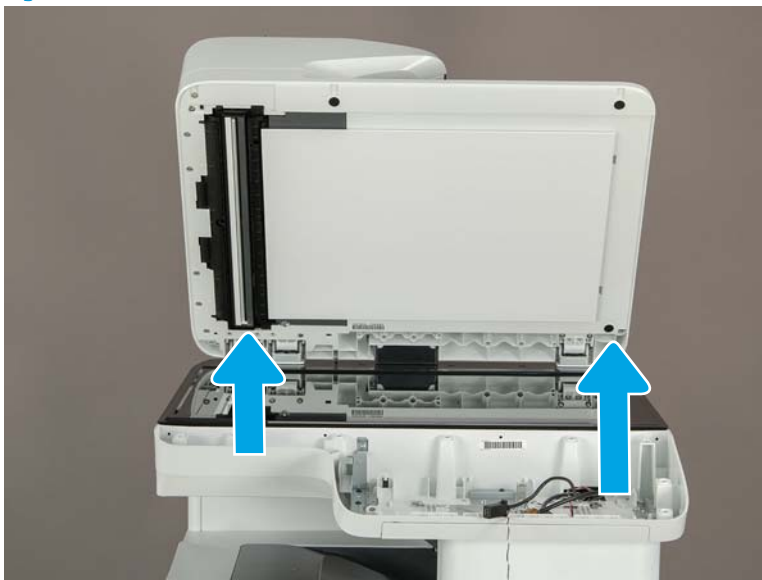
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

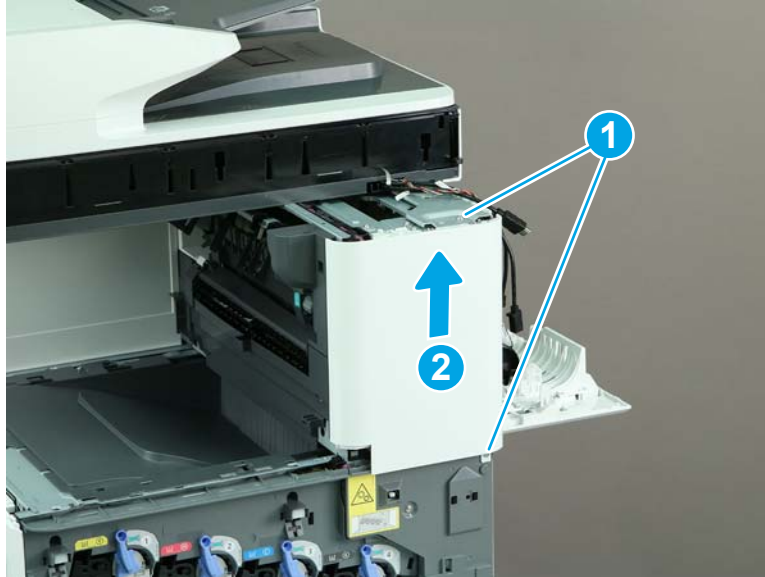
Figure 1-390 Remove the nose cone



5. Remove the right front cover (M776zs).
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.



Figure 1-391 Remove the right front cover



6. Unpack the replacement assembly.

a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Delivery front cover (M776zs)

Learn how to remove and replace the delivery front cover.

Mean time to repair: 9 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.



**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-40** Part information

Part number	Part description
RCS-2728-000CN	Cover, paper delivery, front

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

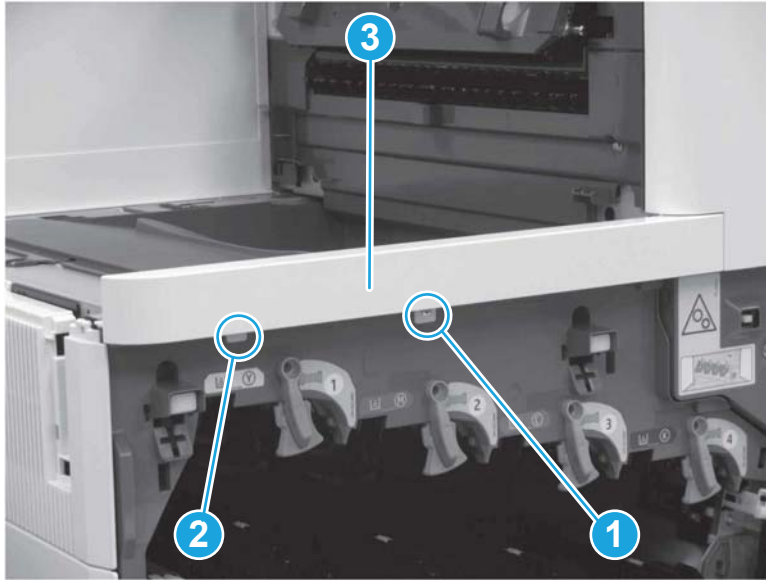
1. Remove the front cover (M776zs).
  - a. Open the front door.

**Figure 1-392** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-393 Remove the front cover



2. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-394 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-395** Release the control panel cover



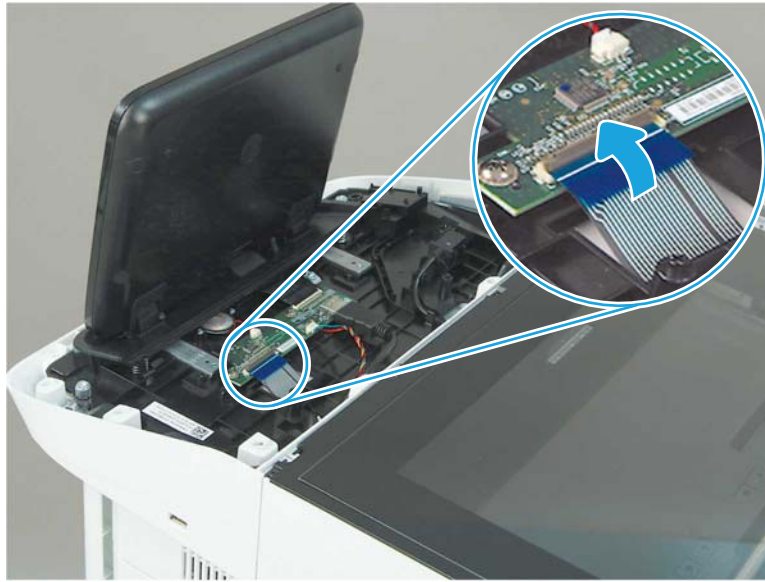
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-396** Remove the control panel cover



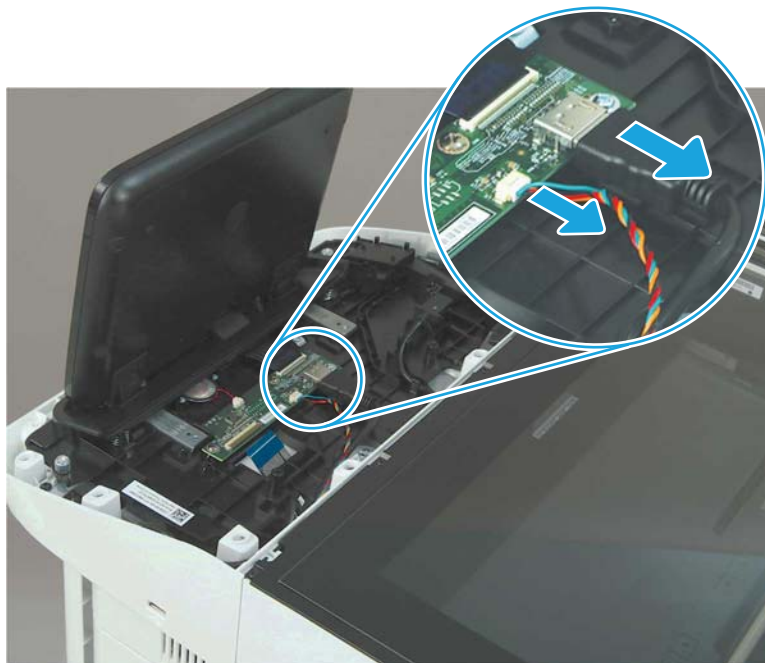
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-397** Release the keyboard flat cable (M776z/M776zs)



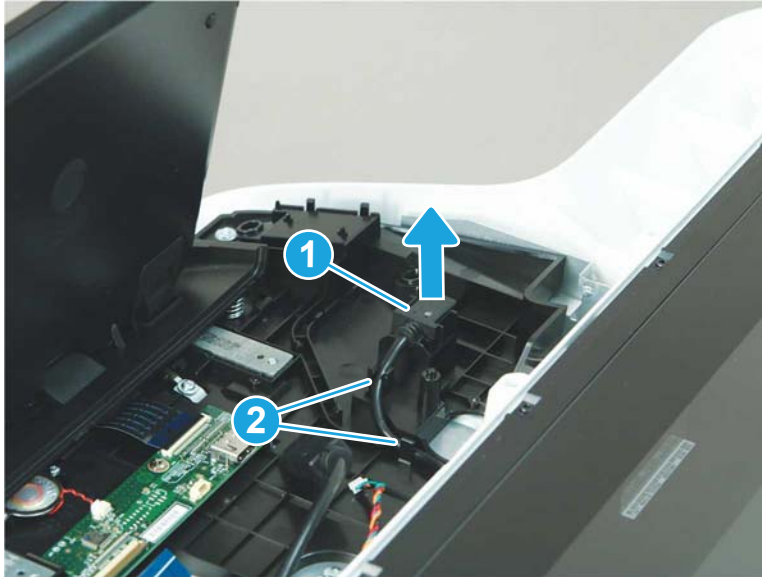
- e. Disconnect two connectors

**Figure 1-398** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-399 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-400 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-401 Remove the control panel



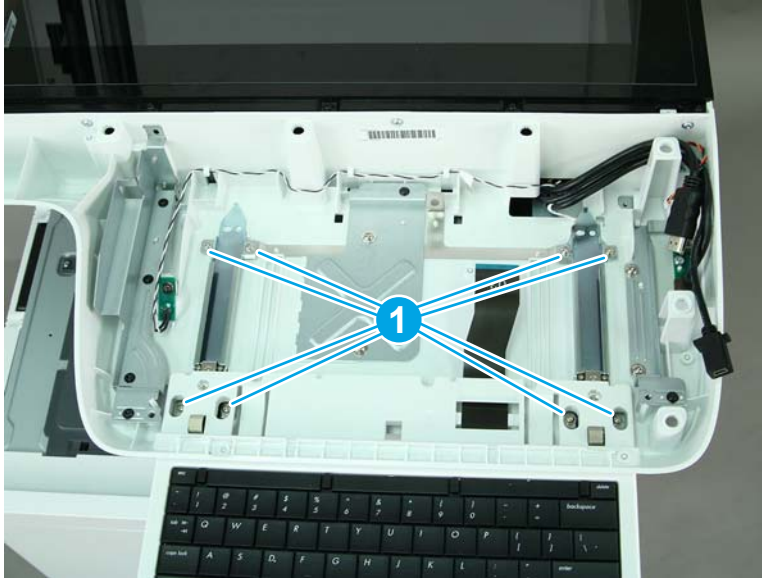
- 3. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-402 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-403 Remove eight screws



- c. Remove the keyboard and rails.

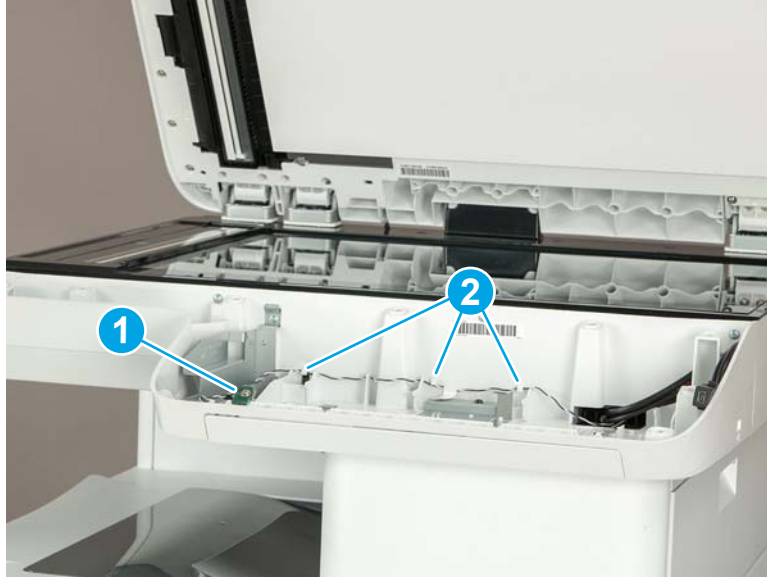
Figure 1-404 Remove the keyboard and rails



- 4. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

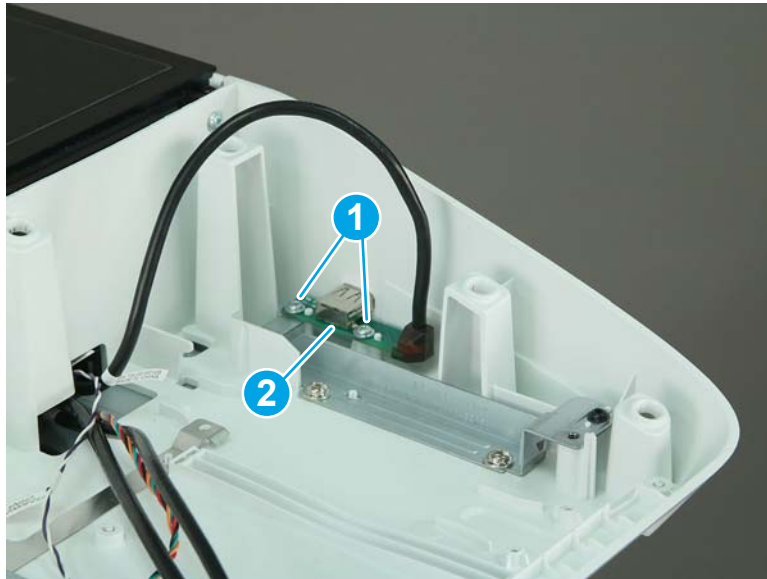


Figure 1-405 Release the light PCA



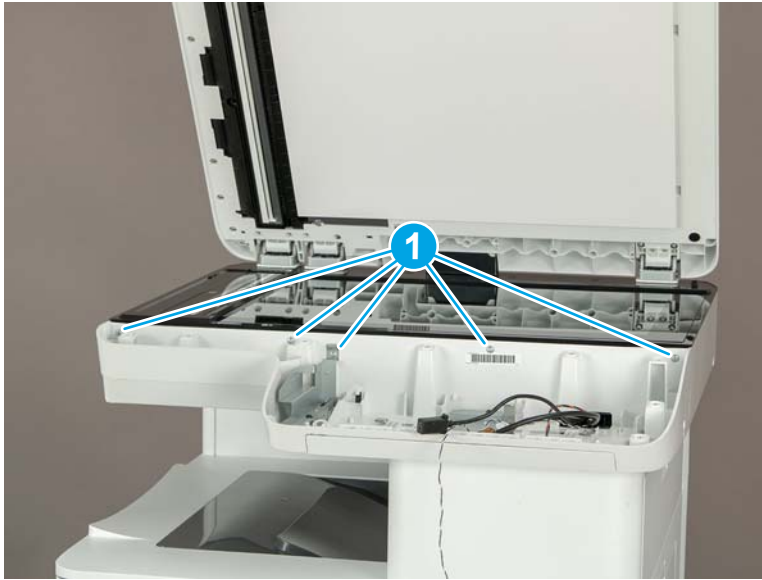
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-406 Release the USB port PCA



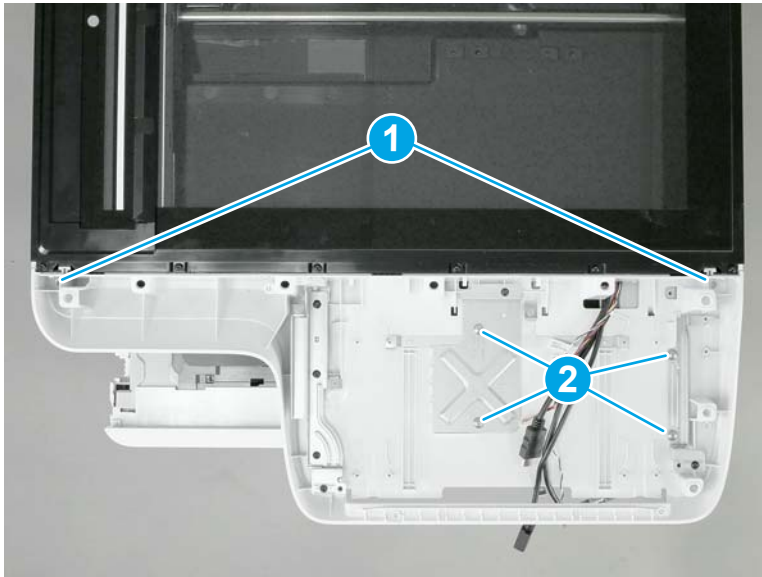
- c. Remove five screws (callout 1).

Figure 1-407 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

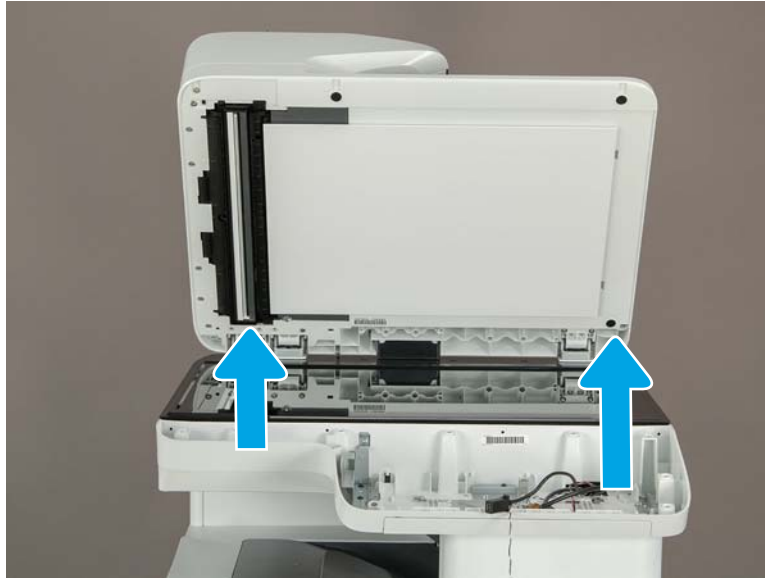
Figure 1-408 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

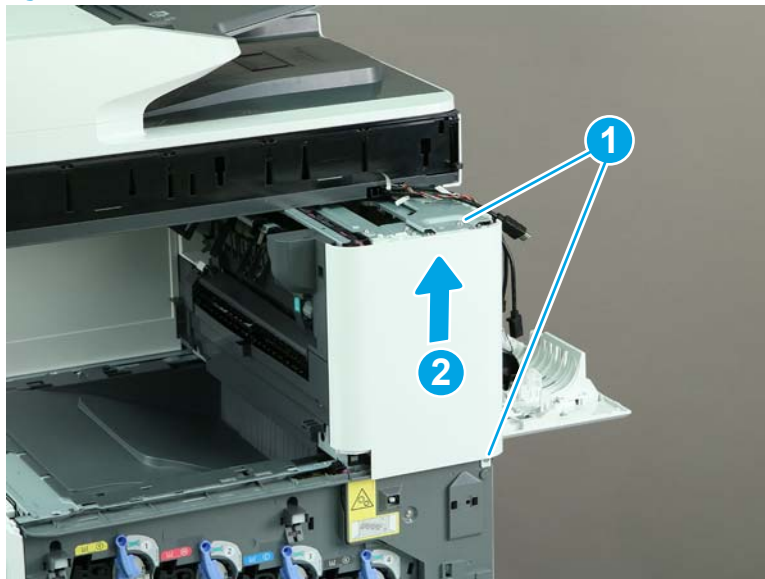
**Figure 1-409** Remove the nose cone



- 5. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

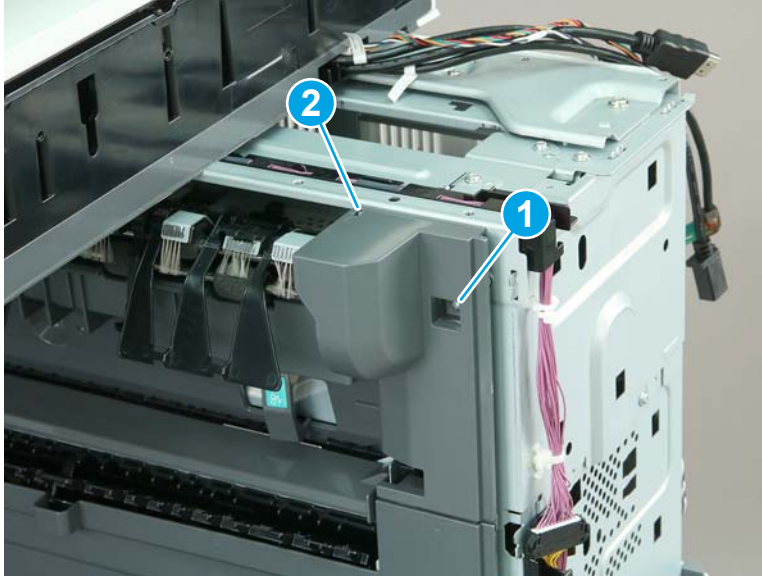
**Figure 1-410** Remove the right front cover



- 6. Remove the delivery front cover (M776zs).


- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

Figure 1-411 Remove the delivery front cover



7. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

### Removal and replacement: Delivery cover (M776zs)

Learn how to remove and replace the delivery cover.

Mean time to repair: 10 minutes


Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-41 Part information**

Part number	Part description
RC5-2734-000CN	Cover, paper delivery

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

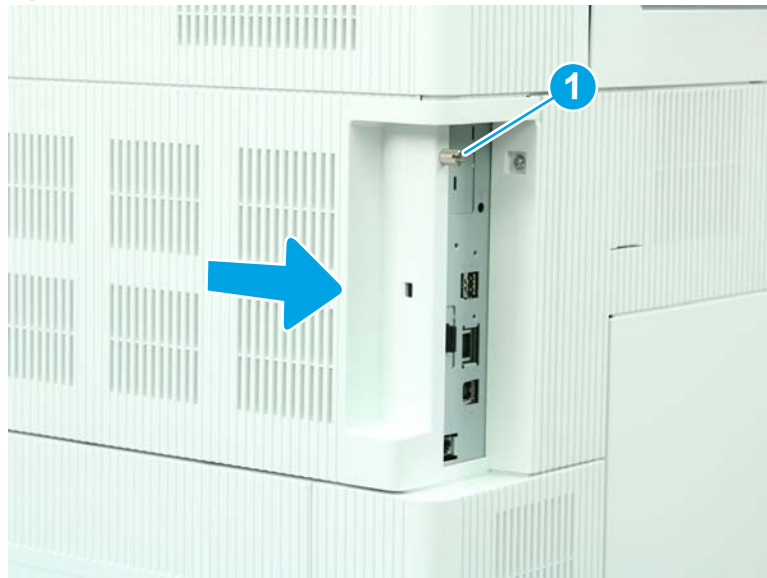
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-412** Remove the formatter cover



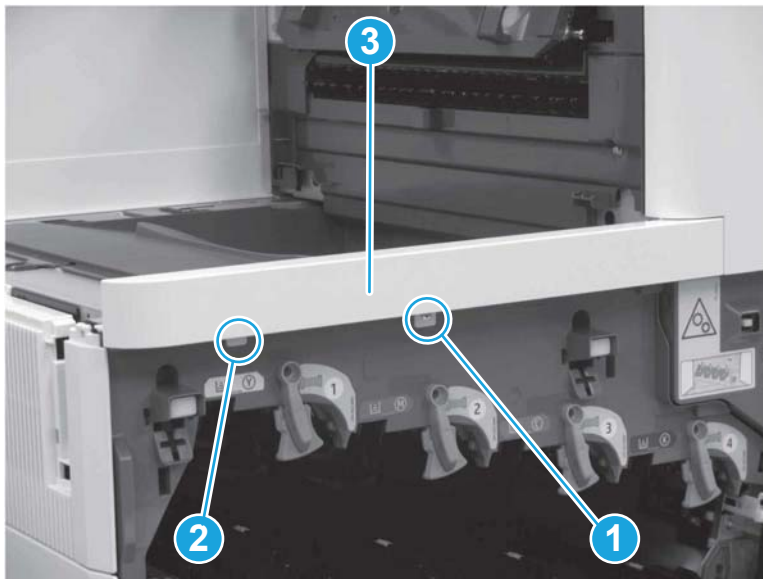
2. Remove the front cover (M776zs).
  - a. Open the front door.

Figure 1-413 Open the front door



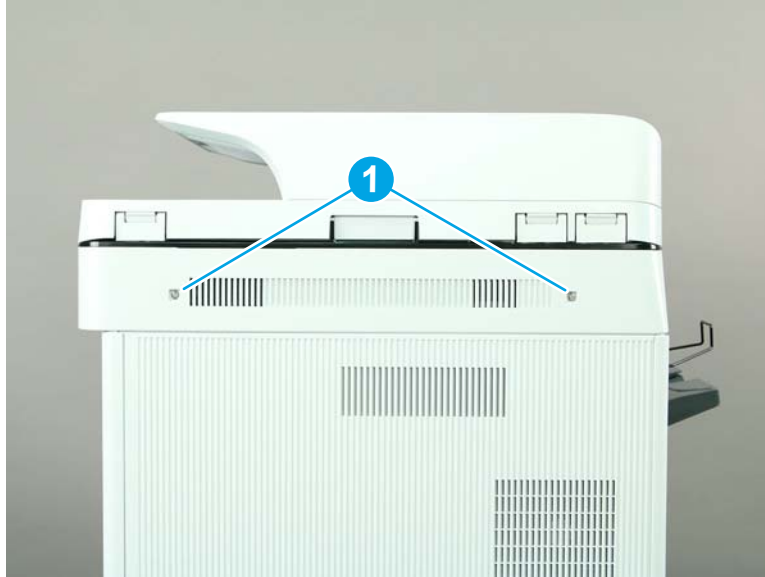
- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-414 Remove the front cover



- 3. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-415 Remove two screws



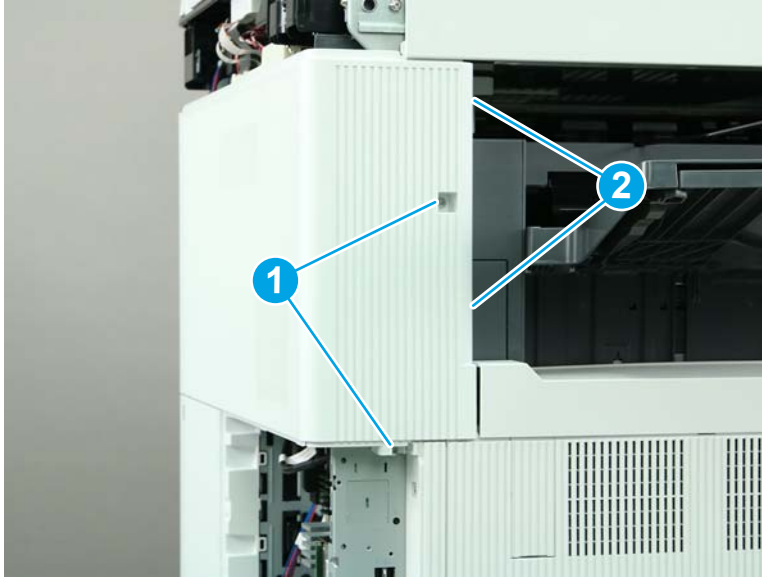
- b. Remove the SCB cover.

Figure 1-416 Remove the SCB cover



- 4. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-417 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

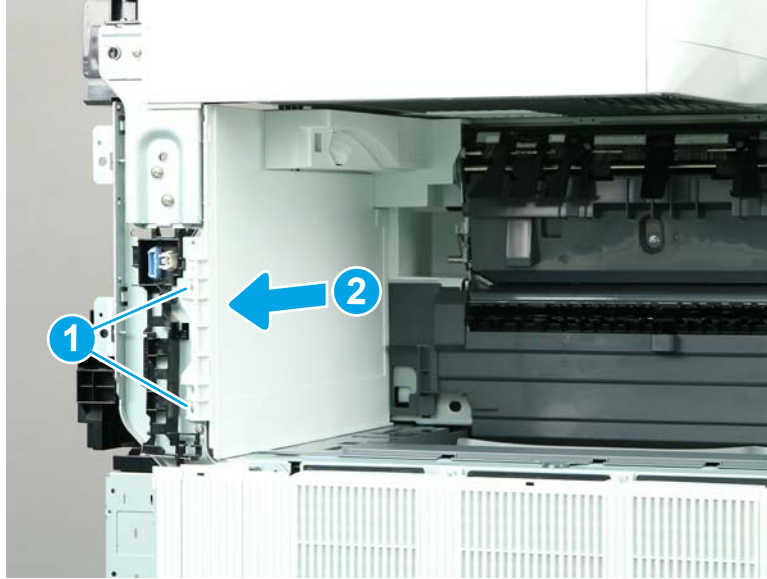
Figure 1-418 Remove the rear upper and left rear upper cover



- 5. Remove the main cover (M776zs).
  - ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).



Figure 1-419 Remove the main cover



6. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-420 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-421** Release the control panel cover



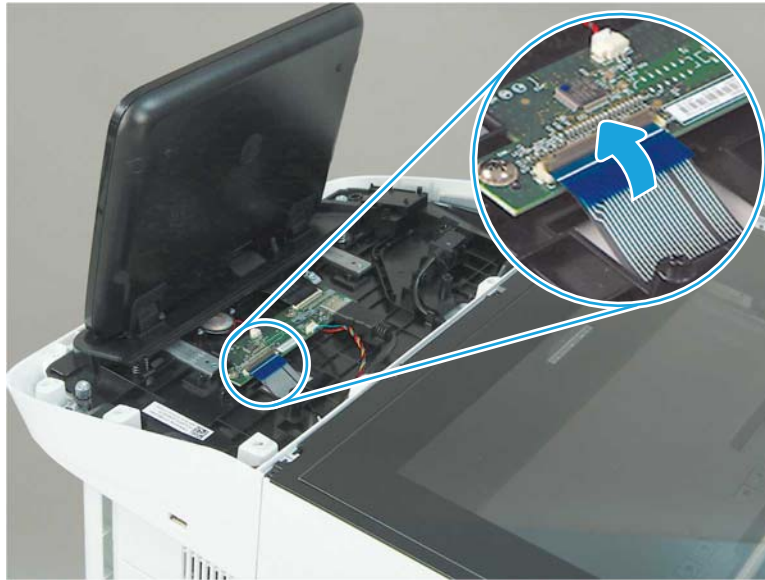
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-422** Remove the control panel cover



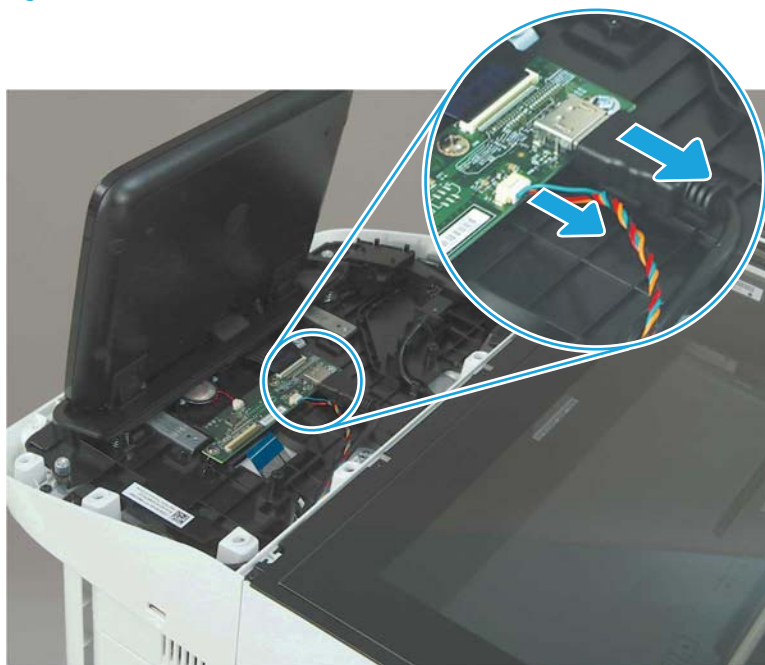
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-423** Release the keyboard flat cable (M776z/M776zs)



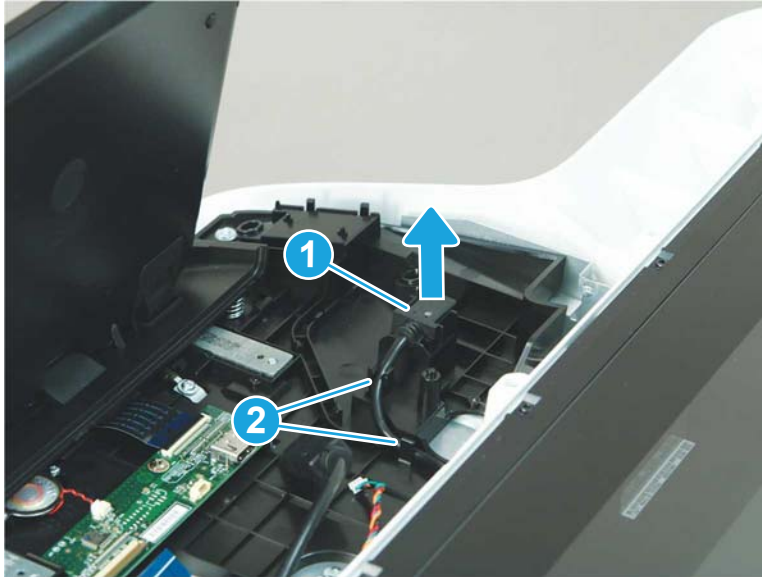
- e. Disconnect two connectors

**Figure 1-424** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-425 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-426 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-427 Remove the control panel



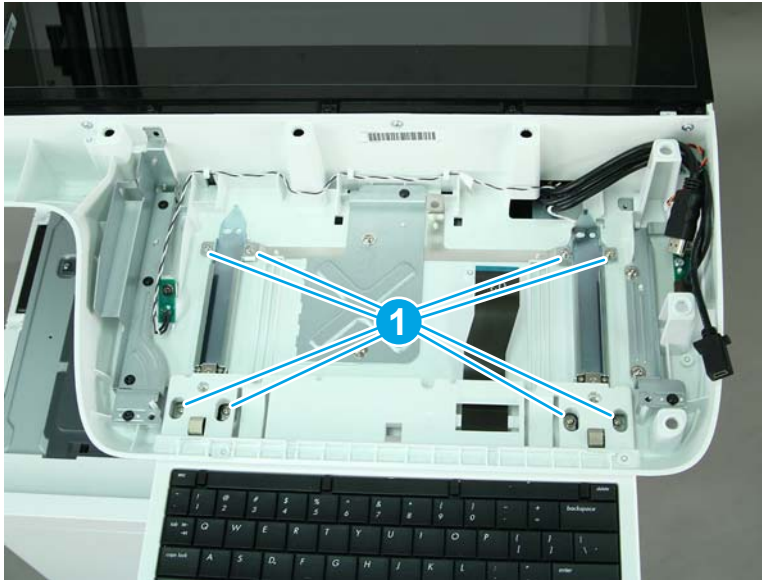
- 7. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-428 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-429 Remove eight screws



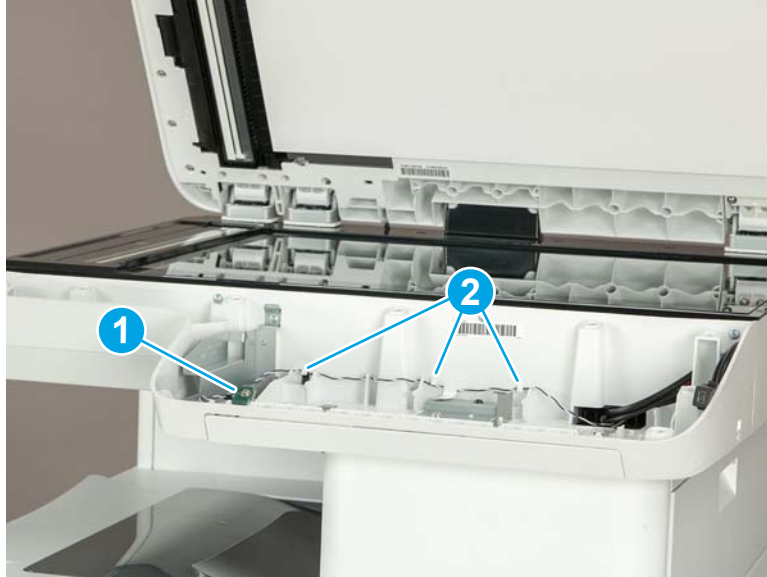
- c. Remove the keyboard and rails.

Figure 1-430 Remove the keyboard and rails



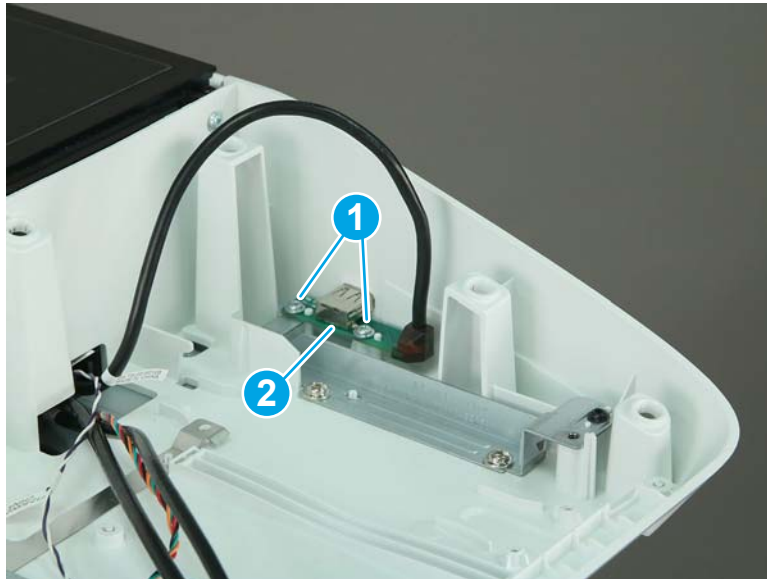
- 8. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-431 Release the light PCA



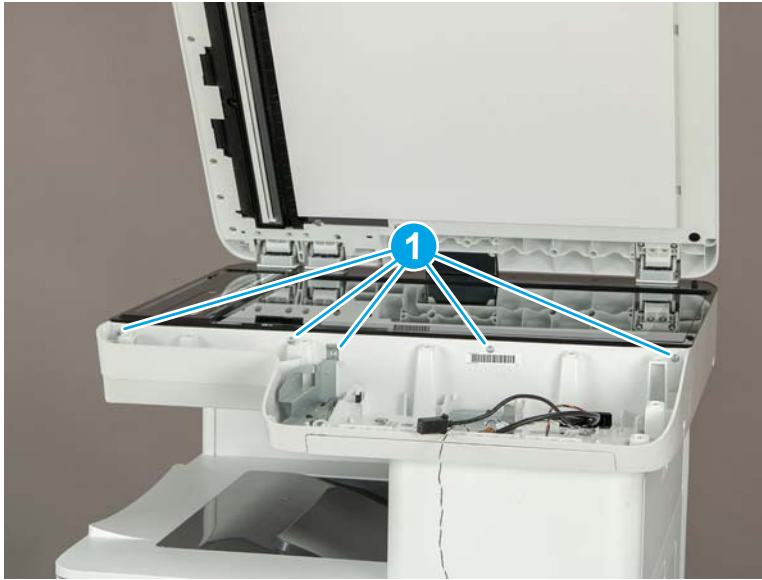
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-432 Release the USB port PCA



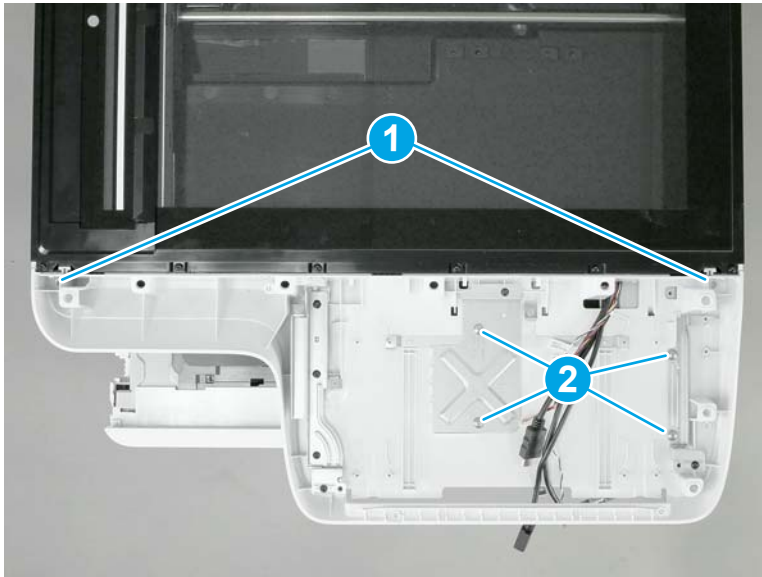
- c. Remove five screws (callout 1).

Figure 1-433 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-434 Remove six screws

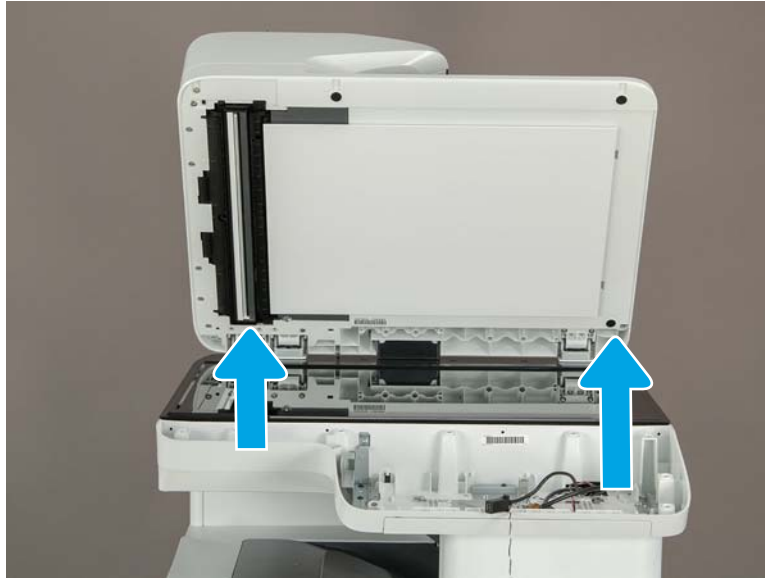




- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

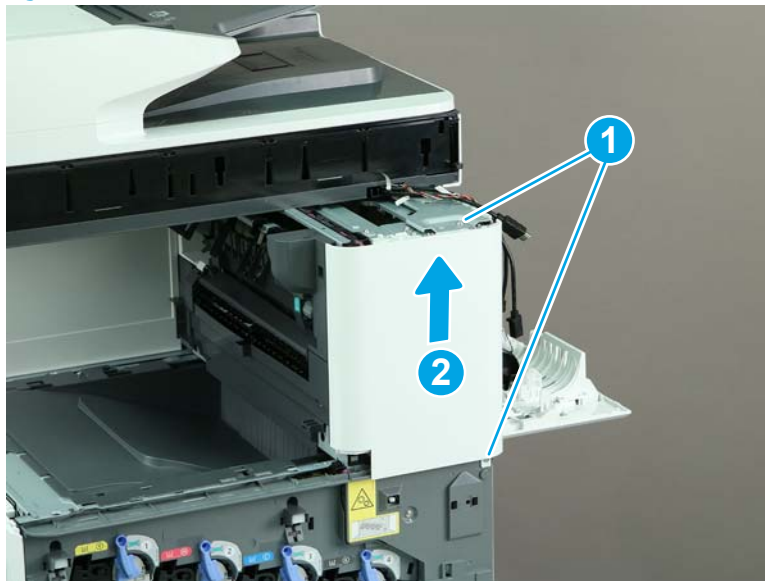
**Figure 1-435** Remove the nose cone



- 9. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

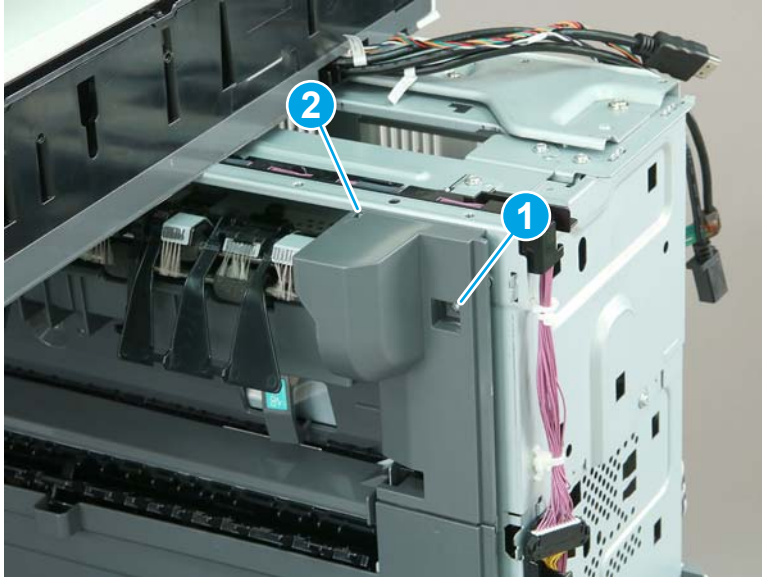
**Figure 1-436** Remove the right front cover



- 10. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

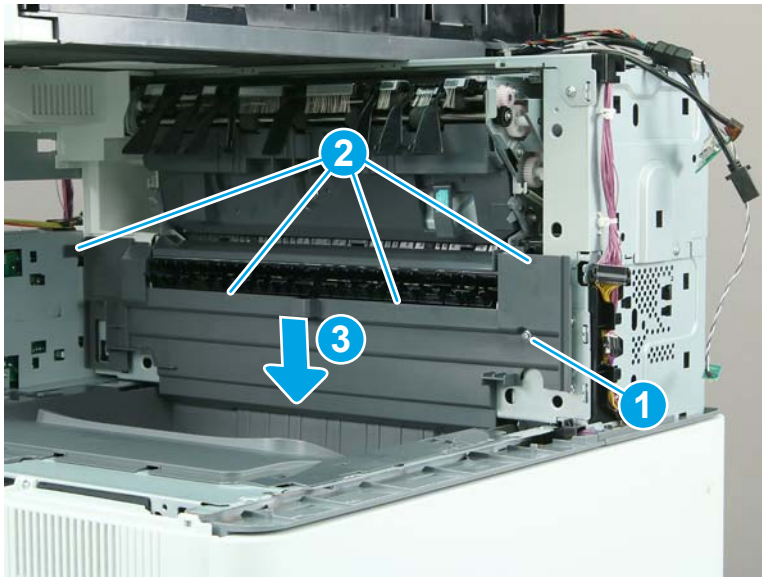
Figure 1-437 Remove the delivery front cover



11. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

Figure 1-438 Remove the delivery cover



12. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Delivery rear cover (M776zs)

Learn how to remove and replace the delivery rear cover.


Mean time to repair: 15 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-42** Part information

Part number	Part description
RM2-1782-000CN	Rear delivery cover assembly

---

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

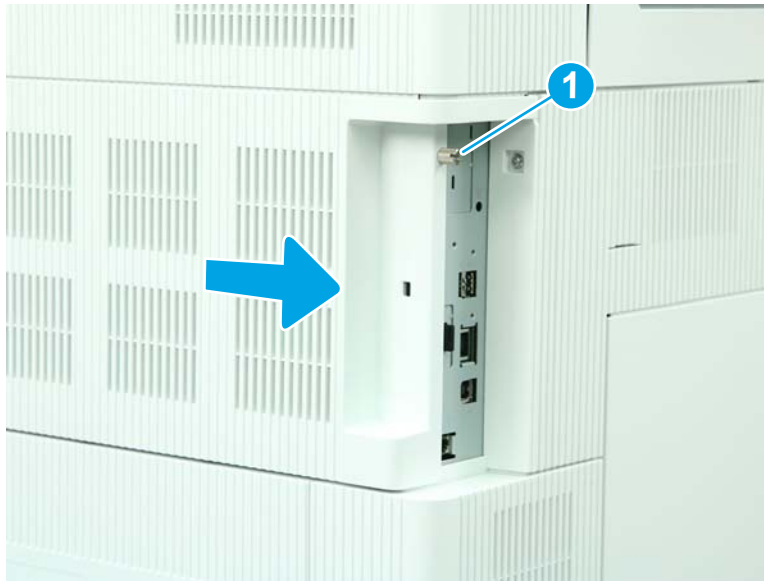
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-439 Remove the formatter cover



### 2. Remove the front cover (M776zs).

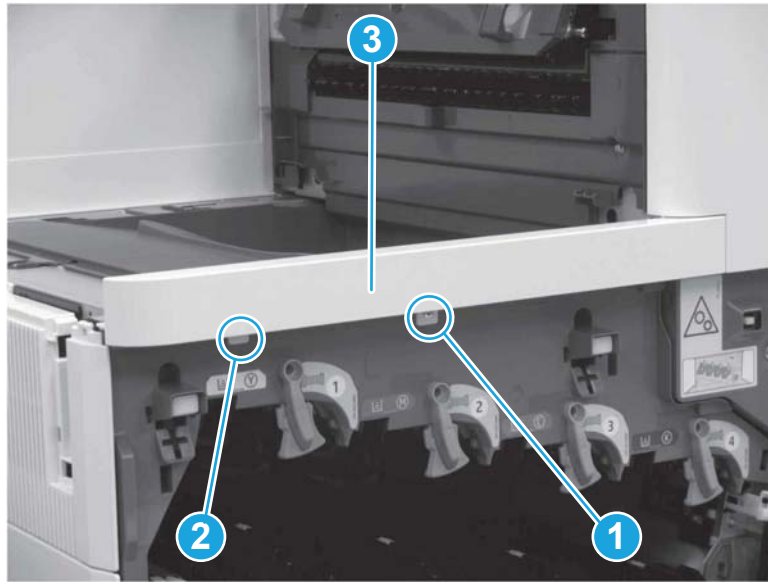
- a. Open the front door.

Figure 1-440 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

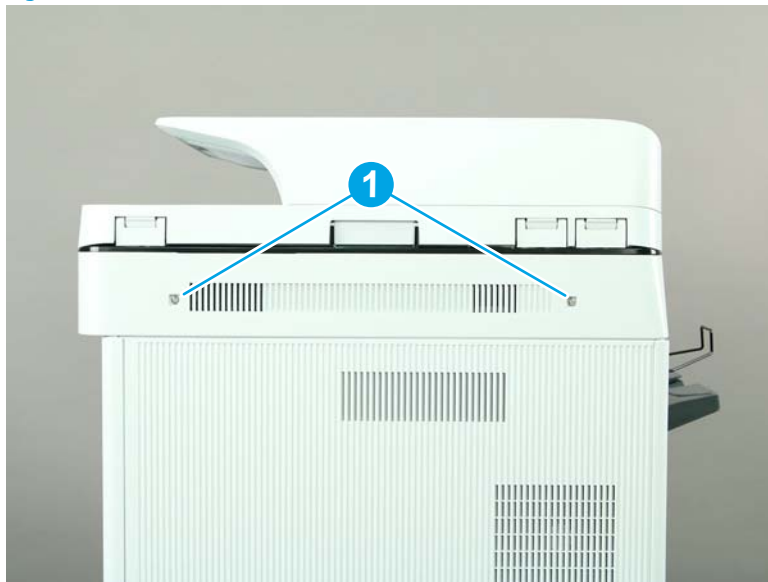
Figure 1-441 Remove the front cover



3. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-442 Remove two screws



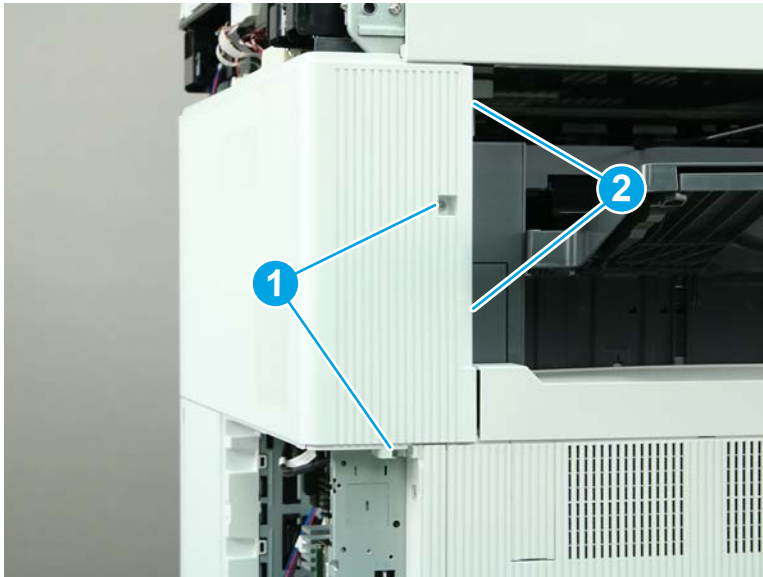
- b. Remove the SCB cover.

Figure 1-443 Remove the SCB cover



- 4. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-444 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

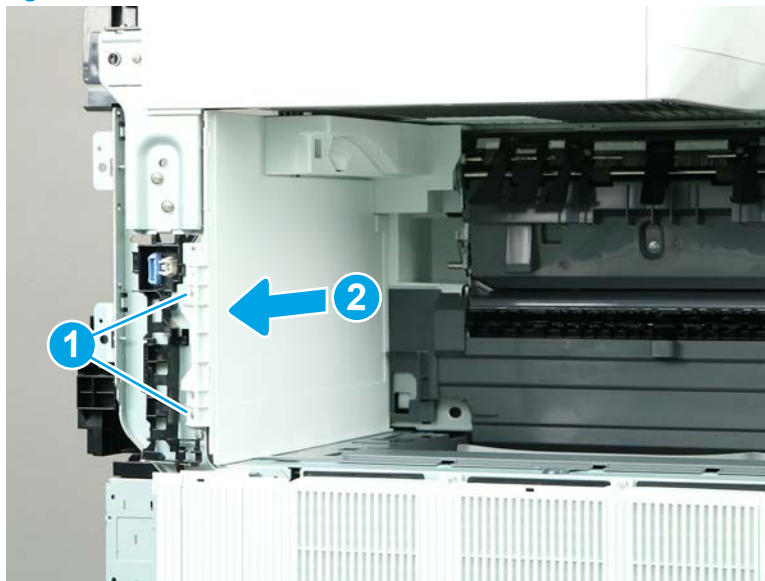
**Figure 1-445** Remove the rear upper and left rear upper cover



5. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

**Figure 1-446** Remove the main cover



6. Remove the control panel (M776).

- a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-447 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

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 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-448 Release the control panel cover





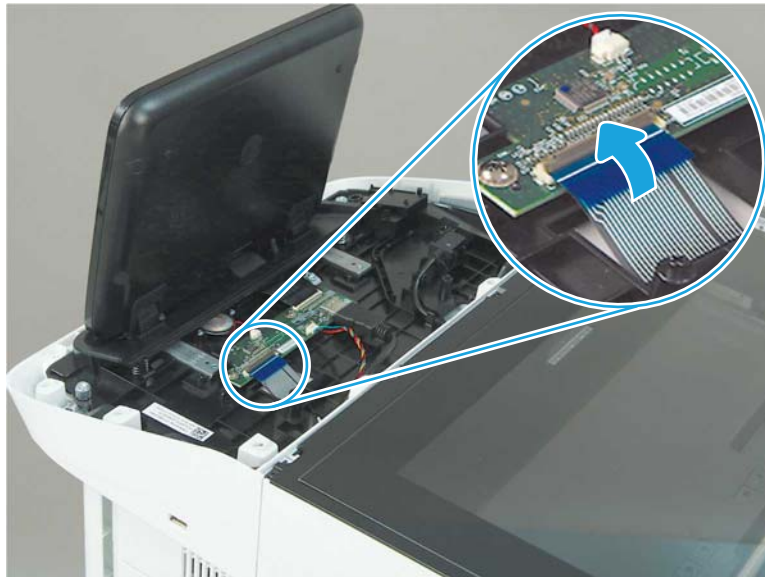
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-449 Remove the control panel cover



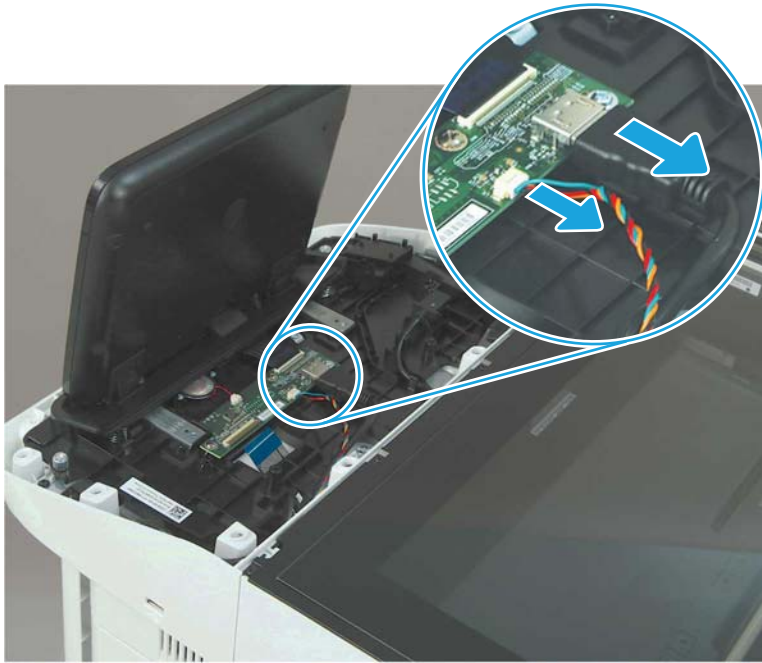
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-450 Release the keyboard flat cable (M776z/M776zs)



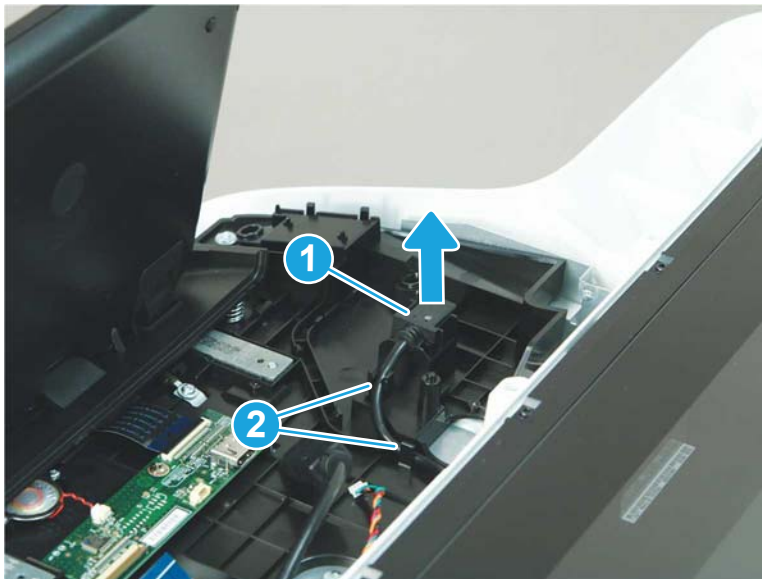
- e. Disconnect two connectors

Figure 1-451 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-452 Release the USB cable



- g.** Remove three screws (callout 1).

**Figure 1-453** Remove three screws



- h.** Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

**Figure 1-454** Remove the control panel



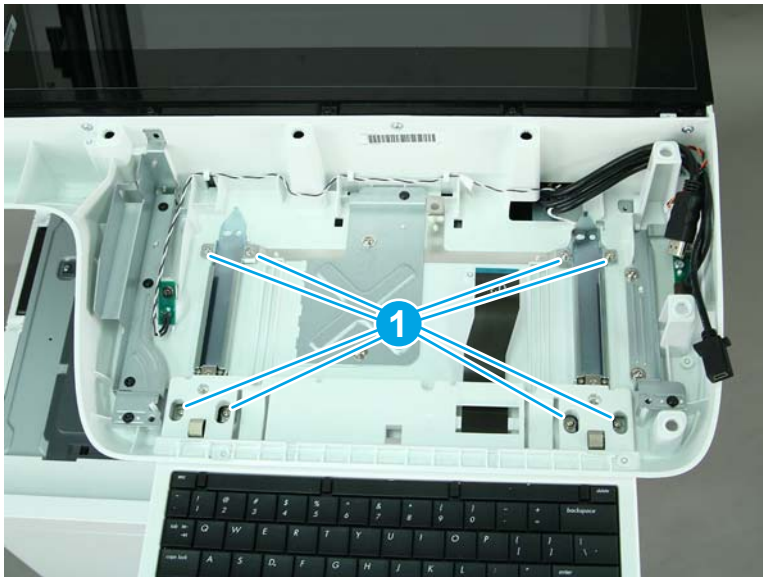
- 7.** Remove the keyboard (M776z/M776zs).
  - a.** Pull the keyboard out to its extended position.

Figure 1-455 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-456 Remove eight screws



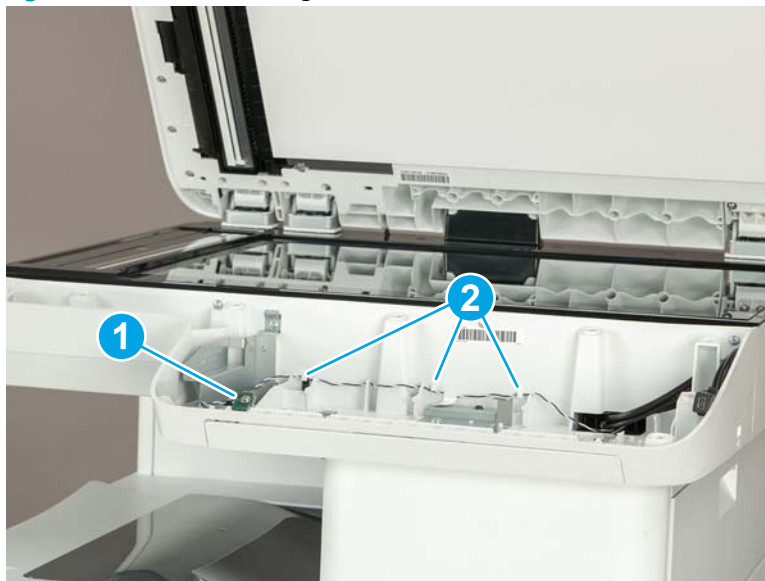
- c. Remove the keyboard and rails.

**Figure 1-457** Remove the keyboard and rails



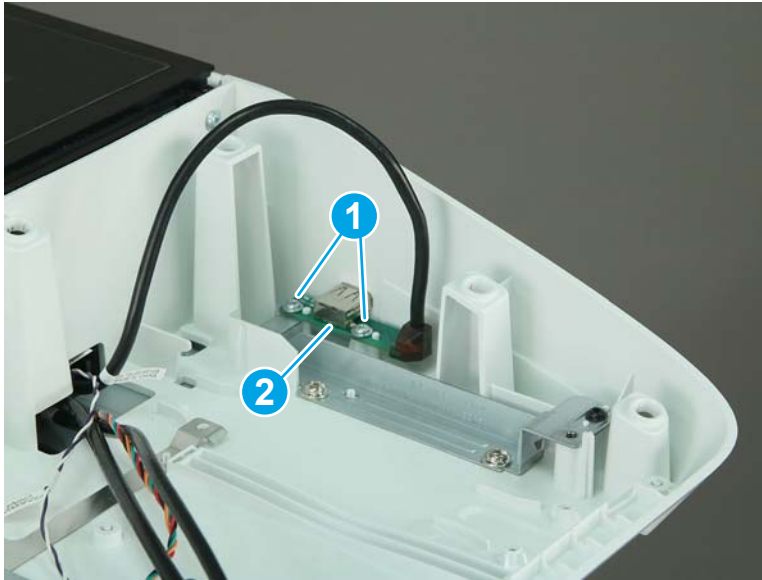
- 8. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

**Figure 1-458** Release the light PCA



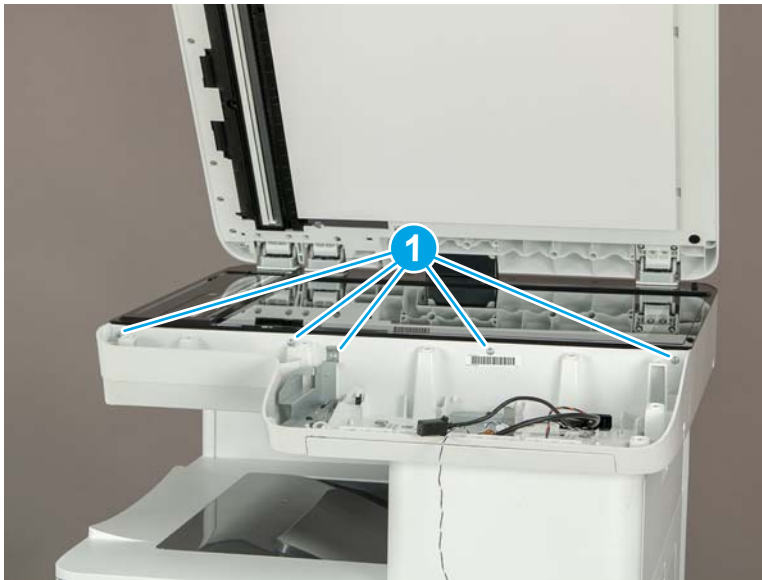
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-459 Release the USB port PCA



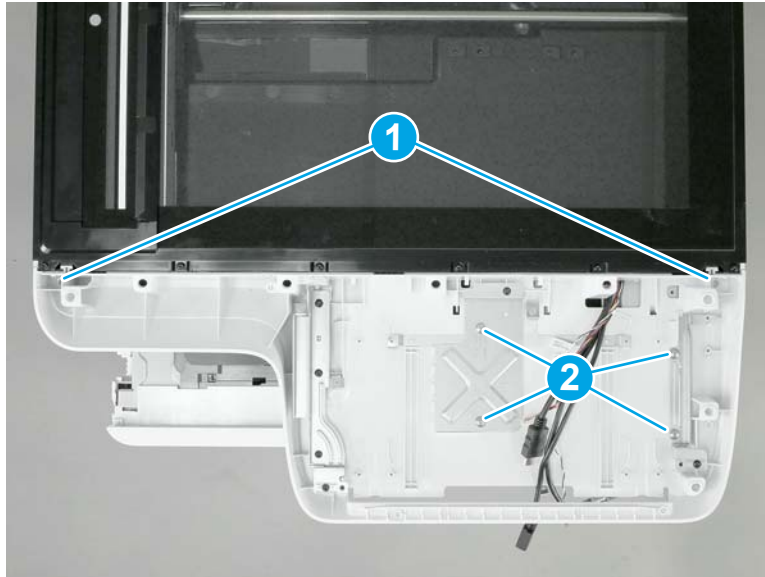
- c. Remove five screws (callout 1).

Figure 1-460 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

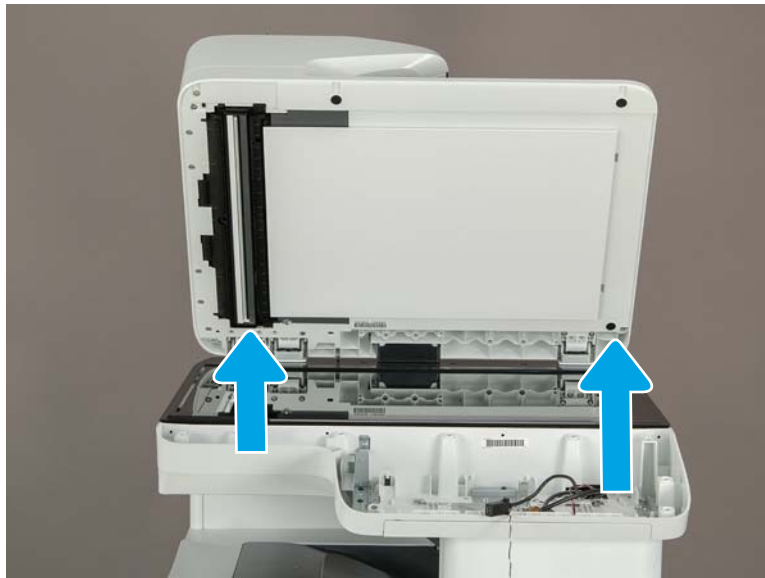
Figure 1-461 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

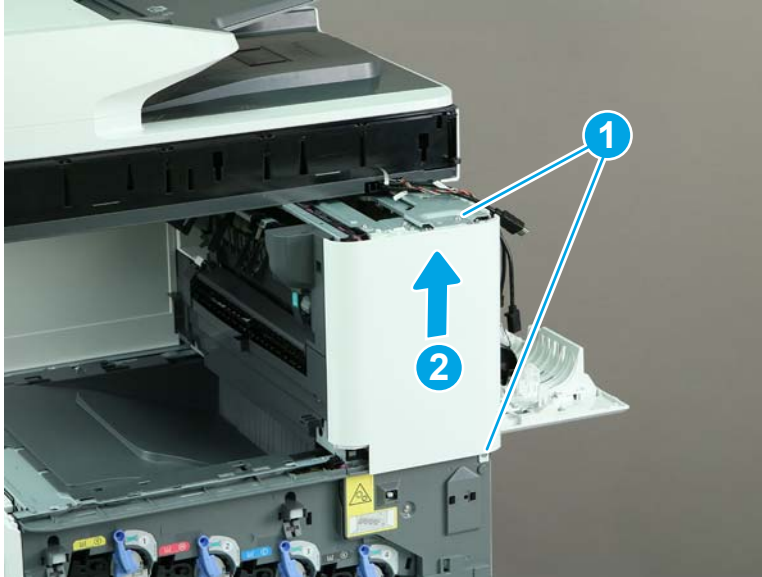
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

Figure 1-462 Remove the nose cone



- 9. Remove the right front cover (M776zs).
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

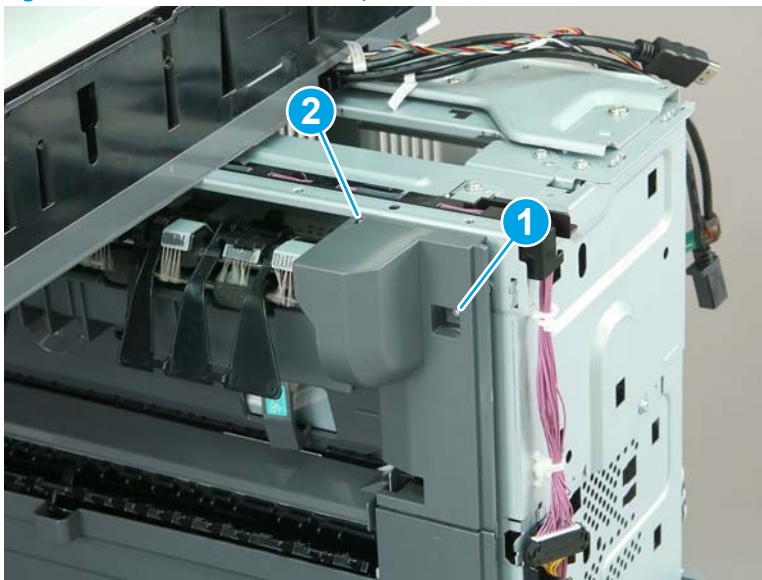
Figure 1-463 Remove the right front cover



10. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

Figure 1-464 Remove the delivery front cover

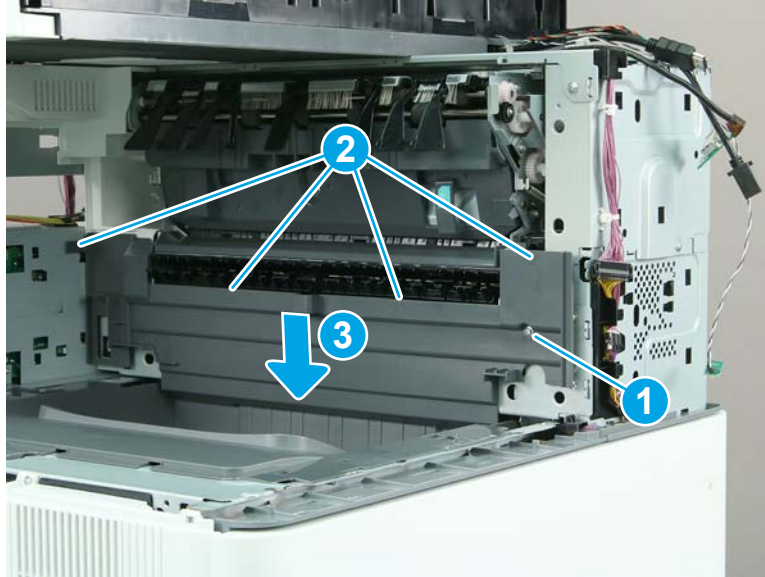


11. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.



Figure 1-465 Remove the delivery cover



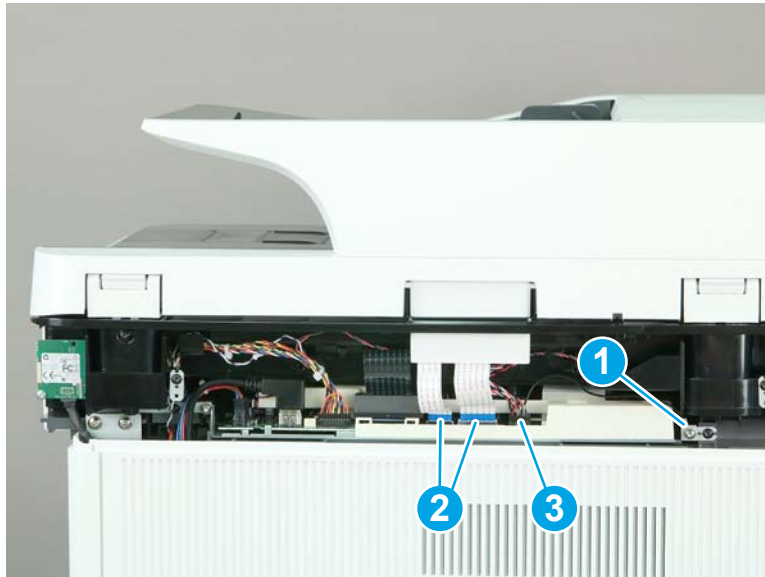
12. Remove the document feeder (M776dn/M776z/M776zs).
  - a. Remove one Torx T10 screw (callout 1) to release the ground wire, disconnect two flat cables (callout 2), and then disconnect one connector (callout 3).

---

**⚠ CAUTION:** These connectors (callout 2) are zero insertion force (ZIF) connectors. The clip on these connectors is easily dislodged and lost.

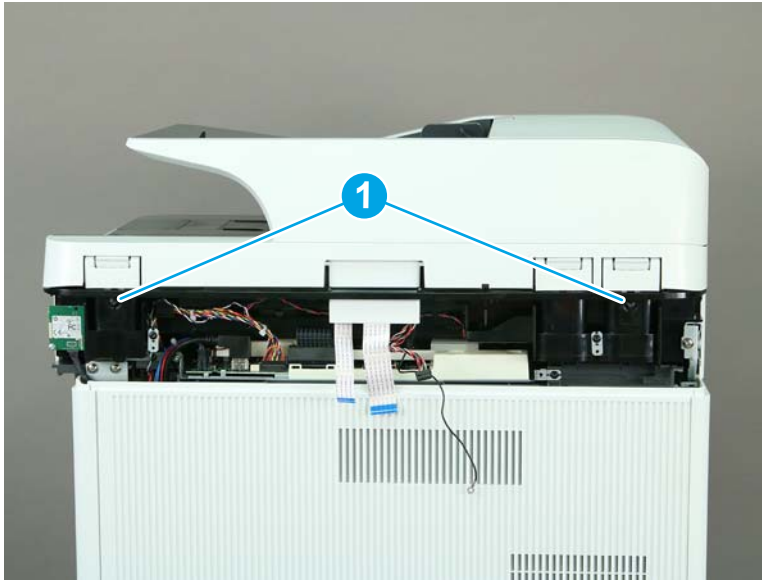
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Figure 1-466 Remove one screw and disconnect three connectors



- b. Remove two screws (callout 1).

Figure 1-467 Remove two screws



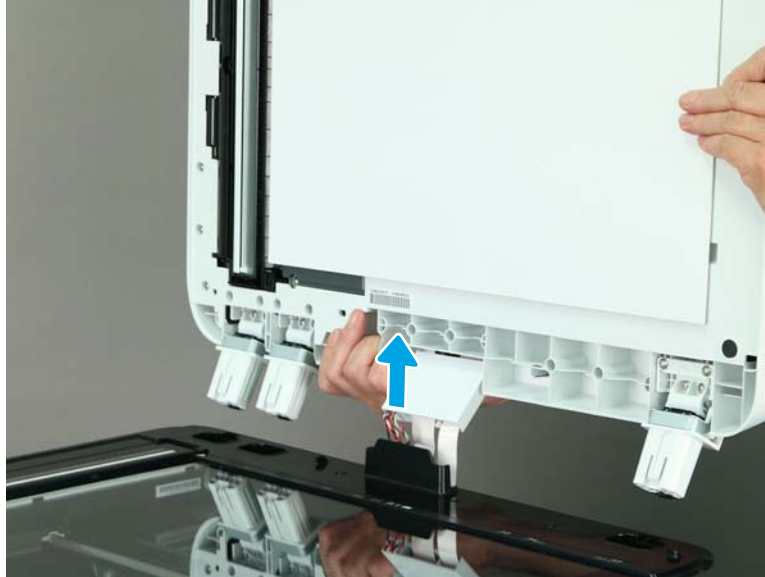
- c. Open the document feeder, and then lift it straight up until it stops at the retention tabs on each hinge (callout 1). Insert a small, flat-blade screwdriver between the hinge body and the slot in the scanner body (on the scanner glass side of the hinge) to release the retention tabs (on each hinge).

Figure 1-468 Release the hinges



- d. Carefully thread the document feeder flat cables, wire harness, and ground wire up and through the opening in the scanner cover to remove the document feeder.

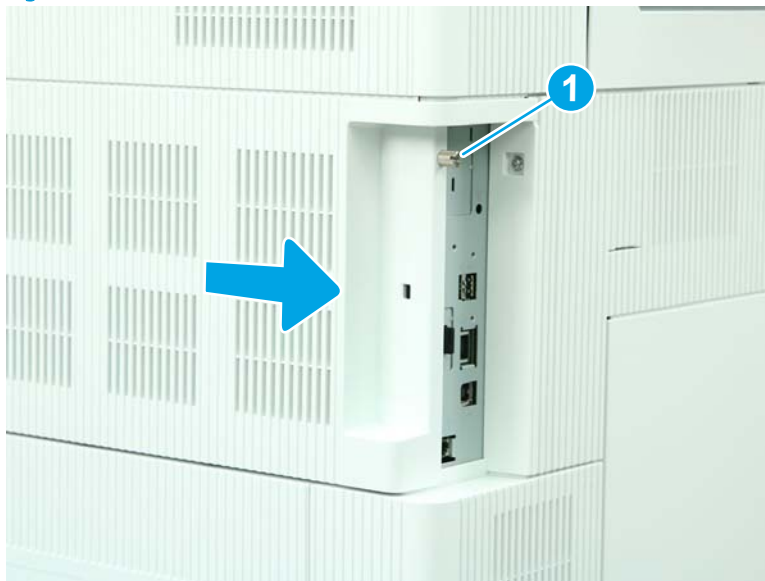
**Figure 1-469** Remove the document feeder



13. Remove the image scanner (M776dn/M776z/M776zs).

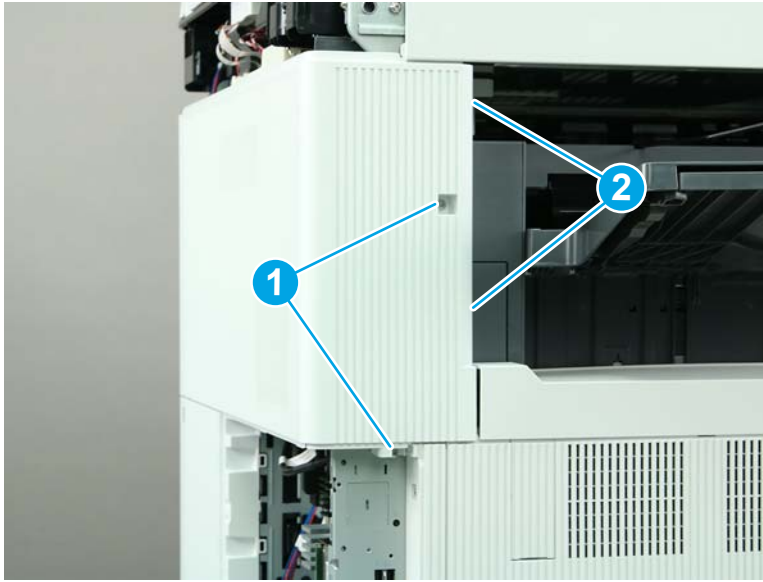
- a. Remove the formatter cover.

**Figure 1-470** Remove the formatter cover



- b. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-471 Remove two screws and release two tabs



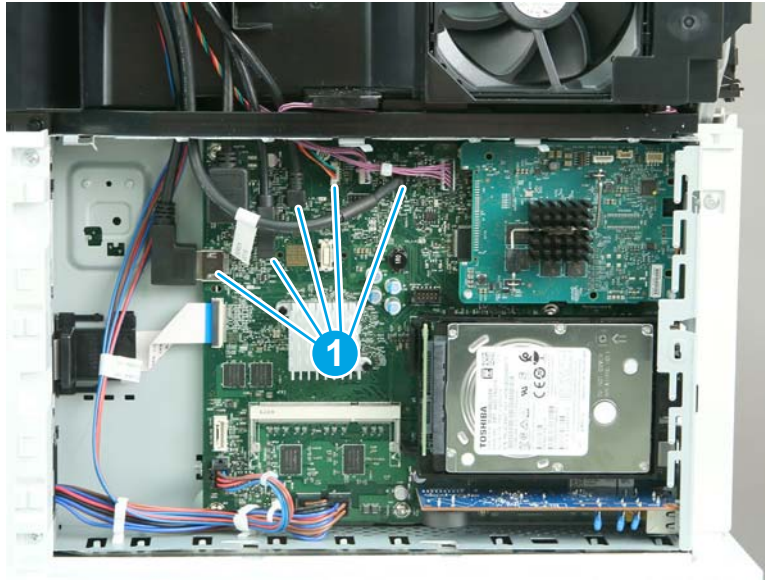
- c. Slide the cover to the right to remove it.

Figure 1-472 Remove the rear upper and left rear upper cover



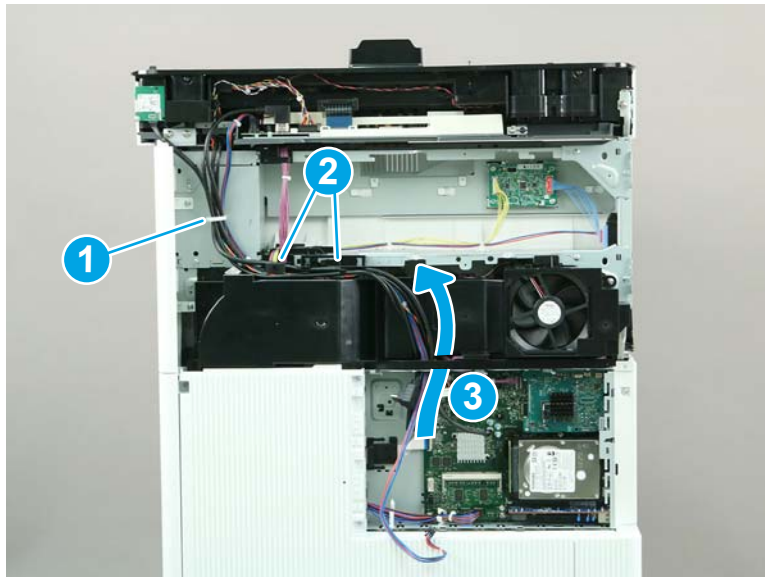
- d. Disconnect five connectors on the formatter (callout 1).

Figure 1-473 Disconnect five connectors



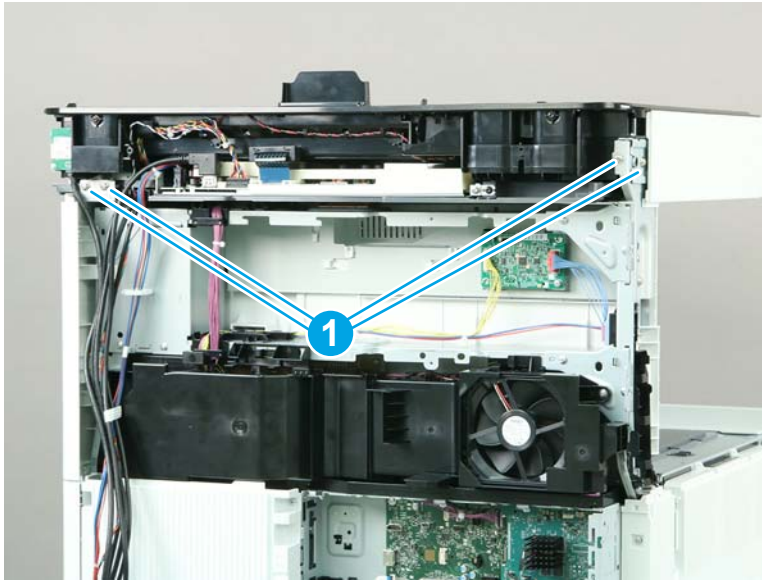
- e. Release one retainer (callout 1), release the cables from the guides (callout 2), and then pass the cables through the upper opening in the formatter cage (callout 3).

Figure 1-474 Release the cables



- f. Remove four screws (callout 1).

Figure 1-475 Remove four screws



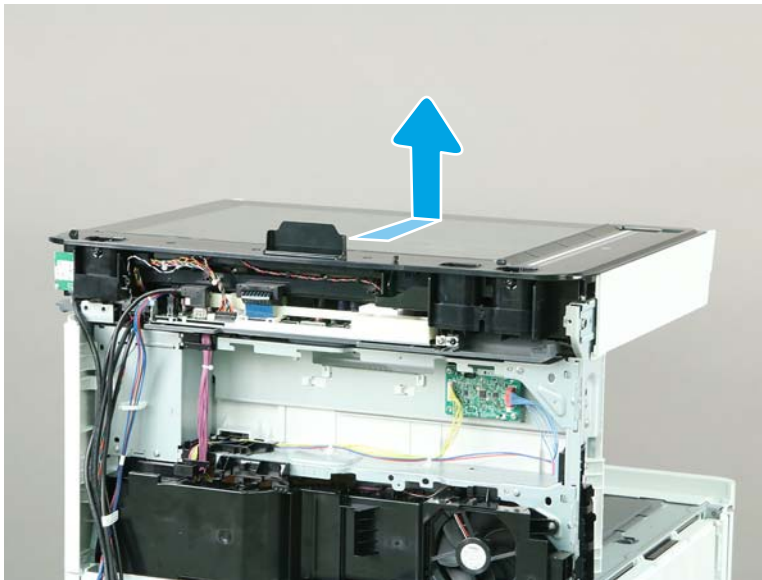
- g. Slightly slide the image scanner toward the front of the printer to release it, and then lift it straight up and off of the printer..

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 **NOTE:** Pass the wire harness and cables through the opening in the printer.

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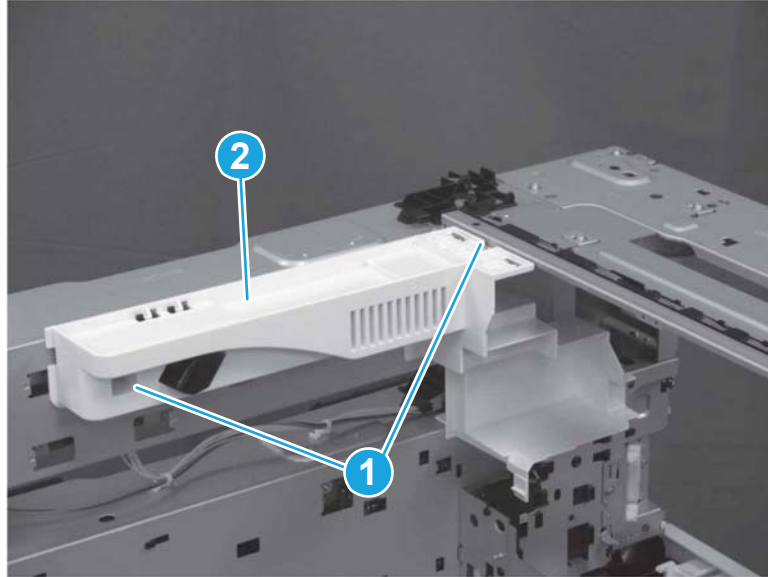
Figure 1-476 Remove the image scanner



- 14. Remove the rear delivery cover (M776zs).

- ▲ Remove two screws (callout 1), and then remove the rear delivery cover (callout 2).

Figure 1-477 Remove the rear delivery cover



15. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Internal parts and assemblies

Learn how to remove and replace the printer internal parts and assemblies.

- [Removal and replacement: Keyboard \(M776z/M776zs\)](#)
- [Removal and replacement: Scanner control board \(M776\)](#)
- [Removal and replacement: Wireless PCA \(M856/E85055\)](#)
- [Removal and replacement: Wireless PCA \(M776\)](#)
- [Removal and replacement: Communication PCA \(M776\)](#)
- [Removal and replacement: Duplexing controller PCA \(M856/E85055/M776\)](#)
- [Removal and replacement: Delivery assembly \(M751/E75245\)](#)
- [Removal and replacement: Delivery assembly \(M856/E85055\)](#)
- [Removal and replacement: Delivery assembly \(M776dn/M776z\)](#)
- [Removal and replacement: Delivery assembly \(M776zs\)](#)
- [Removal and replacement: Toggle front assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Toggle rear assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Duplex reverse guide assembly \(M856/E85055\)](#)
- [Removal and replacement: Duplex reverse guide assembly \(M776dn/M776z\)](#)
- [Removal and replacement: Toggle front assembly \(M776zs\)](#)
- [Removal and replacement: Toggle rear assembly \(M776zs\)](#)
- [Removal and replacement: Fuser motor \(M856/E85055/M776\)](#)
- [Removal and replacement: Fuser drive assembly \(M751/E75245\)](#)
- [Removal and replacement: Fuser drive assembly \(M856/E85055/M776\)](#)
- [Removal and replacement: Cartridge guide \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Cartridge rail assembly \(M751/E75245\)](#)
- [Removal and replacement: Cartridge rail assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Cartridge rail assembly \(M776zs\)](#)
- [Removal and replacement: DT-cartridge rail assembly \(M751/E75245\)](#)
- [Removal and replacement: DT-cartridge rail assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: DT-cartridge rail assembly \(M776zs\)](#)
- [Removal and replacement: Transfer cleaner assembly \(E75245/E85055\)](#)
- [Removal and replacement: PEFS board \(E75245/E85055\)](#)
- [Removal and replacement: Formatter \(M751/E75245\)](#)



- [Removal and replacement: Formatter \(M856/E85055/M776\)](#)
- [Removal and replacement: Formatter case \(M856/E85055/M776\)](#)
- [Removal and replacement: Memory PCA \(M856/E85055/M776\)](#)
- [Removal and replacement: Main connecting PCA \(M751/E75245\)](#)
- [Removal and replacement: Main connecting PCA \(M856/E85055/M776\)](#)
- [Removal and replacement: Controller fan \(M856/E85055/M776\)](#)
- [Removal and replacement: Laser scanner \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Pickup assembly \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Registration density sensor \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Duplex drive assembly \(M751/E75245\)](#)
- [Removal and replacement: Main drive assembly \(M751/E75245\)](#)
- [Removal and replacement: Main drive assembly \(M856/E85055/M776\)](#)
- [Removal and replacement: Lifter drive assembly \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Auto close assembly \(Tray 2; M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: DC controller \(M751/E75245\)](#)
- [Removal and replacement: DC controller \(M856/E85055/M776\)](#)
- [Removal and replacement: Low-voltage power supply \(M751/E75245\)](#)
- [Removal and replacement: Low-voltage power supply \(LVPS\) \(M856/E85055/M776\)](#)
- [Removal and replacement: Lower high-voltage power supply \(M751/E75245\)](#)
- [Removal and replacement: Lower high-voltage power supply \(M856/E85055/M776\)](#)
- [Removal and replacement: Upper high-voltage power supply \(M751/E75245\)](#)
- [Removal and replacement: Upper high-voltage power supply \(M856/E85055/M776\)](#)
- [Removal and replacement: High-voltage power supply T2 \(M751/E75245\)](#)
- [Removal and replacement: High-voltage power supply T2 \(M856/E85055/M776\)](#)
- [Removal and replacement: T2 connecting PCA \(M751/E75245\)](#)
- [Removal and replacement: T2 connecting PCA \(M856/E85055/M776\)](#)
- [Removal and replacement: Environmental sensor PCA \(M751/E75245\)](#)
- [Removal and replacement: Environmental sensor PCA \(M856/E85055/M776\)](#)
- [Removal and replacement: Memory PCA \(M751/E75245\)](#)
- [Removal and replacement: Drum motor 1 \(M751/E75245\)](#)
- [Removal and replacement: Drum motor 1 \(M856/E85055/M776\)](#)

- [Removal and replacement: Drum motor 2 \(M751/E75245\)](#)
- [Removal and replacement: Drum motor 2 \(M856/E85055/M776\)](#)
- [Removal and replacement: Drum motor 3 \(M751/E75245\)](#)
- [Removal and replacement: Drum motor 3 \(M856/E85055/M776\)](#)
- [Removal and replacement: Developer alienation motor \(M751/E75245\)](#)
- [Removal and replacement: Developer alienation motor \(M856/E85055/M776\)](#)
- [Removal and replacement: Low-voltage power supply fan \(M751/E75245\)](#)
- [Removal and replacement: Low-voltage power supply fan \(M856/E85055/M776\)](#)
- [Removal and replacement: Fuser fan \(M751/E75245\)](#)
- [Removal and replacement: Fuser fan \(M856/E85055/M776\)](#)
- [Removal and replacement: Cartridge front fan \(M751/E75245\)](#)
- [Removal and replacement: Cartridge front fan \(M856/E85055/M776\)](#)
- [Removal and replacement: Cartridge rear fan \(M751/E75245\)](#)
- [Removal and replacement: Cartridge rear fan \(M856/E85055/M776\)](#)
- [Removal and replacement: Cartridge upper guide \(M751/E75245\)](#)
- [Removal and replacement: Cartridge upper guide \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Cartridge upper guide \(M776zs\)](#)
- [Removal and replacement: Black pre-exposure assembly \(M751/E75245\)](#)
- [Removal and replacement: Black pre-exposure assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Black pre-exposure assembly \(M776zs\)](#)
- [Removal and replacement: Power switch PCA \(M751/E75245\)](#)
- [Removal and replacement: Power switch PCA \(M856/E85055\)](#)
- [Removal and replacement: Power switch PCA \(M776dn/M776z\)](#)
- [Removal and replacement: Power switch PCA \(M776zs\)](#)
- [Removal and replacement: Tray 2 size detect switch \(M751/E75245/M856/E85055/M776\)](#)
- [Removal and replacement: Waste toner feed assembly \(M751/E75245\)](#)
- [Removal and replacement: Waste toner feed assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Waste toner feed assembly \(M776zs\)](#)
- [Removal and replacement: Waste toner gear base assembly \(M751/E75245\)](#)
- [Removal and replacement: Waste toner gear base assembly \(M856/E85055/M776dn/M776z\)](#)
- [Removal and replacement: Waste toner gear base assembly \(M776zs\)](#)

## Removal and replacement: Keyboard (M776z/M776zs)

Learn how to remove and replace the keyboard.



[View a video of how to remove and replace the keyboard.](#)

Mean time to repair: 5 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-43 Part information

Part number	Part description
Y6V12-67002	Keyboard (US; M776z/M776zs)
Y6V12-67001	Keyboard (UK; M776z/M776zs)

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-478 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

---

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-479 Release the control panel cover



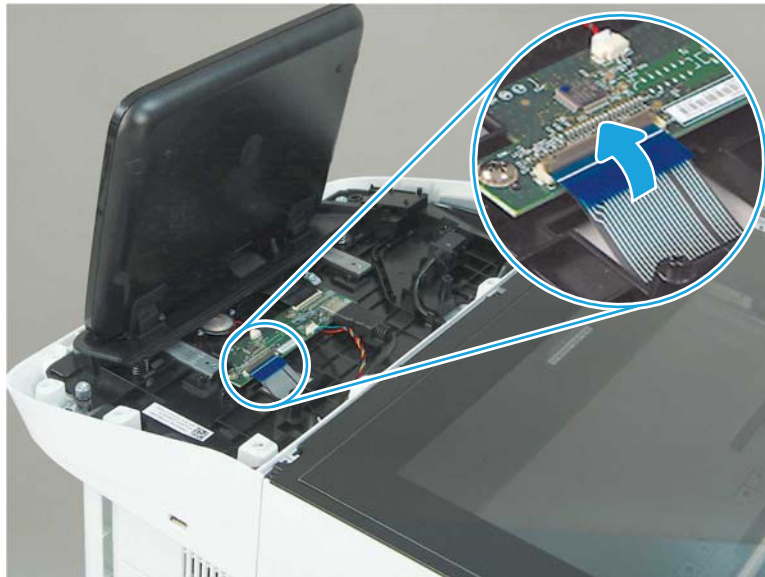
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-480 Remove the control panel cover



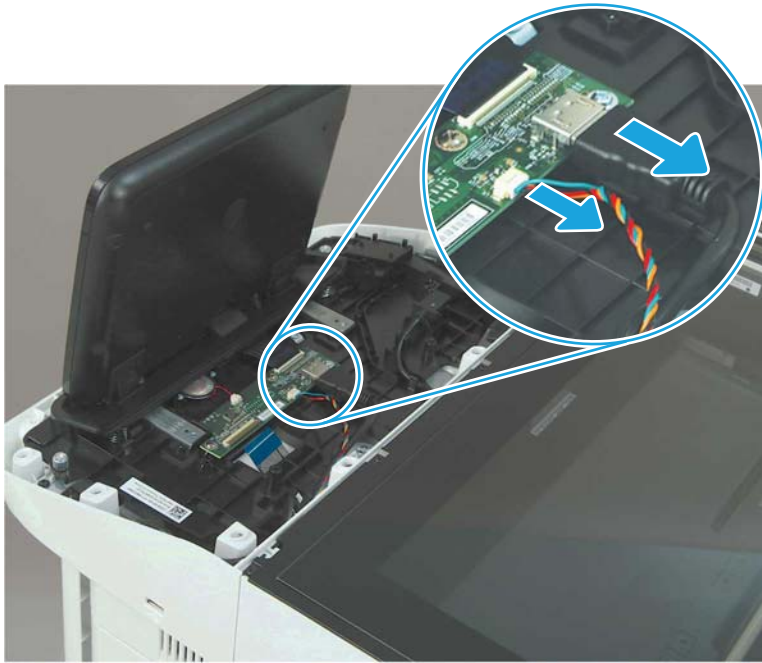
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-481 Release the keyboard flat cable (M776z/M776zs)



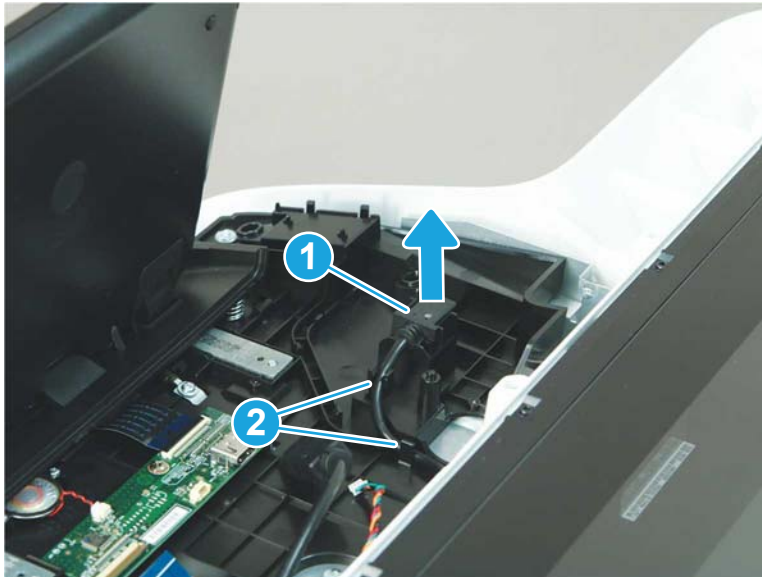
- e. Disconnect two connectors

Figure 1-482 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-483 Release the USB cable



- g.** Remove three screws (callout 1).

**Figure 1-484** Remove three screws



- h.** Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

**Figure 1-485** Remove the control panel



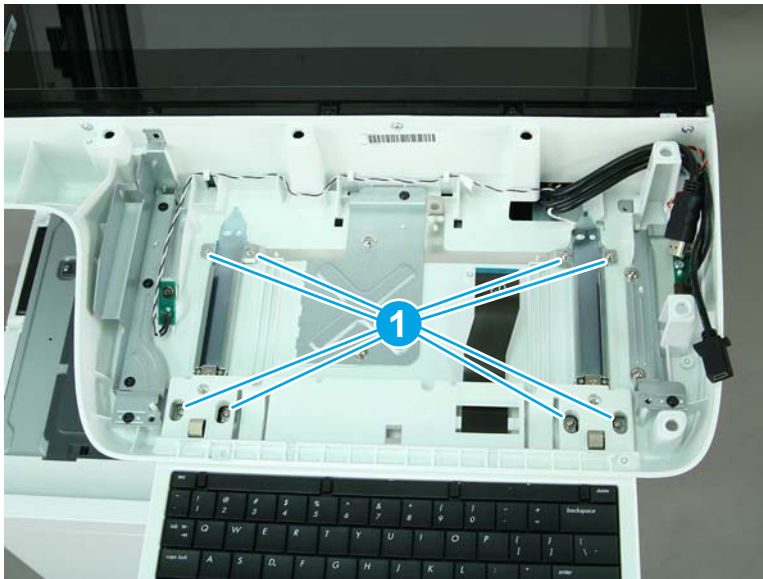
- 2.** Remove the keyboard (M776z/M776zs).
  - a.** Pull the keyboard out to its extended position.

Figure 1-486 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-487 Remove eight screws





- c. Remove the keyboard and rails.

**Figure 1-488** Remove the keyboard and rails



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Scanner control board (M776)

Learn how to remove and replace the scanner control board.



[View a video of how to remove and replace the scanner control board.](#)

Mean time to repair: 4 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- o Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-44** Part information

Part number	Part description
5851-7916	Kit-SCB enterprise
5851-7917	Kit-SCB work flow

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

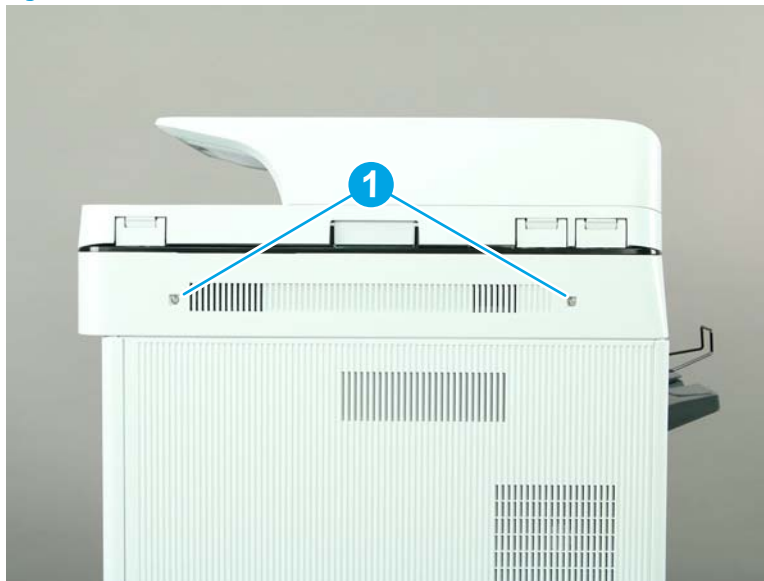
### Post service test

Make sure that the printer initializes to a **Ready** state.

Copy a page from the image scanner and verify it is functioning correctly.

1. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

**Figure 1-489** Remove two screws



- b. Remove the SCB cover.

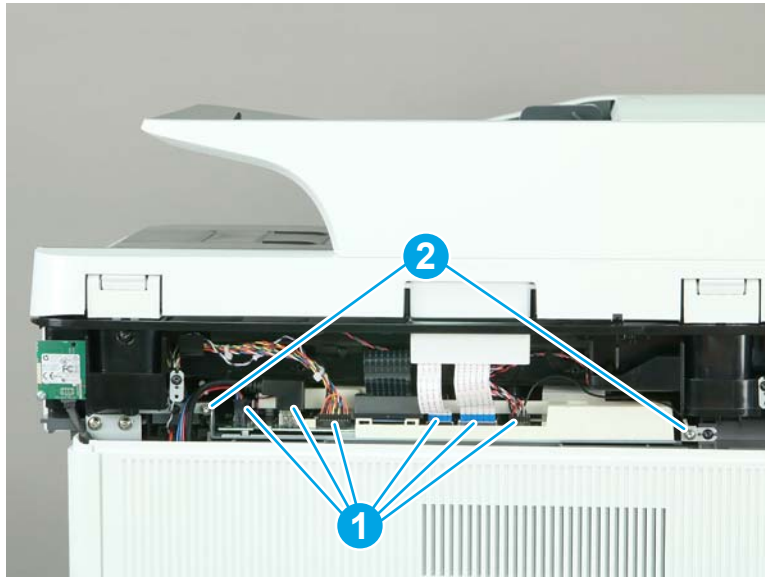
**Figure 1-490** Remove the SCB cover



- 2. Remove the scanner control board (SCB) (M776dn/M776z/M776zs).

- a. Disconnect six connectors (callout 1), and then remove two screws (callout 2).

**Figure 1-491** Disconnect six connectors and remove two screws



- b. Release the tab on the back of the ferrite holder, and then lift the ferrite up to release it.

**Figure 1-492** Release the ferrite

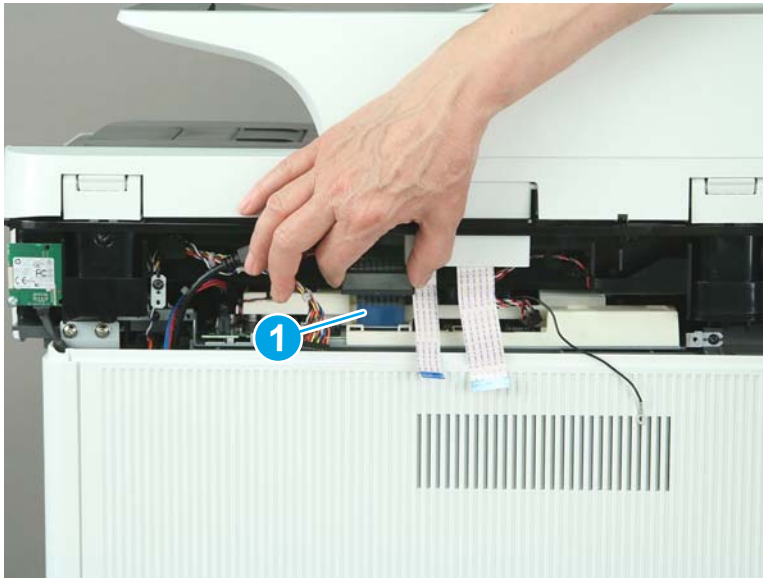


- c. Lift the ferrite up, and then disconnect one flat cable (callout 1).

**⚠ CAUTION:** This connector is a zero insertion force (ZIF) connector. The clip on this connector is easily dislodged and lost.

Slide the ferrite off of the flat cable after disconnecting it. The ferrite is not captive and can easily slip off and be damaged.

**Figure 1-493** Disconnect one flat cable



- d. Slide the scanner control board (SCB) out of the printer to remove it.

**Figure 1-494** Remove the SCB



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Wireless PCA (M856/E85055)

Learn how to remove and replace the wireless PCA.


Mean time to repair: 4 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-45** Part information

Part number	Part description
0960-3659	Wireless PCA board

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

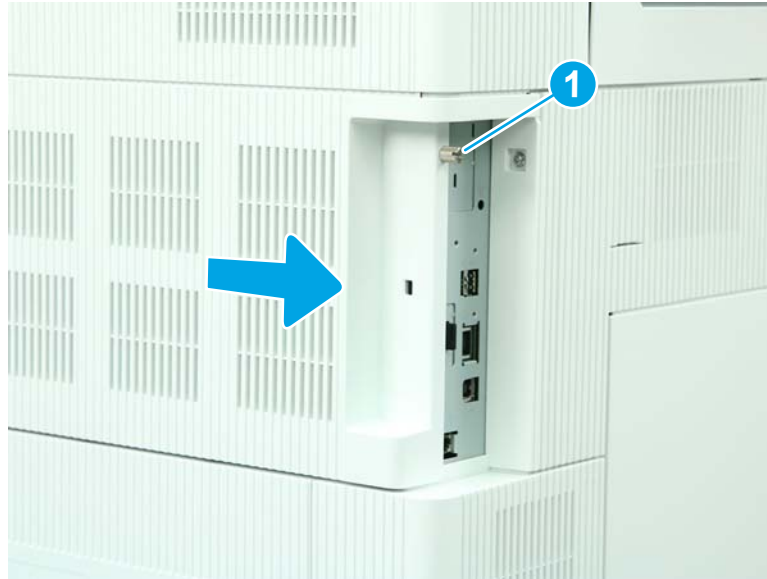
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state. Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-495 Remove the formatter cover

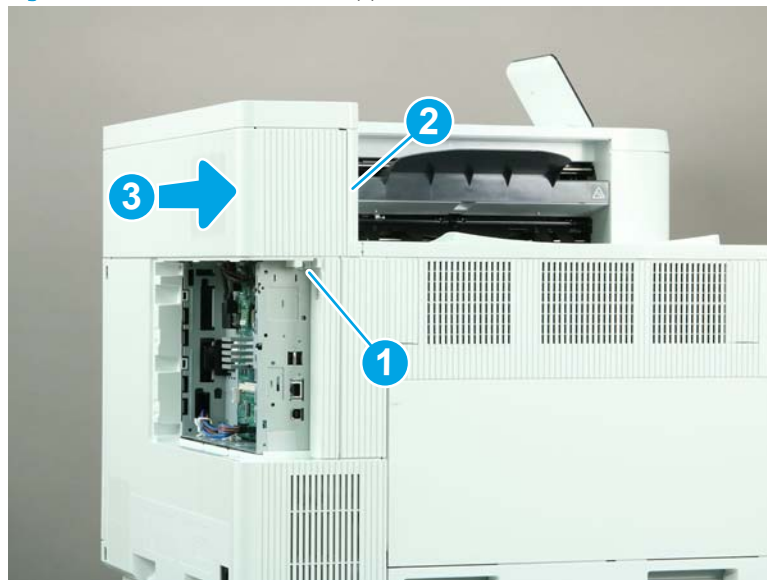


2. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-496 Remove the rear upper cover



3. Remove the control panel (M856/E85055).

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-497 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-498 Remove one screw





- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-499** Slide the control panel back



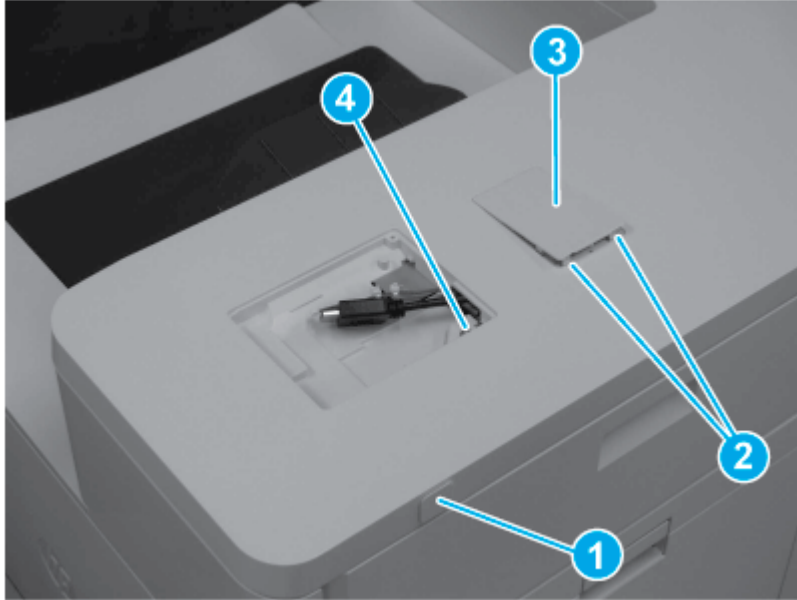
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

**Figure 1-500** Disconnect two connectors



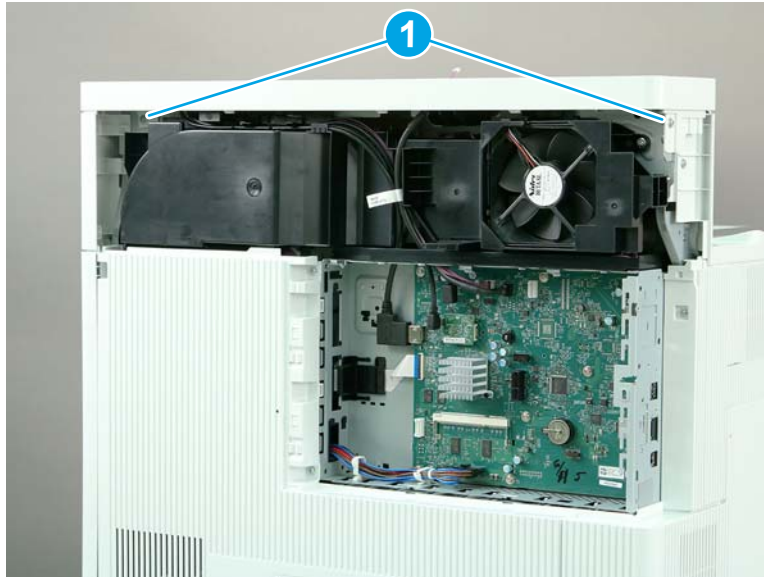
4. Remove the top cover (M856/E85055).
  - a. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-501 Remove covers and one screw



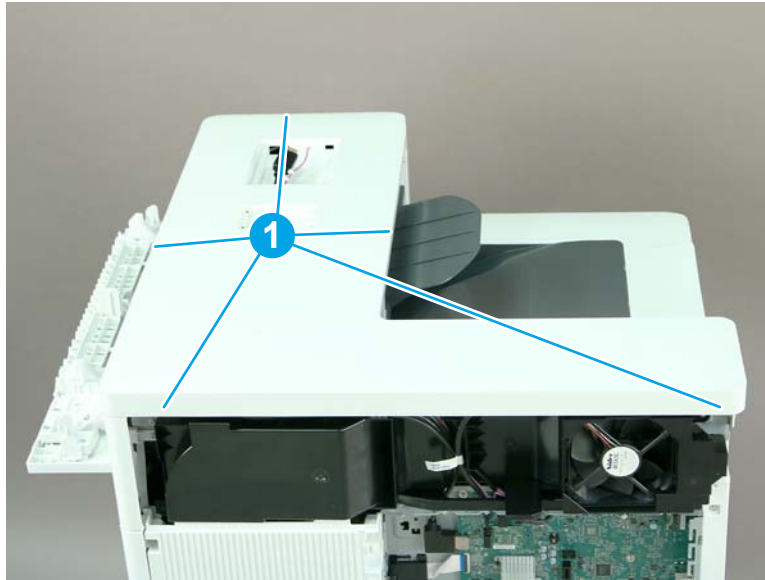
- b. Remove two screws (callout 1).

Figure 1-502 Remove two screws



- c. Release five tabs (callout 1), and then remove the top cover.

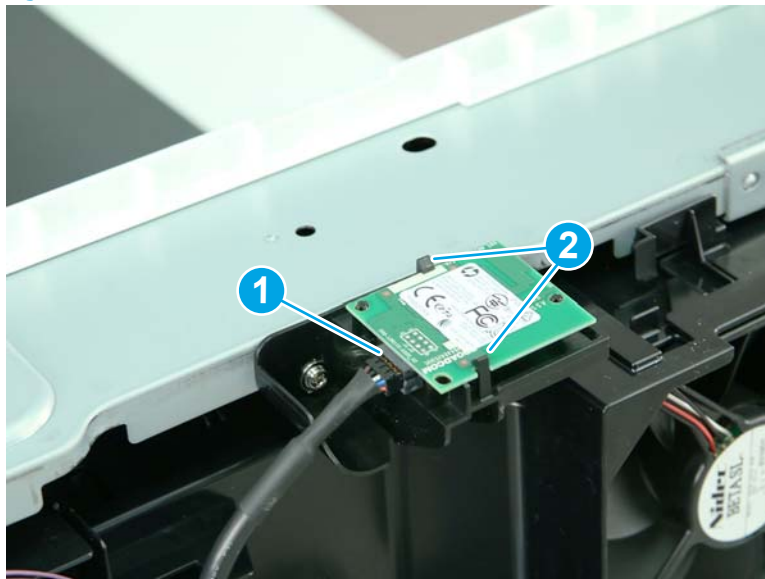
**Figure 1-503** Release five tabs



5. Remove the wireless PCA (M856/E85055)

- ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the wireless pca


**Figure 1-504** Remove the wireless PCA



6. Unpack the replacement assembly.

- a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Wireless PCA (M776)

Learn how to remove and replace the wireless PCA.

 [View a video of how to remove and replace the wireless PCA.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-46** Part information

Part number	Part description
0960-3659	Wireless PCA board

### Required tools

- Small, flat-blade screwdriver
- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

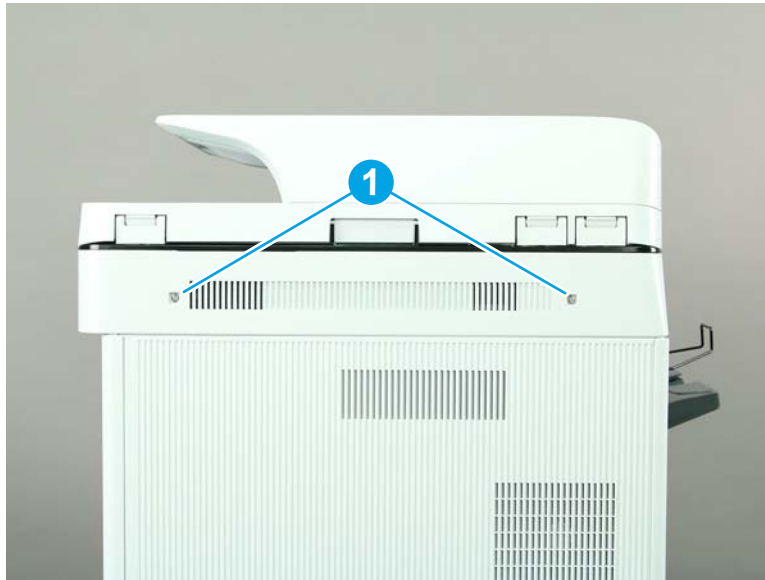
- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

Make sure that the printer initializes to a **Ready** state. Print a page to make sure that the printer is functioning correctly.

1. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

**Figure 1-505** Remove two screws



- b. Remove the SCB cover.

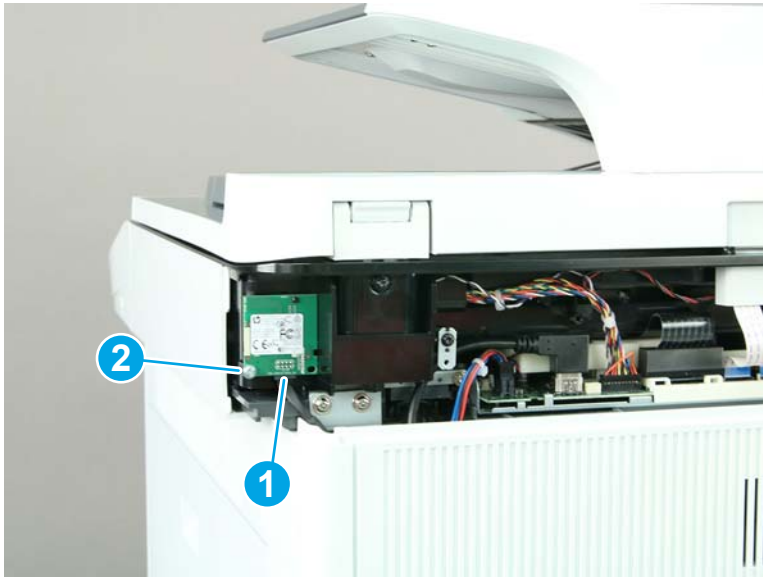
Figure 1-506 Remove the SCB cover



2. Remove the wireless PCA (M776)

- ▲ Disconnect one connector (callout 1), remove one screw (callout 2), and then remove the wireless pca

Figure 1-507 Remove the wireless PCA



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Communication PCA (M776)

Learn how to remove and replace the communication PCA.


Mean time to repair: 4 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-47 Part information

Part number	Part description
RM3-7341-000CN	Communication PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

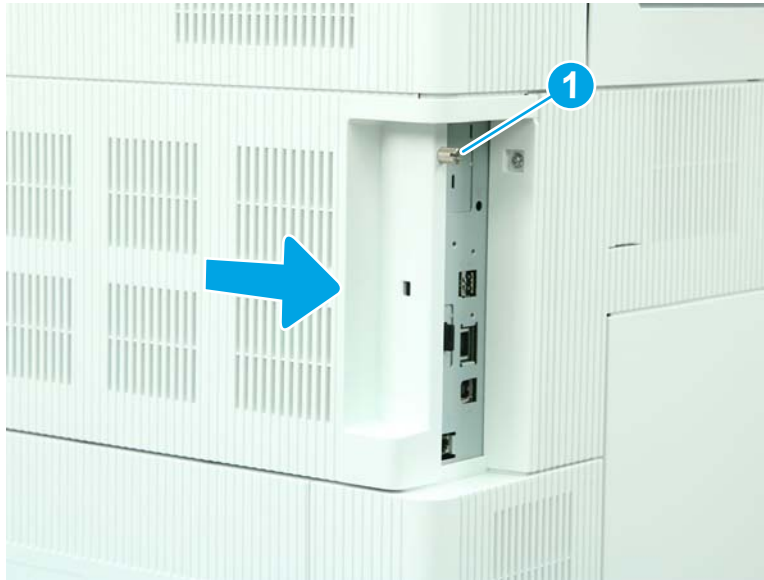
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

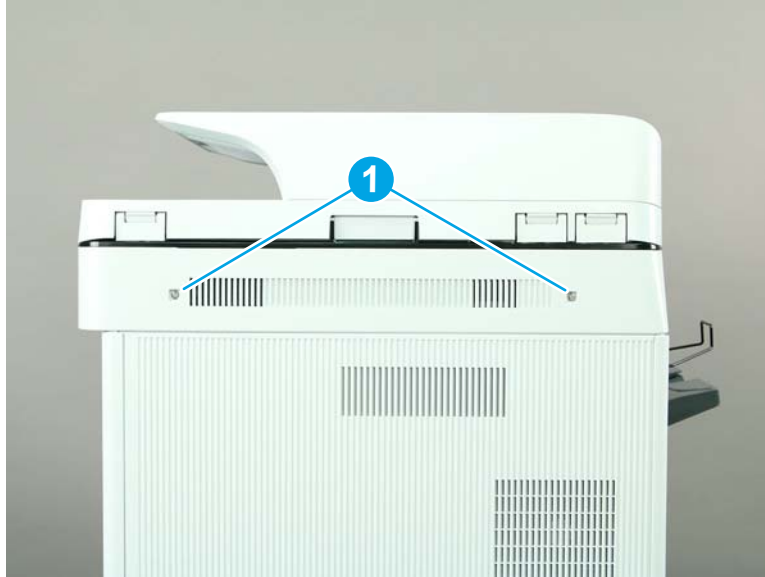
**Figure 1-508** Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).



Figure 1-509 Remove two screws



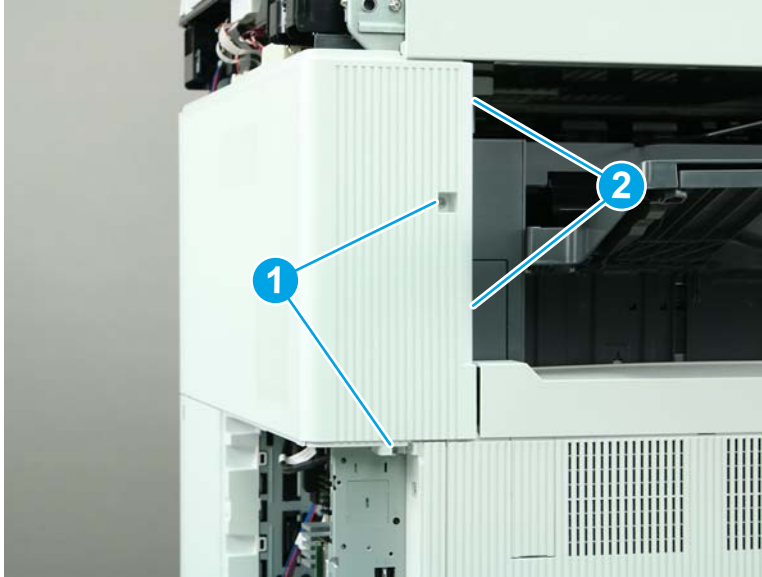
- b. Remove the SCB cover.

Figure 1-510 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-511 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-512 Remove the rear upper and left rear upper cover



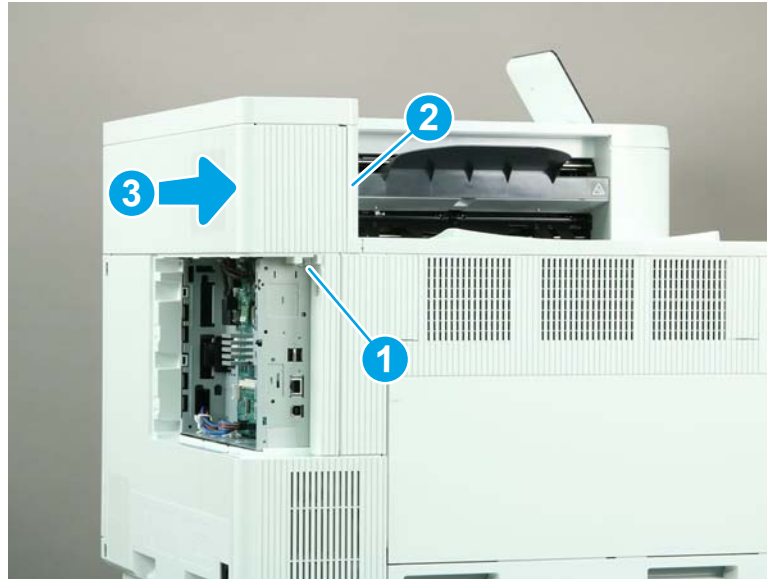
- 4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

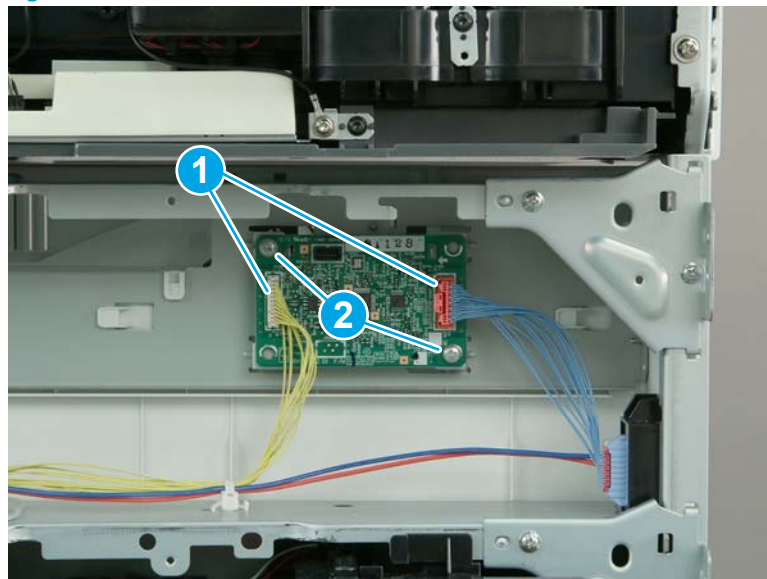
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-513 Remove the rear upper cover




5. Remove the communication PCA (M776).
  - ▲ Disconnect two connectors (callout 1), and the remove two screws (callout 2). Remove the communication PCA.

Figure 1-514 Remove the communication PCA



6. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---



 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

---

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Duplexing controller PCA (M856/E85055/M776)

Learn how to remove and replace the duplexing controller PCA.

 [View a video of how to remove and replace the duplexing controller PCA.](#)

Mean time to repair: 5 minutes


Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-48** Part information

Part number	Part description
RM3-7380-000CN	Duplexing controller PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

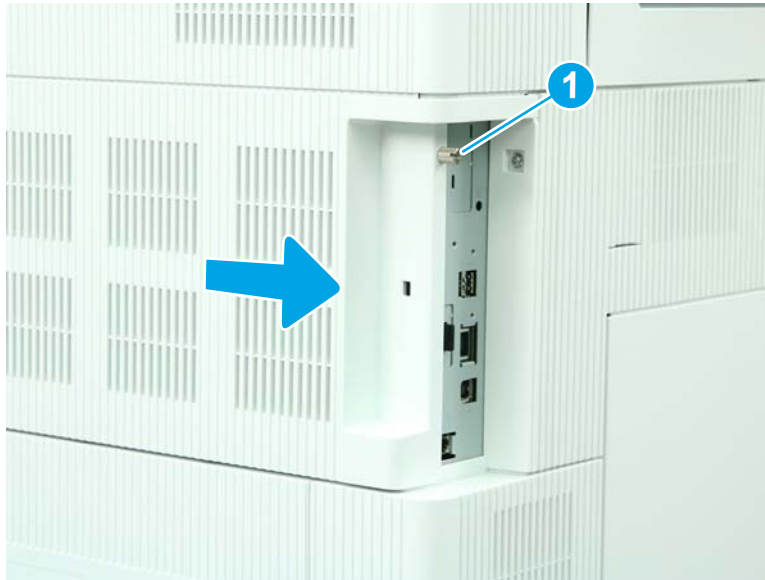
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

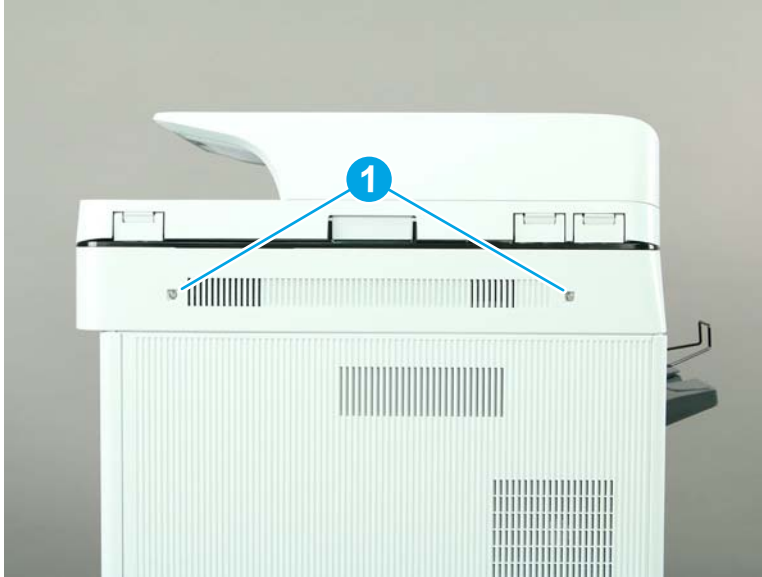
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-515** Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-516 Remove two screws



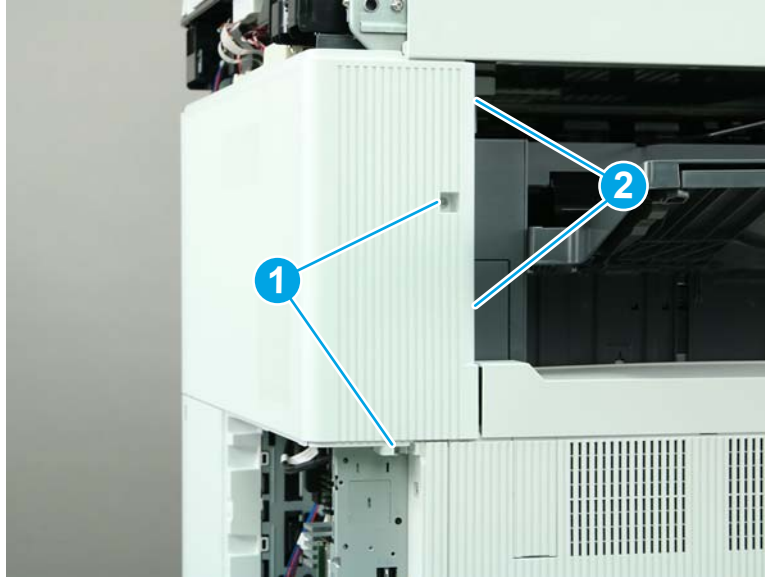
- b. Remove the SCB cover.

Figure 1-517 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-518** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-519** Remove the rear upper and left rear upper cover

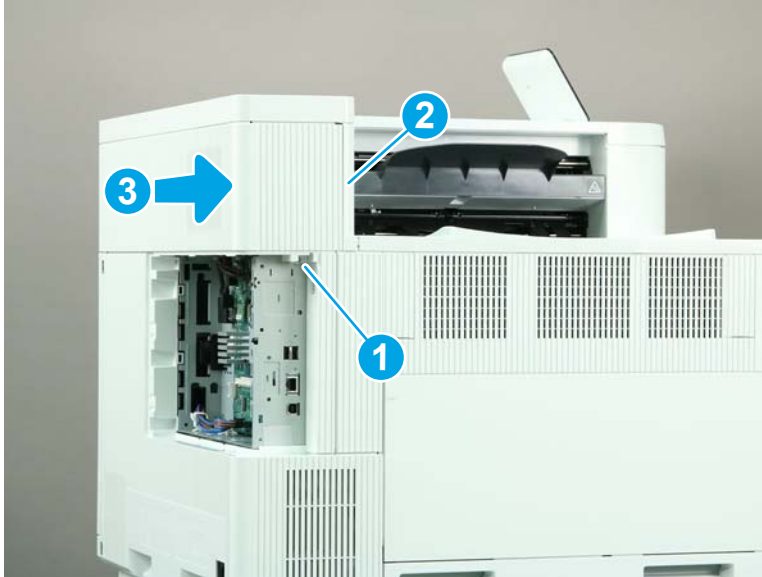


- 4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

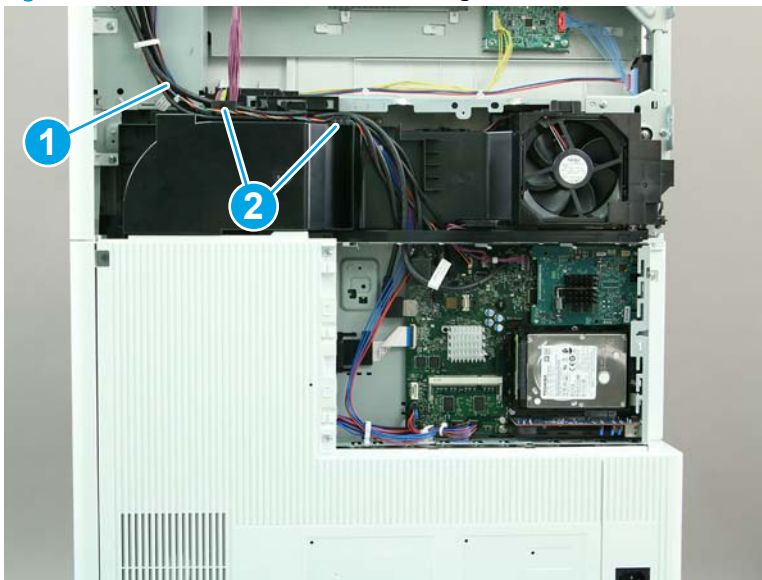
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-520 Remove the rear upper cover



5. Remove the duplexing controller PCA (M856/E85055/M776).
  - a. Release the cables (callout 1) from the guides (callout 2).

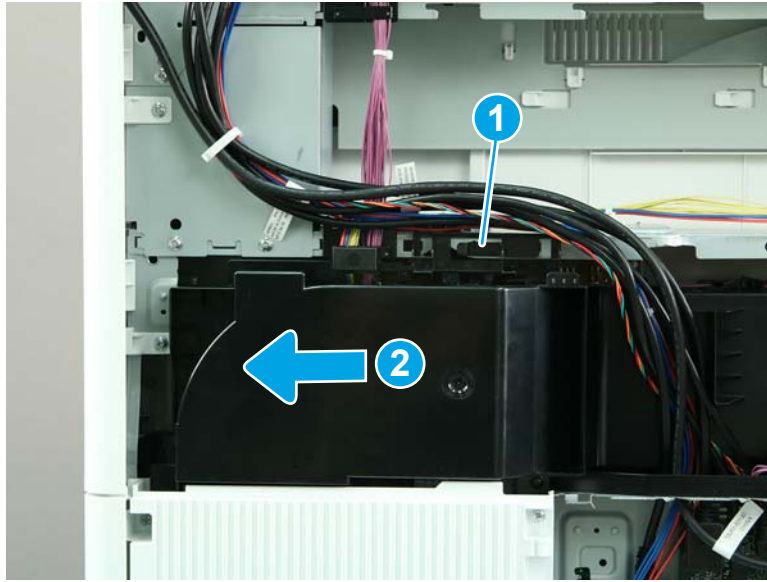
Figure 1-521 Release the cables from the guides





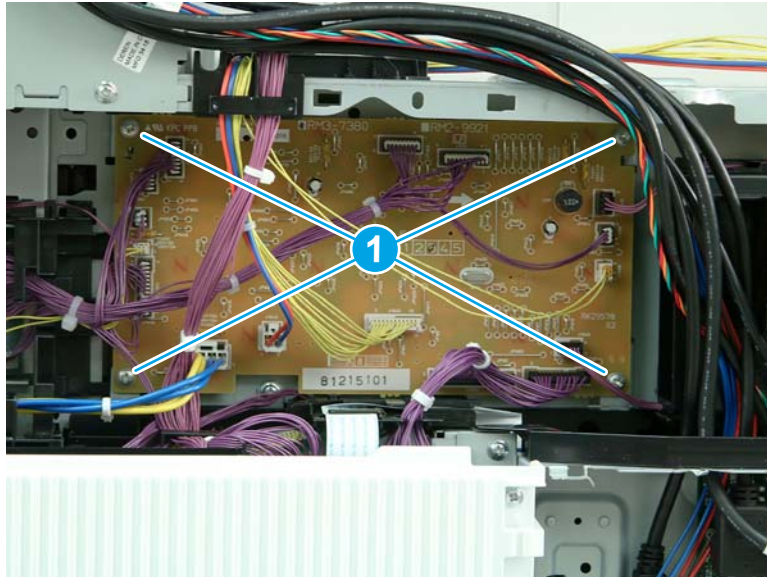
- b. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-522 Remove the fan duct




- c. Disconnect all of the connectors on the duplexing controller PCA. Remove four screws (callout 1), and then remove the duplexing controller PCA.

Figure 1-523 Remove the duplexing controller PCA



- 6. Unpack the replacement assembly.
  - a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Delivery assembly (M751/E75245)

Learn how to remove and replace the delivery assembly.

 [View a video of how to remove and replace the delivery assembly.](#)


Mean time to repair: 19 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-49** Part information

Part number	Part description
RM2-1498-000CN	Paper delivery assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

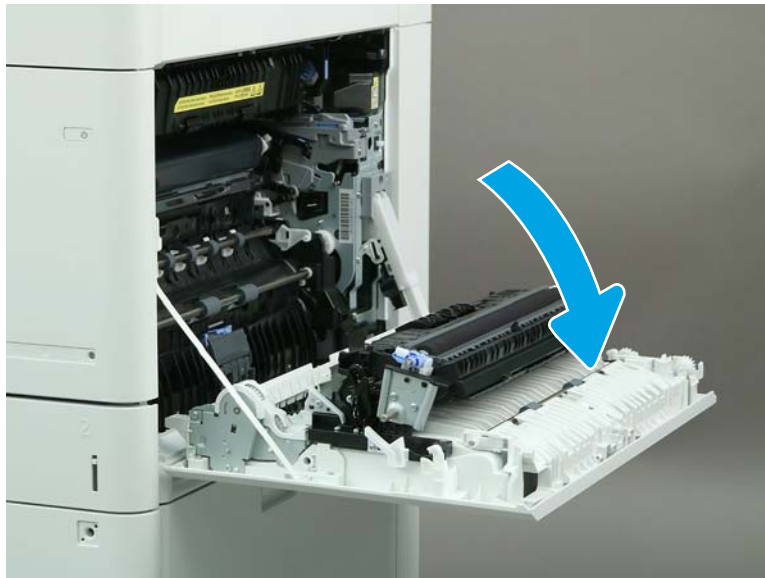
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

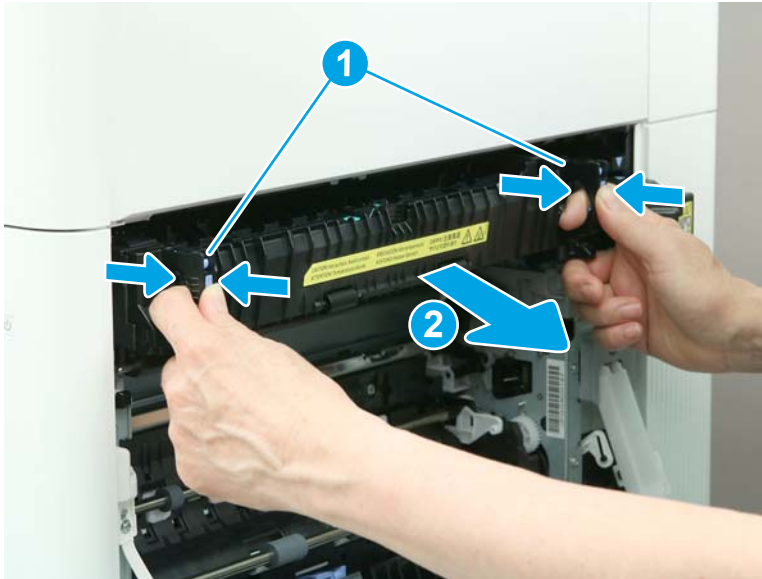
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-524** Open the right door



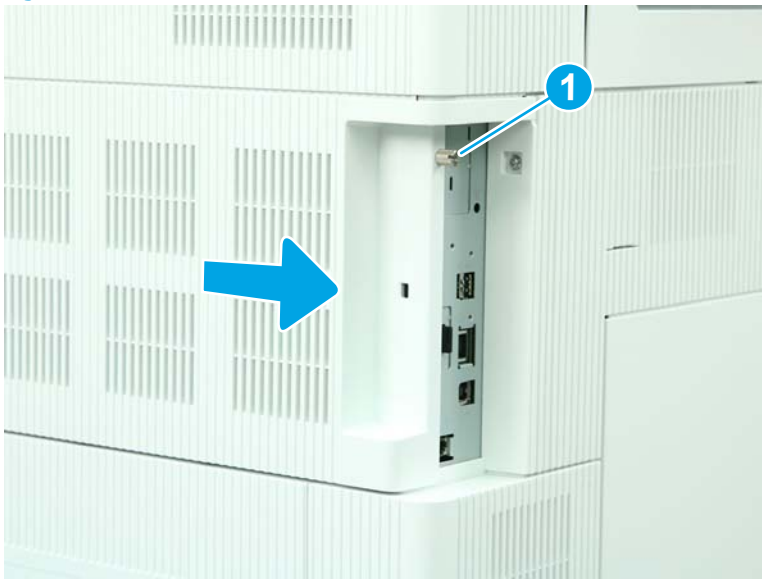
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

Figure 1-525 Remove the fuser



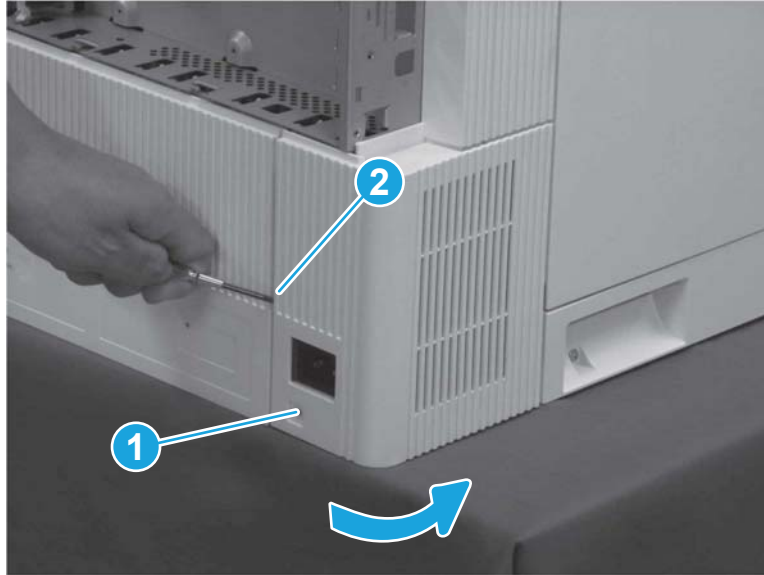
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-526 Remove the formatter cover



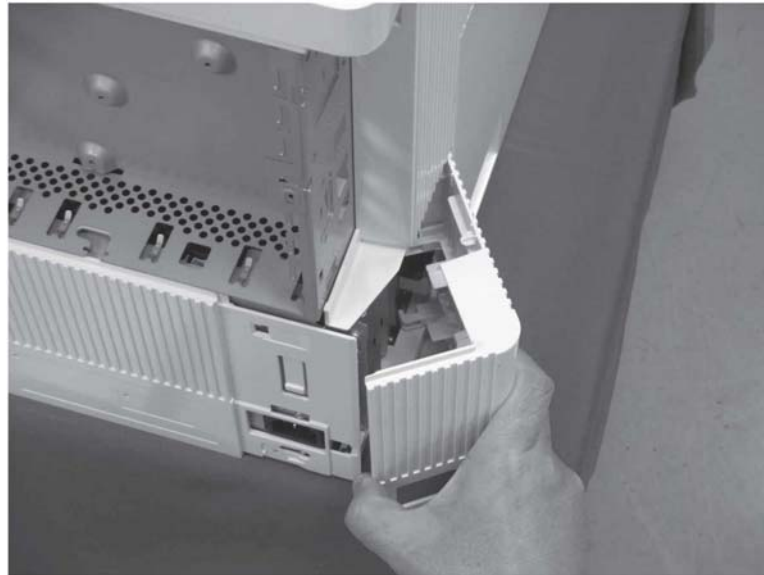
3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-527 Remove one screw and release one tab



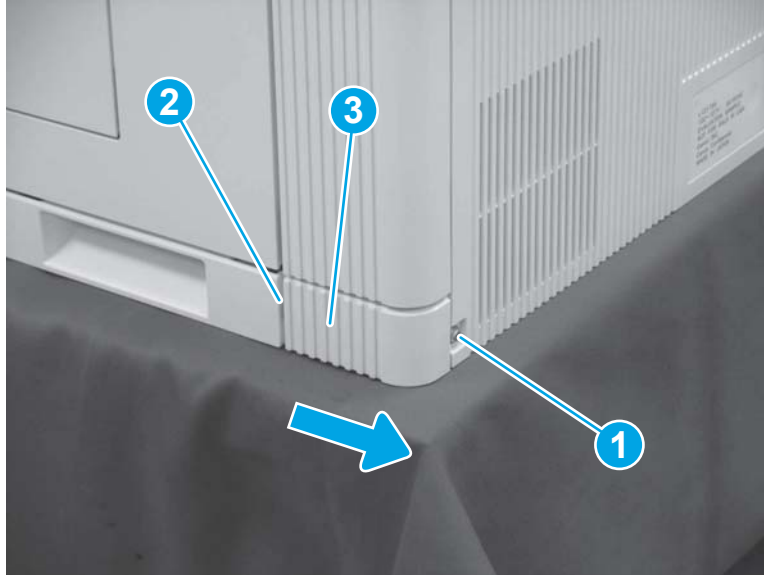
- b. Remove the left lower cover.

Figure 1-528 Remove the left lower cover



4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

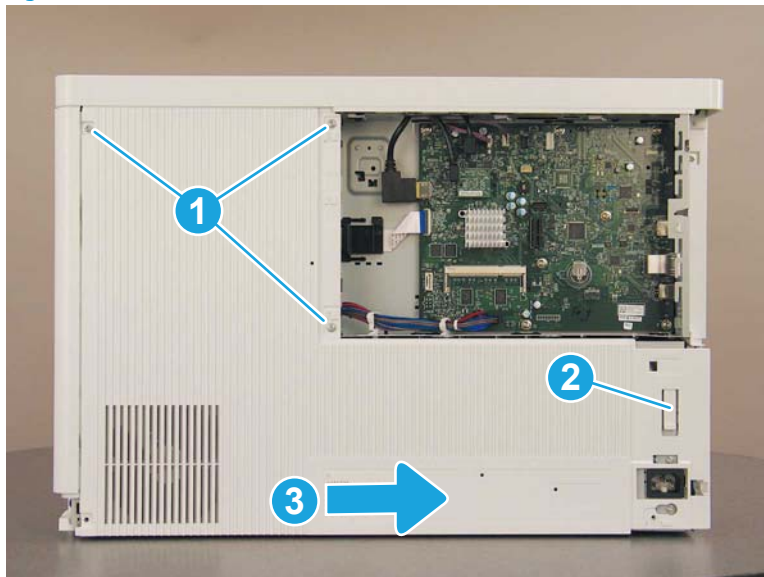
Figure 1-529 Remove the right rear lower cover




5. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-530 Remove the rear cover

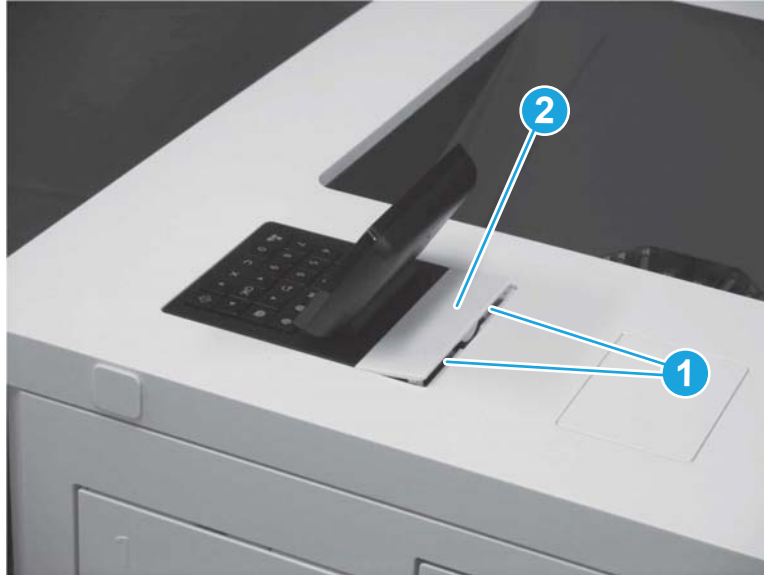


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-531 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-532 Remove one screw



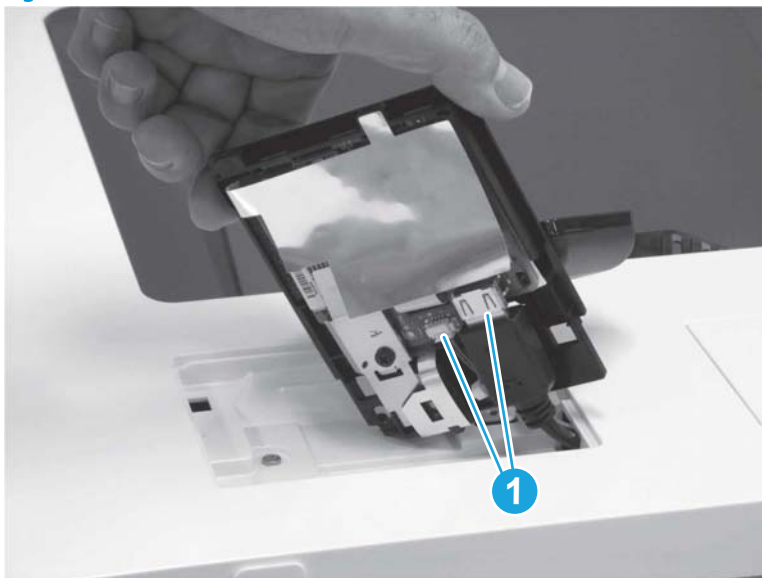
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-533** Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

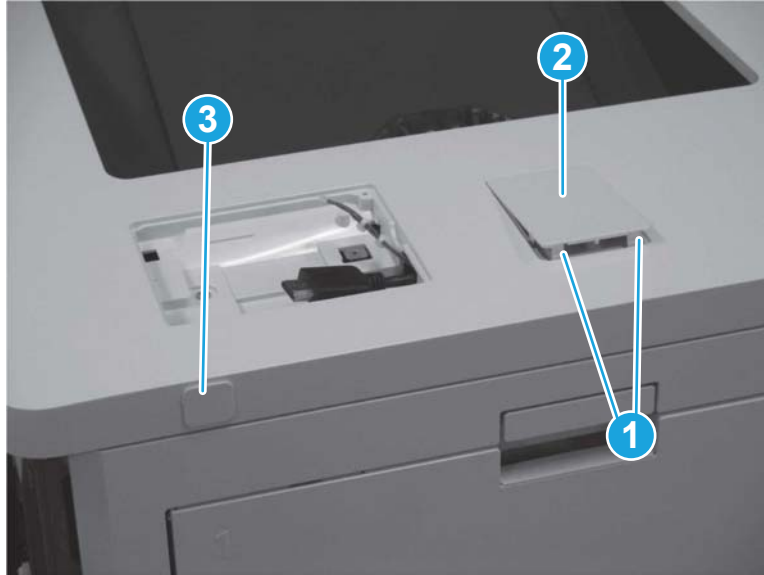
**Figure 1-534** Disconnect two connectors



7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

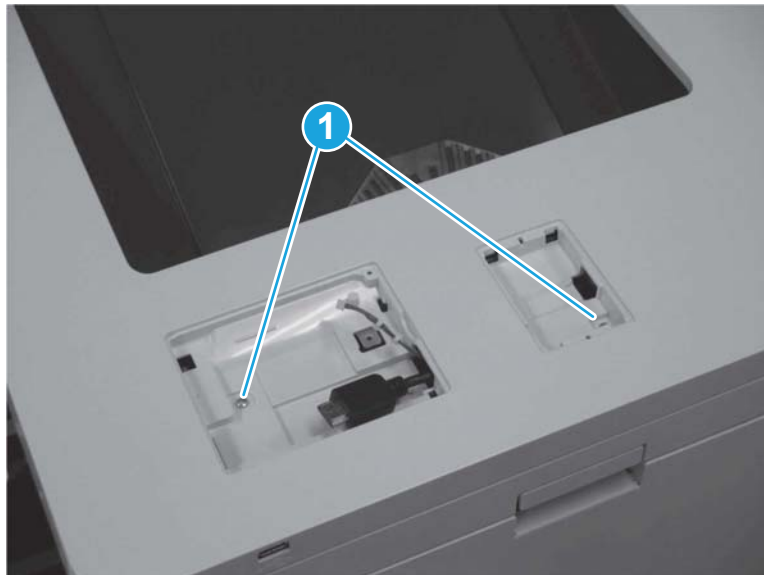


Figure 1-535 Remove the HIP cover and USB cap



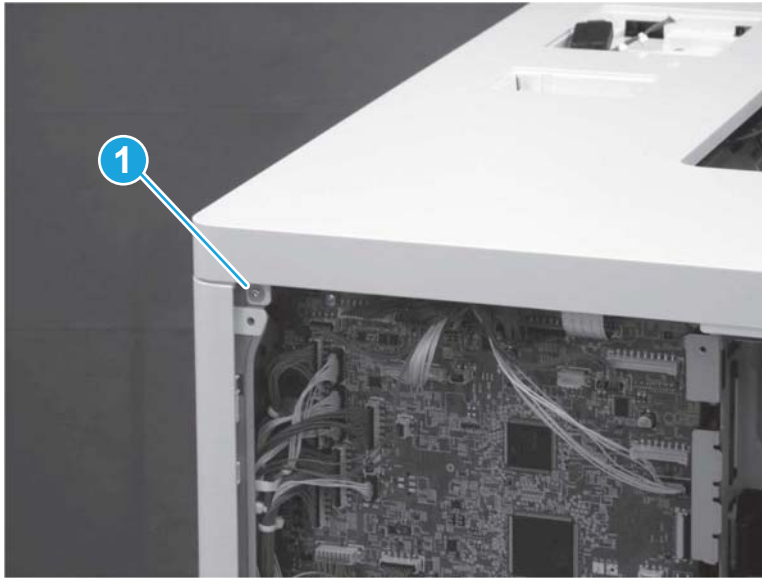
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-536 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-537 Remove one screw

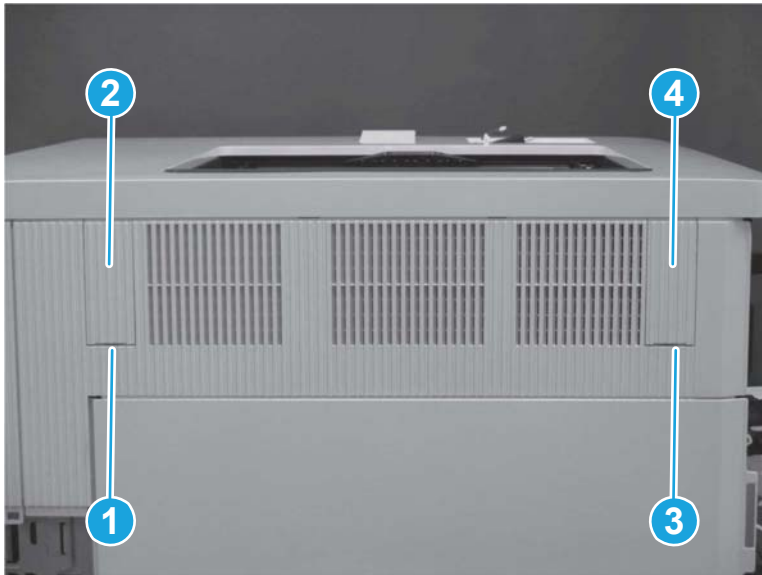


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

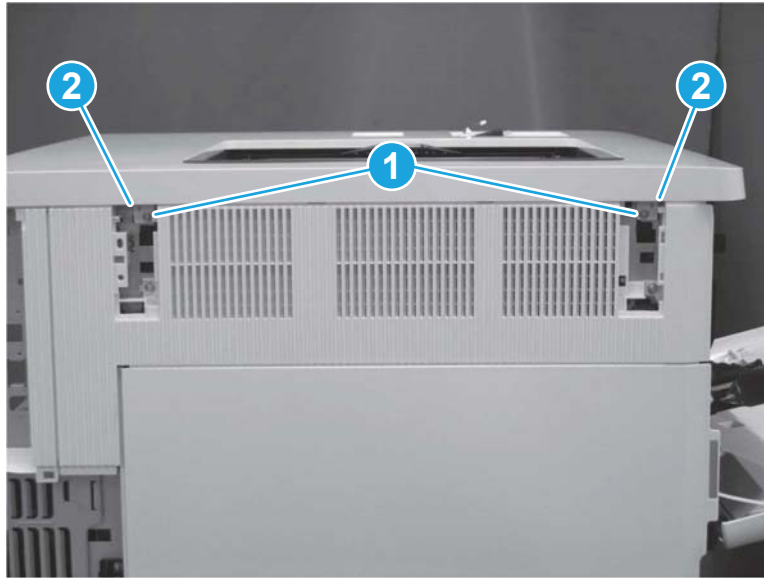
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

Figure 1-538 Remove the left and right blanking covers



- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-539 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


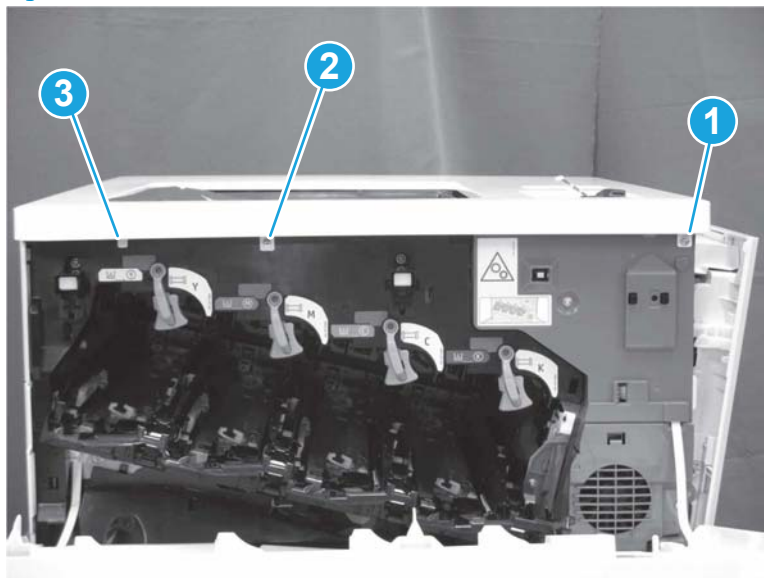
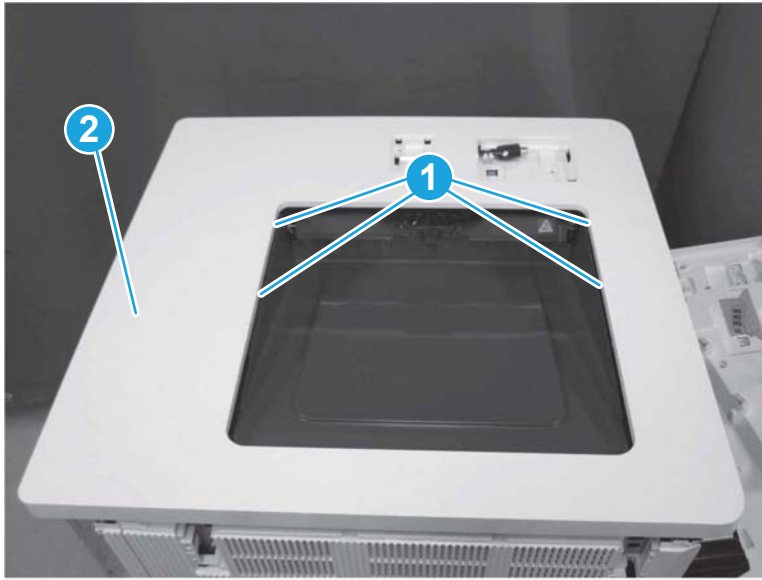
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


Figure 1-540 Remove two screws and release one tab

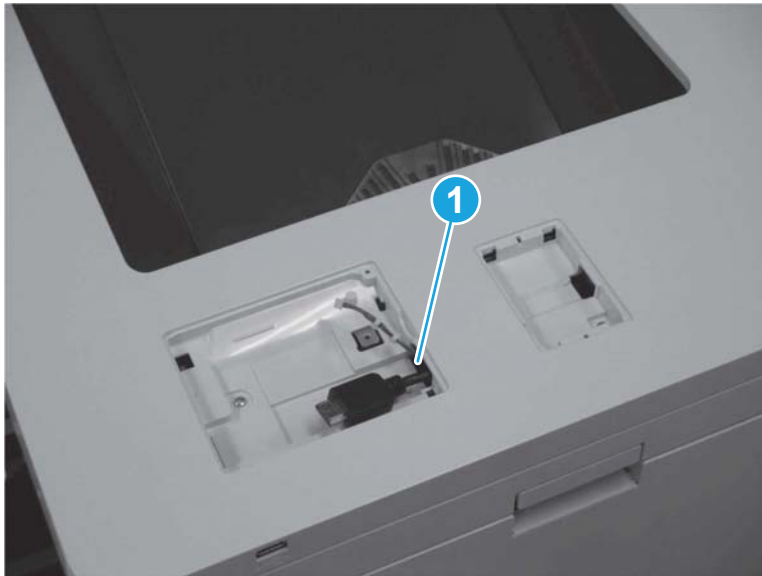


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-541 Remove the top cover



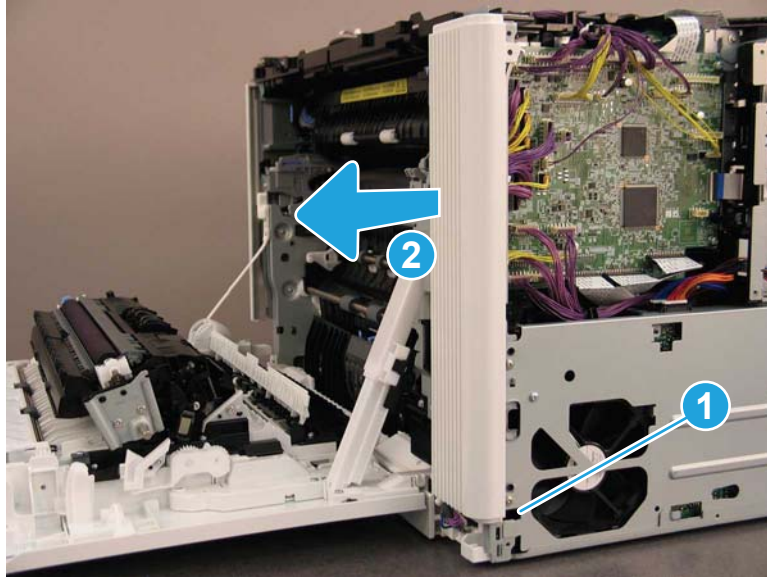
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the right rear cover (M751/E75245).

- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

Figure 1-542 Remove the right rear cover



9. Remove the output bin (M751/E75245).

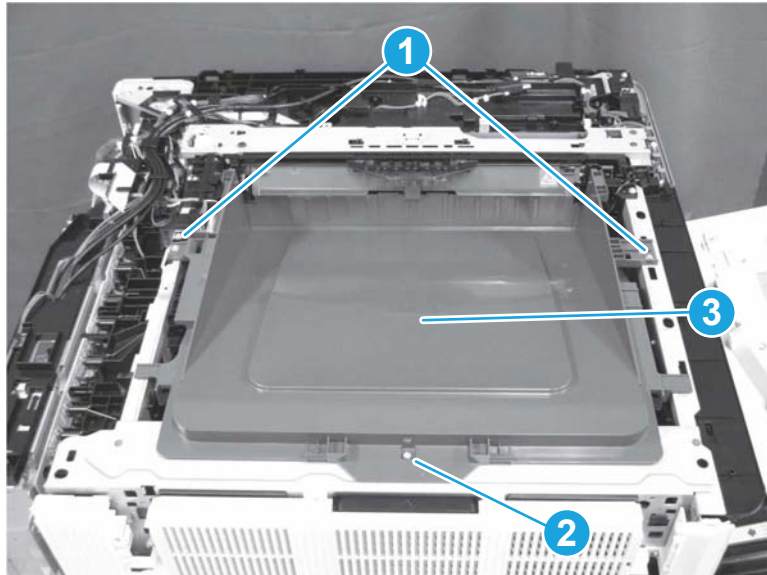
- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).

---

 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

---

Figure 1-543 Remove the output bin



10. Remove the delivery assembly.

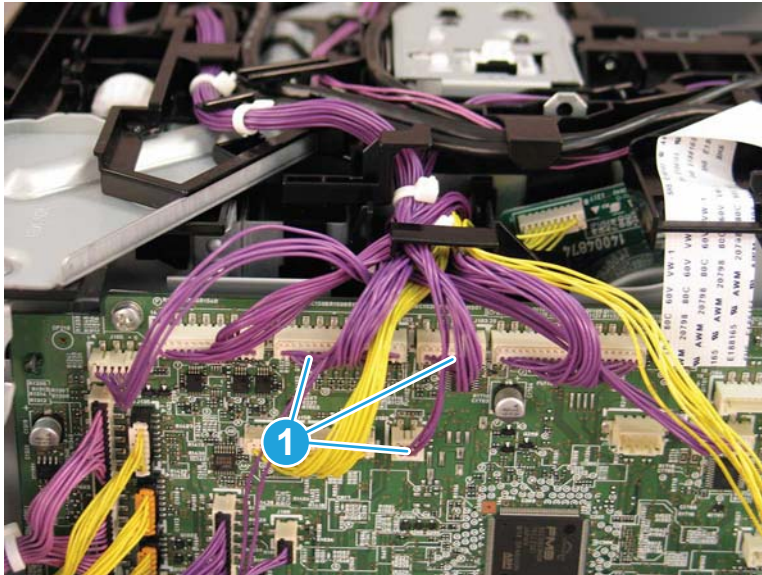
- a. Disconnect four connectors (callout 1) on the formatter board.

Figure 1-544 Disconnect four connectors



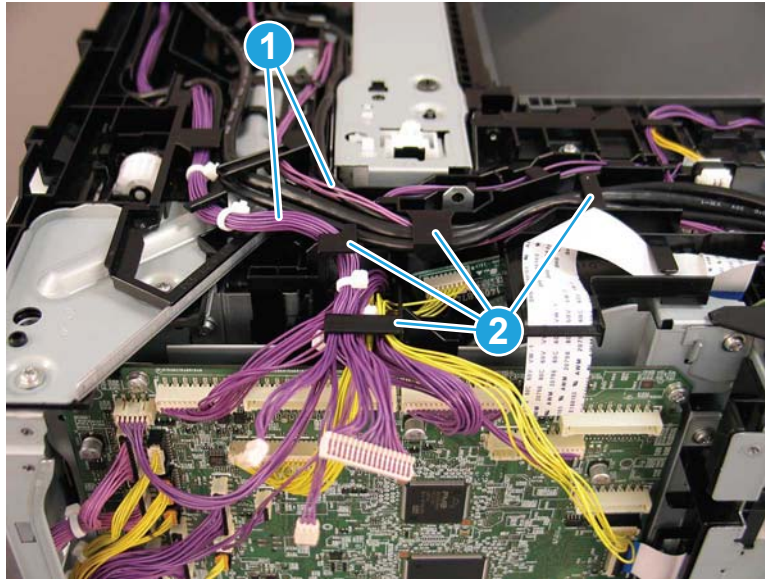
- b. Disconnect three connectors on the DC controller (callout 1), and then remove the cables (callout 2) from the guides (callout 3).

Figure 1-545 Disconnect three connectors



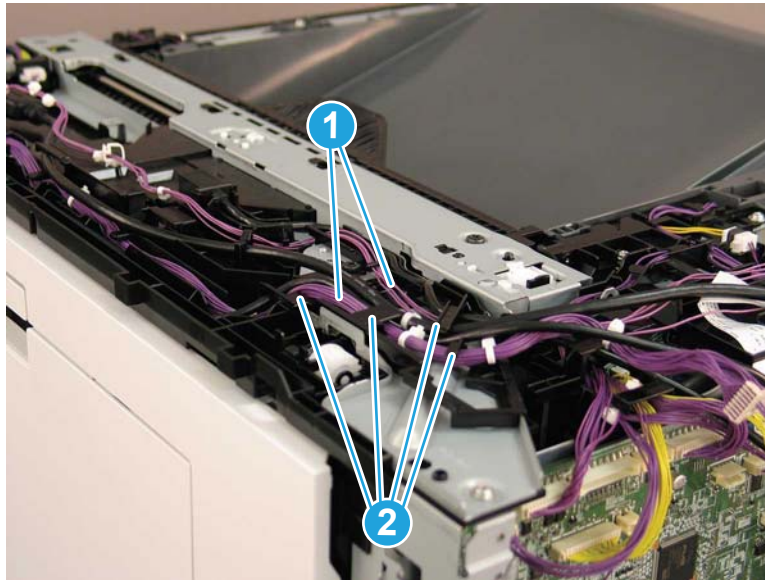
- c. Release the cables (callout 1) from the guides (callout 2).

Figure 1-546 Release the cables from the guides



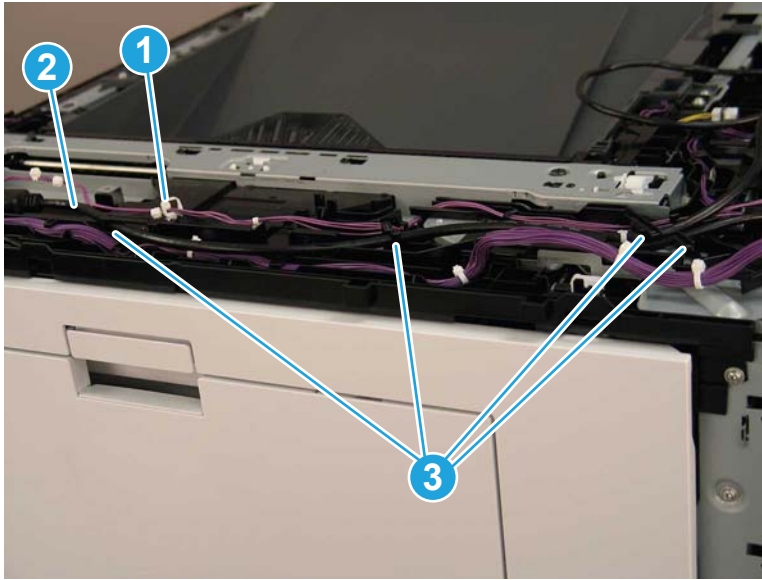
- d. Release the cables (callout 1) from the guides (callout 2).

Figure 1-547 Release the cables from the guides



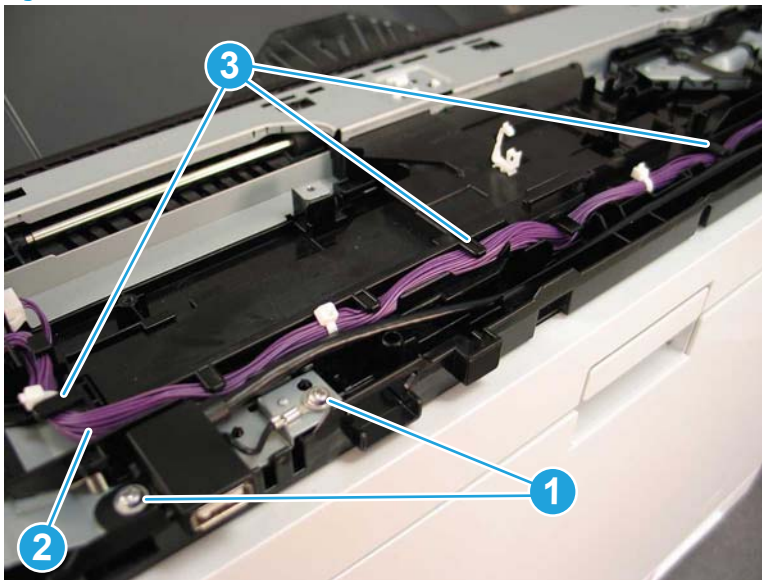
- e. Open one retainer (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-548 Release the cables from the guides



- f. Remove two screws (callout 1), and then release the cables (callout 2) from the guides (callout 3).

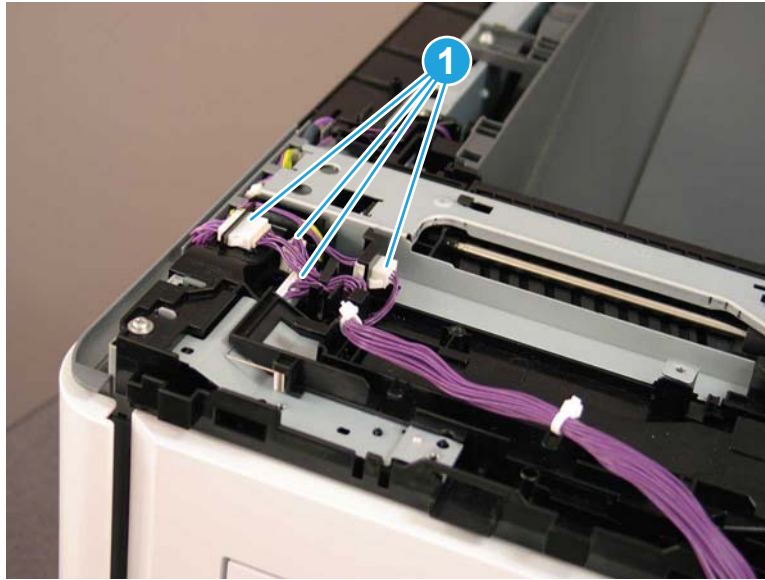
Figure 1-549 Remove two screws and release the cables





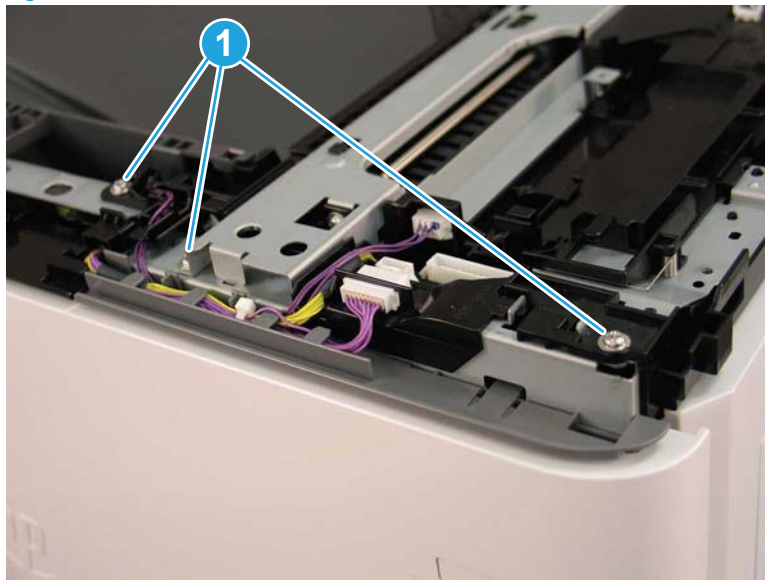
- g. Disconnect four connectors (callout 1).

Figure 1-550 Disconnect four connectors



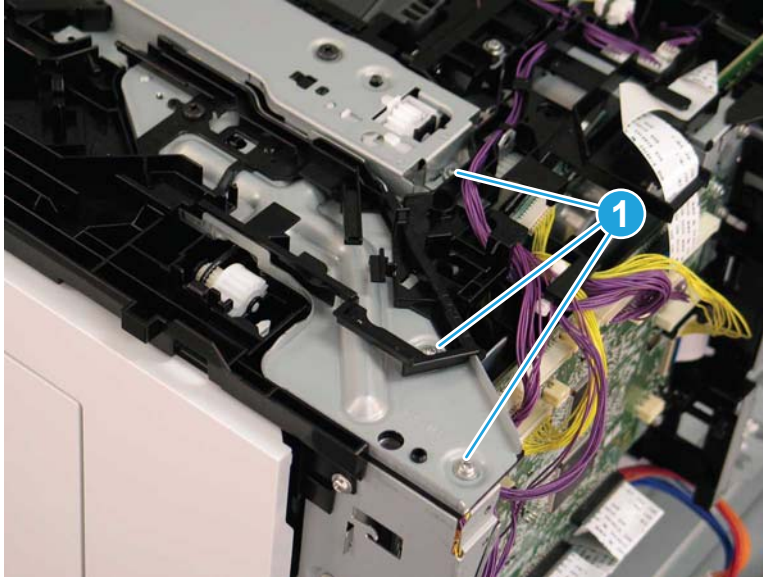
- h. Remove three screws (callout 1).

Figure 1-551 Remove three screws



- i. Remove three screws (callout 1).

Figure 1-552 Remove three screws



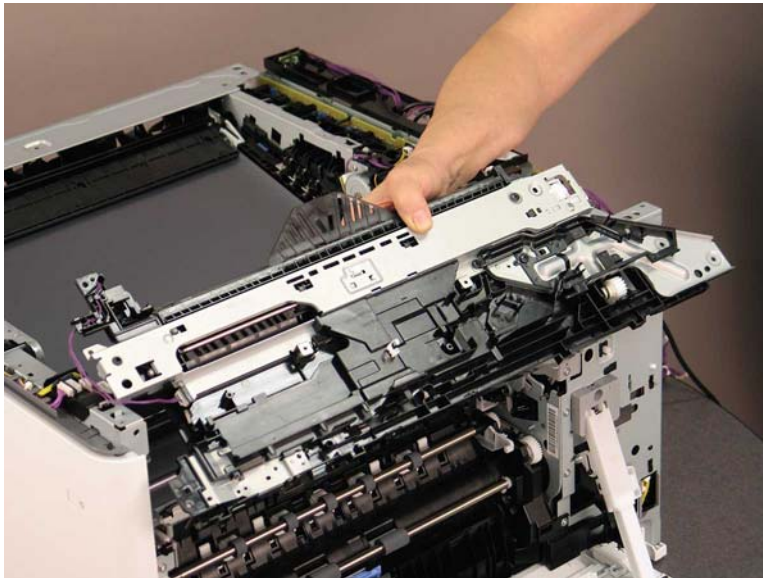
- j. Remove the duplex switchback assembly and the delivery assembly together.

---

**CAUTION:** The gears on the delivery assembly are not captive. Do not lose the gears when handling the assembly.

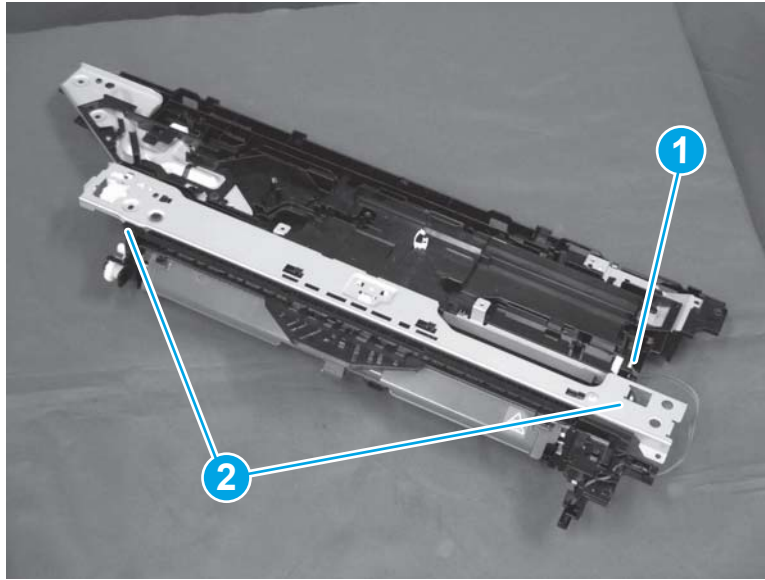
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Figure 1-553 Remove the duplex switchback assembly and delivery assembly




- k. Disconnect one connector (callout 1), and then remove two screws (callout 2).

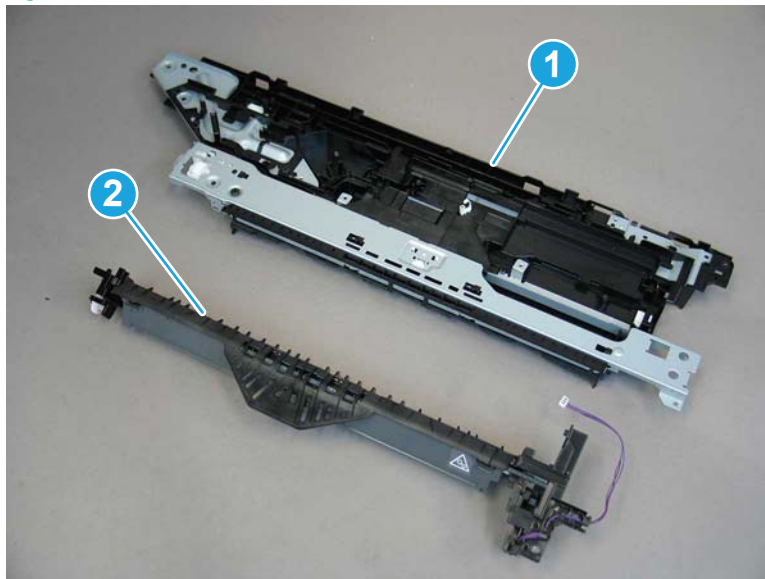
**Figure 1-554** Disconnect one connector and remove two screws



- l. Separate the duplex switchback assembly (callout 1) from the delivery assembly (callout 2).


 **NOTE:** Save the duplex switchback assembly and install it on the replacement delivery assembly.

**Figure 1-555** Separate the duplex switchback assembly from the delivery assembly



- 11. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Delivery assembly (M856/E85055)

Learn how to remove and replace the delivery assembly.


Mean time to repair: 17 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-50** Part information

Part number	Part description
RM2-1777-000CN	Paper delivery assembly

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

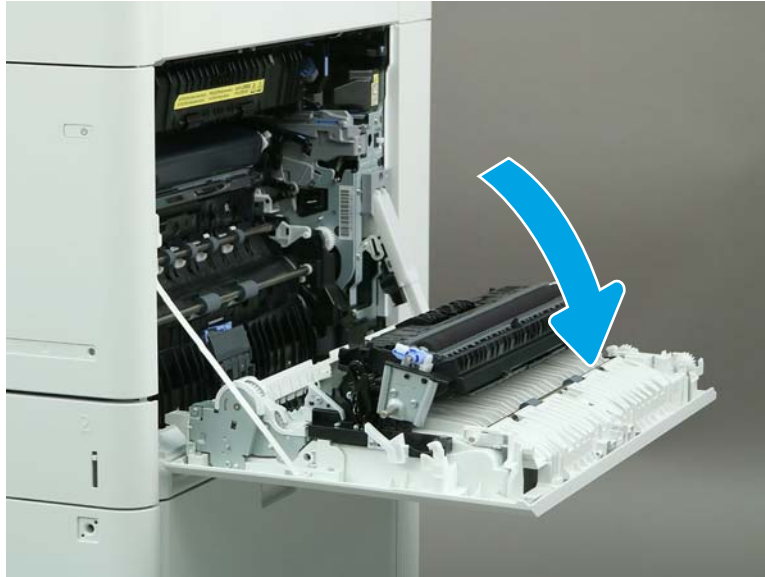
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

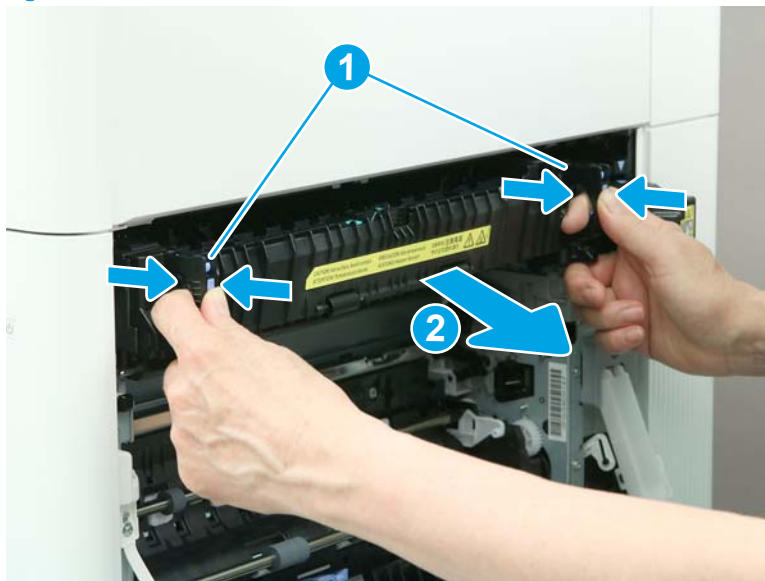
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-556** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

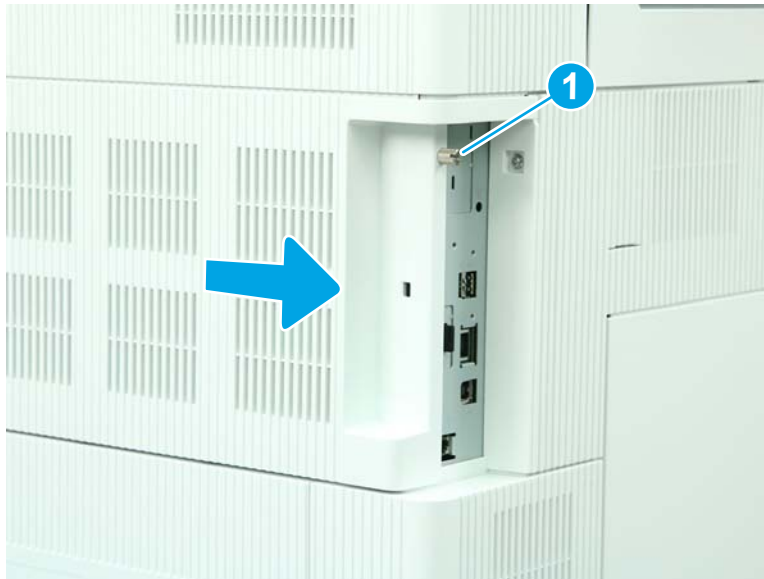
**Figure 1-557** Remove the fuser



2. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-558 Remove the formatter cover



3. Remove the rear upper cover (M856/E85055/M776dn/M776z).

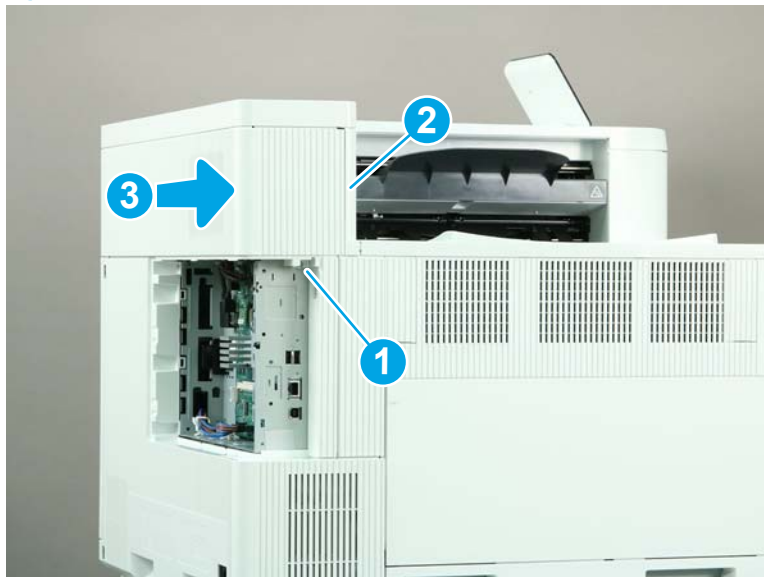
---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

---

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-559 Remove the rear upper cover



4. **M856/E85055 only:** Remove the control panel and top cover.

---

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

---

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

**Figure 1-560** Remove the control panel cover



- b. Remove one screw (callout 1).

**Figure 1-561** Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-562 Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

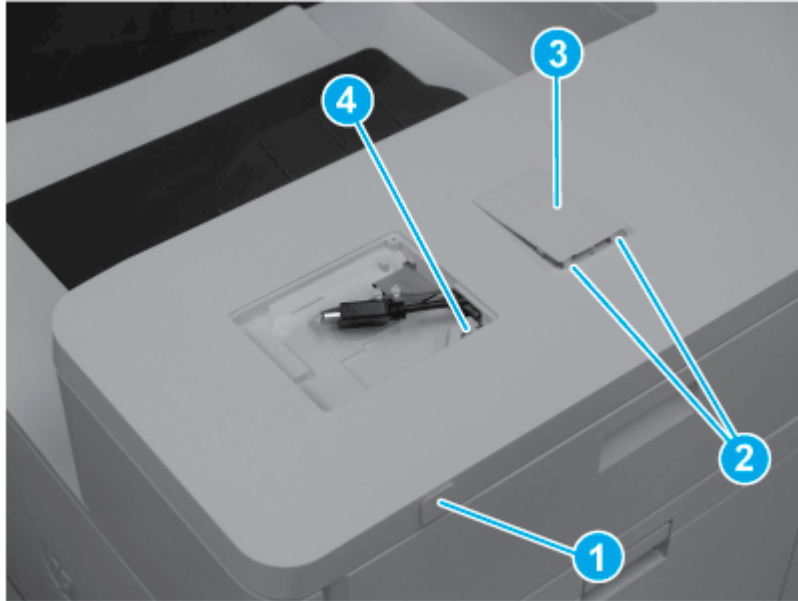
Figure 1-563 Disconnect two connectors





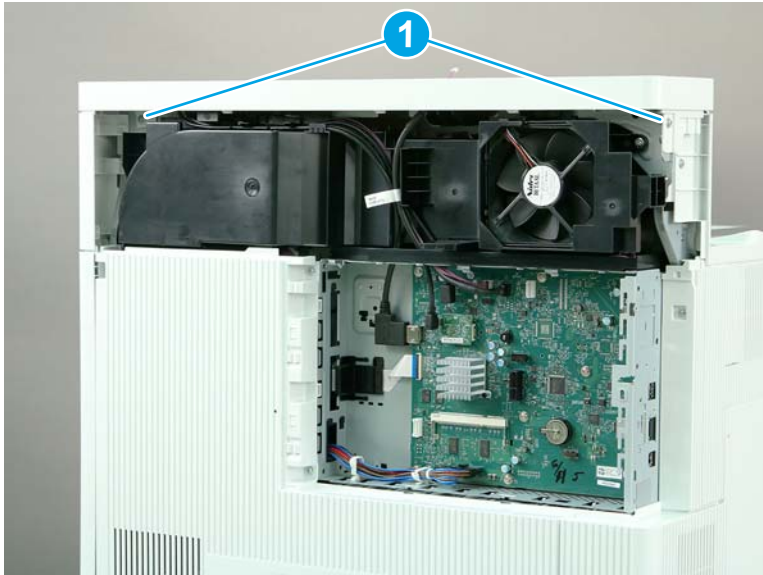
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-564 Remove covers and one screw



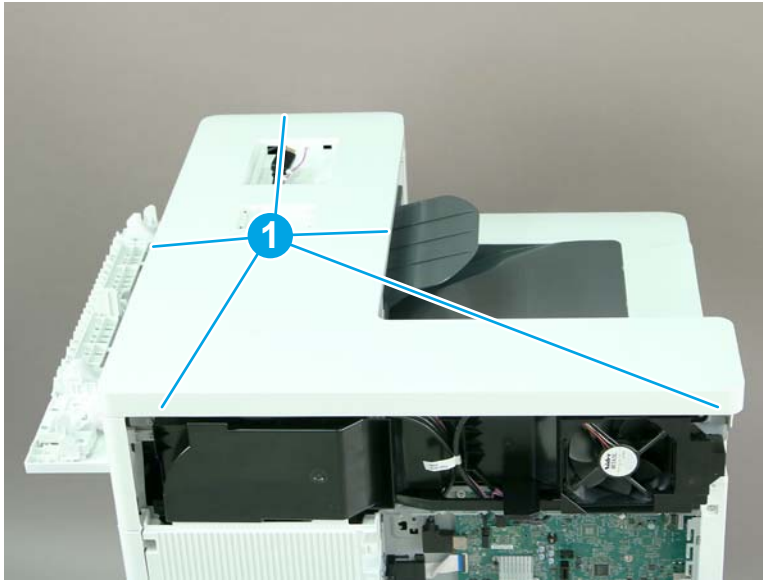
- f. Remove two screws (callout 1).

Figure 1-565 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

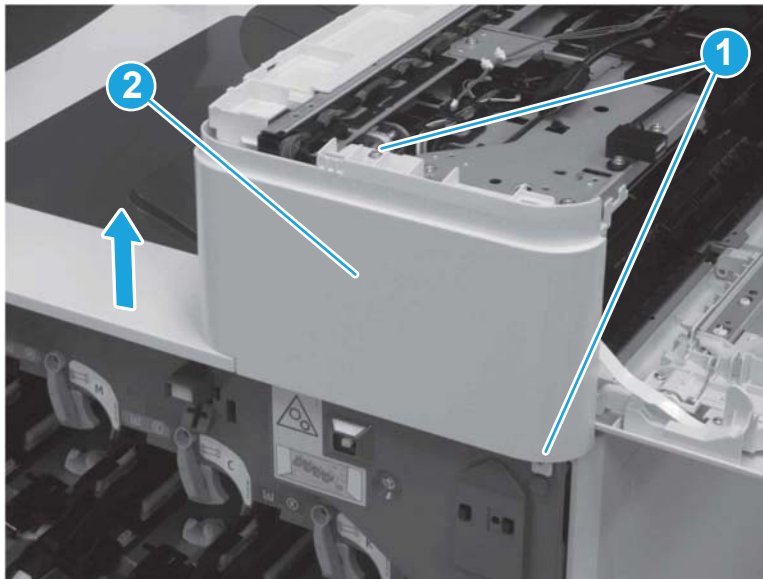
Figure 1-566 Release five tabs



5. Remove the right front cover (M856/E85055/M776dn/M776z).

- ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

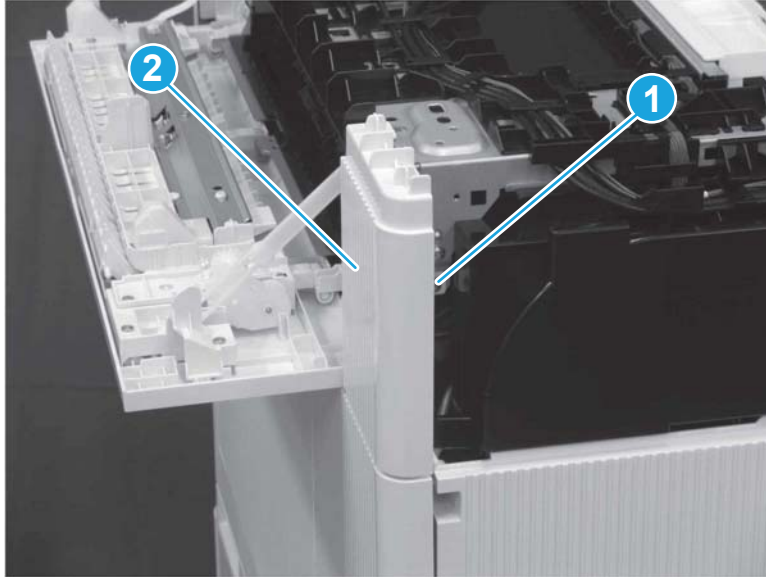
Figure 1-567 Remove the right front cover



6. Remove the right rear upper cover (M856/E85055/M776dn/M776z)

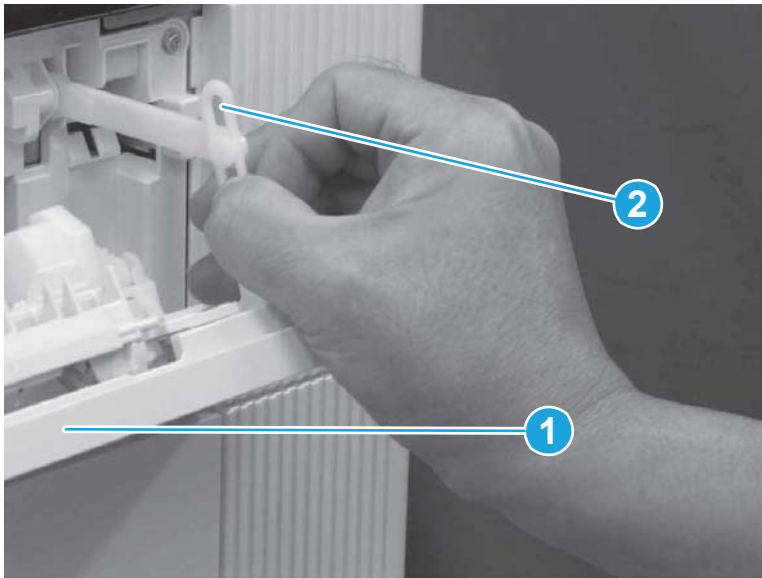
- ▲ Remove one screw (callout 1), and then slide the right rear upper cover (callout 2) away from the printer to remove it.

Figure 1-568 Remove the right rear upper cover



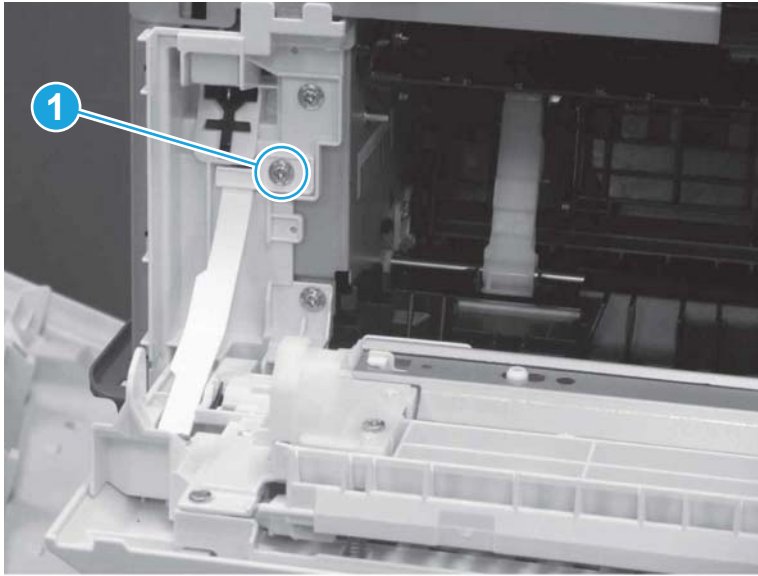
7. Remove the right upper door (M856/E85055/M776dn/M776z)
  - a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-569 Open the door and release the link



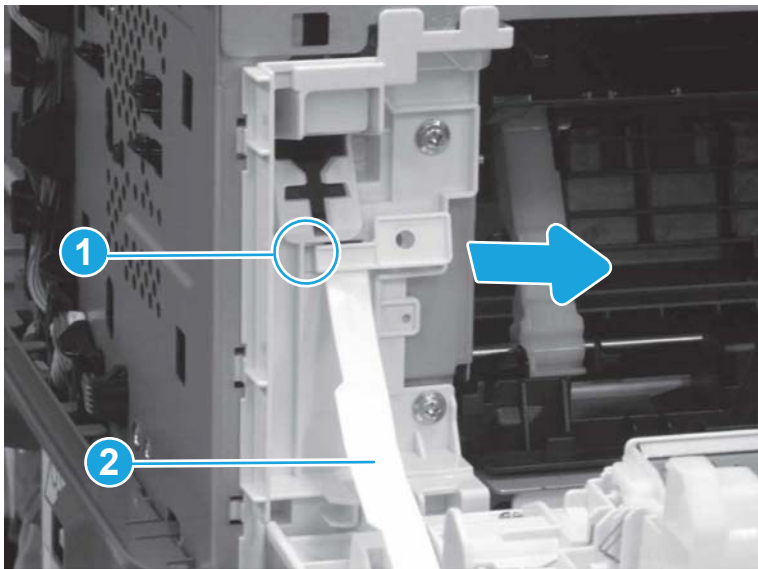
- b. Remove one screw (callout 1).

Figure 1-570 Remove one screw



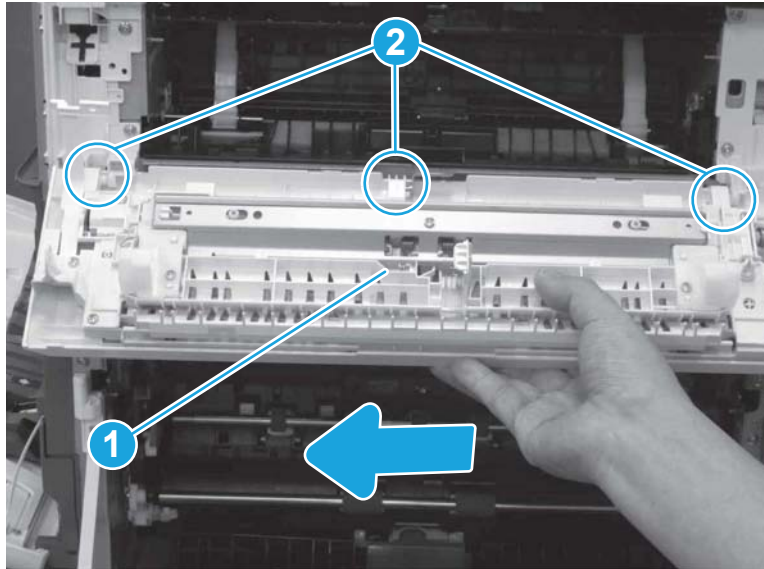
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-571 Release one boss and hinge



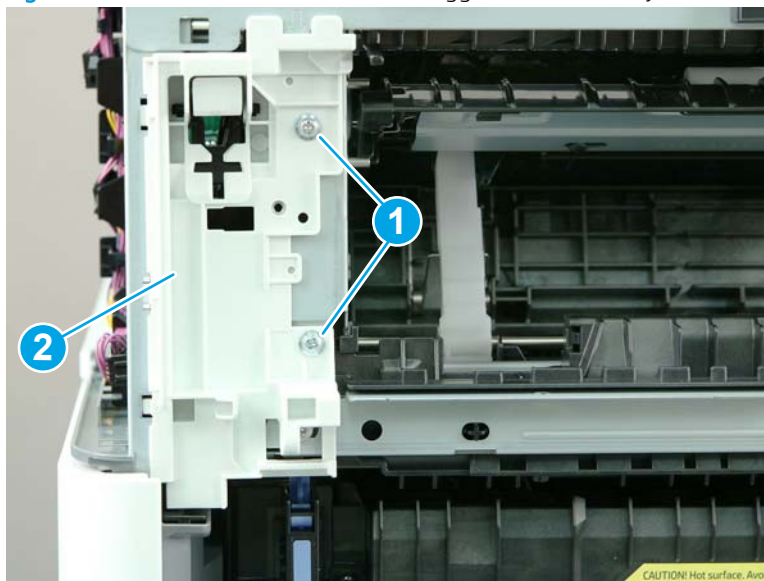
- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-572 Remove the right upper door




- 8. Remove the delivery assembly (M856/E85055/M776dn/M776z).
  - a. Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

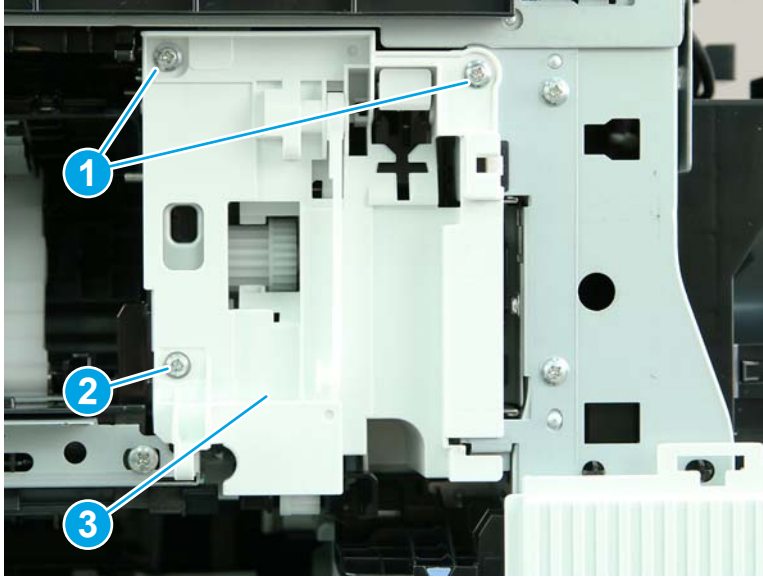
Figure 1-573 Remove two screws and toggle front assembly (M856/E85055/M776dn/M776z)



- b. Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3).

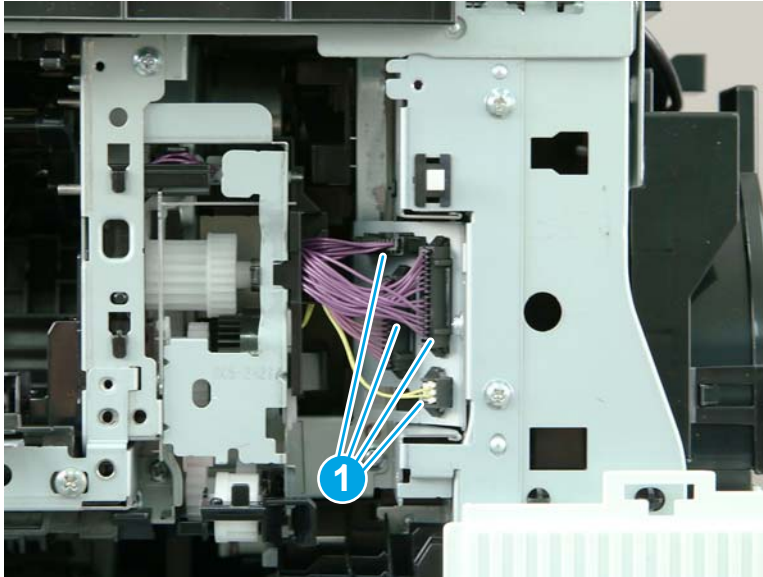
 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

**Figure 1-574** Remove three screws and toggle rear assembly (M856/E85055/M776dn/M776z)




- c. Disconnect four connectors (callout 1).

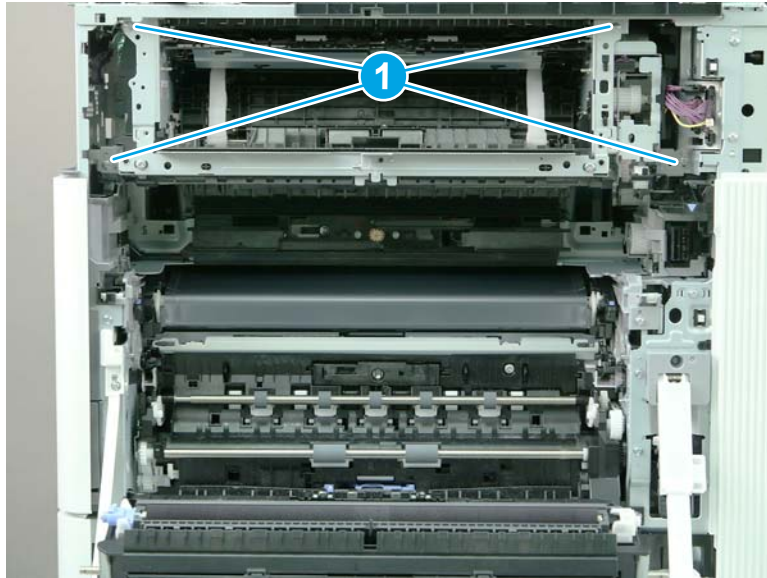
**Figure 1-575** Disconnect four connectors (M856/E85055/M776dn/M776z)



- d. Remove four screws (callout 1).

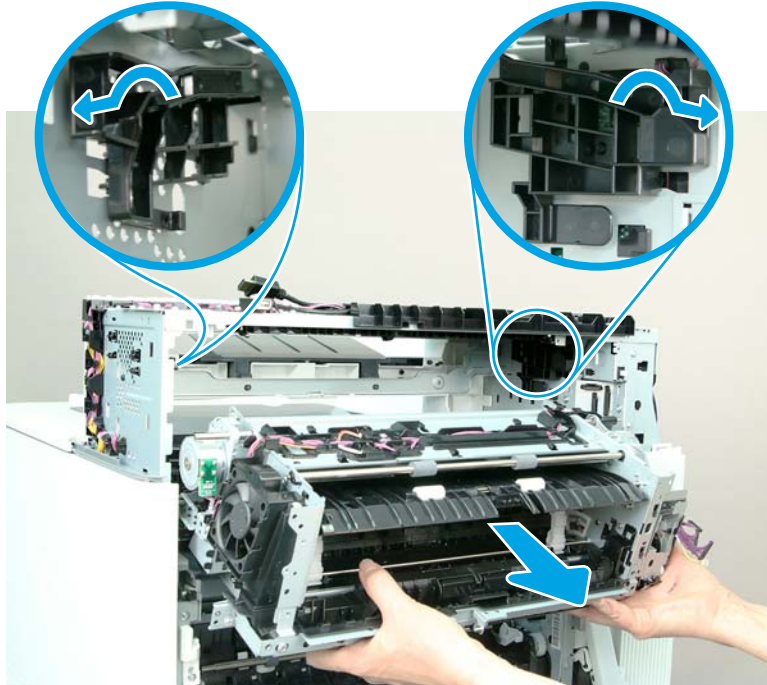
 **NOTE:** The lower screws are shorter than the upper screws. Make sure to reinstall them in the correct position.

**Figure 1-576** Remove four screws (M856/E85055/M776dn/M776z)




- e. Slide the delivery assembly away from the printer, and then lift up and out to release the posts from the tracks.

**Figure 1-577** Remove the delivery assembly (M856/E85055/M776dn/M776z)



- 9. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

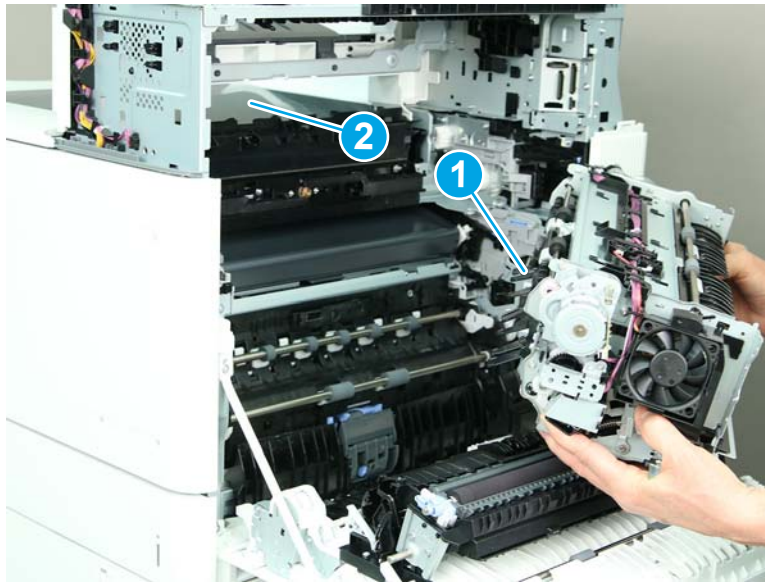
---

10. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the delivery assembly (M856/E85055/M776dn/M776z).**

1. When reinstalling the delivery assembly, make sure that the flap (callout 1) on the delivery assembly goes through the opening (callout 2) in the cover.

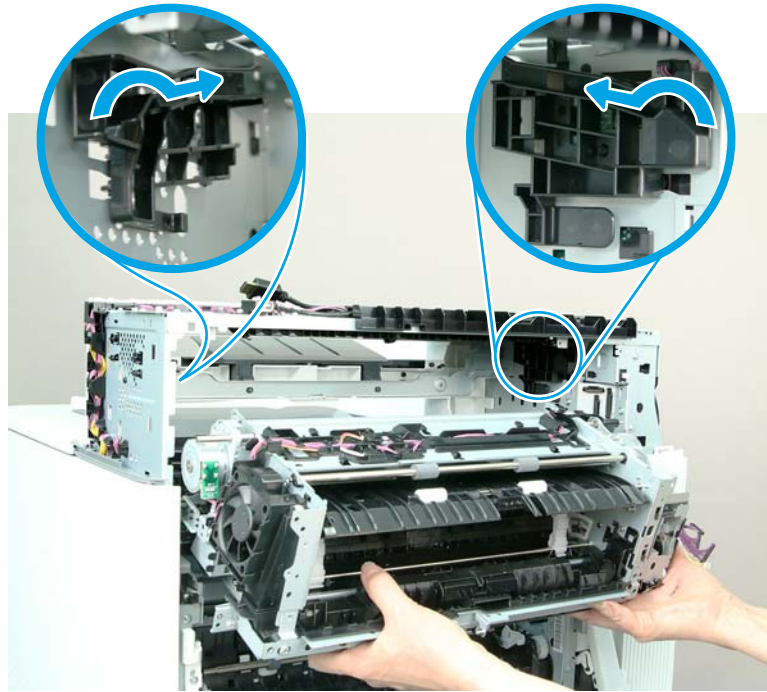
**Figure 1-578** Install the flap through the opening (M856/E85055/M776dn/M776z)





2. When reinstalling the delivery assembly, position the posts on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the posts in the tracks.

**Figure 1-579** Install the delivery assembly (M856/E85055/M776dn/M776z)



### Removal and replacement: Delivery assembly (M776dn/M776z)

Learn how to remove and replace the delivery assembly.

 [View a video of how to remove and replace the delivery assembly.](#)


Mean time to repair: 17 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-51** Part information

Part number	Part description
RM2-1777-000CN	Paper delivery assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

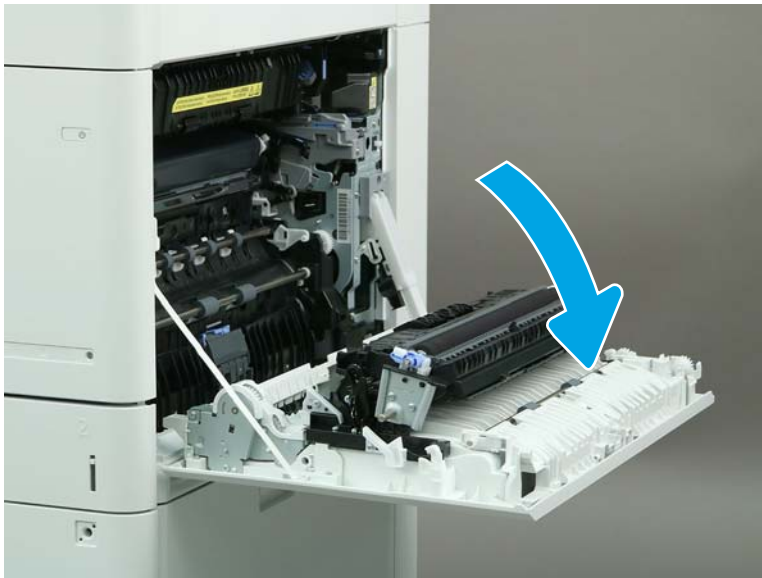
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

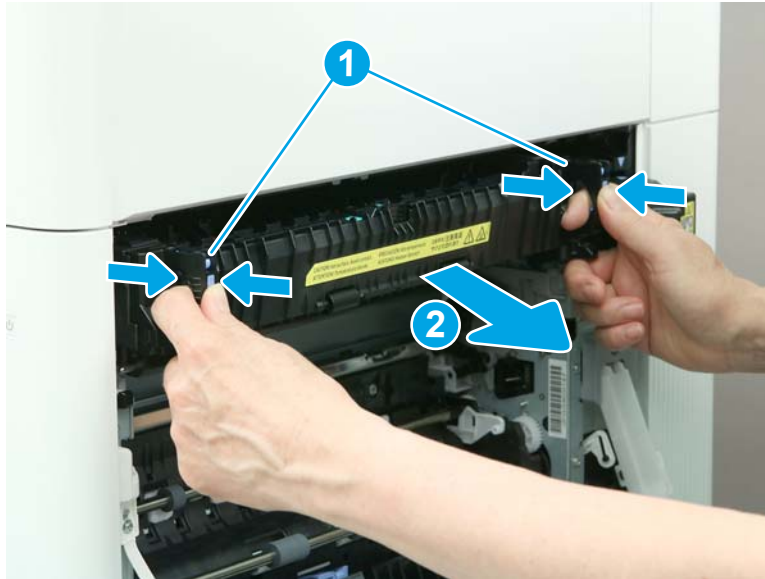
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-580** Open the right door



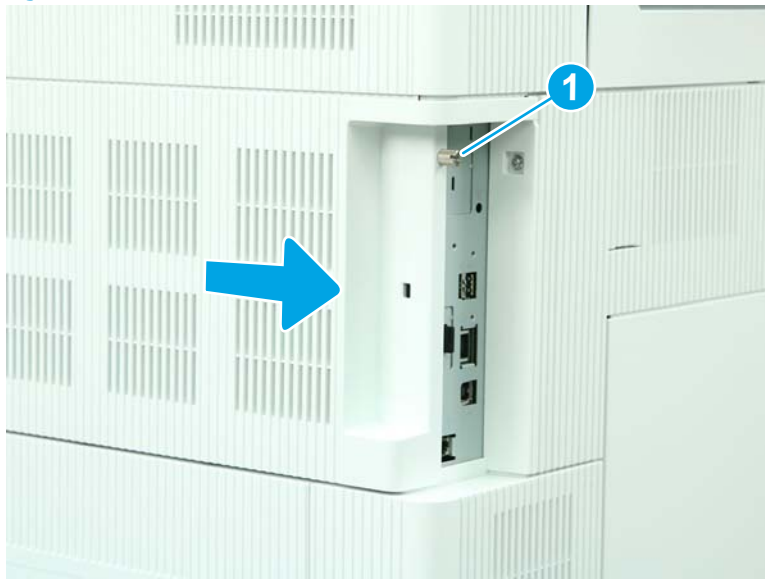
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

**Figure 1-581** Remove the fuser



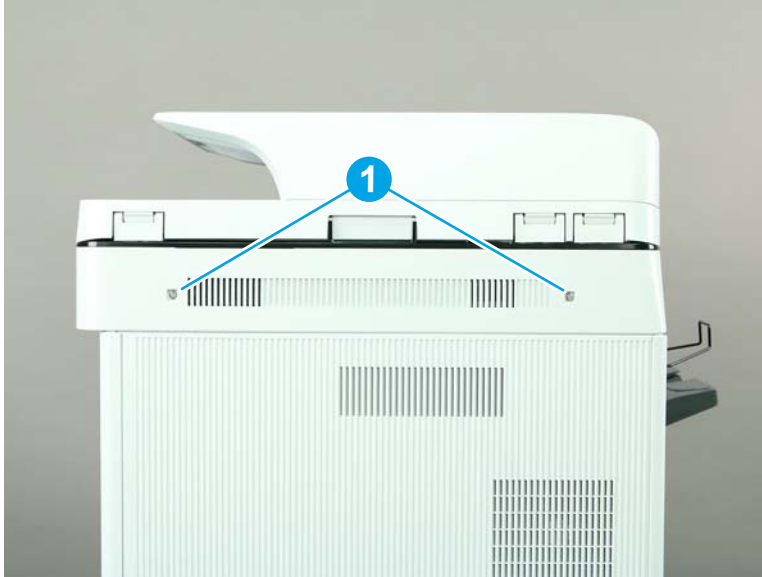
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-582** Remove the formatter cover



3. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-583 Remove two screws



- b. Remove the SCB cover.

Figure 1-584 Remove the SCB cover

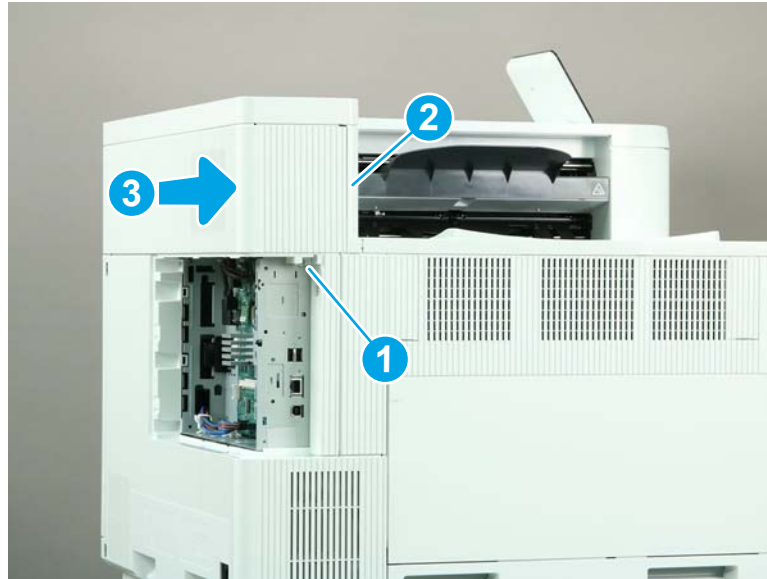


4. Remove the rear upper cover (M856/E85055/M776dn/M776z).


 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-585 Remove the rear upper cover



5. **M776 only:** Remove the control panel, keyboard, and nose cone.

 **NOTE:** This step applies to only the M776 models. Skip this step for all other models

- a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-586 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-587** Release the control panel cover



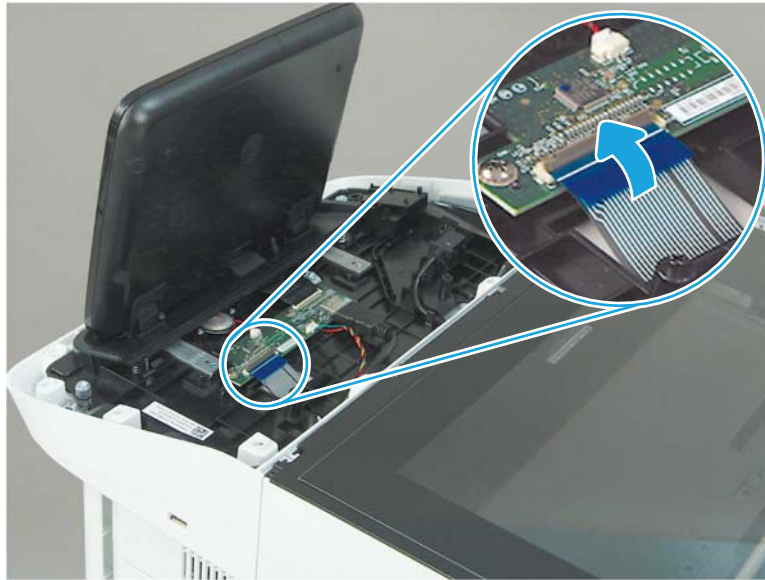
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-588** Remove the control panel cover



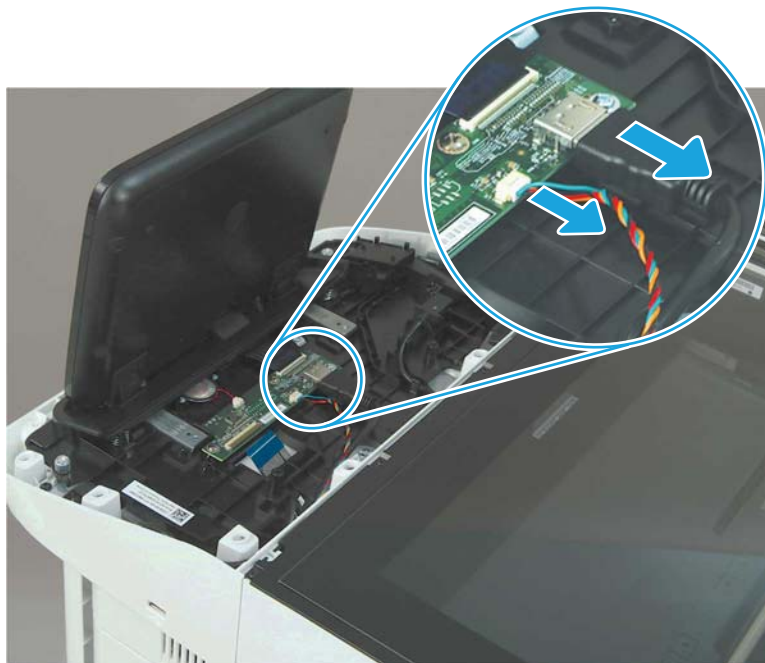
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-589** Release the keyboard flat cable (M776z/M776zs)



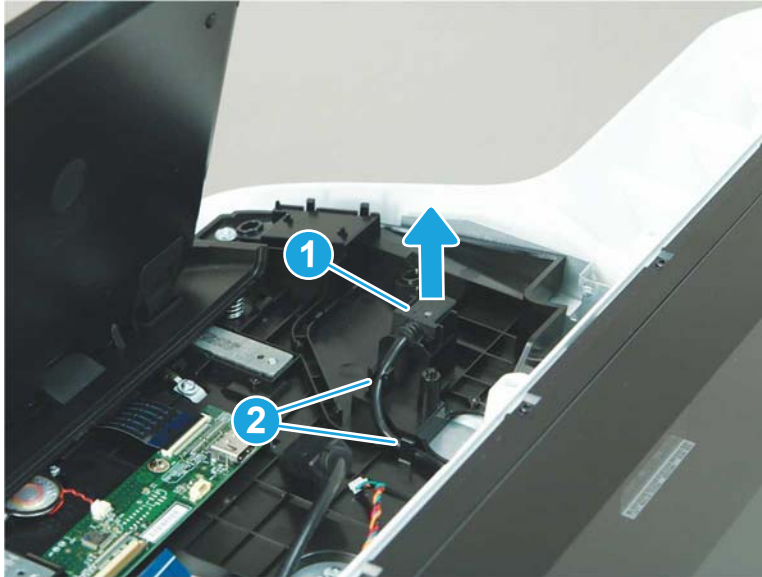
- e. Disconnect two connectors.

**Figure 1-590** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-591 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-592 Remove three screws





- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-593 Remove the control panel



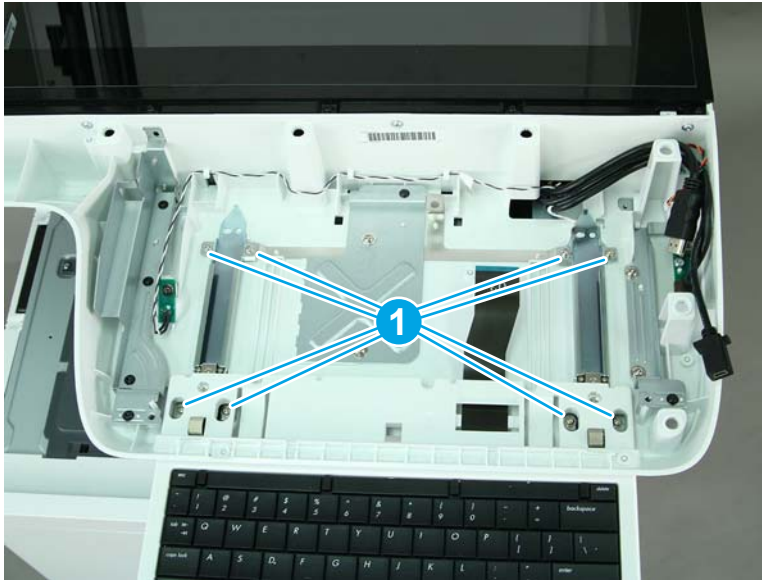
- i. **Keyboard models only:** Pull the keyboard out to its extended position.

Figure 1-594 Pull the keyboard out



- j. **Keyboard models only:** Remove eight screws (callout 1).

**Figure 1-595** Remove eight screws



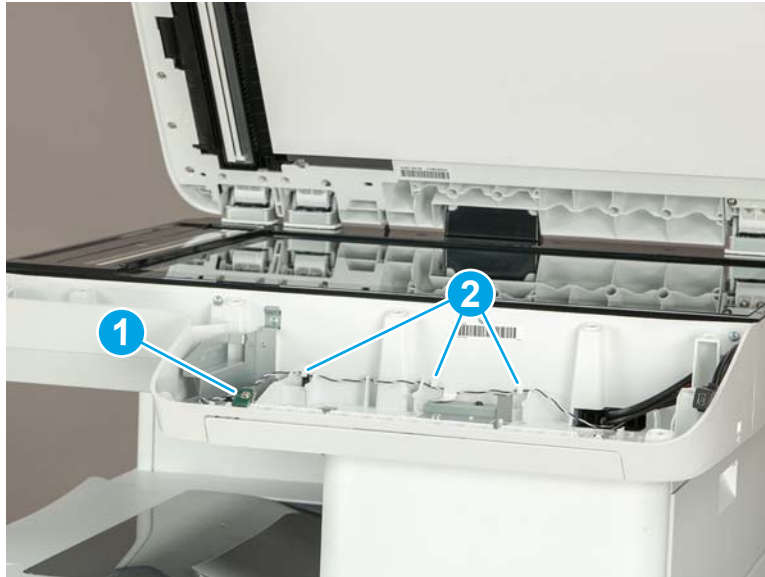
- k. **Keyboard models only:** Remove the keyboard and rails.

**Figure 1-596** Remove the keyboard and rails



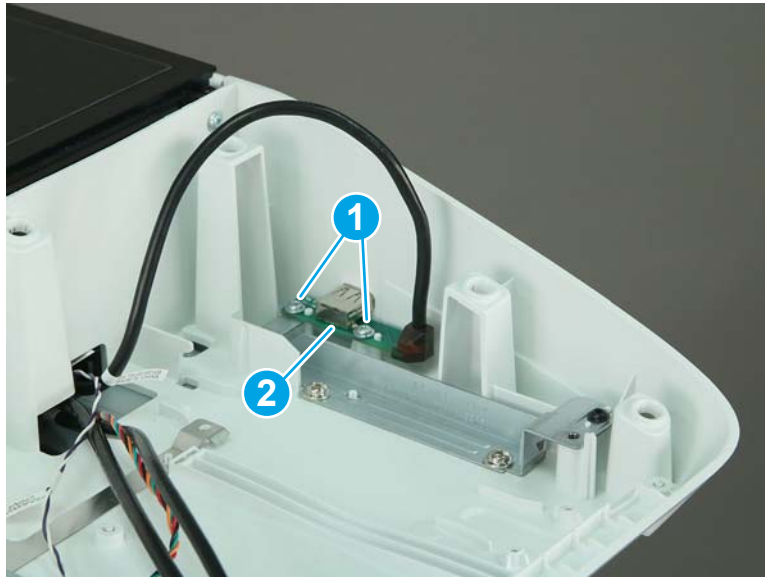
- l. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-597 Release the light PCA



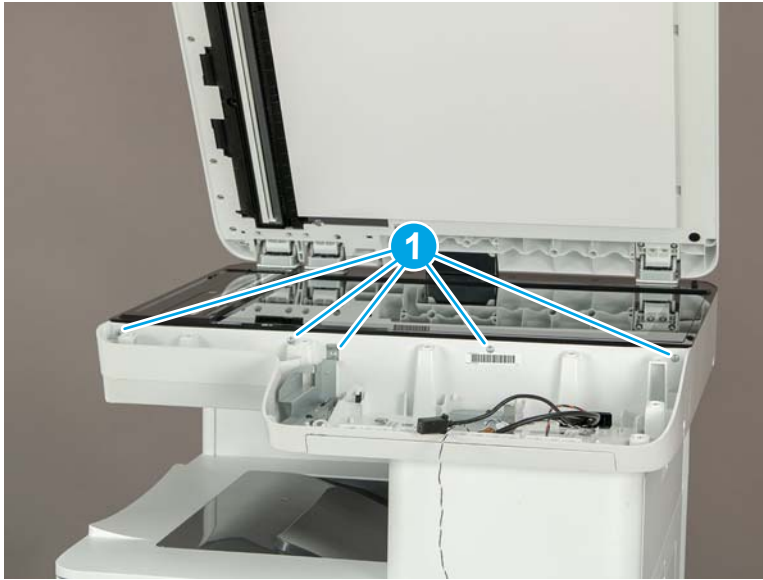
- m. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-598 Release the USB port PCA



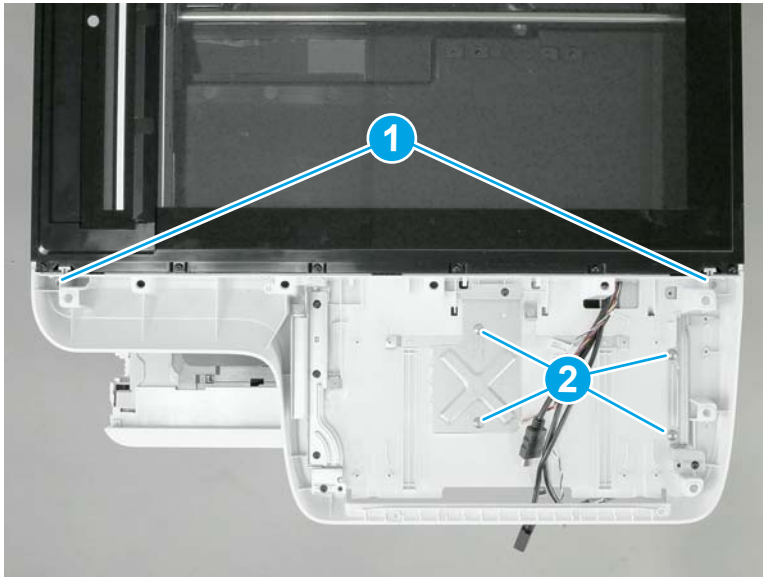
- n. Remove five screws (callout 1).

Figure 1-599 Remove four screws



- o. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

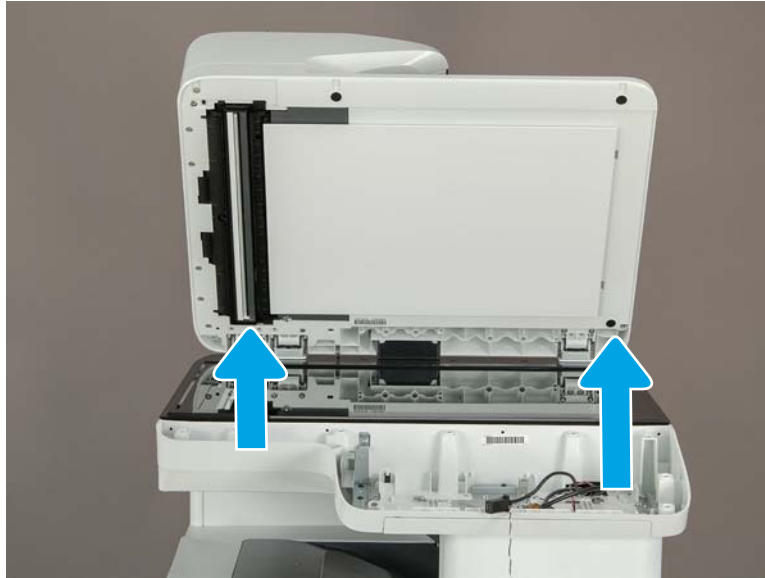
Figure 1-600 Remove six screws



- p. Lift the nose cone up and off of the printer to remove it.

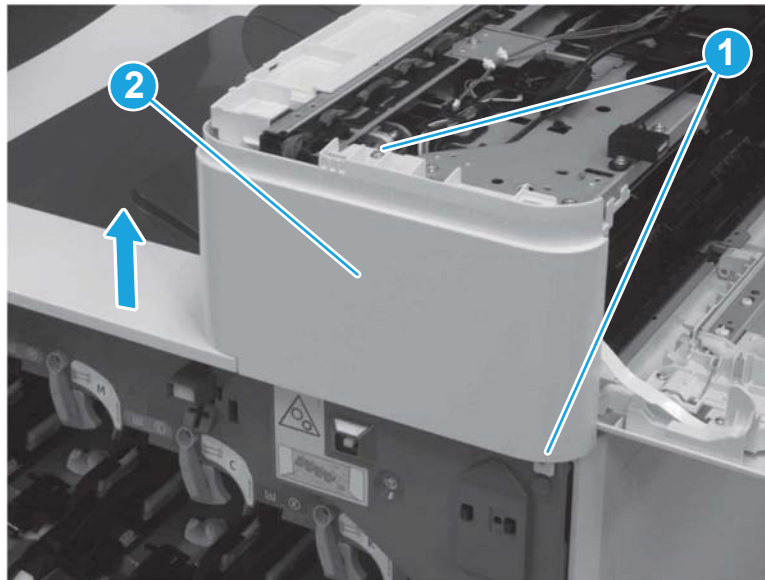
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

**Figure 1-601** Remove the nose cone



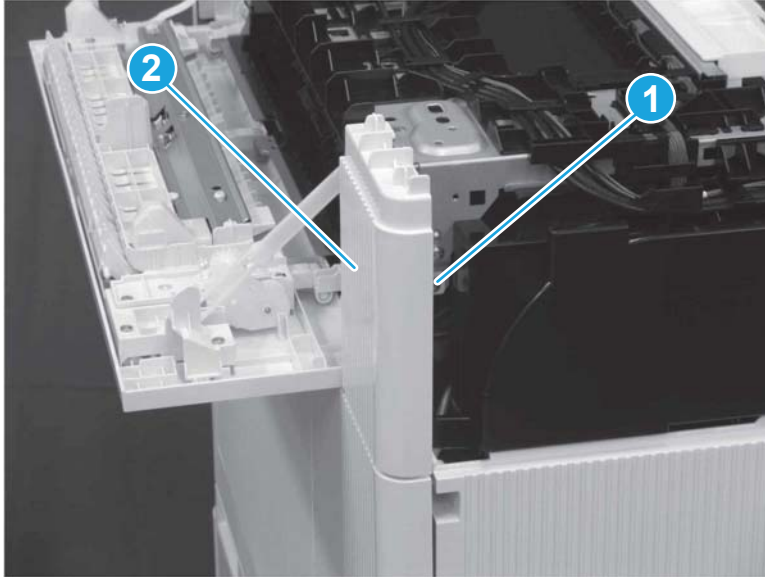
6. Remove the right front cover (M856/E85055/M776dn/M776z).
- ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

**Figure 1-602** Remove the right front cover



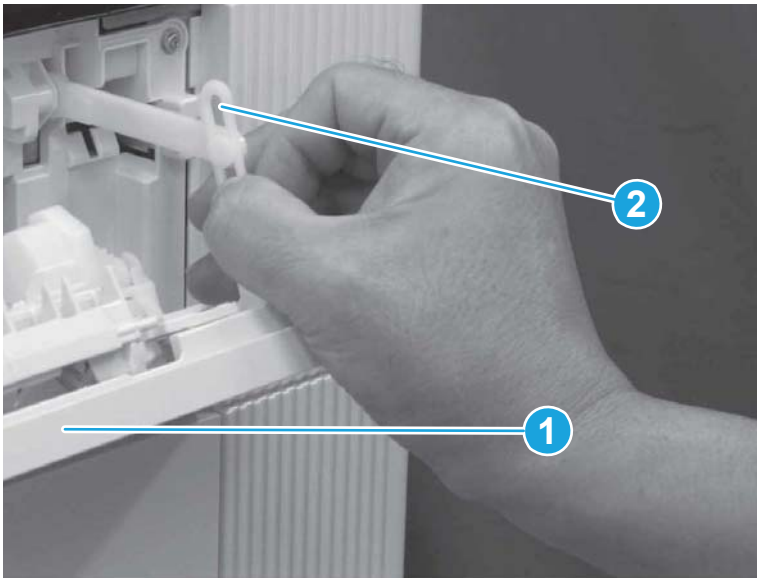
7. Remove the right rear upper cover (M856/E85055/M776dn/M776z)
- ▲ Remove one screw (callout 1), and then slide the right rear upper cover (callout 2) away from the printer to remove it.

Figure 1-603 Remove the right rear upper cover



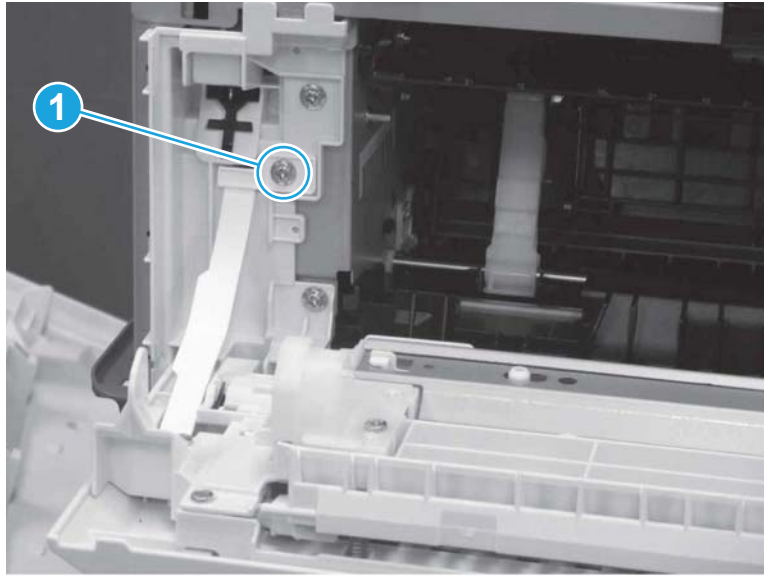
8. Remove the right upper door (M856/E85055/M776dn/M776z)
  - a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-604 Open the door and release the link



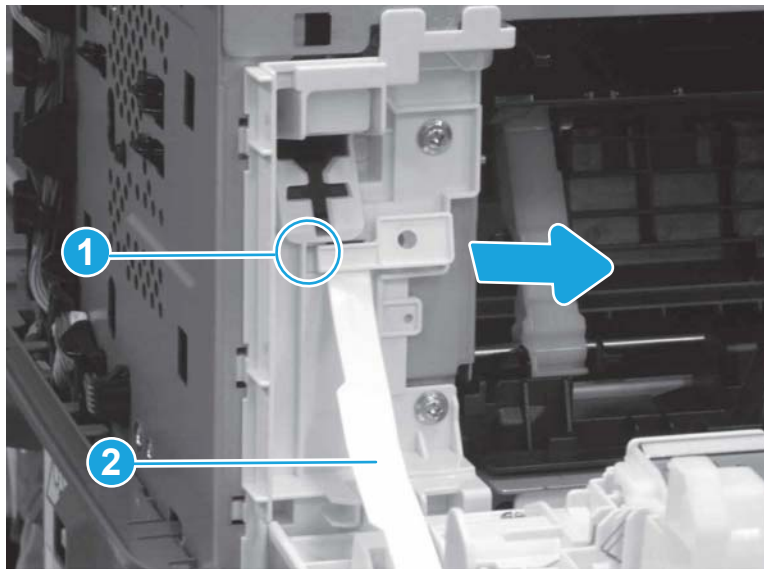
- b. Remove one screw (callout 1).

Figure 1-605 Remove one screw



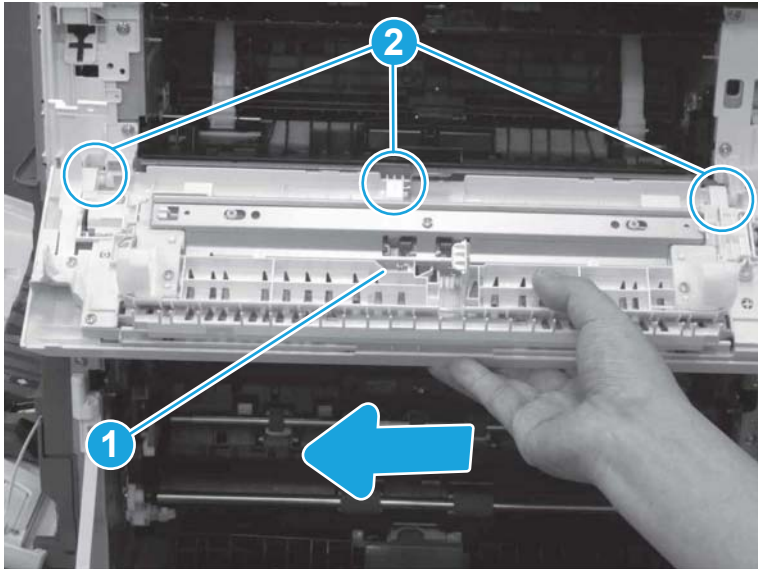
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-606 Release one boss and hinge



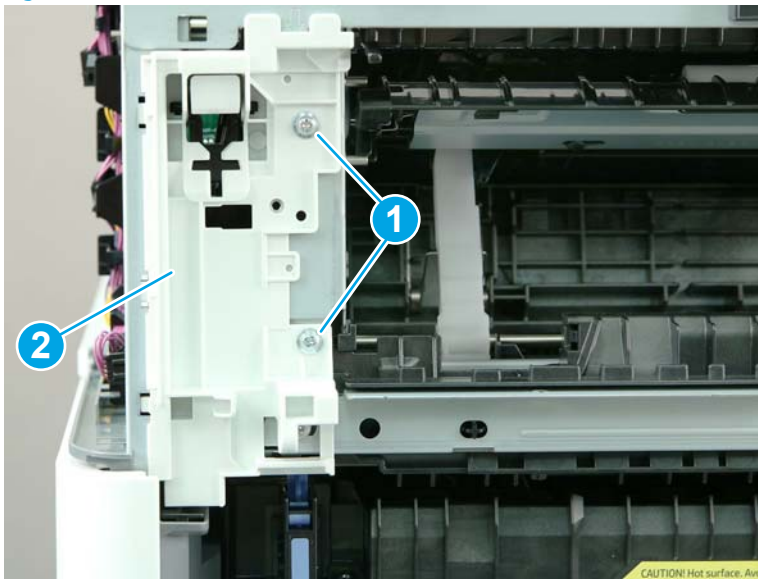
- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-607 Remove the right upper door




9. Remove the delivery assembly (M856/E85055/M776dn/M776z).
  - a. Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

Figure 1-608 Remove two screws and toggle front assembly (M856/E85055/M776dn/M776z)

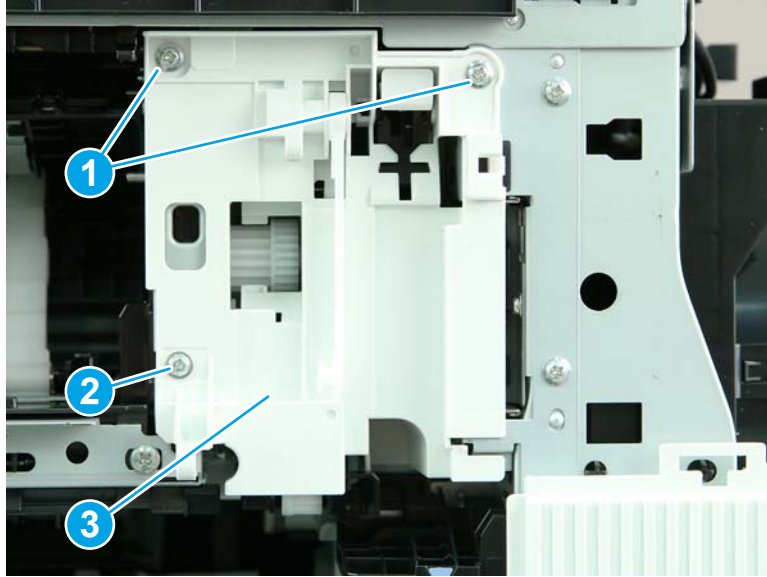




- b. Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3).

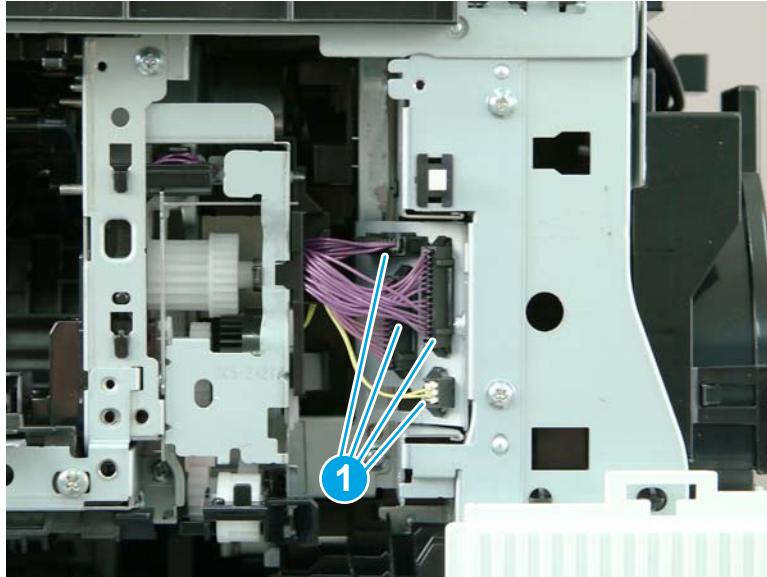
 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

**Figure 1-609** Remove three screws and toggle rear assembly (M856/E85055/M776dn/M776z)



- c. Disconnect four connectors (callout 1).

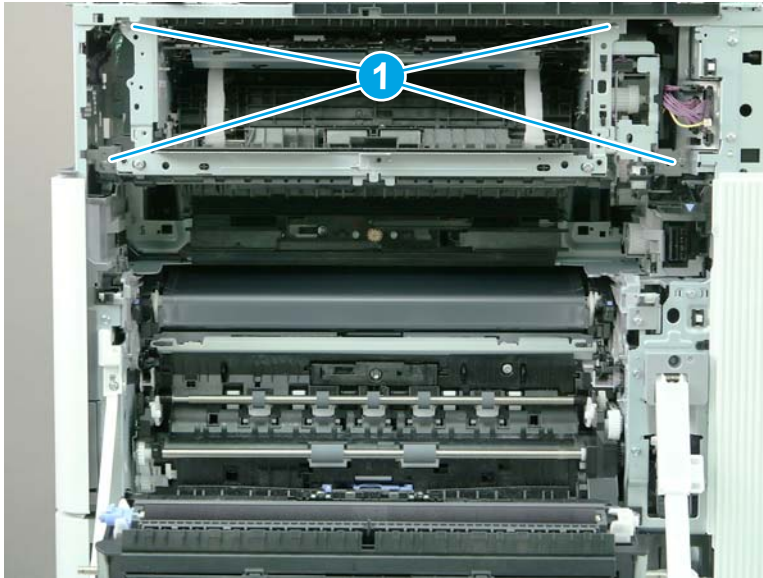
**Figure 1-610** Disconnect four connectors (M856/E85055/M776dn/M776z)



- d. Remove four screws (callout 1).

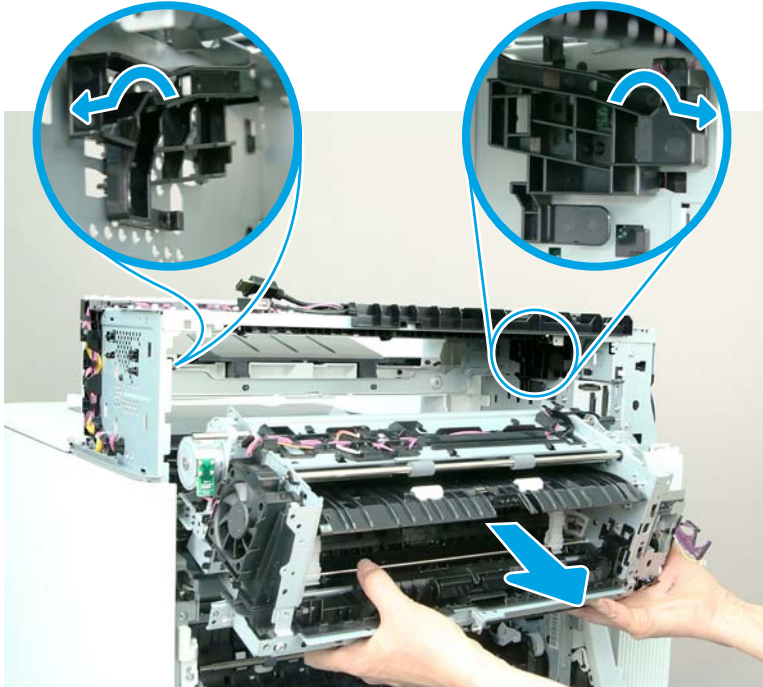
 **NOTE:** The lower screws are shorter than the upper screws. Make sure to reinstall them in the correct position.

**Figure 1-611** Remove four screws (M856/E85055/M776dn/M776z)




- e. Slide the delivery assembly away from the printer, and then lift up and out to release the posts from the tracks.

**Figure 1-612** Remove the delivery assembly (M856/E85055/M776dn/M776z)



- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

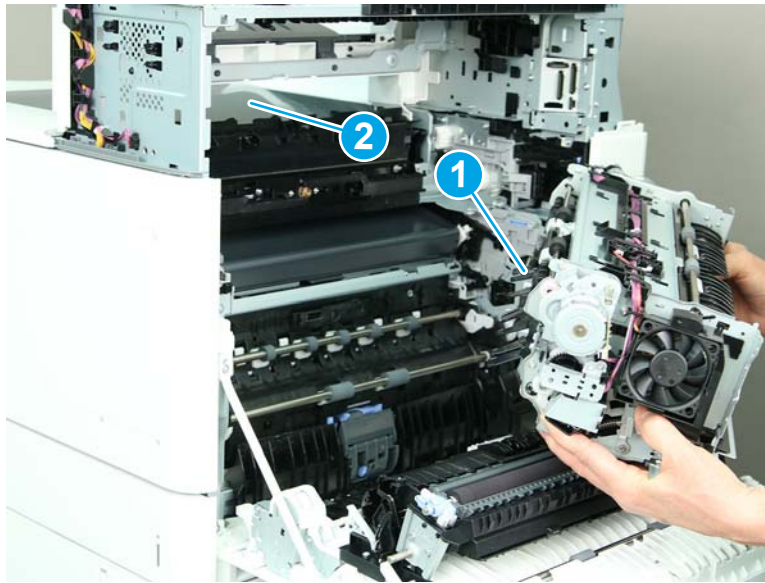
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11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the delivery assembly (M856/E85055/M776dn/M776z).**

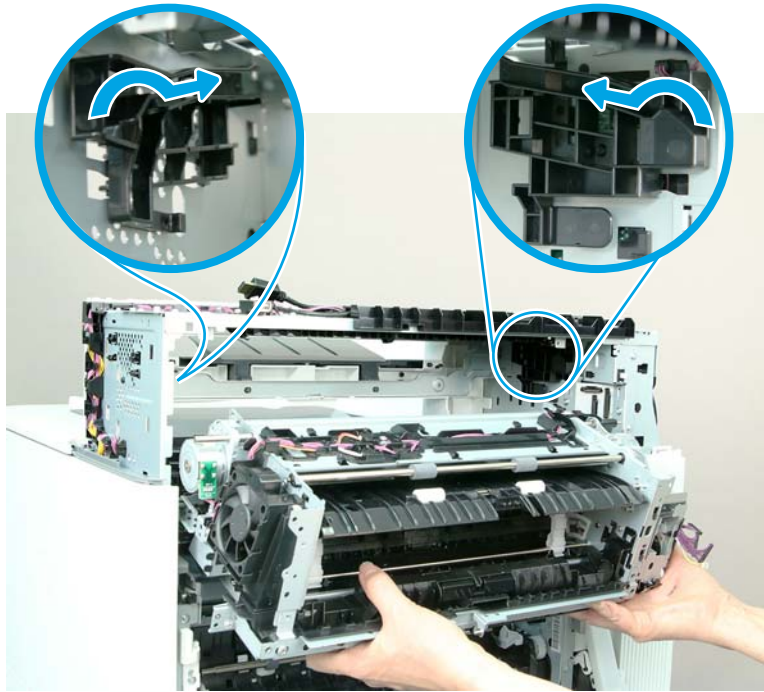
1. When reinstalling the delivery assembly, make sure that the flap (callout 1) on the delivery assembly goes through the opening (callout 2) in the cover.

**Figure 1-613** Install the flap through the opening (M856/E85055/M776dn/M776z)



2. When reinstalling the delivery assembly, position the posts on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the posts in the tracks.

**Figure 1-614** Install the delivery assembly (M856/E85055/M776dn/M776z)



### Removal and replacement: Delivery assembly (M776zs)

Learn how to remove and replace the delivery assembly.

Mean time to repair: 17 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-52** Part information

Part number	Part description
RM2-1786-000CN	Paper delivery assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

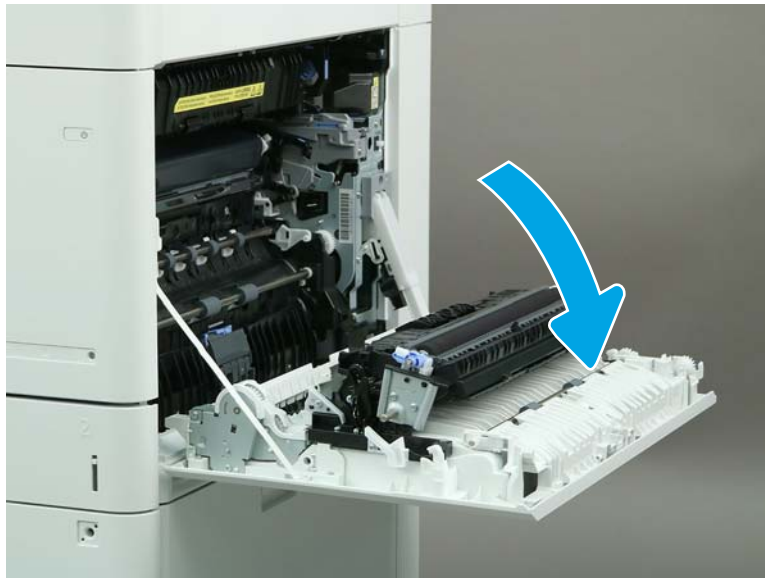
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

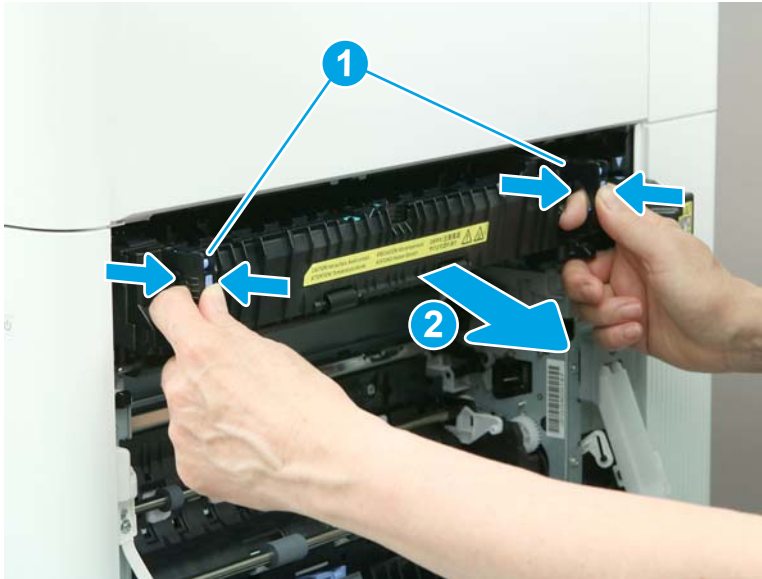
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-615** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

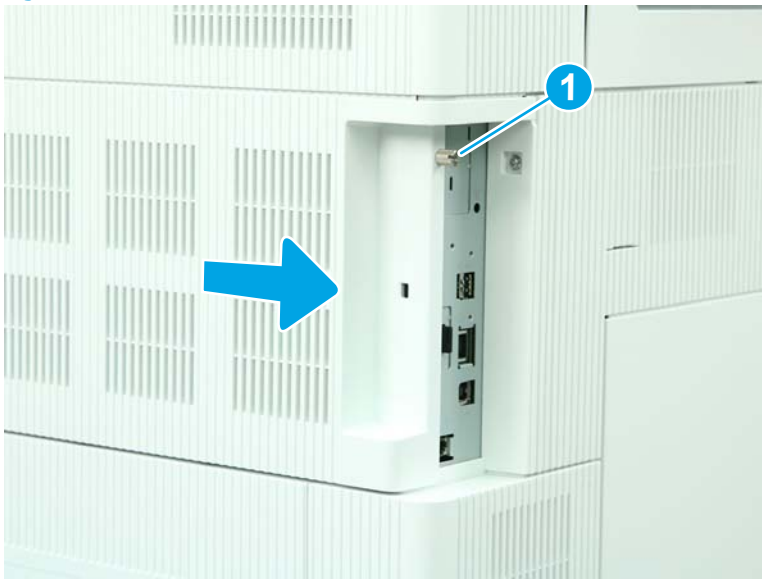
Figure 1-616 Remove the fuser



2. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

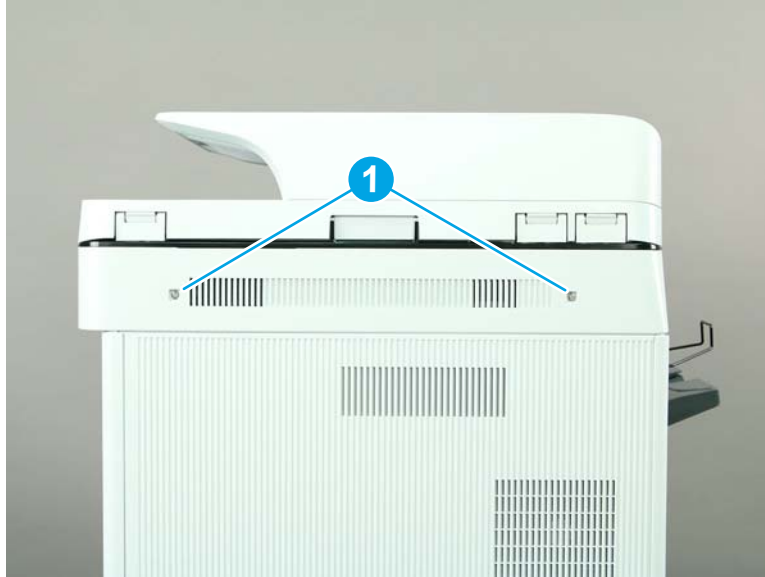
Figure 1-617 Remove the formatter cover



3. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-618 Remove two screws



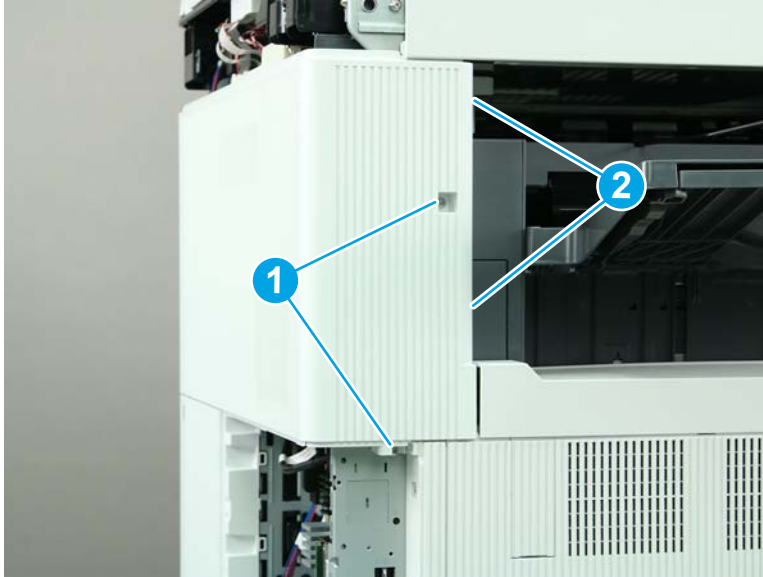
- b. Remove the SCB cover.

Figure 1-619 Remove the SCB cover



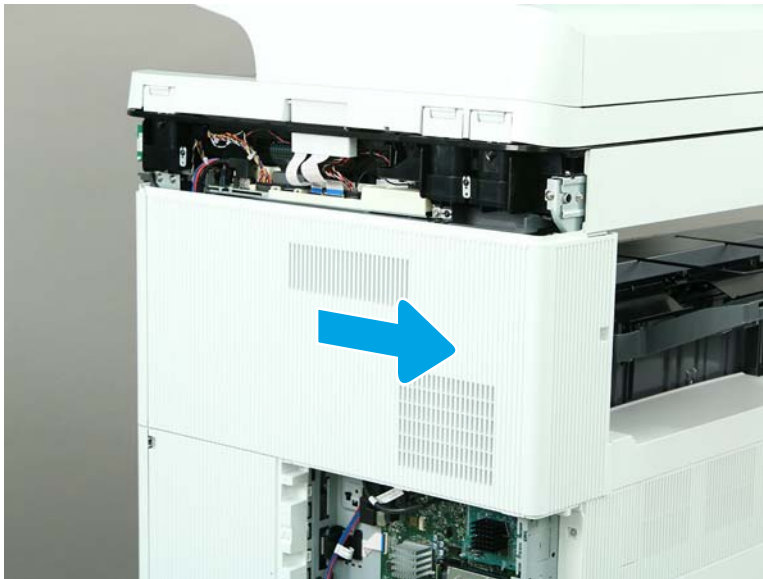
- 4. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-620 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-621 Remove the rear upper and left rear upper cover



- 5. Remove the front cover (M776zs).
  - a. Open the front door.

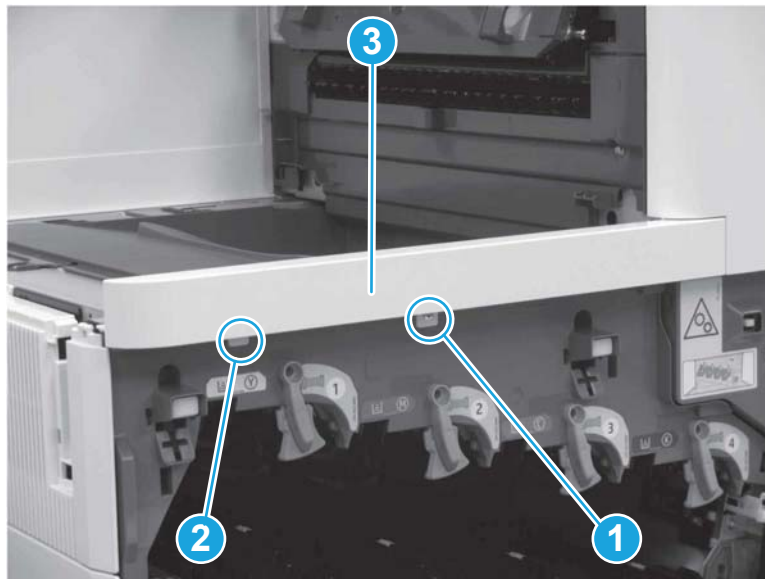


Figure 1-622 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-623 Remove the front cover



6. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-624 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

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 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

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Figure 1-625 Release the control panel cover



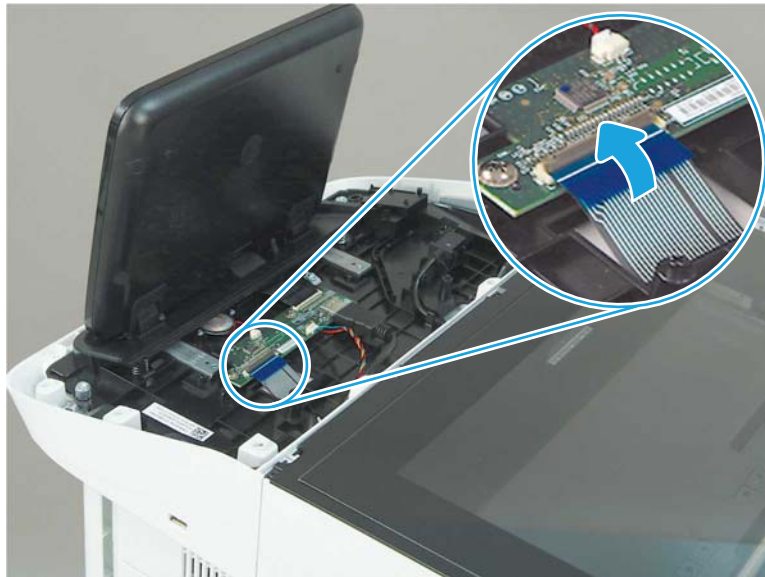
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-626 Remove the control panel cover



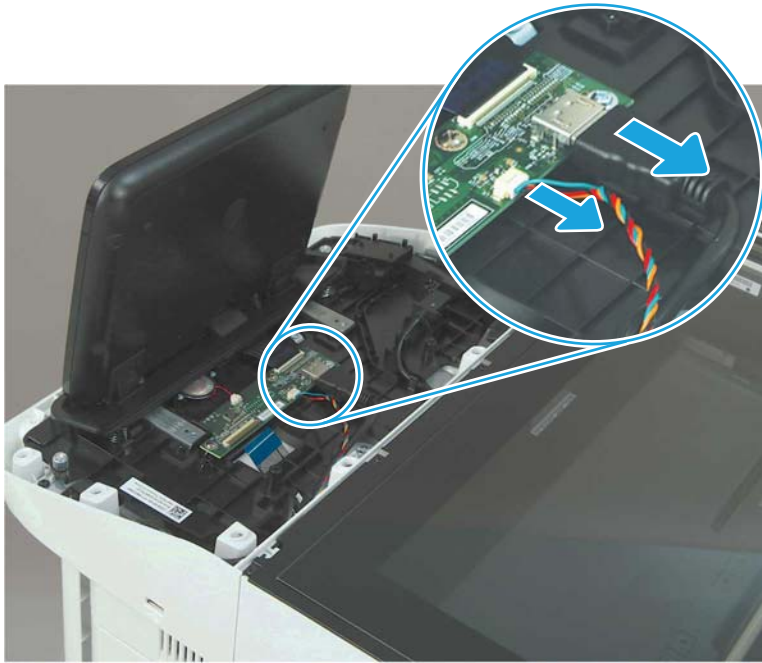
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-627 Release the keyboard flat cable (M776z/M776zs)



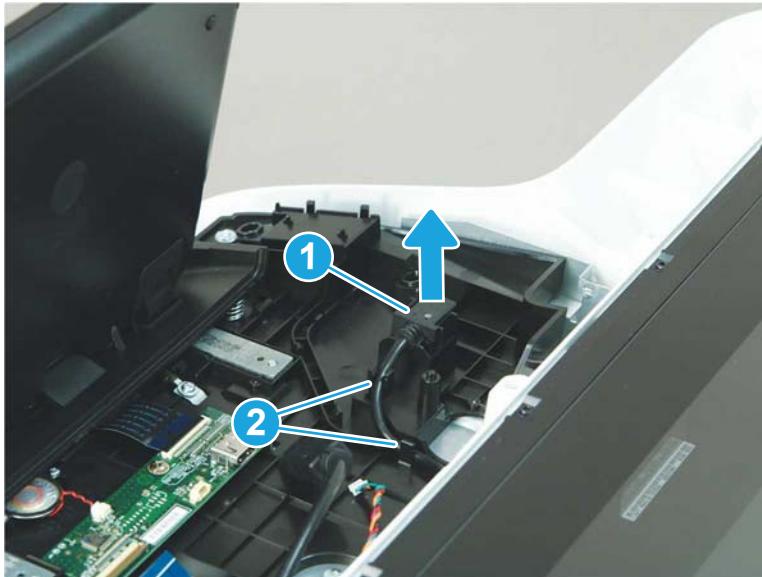
- e. Disconnect two connectors

Figure 1-628 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-629 Release the USB cable



- g.** Remove three screws (callout 1).

**Figure 1-630** Remove three screws



- h.** Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

**Figure 1-631** Remove the control panel



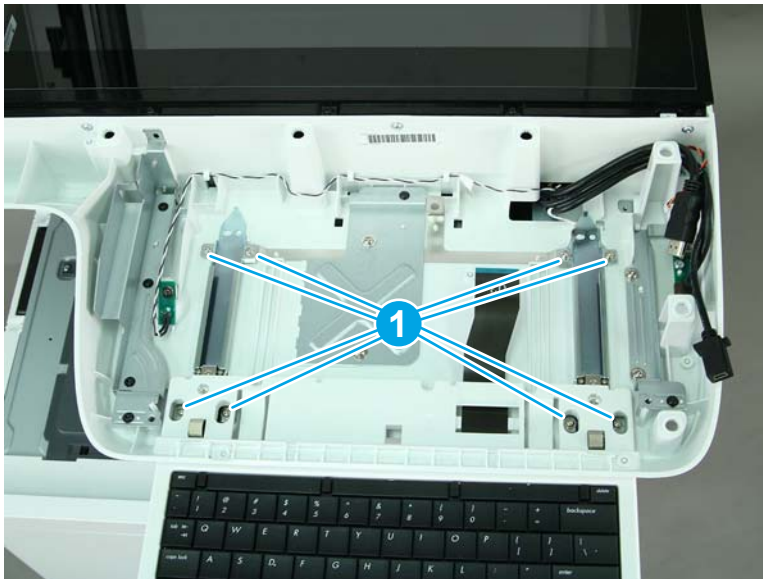
- 7.** Remove the keyboard (M776z/M776zs).
  - a.** Pull the keyboard out to its extended position.

Figure 1-632 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-633 Remove eight screws



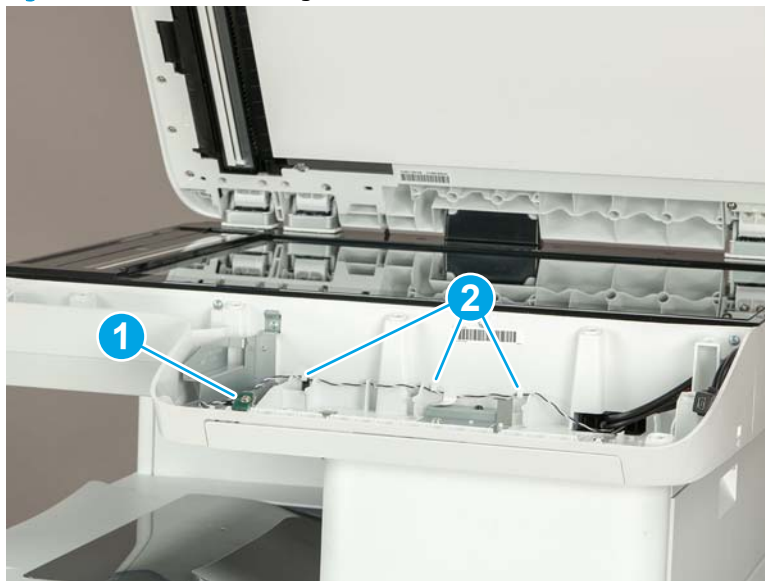
- c. Remove the keyboard and rails.

**Figure 1-634** Remove the keyboard and rails



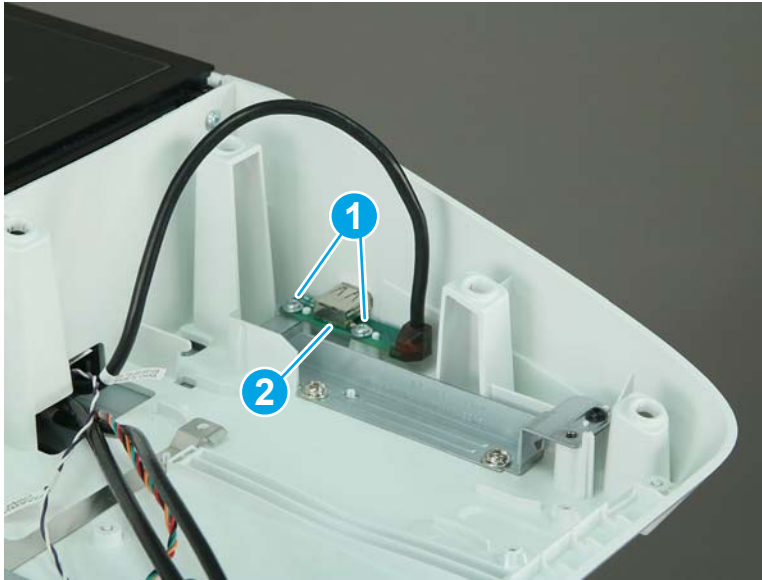
- 8. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

**Figure 1-635** Release the light PCA



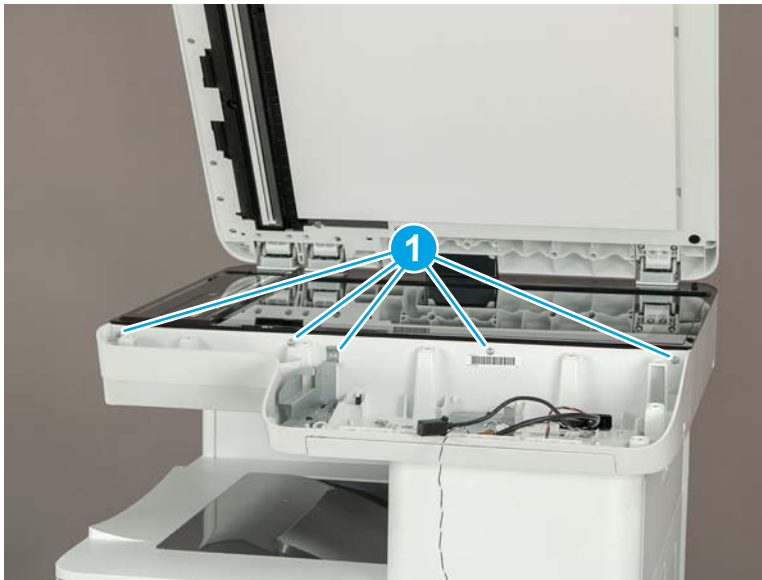
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-636 Release the USB port PCA



- c. Remove five screws (callout 1).

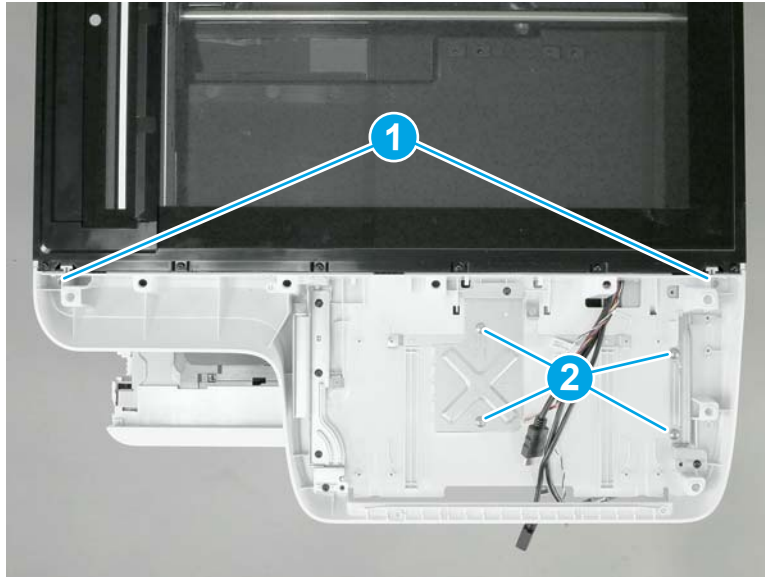
Figure 1-637 Remove four screws





- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

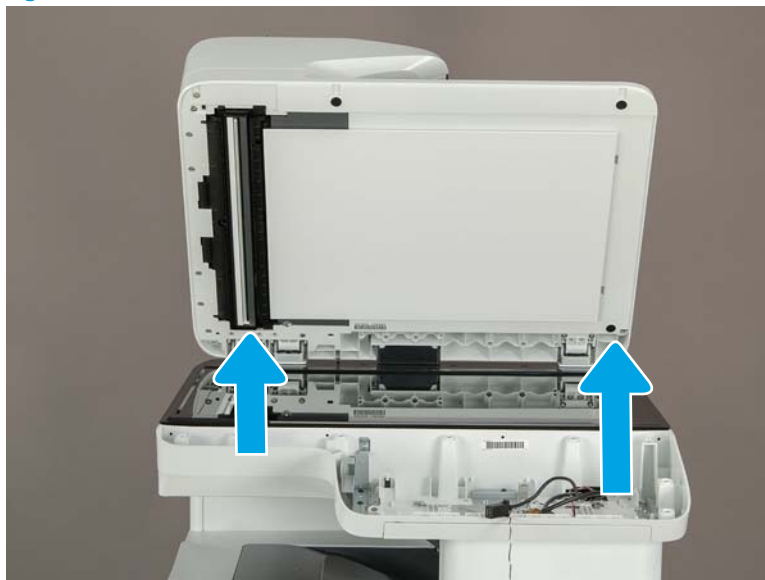
Figure 1-638 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

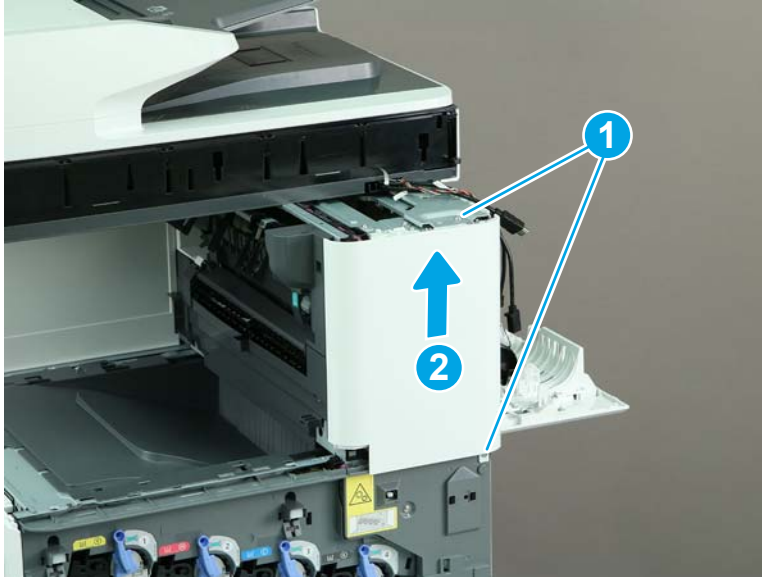
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

Figure 1-639 Remove the nose cone



- 9. Remove the right front cover (M776zs).
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

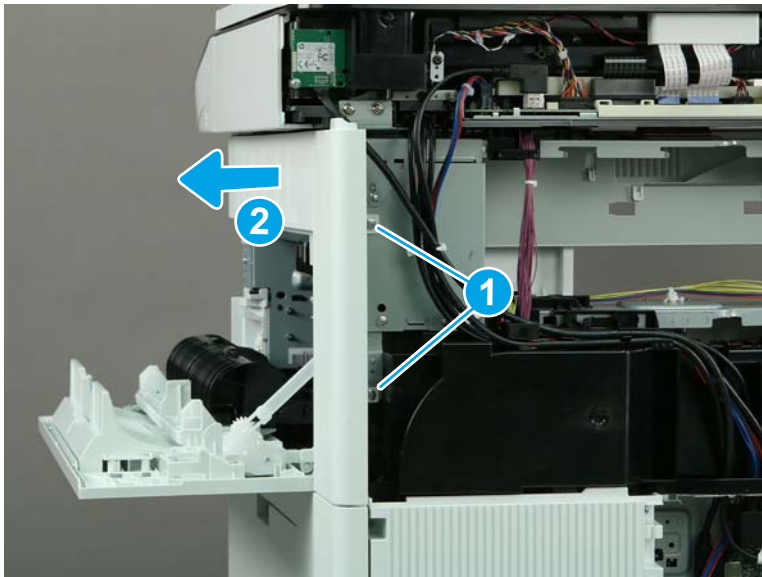
Figure 1-640 Remove the right front cover



10. Remove the right rear upper cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the right rear upper cover away from the printer to remove it (callout 2).

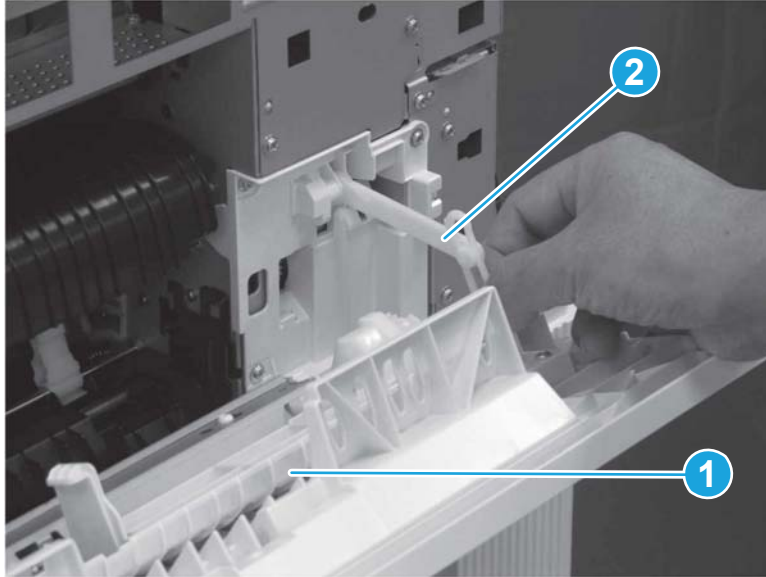
Figure 1-641 Remove the right rear upper cover



11. Remove the right upper door (M776zs).

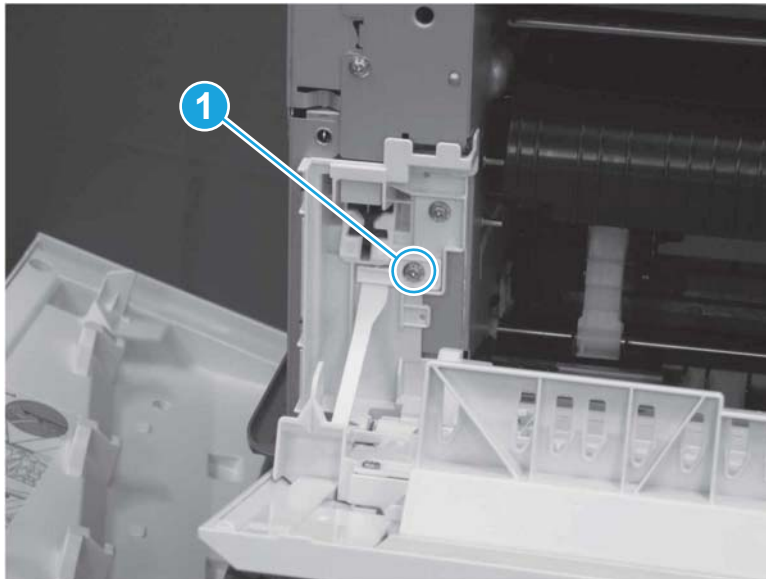
- a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-642 Open the door and release the link



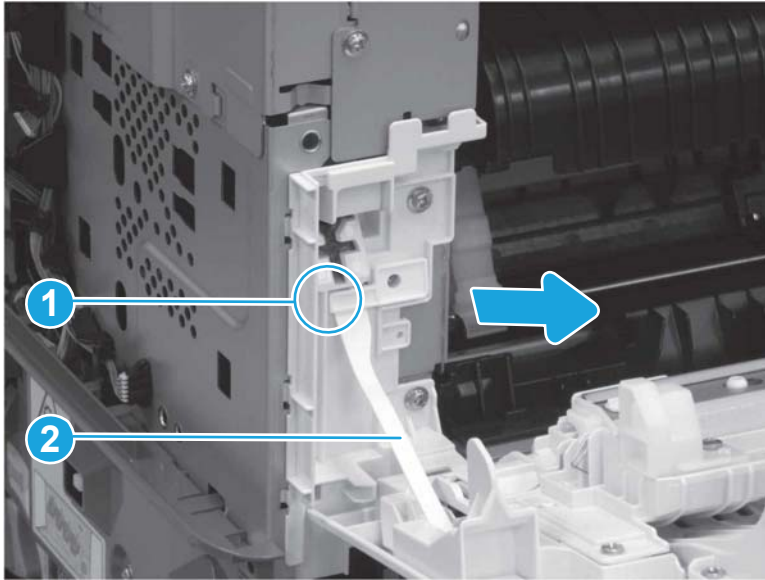
- b. Remove one screw (callout 1).

Figure 1-643 Remove one screw



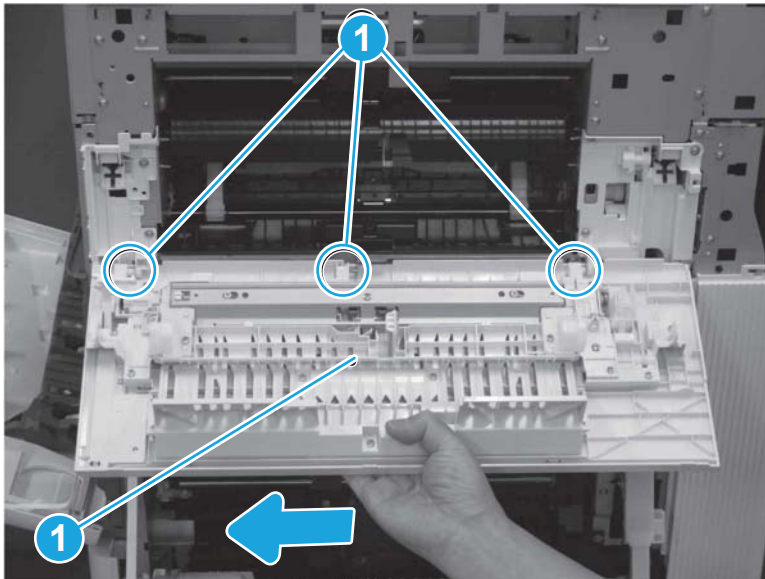
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-644 Release one boss and hinge



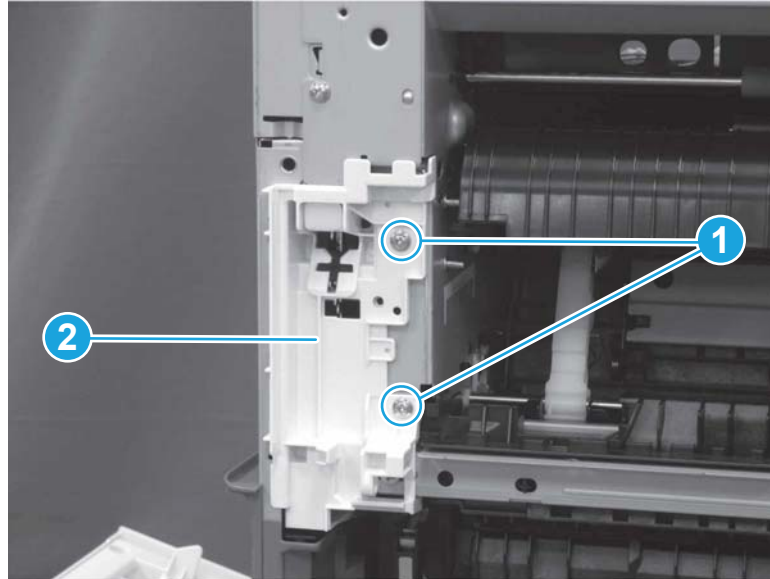
- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-645 Remove the right upper door



- 12. Remove the delivery assembly (M776zs).
  - a. Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

Figure 1-646 Remove two screws and toggle front assembly (M776zs)



- b. Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3) and the link (callout 4) together.


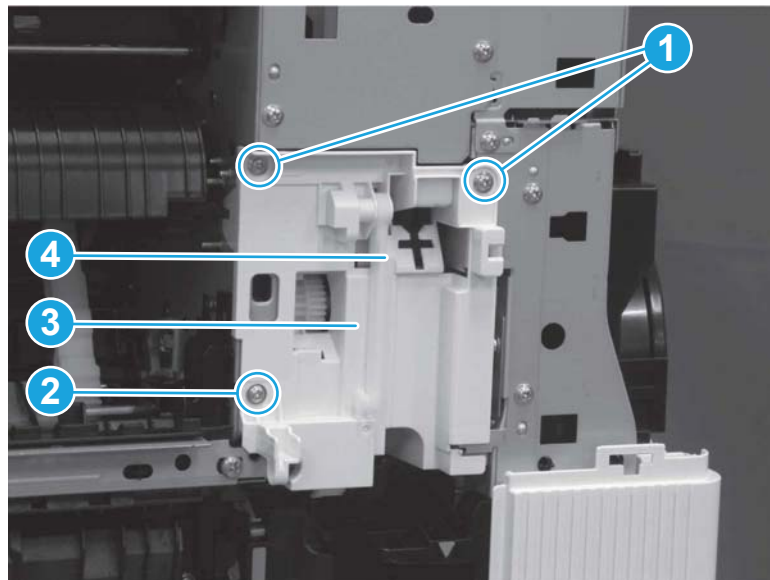
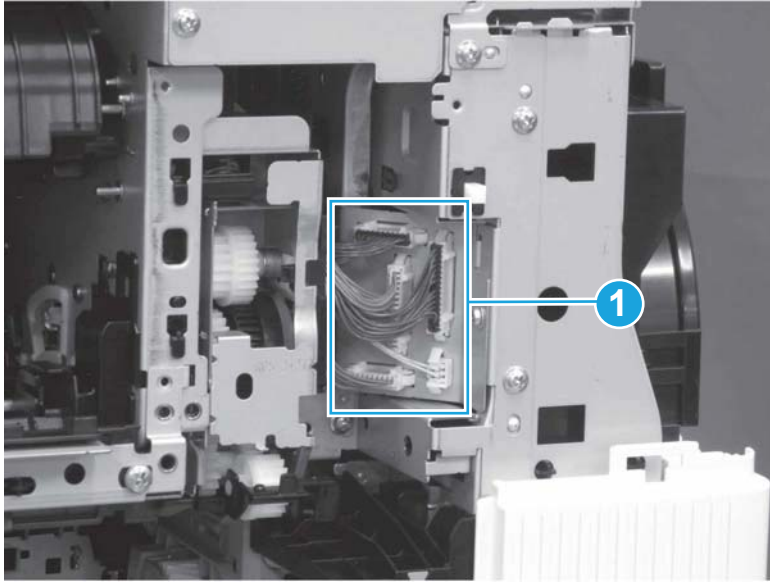
 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

Figure 1-647 Remove three screws and toggle rear assembly (M776zs)



- c. Disconnect five connectors (callout 1).

Figure 1-648 Disconnect five connectors (M776zs)



- d. Remove six screws (callout 1).


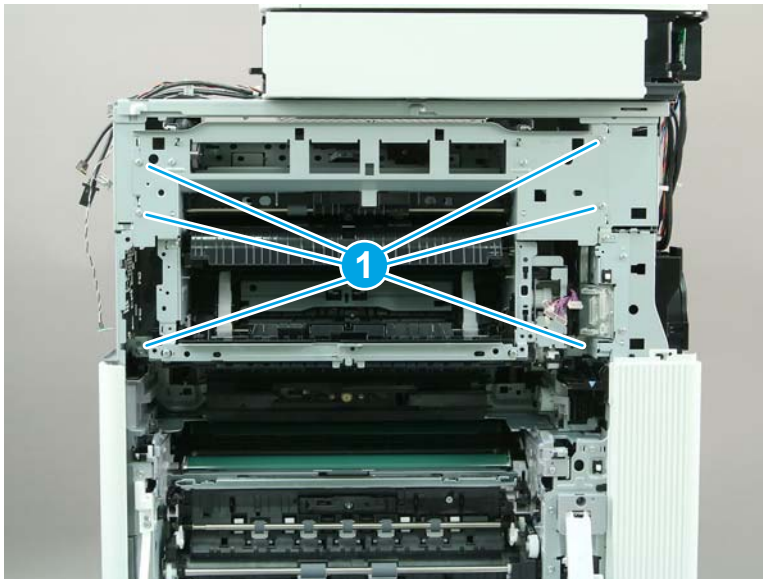
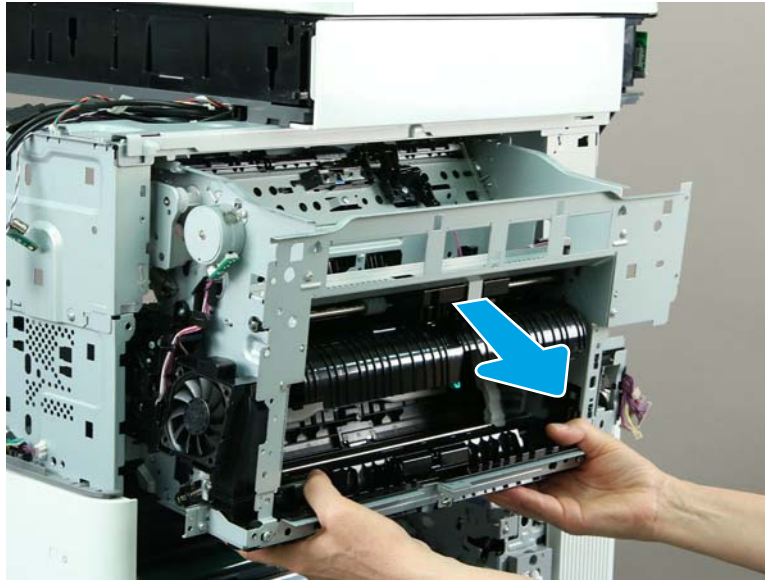
 **NOTE:** The lower two screws are shorter than the upper screws. Make sure to reinstall them in the correct position.

Figure 1-649 Remove six screws (M776zs)



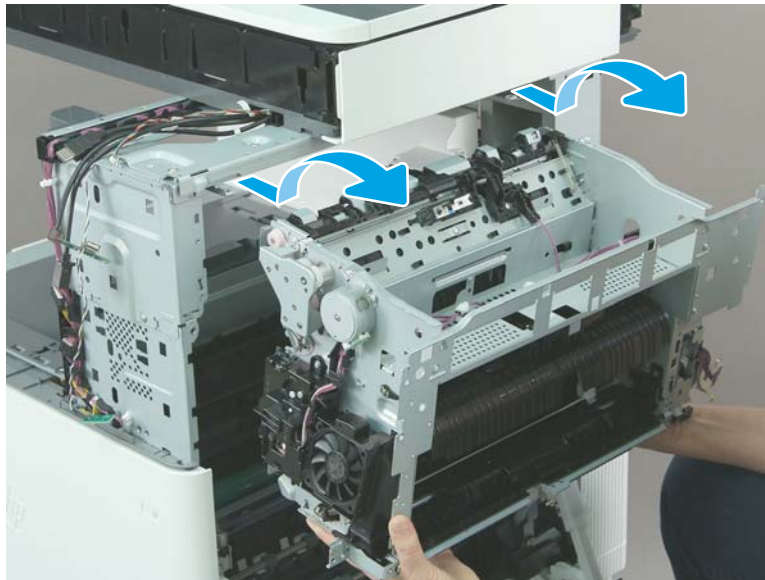
- e. Slide the delivery assembly away from the printer.

**Figure 1-650** Slide the delivery assembly (M776zs)



- f. Lift up and out to release the stoppers from the tracks, and then remove the delivery assembly.


**Figure 1-651** Remove the delivery assembly (M776zs)



**13.** Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

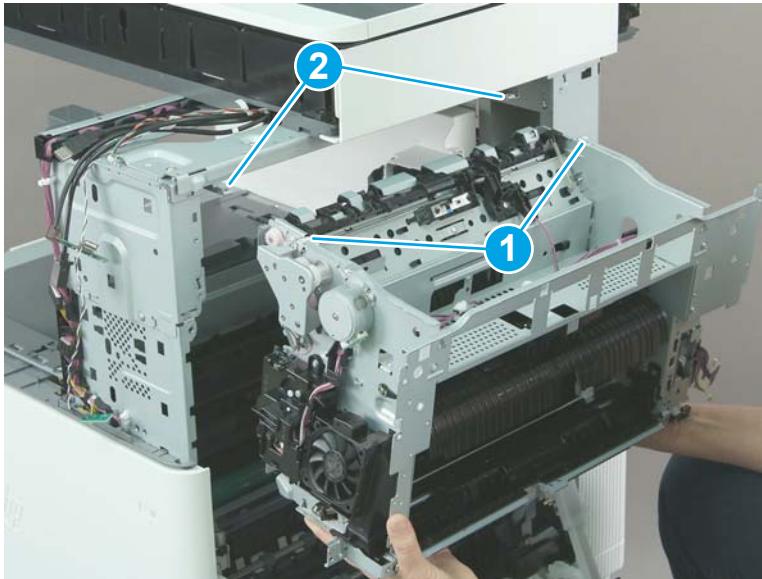
---

14. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the delivery assembly (M776zs).

- ▲ When reinstalling the delivery assembly, position the stoppers on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the stoppers in the tracks.

**Figure 1-652** Install the delivery assembly (M776zs)



#### Removal and replacement: Toggle front assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the toggle front assembly (M856/E85055/M776dn/M776z).

 [View a video of how to remove and replace the toggle front assembly \(M856/E85055/M776dn/M776z\).](#)

Mean time to repair: 12 minutes


Service level: Easy



## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-53 Part information**

Part number	Part description
RM2-1764-000CN	Toggle front assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

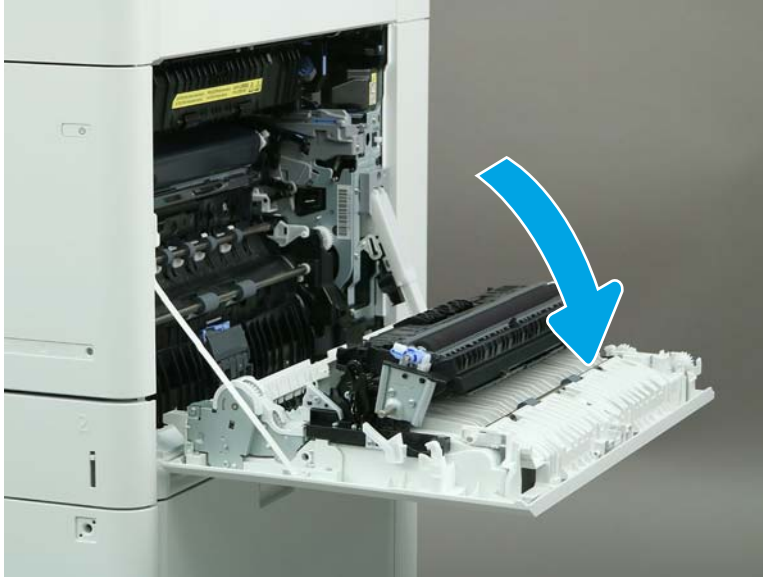
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

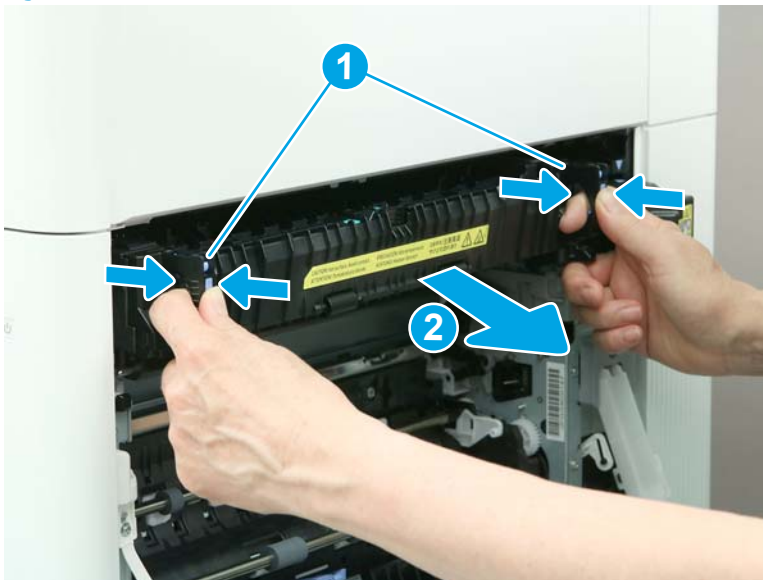
1. Remove the fuser.
  - a. Open the right door.

Figure 1-653 Open the right door



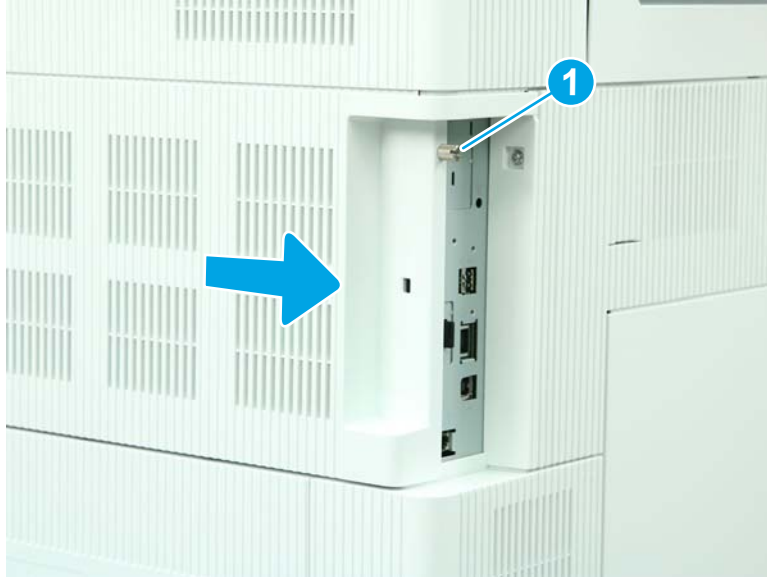
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

Figure 1-654 Remove the fuser



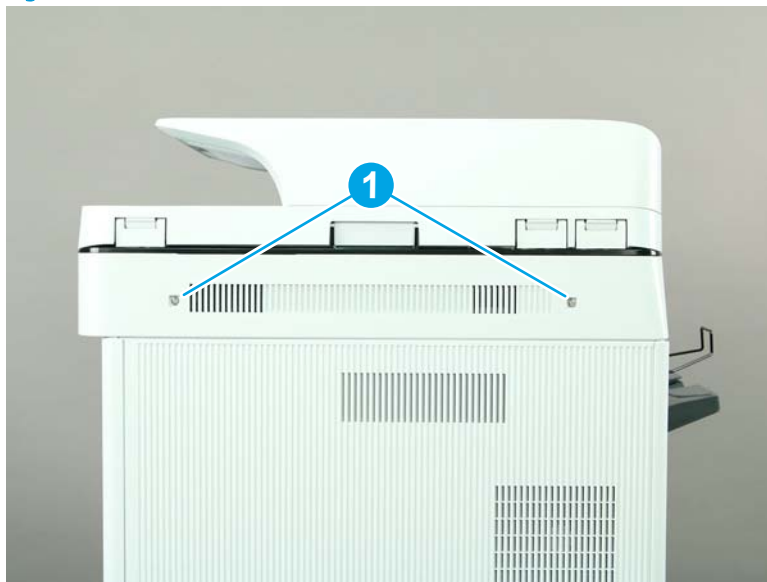
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-655 Remove the formatter cover



3. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-656 Remove two screws



- b. Remove the SCB cover.

**Figure 1-657** Remove the SCB cover



4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

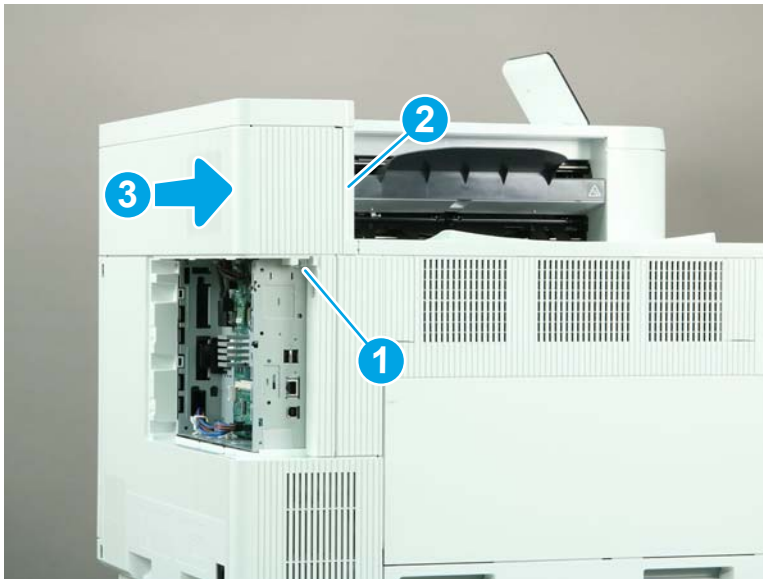
---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

---

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-658** Remove the rear upper cover



5. **M856/E85055 only:** Remove the control panel and top cover.

---

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

---

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-659 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-660 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-661 Slide the control panel back



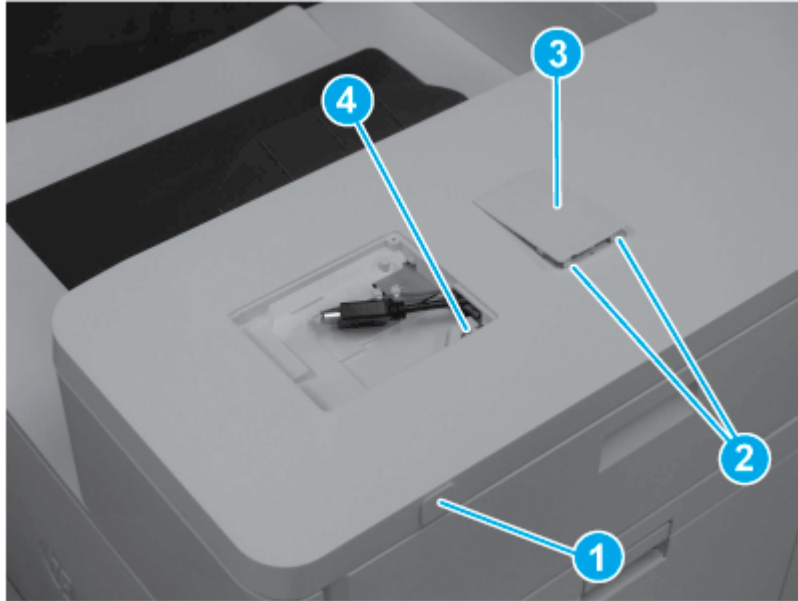
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-662 Disconnect two connectors



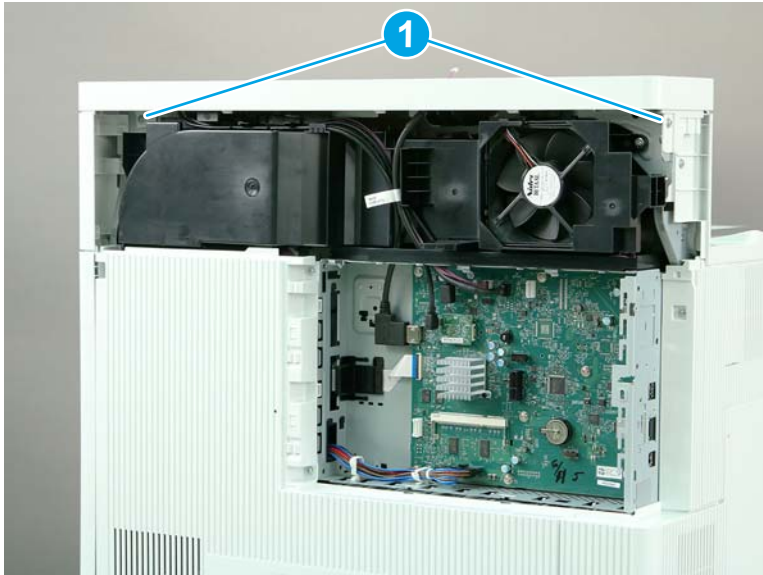
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-663 Remove covers and one screw



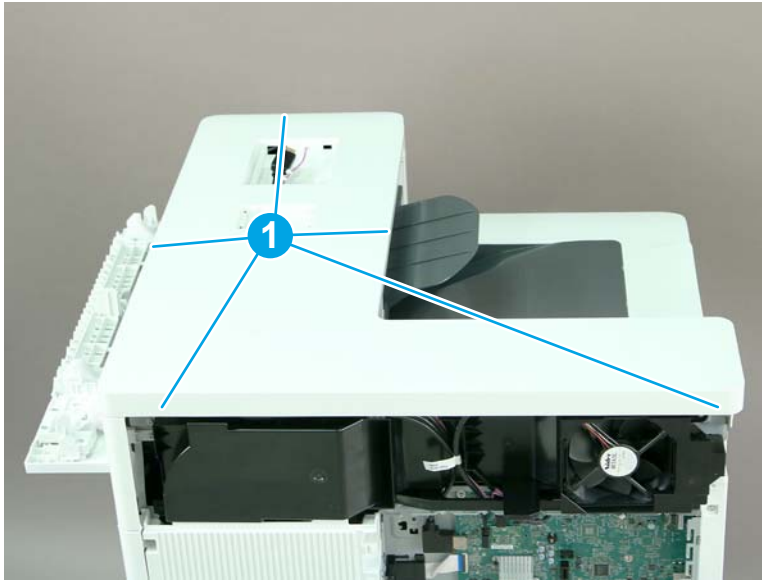
- f. Remove two screws (callout 1).

Figure 1-664 Remove two screws




- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-665 Release five tabs



- 6. **M776 only:** Remove the control panel, keyboard, and nose cone.

---

 **NOTE:** This step applies to only the M776 models. Skip this step for all other models

---

- a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-666 Raise the control panel and document feeder





- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-667** Release the control panel cover



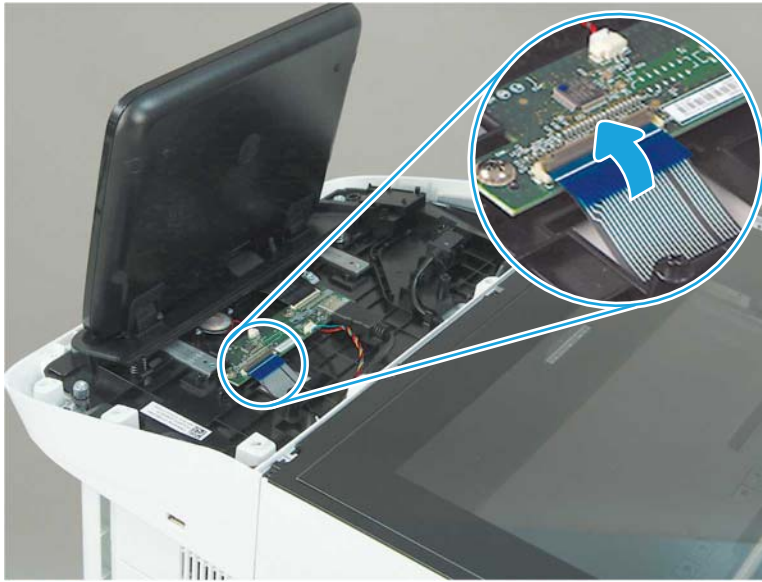
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-668** Remove the control panel cover



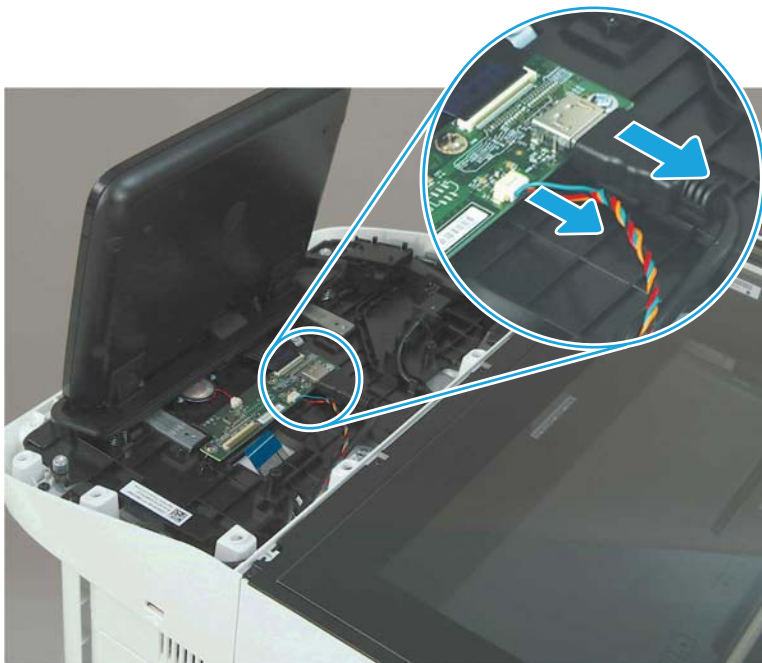
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-669** Release the keyboard flat cable (M776z/M776zs)



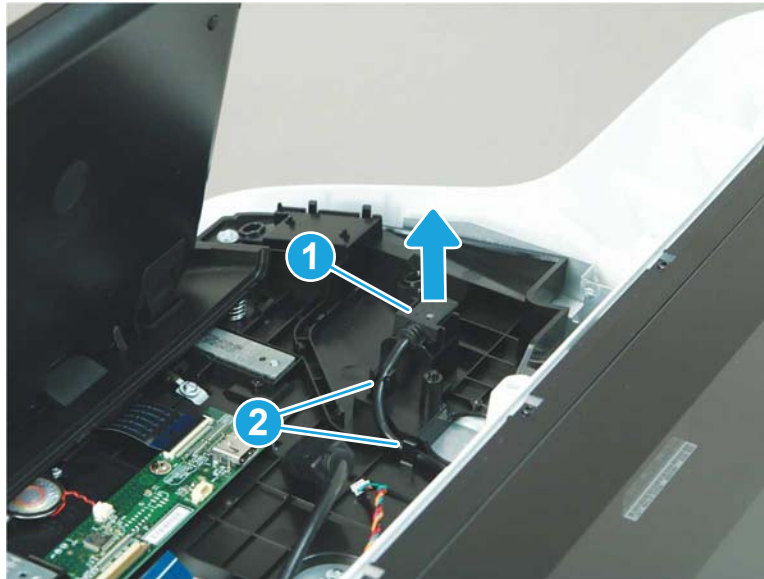
- e. Disconnect two connectors.

**Figure 1-670** Disconnect two connectors



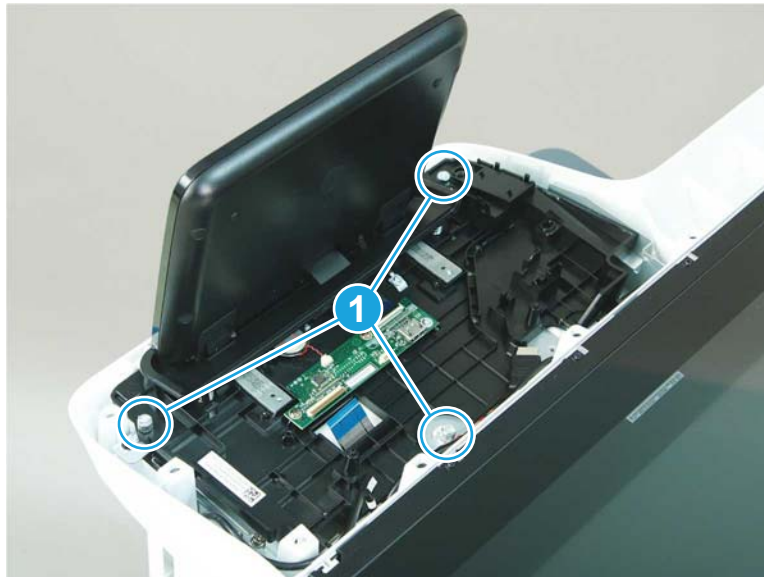
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-671 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-672 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-673 Remove the control panel



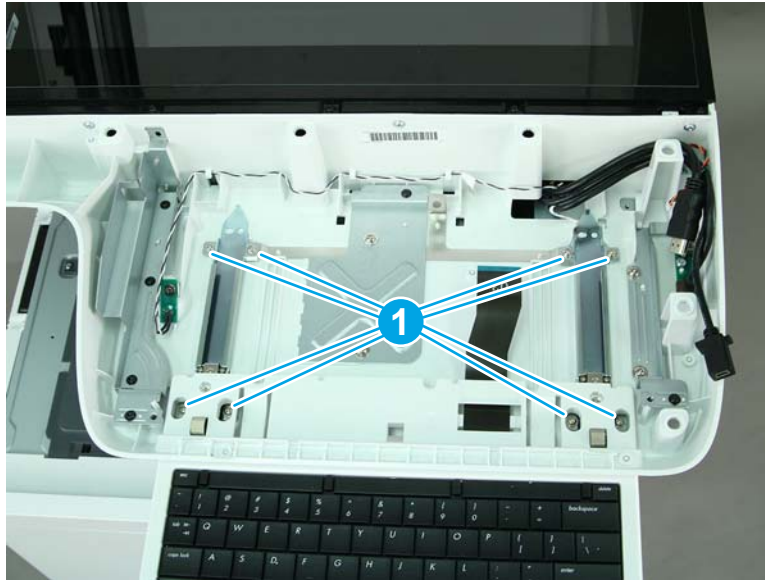
- i. **Keyboard models only:** Pull the keyboard out to its extended position.

Figure 1-674 Pull the keyboard out



- j. **Keyboard models only:** Remove eight screws (callout 1).

**Figure 1-675** Remove eight screws



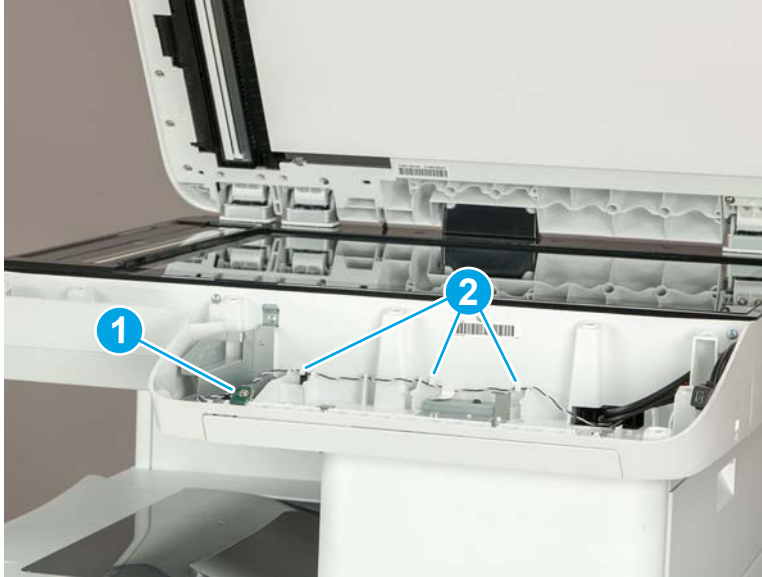
- k. **Keyboard models only:** Remove the keyboard and rails.

**Figure 1-676** Remove the keyboard and rails



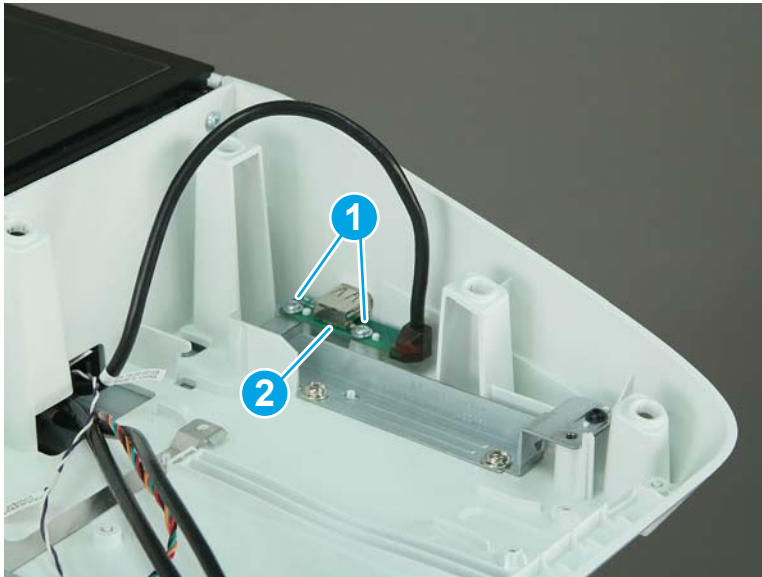
- l. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-677 Release the light PCA



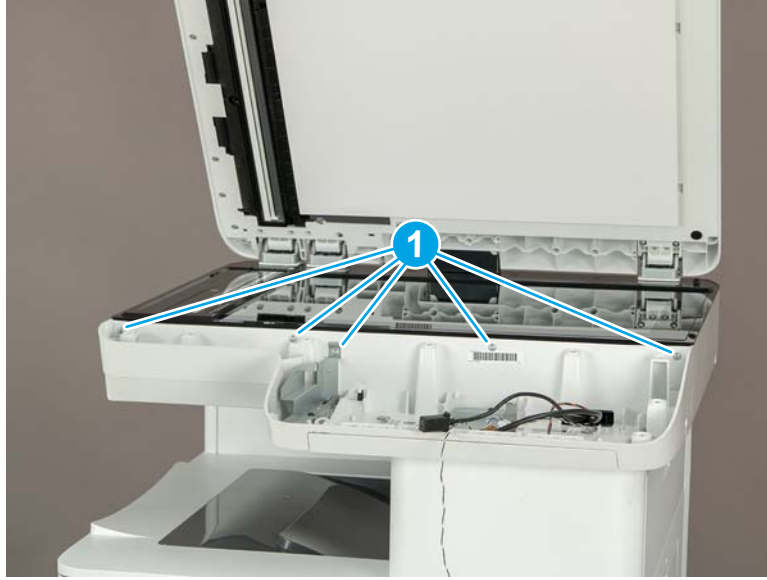
- m. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-678 Release the USB port PCA



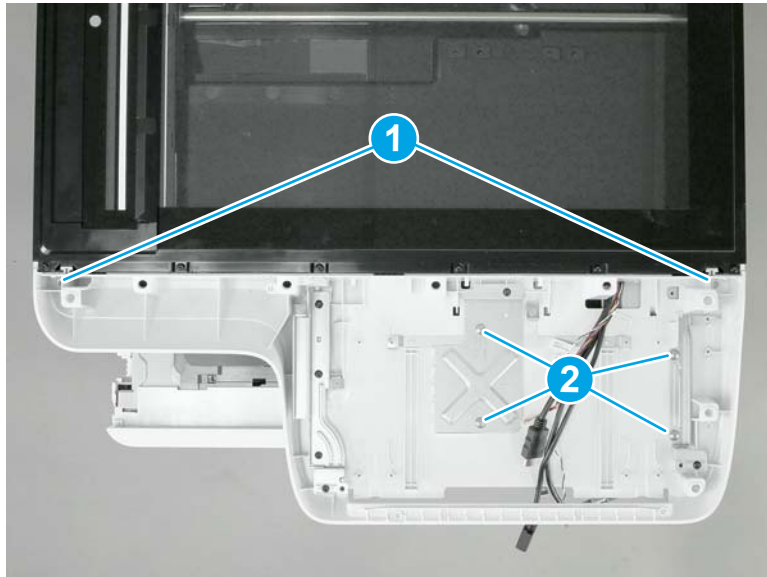
- n. Remove five screws (callout 1).

Figure 1-679 Remove four screws



- o. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

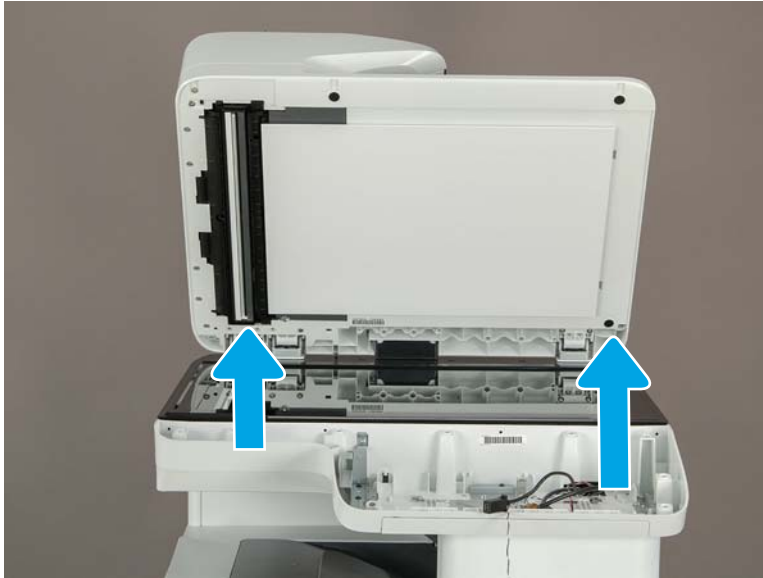
Figure 1-680 Remove six screws



- p. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

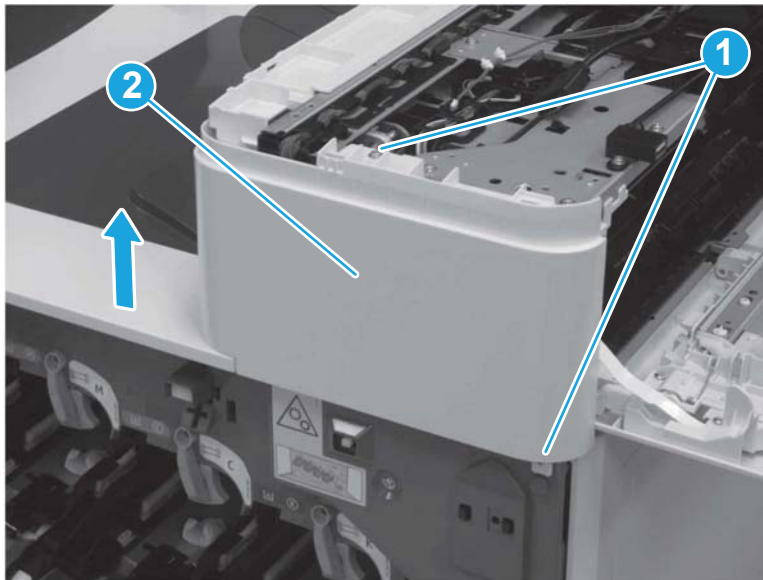
**Figure 1-681** Remove the nose cone



- 7. Remove the right front cover (M856/E85055/M776dn/M776z).

- ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

**Figure 1-682** Remove the right front cover

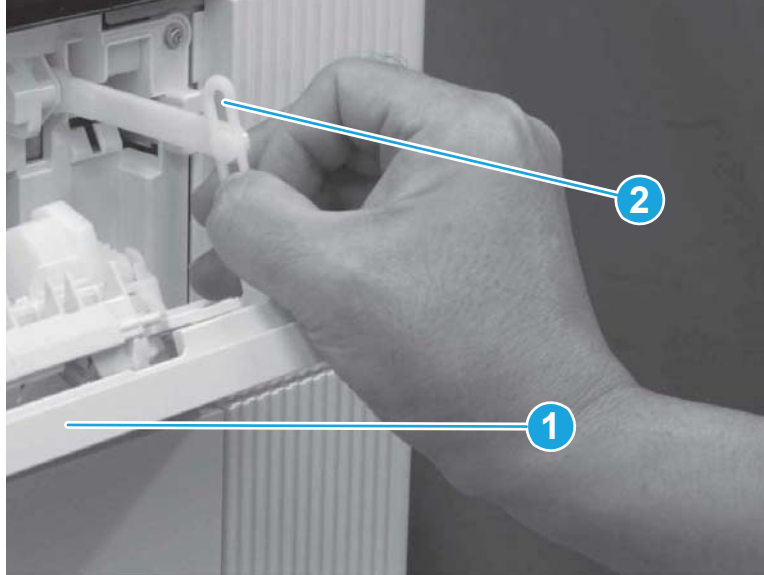


- 8. Remove the right upper door (M856/E85055/M776dn/M776z)

- a. Open the right upper door (callout 1), and then release the link (callout 2).

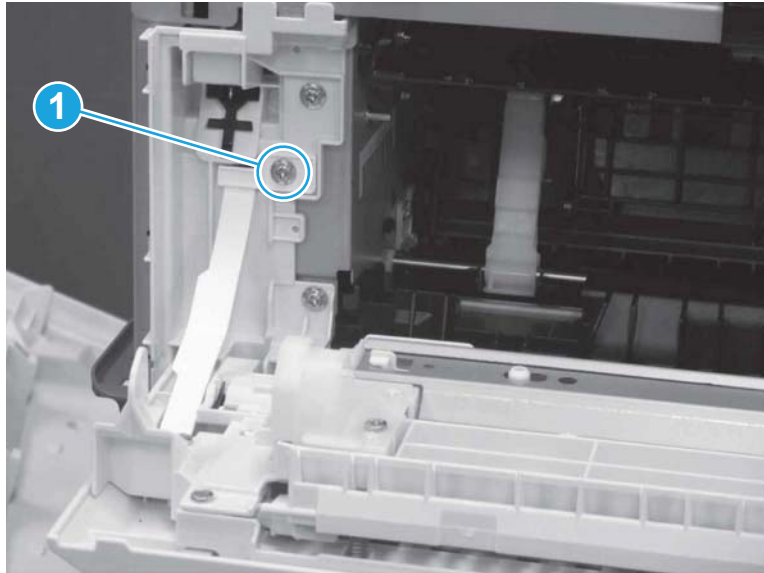


Figure 1-683 Open the door and release the link



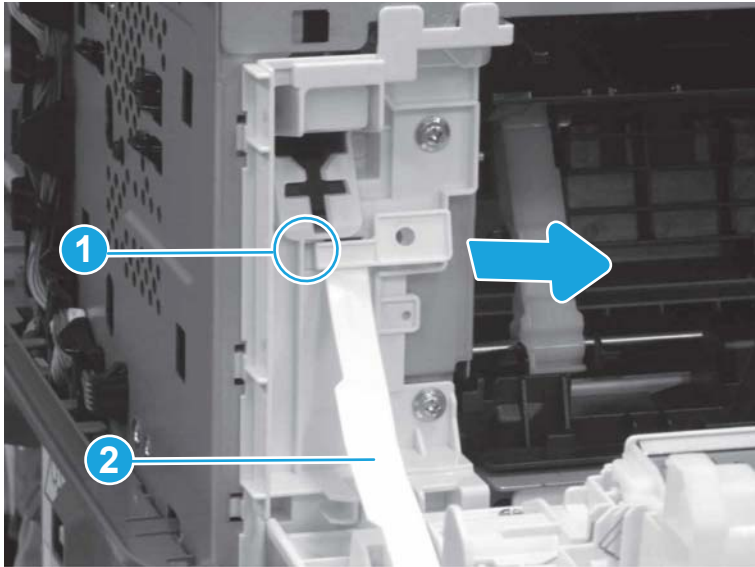
- b. Remove one screw (callout 1).

Figure 1-684 Remove one screw



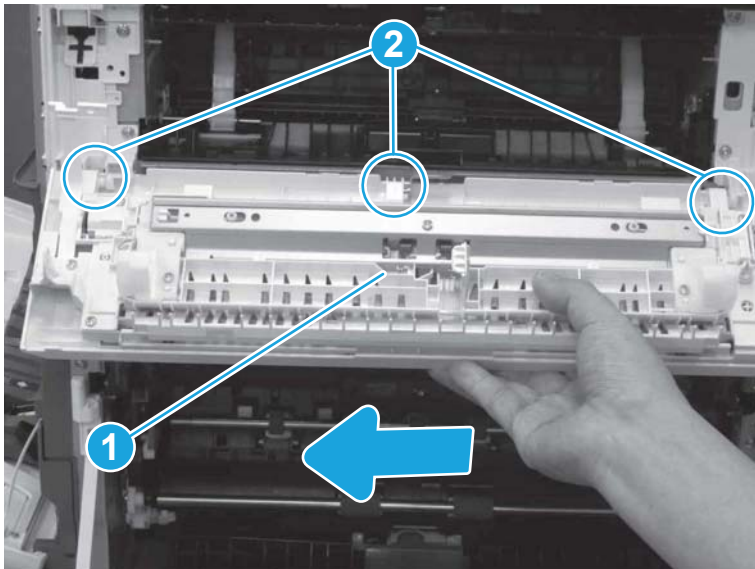
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-685 Release one boss and hinge



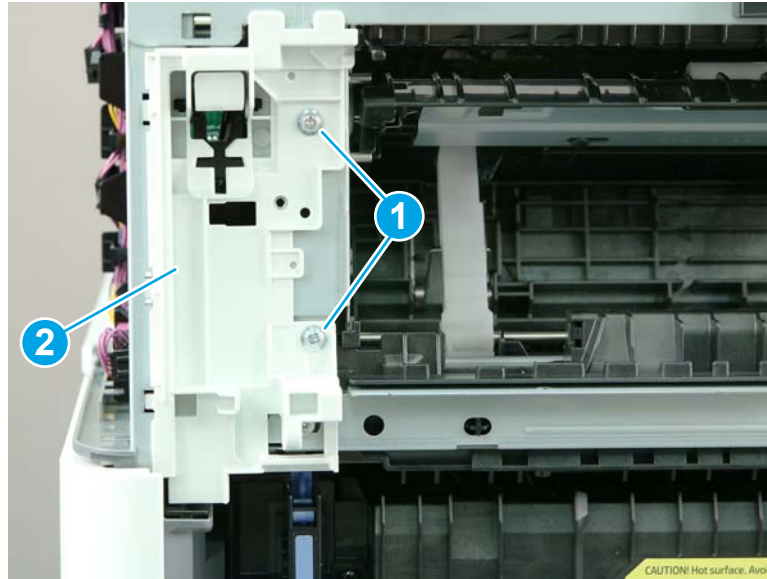
- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-686 Remove the right upper door



9. Remove the toggle front assembly (M856/E85055/M776dn/M776z).
- ▲ Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

Figure 1-687 Remove two screws and toggle front assembly (M856/E85055/M776dn/M776z)



10. Unpack the replacement assembly.

a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.



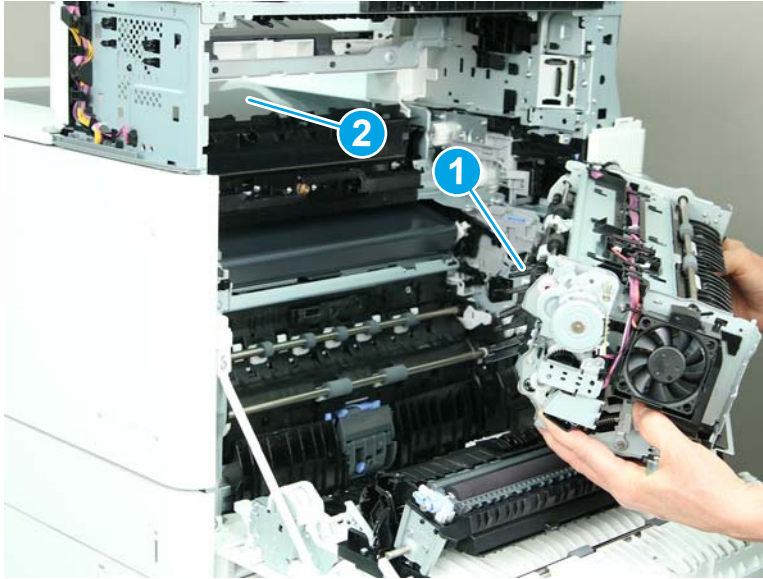
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the delivery assembly (M856/E85055/M776dn/M776z).

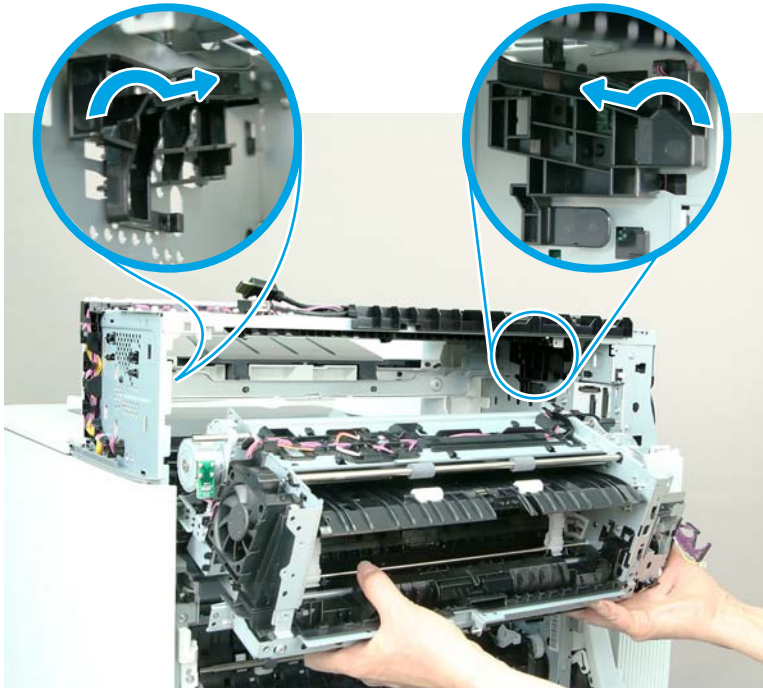
1. When reinstalling the delivery assembly, make sure that the flap (callout 1) on the delivery assembly goes through the opening (callout 2) in the cover.

**Figure 1-688** Install the flap through the opening (M856/E85055/M776dn/M776z)



2. When reinstalling the delivery assembly, position the posts on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the posts in the tracks.

**Figure 1-689** Install the delivery assembly (M856/E85055/M776dn/M776z)



### Removal and replacement: Toggle rear assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the toggle rear assembly (M856/E85055/M776dn/M776z).

 [View a video of how to remove and replace the toggle rear assembly \(M856/E85055/M776dn/M776z\).](#)


Mean time to repair: 12 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-54** Part information

Part number	Part description
RM2-1763-000CN	Toggle rear assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

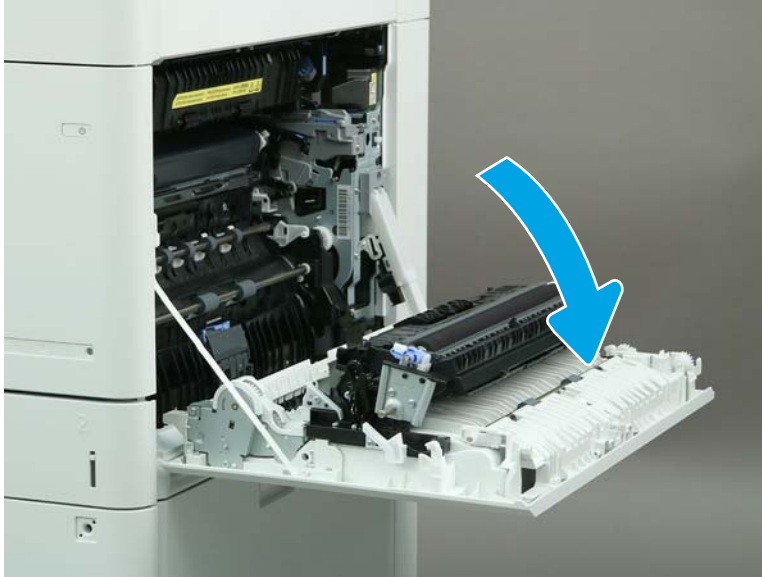
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

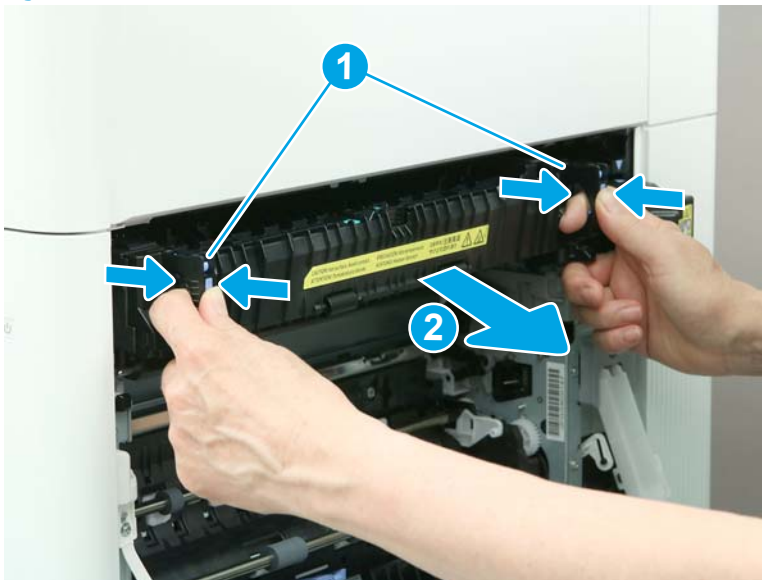
1. Remove the fuser.
  - a. Open the right door.

Figure 1-690 Open the right door



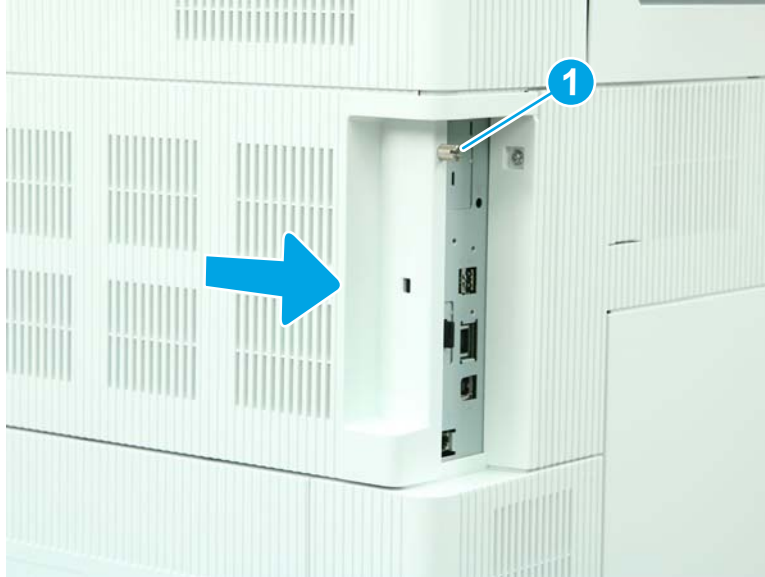
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

Figure 1-691 Remove the fuser



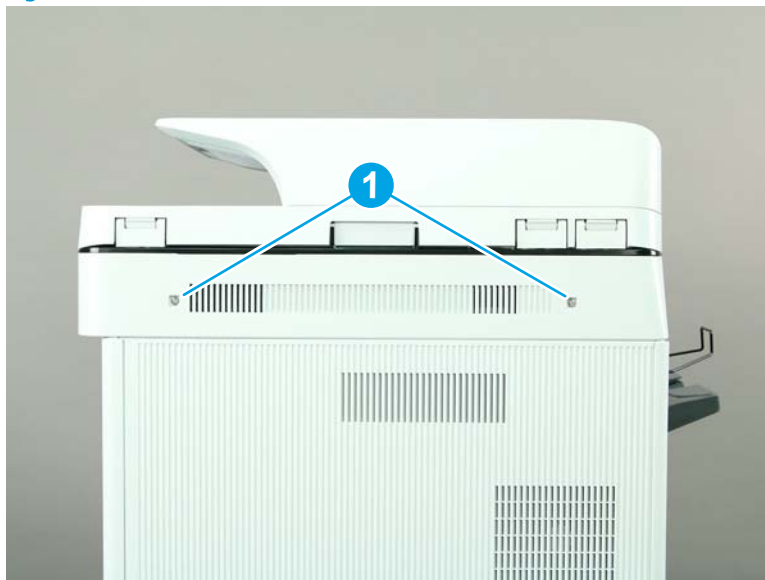
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-692 Remove the formatter cover



3. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-693 Remove two screws



- b. Remove the SCB cover.

**Figure 1-694** Remove the SCB cover



4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

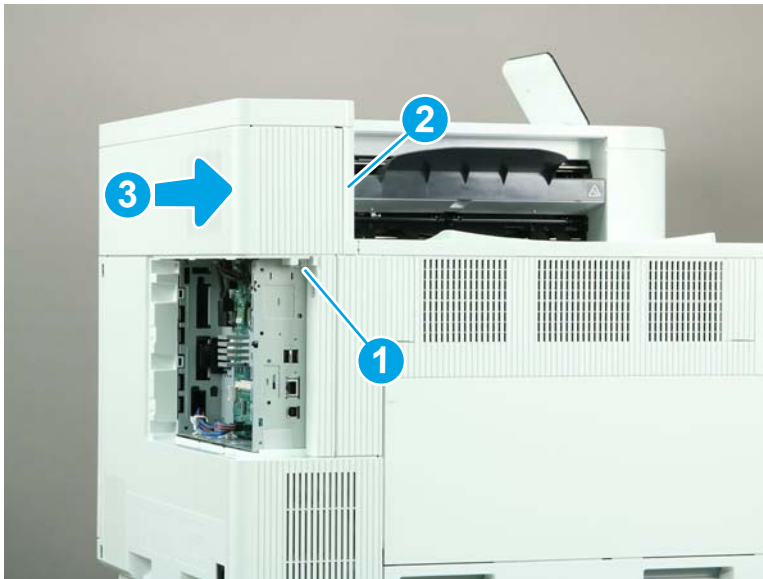
---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

---

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-695** Remove the rear upper cover



5. **M856/E85055 only:** Remove the control panel and top cover.

---

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

---

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).



Figure 1-696 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-697 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-698 Slide the control panel back



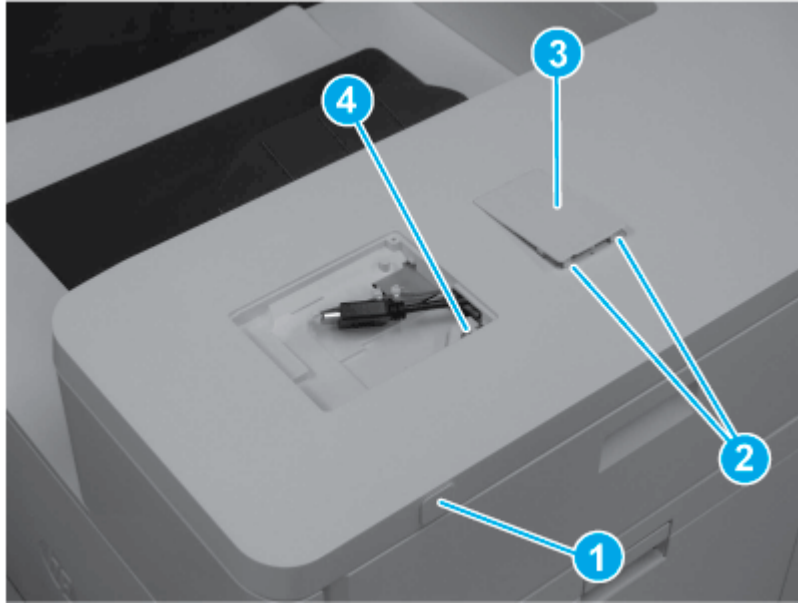
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-699 Disconnect two connectors



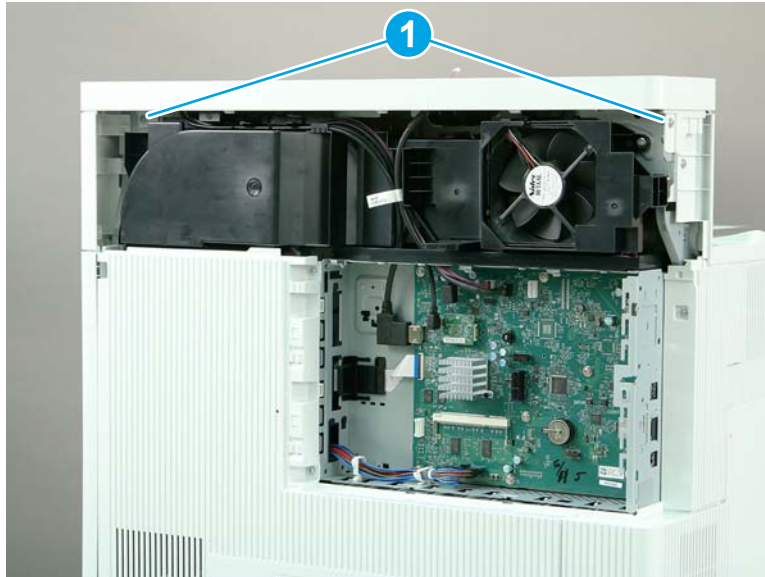
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-700 Remove covers and one screw



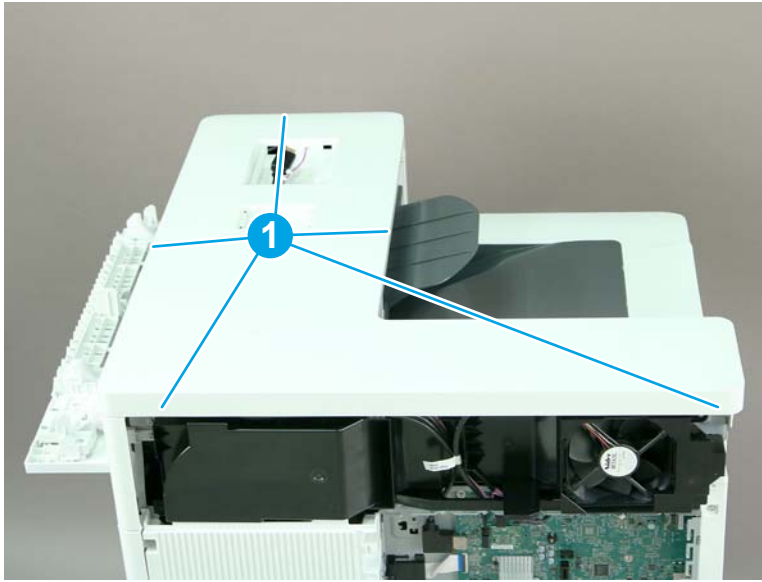
- f. Remove two screws (callout 1).

Figure 1-701 Remove two screws




- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-702 Release five tabs



- 6. **M776 only:** Remove the control panel, keyboard, and nose cone.

---

 **NOTE:** This step applies to only the M776 models. Skip this step for all other models

---

- a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-703 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-704** Release the control panel cover



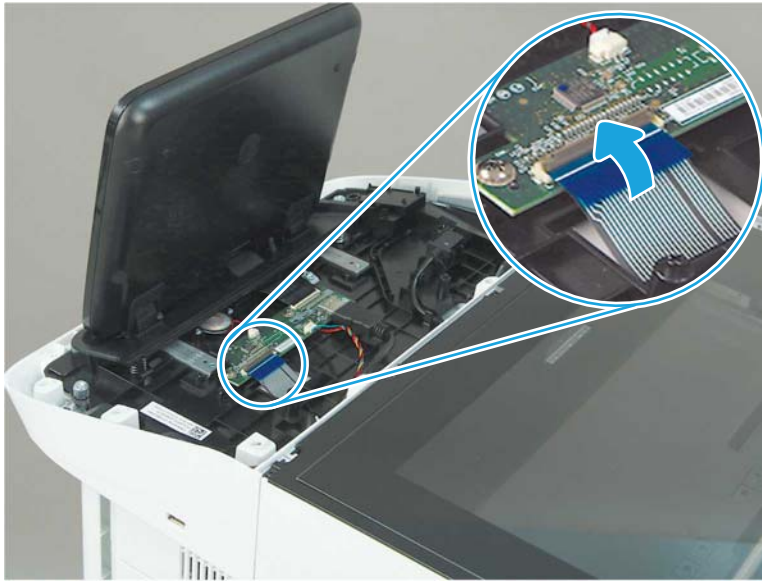
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-705** Remove the control panel cover



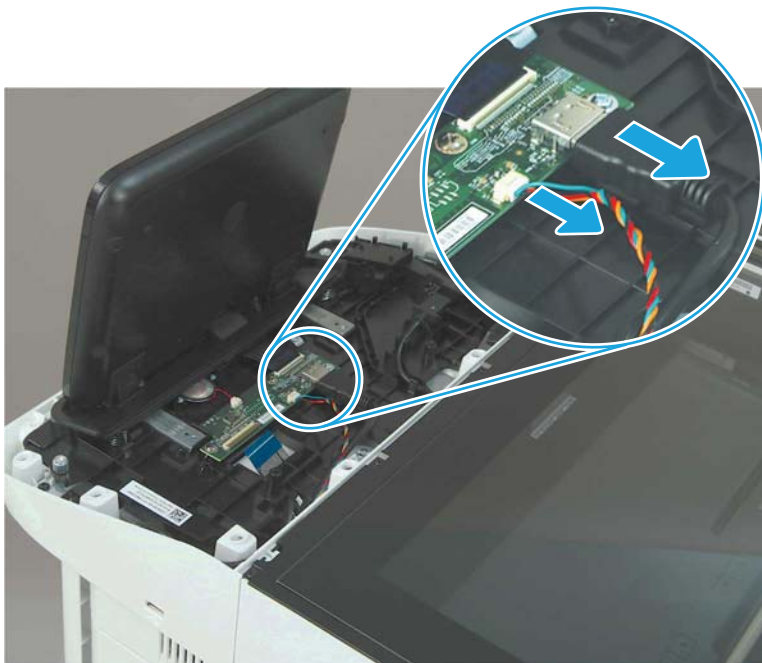
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-706** Release the keyboard flat cable (M776z/M776zs)



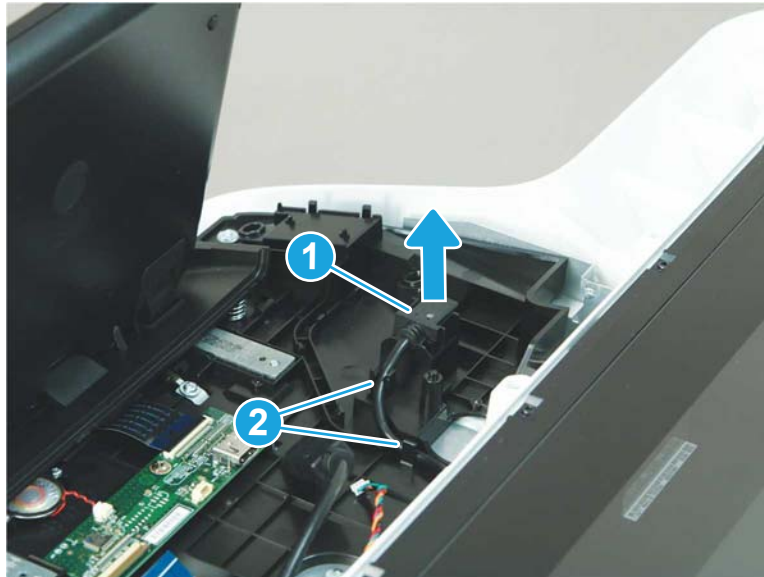
- e. Disconnect two connectors.

**Figure 1-707** Disconnect two connectors



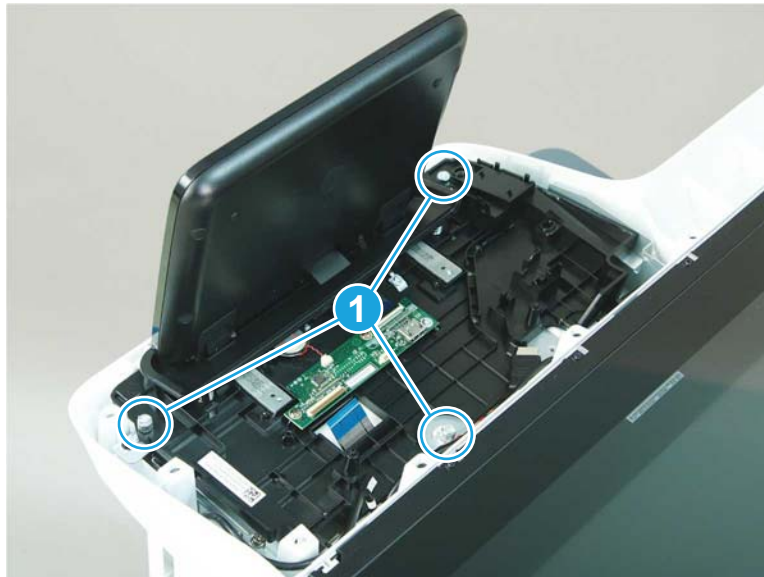
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-708 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-709 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-710 Remove the control panel



- i. **Keyboard models only:** Pull the keyboard out to its extended position.

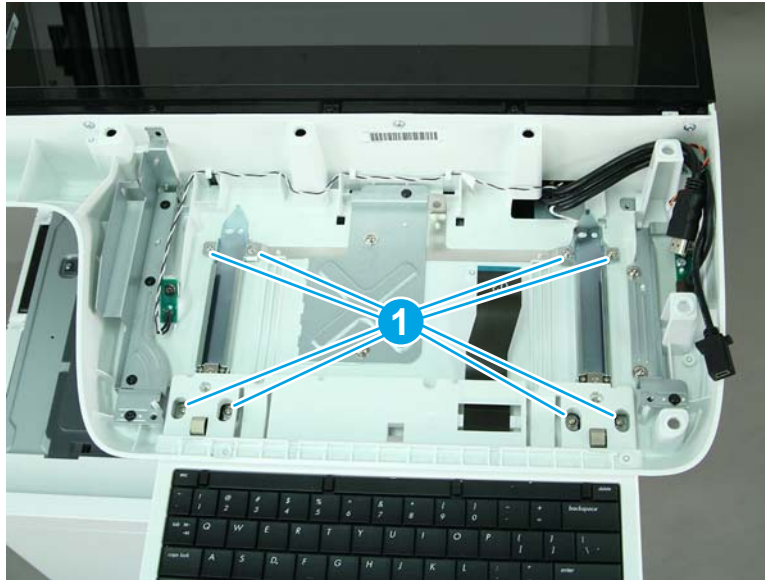
Figure 1-711 Pull the keyboard out





- j. **Keyboard models only:** Remove eight screws (callout 1).

**Figure 1-712** Remove eight screws



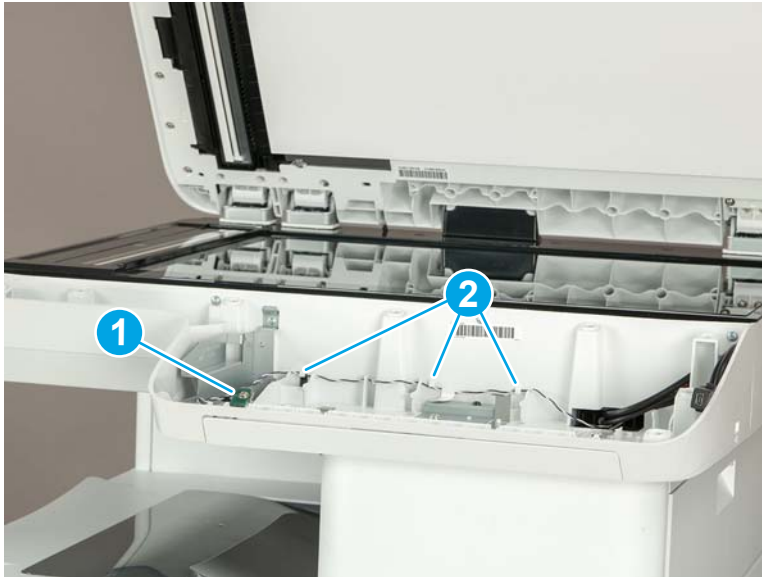
- k. **Keyboard models only:** Remove the keyboard and rails.

**Figure 1-713** Remove the keyboard and rails



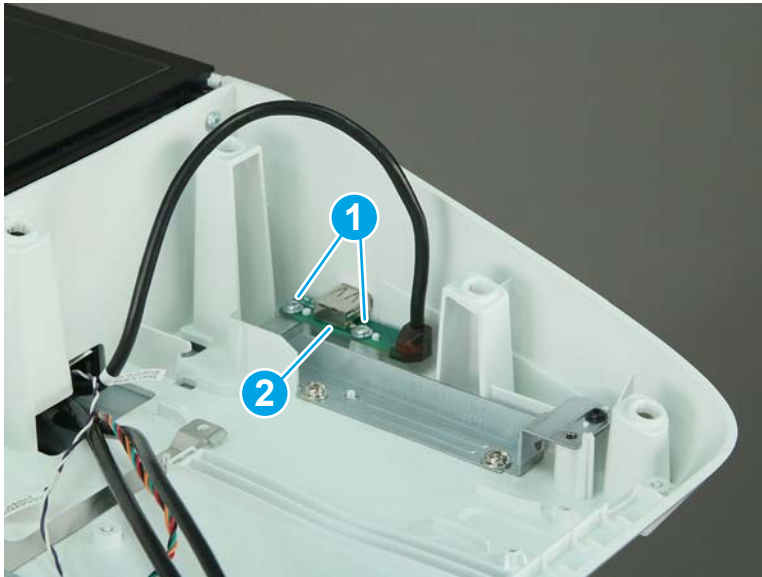
- l. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-714 Release the light PCA



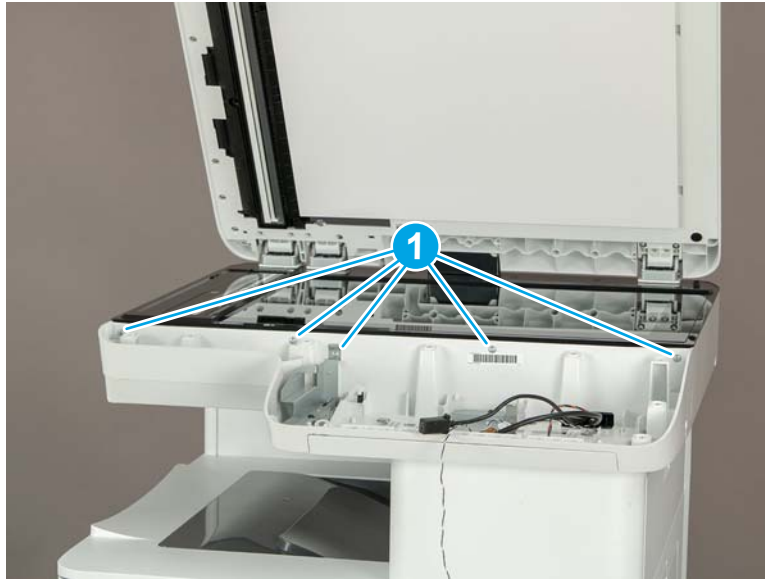
- m. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-715 Release the USB port PCA



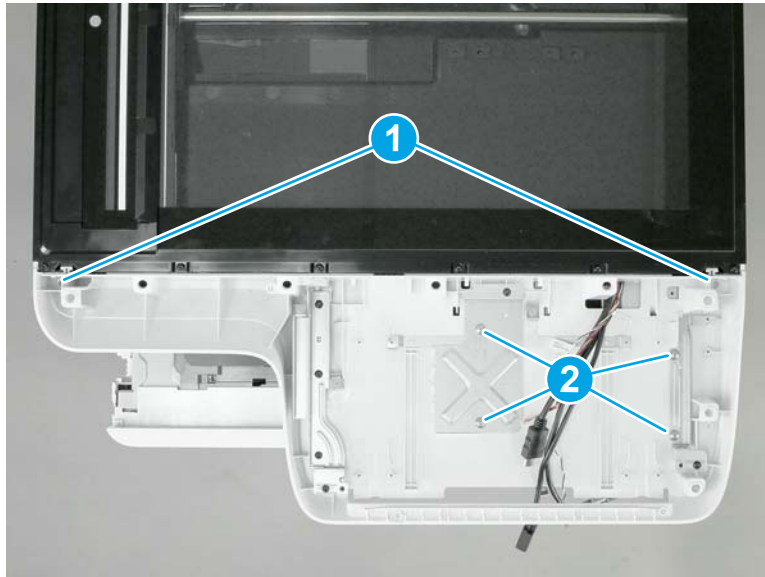
- n. Remove five screws (callout 1).

Figure 1-716 Remove four screws



- o. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

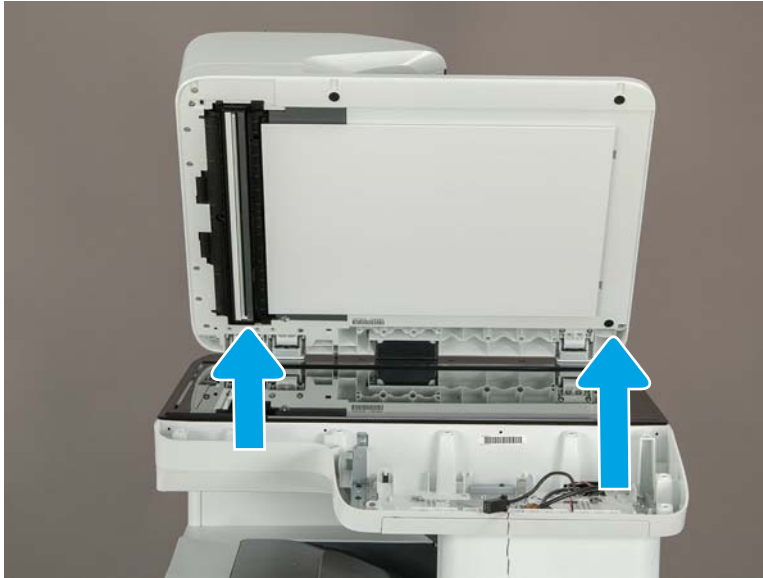
Figure 1-717 Remove six screws



- p. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

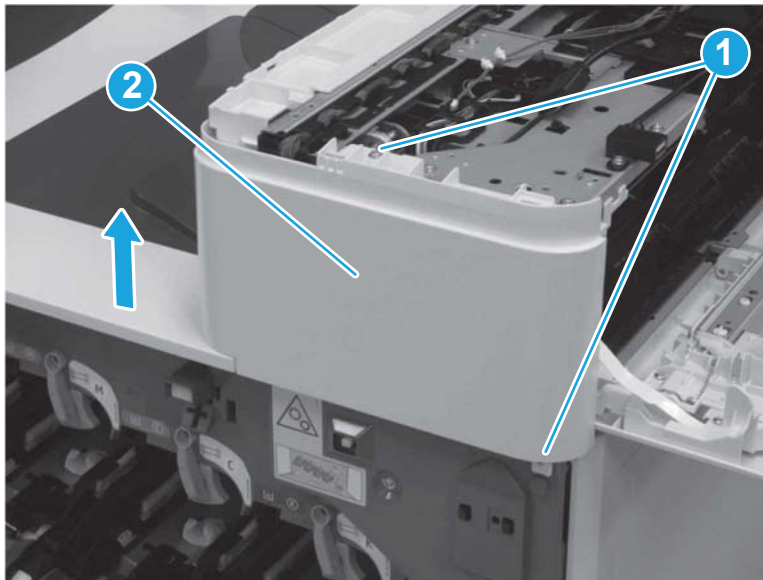
**Figure 1-718** Remove the nose cone



7. Remove the right front cover (M856/E85055/M776dn/M776z).

- ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

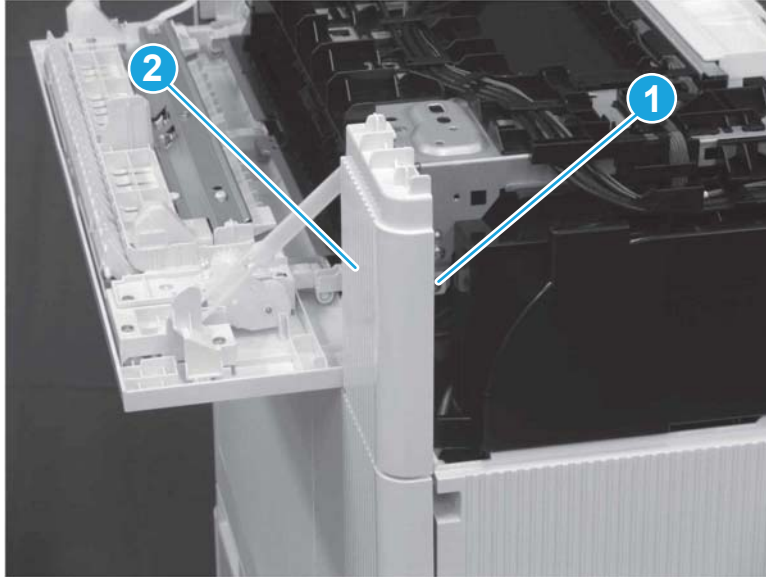
**Figure 1-719** Remove the right front cover



8. Remove the right rear upper cover (M856/E85055/M776dn/M776z)

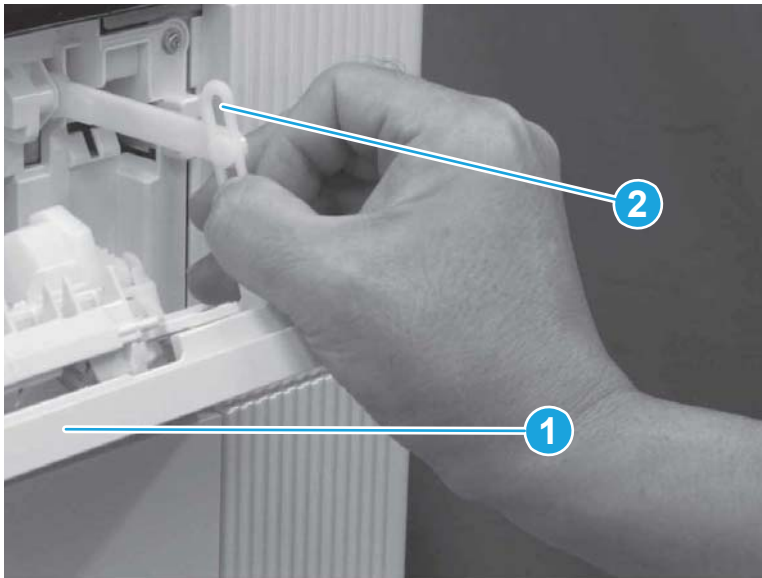
- ▲ Remove one screw (callout 1), and then slide the right rear upper cover (callout 2) away from the printer to remove it.

Figure 1-720 Remove the right rear upper cover



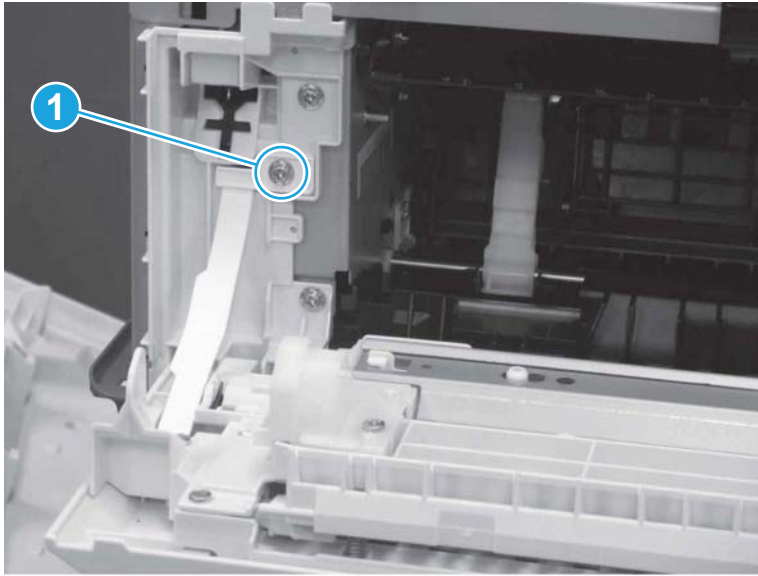
9. Remove the right upper door (M856/E85055/M776dn/M776z)
  - a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-721 Open the door and release the link



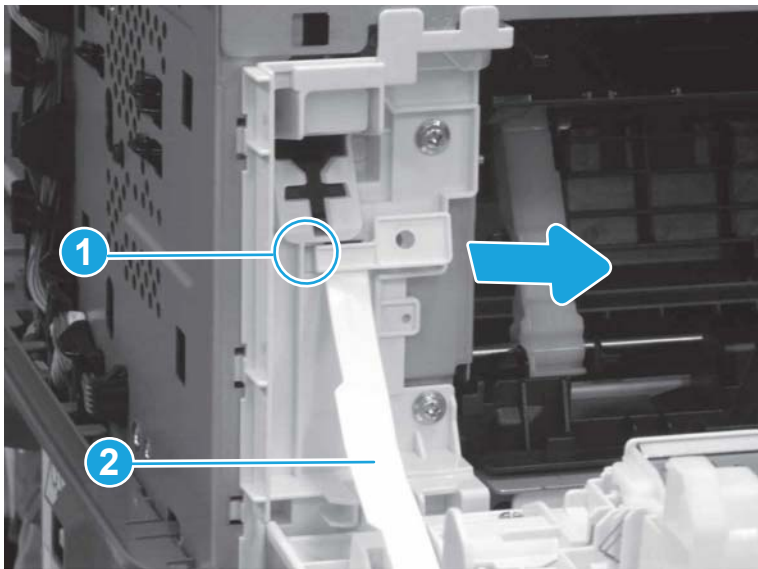
- b. Remove one screw (callout 1).

Figure 1-722 Remove one screw



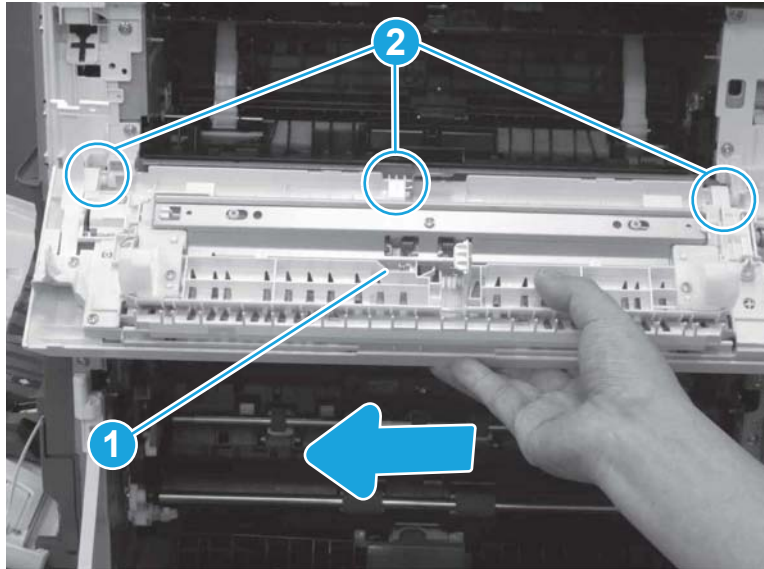
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-723 Release one boss and hinge




- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

**Figure 1-724** Remove the right upper door

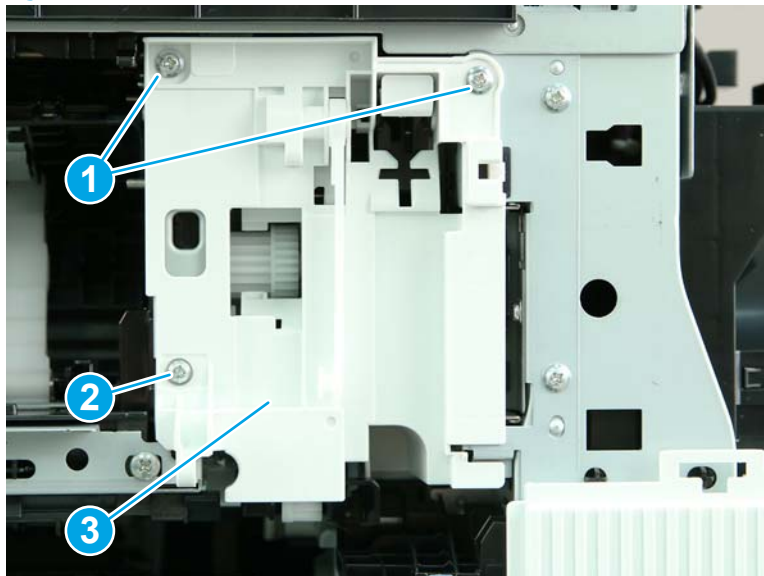


10. Remove the toggle rear assembly (M856/E85055/M776dn/M776z).

- ▲ Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3).

 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.


**Figure 1-725** Remove two screws and toggle rear assembly (M856/E85055/M776dn/M776z)



11. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Duplex reverse guide assembly (M856/E85055)

Learn how to remove and replace the duplex reverse guide assembly (M856/E85055/M776dn/M776z).


Mean time to repair: 18 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-55** Part information

Part number	Part description
RM2-2690-000CN	Duplex reverse guide assembly

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.



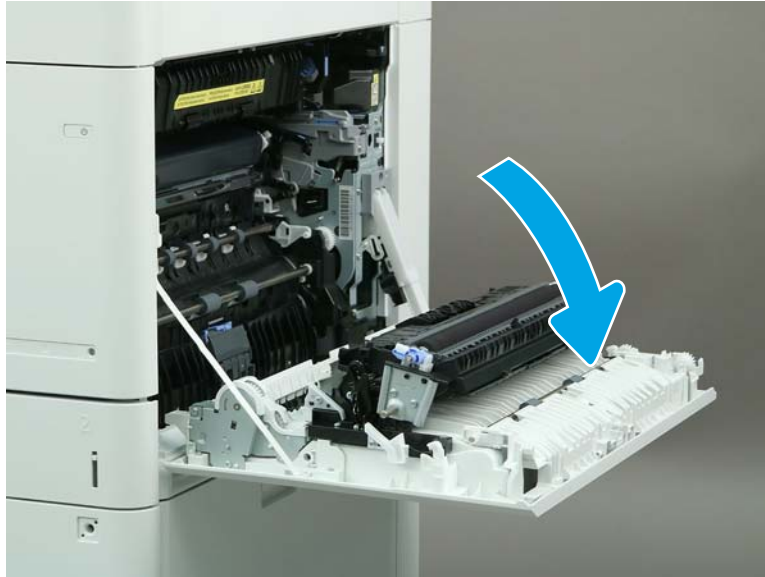
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

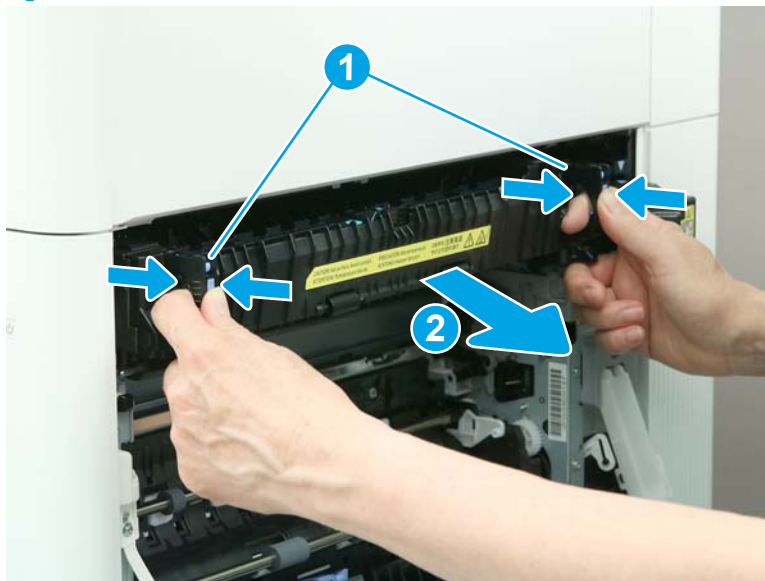
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-726** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

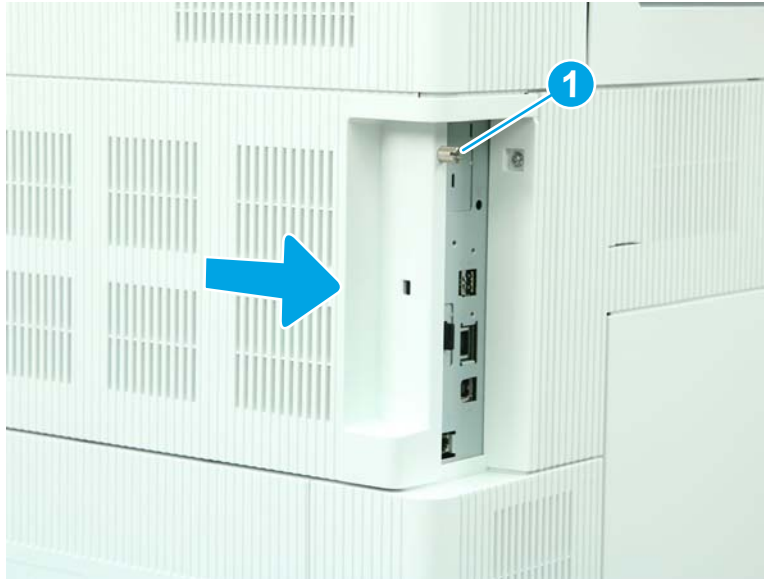
**Figure 1-727** Remove the fuser



2. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-728 Remove the formatter cover



3. Remove the rear upper cover (M856/E85055/M776dn/M776z).

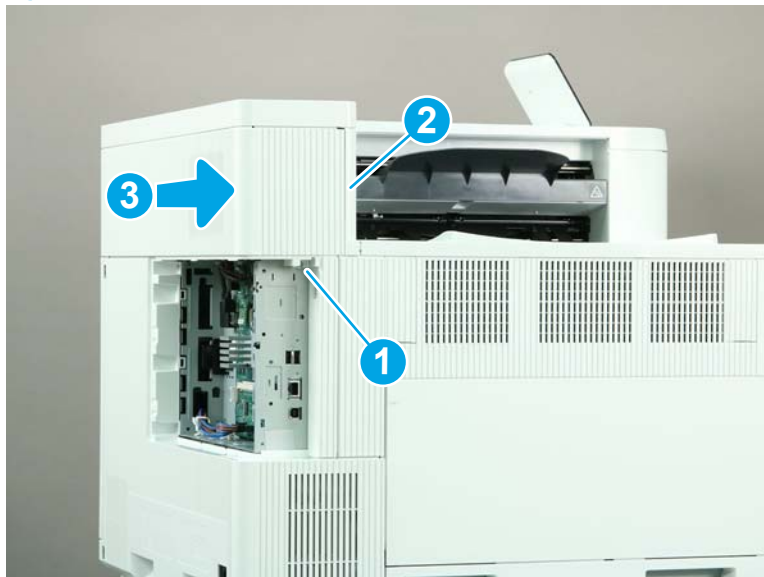
---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

---

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-729 Remove the rear upper cover



4. **M856/E85055 only:** Remove the control panel and top cover.

---

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

---

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

**Figure 1-730** Remove the control panel cover



- b. Remove one screw (callout 1).

**Figure 1-731** Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-732 Slide the control panel back



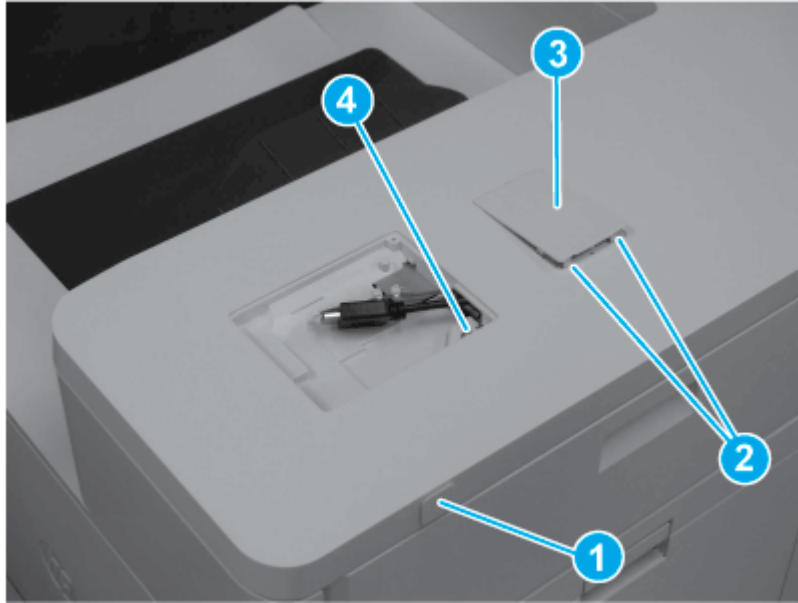
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-733 Disconnect two connectors



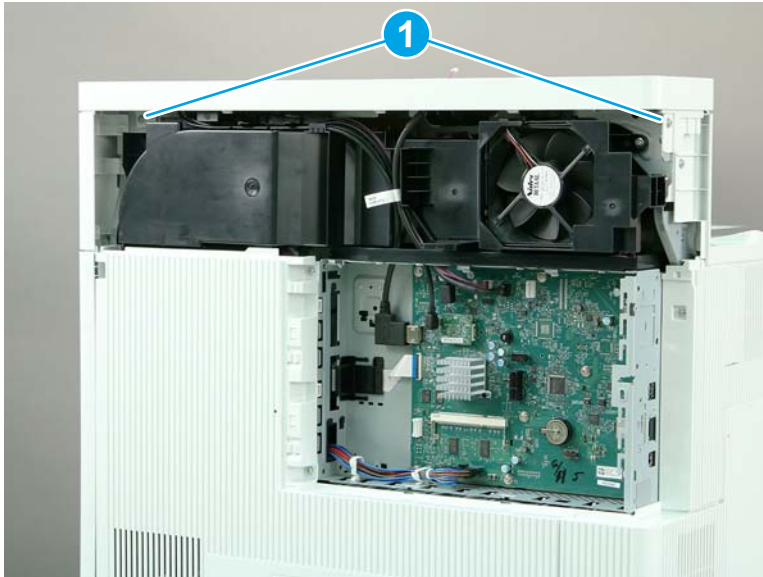
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-734 Remove covers and one screw



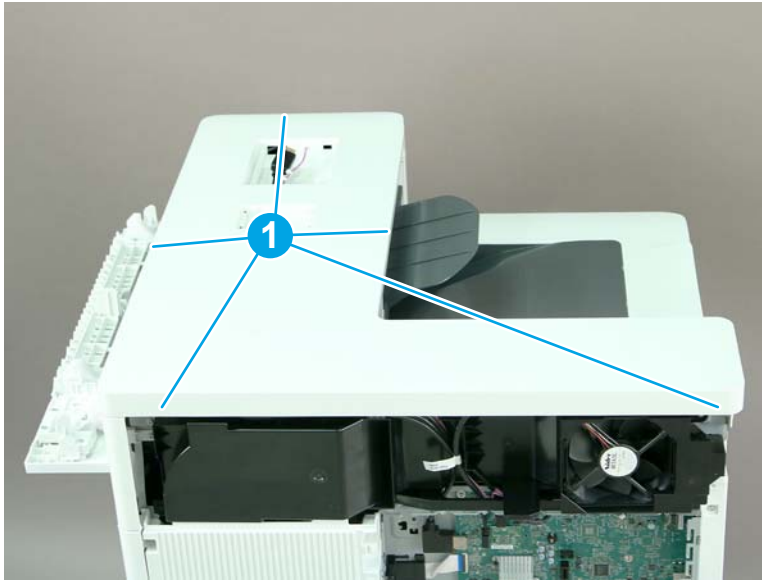
- f. Remove two screws (callout 1).

Figure 1-735 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

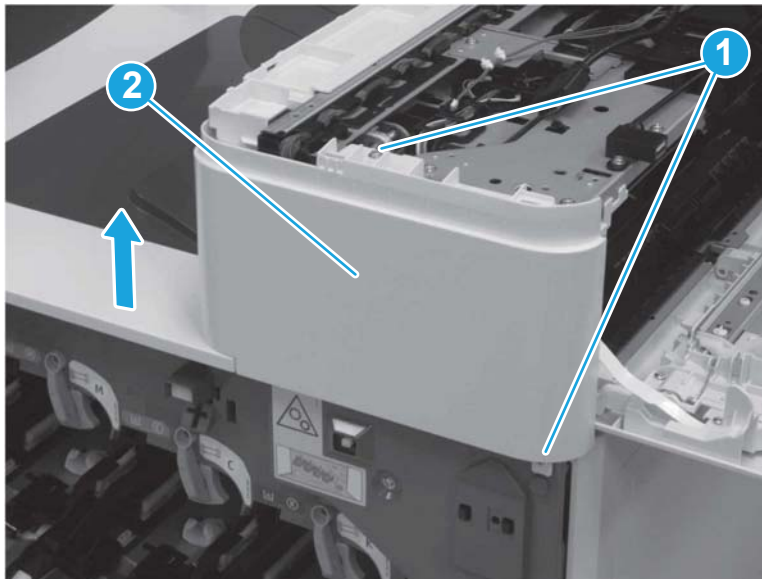
Figure 1-736 Release five tabs



5. Remove the right front cover (M856/E85055/M776dn/M776z).

- ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

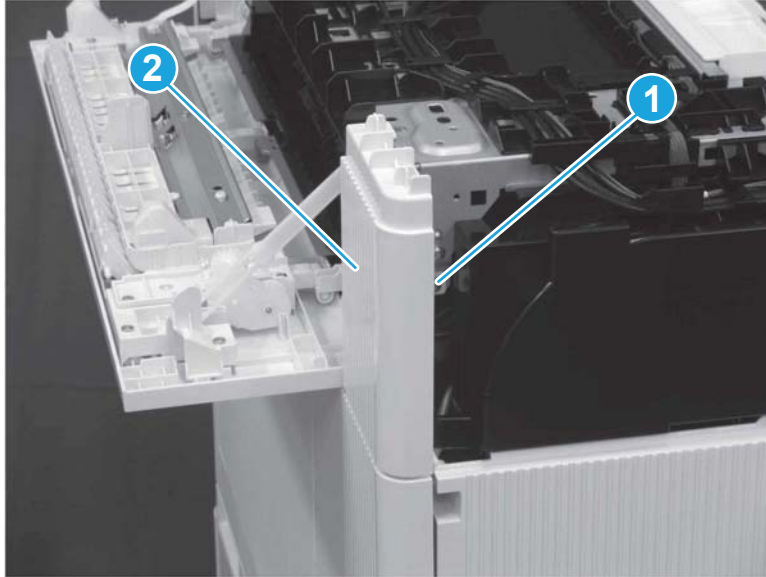
Figure 1-737 Remove the right front cover



6. Remove the right rear upper cover (M856/E85055/M776dn/M776z)

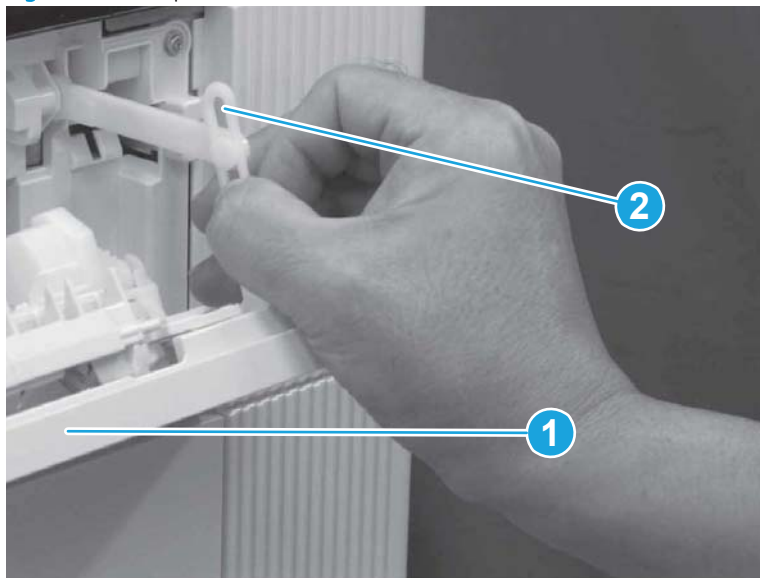
- ▲ Remove one screw (callout 1), and then slide the right rear upper cover (callout 2) away from the printer to remove it.

Figure 1-738 Remove the right rear upper cover



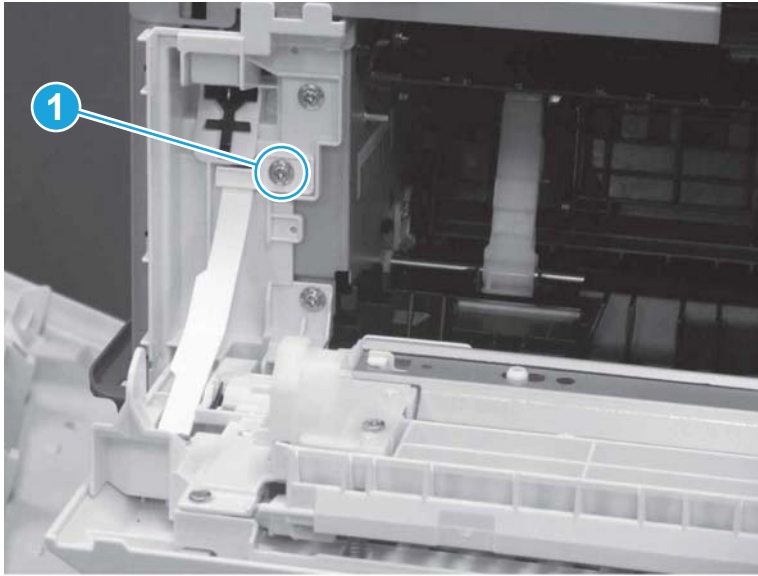
7. Remove the right upper door (M856/E85055/M776dn/M776z)
  - a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-739 Open the door and release the link



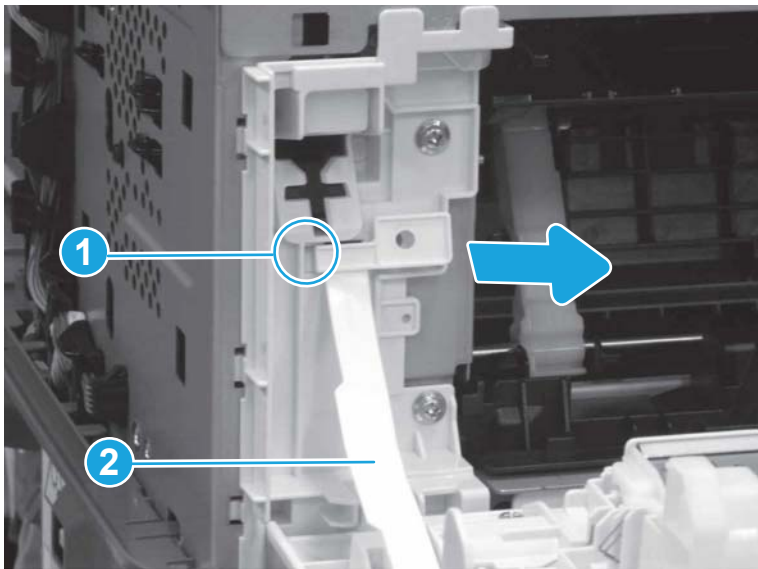
- b. Remove one screw (callout 1).

Figure 1-740 Remove one screw



- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

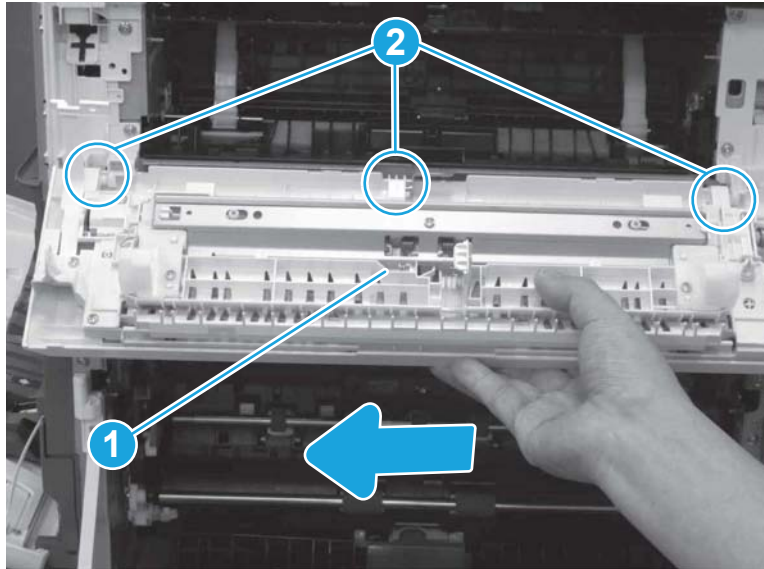
Figure 1-741 Release one boss and hinge





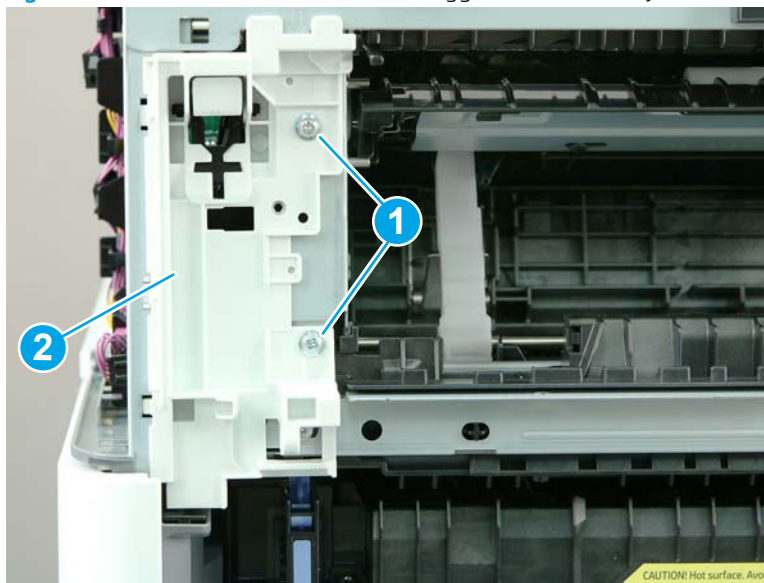
- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-742 Remove the right upper door




- 8. Remove the delivery assembly (M856/E85055/M776dn/M776z).
  - a. Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

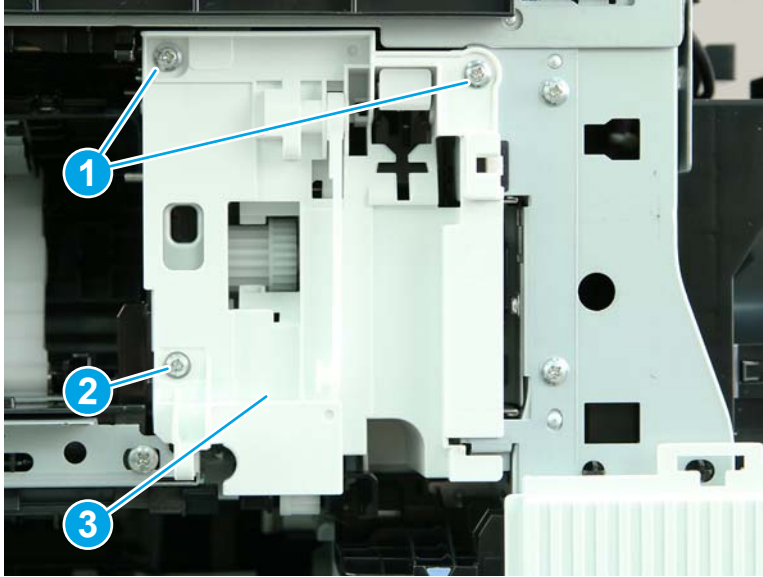
Figure 1-743 Remove two screws and toggle front assembly (M856/E85055/M776dn/M776z)



- b. Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3).

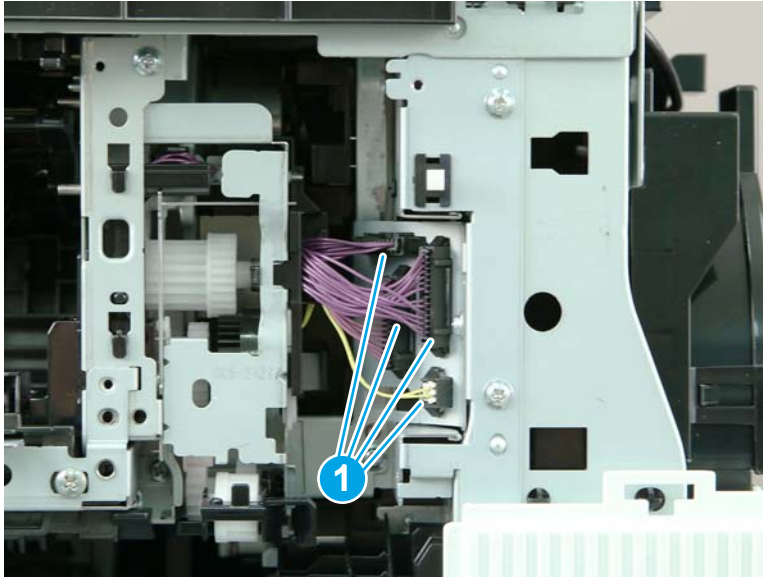
 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

**Figure 1-744** Remove three screws and toggle rear assembly (M856/E85055/M776dn/M776z)



- c. Disconnect four connectors (callout 1).

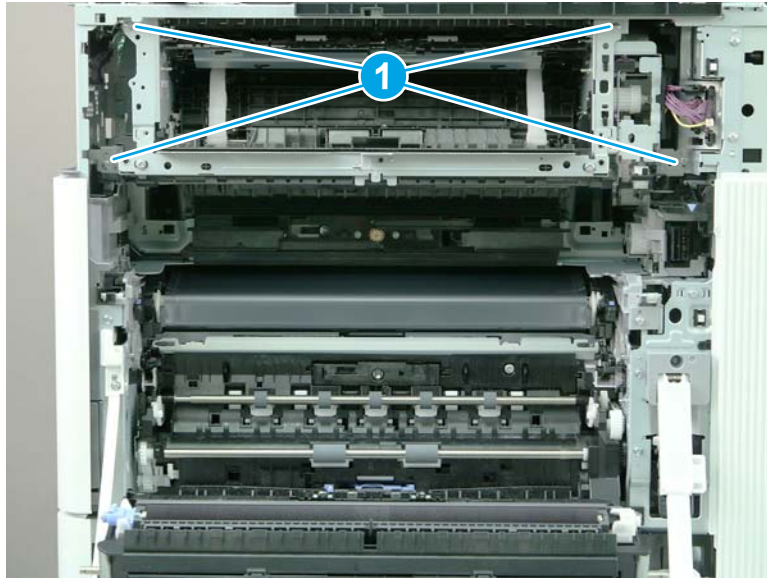
**Figure 1-745** Disconnect four connectors (M856/E85055/M776dn/M776z)



- d. Remove four screws (callout 1).

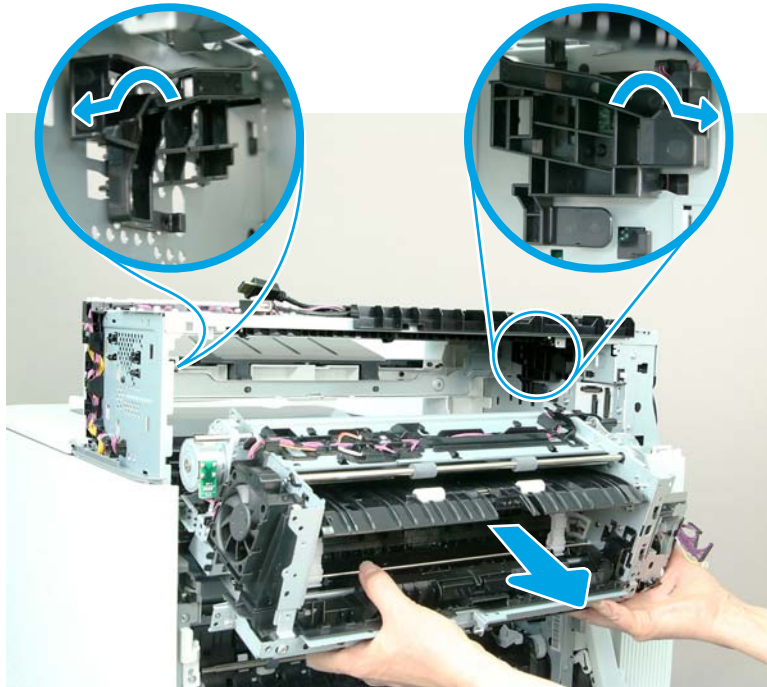
 **NOTE:** The lower screws are shorter than the upper screws. Make sure to reinstall them in the correct position.

**Figure 1-746** Remove four screws (M856/E85055/M776dn/M776z)



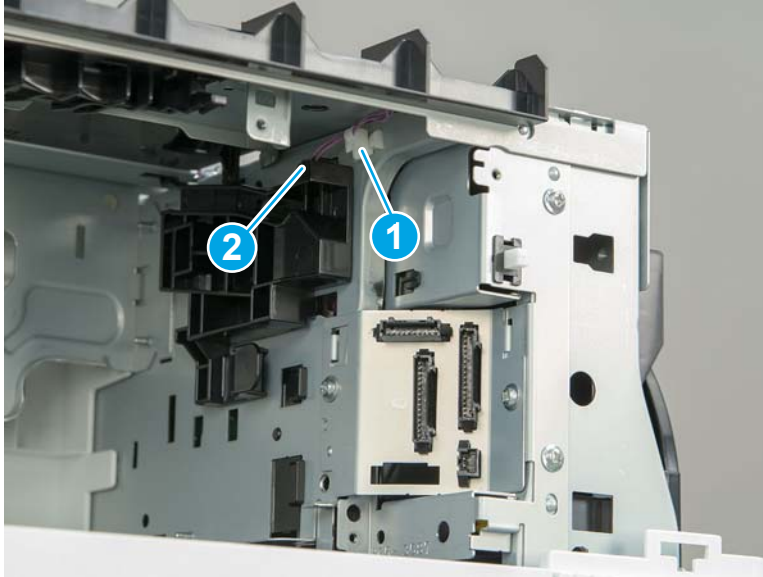
- e. Slide the delivery assembly away from the printer, and then lift up and out to release the posts from the tracks.

**Figure 1-747** Remove the delivery assembly (M856/E85055/M776dn/M776z)



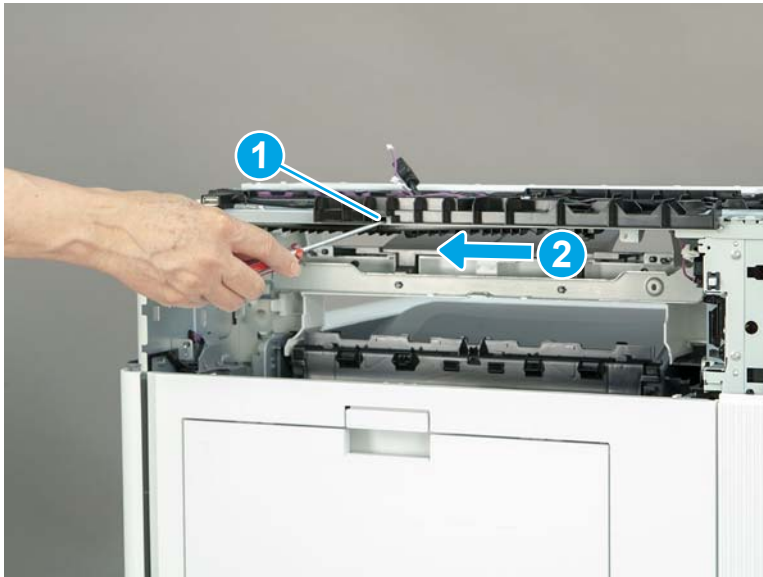
- 9. Remove the duplex reverse guide (M856/E85055/M776dn/M776z).
  - a. Release one retainer (callout 1), and then disconnect one connector (callout 2).

Figure 1-748 Release one retainer and disconnect one connector



- b. Release one tab (callout 1), and then slide the duplex reverse guide to the left to release it (callout 2).

Figure 1-749 Release the duplex reverse guide



- c. Remove the duplex reverse guide.

**Figure 1-750** Remove the duplex reverse guide



10. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



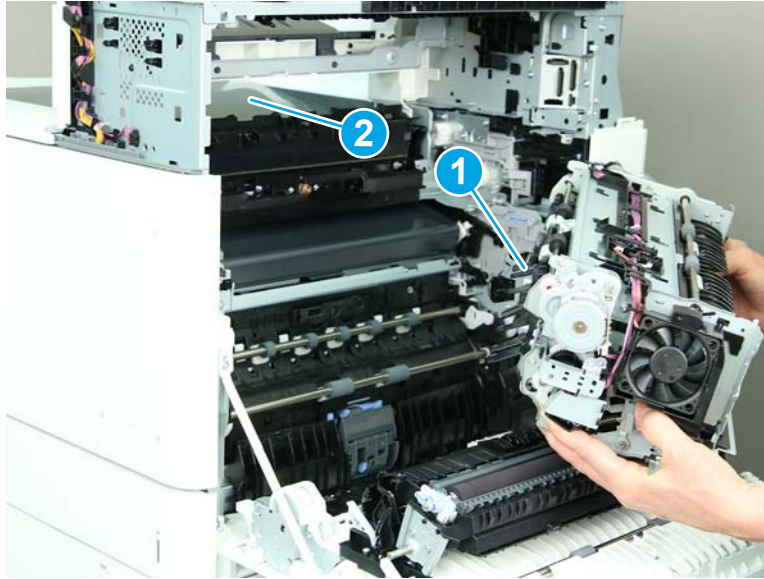
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the delivery assembly (M856/E85055/M776dn/M776z).

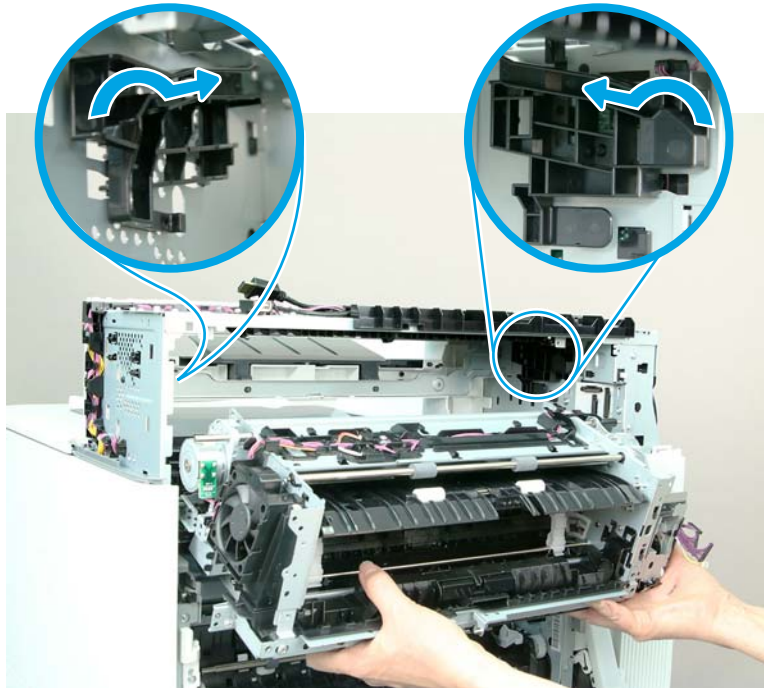
1. When reinstalling the delivery assembly, make sure that the flap (callout 1) on the delivery assembly goes through the opening (callout 2) in the cover.

**Figure 1-751** Install the flap through the opening (M856/E85055/M776dn/M776z)



2. When reinstalling the delivery assembly, position the posts on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the posts in the tracks.

**Figure 1-752** Install the delivery assembly (M856/E85055/M776dn/M776z)



### Removal and replacement: Duplex reverse guide assembly (M776dn/M776z)

Learn how to remove and replace the duplex reverse guide assembly (M856/E85055/M776dn/M776z).


Mean time to repair: 18 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-56 Part information

Part number	Part description
RM2-2690-000CN	Duplex reverse guide assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

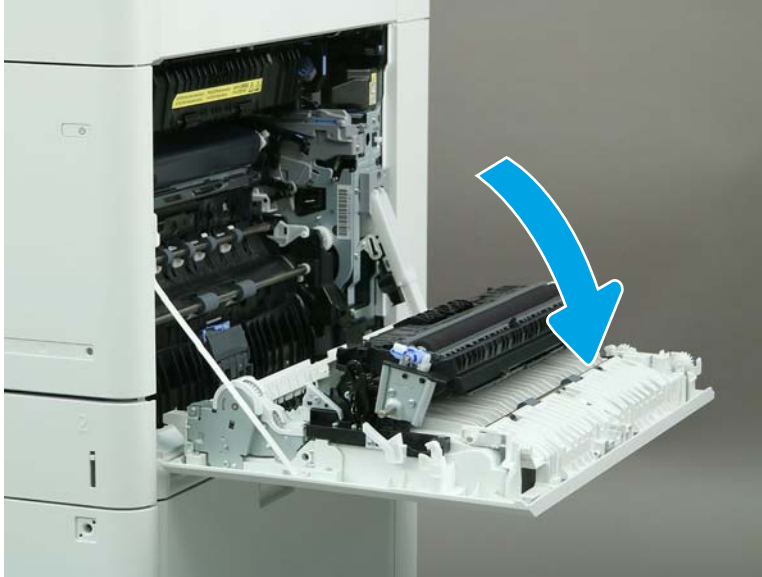
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

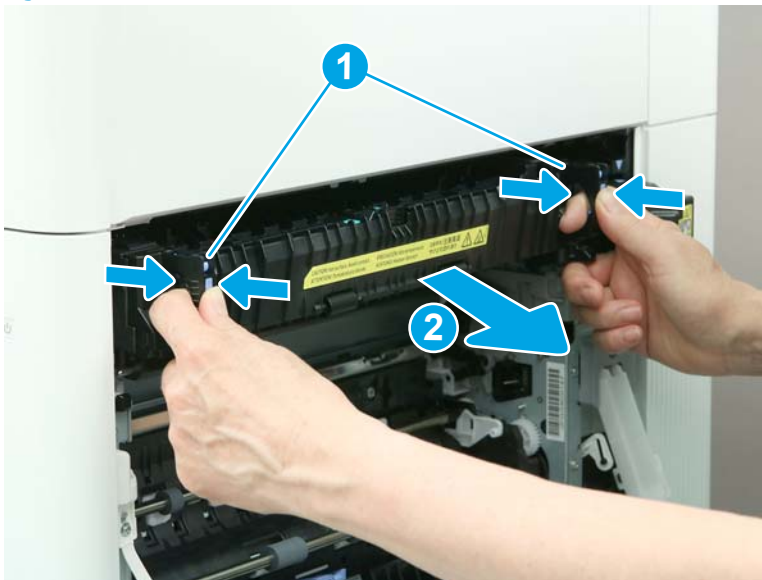
1. Remove the fuser.
  - a. Open the right door.

Figure 1-753 Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

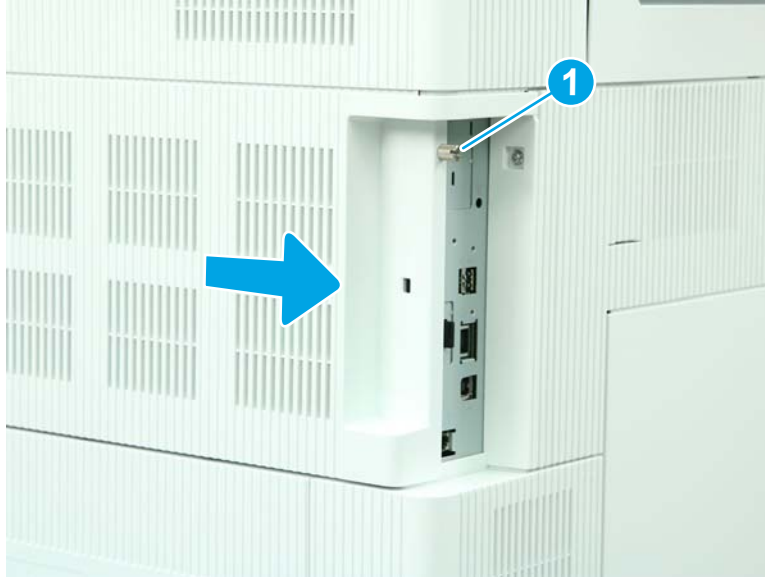
Figure 1-754 Remove the fuser



2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

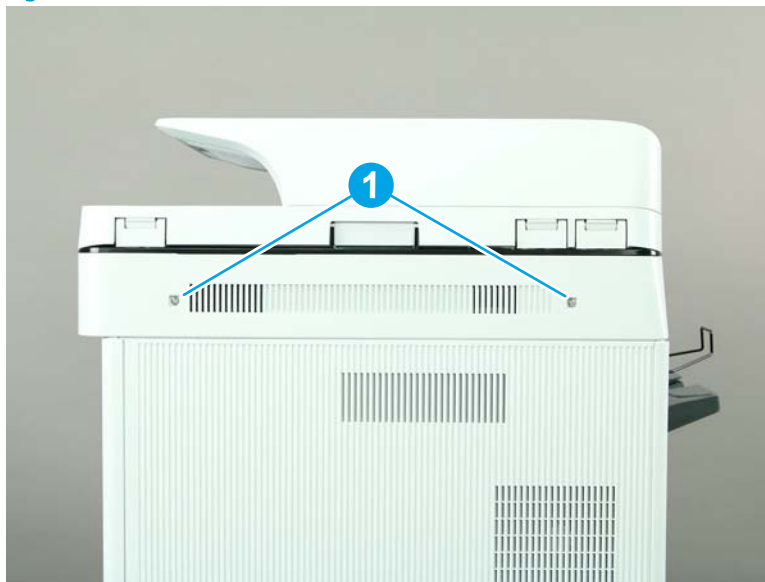


Figure 1-755 Remove the formatter cover



3. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-756 Remove two screws



- b. Remove the SCB cover.

**Figure 1-757** Remove the SCB cover



4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

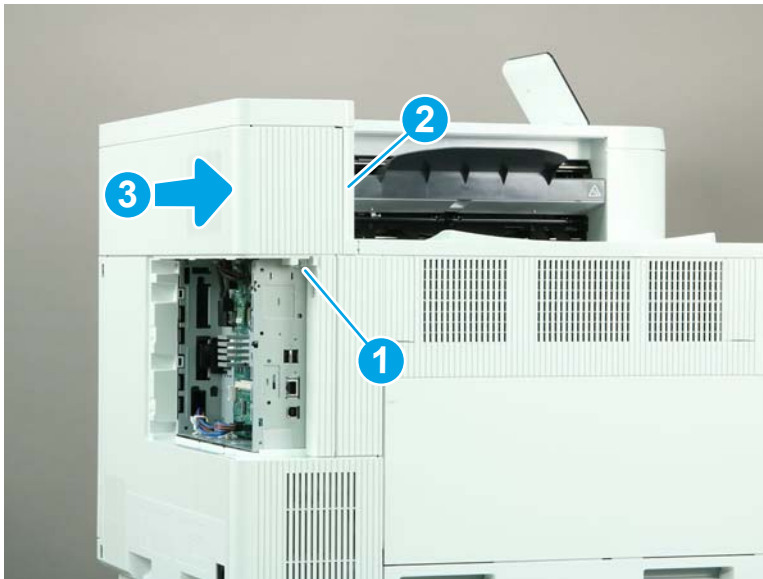
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 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

---


- a. Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-758** Remove the rear upper cover



5. **M776 only:** Remove the control panel, keyboard, and nose cone.

---

 **NOTE:** This step applies to only the M776 models. Skip this step for all other models

---

- a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-759 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

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 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-760 Release the control panel cover



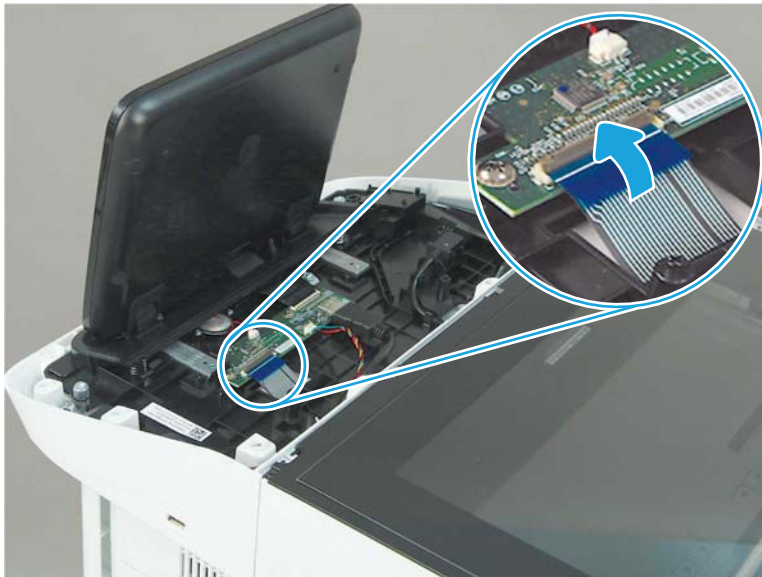
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-761 Remove the control panel cover



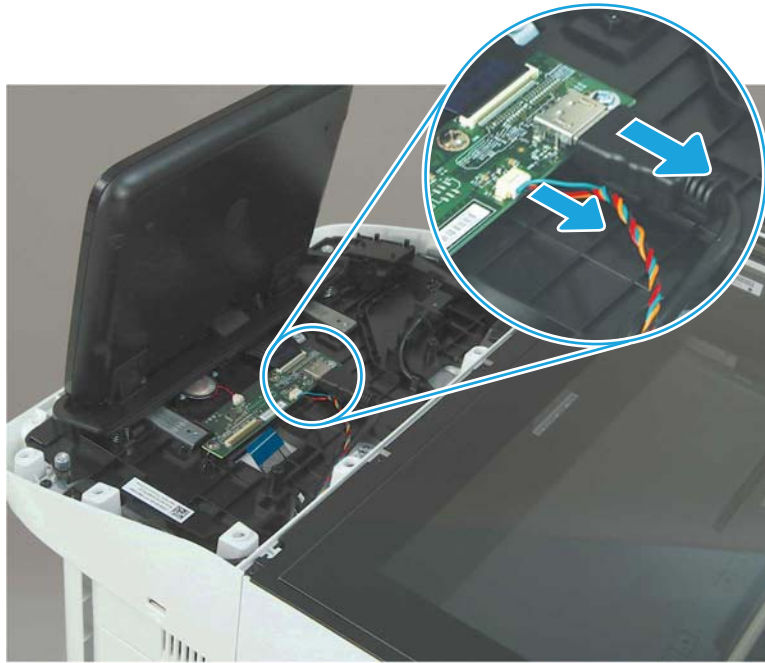
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-762 Release the keyboard flat cable (M776z/M776zs)



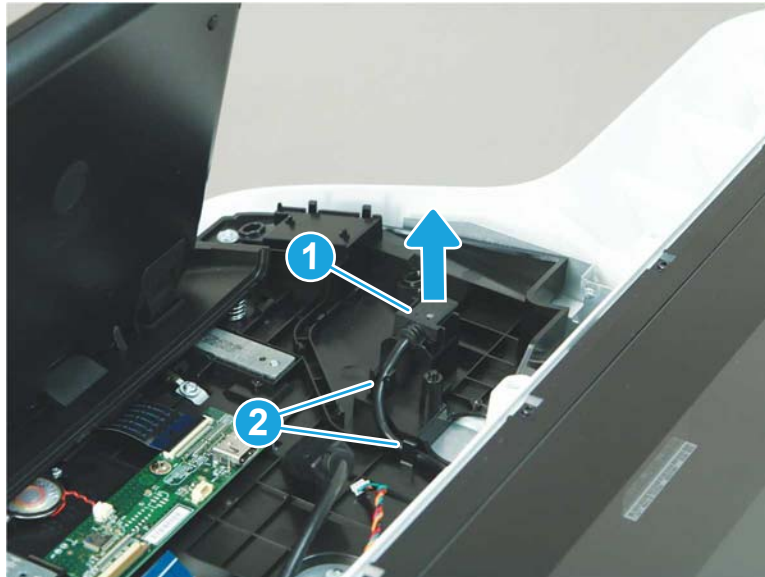
- e. Disconnect two connectors.

Figure 1-763 Disconnect two connectors



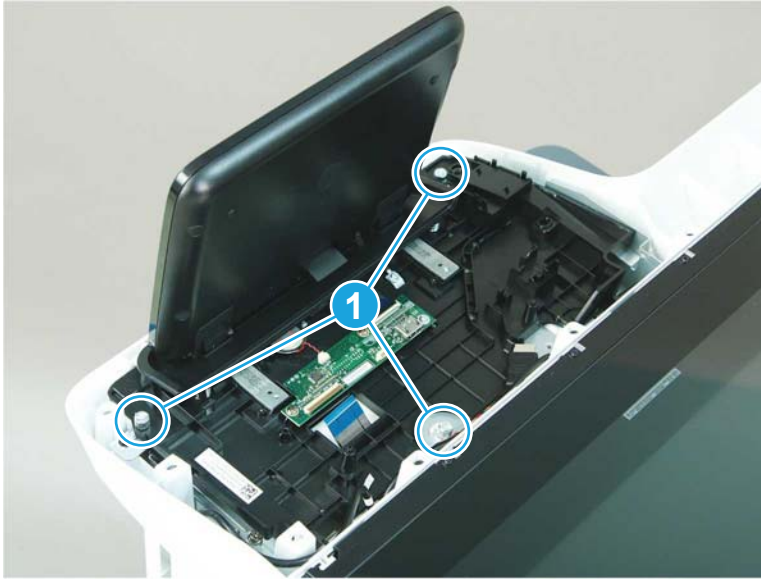
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-764 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-765 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-766 Remove the control panel



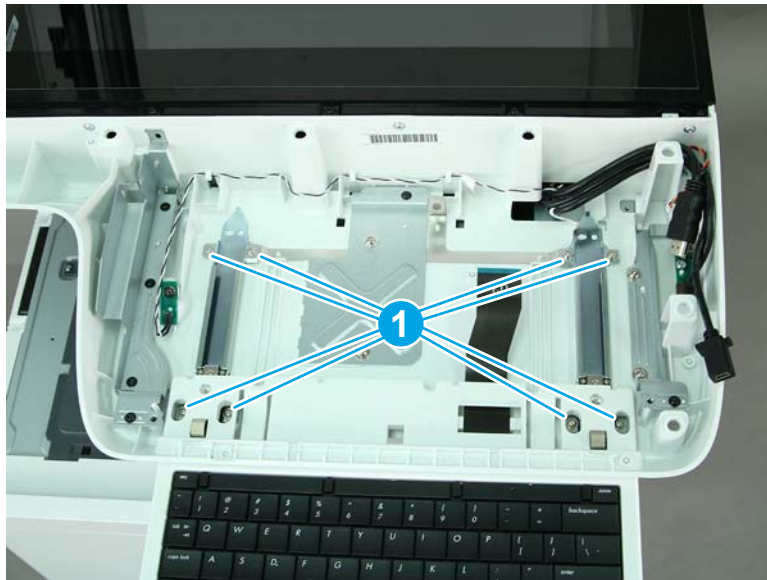
- i. **Keyboard models only:** Pull the keyboard out to its extended position.

Figure 1-767 Pull the keyboard out



- j. **Keyboard models only:** Remove eight screws (callout 1).

Figure 1-768 Remove eight screws



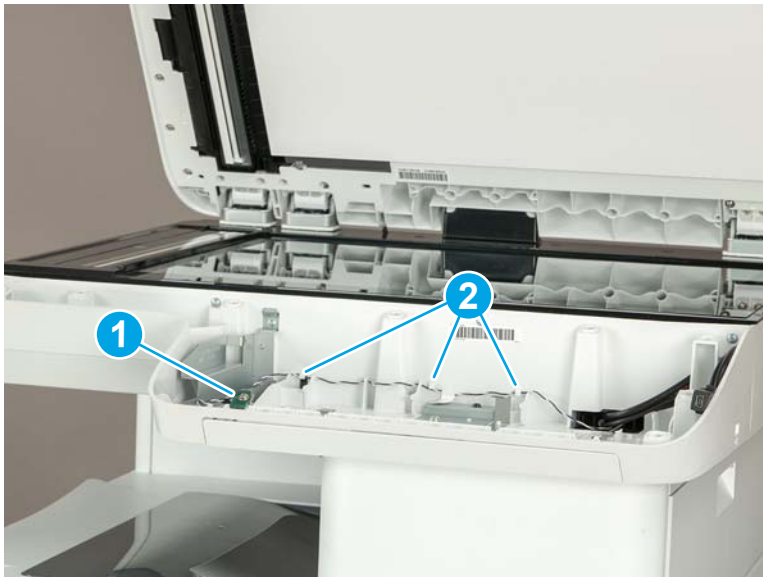
- k. **Keyboard models only:** Remove the keyboard and rails.

Figure 1-769 Remove the keyboard and rails



- l. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

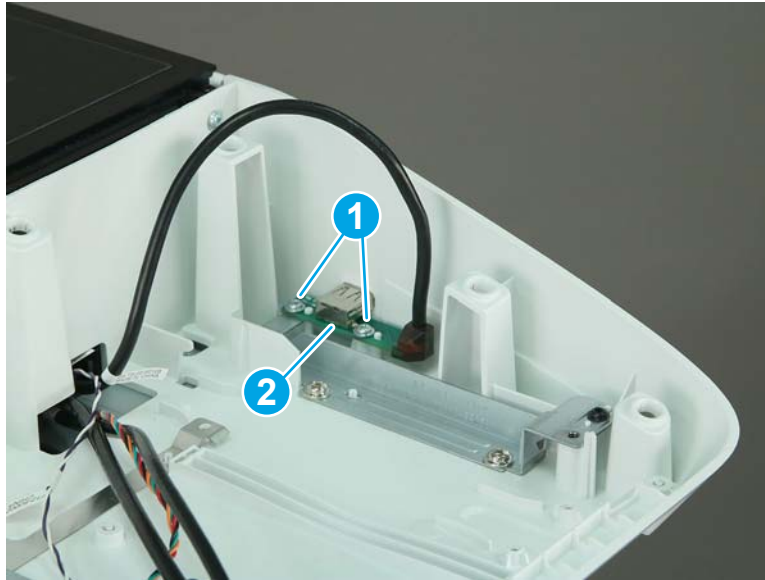
Figure 1-770 Release the light PCA





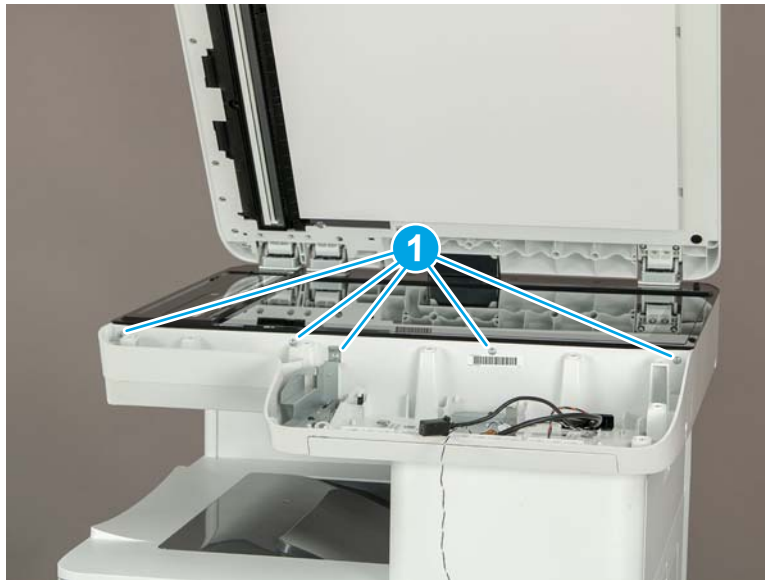
- m. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-771 Release the USB port PCA



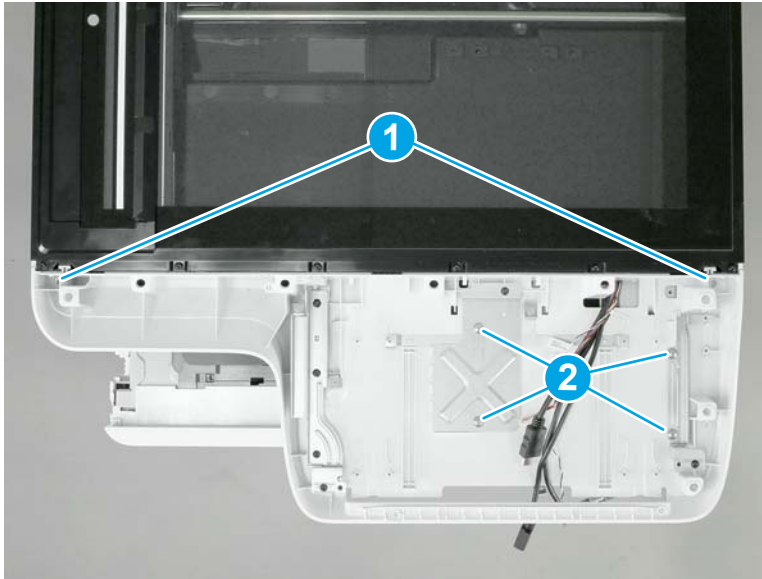
- n. Remove five screws (callout 1).

Figure 1-772 Remove four screws




- o. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-773 Remove six screws



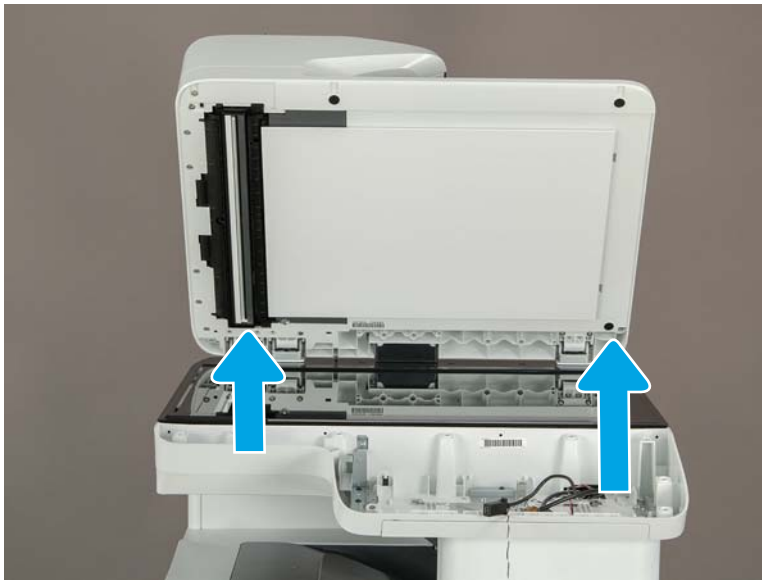
- p. Lift the nose cone up and off of the printer to remove it.

---

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

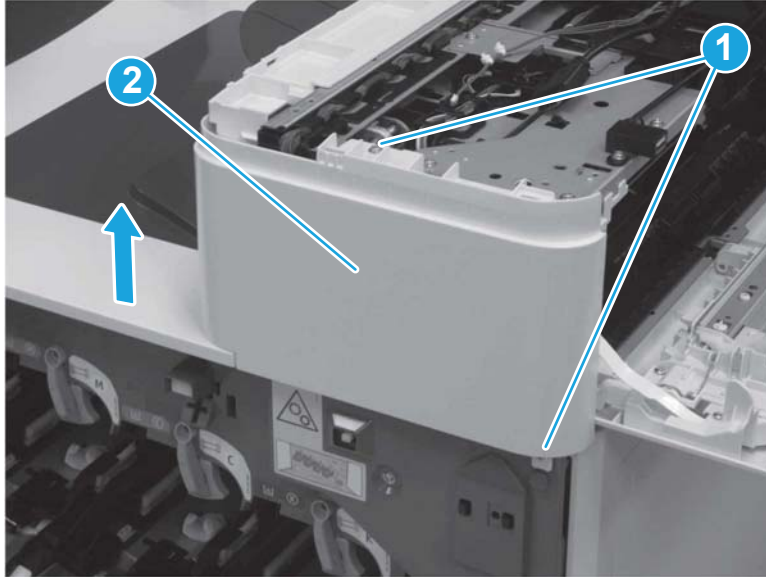
---

Figure 1-774 Remove the nose cone



- 6. Remove the right front cover (M856/E85055/M776dn/M776z).
  - ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

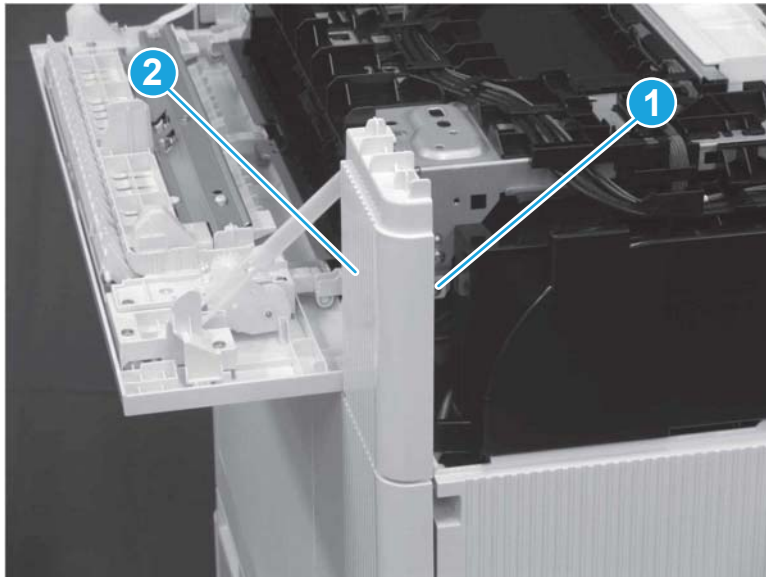
Figure 1-775 Remove the right front cover



7. Remove the right rear upper cover (M856/E85055/M776dn/M776z)

- ▲ Remove one screw (callout 1), and then slide the right rear upper cover (callout 2) away from the printer to remove it.

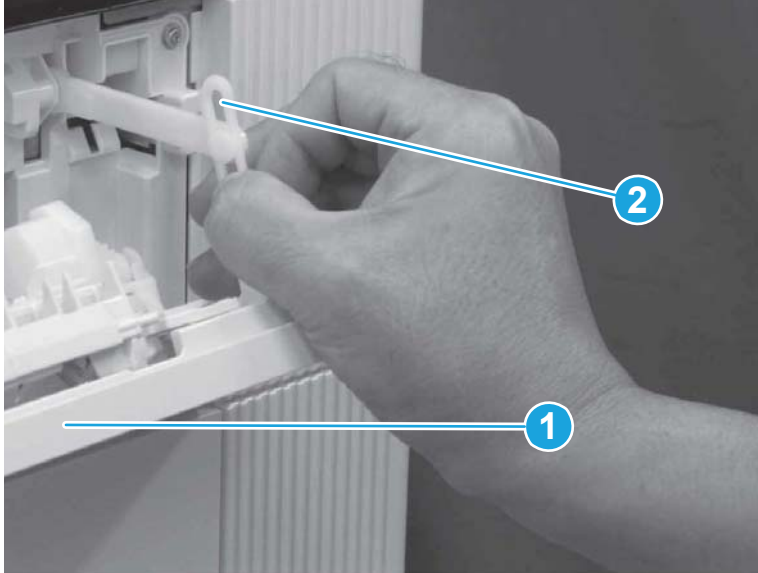
Figure 1-776 Remove the right rear upper cover



8. Remove the right upper door (M856/E85055/M776dn/M776z)

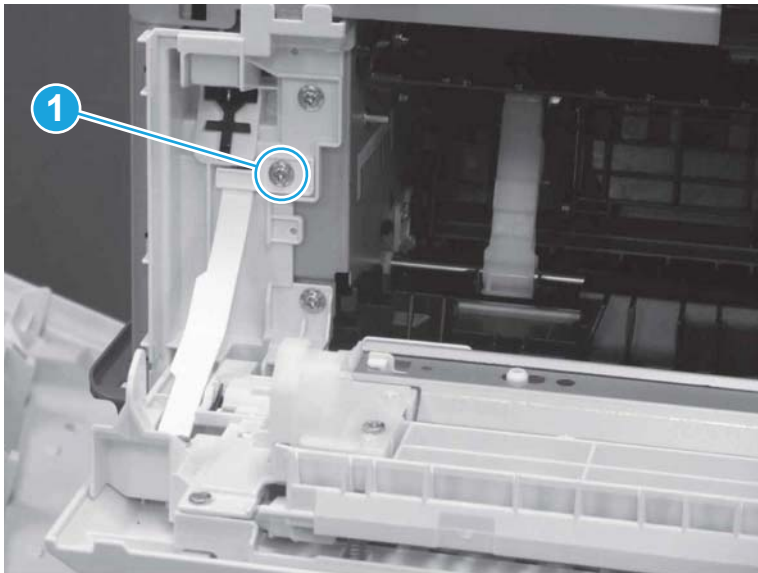
- a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-777 Open the door and release the link



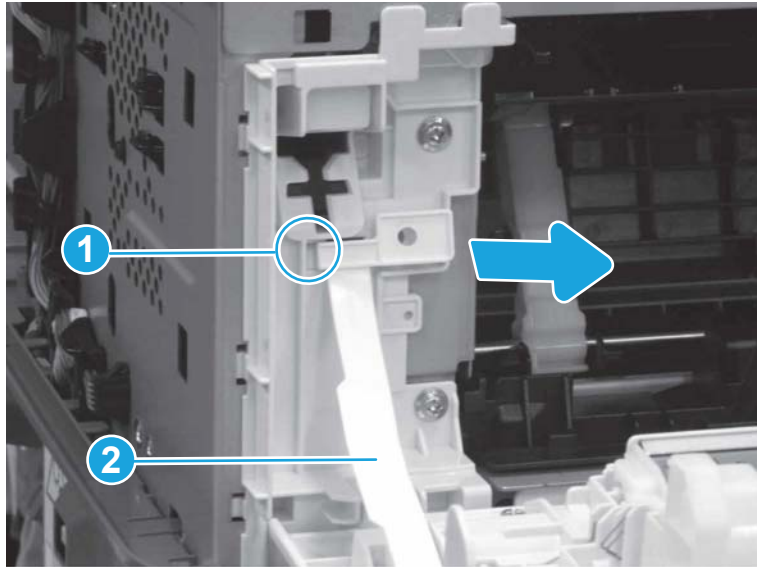
- b. Remove one screw (callout 1).

Figure 1-778 Remove one screw



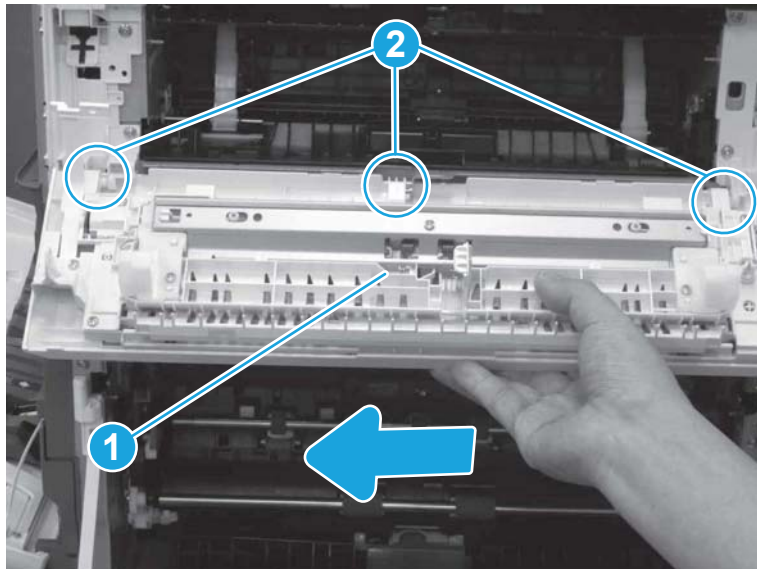
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-779 Release one boss and hinge



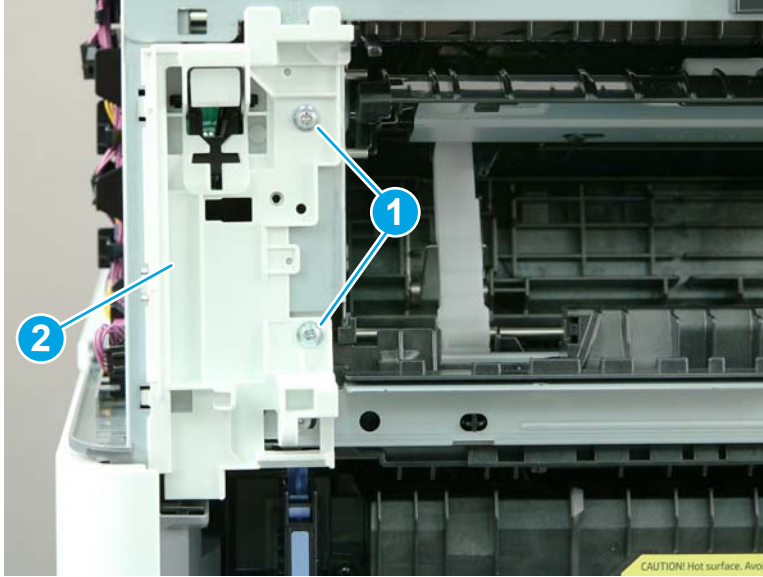
- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-780 Remove the right upper door



- 9. Remove the delivery assembly (M856/E85055/M776dn/M776z).
  - a. Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).

**Figure 1-781** Remove two screws and toggle front assembly (M856/E85055/M776dn/M776z)

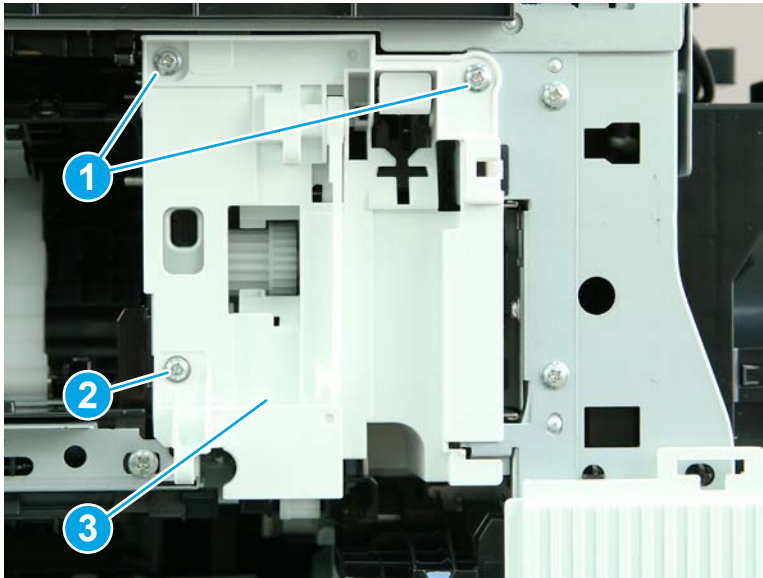


- b. Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3).



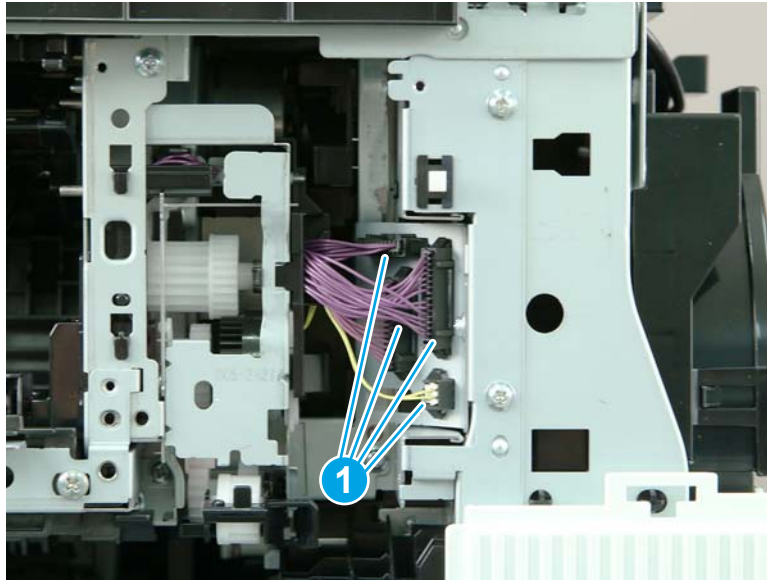
**NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

**Figure 1-782** Remove three screws and toggle rear assembly (M856/E85055/M776dn/M776z)



- c. Disconnect four connectors (callout 1).

**Figure 1-783** Disconnect four connectors (M856/E85055/M776dn/M776z)

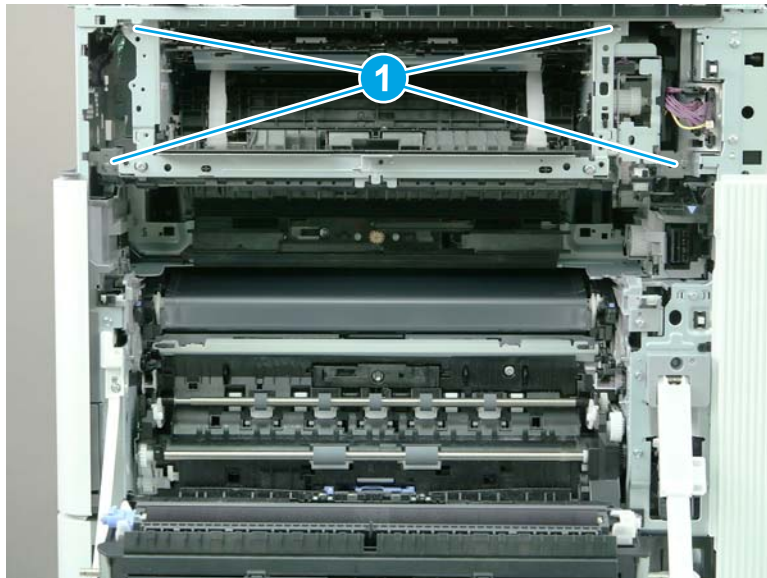


- d. Remove four screws (callout 1).



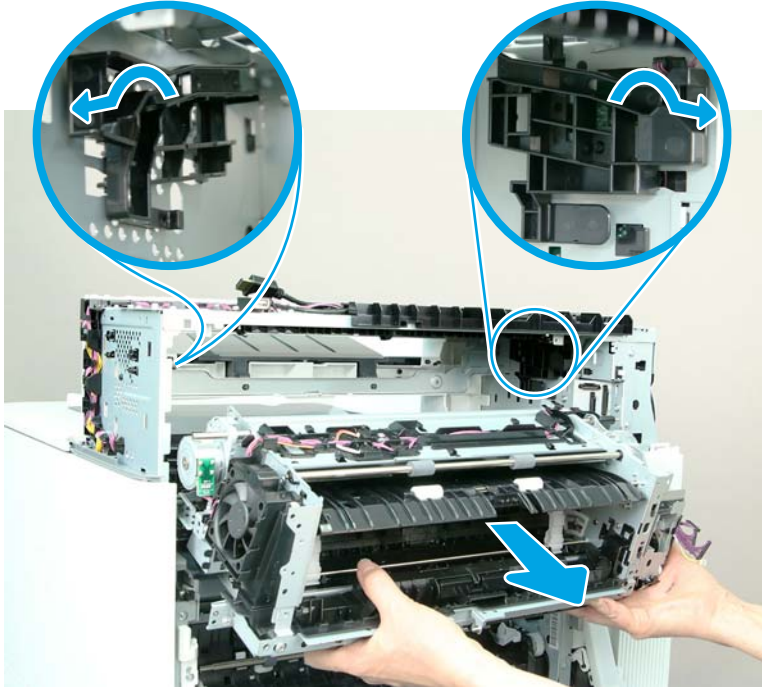
**NOTE:** The lower screws are shorter than the upper screws. Make sure to reinstall them in the correct position.

**Figure 1-784** Remove four screws (M856/E85055/M776dn/M776z)



- e. Slide the delivery assembly away from the printer, and then lift up and out to release the posts from the tracks.

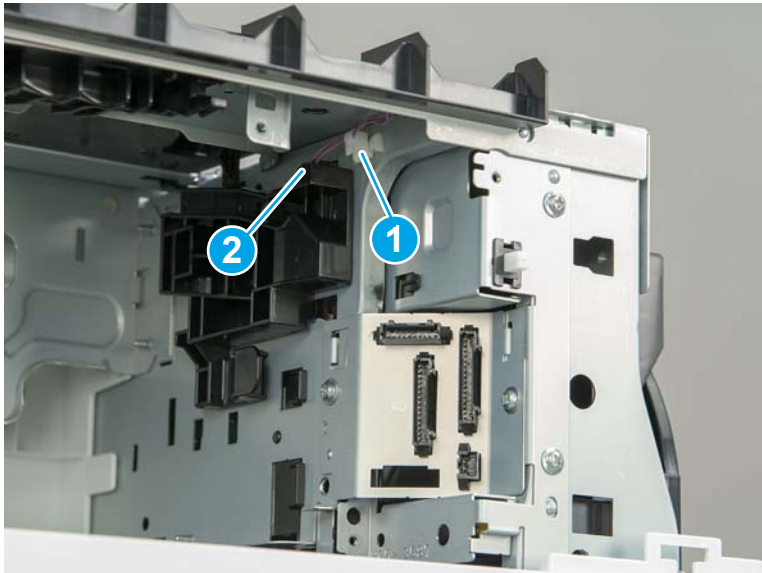
**Figure 1-785** Remove the delivery assembly (M856/E85055/M776dn/M776z)



- 10. Remove the duplex reverse guide (M856/E85055/M776dn/M776z).

- a. Release one retainer (callout 1), and then disconnect one connector (callout 2).

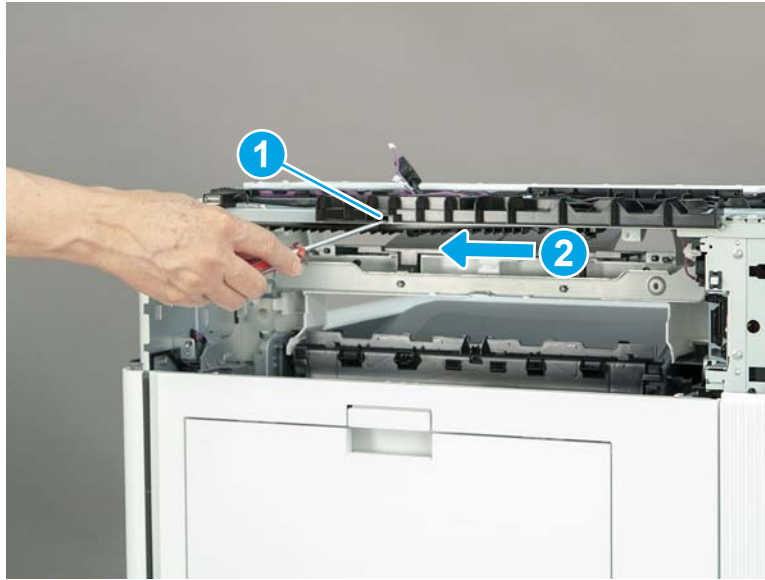
**Figure 1-786** Release one retainer and disconnect one connector





- b. Release one tab (callout 1), and then slide the duplex reverse guide to the left to release it (callout 2).

**Figure 1-787** Release the duplex reverse guide



- c. Remove the duplex reverse guide.


**Figure 1-788** Remove the duplex reverse guide



- 11. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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- c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

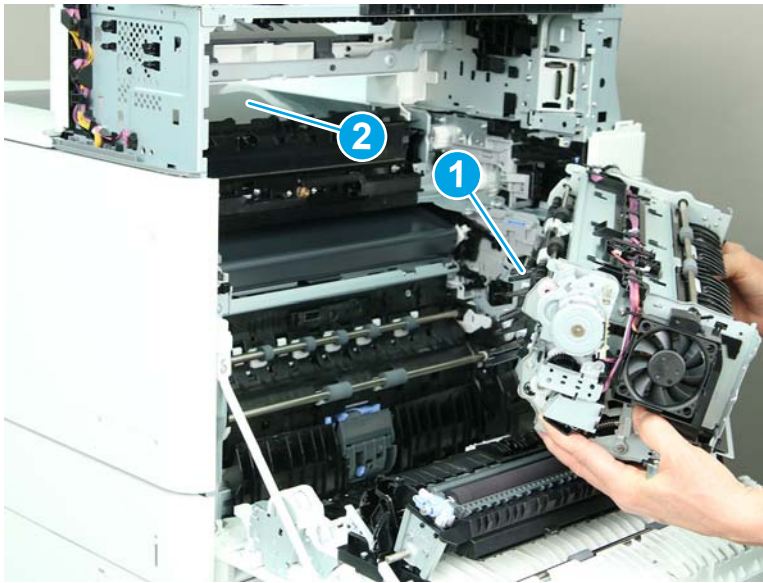
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12. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the delivery assembly (M856/E85055/M776dn/M776z).**

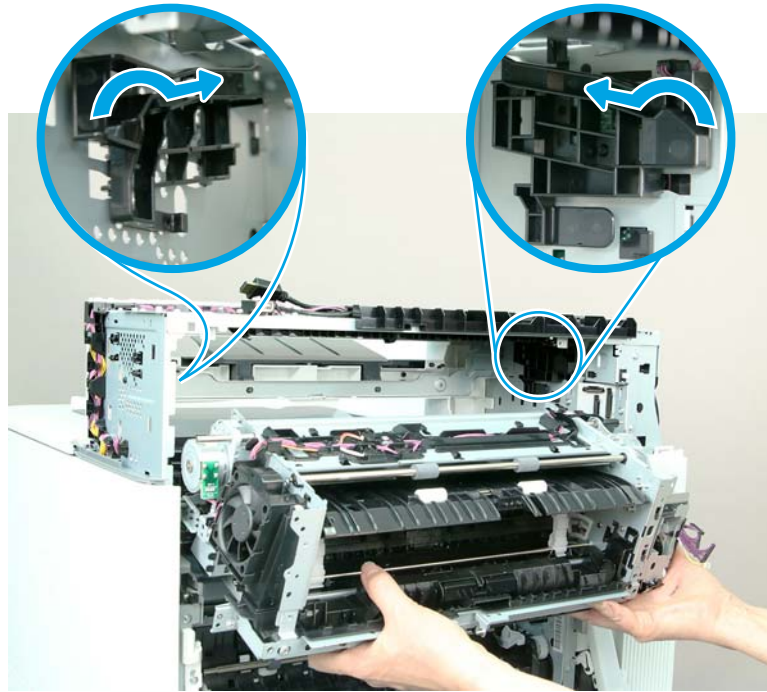
1. When reinstalling the delivery assembly, make sure that the flap (callout 1) on the delivery assembly goes through the opening (callout 2) in the cover.

**Figure 1-789** Install the flap through the opening (M856/E85055/M776dn/M776z)



2. When reinstalling the delivery assembly, position the posts on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the posts in the tracks.

**Figure 1-790** Install the delivery assembly (M856/E85055/M776dn/M776z)



### Removal and replacement: Toggle front assembly (M776zs)

Learn how to remove and replace the toggle front assembly (M776zs).

Mean time to repair: 15 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-57** Part information

Part number	Part description
RM2-1764-000CN	Toggle front assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

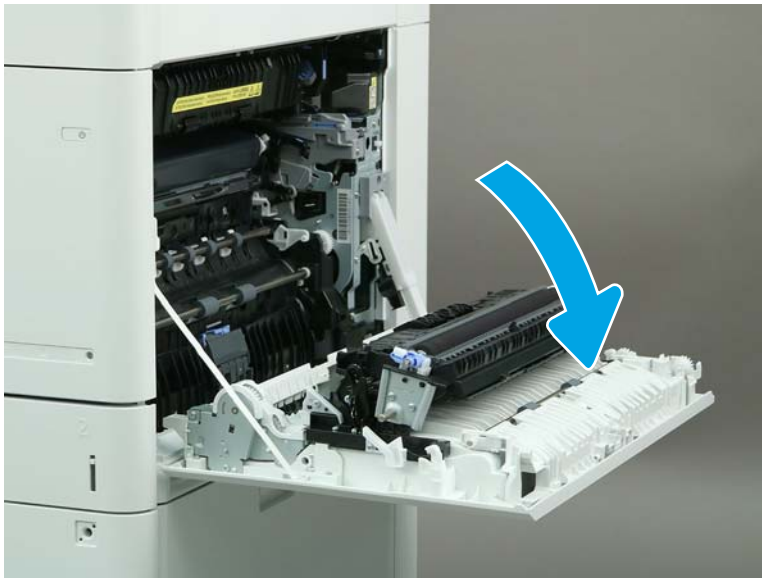
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

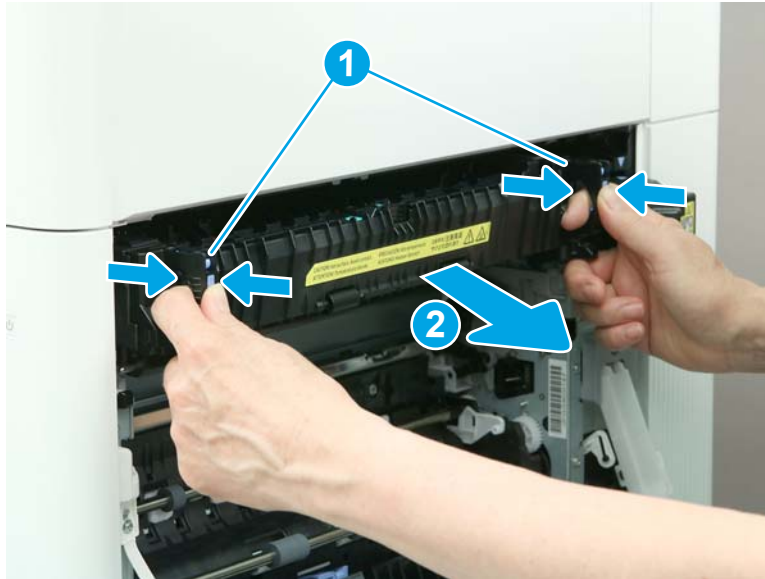
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-791** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

**Figure 1-792** Remove the fuser



2. Remove the front cover (M776zs).

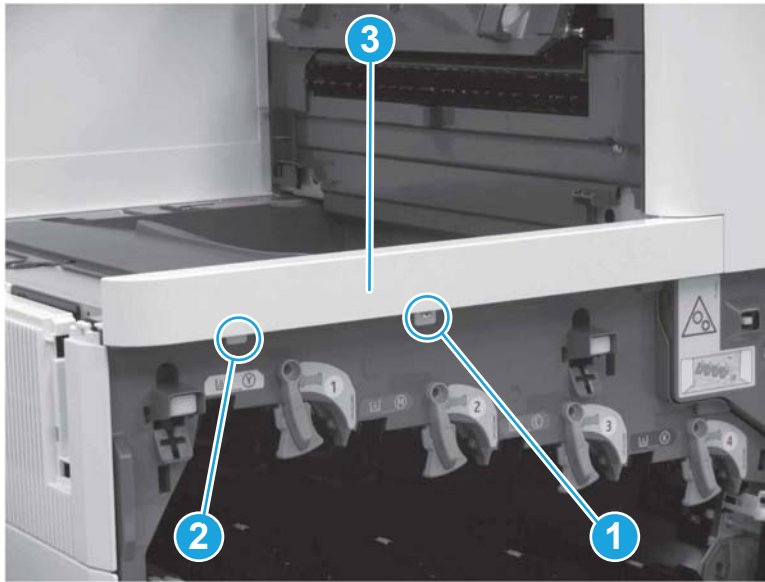
- a. Open the front door.

**Figure 1-793** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-794 Remove the front cover



3. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-795 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-796** Release the control panel cover



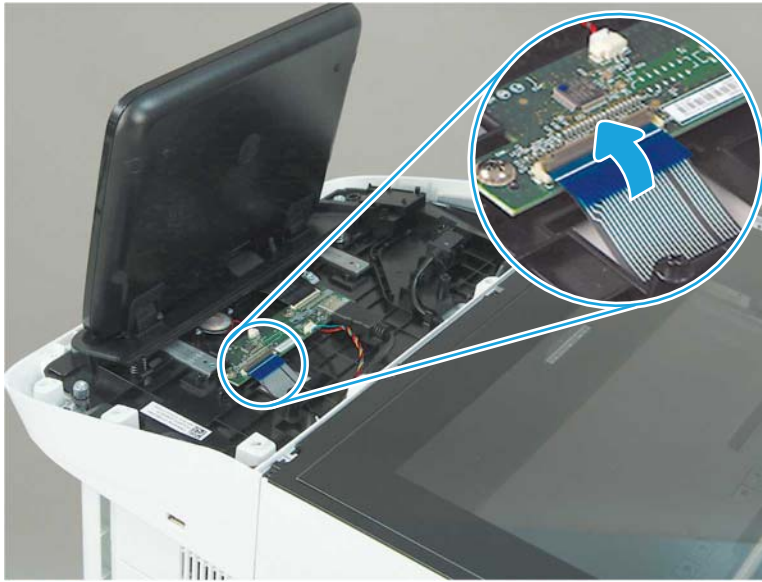
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-797** Remove the control panel cover



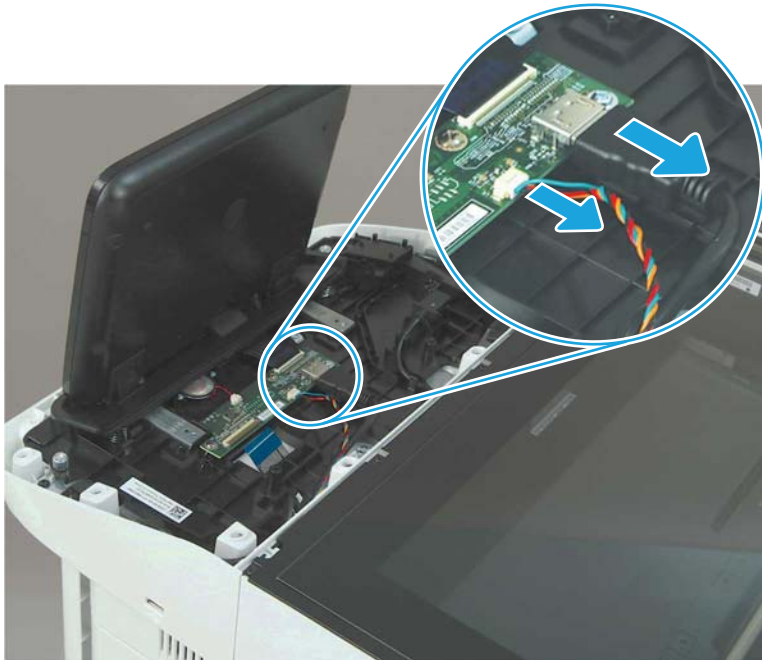
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-798** Release the keyboard flat cable (M776z/M776zs)



- e. Disconnect two connectors

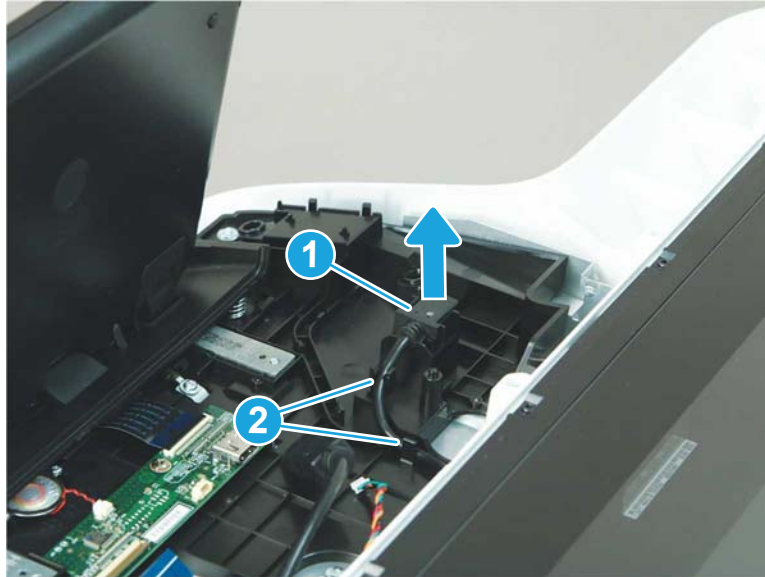
**Figure 1-799** Disconnect two connectors





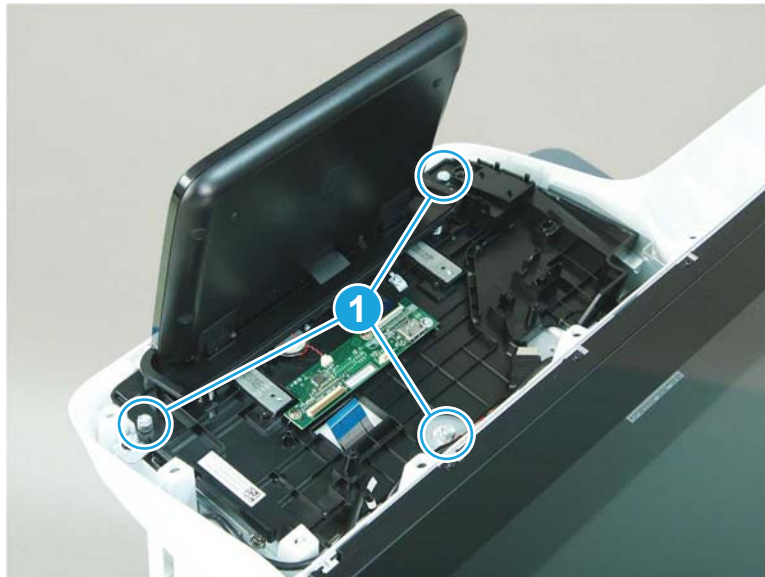
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-800 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-801 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-802 Remove the control panel



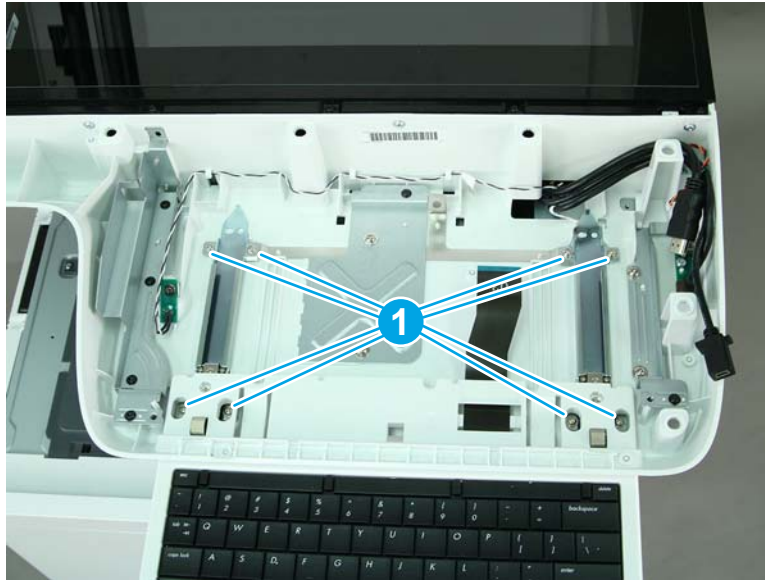
- 4. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-803 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-804 Remove eight screws



- c. Remove the keyboard and rails.

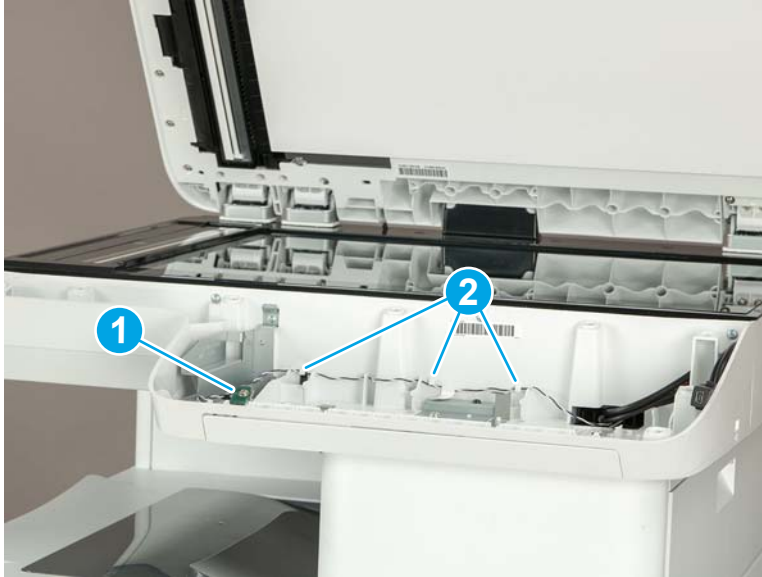
Figure 1-805 Remove the keyboard and rails



- 5. Remove the nose cone (M776).

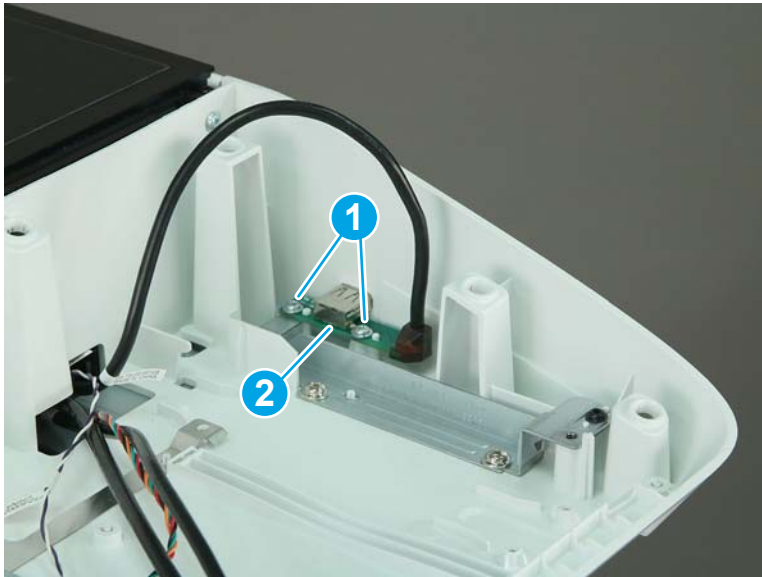
- a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-806 Release the light PCA



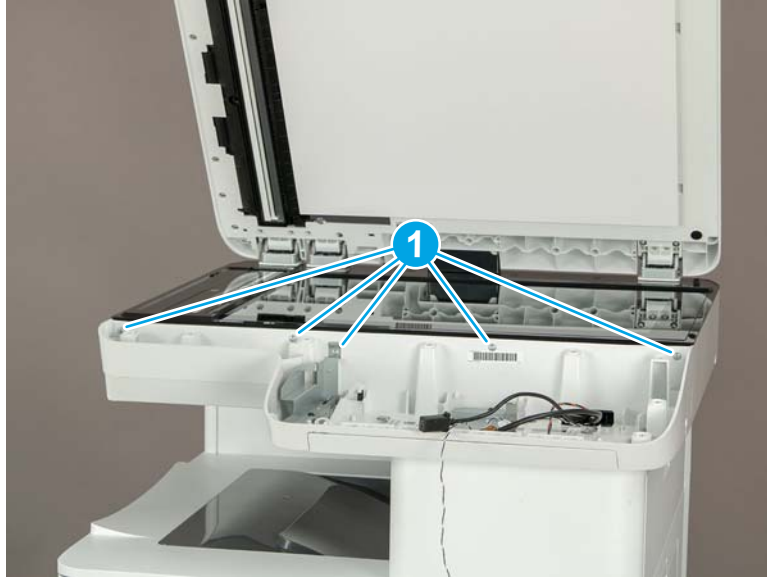
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-807 Release the USB port PCA



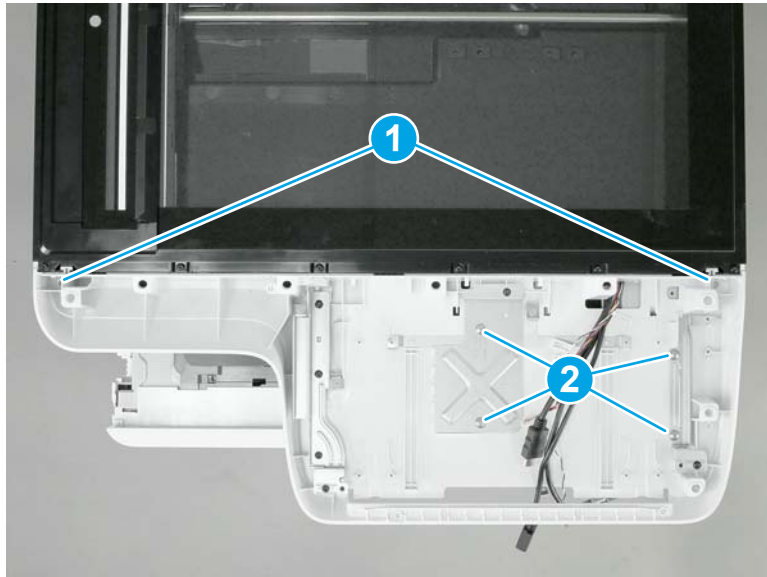
- c. Remove five screws (callout 1).

Figure 1-808 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

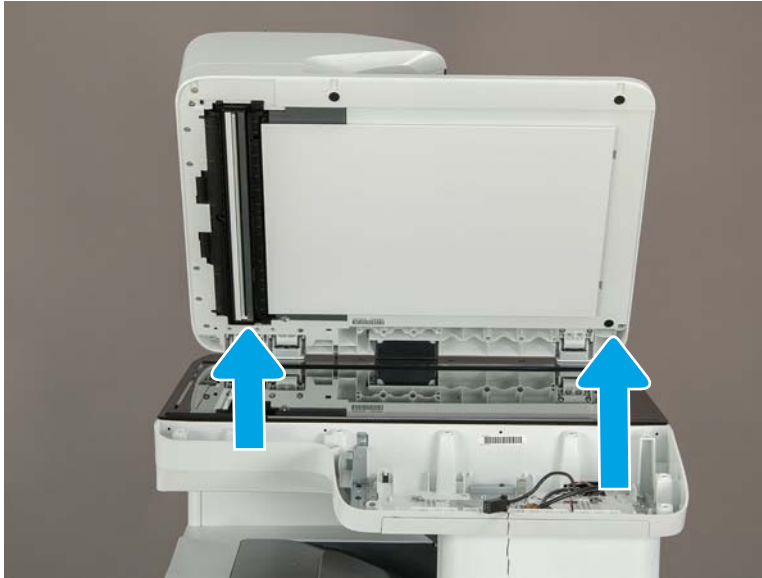
Figure 1-809 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

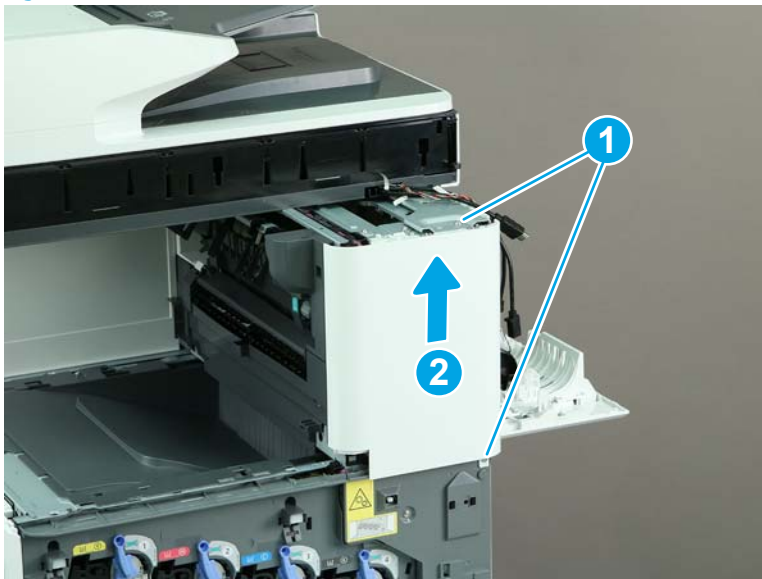
**Figure 1-810** Remove the nose cone



- 6. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

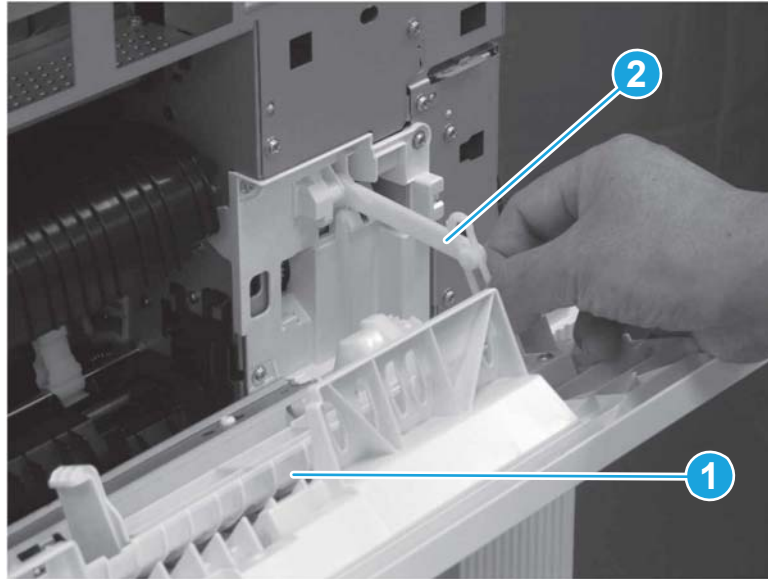
**Figure 1-811** Remove the right front cover



- 7. Remove the right upper door (M776zs).

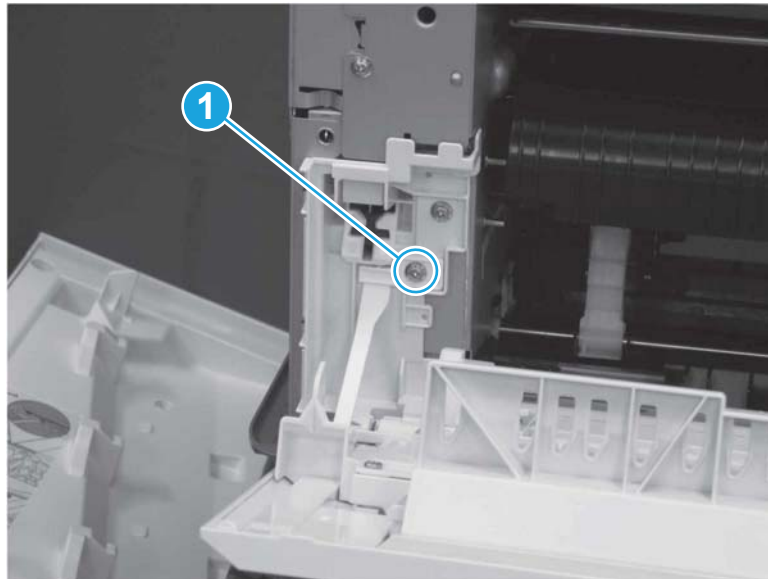
- a. Open the right upper door (callout 1), and then release the link (callout 2).

Figure 1-812 Open the door and release the link



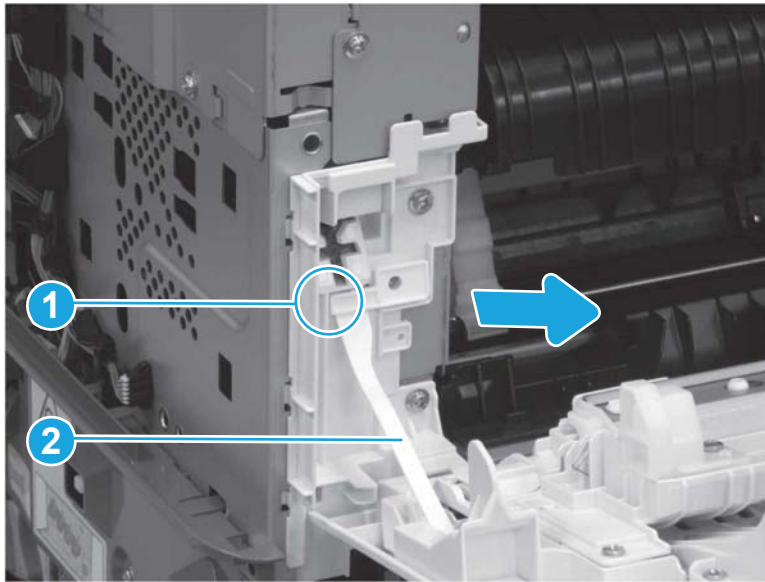
- b. Remove one screw (callout 1).

Figure 1-813 Remove one screw



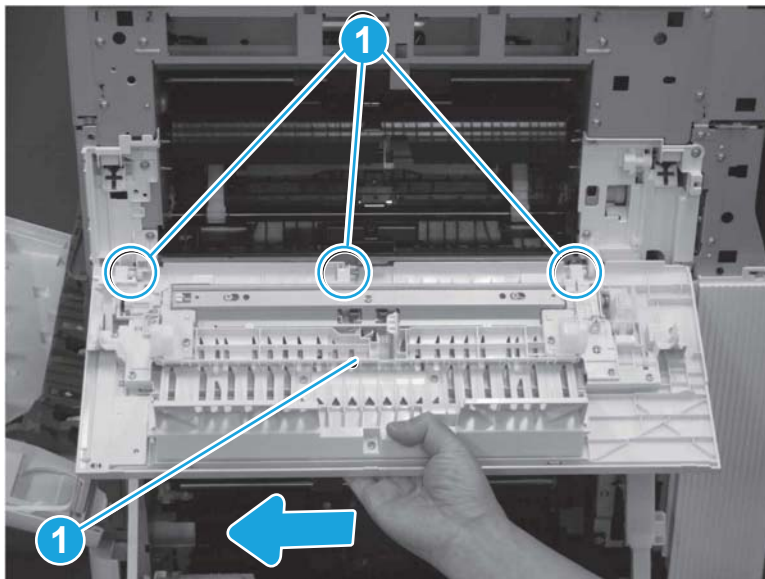
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-814 Release one boss and hinge



- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

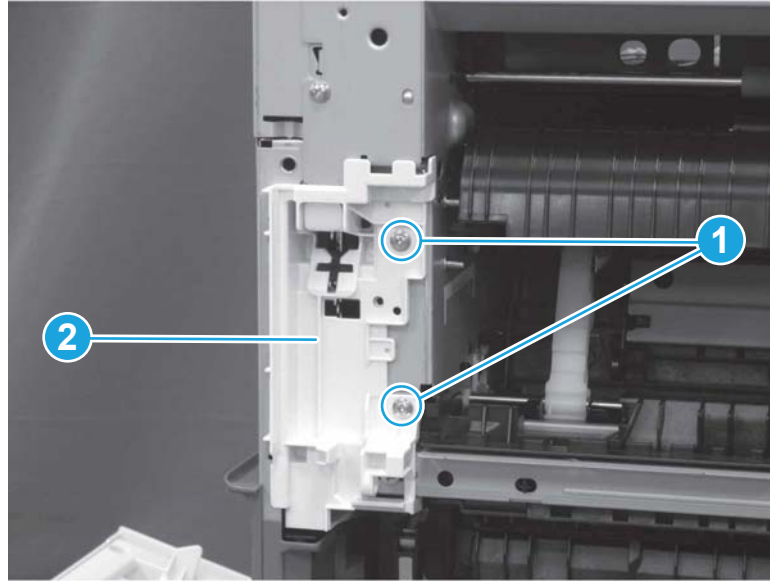
Figure 1-815 Remove the right upper door



8. Remove the toggle front assembly (M776zs).
- ▲ Remove two screws (callout 1), and then remove the toggle front assembly (callout 2).



Figure 1-816 Remove two screws and toggle front assembly (M776zs)



9. Unpack the replacement assembly.

a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.



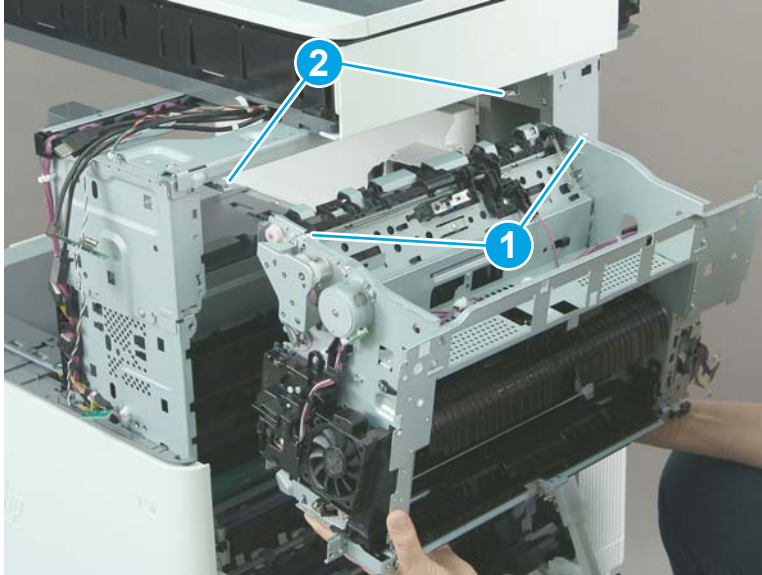
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

10. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the delivery assembly (M776zs).

- ▲ When reinstalling the delivery assembly, position the stoppers on the delivery assembly (callout 1) into the tracks (callout 2) in the printer. Lift up and then slide the assembly toward the printer to install the stoppers in the tracks.

Figure 1-817 Install the delivery assembly (M776zs)



### Removal and replacement: Toggle rear assembly (M776zs)

Learn how to remove and replace the toggle rear assembly (M776zs).

Mean time to repair: 15 minutes

Service level: Easy

#### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-58 Part information

Part number	Part description
RM2-1763-000CN	Toggle rear assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

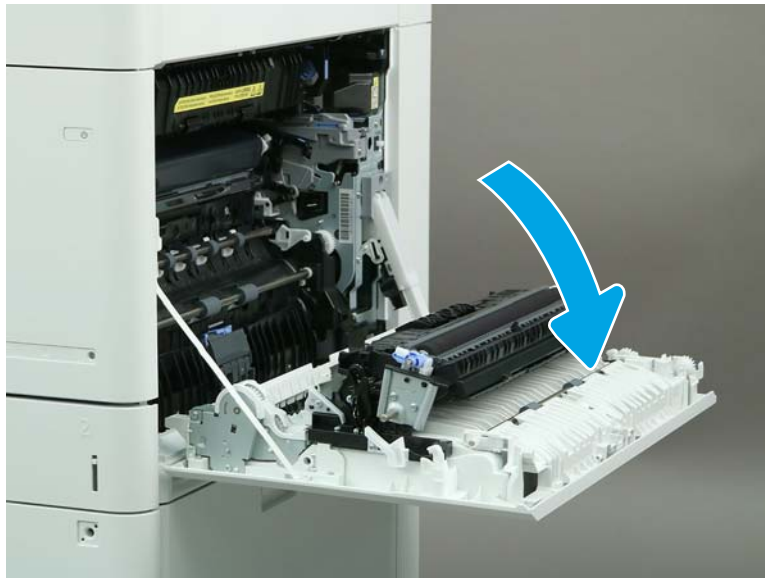
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

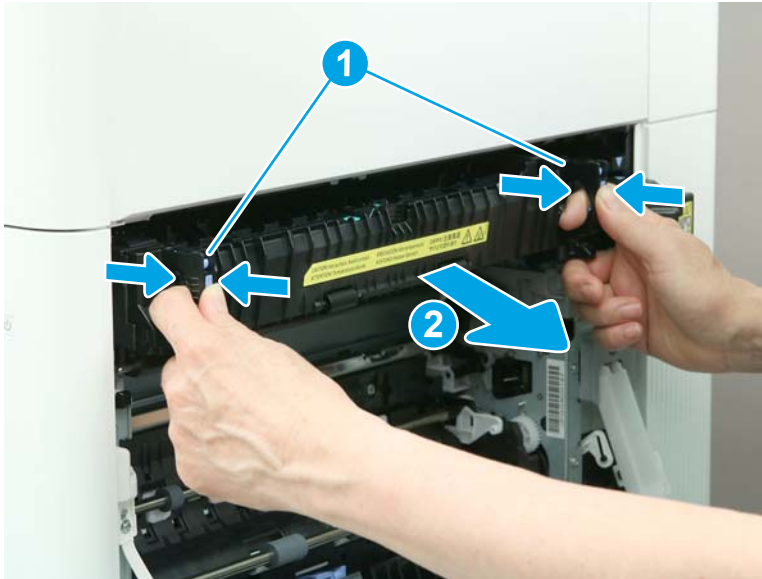
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-818** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

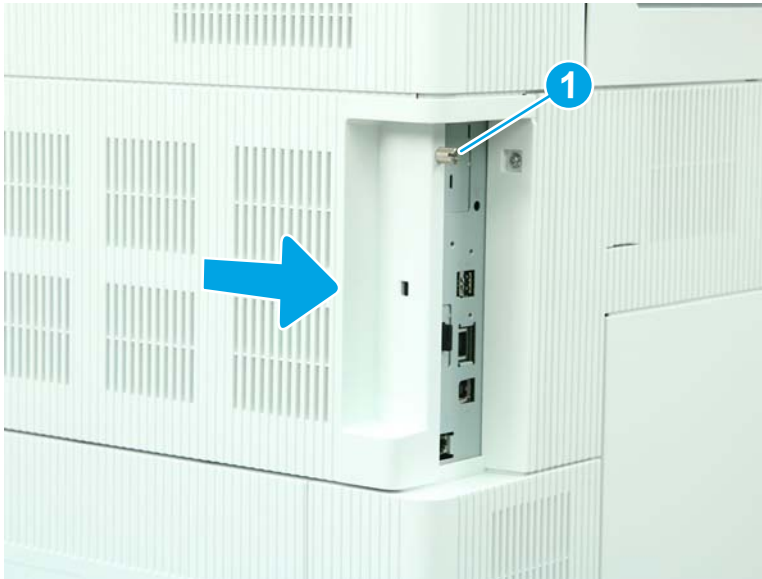
Figure 1-819 Remove the fuser



- 2. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

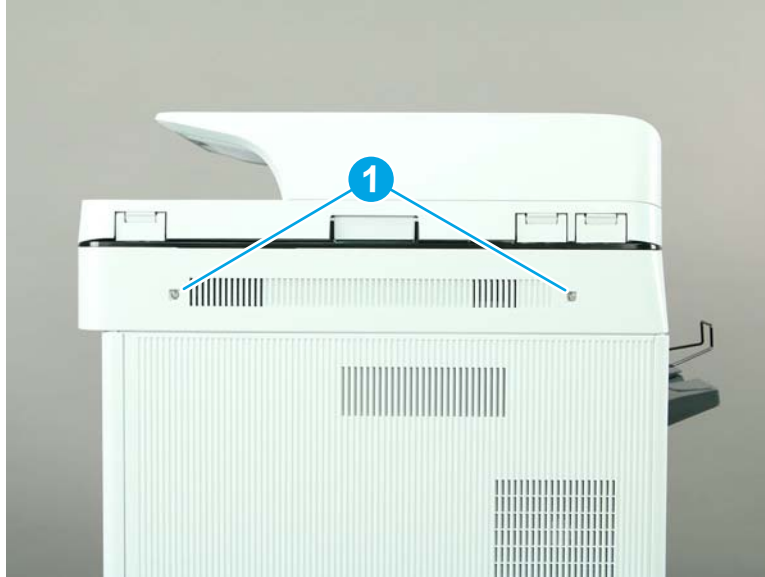
Figure 1-820 Remove the formatter cover



- 3. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-821 Remove two screws



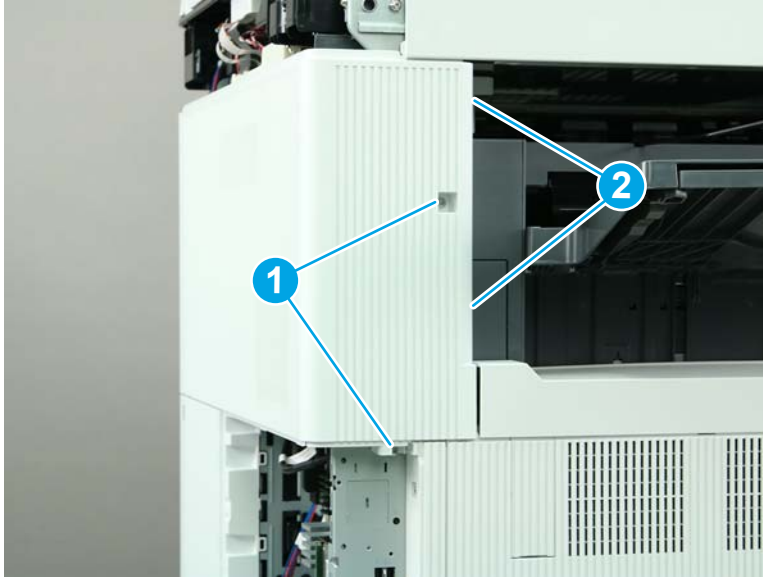
- b. Remove the SCB cover.

Figure 1-822 Remove the SCB cover



- 4. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-823 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-824 Remove the rear upper and left rear upper cover



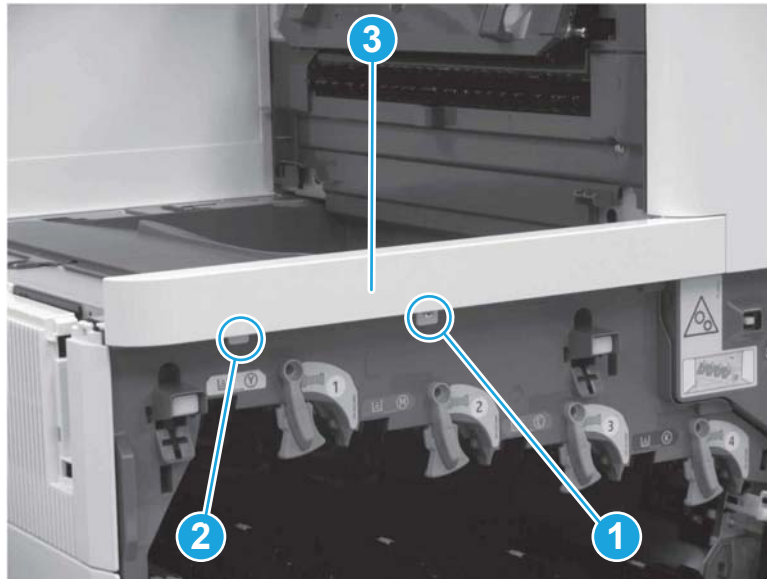
- 5. Remove the front cover (M776zs).
  - a. Open the front door.

Figure 1-825 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-826 Remove the front cover



6. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-827 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

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 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

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Figure 1-828 Release the control panel cover





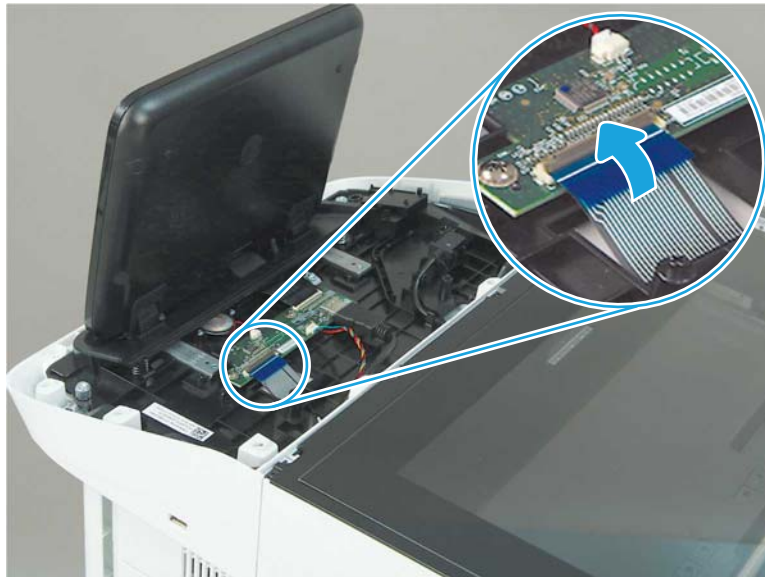
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-829** Remove the control panel cover



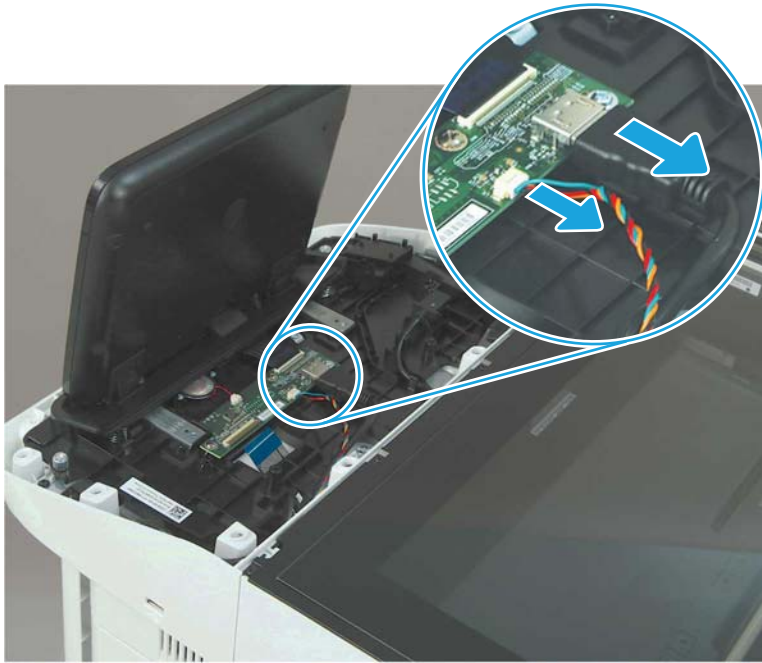
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-830** Release the keyboard flat cable (M776z/M776zs)



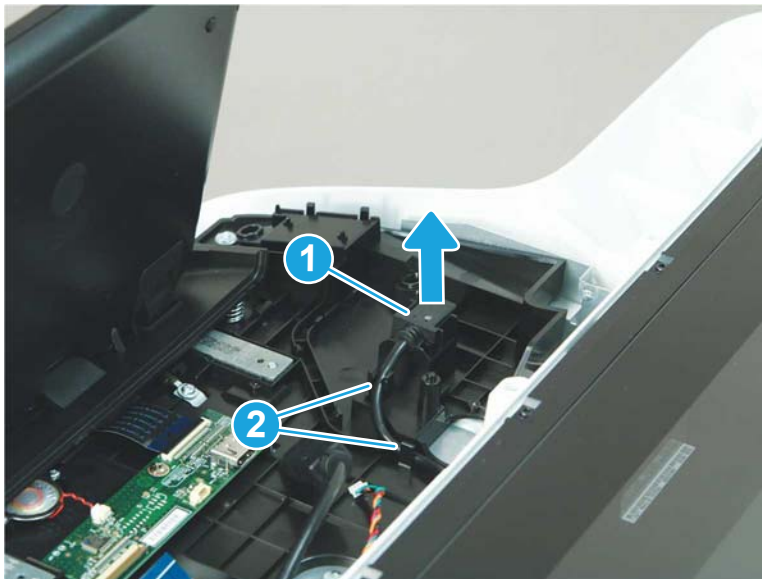
- e. Disconnect two connectors

Figure 1-831 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-832 Release the USB cable



- g.** Remove three screws (callout 1).

**Figure 1-833** Remove three screws



- h.** Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

**Figure 1-834** Remove the control panel



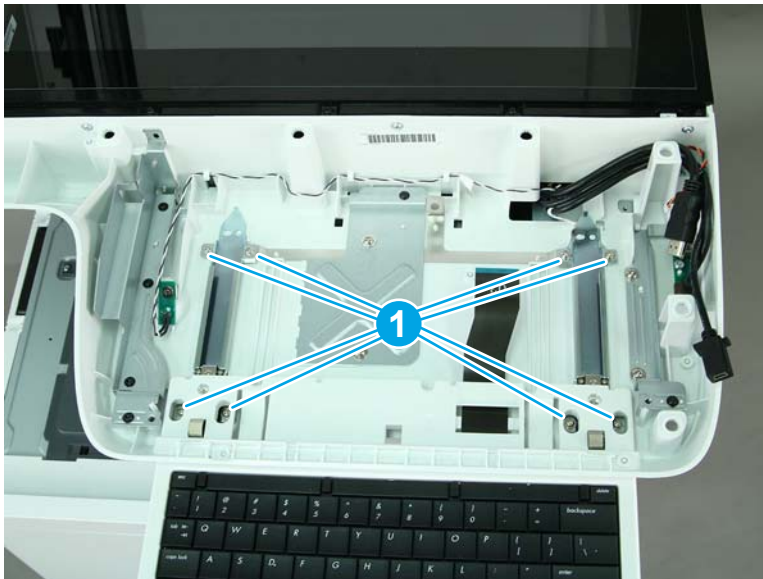
- 7.** Remove the keyboard (M776z/M776zs).
  - a.** Pull the keyboard out to its extended position.

Figure 1-835 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-836 Remove eight screws



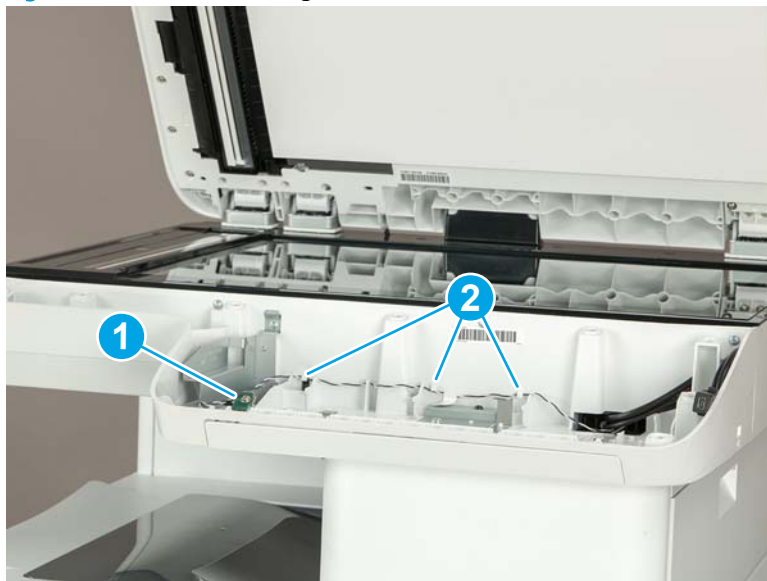
- c. Remove the keyboard and rails.

**Figure 1-837** Remove the keyboard and rails



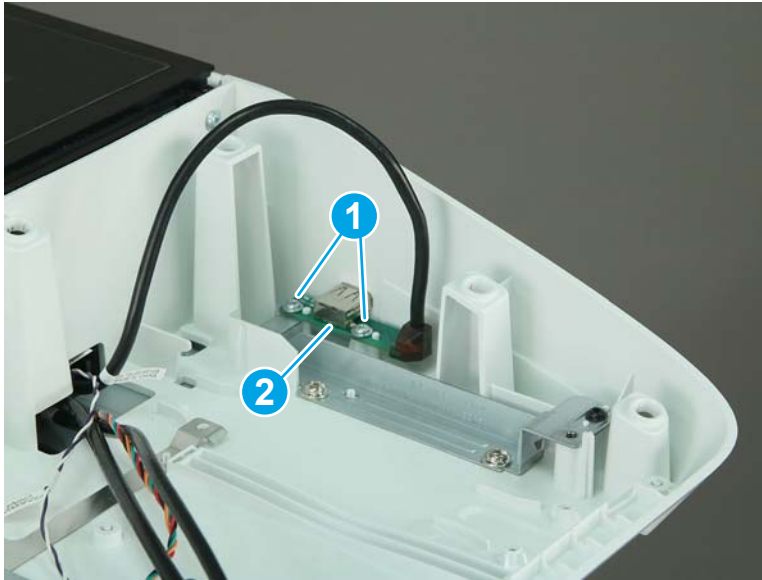
- 8. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

**Figure 1-838** Release the light PCA



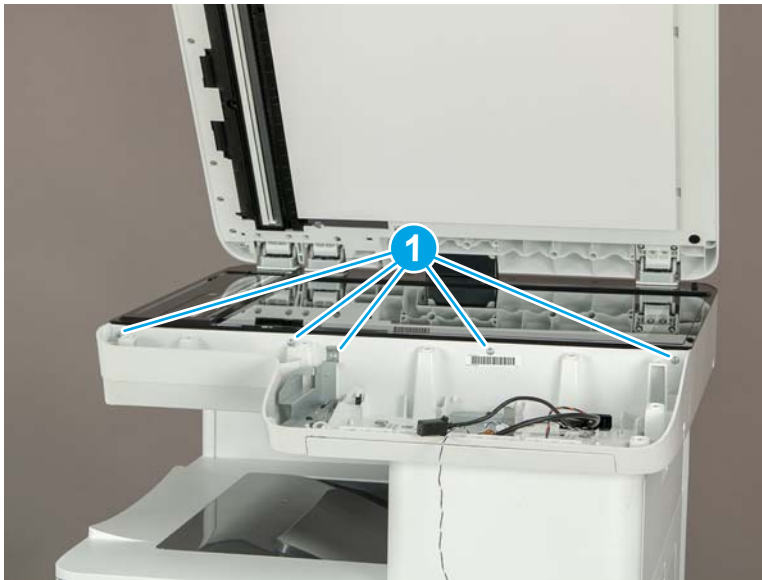
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-839 Release the USB port PCA



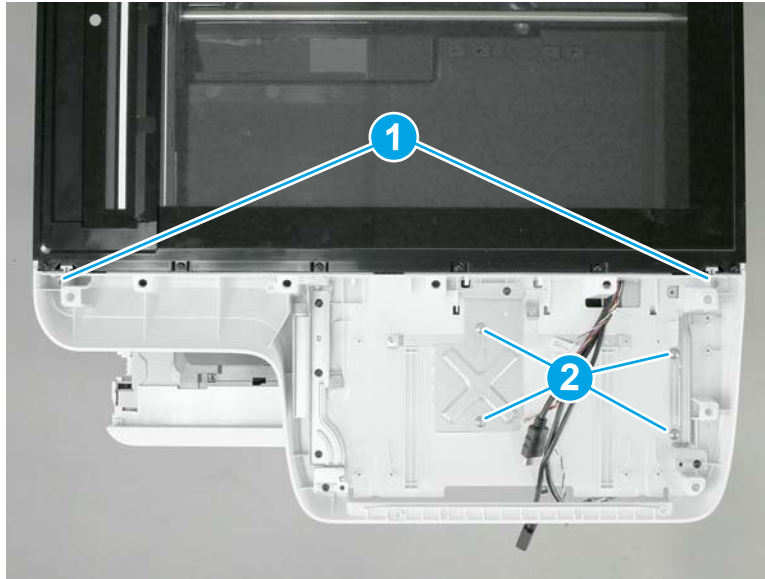
- c. Remove five screws (callout 1).

Figure 1-840 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-841 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.


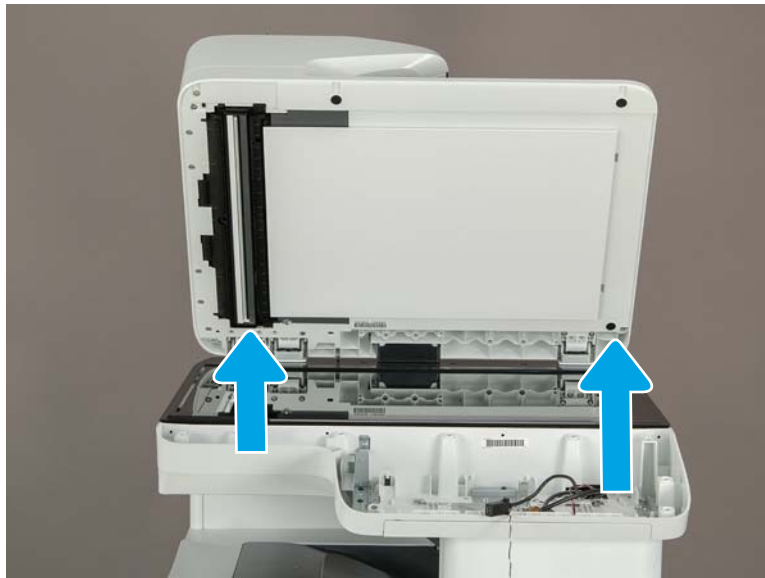
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

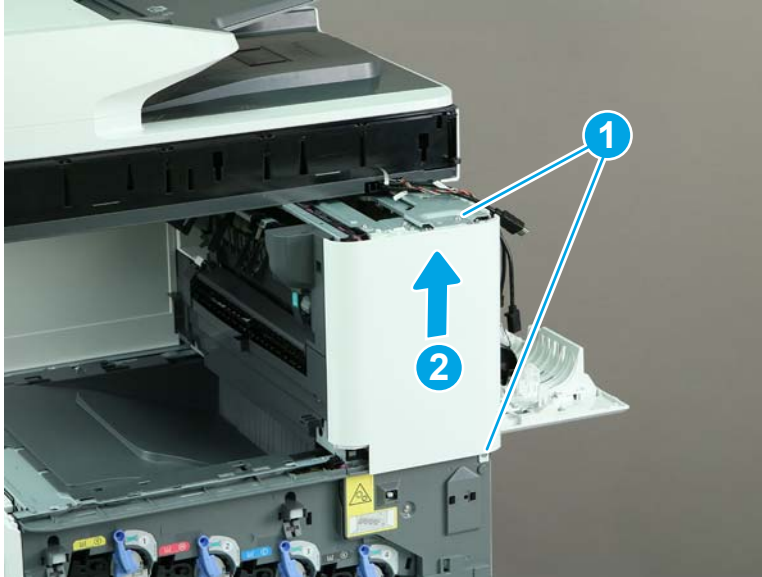
Figure 1-842 Remove the nose cone



- 9. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

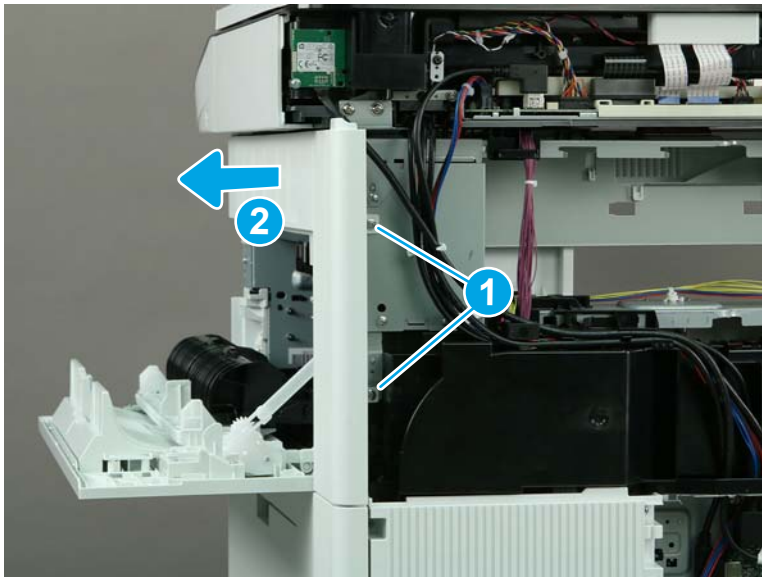
Figure 1-843 Remove the right front cover



10. Remove the right rear upper cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the right rear upper cover away from the printer to remove it (callout 2).

Figure 1-844 Remove the right rear upper cover

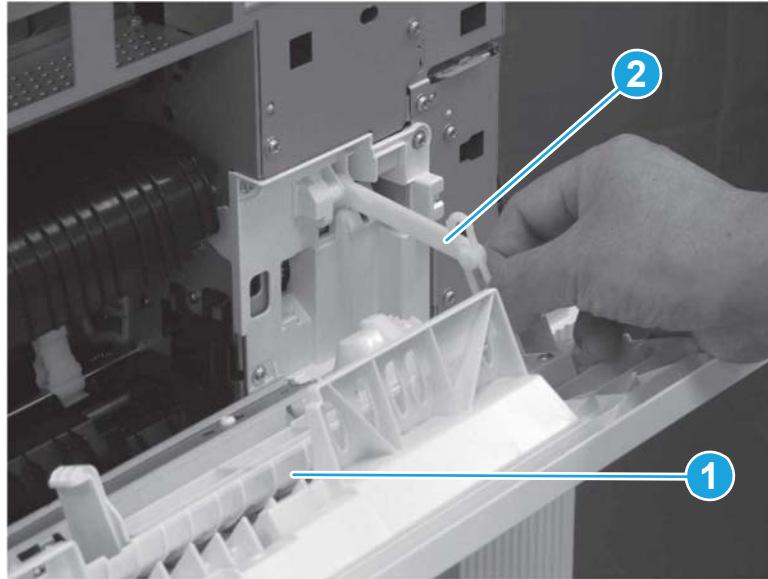


11. Remove the right upper door (M776zs).

- a. Open the right upper door (callout 1), and then release the link (callout 2).

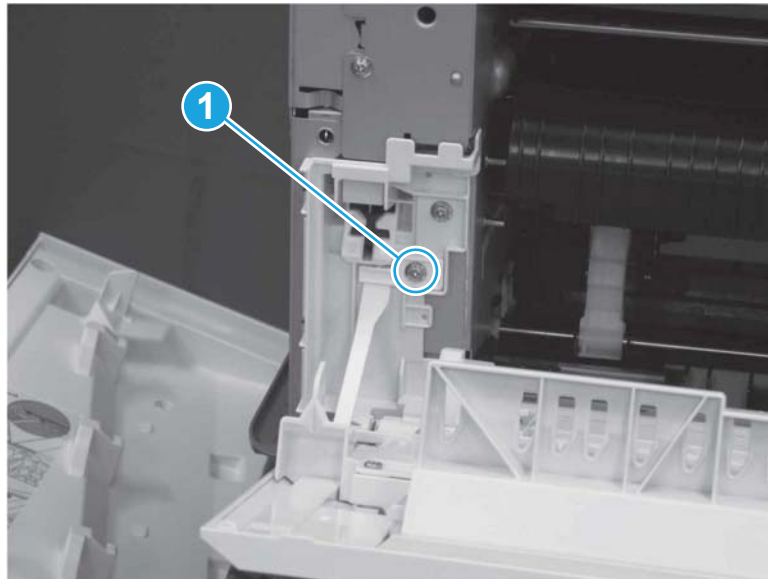


Figure 1-845 Open the door and release the link



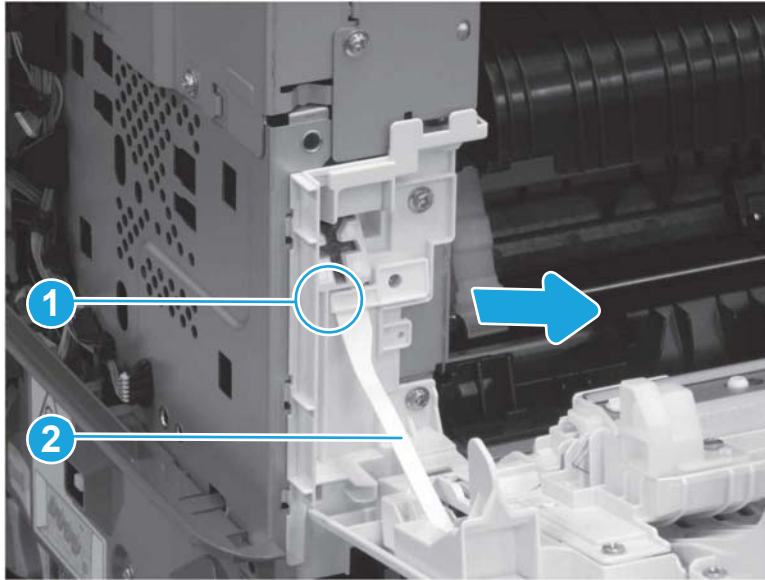
- b. Remove one screw (callout 1).

Figure 1-846 Remove one screw



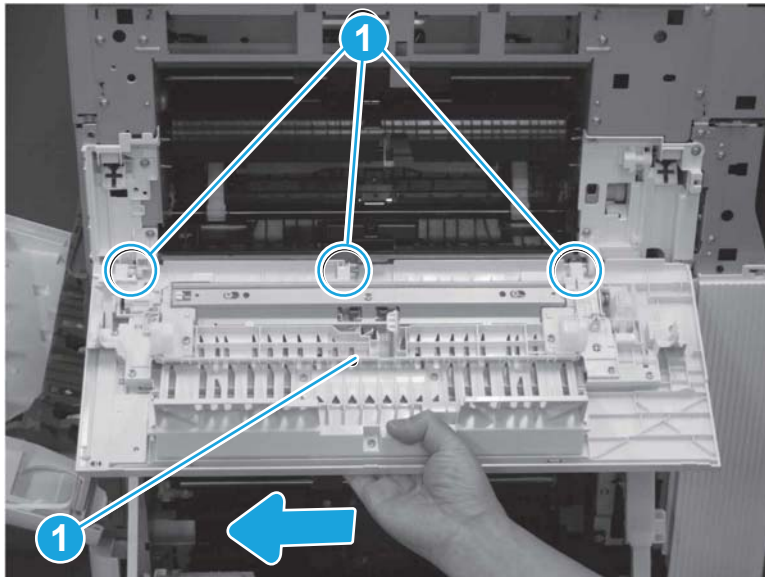
- c. Release one boss (callout 1) and then release the hinge (callout 2) by sliding it to the right.

Figure 1-847 Release one boss and hinge



- d. Slide the right upper door (callout 1) to the right to release it from three bushings (callout 2), and then remove the right upper door.

Figure 1-848 Remove the right upper door

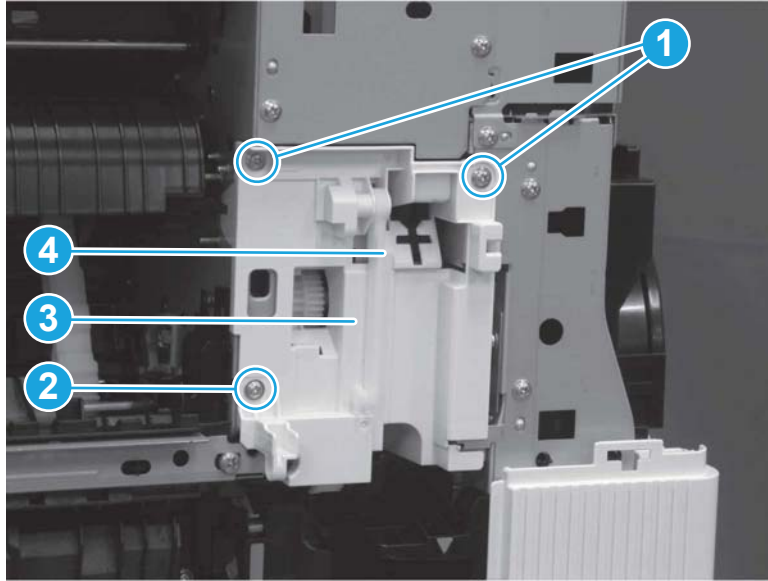


12. Remove the toggle rear assembly (M776zs).

- ▲ Remove two screws (callout 1). Remove one screw (callout 2), and then remove the toggle rear assembly (callout 3) and the link (callout 4) together.

 **NOTE:** The lower screw (callout 2) is shorter than the other two screws. Make sure to reinstall this screw in the correct position.

Figure 1-849 Remove three screws and toggle rear assembly (M776zs)



13. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Fuser motor (M856/E85055/M776)

Learn how to remove and replace the fuser motor (M856/E85055/M776dn/M776z/M776zs).

Mean time to repair: 30 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.



**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-59** Part information

Part number	Part description
RM2-1456-000CN	Fuser motor assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

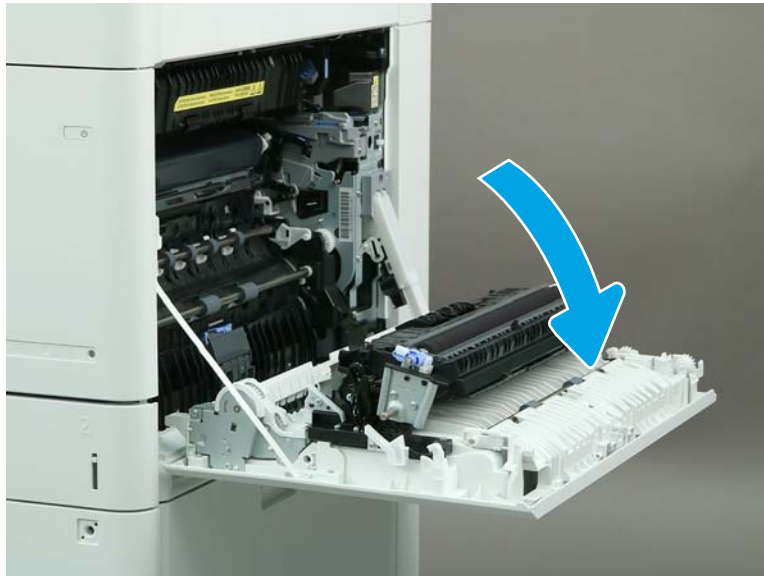
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

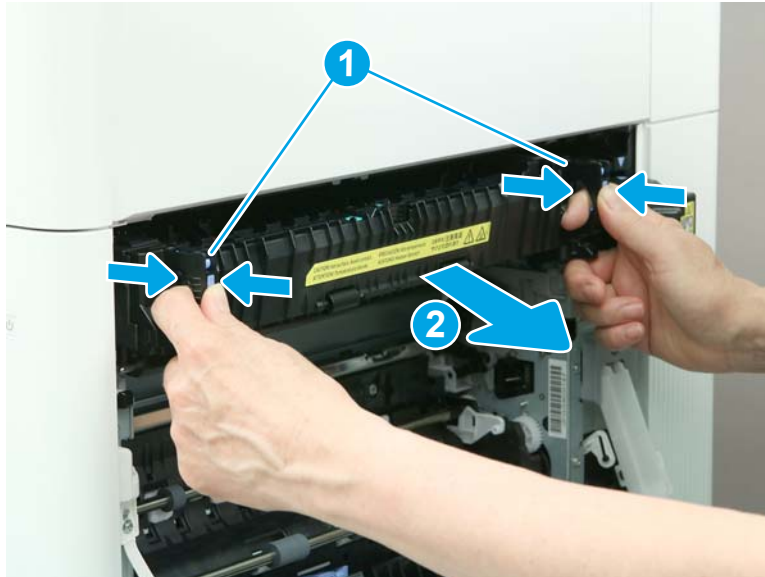
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-850** Open the right door



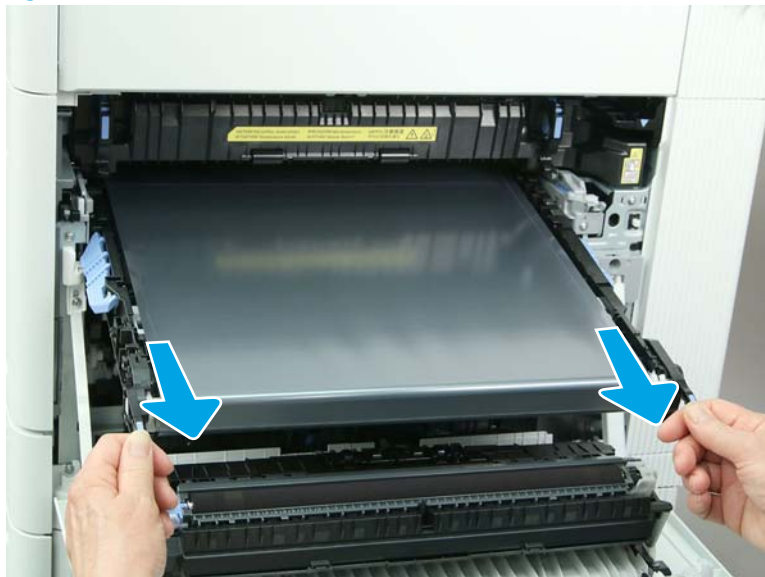
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

**Figure 1-851** Remove the fuser



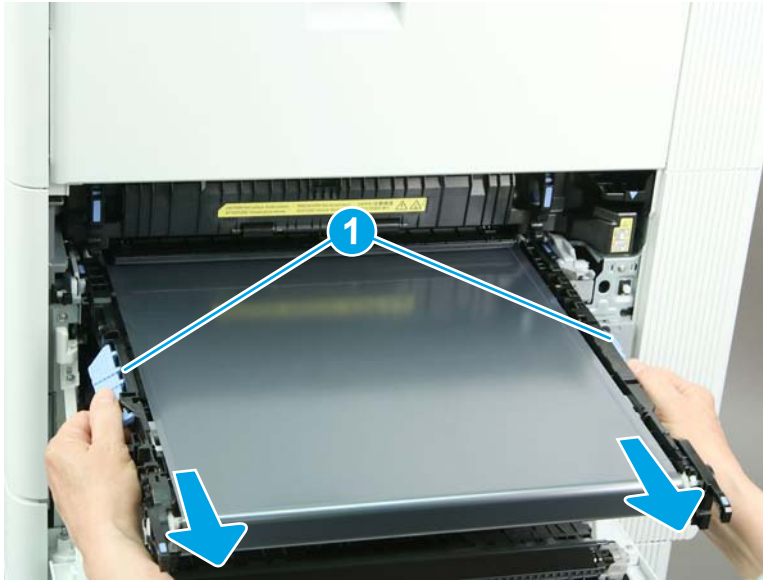
2. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

**Figure 1-852** Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

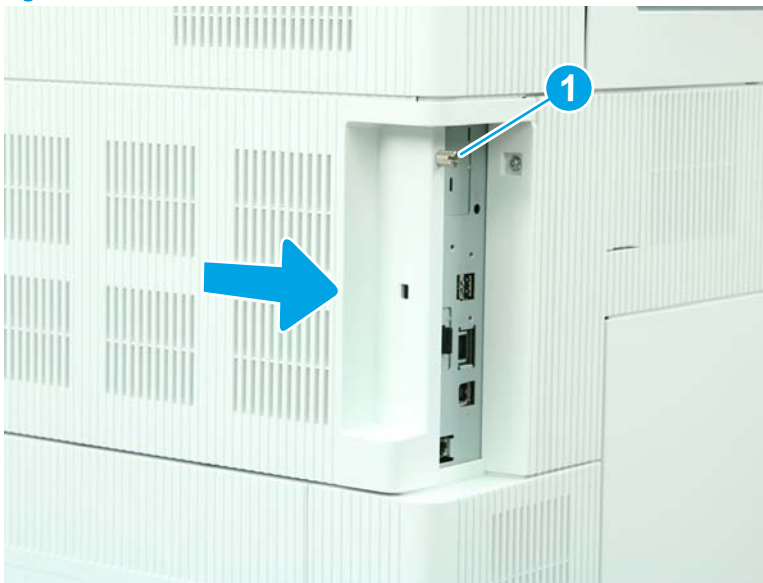
Figure 1-853 Remove the ITB



3. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

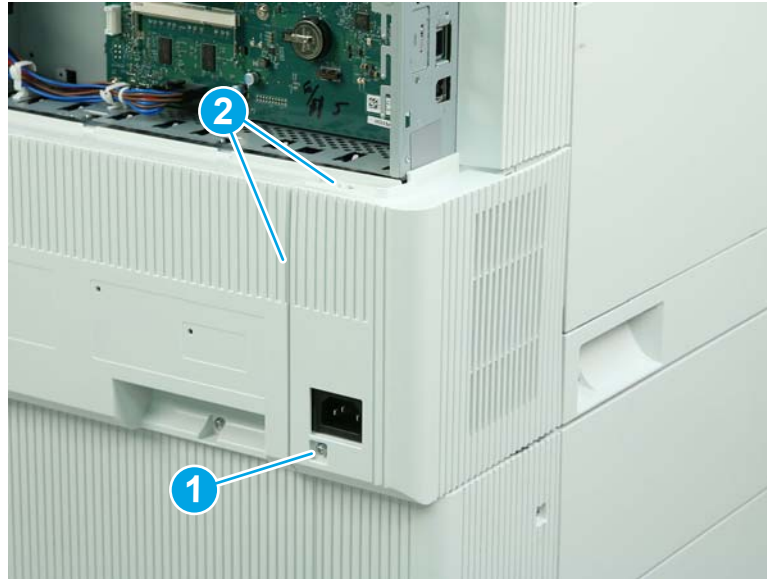
Figure 1-854 Remove the formatter cover



4. Remove the left lower cover (M856/E85055/M776).

- a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-855 Remove one screw and release two tabs



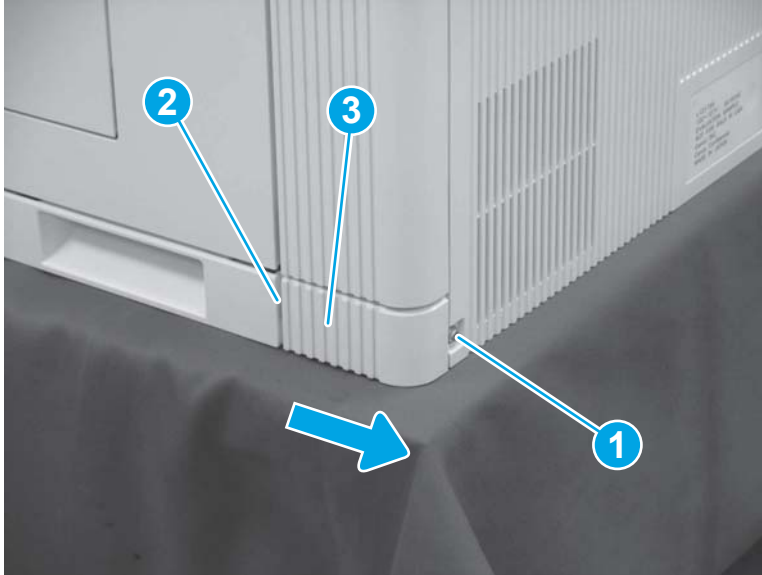
- b. Rotate the cover away from the printer to remove it.

Figure 1-856 Remove the left lower cover



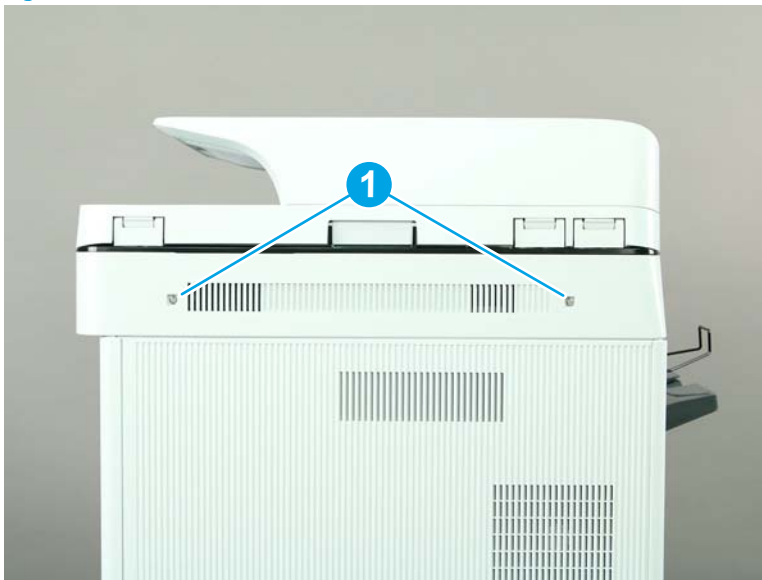
- 5. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-857 Remove the right rear lower cover



6. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-858 Remove two screws





- b. Remove the SCB cover.

**Figure 1-859** Remove the SCB cover

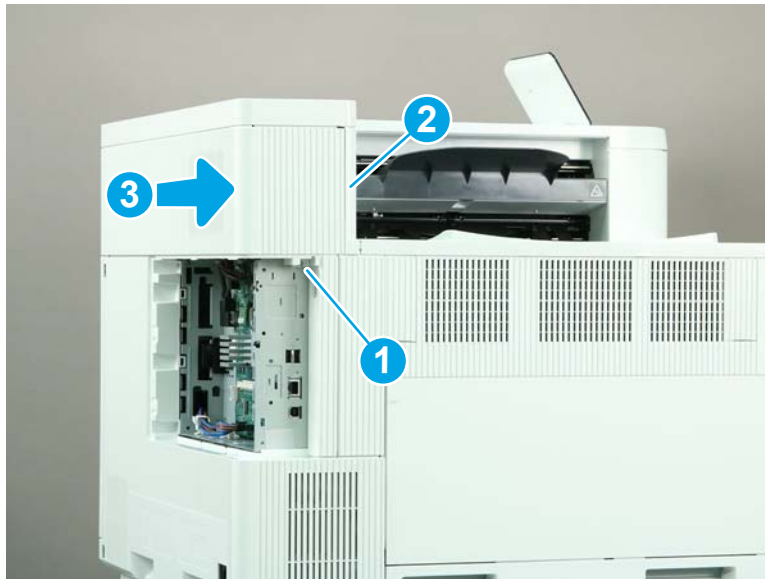


7. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

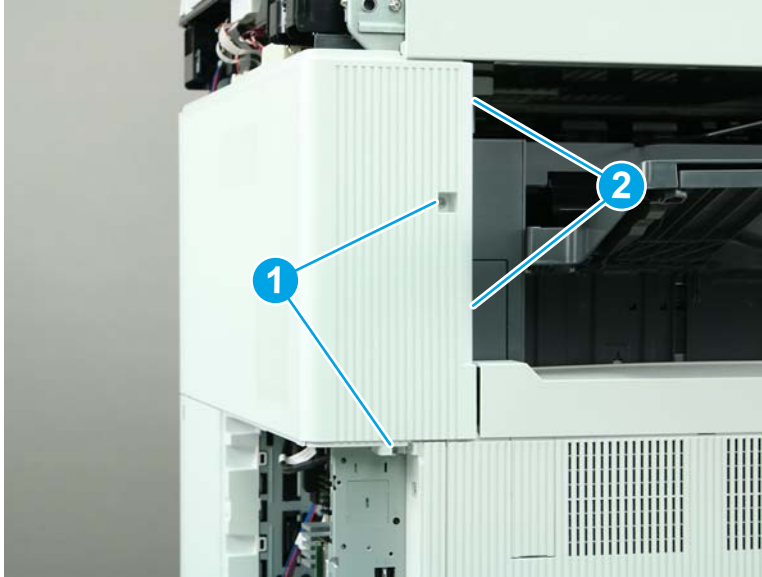
**Figure 1-860** Remove the rear upper cover



8. Remove the rear upper cover and left rear upper cover (M776zs).

- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-861 Remove two screws and release two tabs



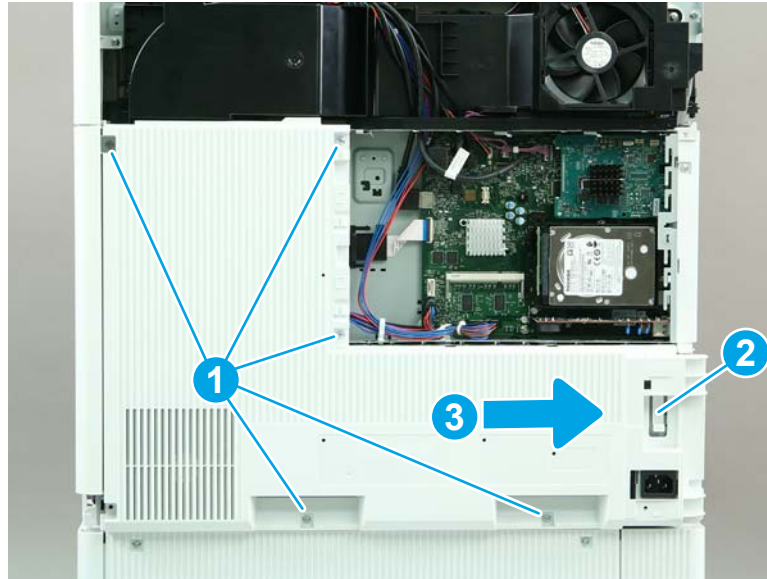
- b. Slide the cover to the right to remove it.

Figure 1-862 Remove the rear upper and left rear upper cover



- 9. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-863 Remove the rear cover (M856/E85055/M776)



10. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-864 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-865 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-866 Slide the control panel back



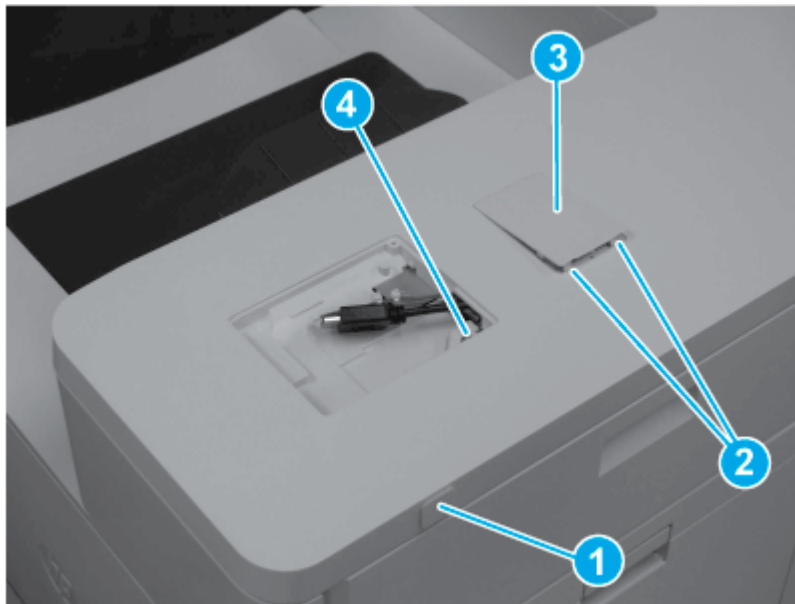
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-867 Disconnect two connectors



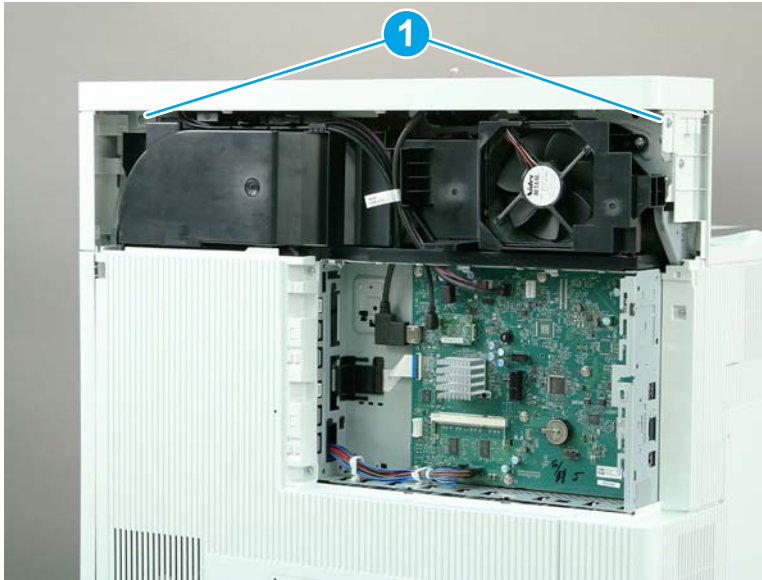
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-868 Remove covers and one screw



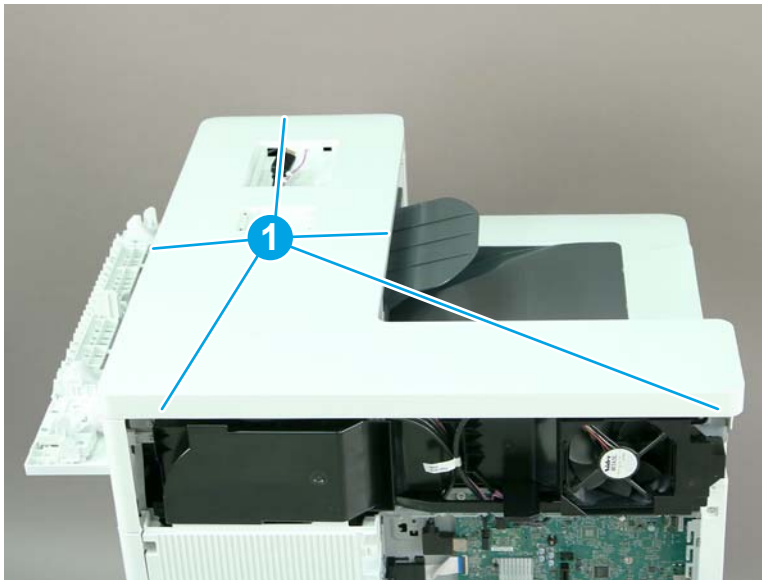
- f. Remove two screws (callout 1).

Figure 1-869 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

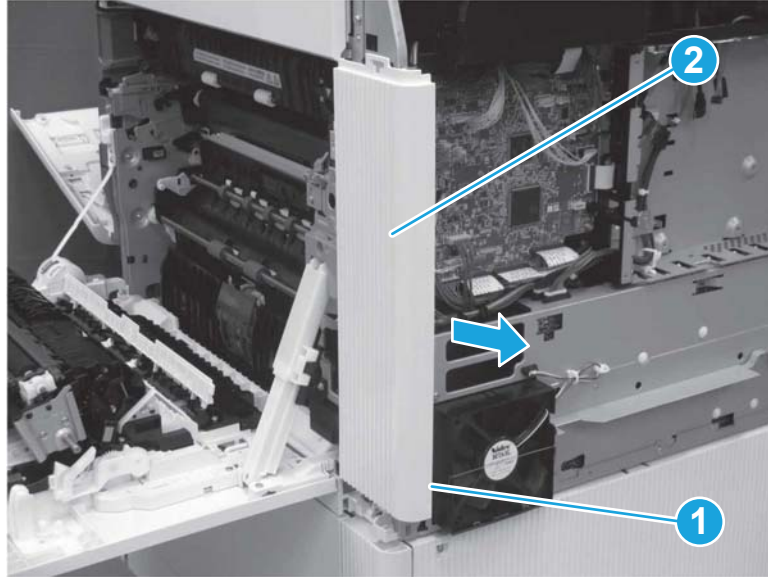
Figure 1-870 Release five tabs



- 11. Remove the right rear cover (M856/E85055/M776).

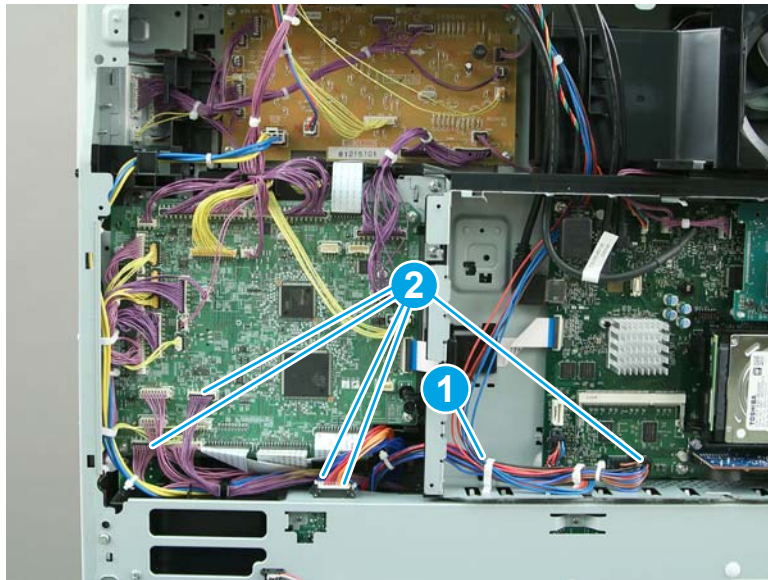
- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

Figure 1-871 Remove right rear cover



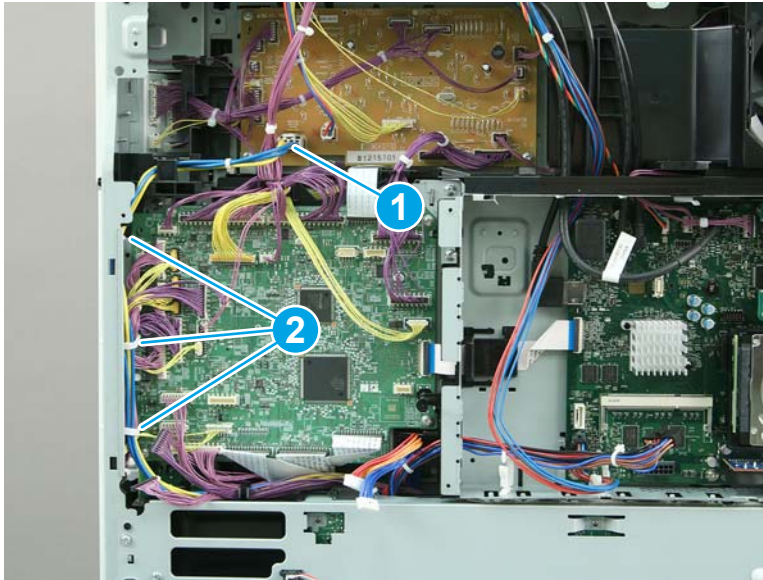
12. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-872 Release the retainer and disconnect five connectors



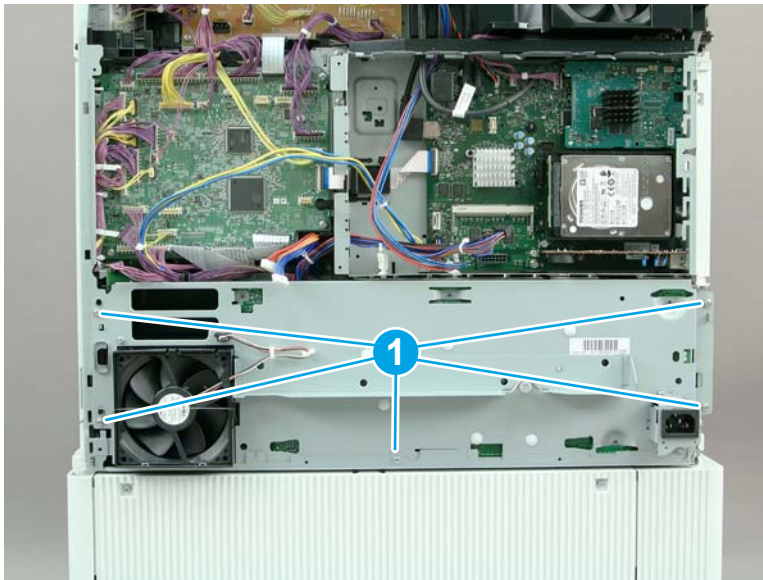
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-873 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-874 Remove five screws



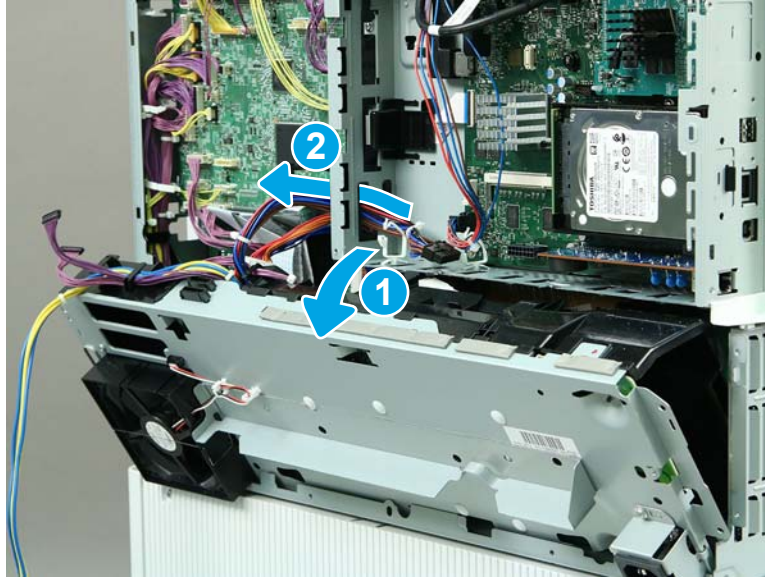


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

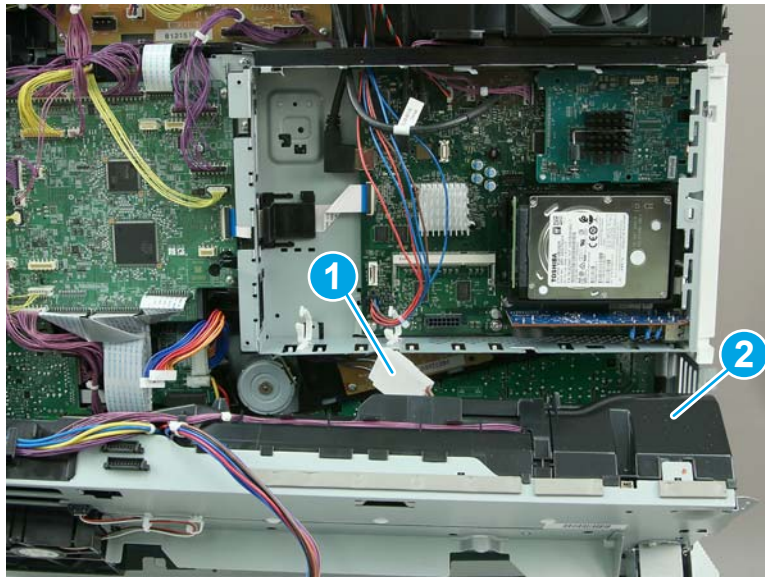
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-875 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).


Figure 1-876 Remove the LVPS



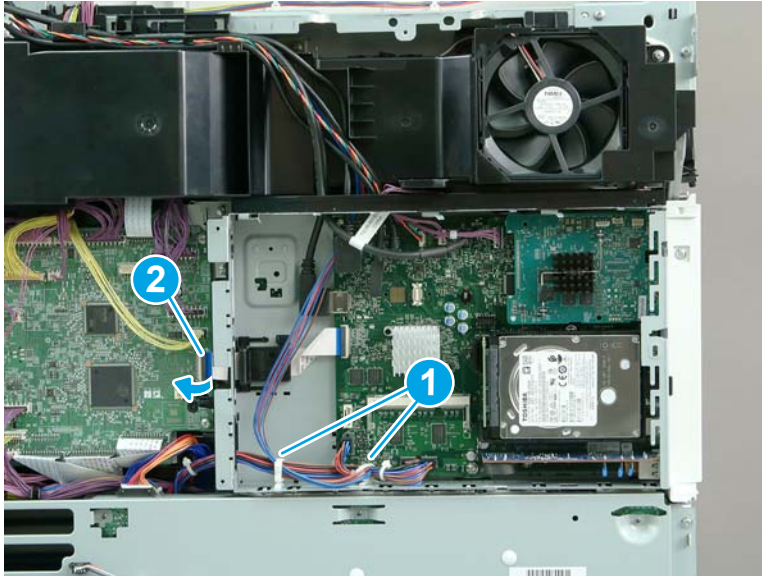
13. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

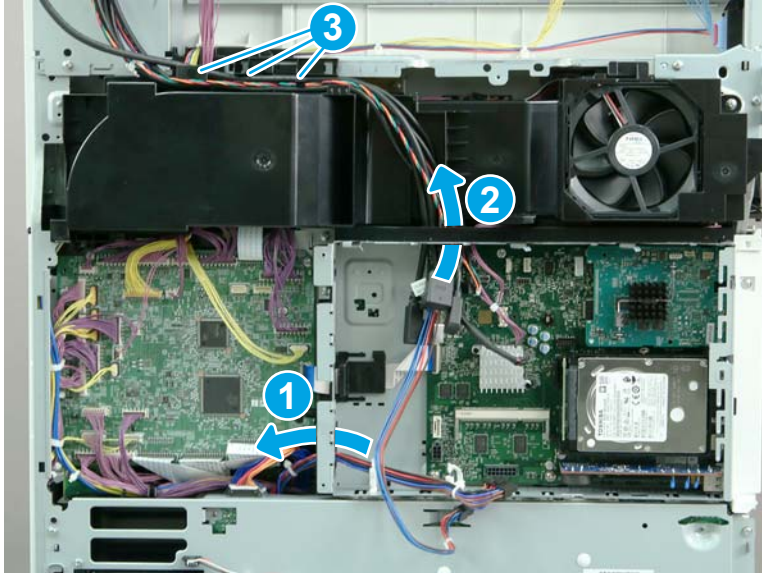
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

**Figure 1-877** Disconnect the connectors



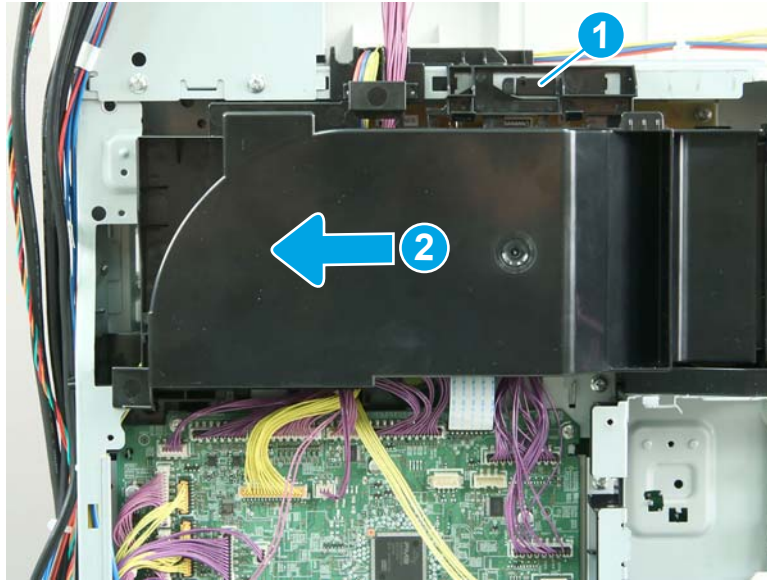
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

**Figure 1-878** Release the cables



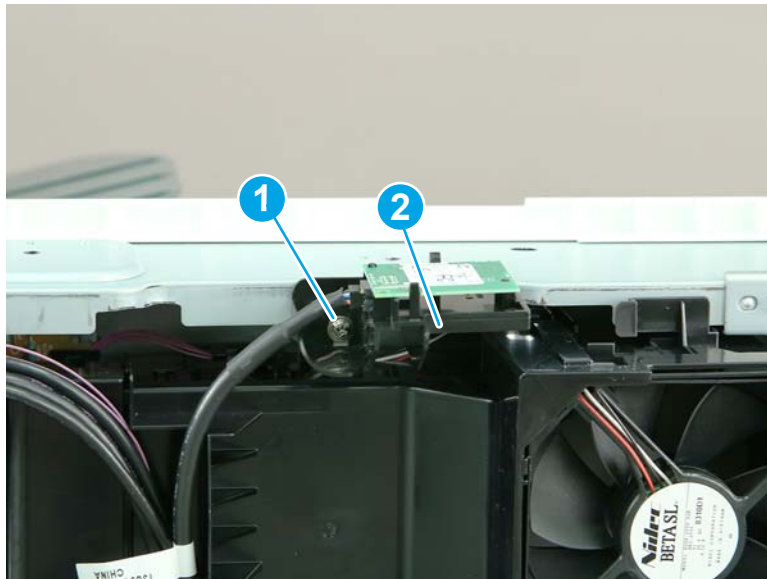
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-879 Remove the fan duct



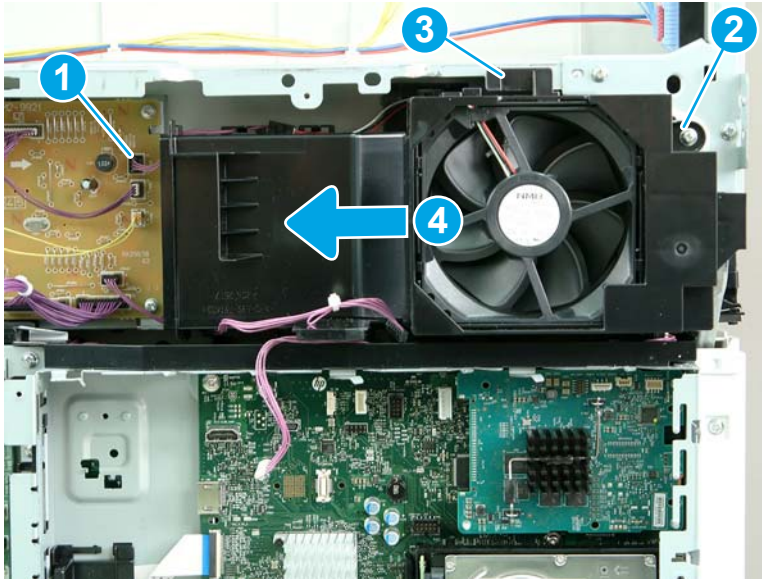
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-880 Remove the wireless card and bracket



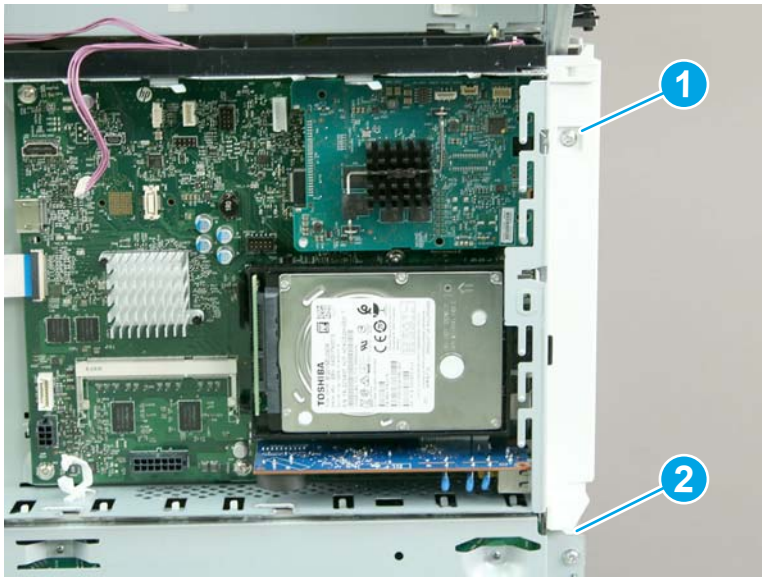
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-881 Remove the fan assembly



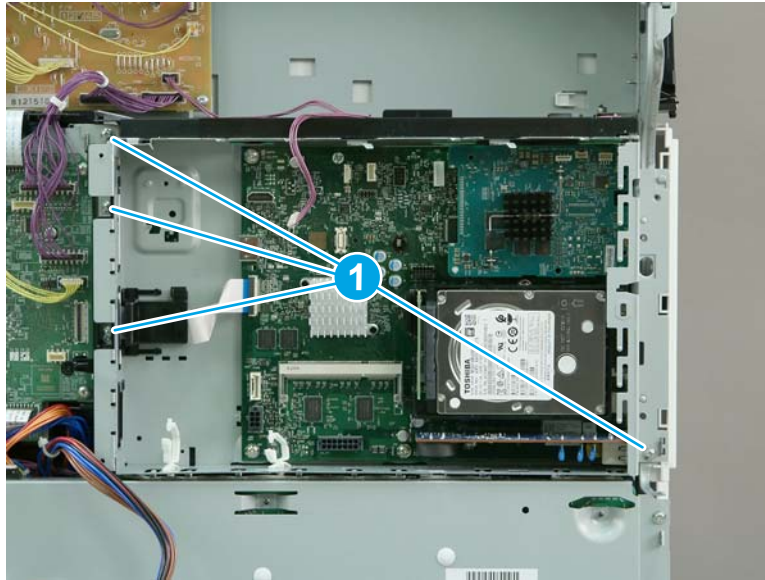
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-882 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-883 Remove four screws



- h. Remove the formatter and case.

Figure 1-884 Remove the formatter and case



- 14. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-885 Disconnect one connector and remove one screw



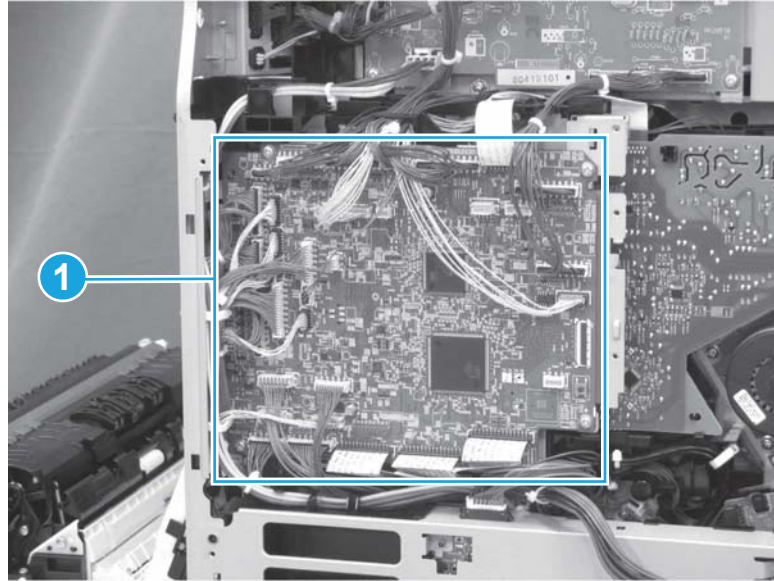
- b. Release six tabs (callout 1), and then remove the upper HVPS.

Figure 1-886 Release six tabs



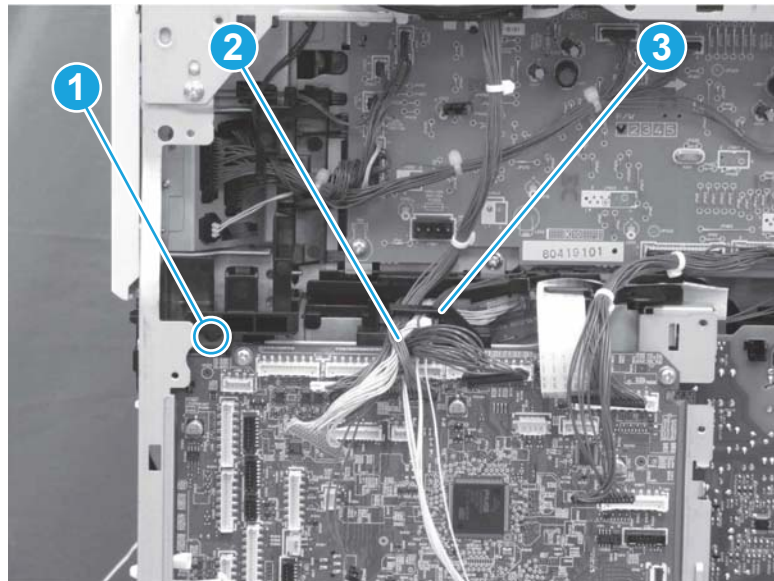
- 15. Remove the DC controller and case (M856/E85055/M776).
  - a. Disconnect all of the connectors on the DC controller.

Figure 1-887 Disconnect the connectors



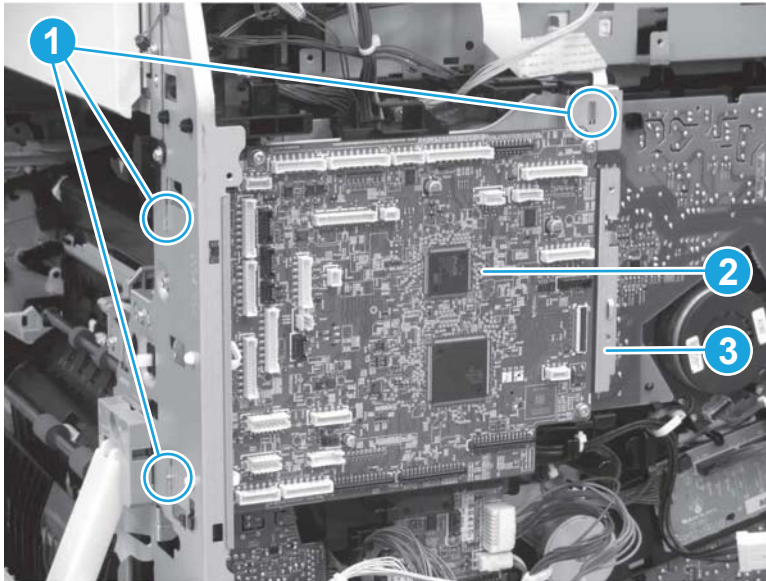
- b. Remove one screw (callout 1), and then release the cables (callout 2) from the cable guide (callout 3).

Figure 1-888 Remove one screw and release the cables



- c. Remove one screw (callout 1), and then remove the DC controller (callout 2) together with the metal case (callout 3).

Figure 1-889 Remove the DC controller and case



- 16. Remove the fuser motor (M856/E85055/M776).

- ▲ Remove three screws (callout 1), and then remove the fuser motor (callout 2).


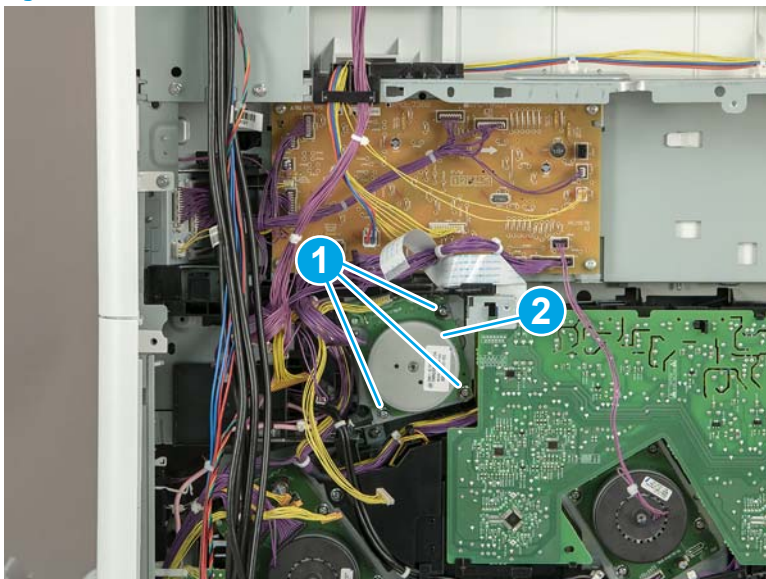
 **NOTE:** Disconnect the connector on the motor and reconnect it to the replacement part.

Figure 1-890 Remove the fuser motor




- 17. Unpack the replacement assembly.
  - a. Dispose of the defective part.




 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.


 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Fuser drive assembly (M751/E75245)

Learn how to remove and replace the fuser drive assembly.

 [View a video of how to remove and replace the fuser drive assembly.](#)


Mean time to repair: 42 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-60 Part information

Part number	Part description
RM2-1391-000CN	Fuser drive assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

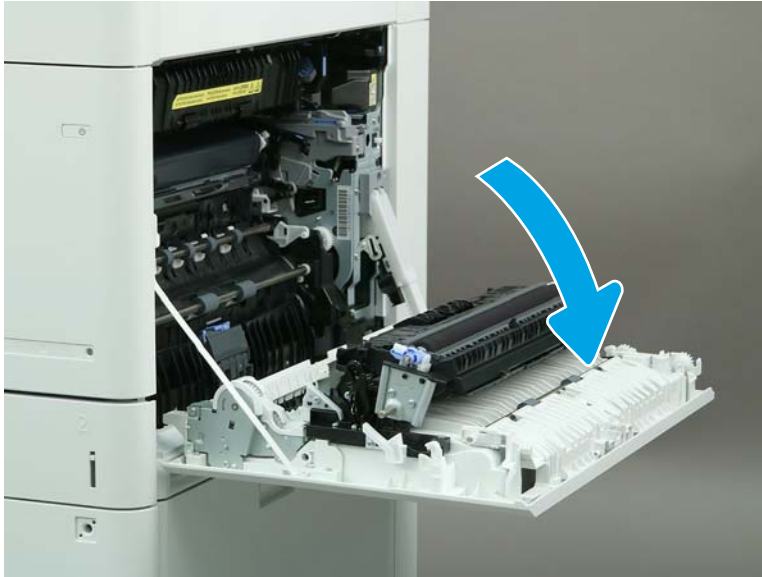
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

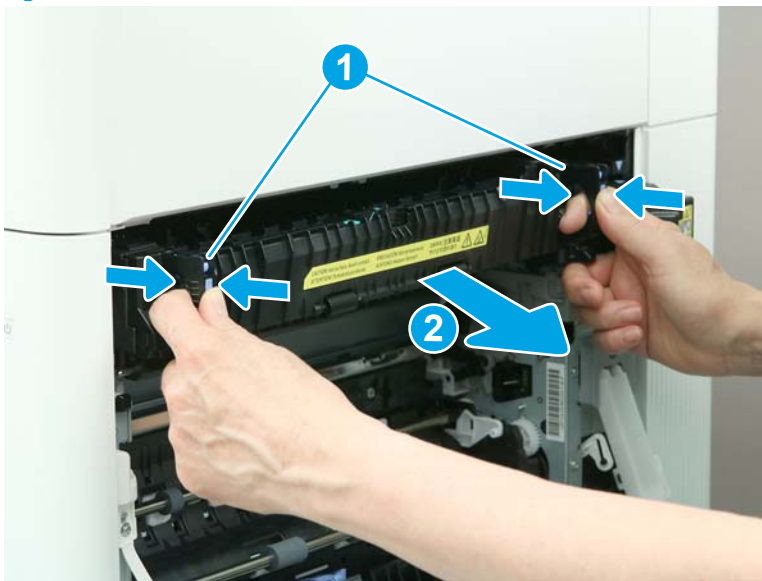
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-891** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

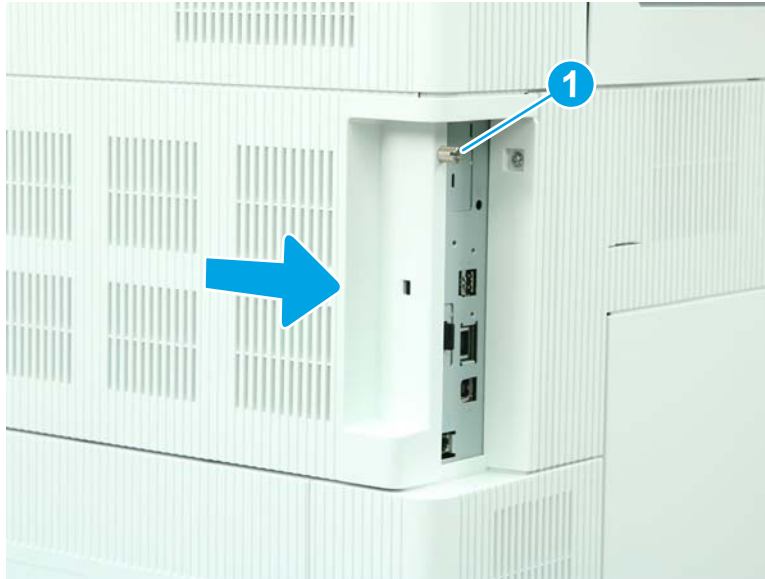
**Figure 1-892** Remove the fuser



2. Remove the formatter cover.

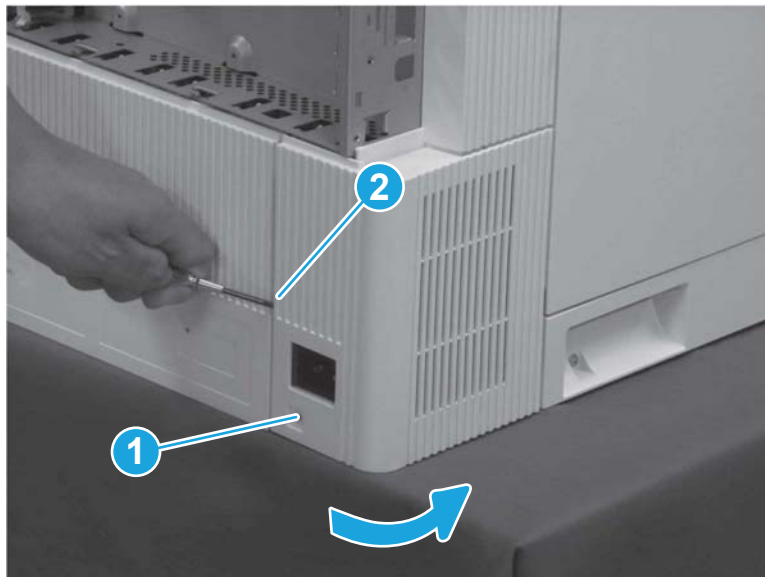
- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-893 Remove the formatter cover



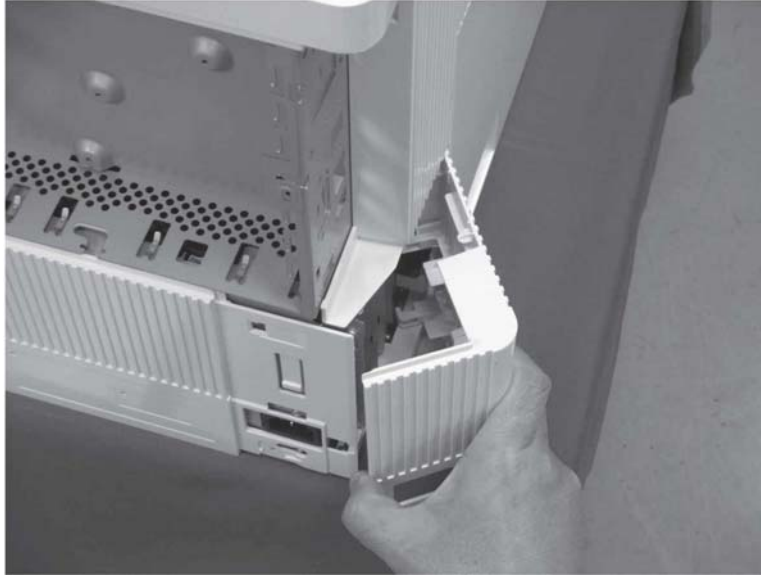
3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-894 Remove one screw and release one tab



- b. Remove the left lower cover.

Figure 1-895 Remove the left lower cover



- 4. Remove the left rear cover (M751/E75245/M856/E85055/M776).

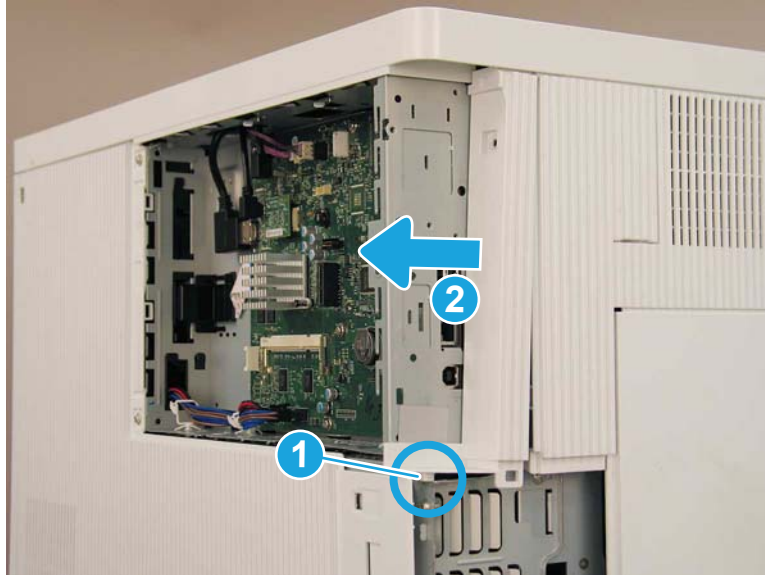
- a. Remove one screw (callout 1).

Figure 1-896 Remove one screw



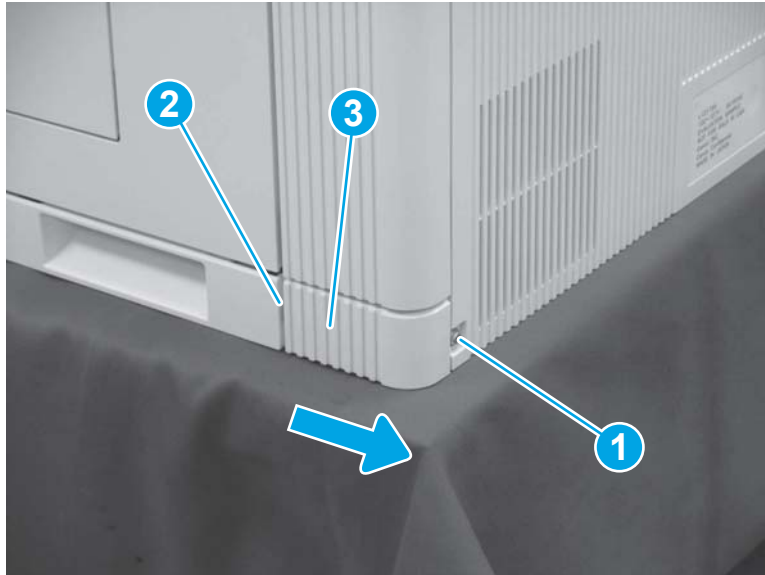
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

**Figure 1-897** Remove the left rear cover



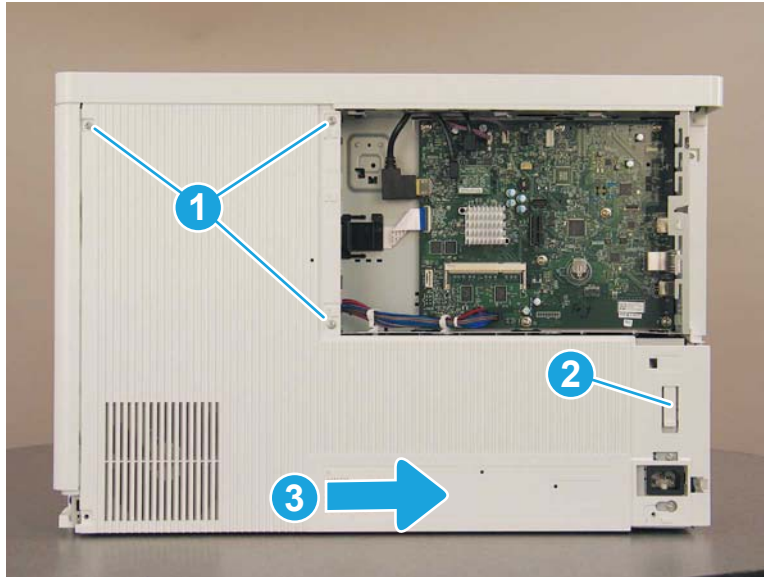
5. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-898** Remove the right rear lower cover




6. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-899 Remove the rear cover

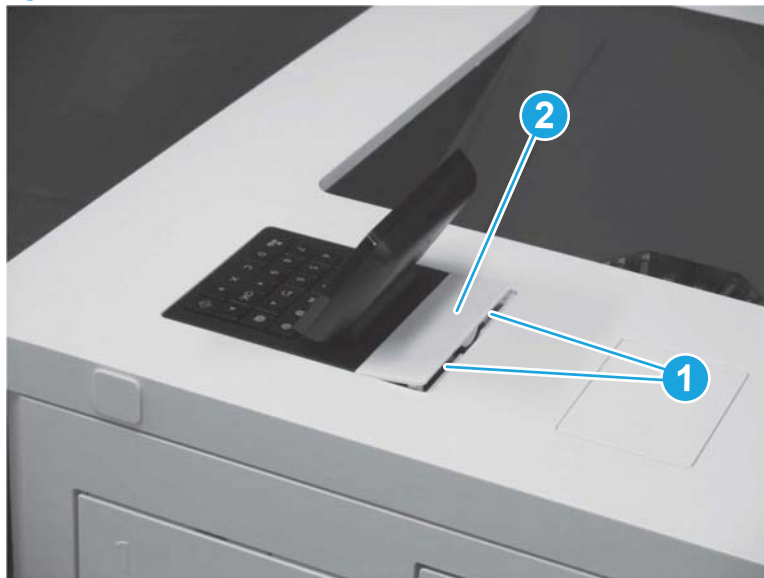


7. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-900 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-901 Remove one screw



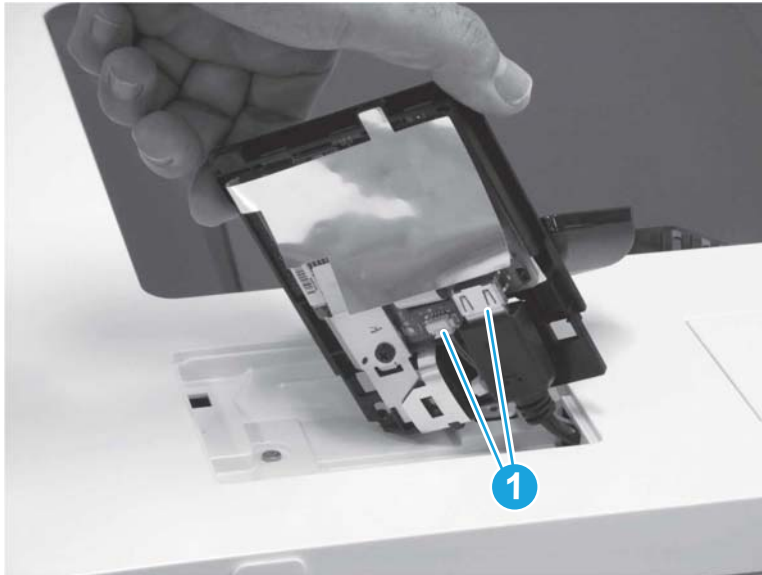
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-902 Slide the control panel back



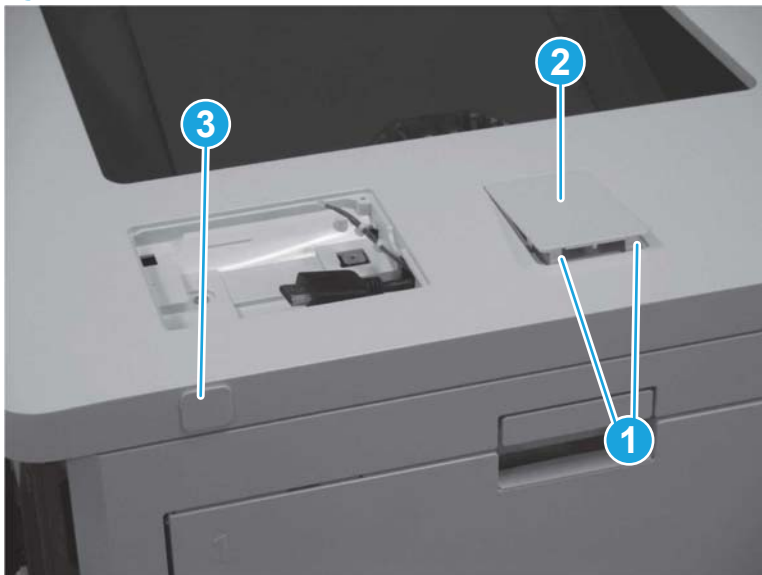
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-903** Disconnect two connectors



8. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

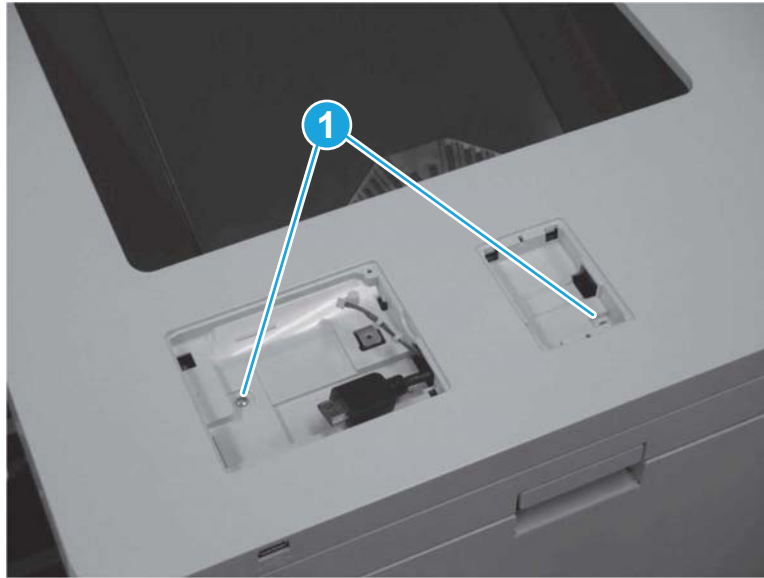
**Figure 1-904** Remove the HIP cover and USB cap





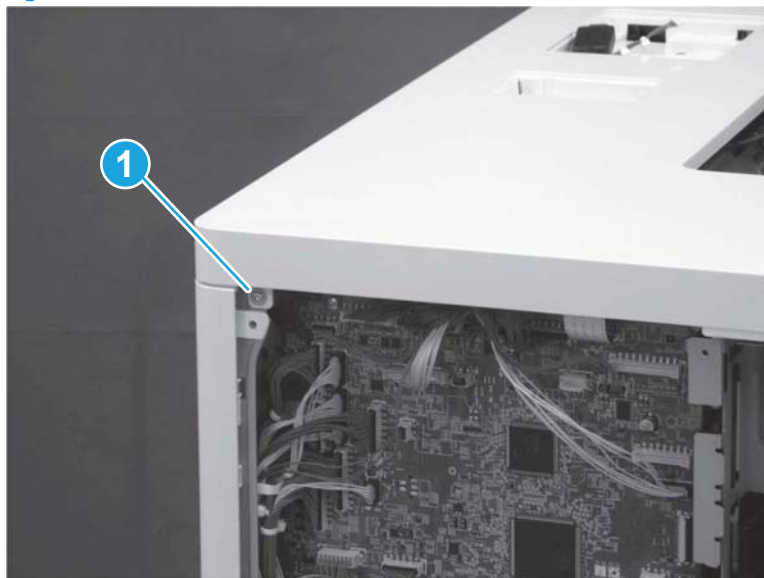
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-905 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-906 Remove one screw

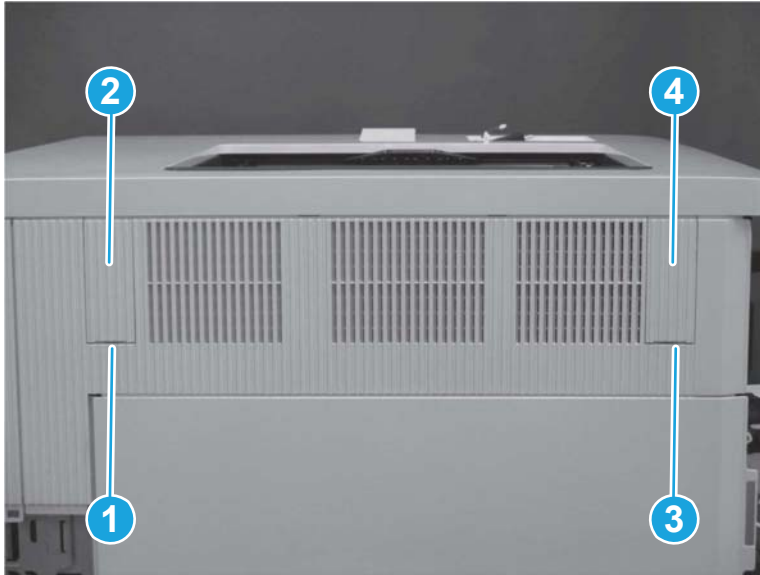


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

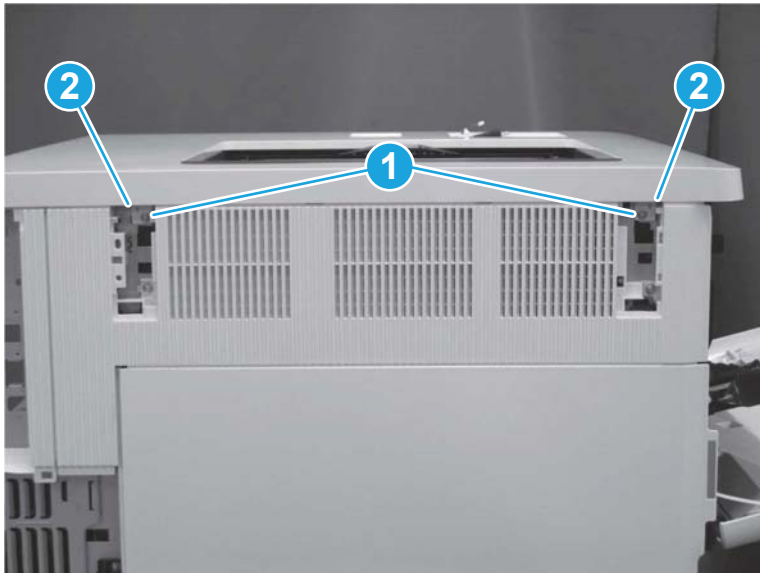
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-907** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

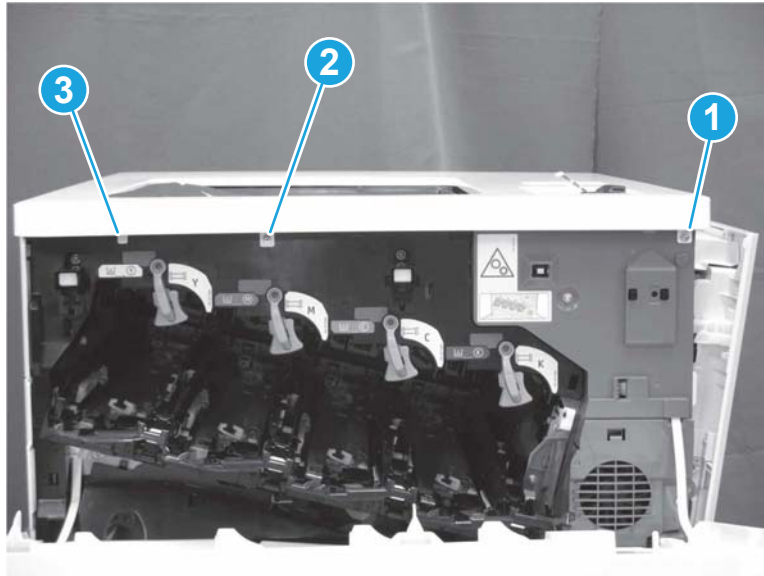
**Figure 1-908** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

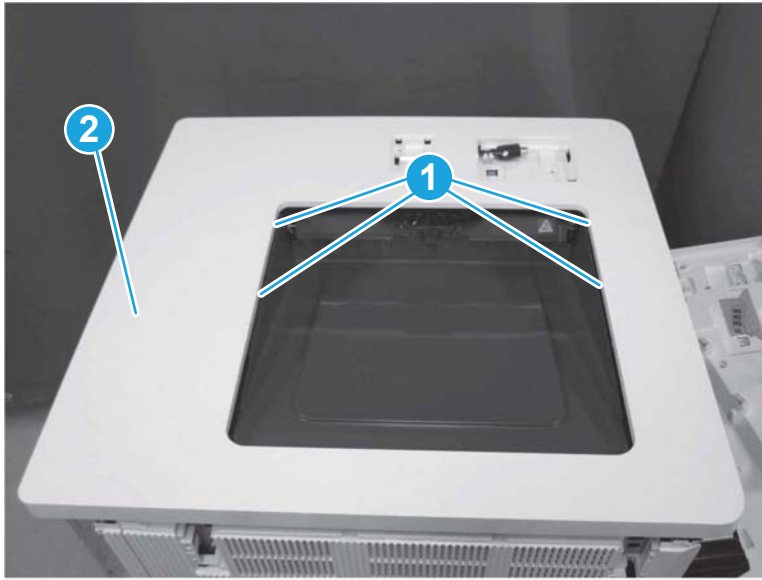
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


**Figure 1-909** Remove two screws and release one tab

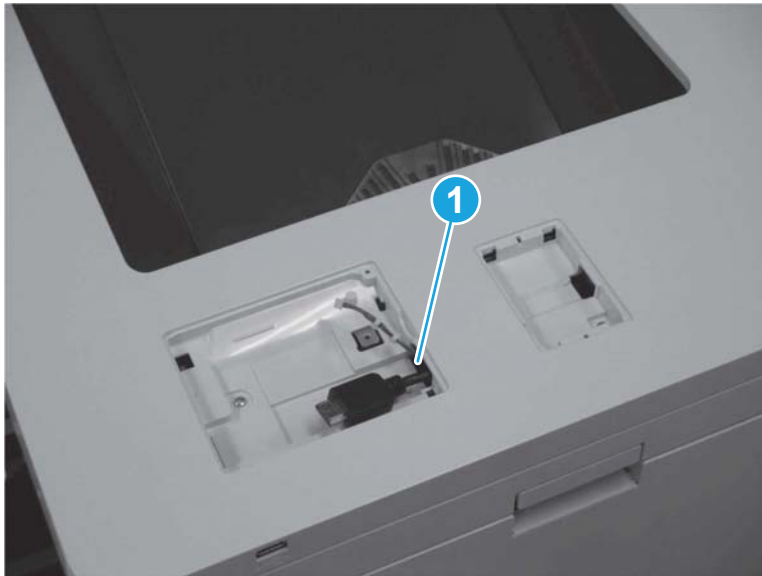


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-910 Remove the top cover



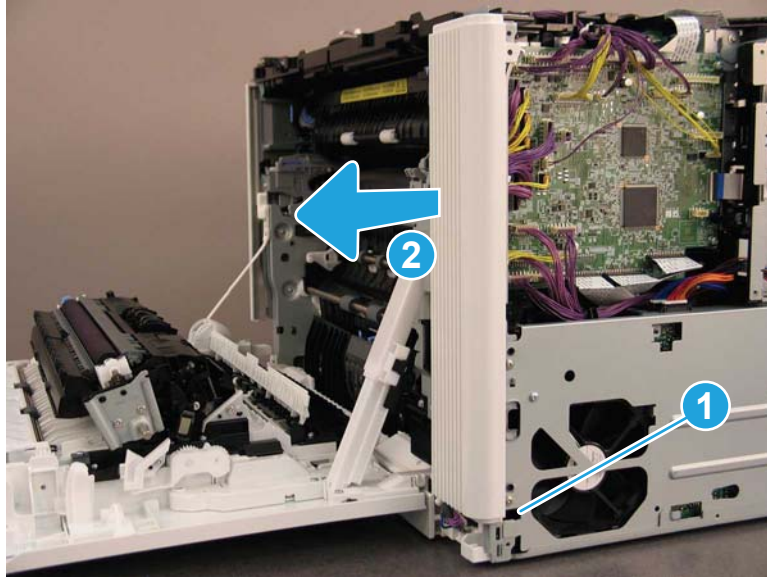
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



9. Remove the right rear cover (M751/E75245).

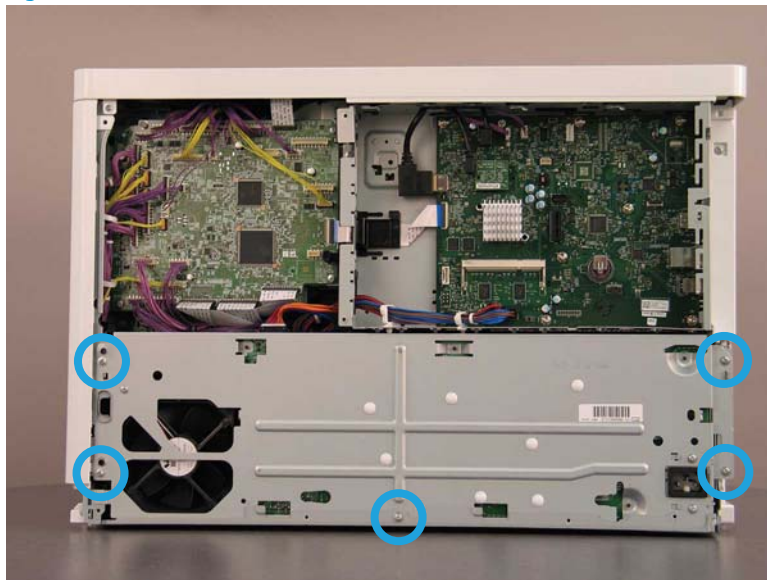
- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

Figure 1-911 Remove the right rear cover



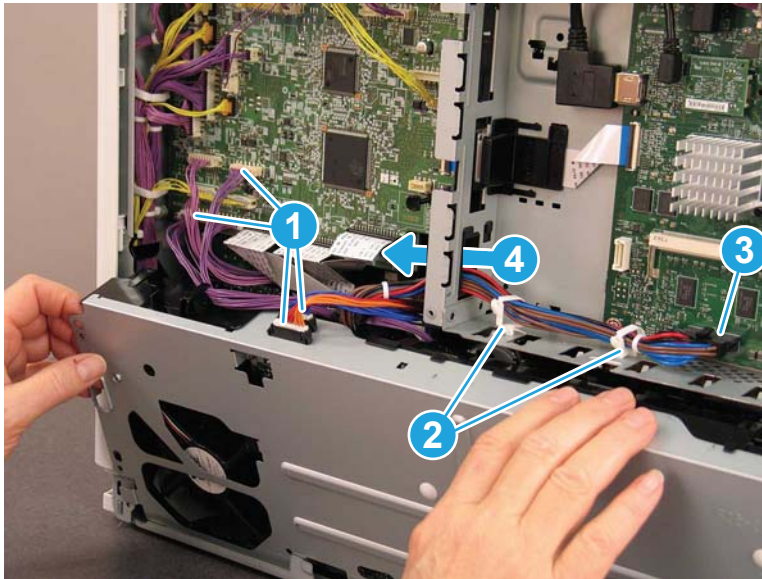
10. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-912 Remove five screws



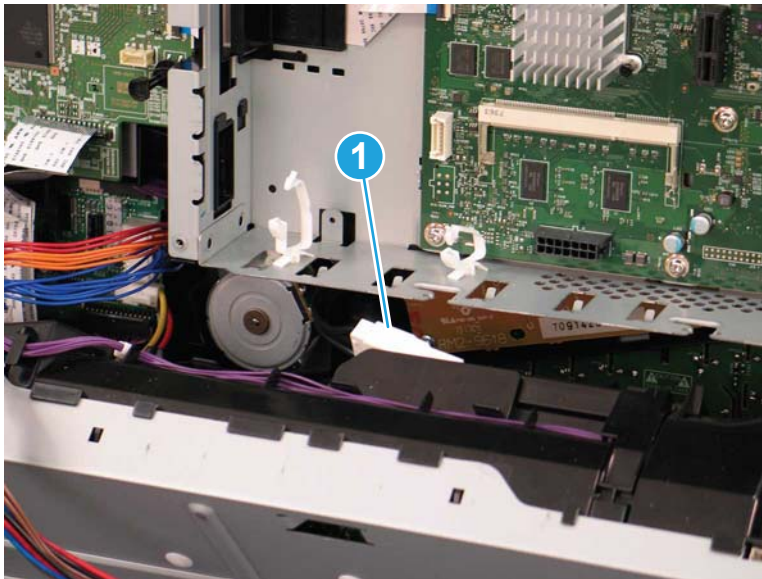
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-913 Disconnect five connectors



- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

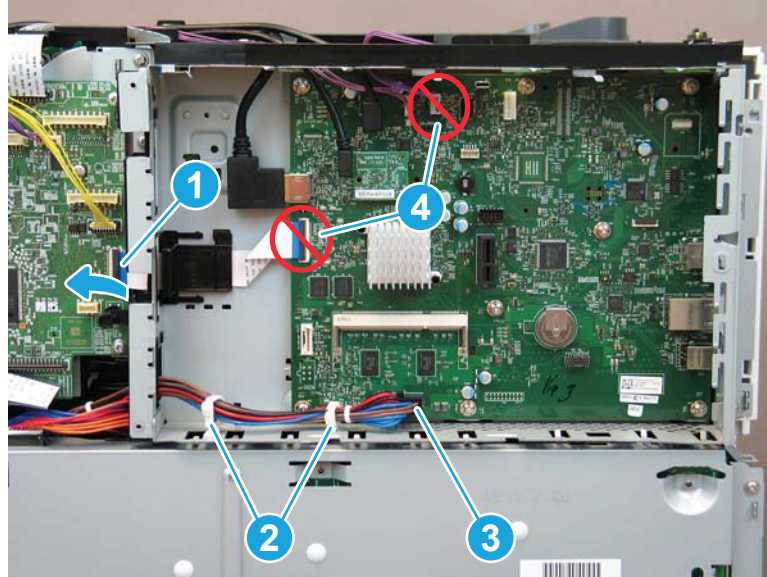
Figure 1-914 Remove the LVPS



11. Remove the formatter and case.

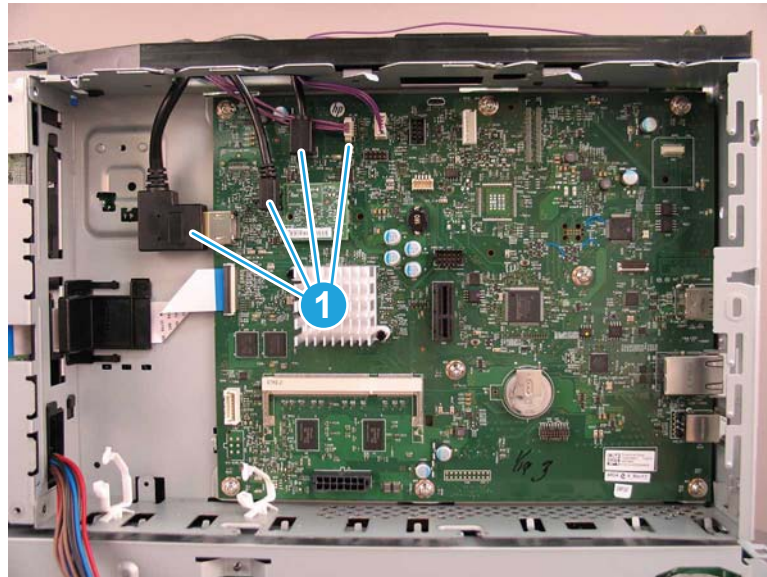
- a. Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-915 Disconnect the connectors



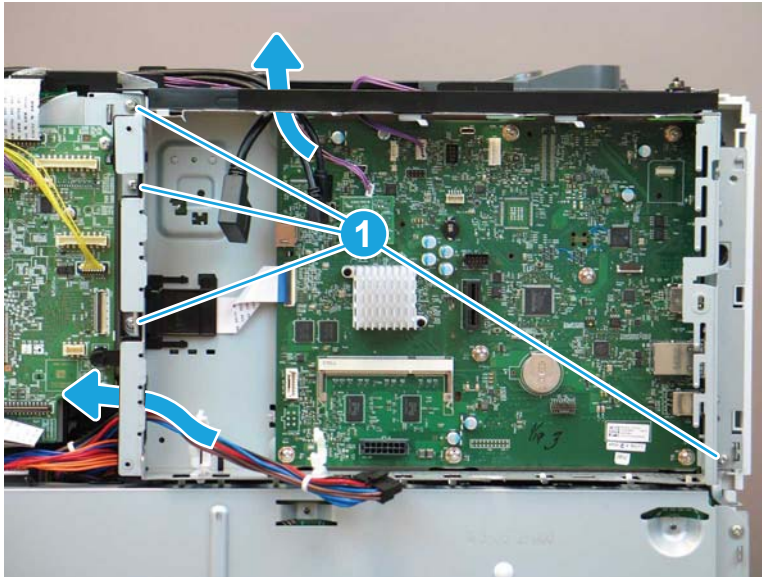
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-916 Disconnect the connectors



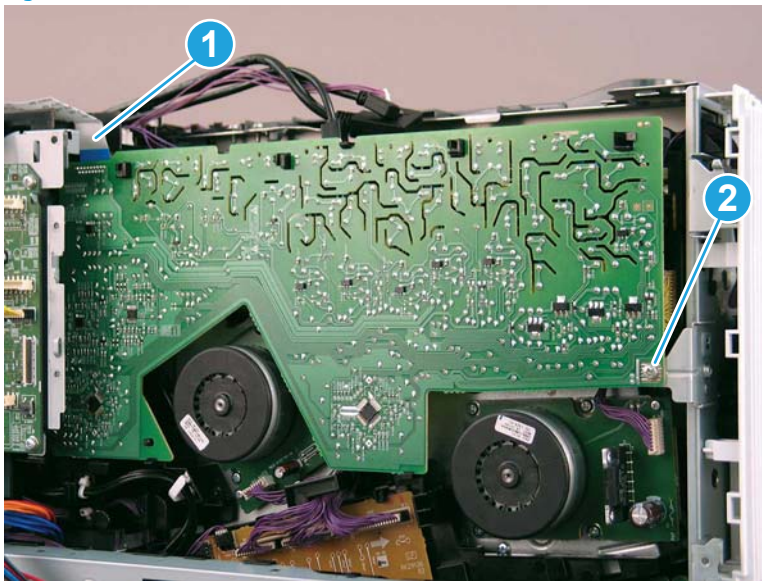
- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

Figure 1-917 Remove the formatter and case



- 12. Remove the upper high-voltage power supply A (upper HVPS).
  - a. Disconnect one flat cable (callout 1), and then remove one screw (callout 2).

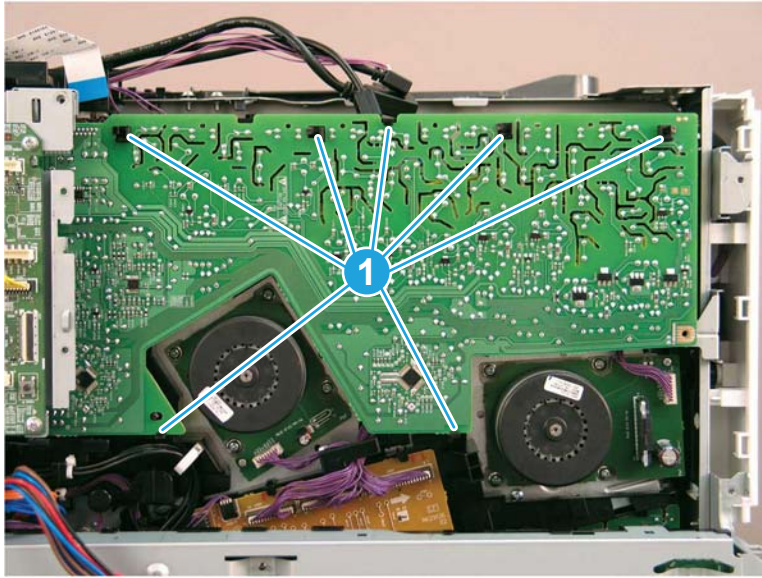
Figure 1-918 Disconnect one flat cable and remove one screw





- b. Release seven tabs (callout 1), and then remove the upper HVPS.

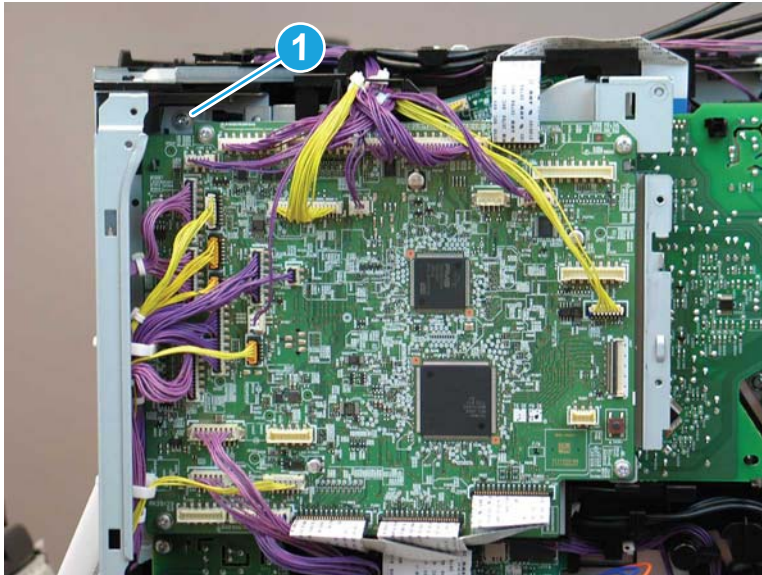
**Figure 1-919** Release seven tabs and remove the upper HVPS



- 13. Remove the DC controller and case.

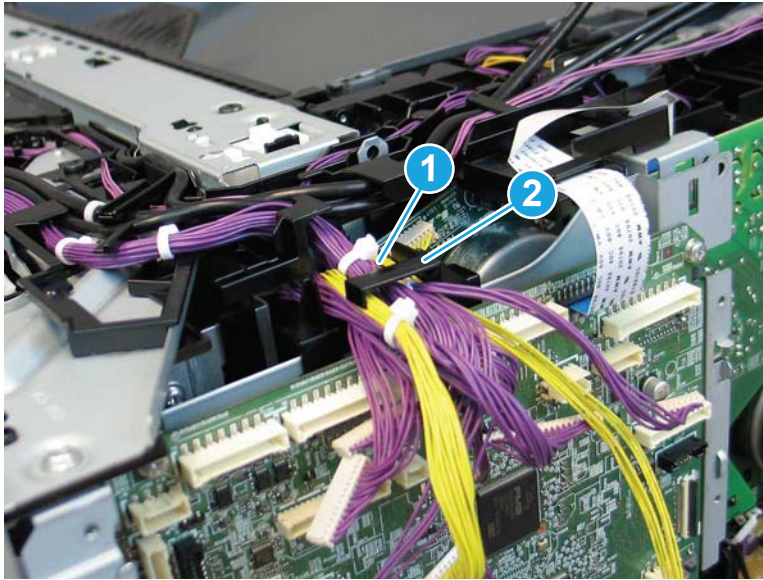
- a. Disconnect all of the connectors on the DC controller, and then remove one screw (callout 1).

**Figure 1-920** Disconnect connectors and remove one screw



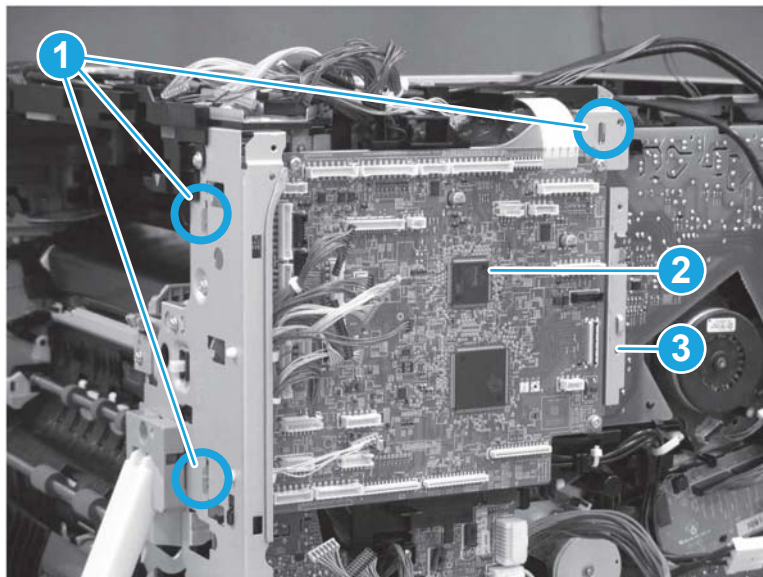
- b. Release the wire harnesses (callout 1) from the retainer (callout 2).

**Figure 1-921** Remove the wire harnesses from the retainer



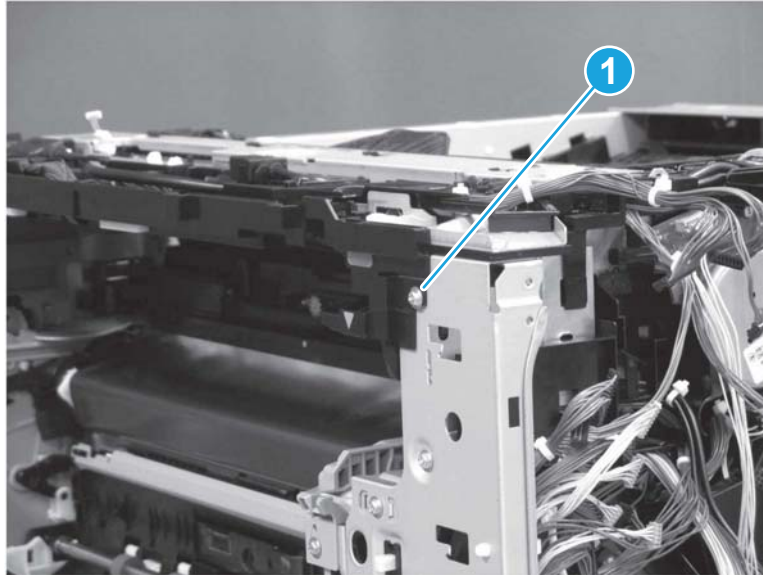
- c. Lift up to release three tabs (callout 1), and then remove the DC controller (callout 2) together with the case (callout 3).

**Figure 1-922** Remove the DC controller and case



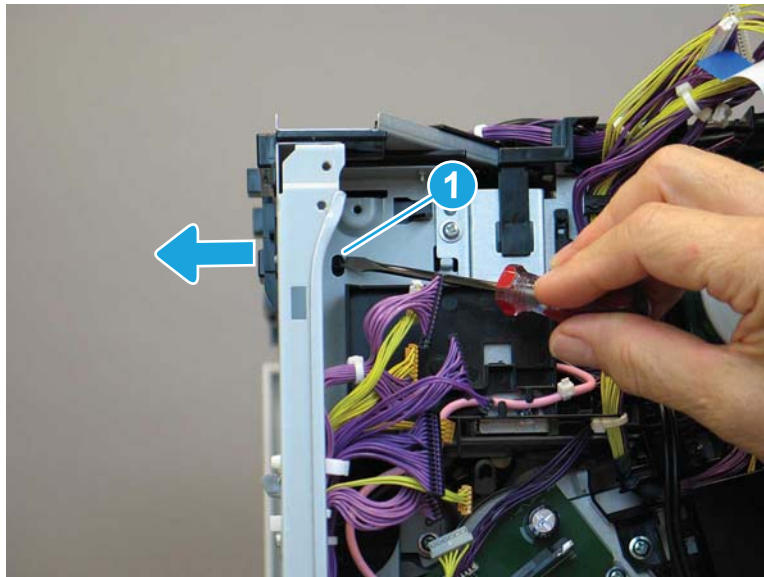
- 14. Remove the fuser drive assembly.
  - a. Remove one screw (callout 1).

Figure 1-923 Remove one screw



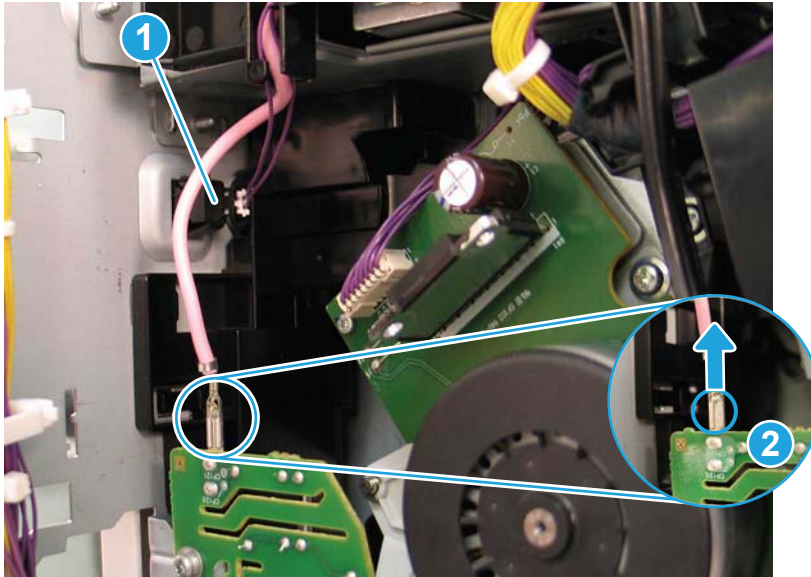
- b. Release one tab (callout 1), and then slide the guide away from the printer to remove it.

Figure 1-924 Remove the guide



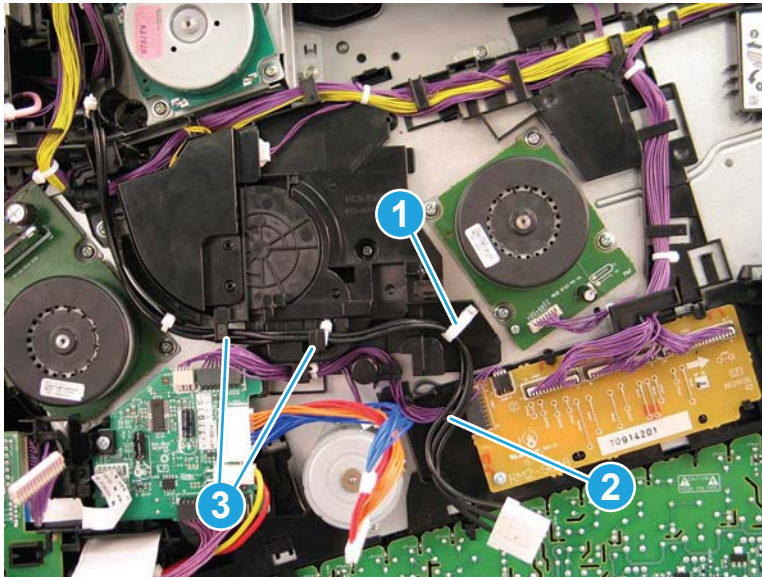
- c. Disconnect one connector (callout 1). Press and hold the small tab (callout 2), and then lift up to disconnect the connector.

Figure 1-925 Disconnect two connectors



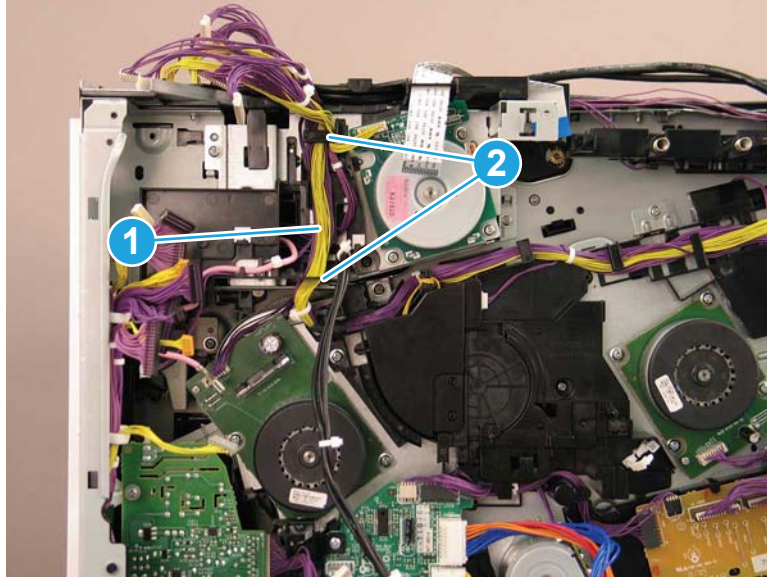
- d. Release one retainer (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-926 Release the cables from the guides



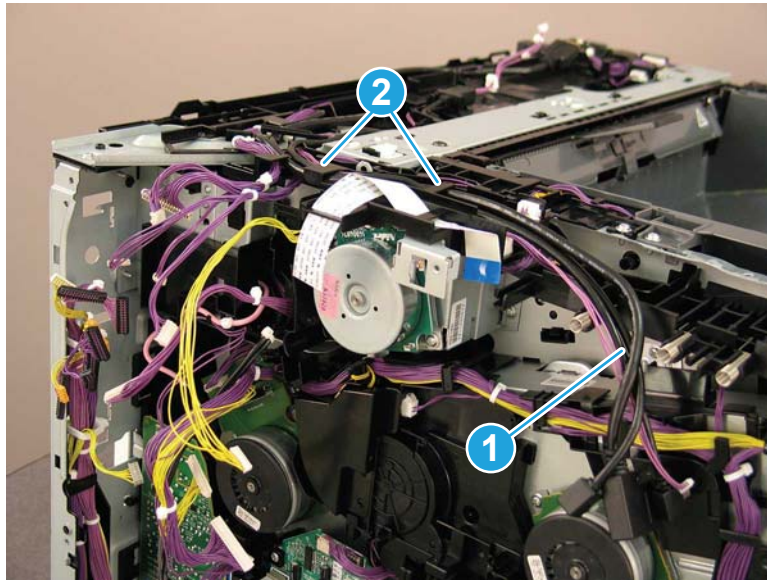
- e. Release the cables (callout 1) from the guides (callout 2).

Figure 1-927 Release the cables from the guides



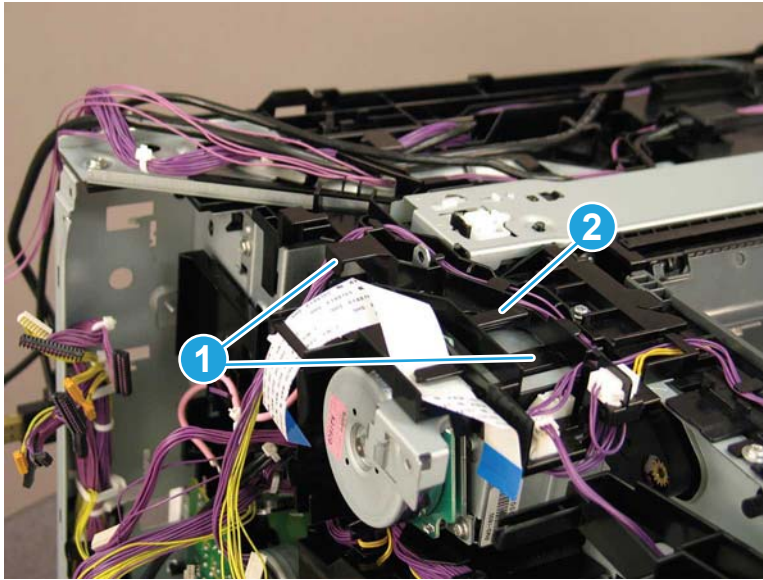
- f. Release the cables (callout 1) from the guides (callout 2).

Figure 1-928 Release the cables from the guides



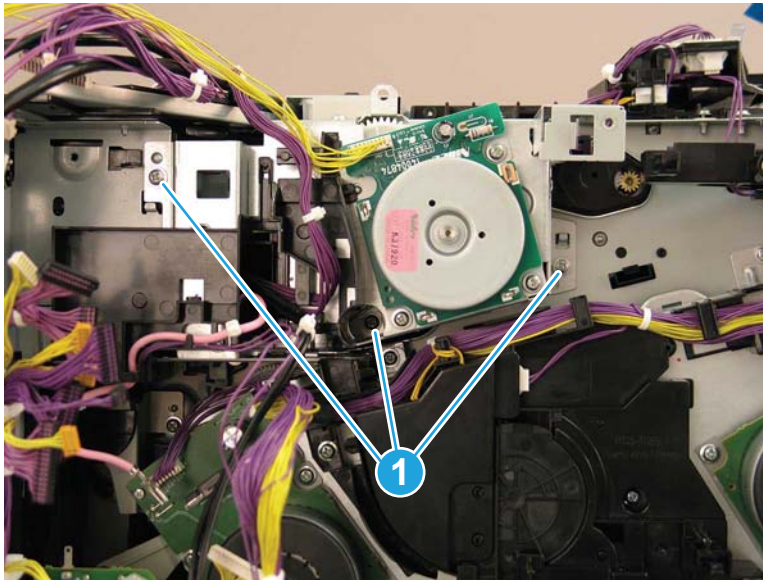
- g. Release two tabs (callout 1), and then release the cable guide (callout 2).

Figure 1-929 Release the cable guide



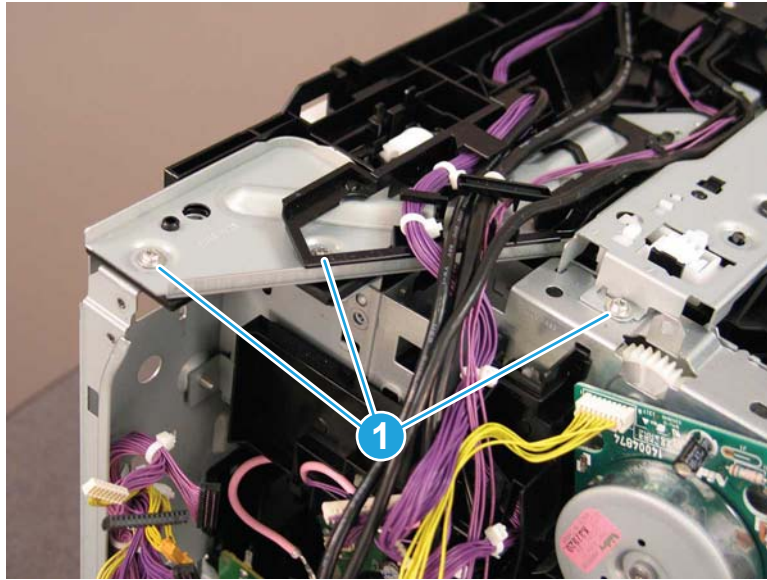
- h. At the back of the printer, remove three screws (callout 1).

Figure 1-930 Remove three screws



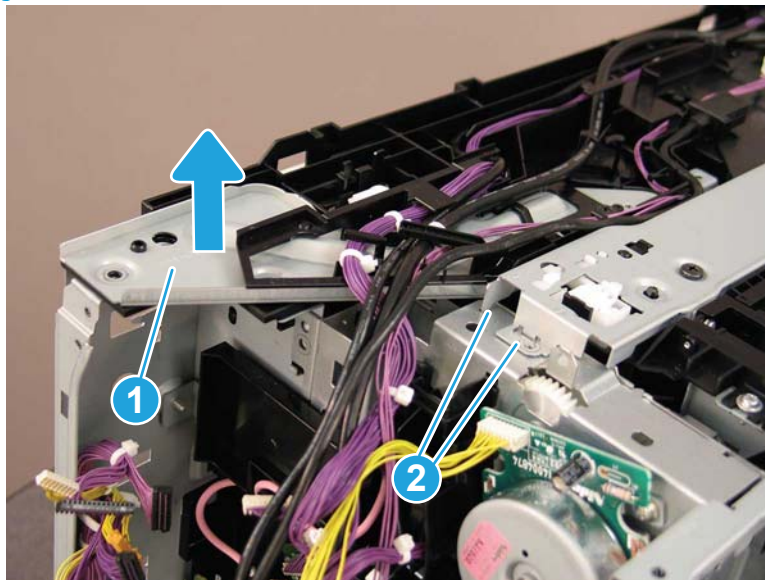
- i. At the top of the printer, remove three screws (callout 1).

Figure 1-931 Remove three screws



- j. Raise the plate (callout 1), and then release two bosses (callout 2).

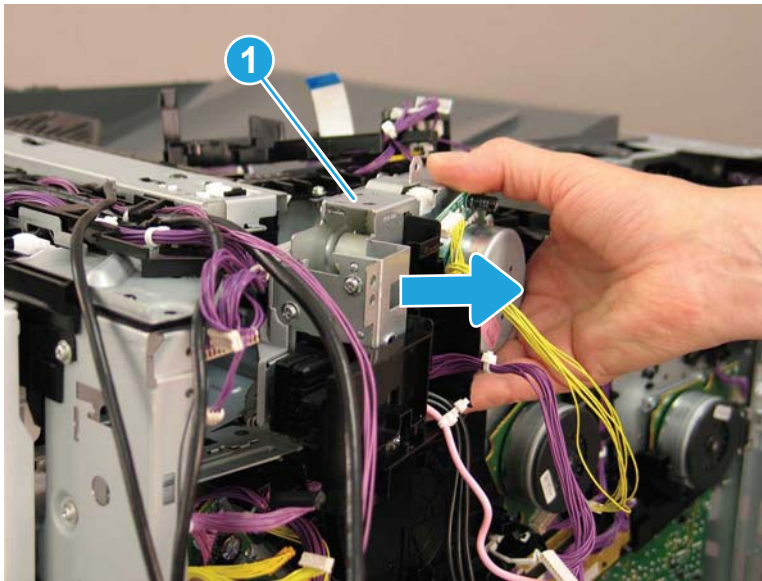
Figure 1-932 Release two bosses



- k. Carefully lift the fuser drive assembly (callout 1) slightly away from the printer.

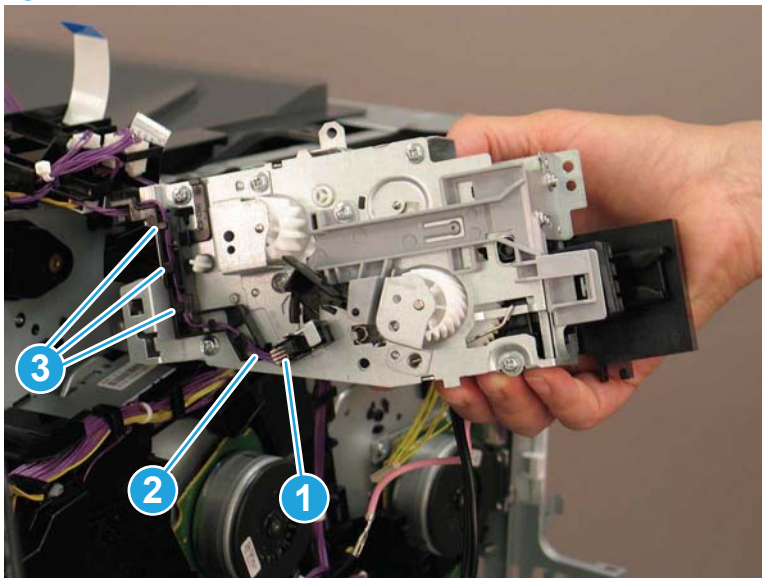
**CAUTION:** The fuser drive assembly is still attached to the printer. Do not try to remove it completely

Figure 1-933 Lift the fuser drive assembly



- l. Disconnect one connector (callout 1), and then release the wire harness (callout 2) from the guides (callout 3).

Figure 1-934 Remove the fuser drive assembly



- 15. Unpack the replacement assembly.
  - a. Dispose of the defective part.




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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Fuser drive assembly (M856/E85055/M776)

Learn how to remove and replace the fuser drive assembly (M856/E85055/M776dn/M776z/M776zs).


Mean time to repair: 35 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-61** Part information

Part number	Part description
RM2-1391-000CN	Fuser drive assembly

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### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

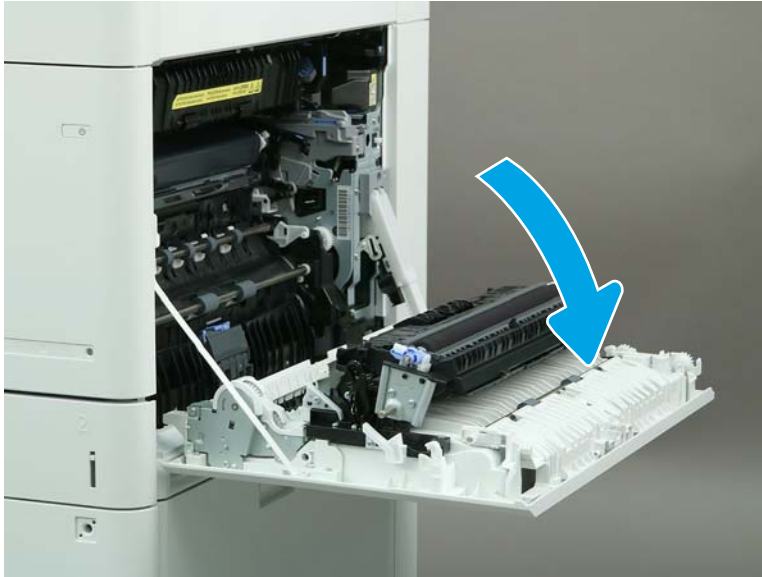
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

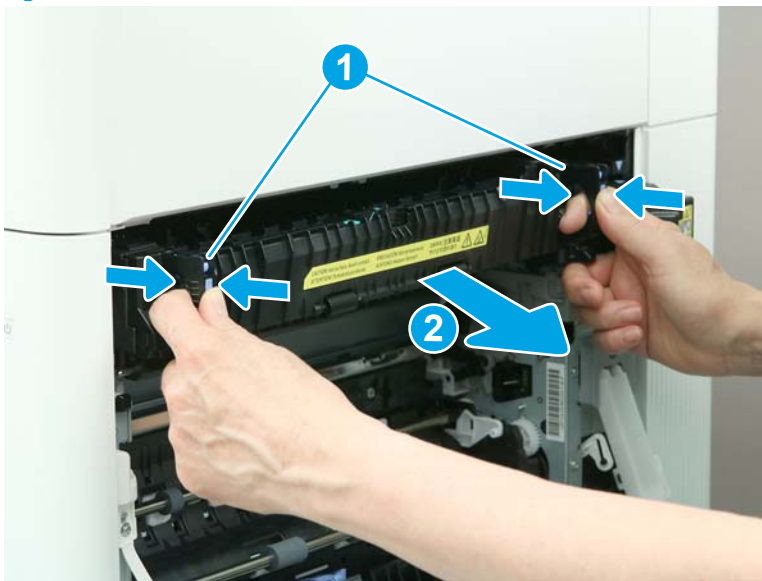
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-935** Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

**Figure 1-936** Remove the fuser



2. Remove the intermediate transfer belt (ITB).

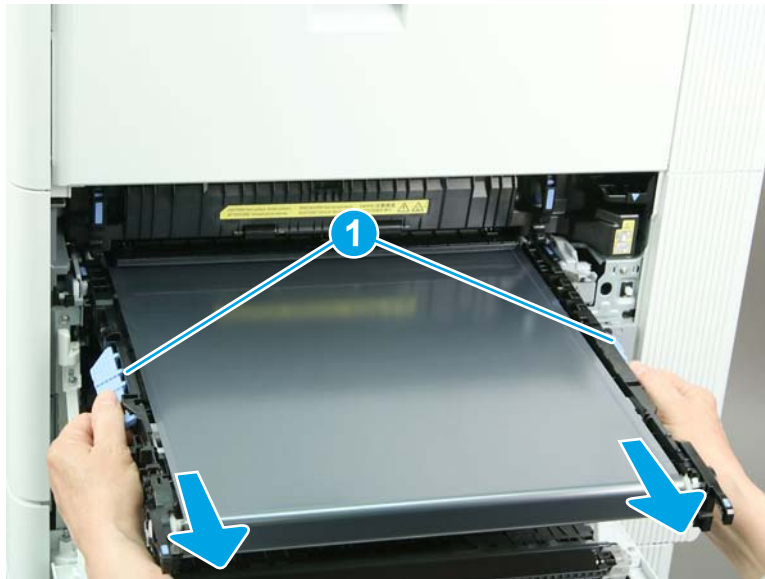
- a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-937 Partially remove the ITB



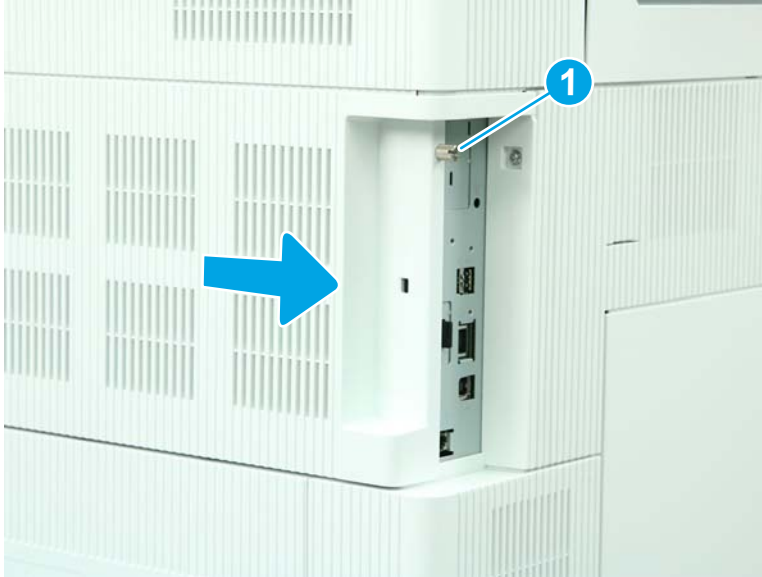
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-938 Remove the ITB



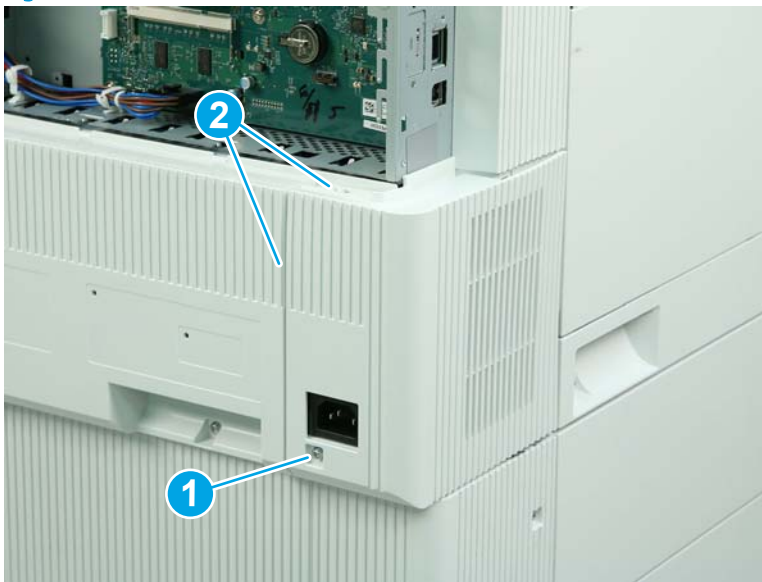
3. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-939 Remove the formatter cover



4. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-940 Remove one screw and release two tabs



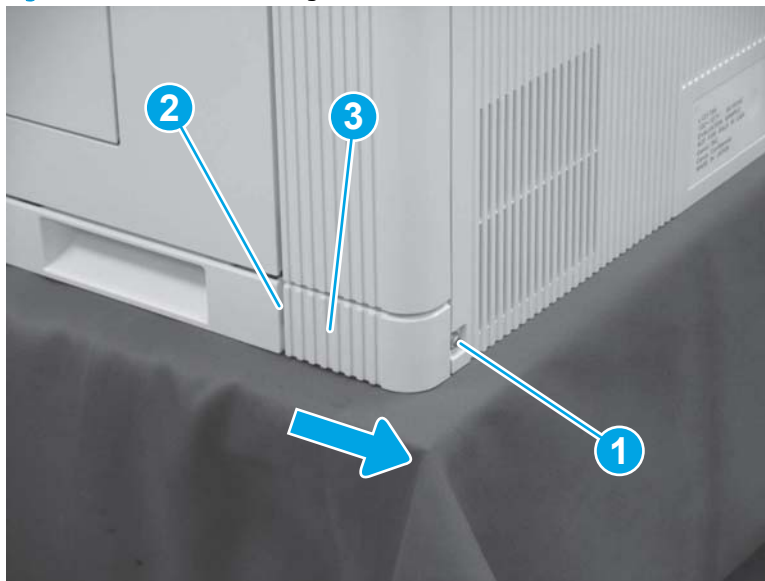
- b. Rotate the cover away from the printer to remove it.

**Figure 1-941** Remove the left lower cover



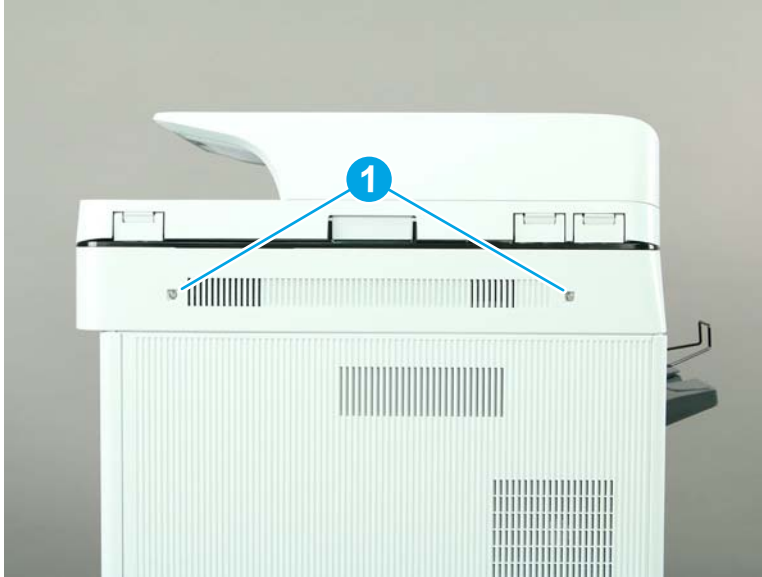
5. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-942** Remove the right rear lower cover



6. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-943 Remove two screws



- b. Remove the SCB cover.

Figure 1-944 Remove the SCB cover

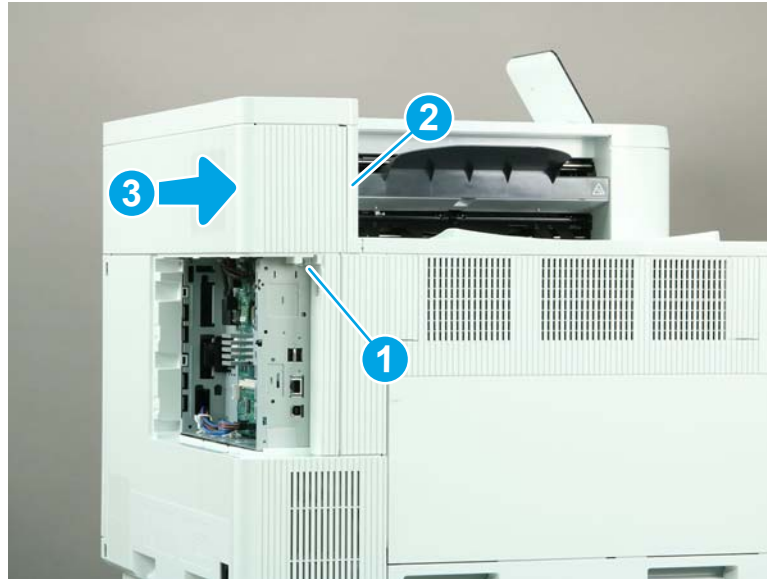


7. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

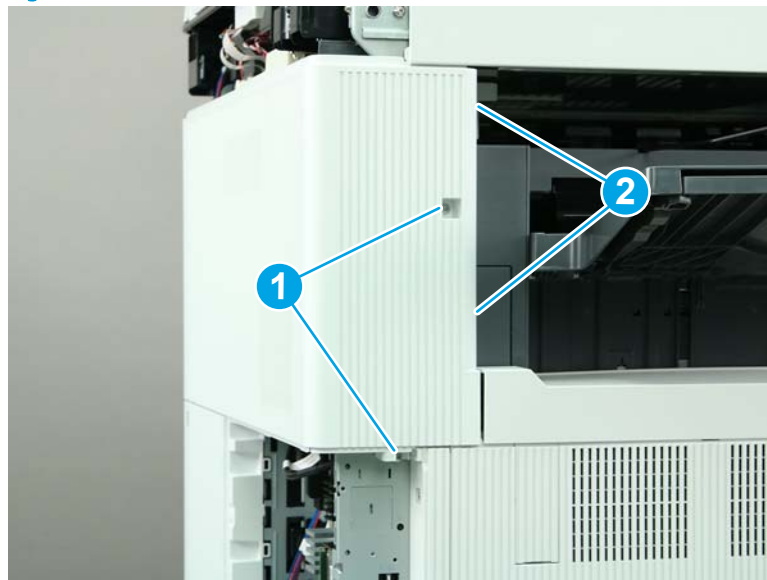
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-945 Remove the rear upper cover



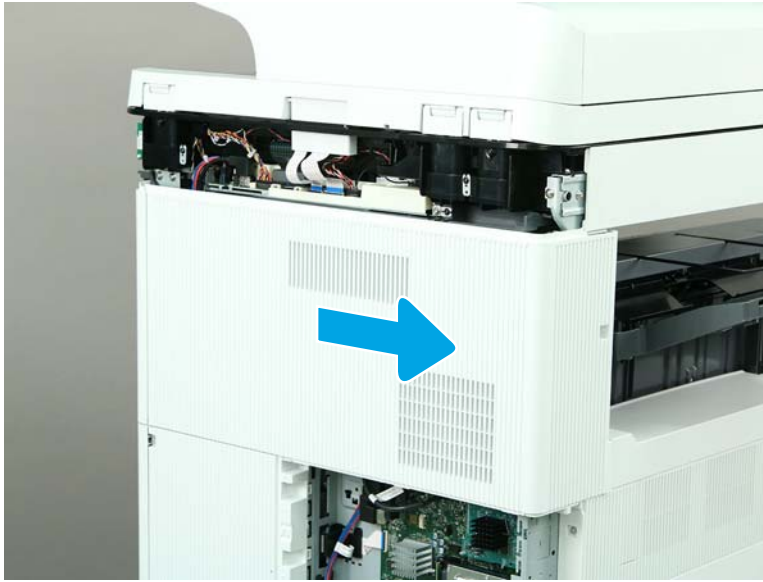
8. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-946 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

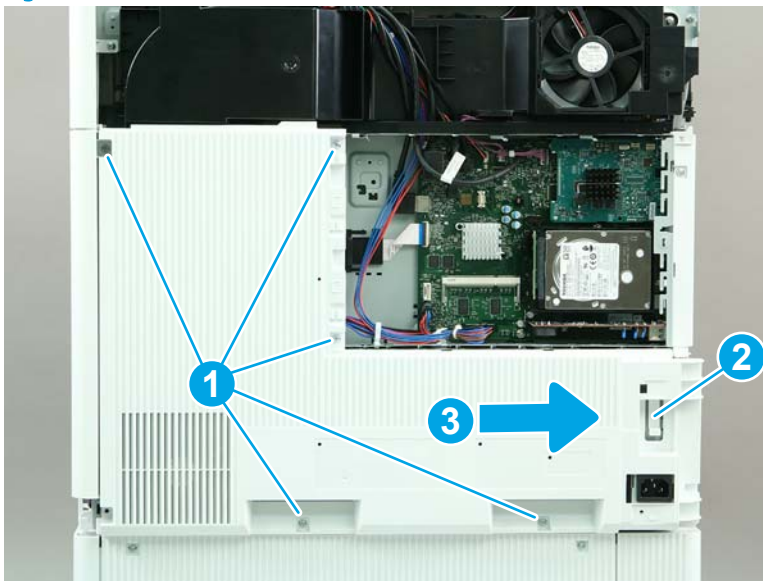
**Figure 1-947** Remove the rear upper and left rear upper cover



9. Remove the rear cover (M856/E85055/M776).

- a. Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

**Figure 1-948** Remove the rear cover (M856/E85055/M776)



10. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).



Figure 1-949 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-950 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-951 Slide the control panel back



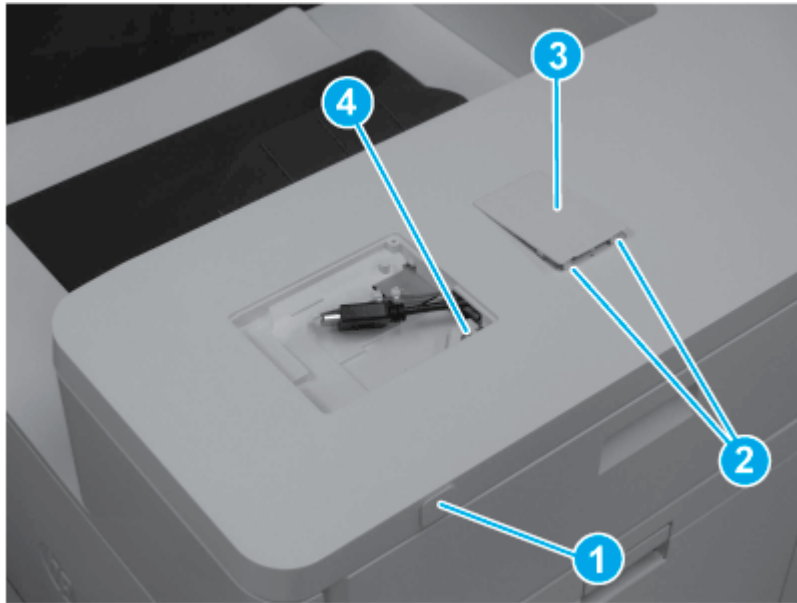
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-952 Disconnect two connectors



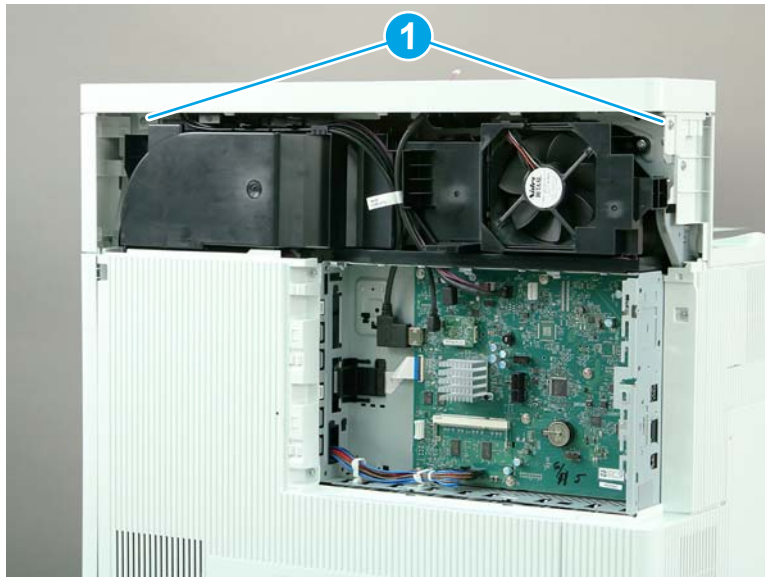
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-953 Remove covers and one screw



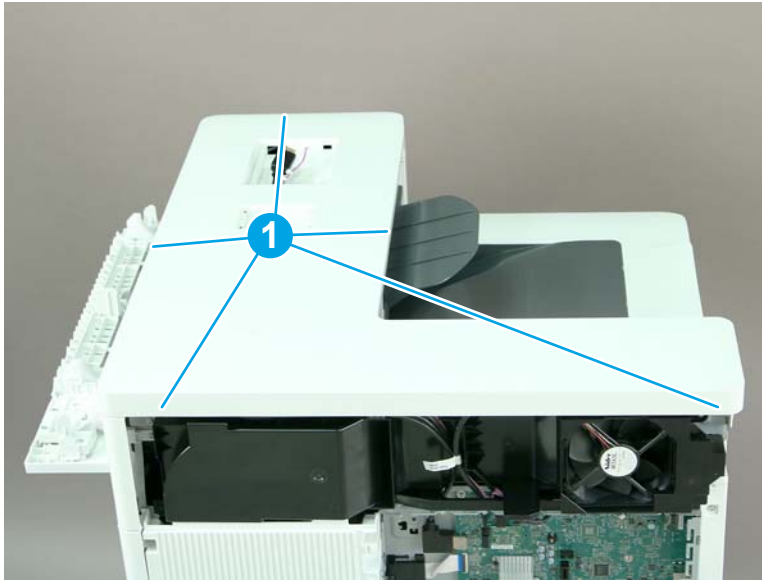
- f. Remove two screws (callout 1).

Figure 1-954 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

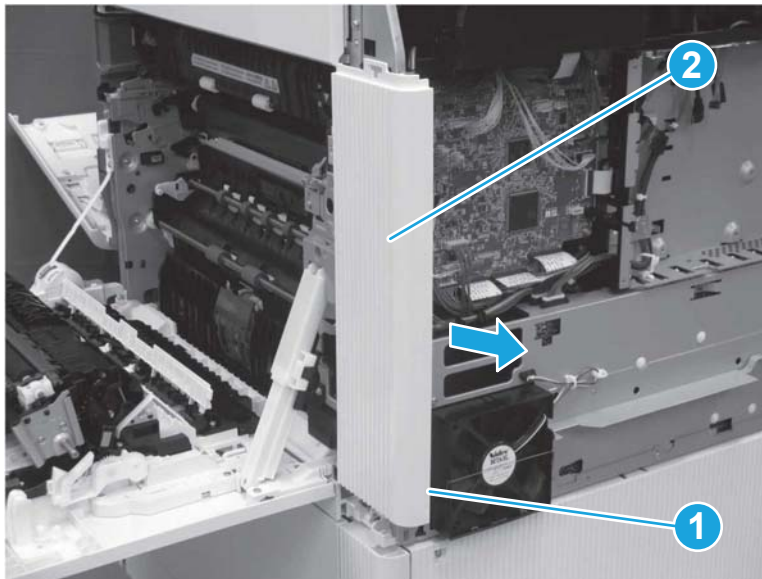
Figure 1-955 Release five tabs



11. Remove the right rear cover (M856/E85055/M776).

- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

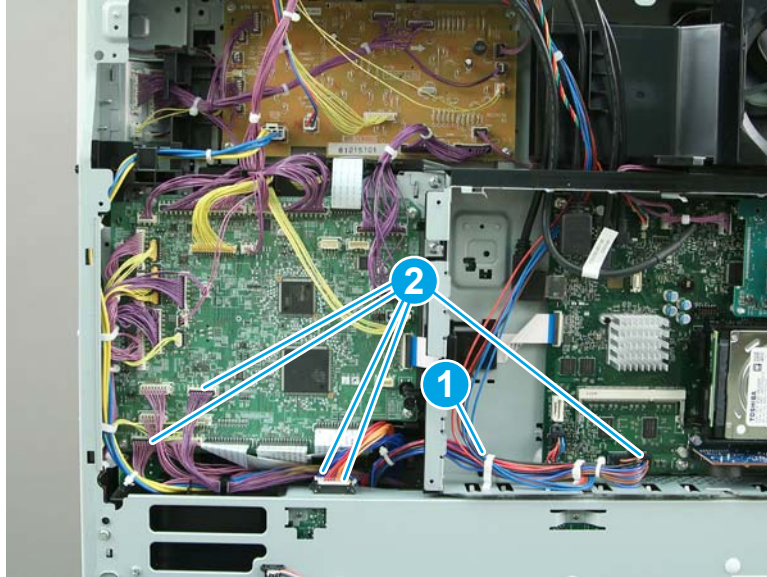
Figure 1-956 Remove right rear cover



12. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).

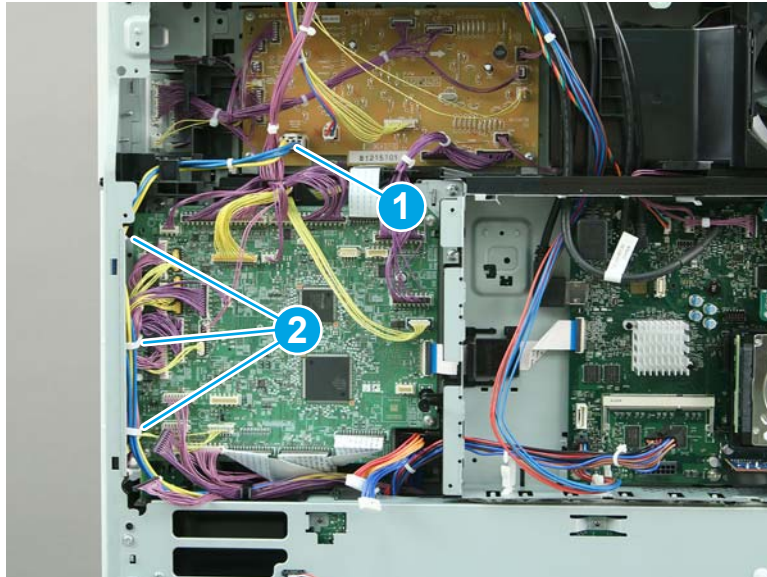
- a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-957 Release the retainer and disconnect five connectors



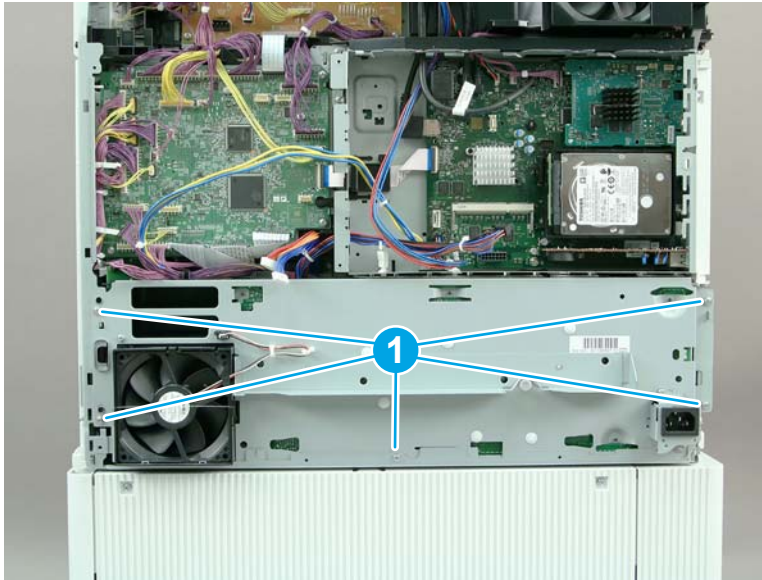
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-958 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-959 Remove five screws



- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

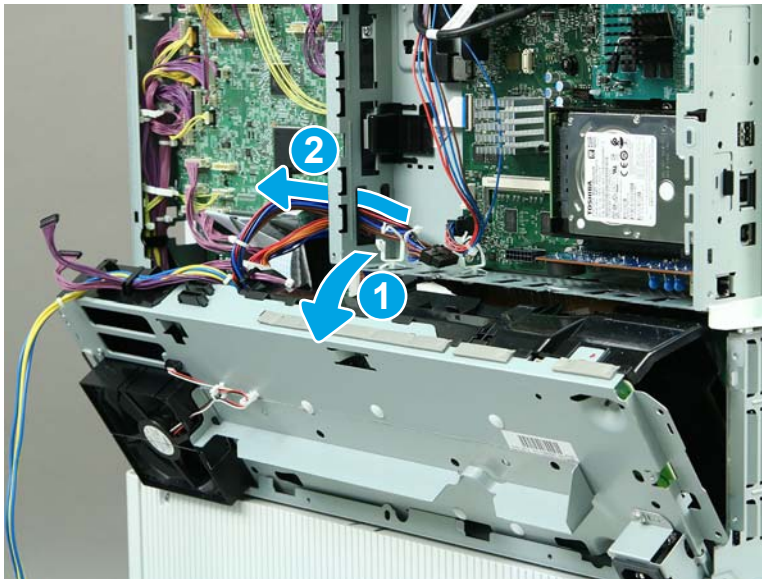
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 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

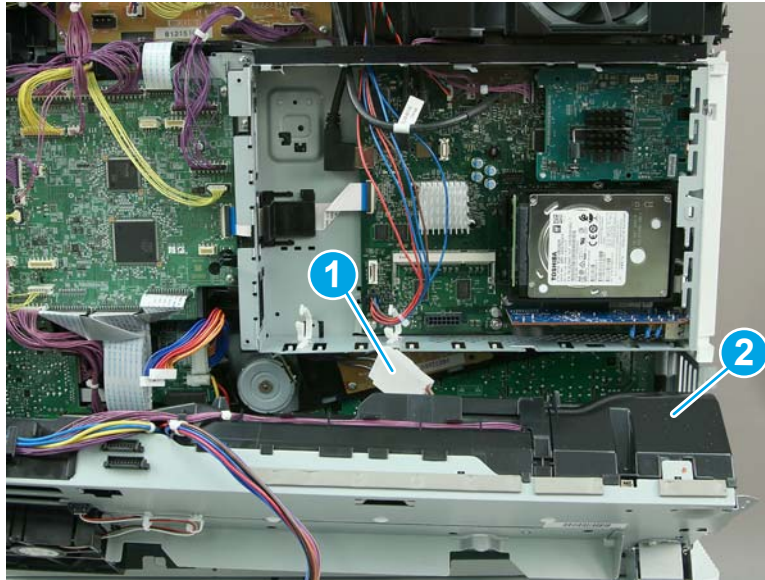
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Figure 1-960 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).


**Figure 1-961** Remove the LVPS



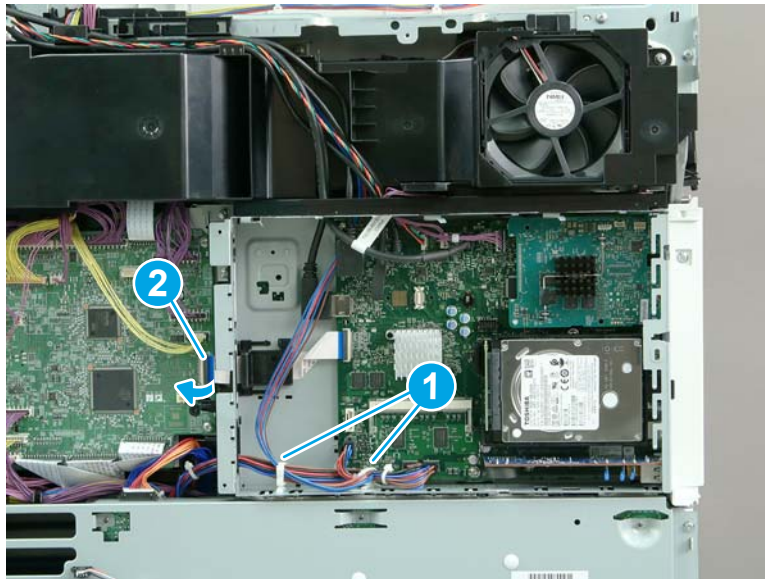
- 13. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

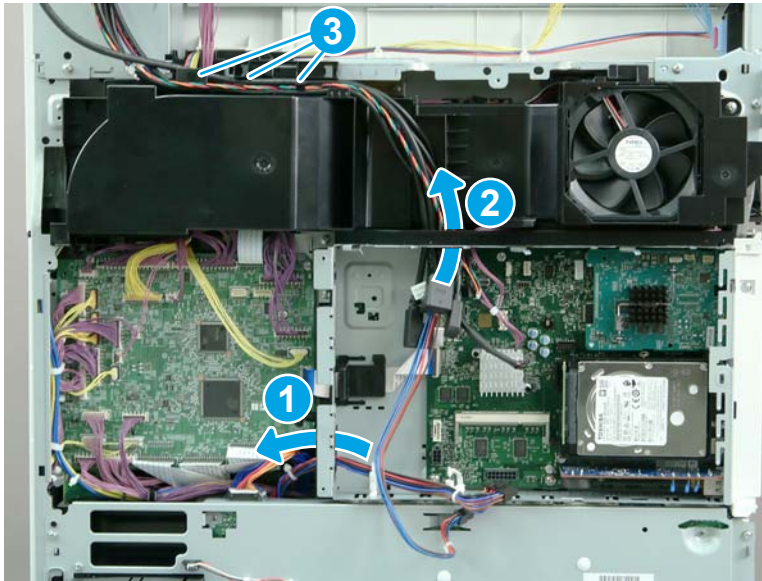
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

**Figure 1-962** Disconnect the connectors



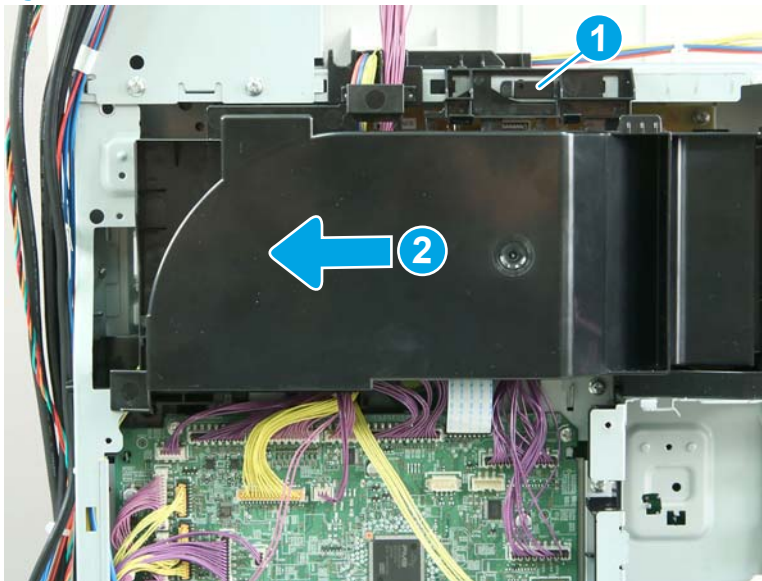
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-963 Release the cables



- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

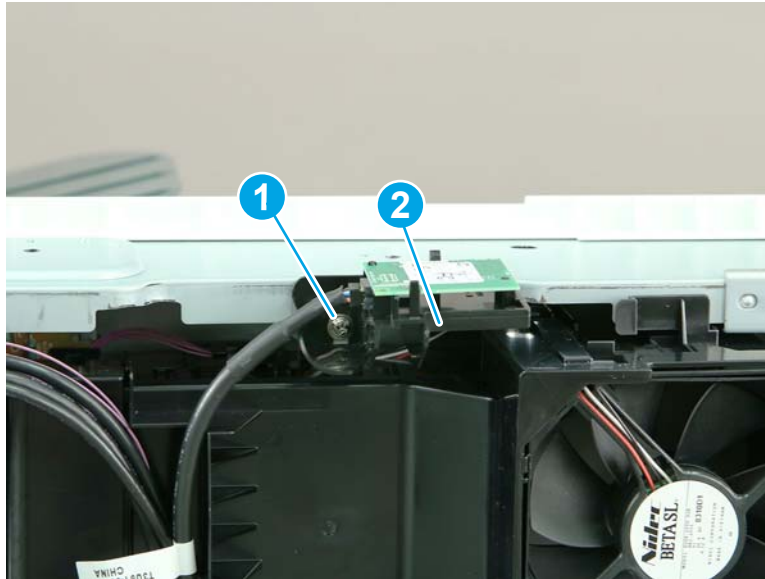
Figure 1-964 Remove the fan duct





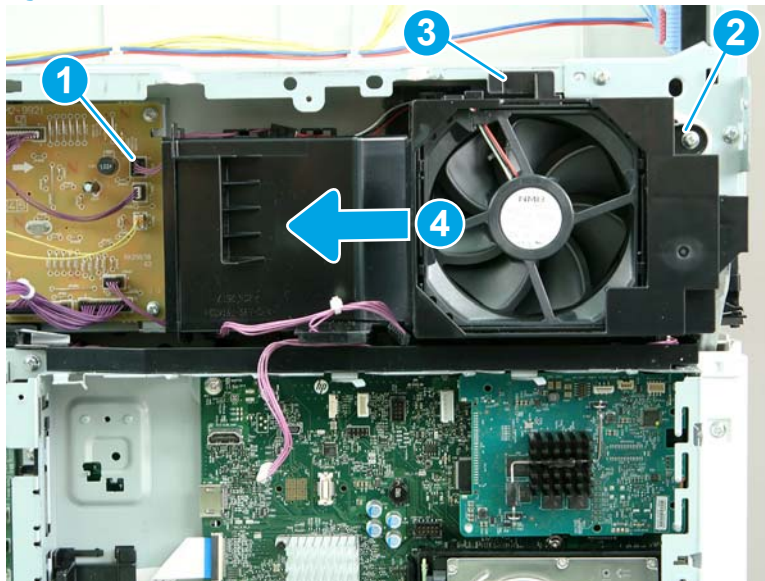
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-965 Remove the wireless card and bracket



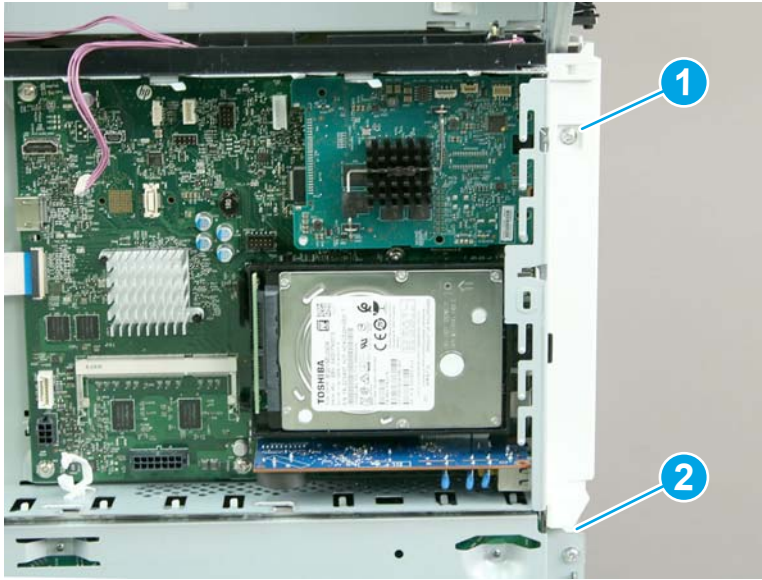
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-966 Remove the fan assembly



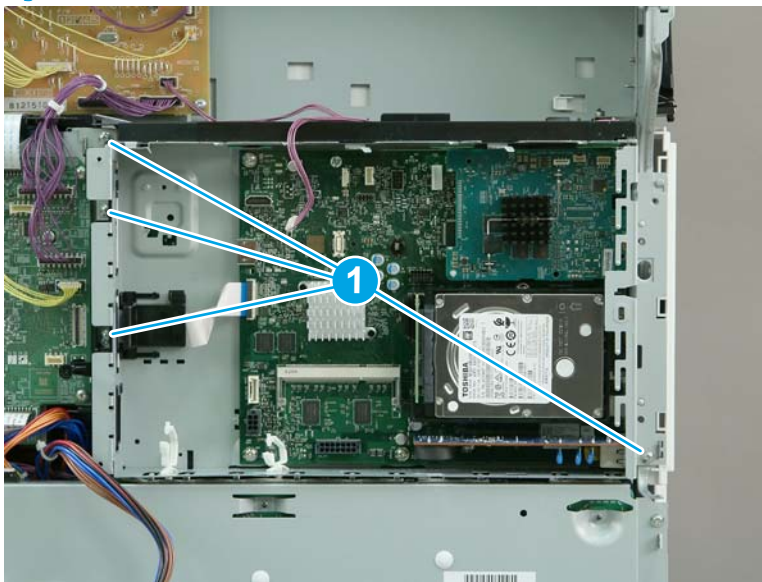
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-967 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-968 Remove four screws



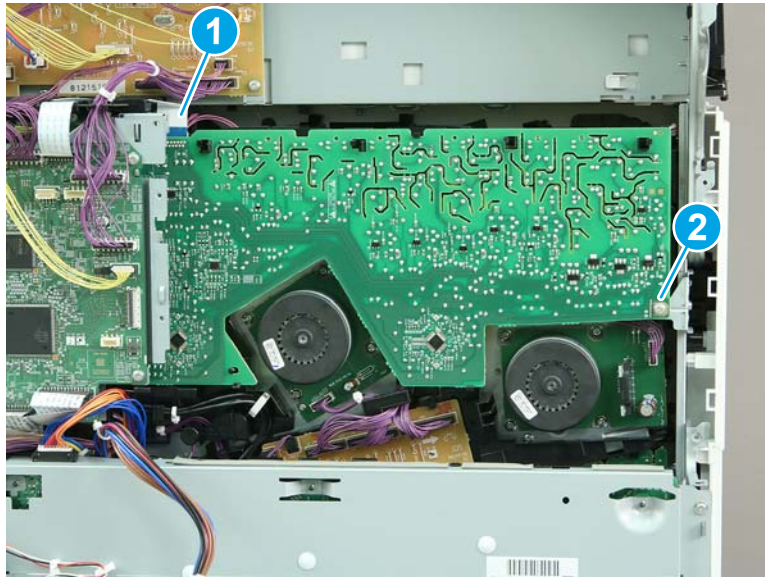
- h. Remove the formatter and case.

Figure 1-969 Remove the formatter and case



- 14. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-970 Disconnect one connector and remove one screw



- b. Release six tabs (callout 1), and then remove the upper HVPS.

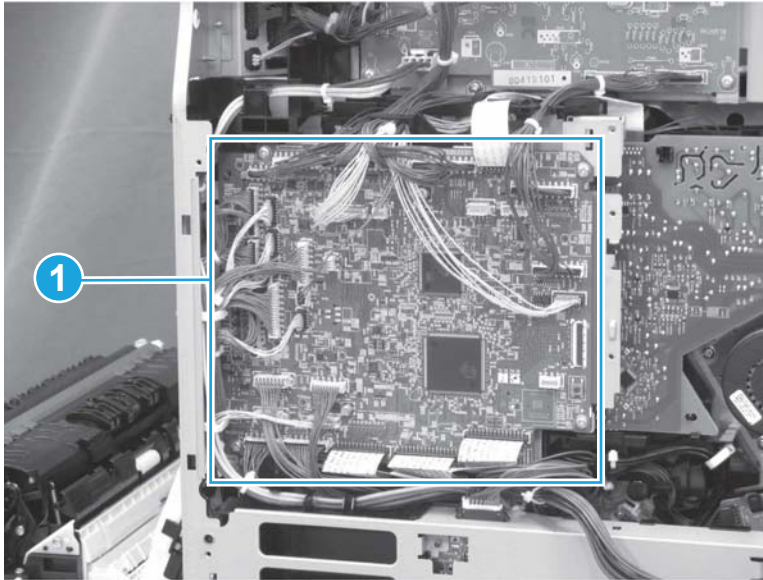
Figure 1-971 Release six tabs



- 15. Remove the DC controller and case (M856/E85055/M776).

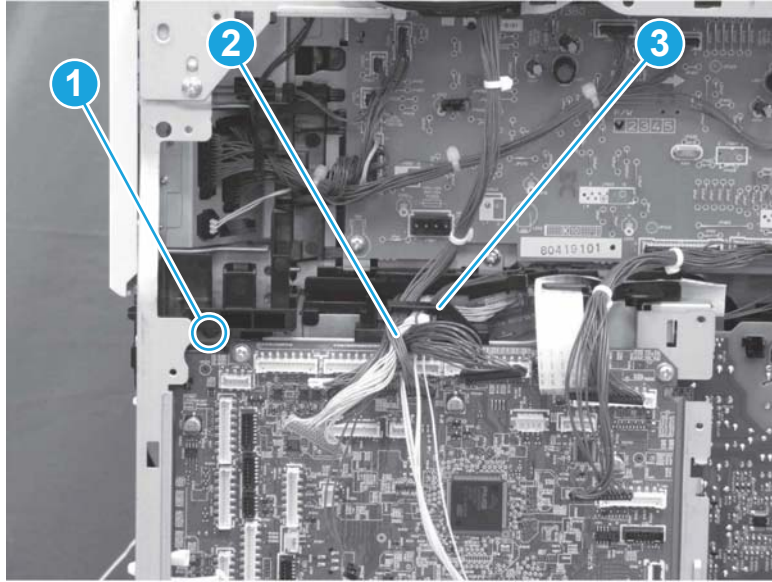
- a. Disconnect all of the connectors on the DC controller.

Figure 1-972 Disconnect the connectors



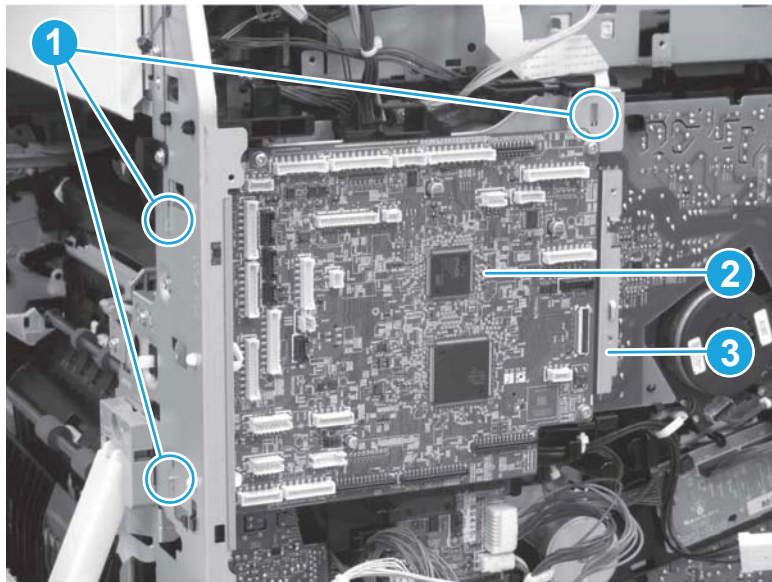
- b. Remove one screw (callout 1), and then release the cables (callout 2) from the cable guide (callout 3).

**Figure 1-973** Remove one screw and release the cables



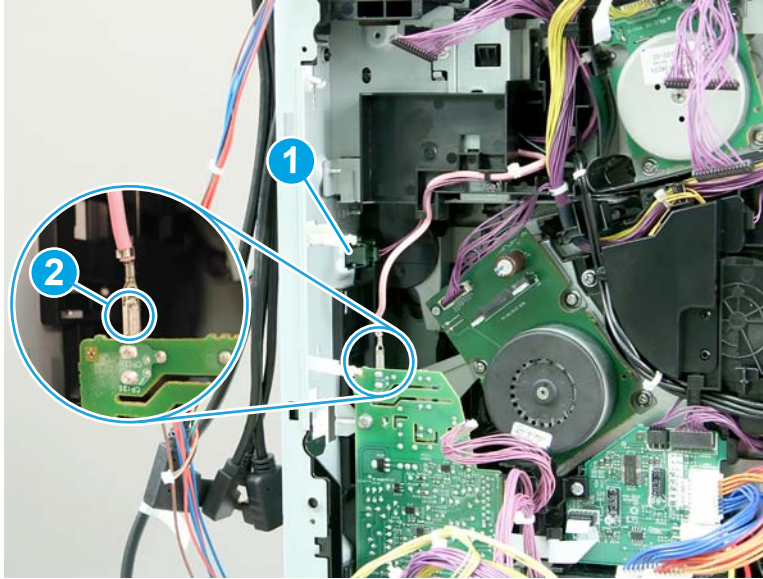
- c. Remove one screw (callout 1), and then remove the DC controller (callout 2) together with the metal case (callout 3).

**Figure 1-974** Remove the DC controller and case



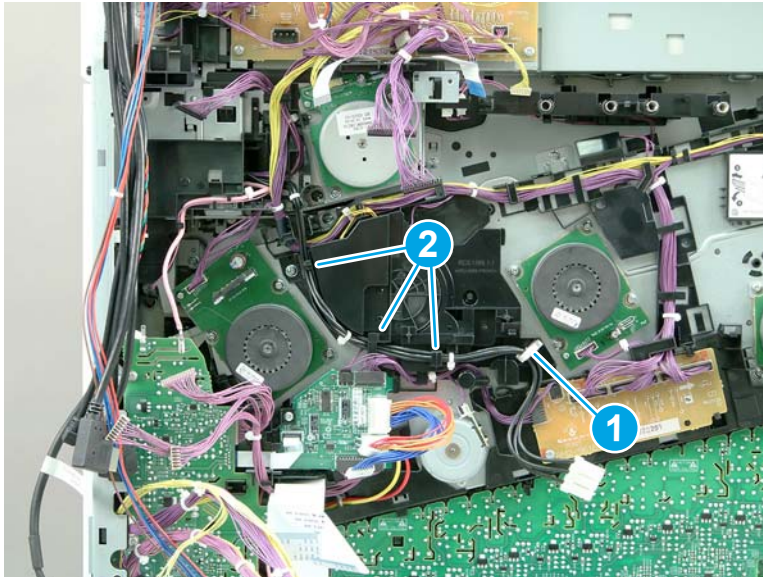
- 16. Remove the fuser drive assembly (M856/E85055/M776).
  - a. Disconnect one connector (callout 1). Press and hold the small release tab on one connector (callout 2), and then slide the connector away from the board to disconnect it.

Figure 1-975 Disconnect two connectors



- b. Release one retainer (callout 1), and then release the cable from the guides (callout 2).

Figure 1-976 Release the cable



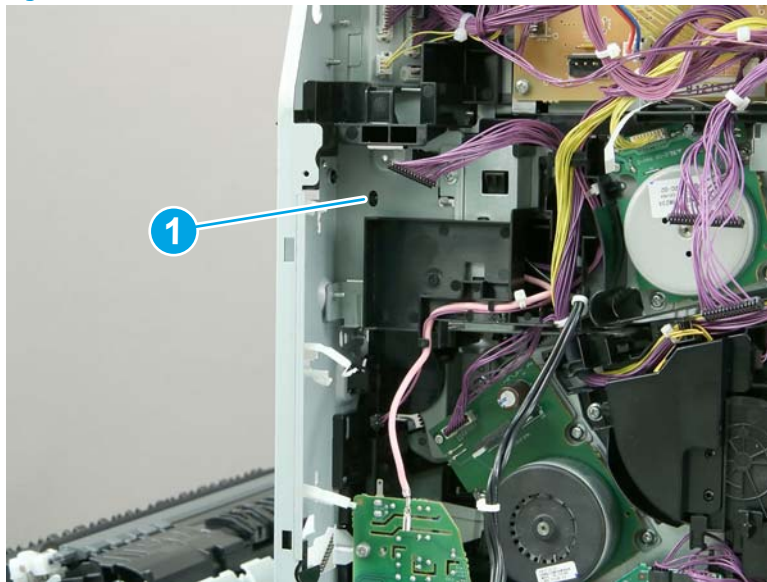
- c. Open the right door, and then remove one screw (callout 1).

Figure 1-977 Remove one screw



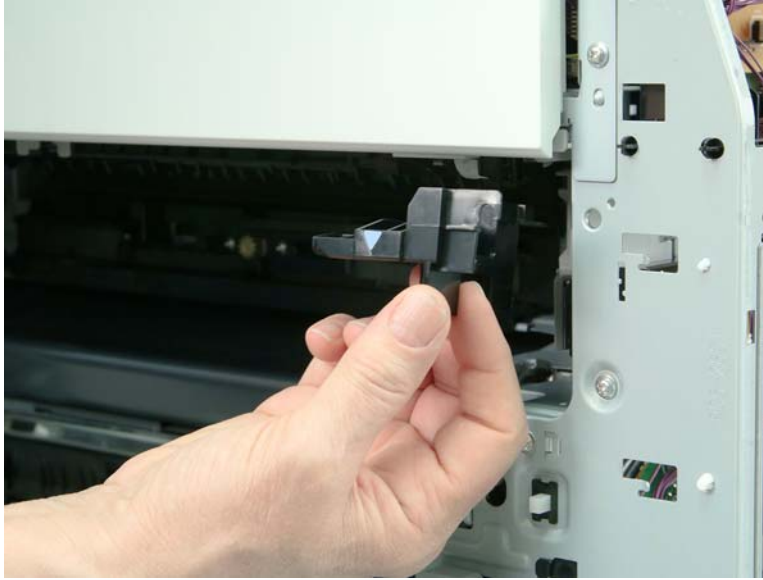
- d. Release one tab (callout 1).

Figure 1-978 Release one tab



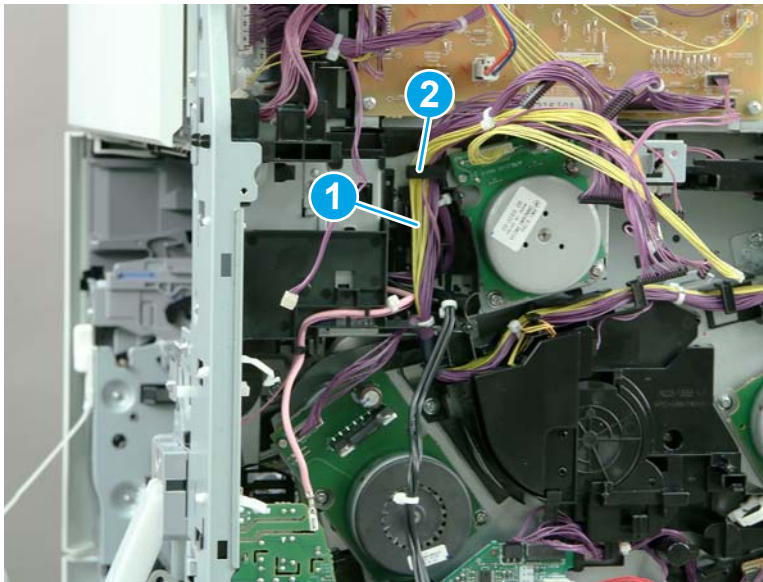
- e. Remove the guide (callout 1).

Figure 1-979 Remove the guide



- f. Release the cables (callout 1) from the guide.

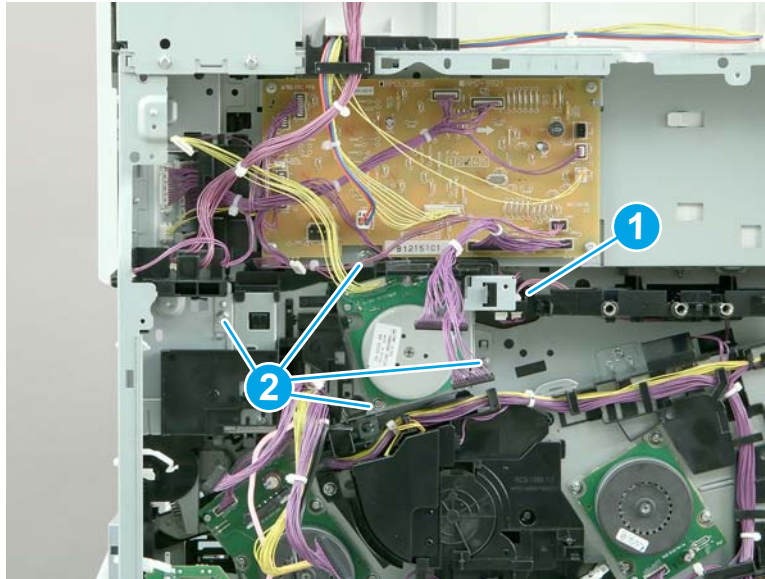
Figure 1-980 Release the cables





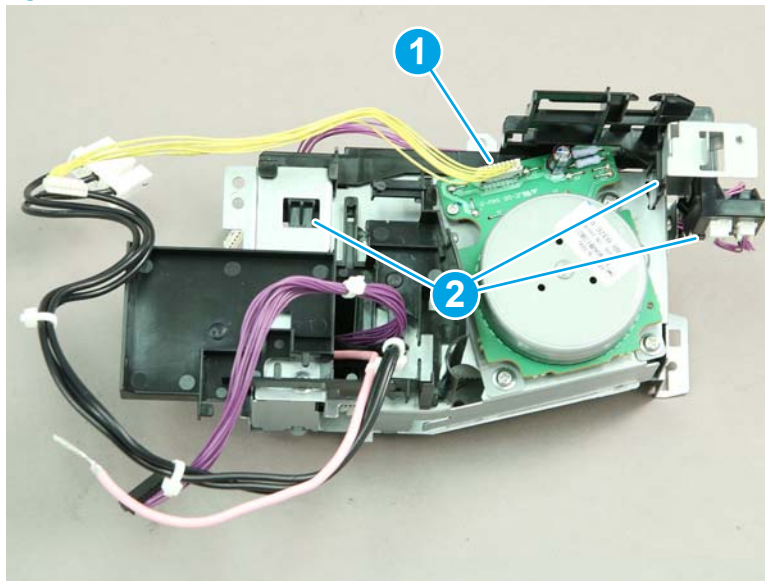
- g.** Disconnect one connector (callout 1), and then remove four screws (callout 2). Remove the fuser drive assembly and the guide.

**Figure 1-981** Remove the fuser drive assembly




- h.** Disconnect one connector (callout 1), and then release four tabs (callout 2) to remove the guide from the fuser drive assembly.

**Figure 1-982** Remove the guide



- 17.** Unpack the replacement assembly.
  - a.** Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Cartridge guide (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the cartridge guide.


Mean time to repair: 2 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-62 Part information

Part number	Part description
RL2-2091-000CN	Guide, cartridge

---

### Required tools

- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

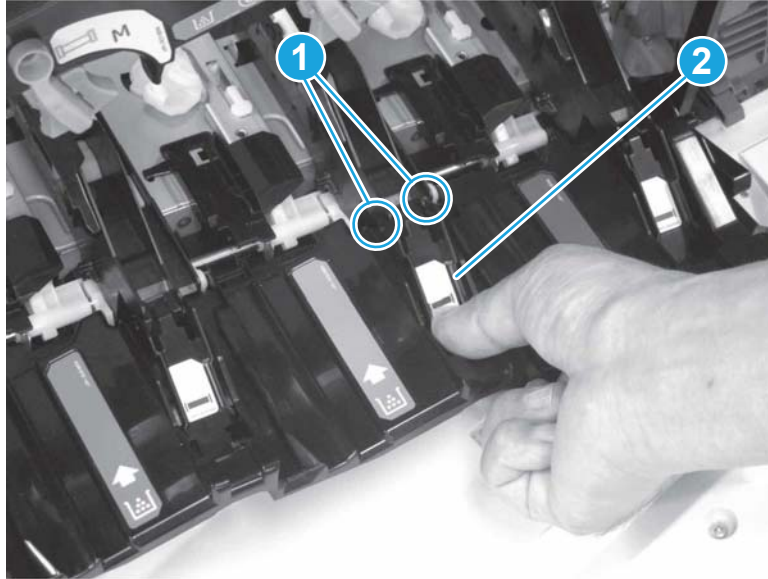
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the cartridge guide (M751/E75245/M856/E85055/M776).

- ▲ Open the front door. Release two bosses (callout 1), and then remove the cartridge guide (callout 2).

**Figure 1-983** Remove the cartridge guide



2. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Cartridge rail assembly (M751/E75245)

Learn how to remove and replace the cartridge rail assembly.

Mean time to repair: 30 minutes

Service level: Hard

#### Before performing service

Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-63** Part information

Part number	Part description
RM2-1354-000CN	First cartridge rail assembly (Yellow; M751/E75245)
RM2-1353-000CN	Second cartridge rail assembly (Magenta; M751/E75245)
RM2-1355-000CN	Third cartridge rail assembly (Cyan; M751/E75245)
RM2-1356-000CN	Black cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

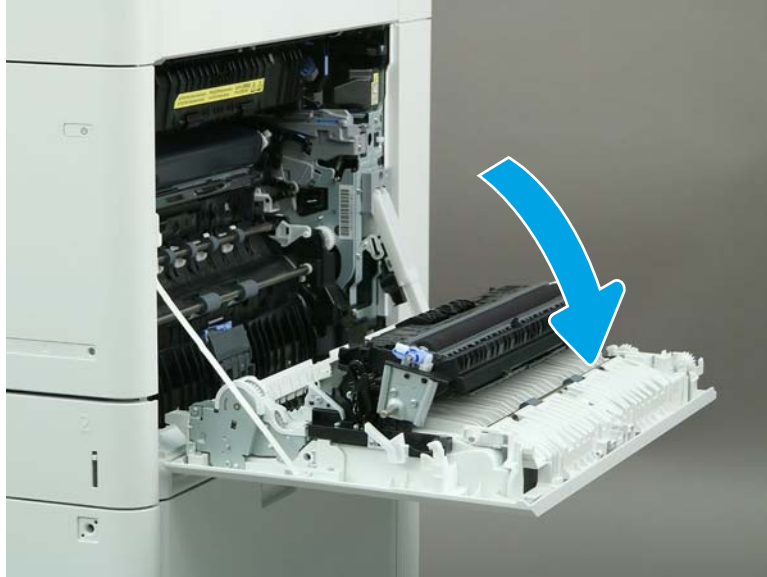
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

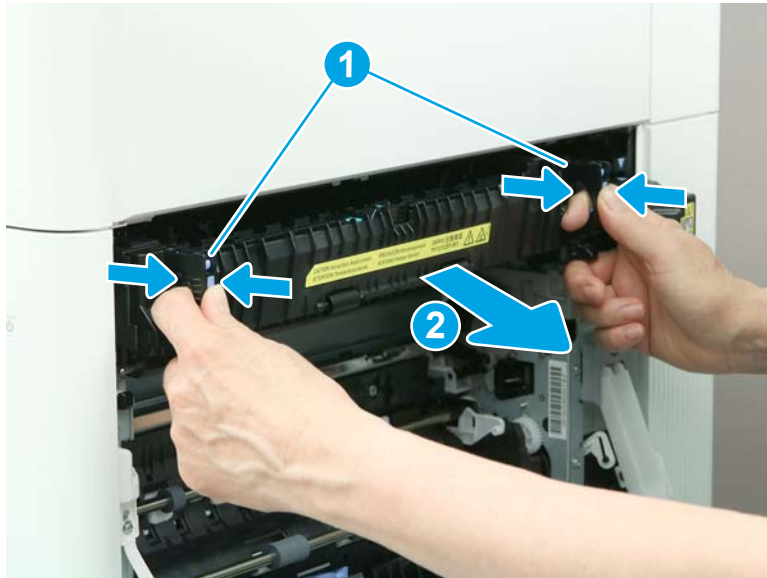
1. Remove the fuser.
  - a. Open the right door.

Figure 1-984 Open the right door



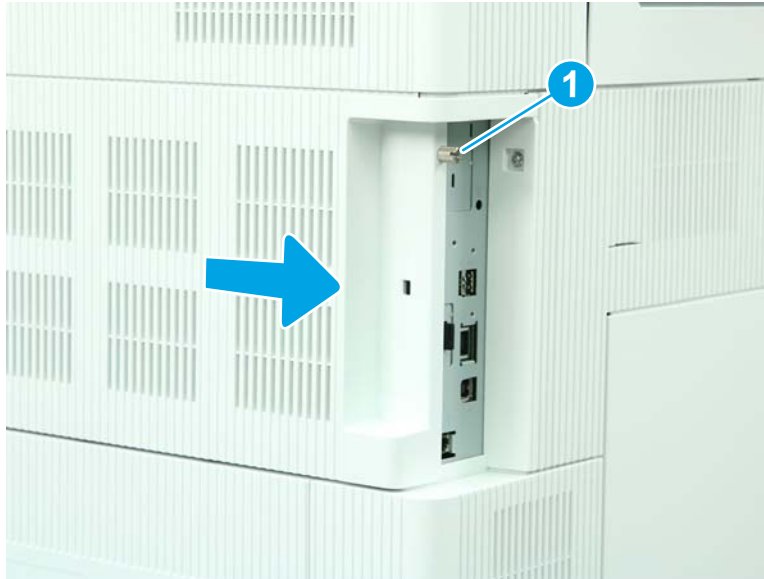
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

Figure 1-985 Remove the fuser



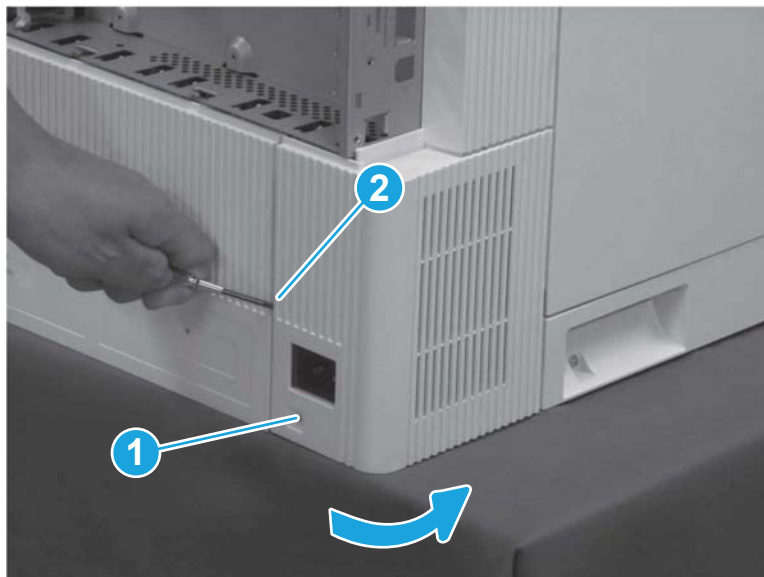
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-986 Remove the formatter cover



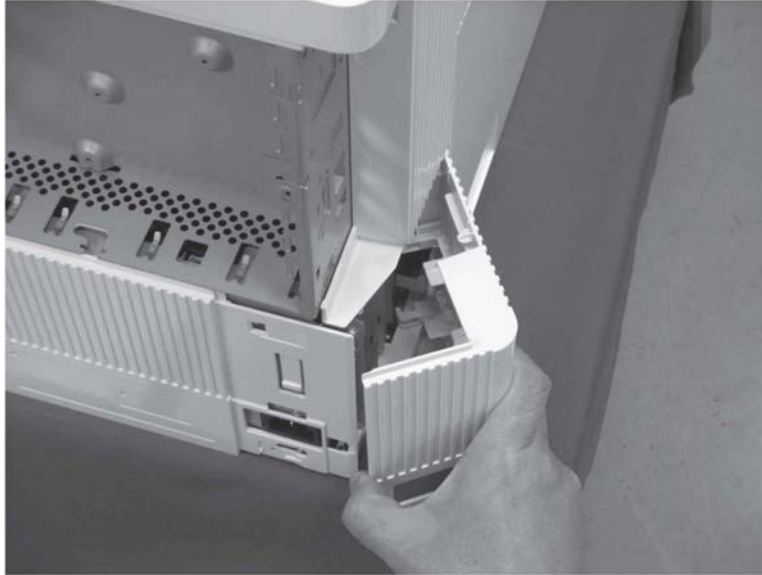
3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-987 Remove one screw and release one tab



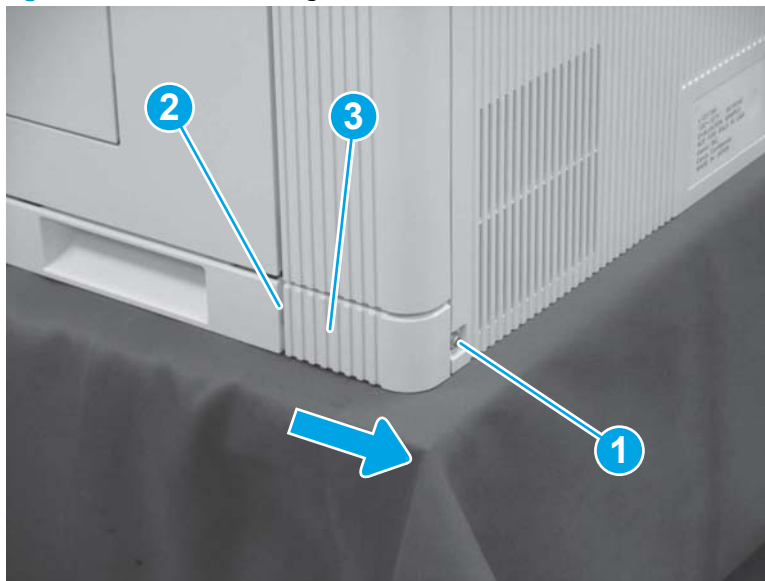
- b. Remove the left lower cover.

Figure 1-988 Remove the left lower cover



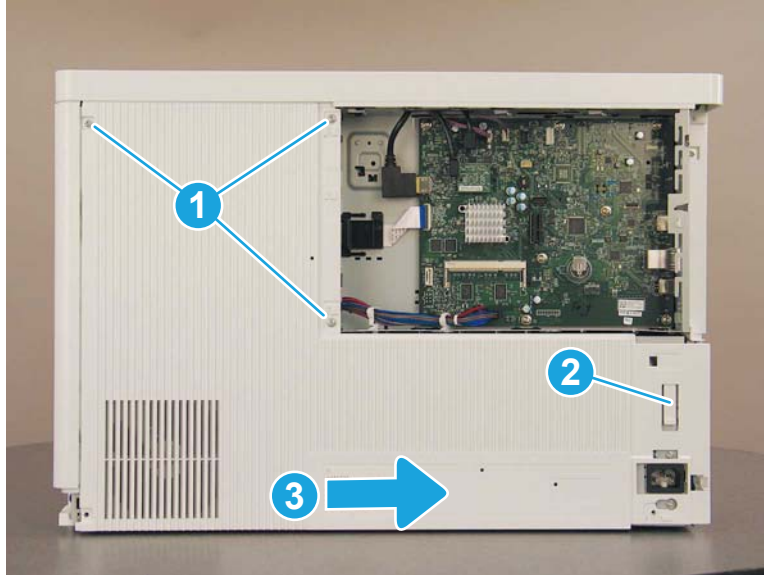
4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-989 Remove the right rear lower cover




5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-990 Remove the rear cover

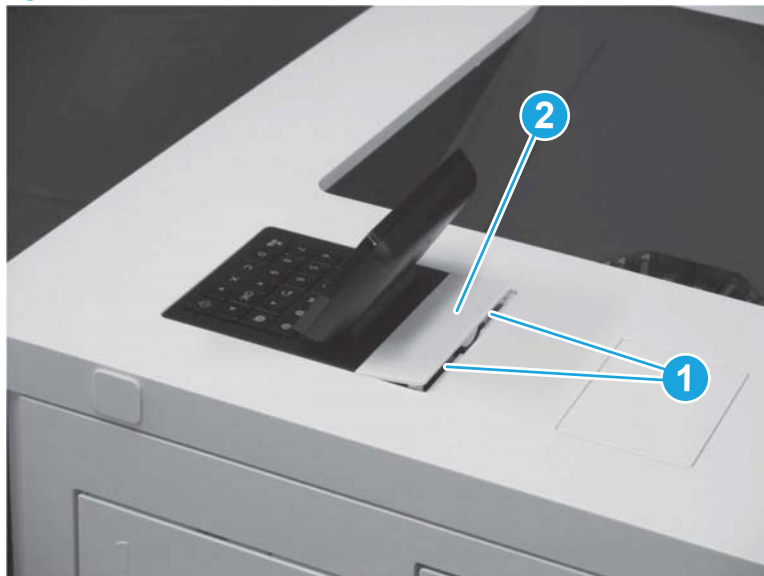


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-991 Remove the control panel cover





- b. Remove one screw (callout 1).

Figure 1-992 Remove one screw



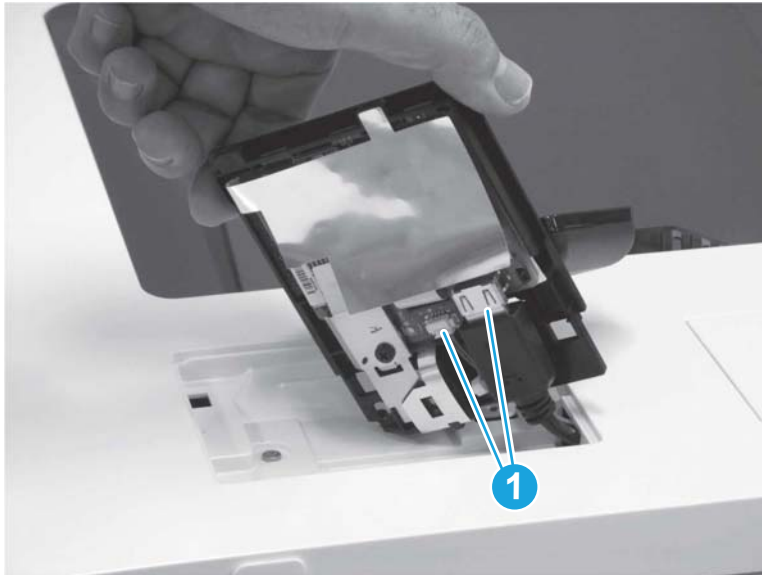
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-993 Slide the control panel back



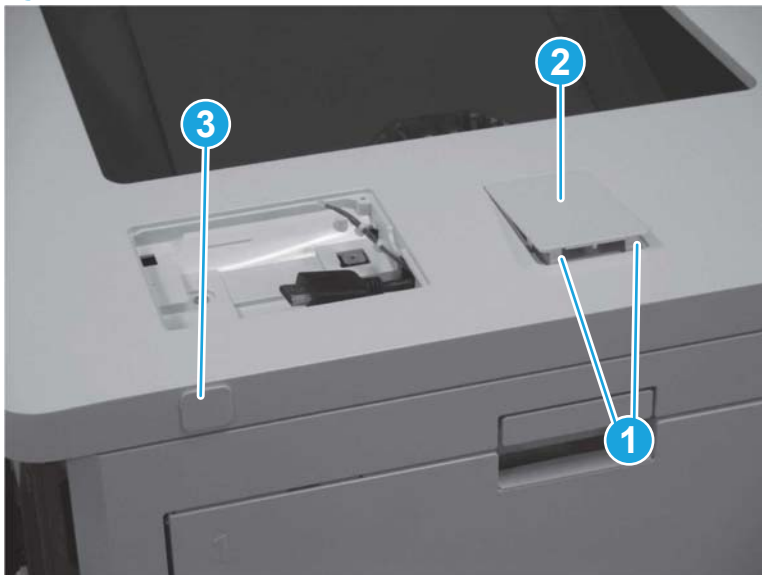
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-994 Disconnect two connectors



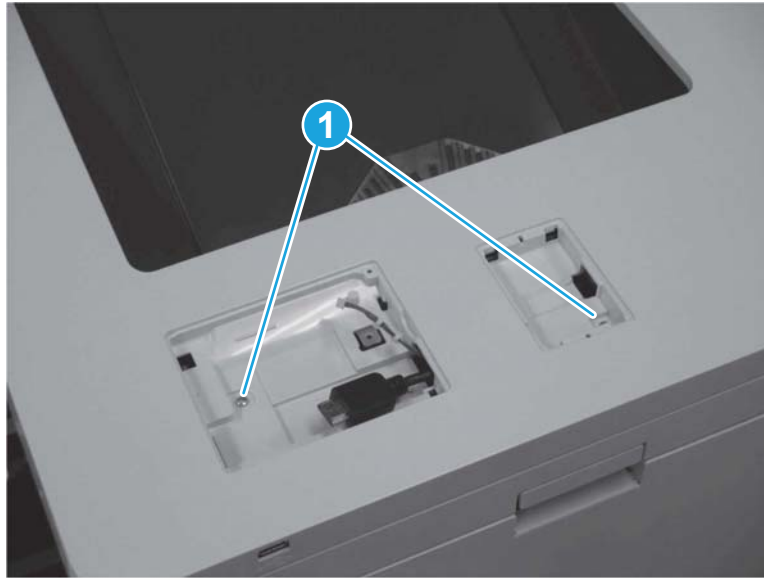
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-995 Remove the HIP cover and USB cap



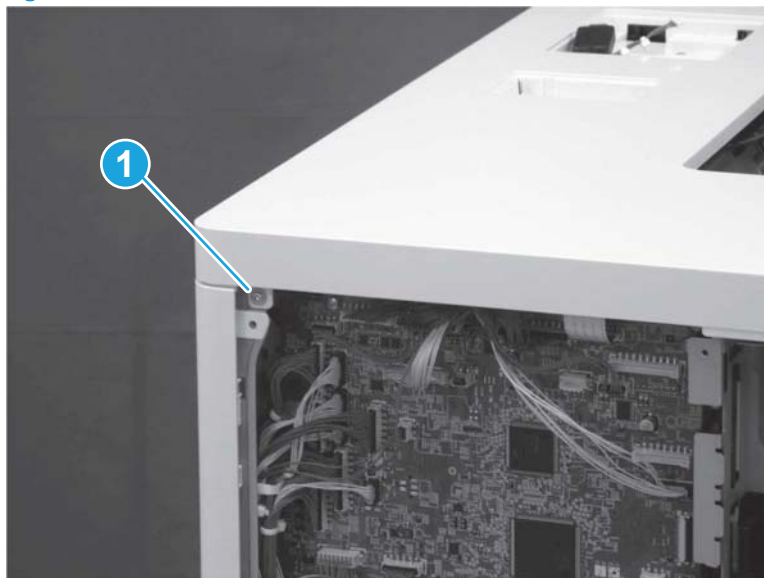
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-996 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-997 Remove one screw

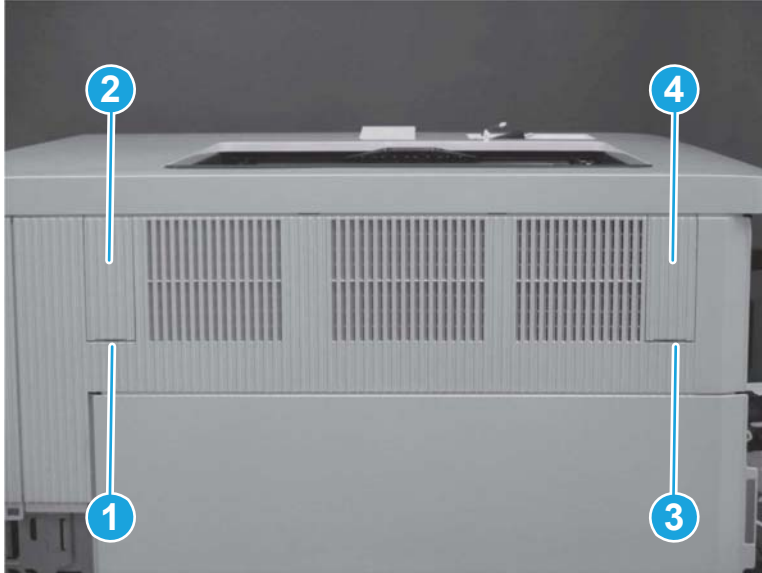


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

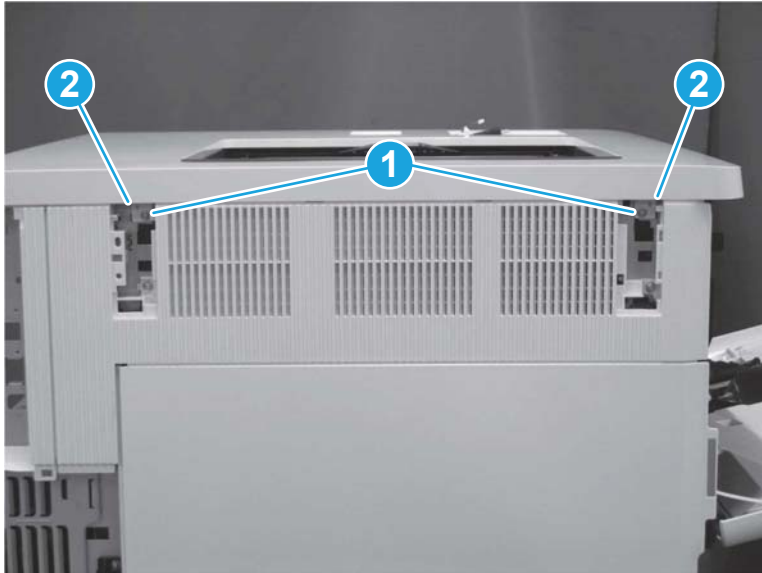
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-998** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

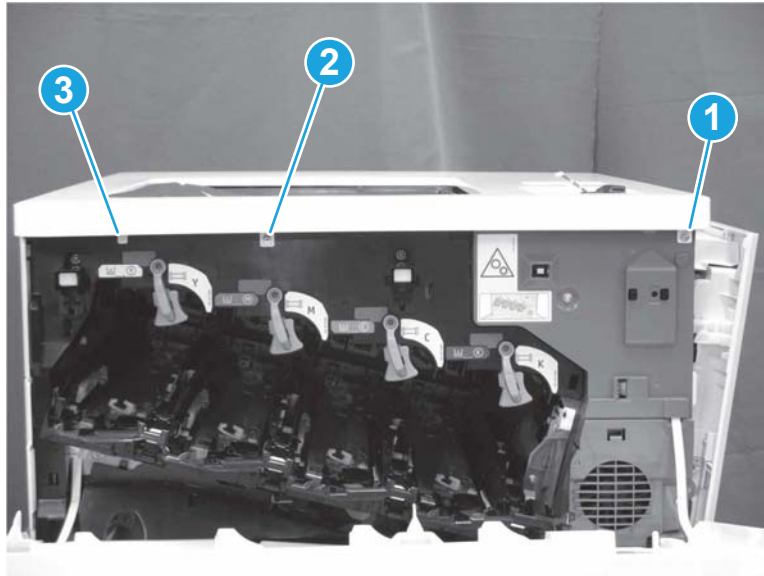
**Figure 1-999** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

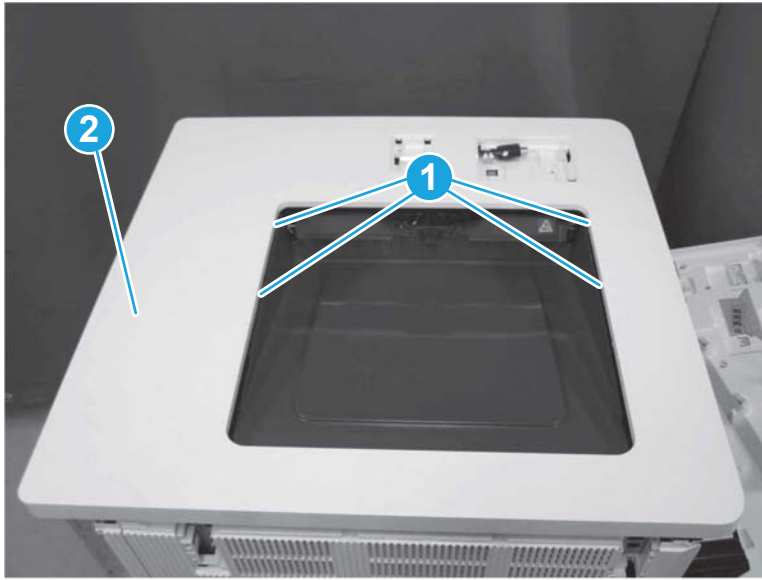
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

**Figure 1-1000** Remove two screws and release one tab

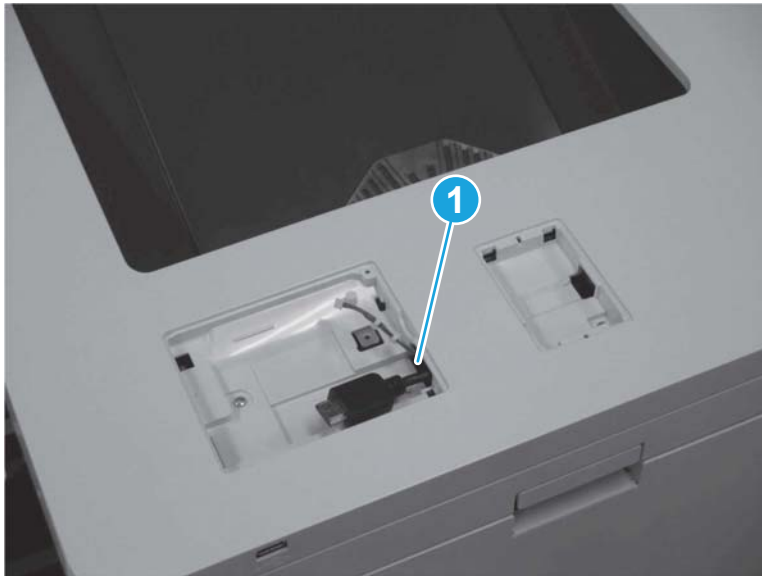


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-1001 Remove the top cover

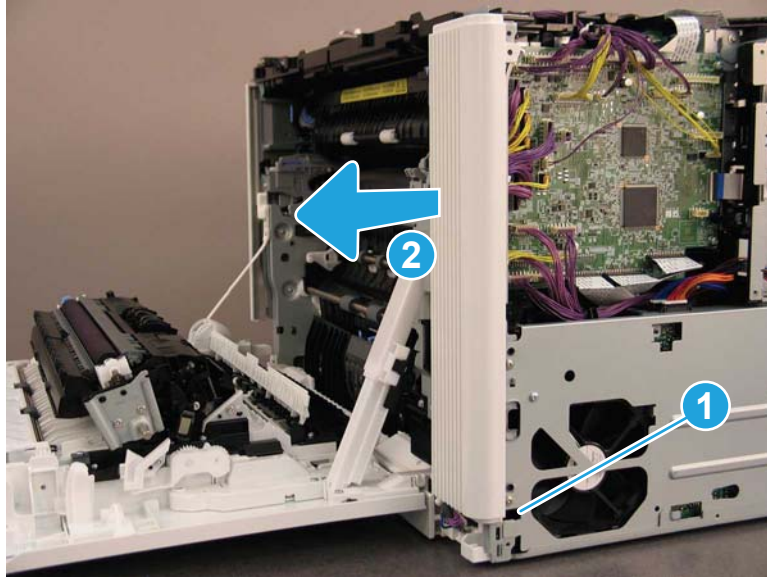


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the right rear cover (M751/E75245).
- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

Figure 1-1002 Remove the right rear cover



9. Remove the output bin (M751/E75245).

- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).


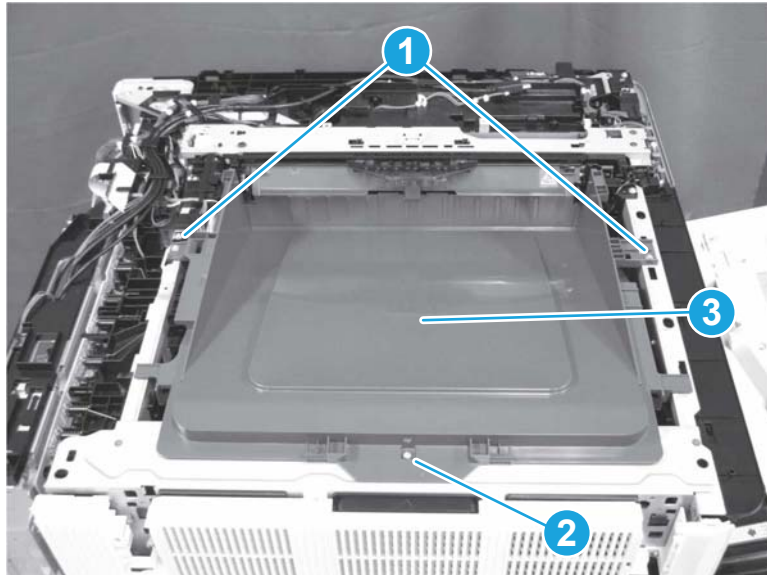
 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

Figure 1-1003 Remove the output bin

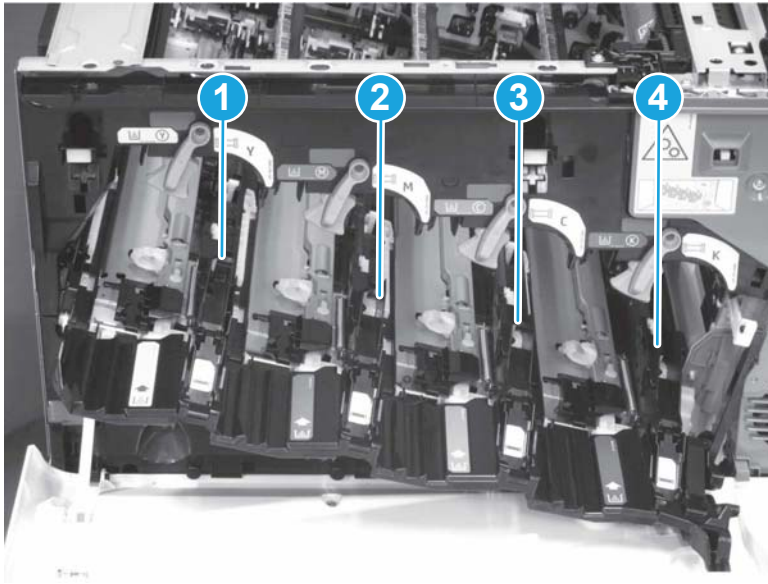


10. Remove the cartridge rail assembly (M751/E75245/M856/E85055/M776).

- a. This procedure provides instructions for removing the cyan cartridge rail assembly (callout 3). However, the procedure is also correct for removing any of the four cartridge rail assemblies in the printer.

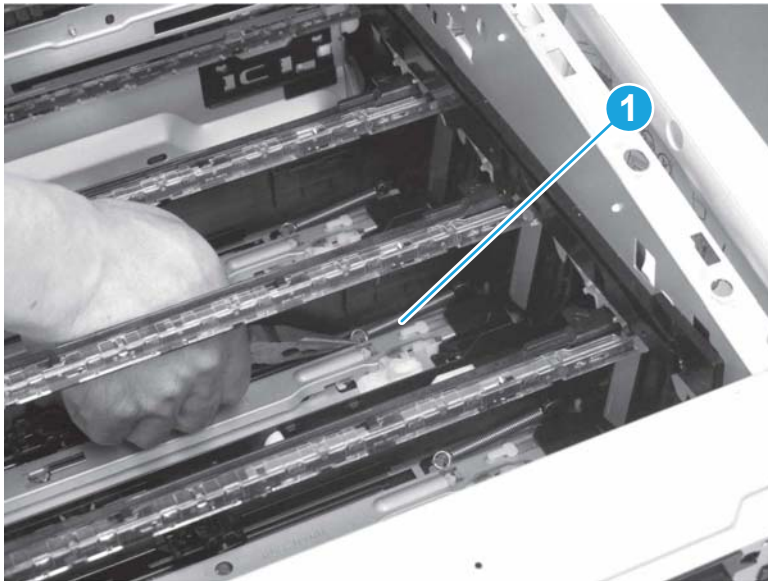
- Yellow cartridge rail assembly (callout 1)
- Magenta cartridge rail assembly (callout 2)
- Cyan cartridge rail assembly (callout 3)
- Black cartridge rail assembly (callout 4)

Figure 1-1004 Cartridge rail assembly locations



- b. Close the front door. Use needle-nosed pliers to unhook one spring (callout 1).

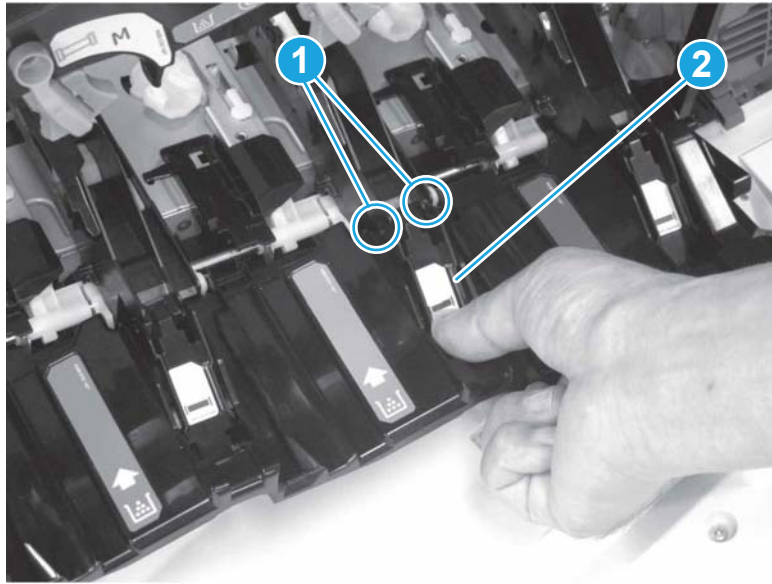
Figure 1-1005 Unhook one spring





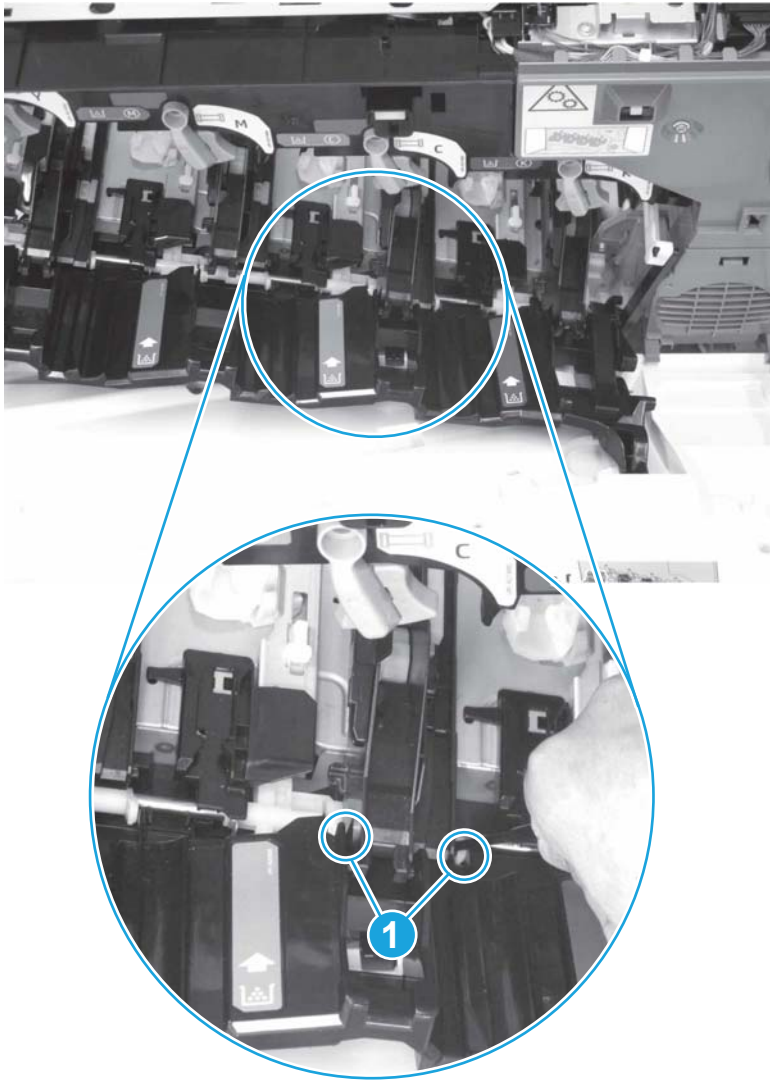
- c. Open the front door. Release two bosses (callout 1), and then remove the link (callout 2).

Figure 1-1006 Remove the link



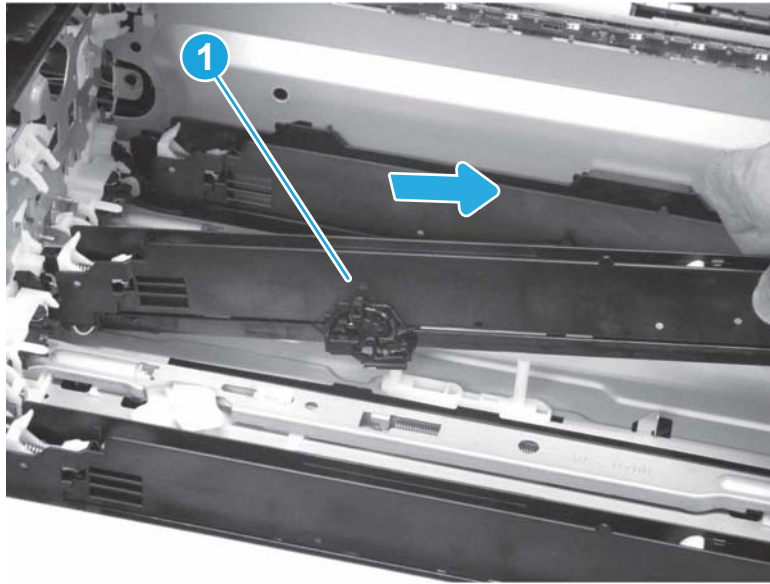
- d. Release two bosses (callout 1).

Figure 1-1007 Release two bosses



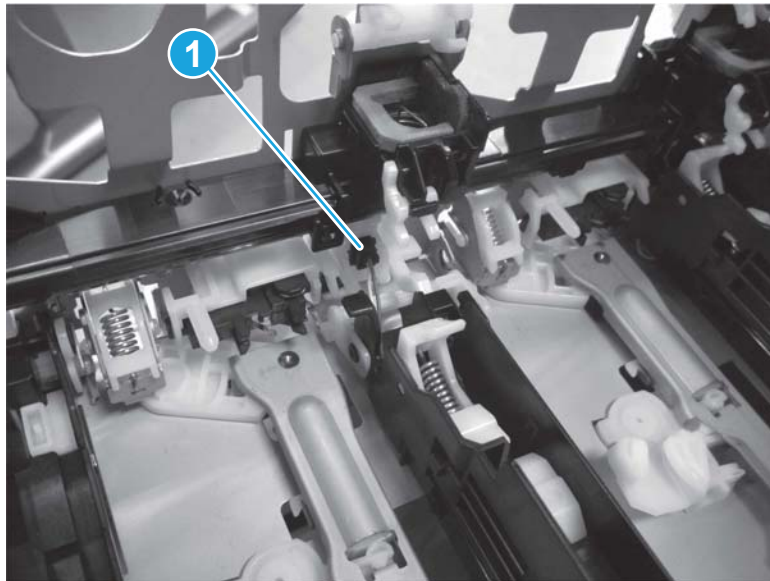
- e. Pull the cartridge rail assembly (callout 1) toward the front of the printer about 2 cm (0.79 in).

**Figure 1-1008** Pull the cartridge rail assembly



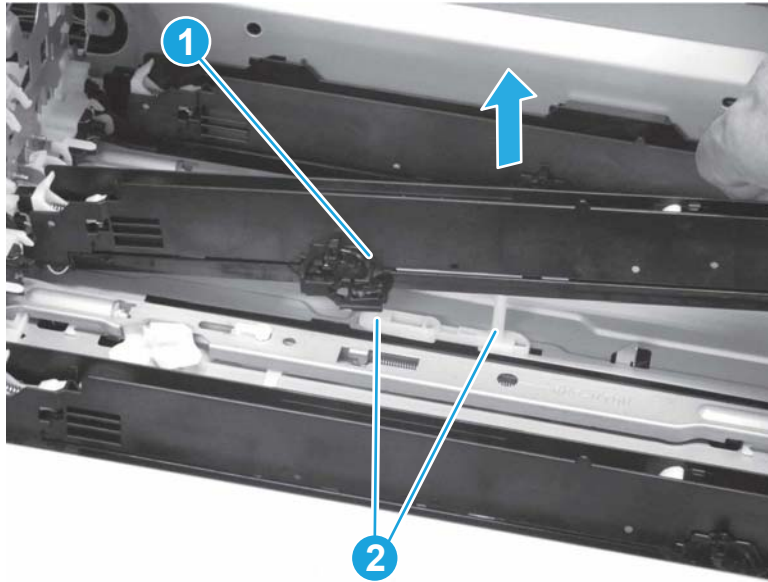
- f. Disconnect one connector (callout 1).

**Figure 1-1009** Disconnect one connector



- g. Lift up to remove the cartridge rail assembly (callout 1) from the tag guide (callout 2).

**Figure 1-1010** Remove the cartridge rail assembly



- 11. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

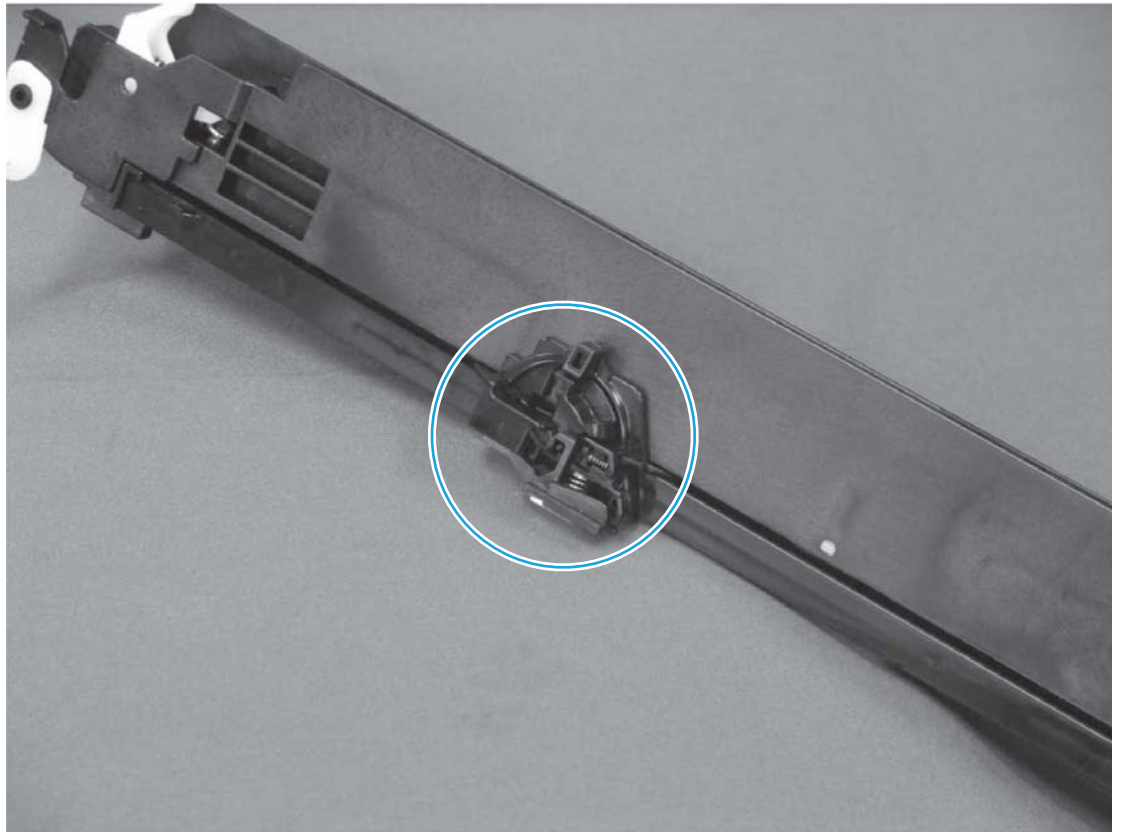
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- 12. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

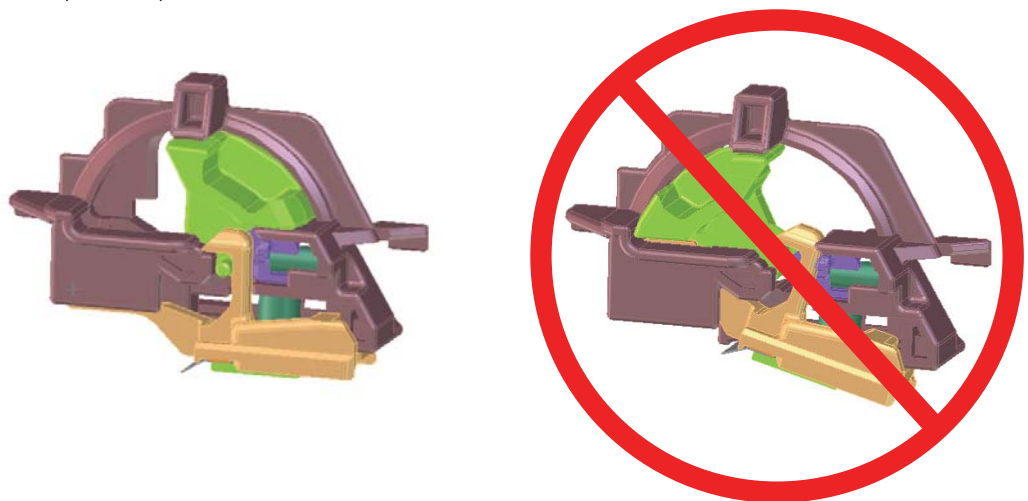
**Install the cartridge rail assembly.**

1. When installing the cartridge rail assembly, make sure that the lever of the PCG assembly is positioned correctly. If the lever is positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1011** Check the PGC lever (M751/E75245/M856/E85055/M776dn/M776z/M776zs)

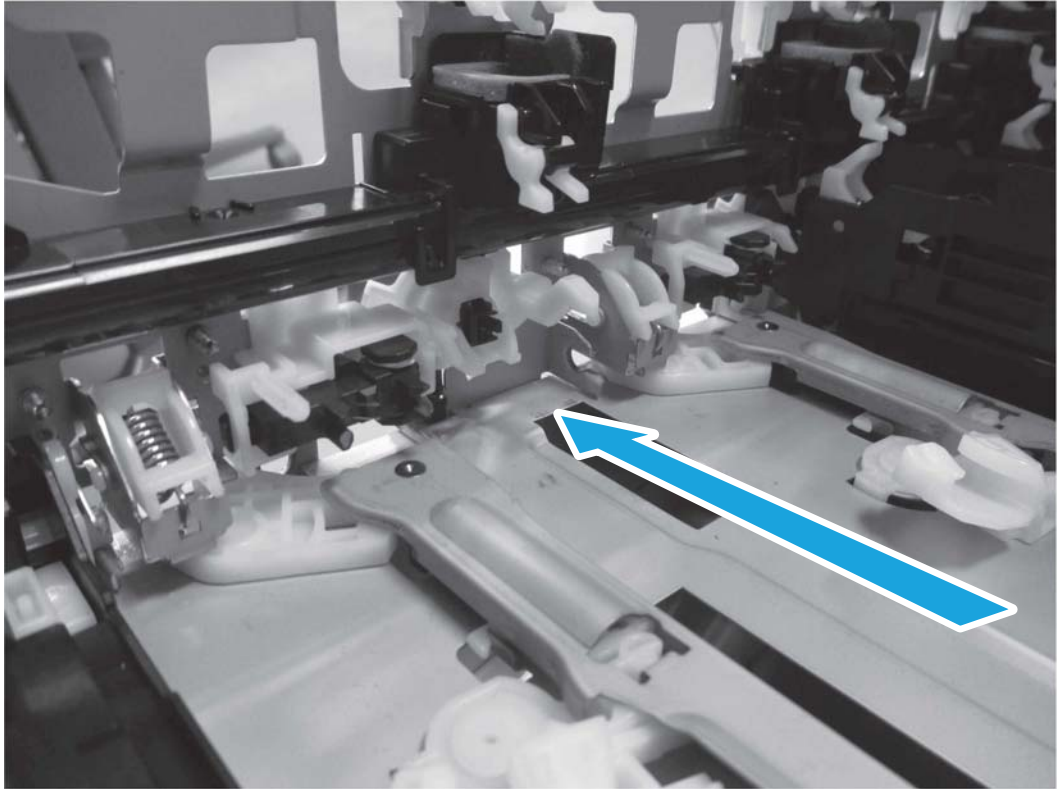


**Figure 1-1012** PGC lever correct and incorrect positions (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



- Slide the cartridge rail assembly into position.

**Figure 1-1013** Position the cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



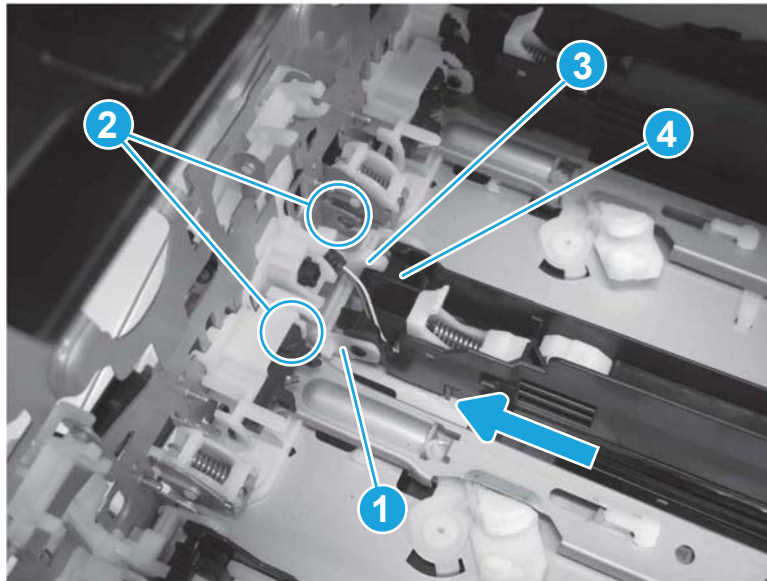
- Make sure that the lock lever (callout 1) is in the down position and the link arm (callout 2) is positioned under the casing. If these parts are positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1014** Check the lock lever and link arm positions (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



4. When installing the link arm (callout 1) on the cartridge rail assembly to the bushing (callout 2) on the printer frame, insert the protrusion on the arm (callout 3) on the printer into the guide (callout 4) on the cartridge rail.

**Figure 1-1015** Install the link arm (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



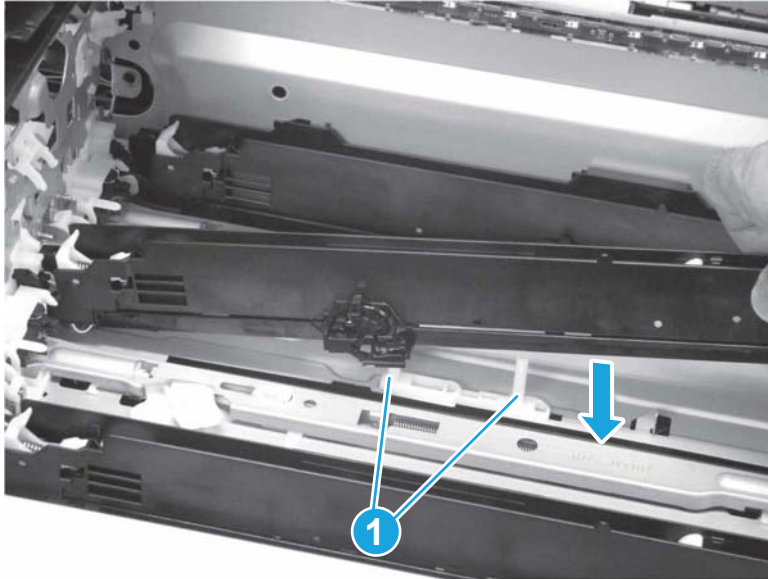
5. This figure shows the correct installation of the link arm.

**Figure 1-1016** Link arm correct installation (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



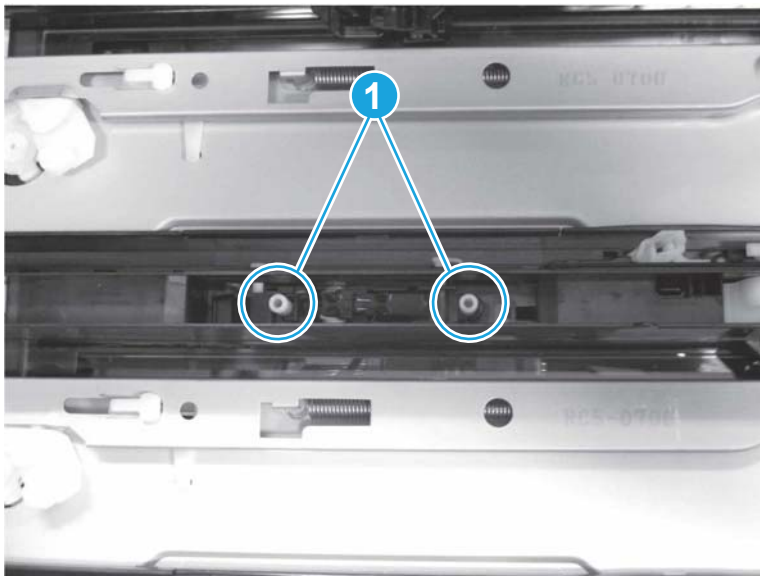
6. Install the cartridge rail assembly into the cartridge tag guide (callout 1).

**Figure 1-1017** Install the cartridge rail assembly into the cartridge tag guide (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



7. Make sure that the white cartridge tag guide is correctly positioned. Look at the cartridge rail assembly from above and verify that the white cartridge tag guide (callout 1) is visible.

**Figure 1-1018** Check the cartridge tag guide (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



#### Removal and replacement: Cartridge rail assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the cartridge rail assembly.

Mean time to repair: 35 minutes

Service level: Hard



## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-64 Part information

Part number	Part description
RM2-2481-000CN	First cartridge rail assembly (Yellow; M856/E85055/M776dn/M776z)
RM2-2480-000CN	Second cartridge rail assembly (Magenta; M856/E85055/M776dn/M776z/M776zs)
RM2-2482-000CN	Third cartridge rail assembly (Cyan; M856/E85055/M776dn/M776z)
RM2-1356-000CN	Black cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

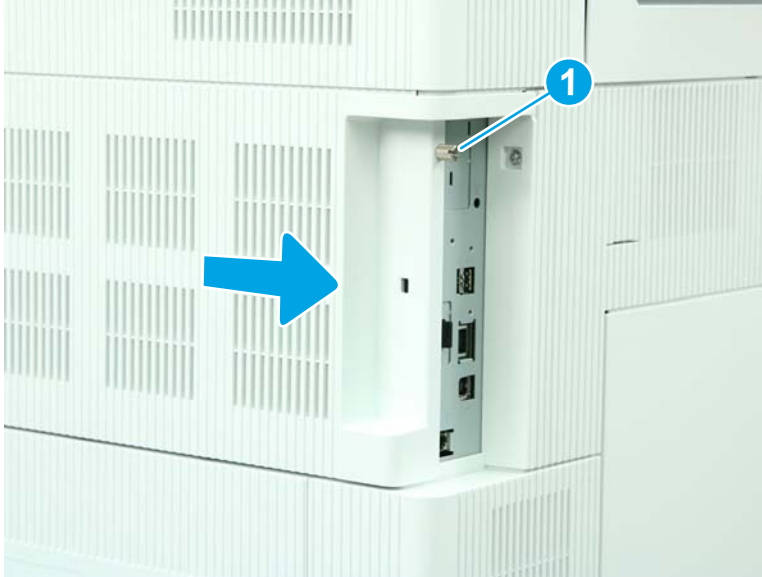
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

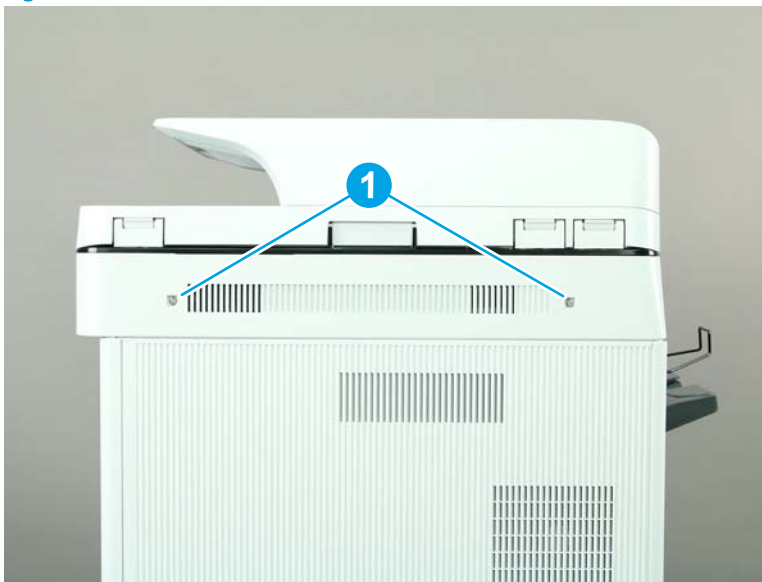
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1019 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1020 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1021** Remove the SCB cover

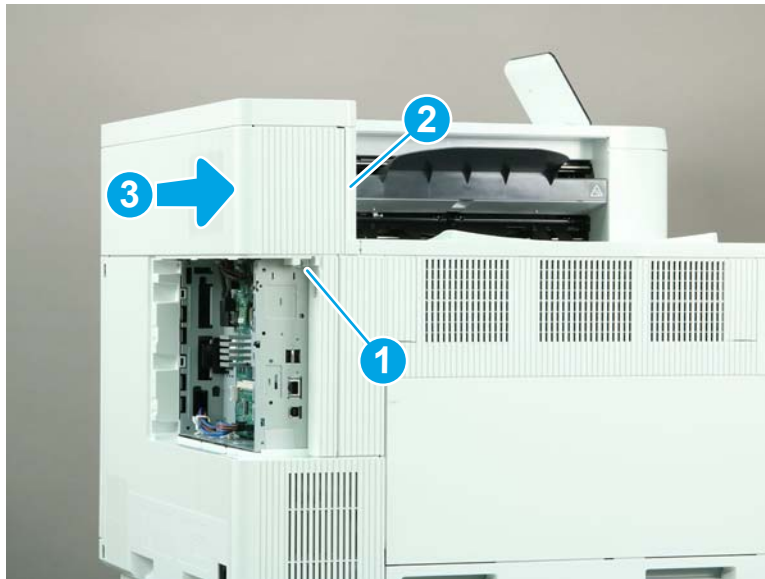


3. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-1022** Remove the rear upper cover

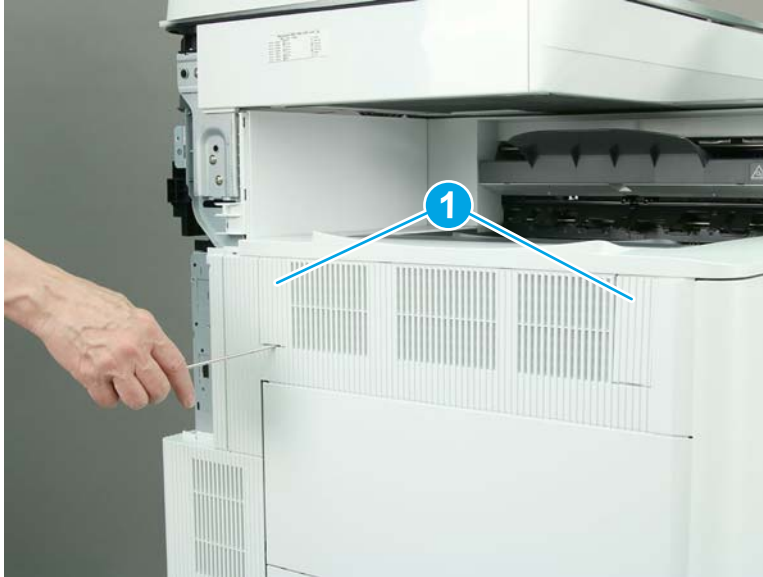


4. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

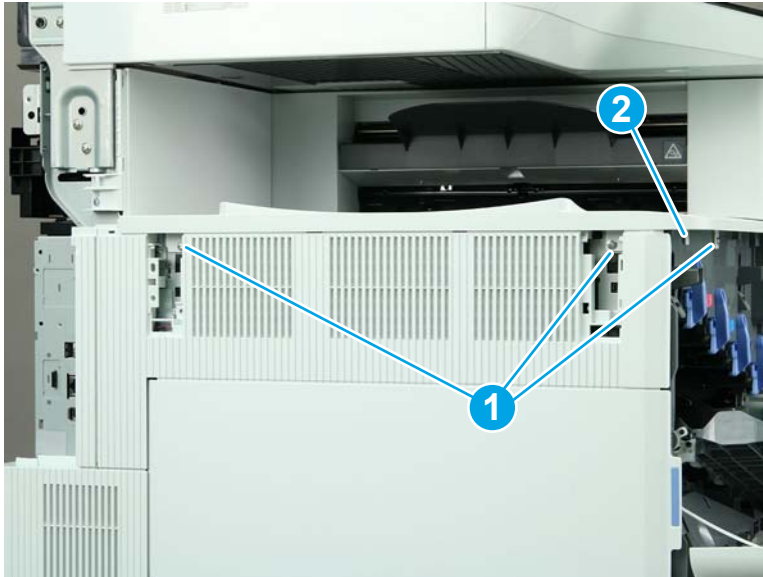
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-1023 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-1024 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-1025** Remove the accessory upper cover

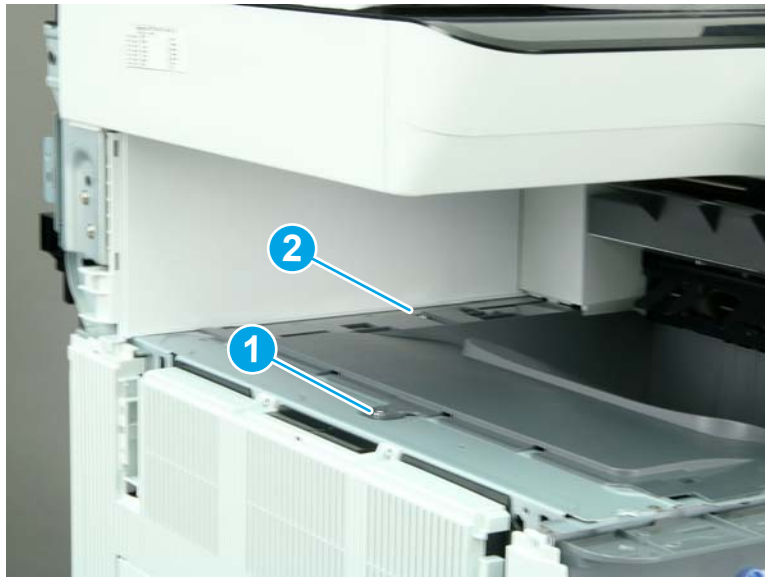


- 5. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

**Figure 1-1026** Remove two screws



- b. Remove the output bin.

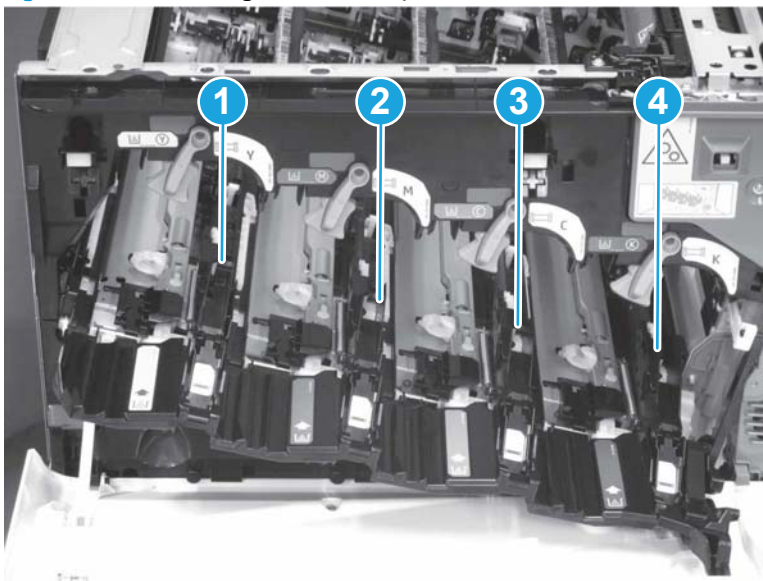
**Figure 1-1027** Remove the output bin



6. Remove the cartridge rail assembly (M751/E75245/M856/E85055/M776).

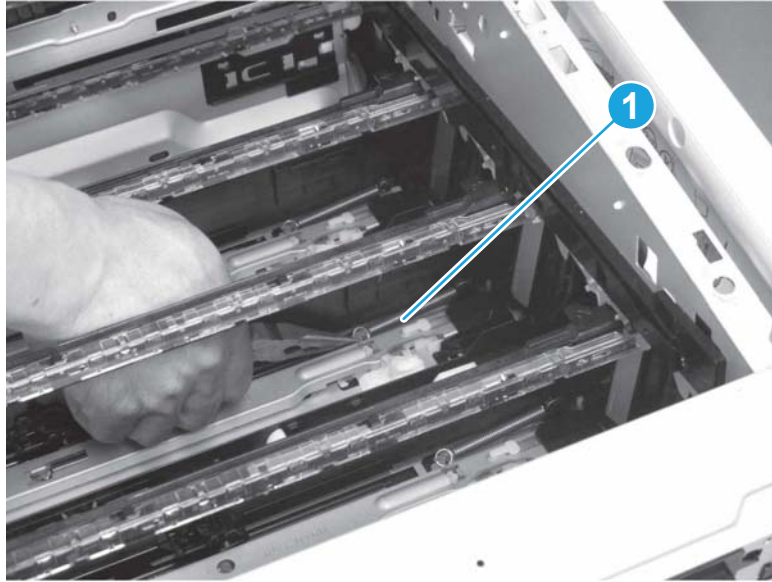
- a. This procedure provides instructions for removing the cyan cartridge rail assembly (callout 3). However, the procedure is also correct for removing any of the four cartridge rail assemblies in the printer.
- Yellow cartridge rail assembly (callout 1)
  - Magenta cartridge rail assembly (callout 2)
  - Cyan cartridge rail assembly (callout 3)
  - Black cartridge rail assembly (callout 4)

**Figure 1-1028** Cartridge rail assembly locations



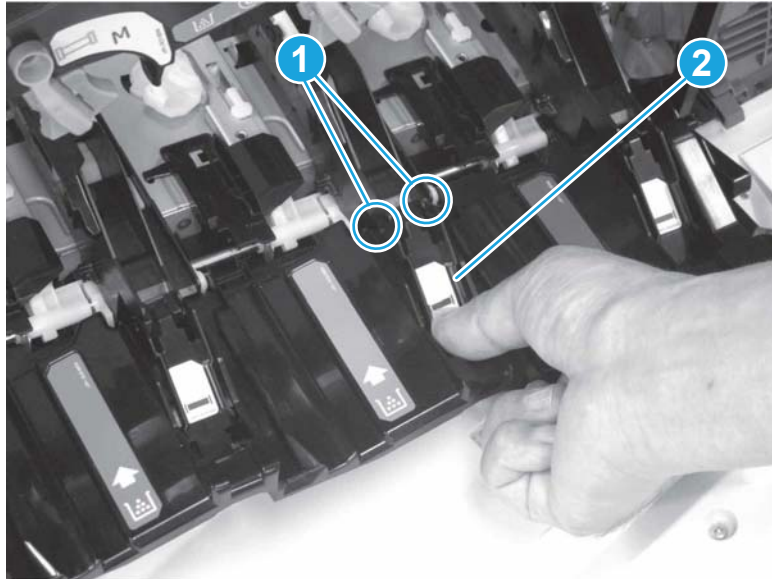
- b. Close the front door. Use needle-nosed pliers to unhook one spring (callout 1).

Figure 1-1029 Unhook one spring



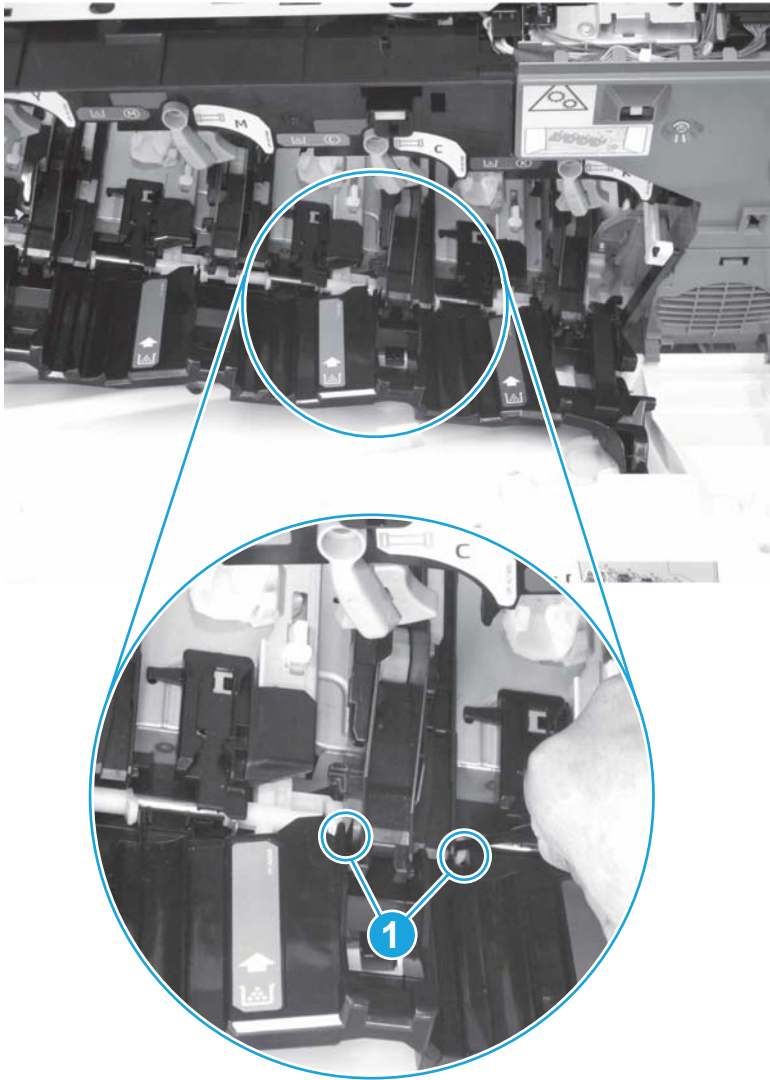
- c. Open the front door. Release two bosses (callout 1), and then remove the link (callout 2).

Figure 1-1030 Remove the link



- d. Release two bosses (callout 1).

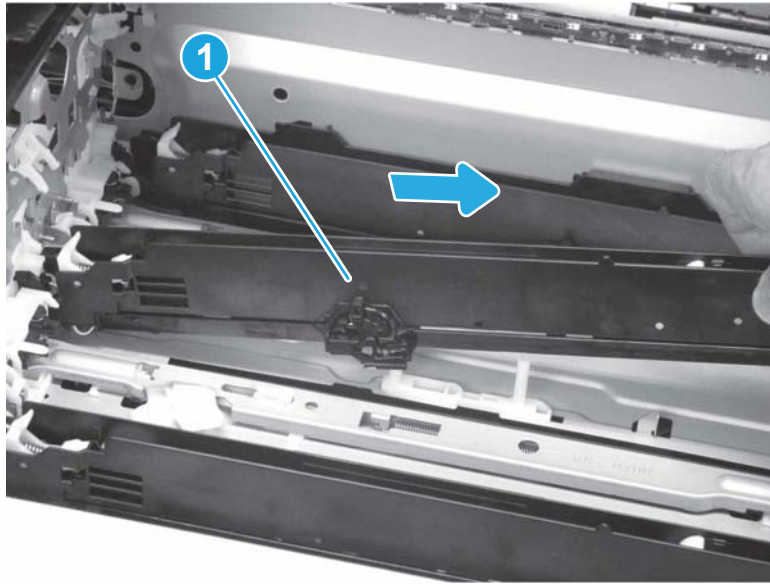
Figure 1-1031 Release two bosses





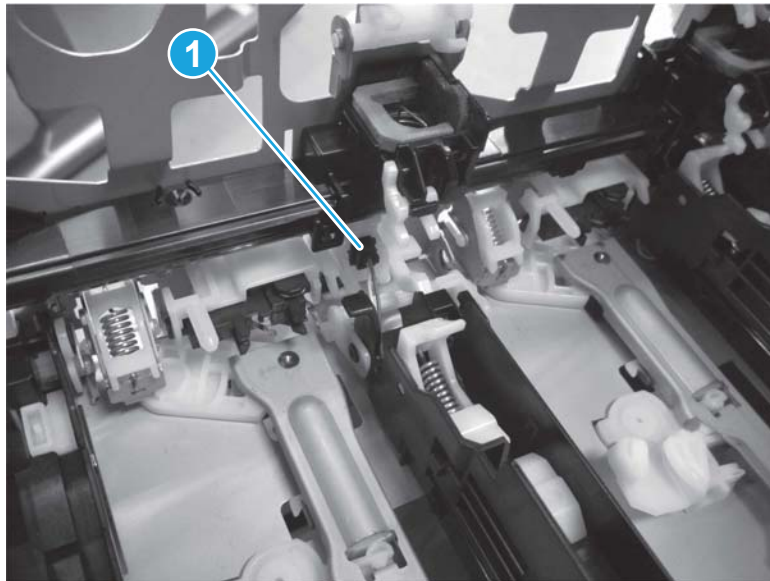
- e. Pull the cartridge rail assembly (callout 1) toward the front of the printer about 2 cm (0.79 in).

Figure 1-1032 Pull the cartridge rail assembly



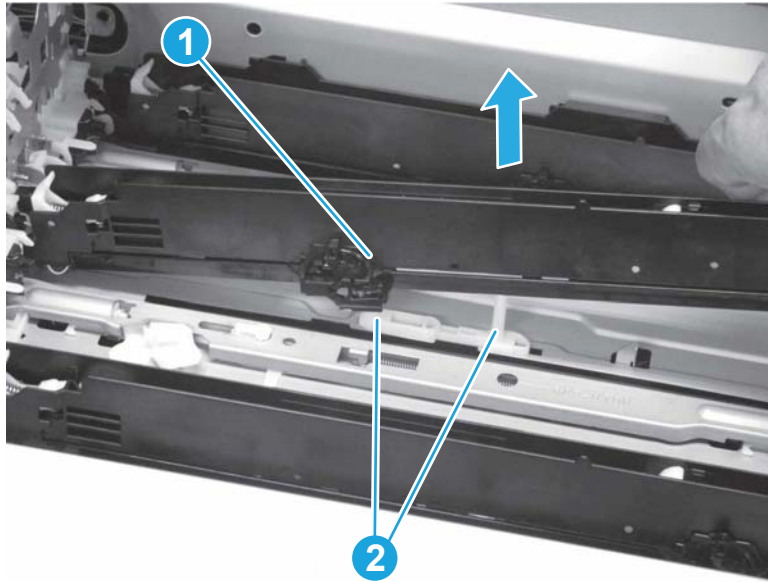
- f. Disconnect one connector (callout 1).

Figure 1-1033 Disconnect one connector



- g. Lift up to remove the cartridge rail assembly (callout 1) from the tag guide (callout 2).

Figure 1-1034 Remove the cartridge rail assembly



- 7. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

- 8. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

Install the cartridge rail assembly.

1. When installing the cartridge rail assembly, make sure that the lever of the PCG assembly is positioned correctly. If the lever is positioned incorrectly, the cartridge cannot be installed.

Figure 1-1035 Check the PGC lever (M751/E75245/M856/E85055/M776dn/M776z/M776zs)

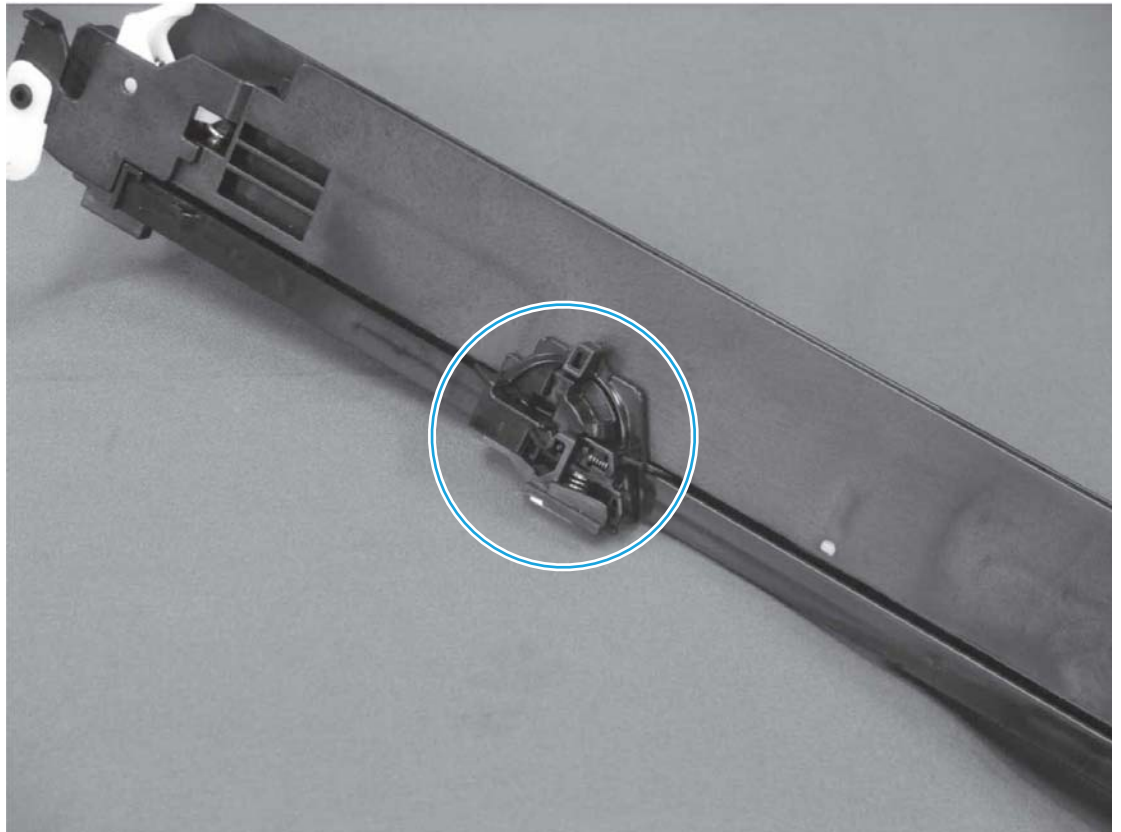
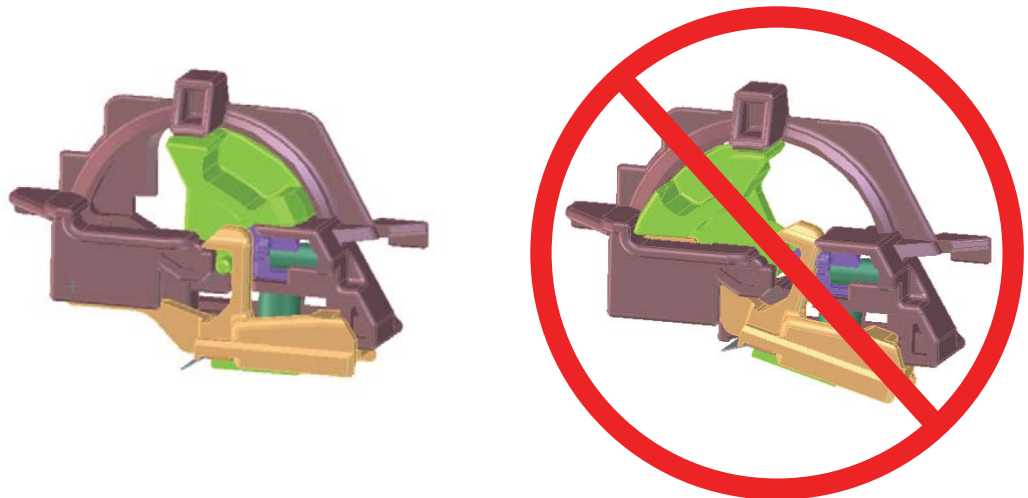
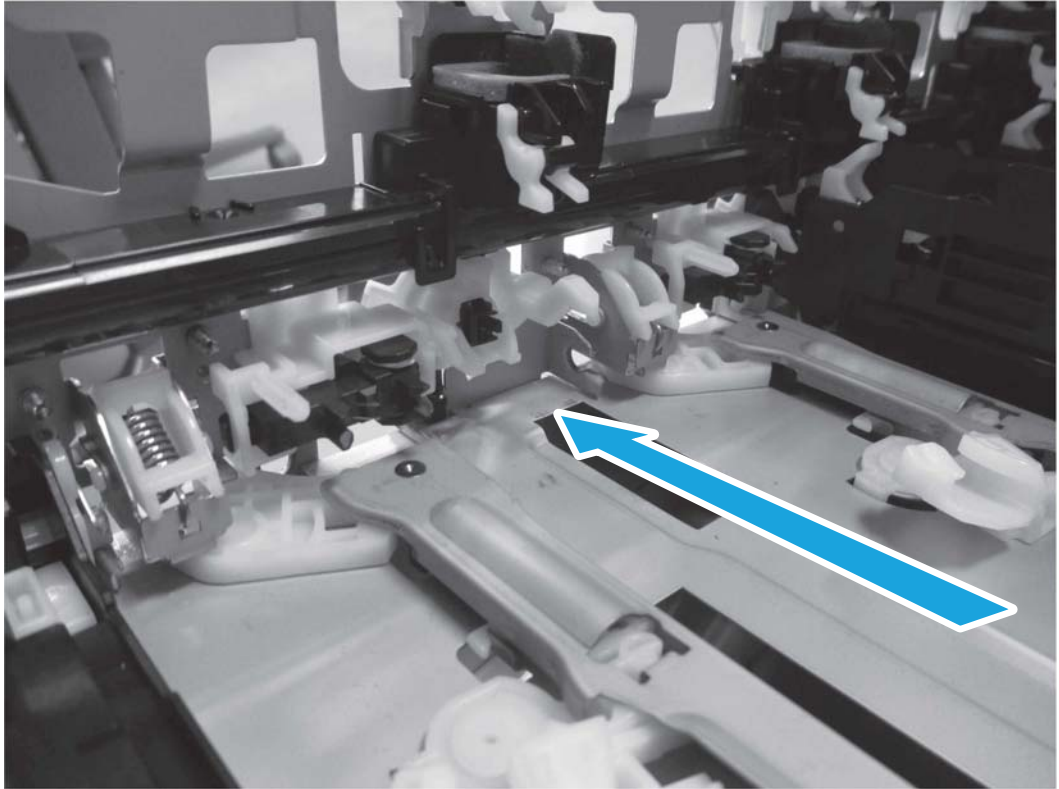


Figure 1-1036 PGC lever correct and incorrect positions (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



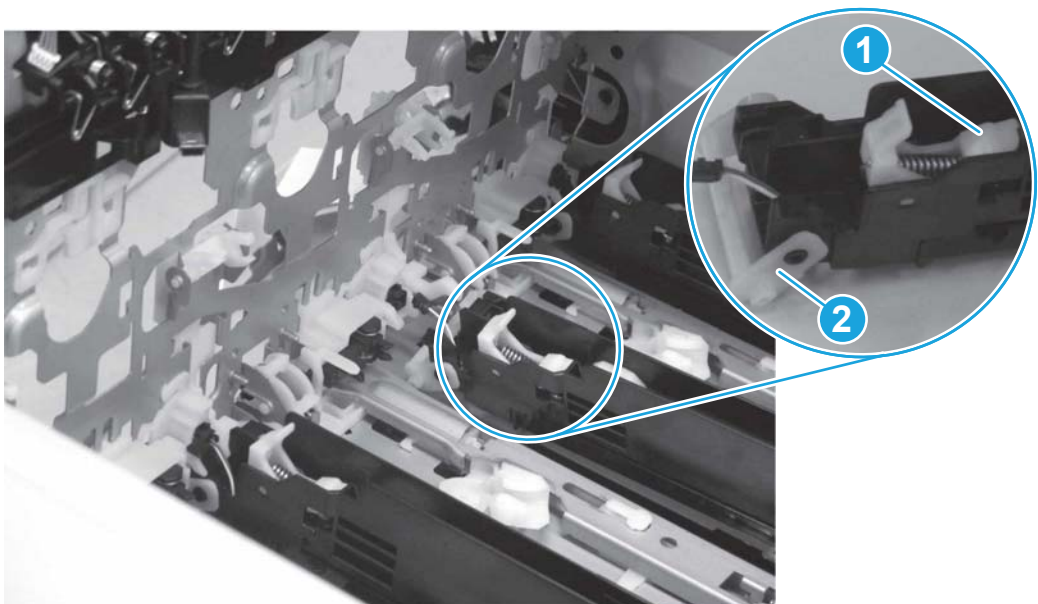
- Slide the cartridge rail assembly into position.

**Figure 1-1037** Position the cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



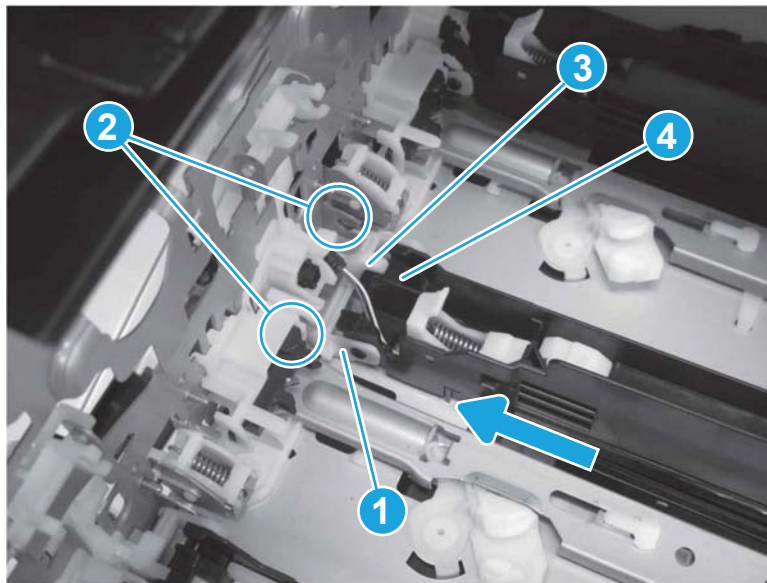
- Make sure that the lock lever (callout 1) is in the down position and the link arm (callout 2) is positioned under the casing. If these parts are positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1038** Check the lock lever and link arm positions (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



4. When installing the link arm (callout 1) on the cartridge rail assembly to the bushing (callout 2) on the printer frame, insert the protrusion on the arm (callout 3) on the printer into the guide (callout 4) on the cartridge rail.

**Figure 1-1039** Install the link arm (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



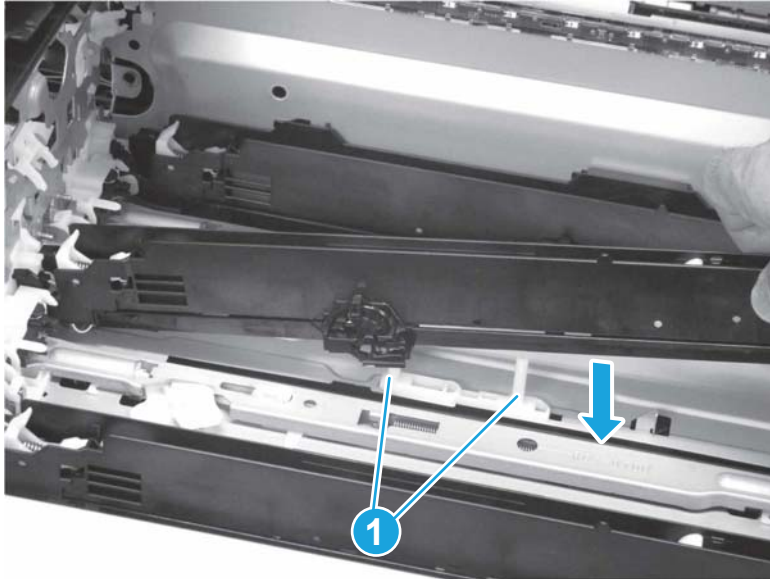
5. This figure shows the correct installation of the link arm.

**Figure 1-1040** Link arm correct installation (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



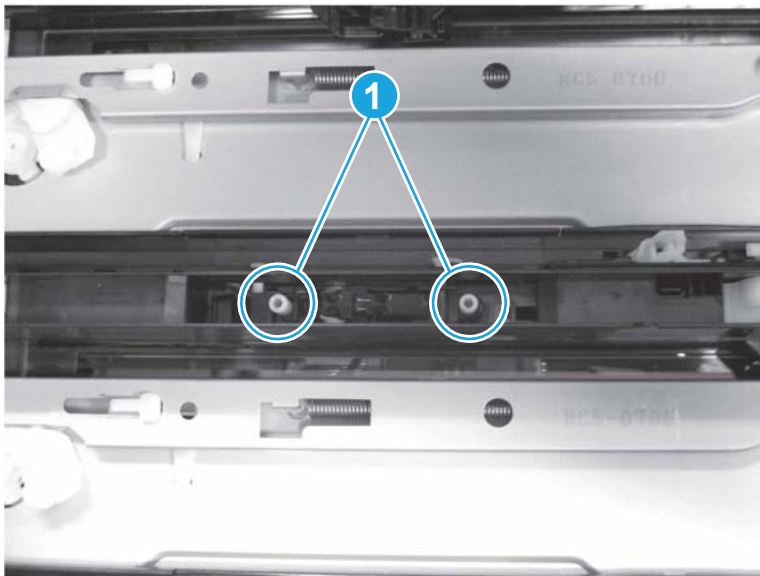
6. Install the cartridge rail assembly into the cartridge tag guide (callout 1).

**Figure 1-1041** Install the cartridge rail assembly into the cartridge tag guide (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



7. Make sure that the white cartridge tag guide is correctly positioned. Look at the cartridge rail assembly from above and verify that the white cartridge tag guide (callout 1) is visible.

**Figure 1-1042** Check the cartridge tag guide (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



#### Removal and replacement: Cartridge rail assembly (M776zs)

Learn how to remove and replace the cartridge rail assembly.

Mean time to repair: 35 minutes

Service level: Hard

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-65 Part information**

Part number	Part description
RM2-2681-000CN	First cartridge rail assembly (Yellow; M776zs)
RM2-2480-000CN	Second cartridge rail assembly (Magenta; M856/E85055/M776dn/M776z/M776zs)
RM2-2682-000CN	Third cartridge rail assembly (Cyan; M776zs)
RM2-1356-000CN	Black cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

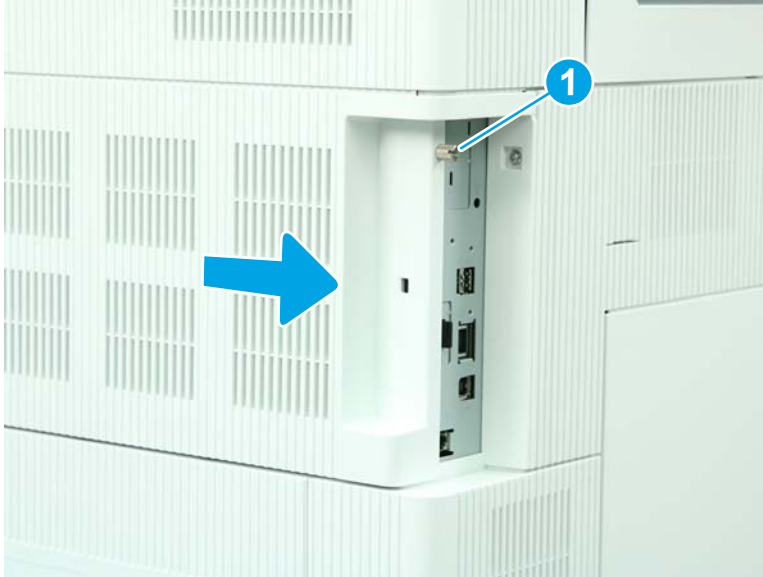
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

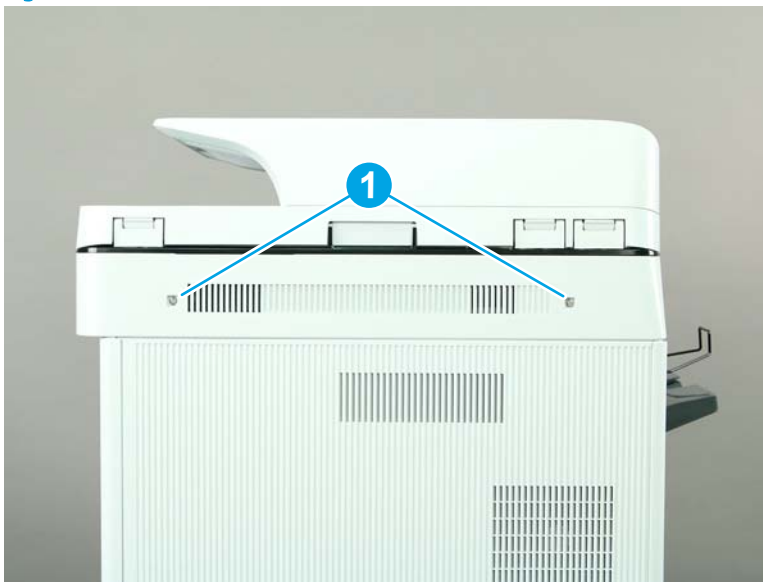
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1043 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1044 Remove two screws





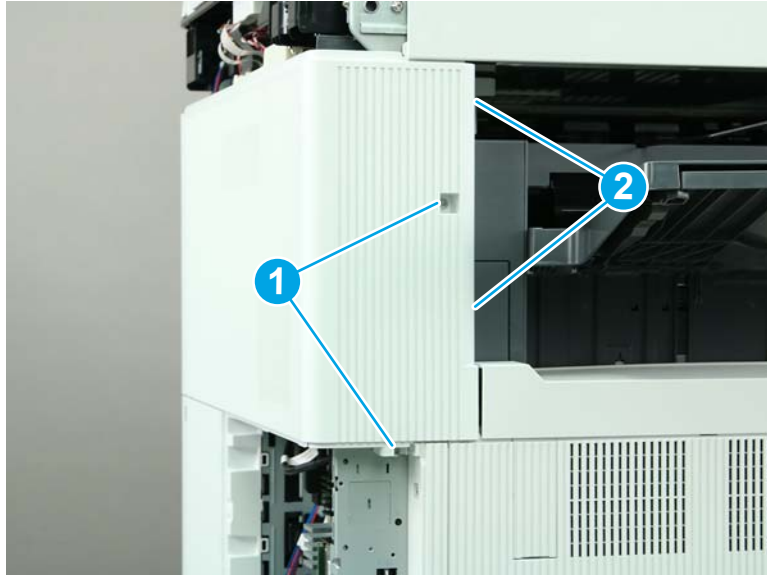
- b. Remove the SCB cover.

**Figure 1-1045** Remove the SCB cover



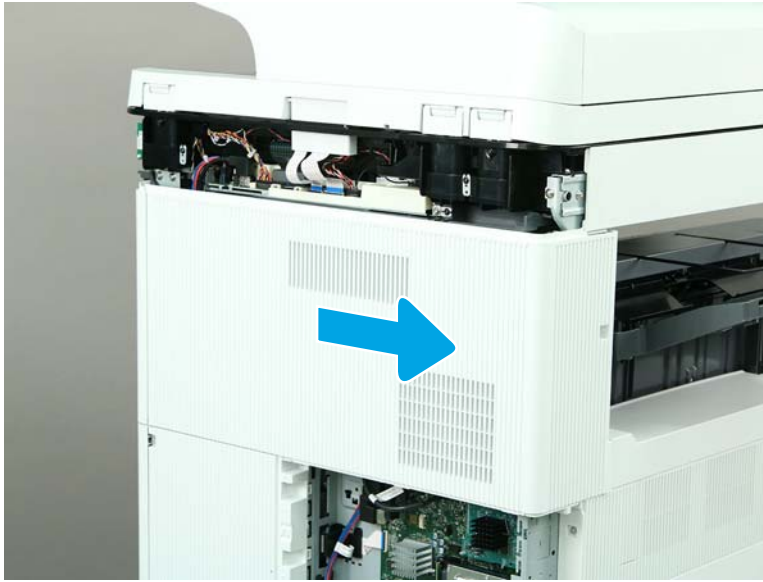
3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1046** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-1047 Remove the rear upper and left rear upper cover



- 4. Remove the front cover (M776zs).

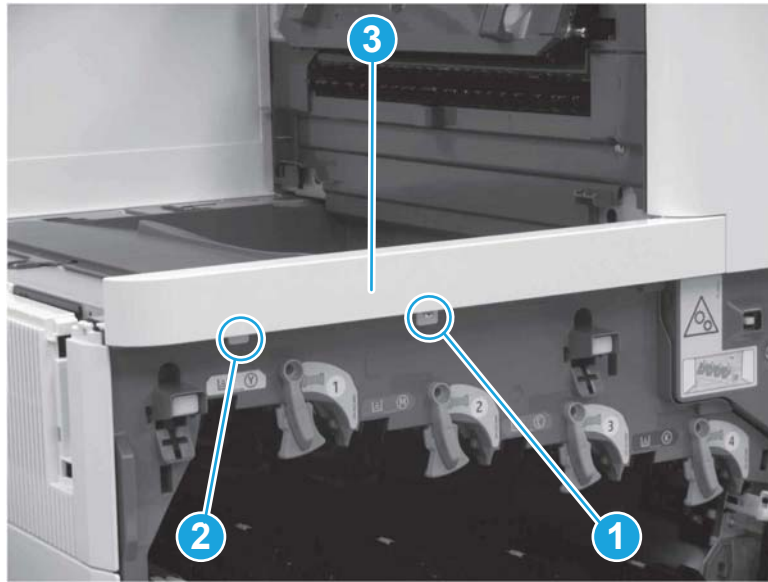
- a. Open the front door.

Figure 1-1048 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-1049 Remove the front cover



- 5. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-1050 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-1051** Release the control panel cover



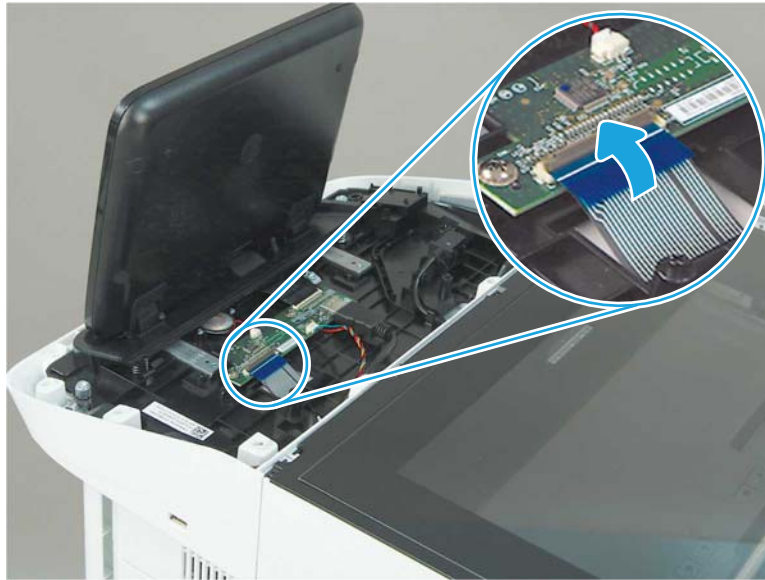
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-1052** Remove the control panel cover



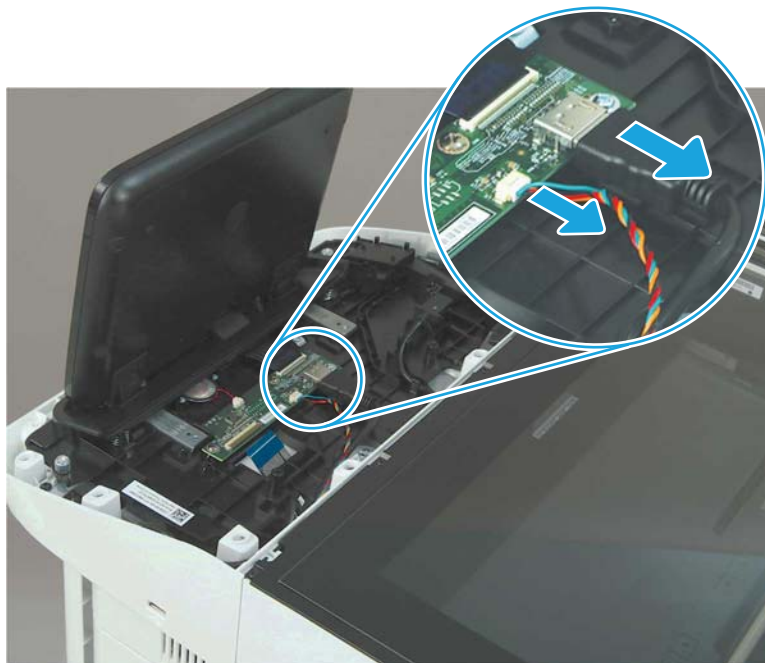
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-1053** Release the keyboard flat cable (M776z/M776zs)



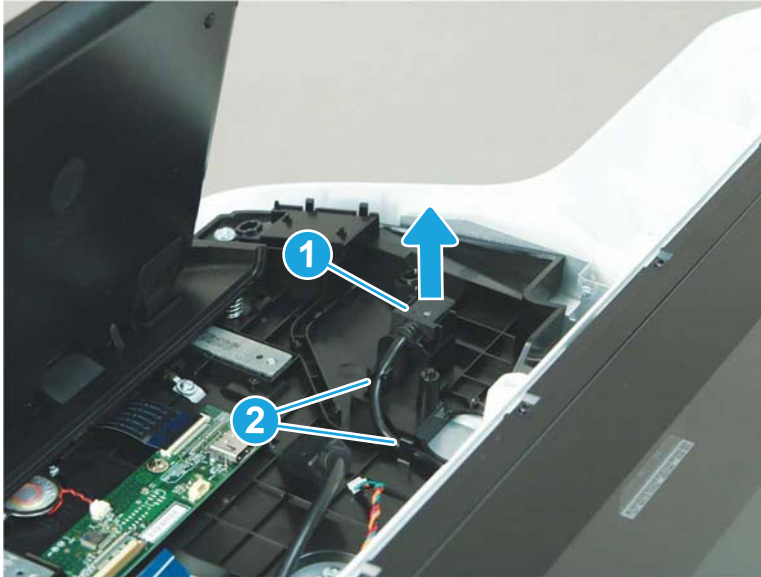
- e. Disconnect two connectors

**Figure 1-1054** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-1055 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-1056 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

**Figure 1-1057** Remove the control panel



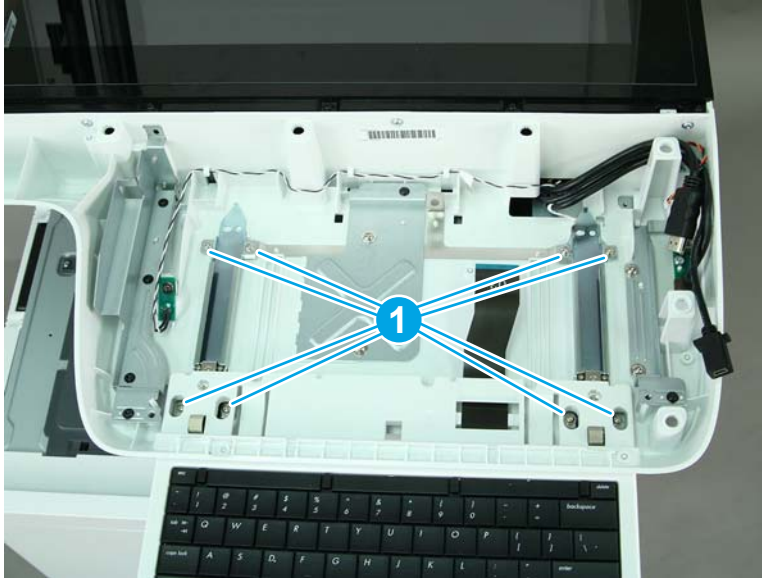
- 6. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

**Figure 1-1058** Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-1059 Remove eight screws



- c. Remove the keyboard and rails.

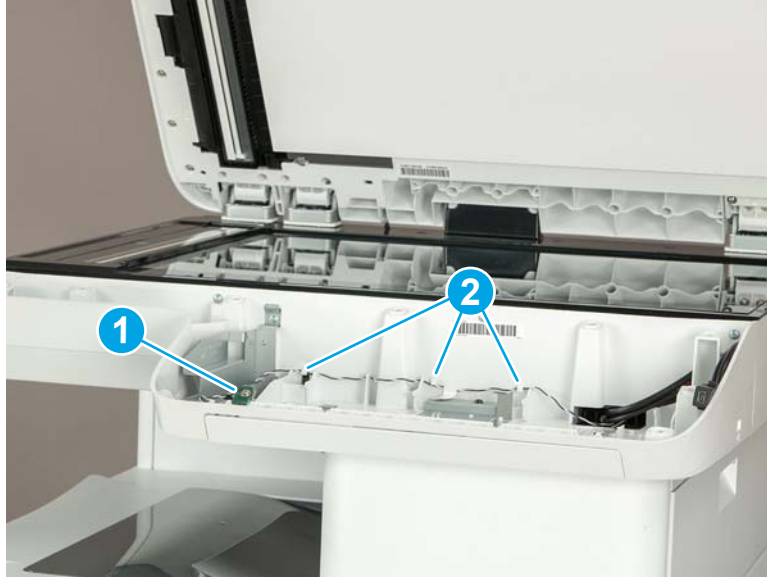
Figure 1-1060 Remove the keyboard and rails



- 7. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

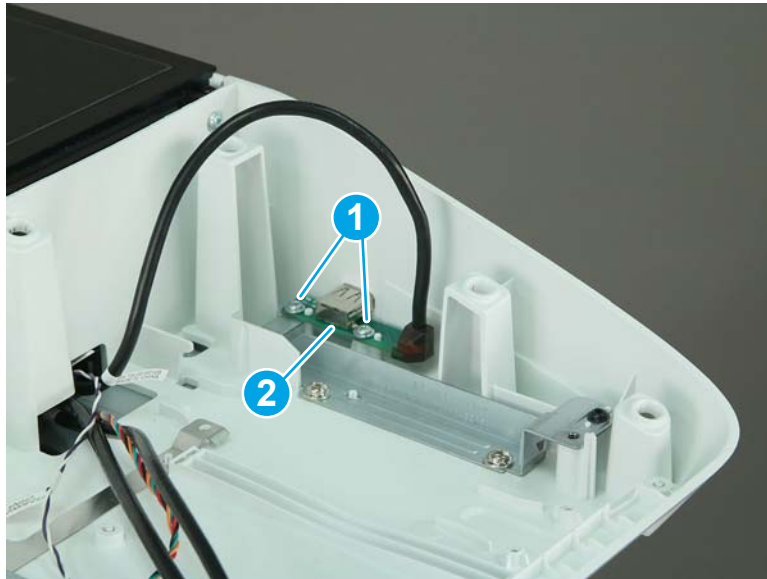


Figure 1-1061 Release the light PCA



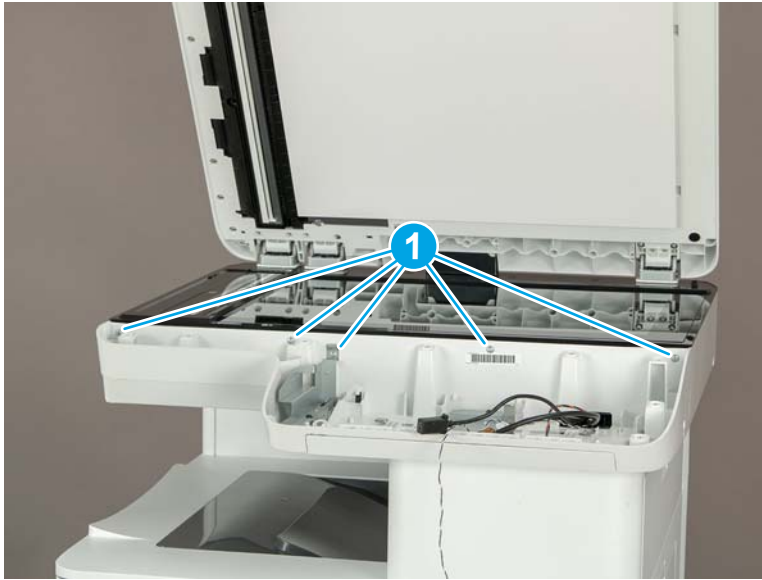
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-1062 Release the USB port PCA



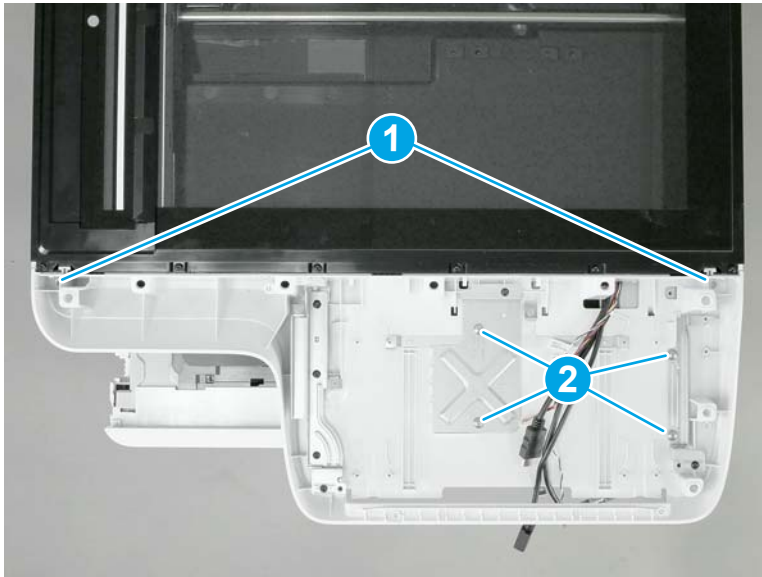
- c. Remove five screws (callout 1).

Figure 1-1063 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

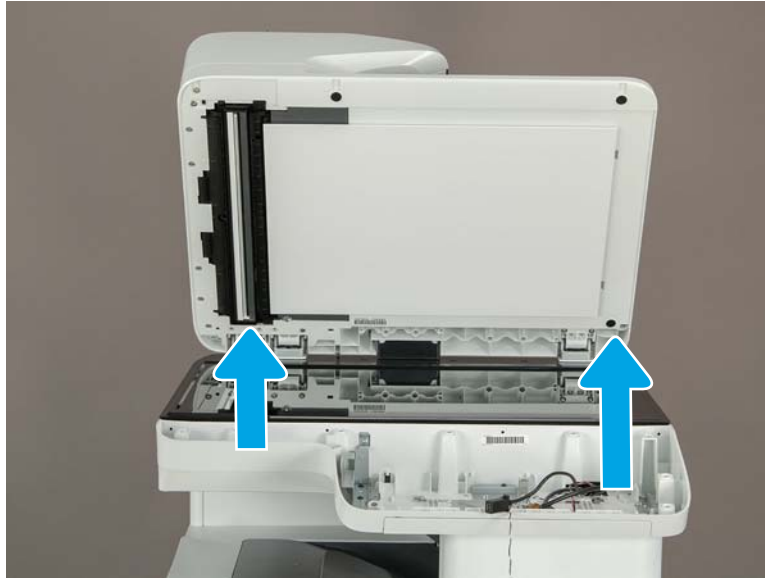
Figure 1-1064 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

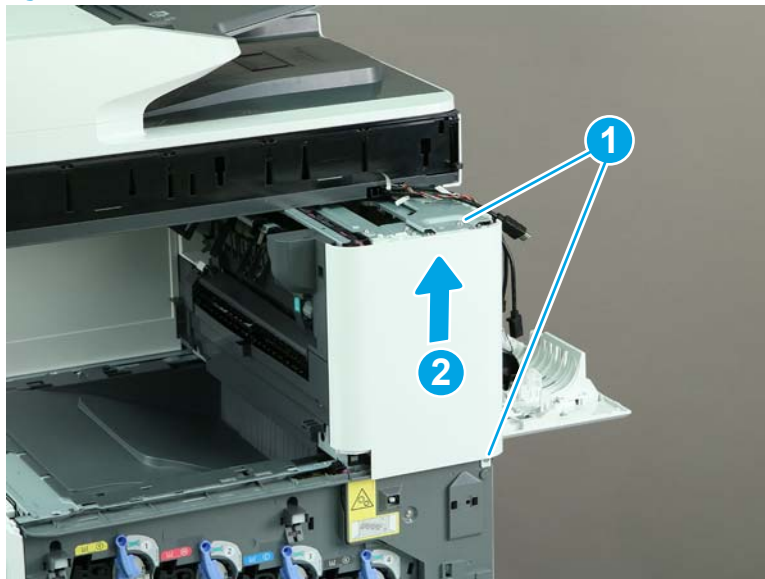
**Figure 1-1065** Remove the nose cone



- 8. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

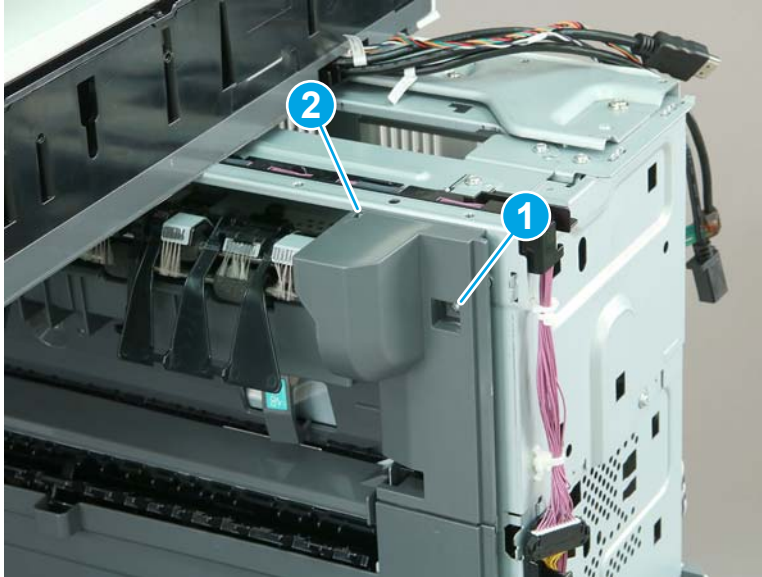
**Figure 1-1066** Remove the right front cover



- 9. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

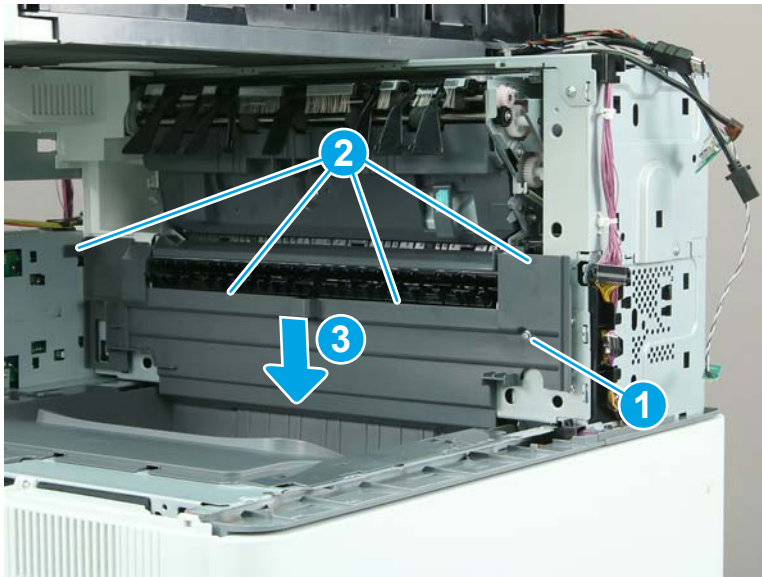
Figure 1-1067 Remove the delivery front cover



10. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

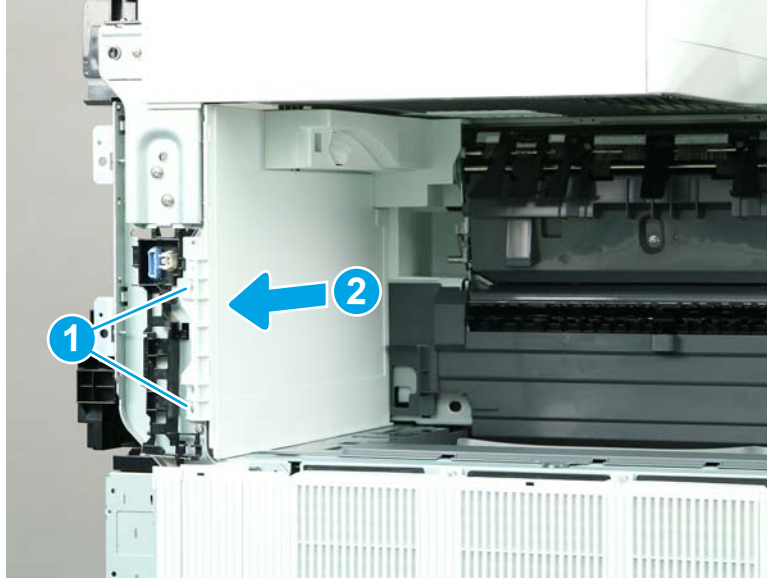
Figure 1-1068 Remove the delivery cover



11. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

Figure 1-1069 Remove the main cover

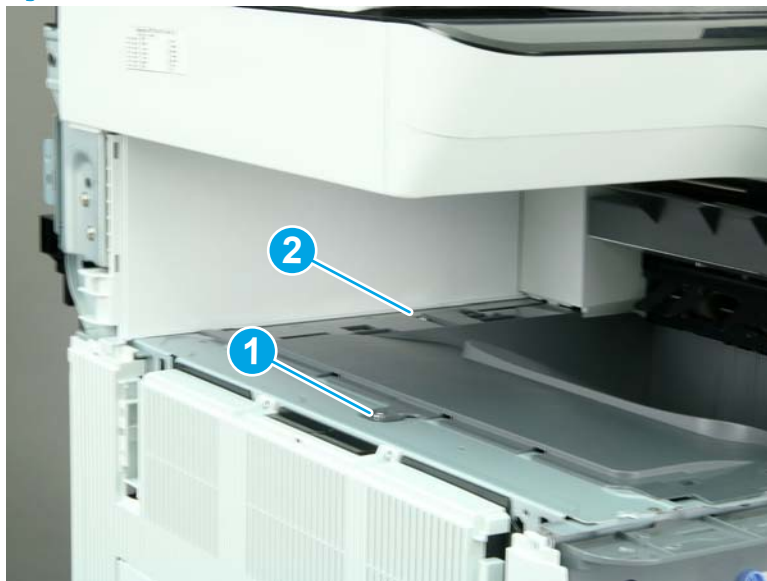


12. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-1070 Remove two screws



- b. Remove the output bin.

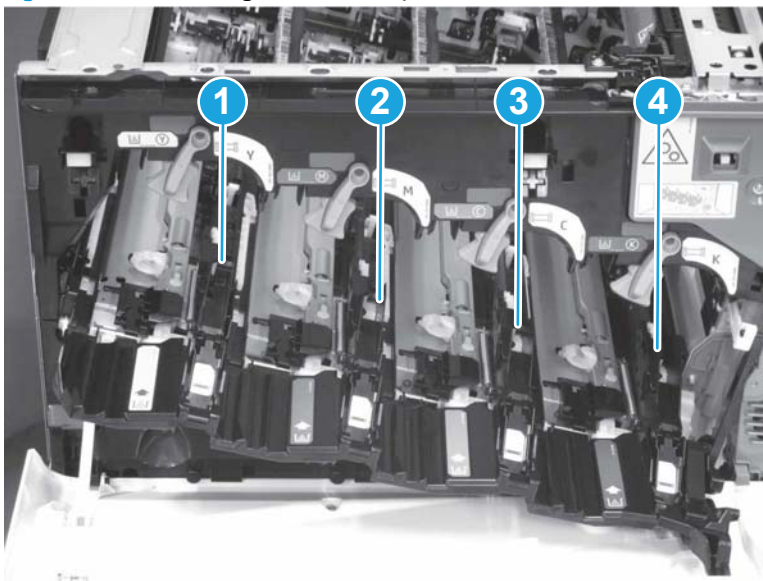
**Figure 1-1071** Remove the output bin



13. Remove the cartridge rail assembly (M751/E75245/M856/E85055/M776).

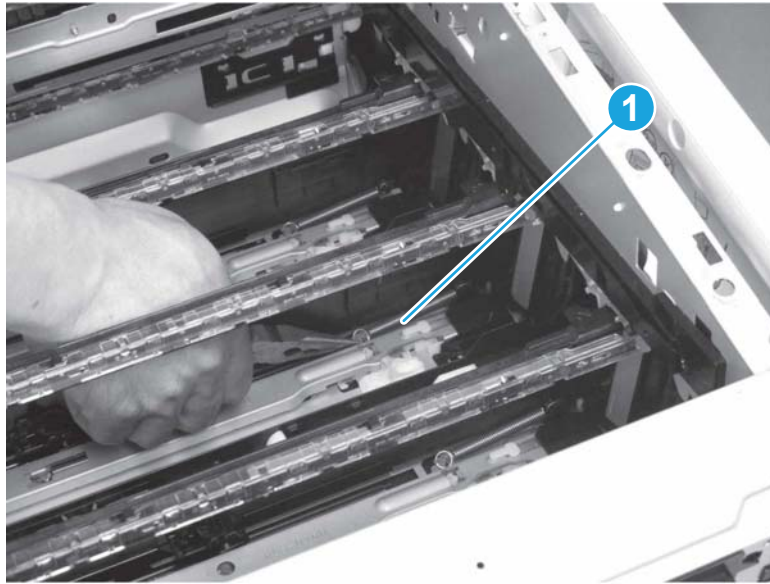
- a. This procedure provides instructions for removing the cyan cartridge rail assembly (callout 3). However, the procedure is also correct for removing any of the four cartridge rail assemblies in the printer.
- Yellow cartridge rail assembly (callout 1)
  - Magenta cartridge rail assembly (callout 2)
  - Cyan cartridge rail assembly (callout 3)
  - Black cartridge rail assembly (callout 4)

**Figure 1-1072** Cartridge rail assembly locations



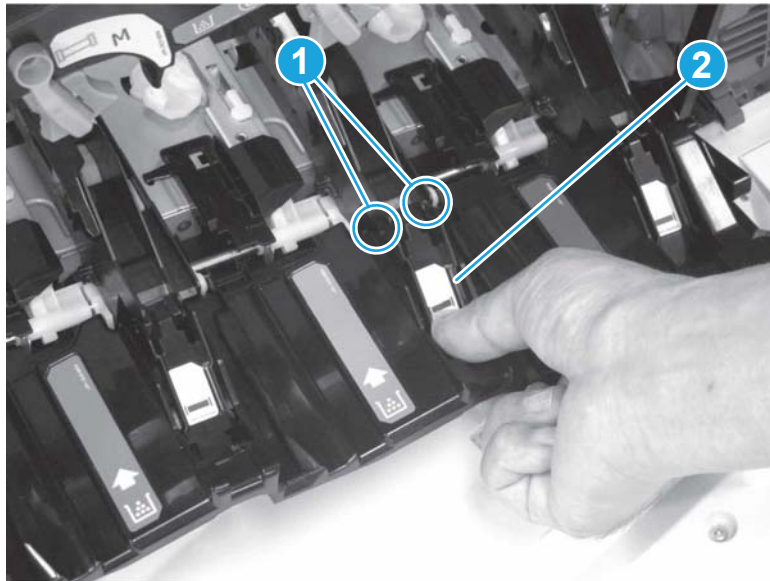
- b. Close the front door. Use needle-nosed pliers to unhook one spring (callout 1).

Figure 1-1073 Unhook one spring



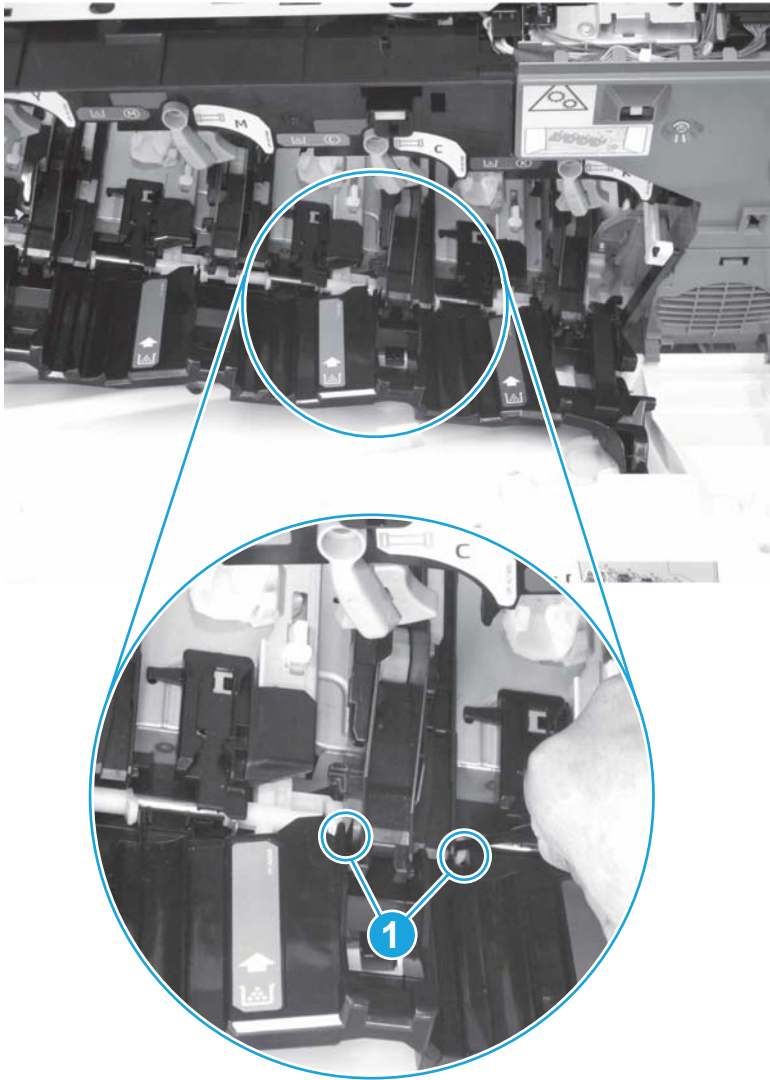
- c. Open the front door. Release two bosses (callout 1), and then remove the link (callout 2).

Figure 1-1074 Remove the link



- d. Release two bosses (callout 1).

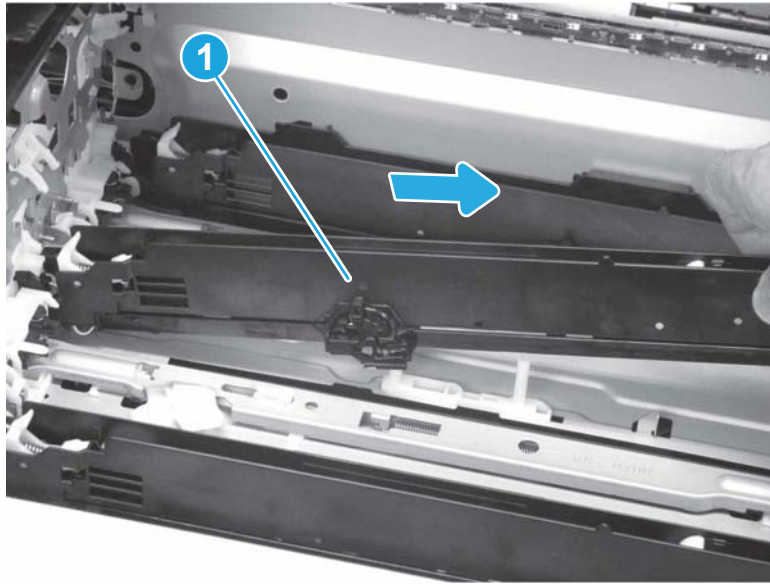
Figure 1-1075 Release two bosses





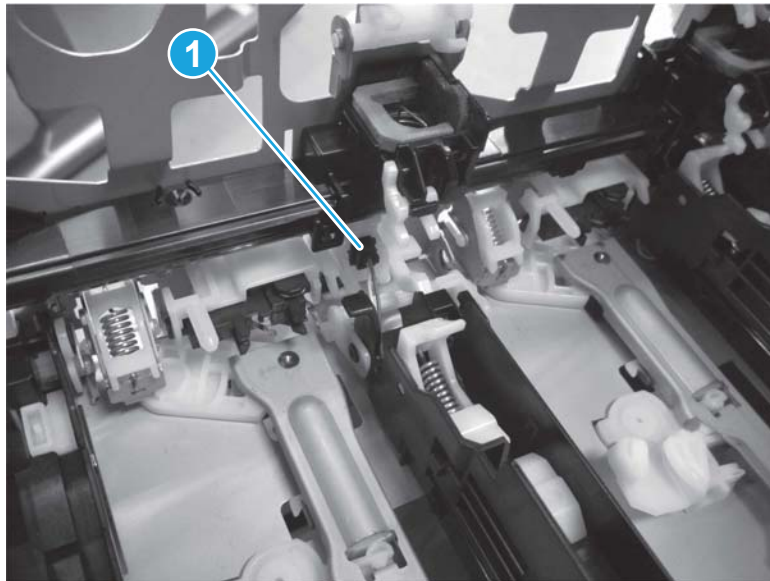
- e. Pull the cartridge rail assembly (callout 1) toward the front of the printer about 2 cm (0.79 in).

Figure 1-1076 Pull the cartridge rail assembly



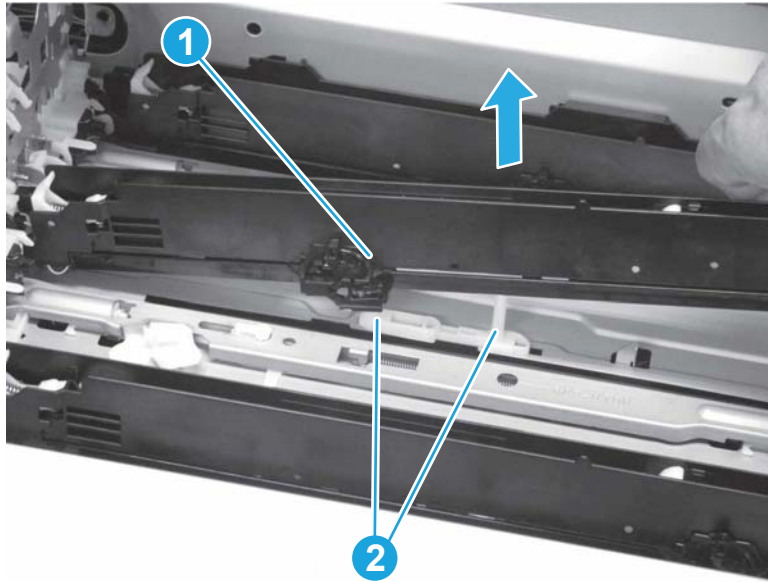
- f. Disconnect one connector (callout 1).

Figure 1-1077 Disconnect one connector



- g. Lift up to remove the cartridge rail assembly (callout 1) from the tag guide (callout 2).

Figure 1-1078 Remove the cartridge rail assembly



- 14. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

- 15. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

Install the cartridge rail assembly.

1. When installing the cartridge rail assembly, make sure that the lever of the PCG assembly is positioned correctly. If the lever is positioned incorrectly, the cartridge cannot be installed.

Figure 1-1079 Check the PGC lever (M751/E75245/M856/E85055/M776dn/M776z/M776zs)

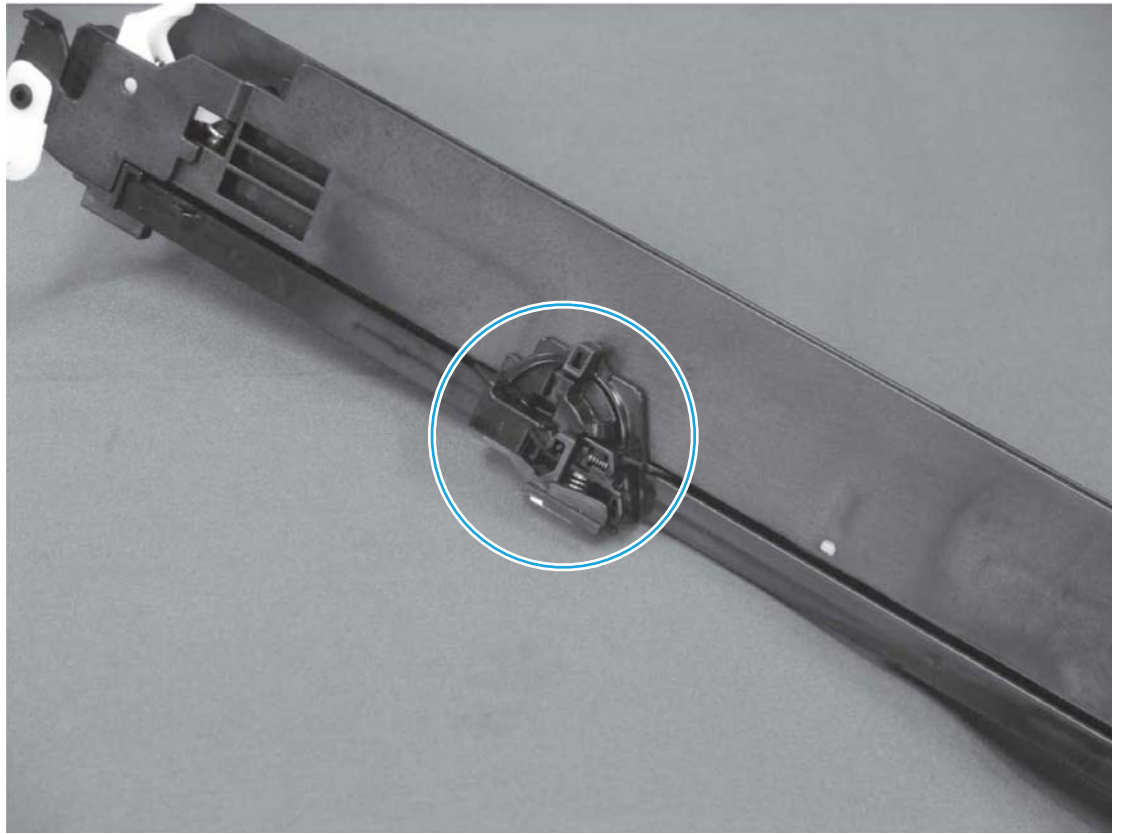
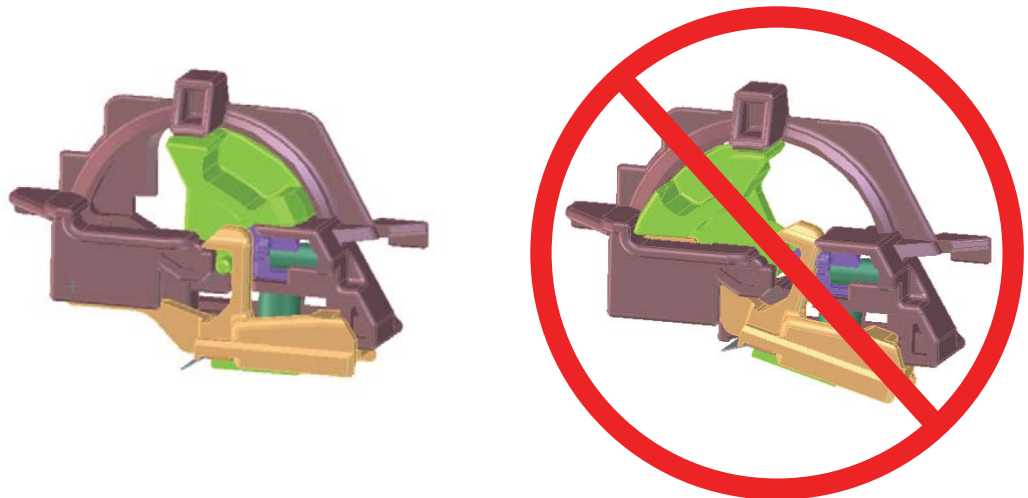
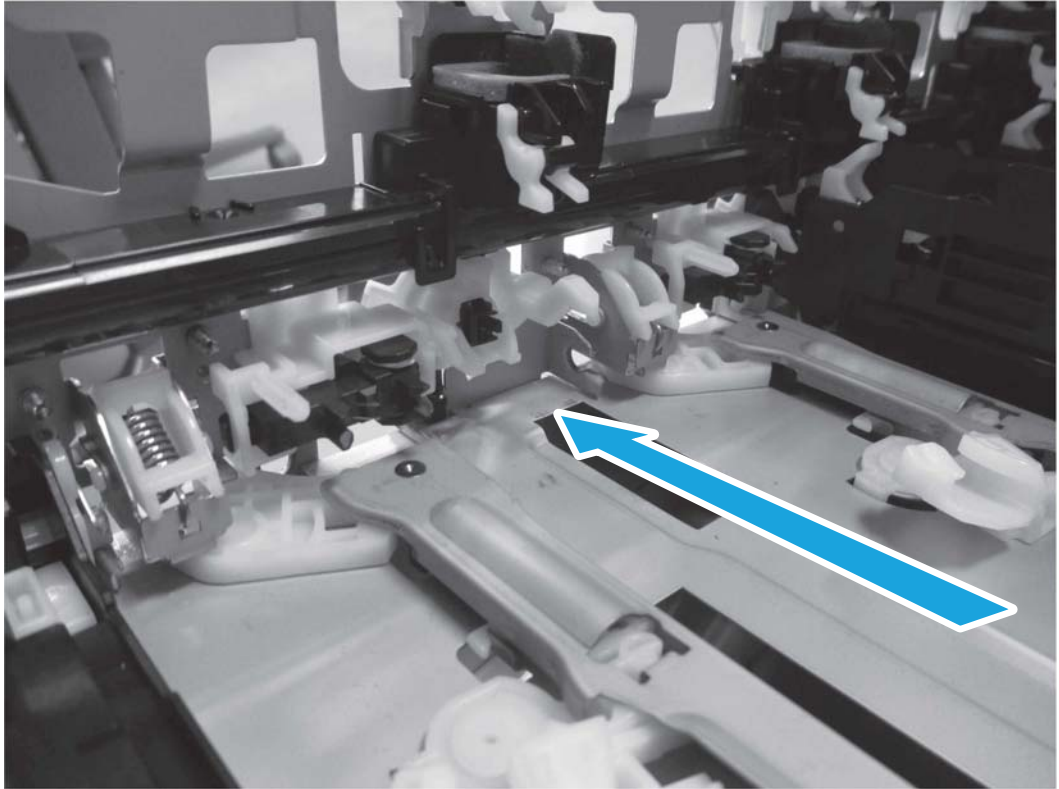


Figure 1-1080 PGC lever correct and incorrect positions (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



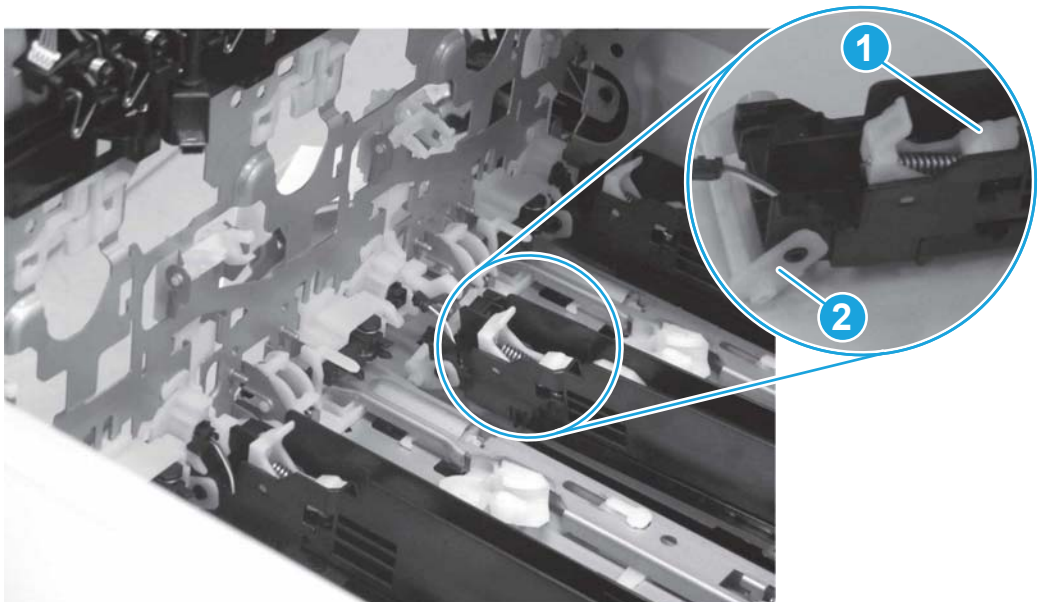
- Slide the cartridge rail assembly into position.

**Figure 1-1081** Position the cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



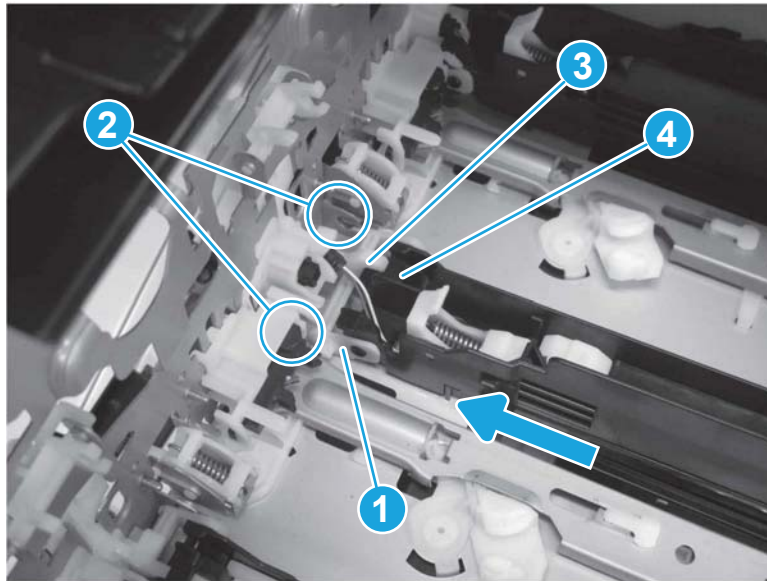
- Make sure that the lock lever (callout 1) is in the down position and the link arm (callout 2) is positioned under the casing. If these parts are positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1082** Check the lock lever and link arm positions (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



4. When installing the link arm (callout 1) on the cartridge rail assembly to the bushing (callout 2) on the printer frame, insert the protrusion on the arm (callout 3) on the printer into the guide (callout 4) on the cartridge rail.

**Figure 1-1083** Install the link arm (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



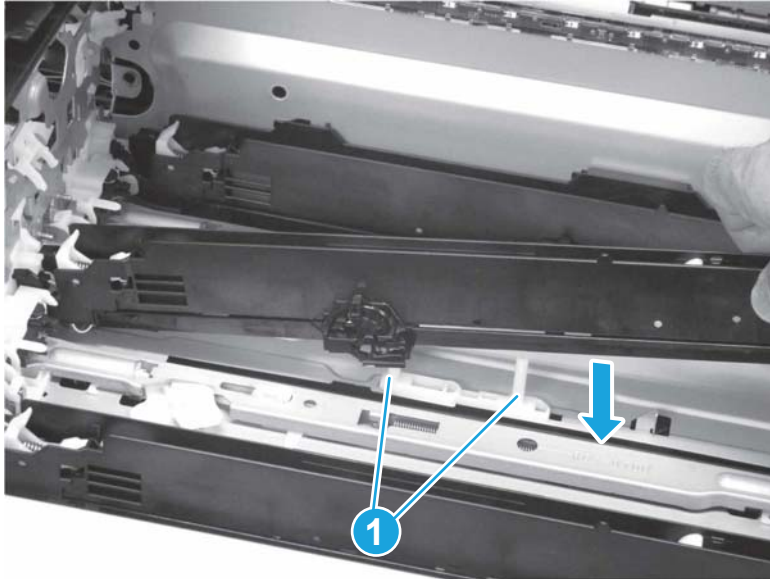
5. This figure shows the correct installation of the link arm.

**Figure 1-1084** Link arm correct installation (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



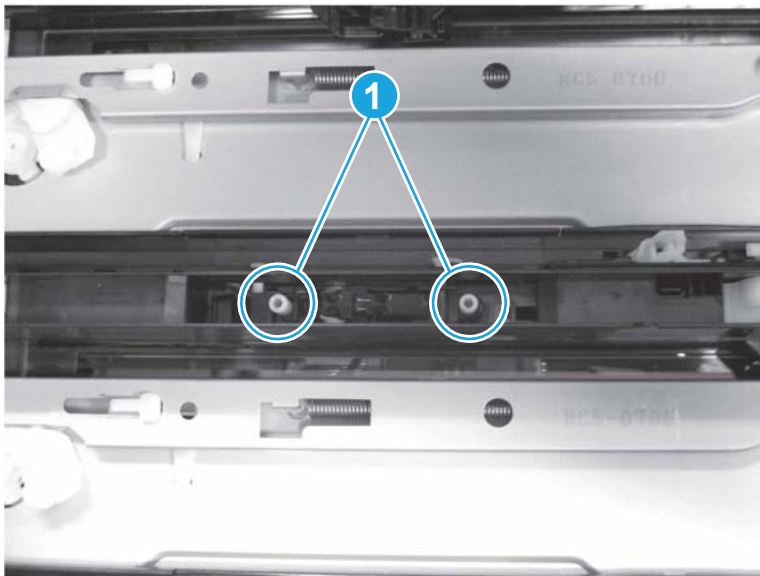
6. Install the cartridge rail assembly into the cartridge tag guide (callout 1).

**Figure 1-1085** Install the cartridge rail assembly into the cartridge tag guide (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



7. Make sure that the white cartridge tag guide is correctly positioned. Look at the cartridge rail assembly from above and verify that the white cartridge tag guide (callout 1) is visible.

**Figure 1-1086** Check the cartridge tag guide (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



#### Removal and replacement: DT-cartridge rail assembly (M751/E75245)

Learn how to remove and replace the DT cartridge rail assembly.


Mean time to repair: 25 minutes

Service level: Hard

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-66 Part information**

Part number	Part description
RM2-1357-000CN	DT cartridge rail assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

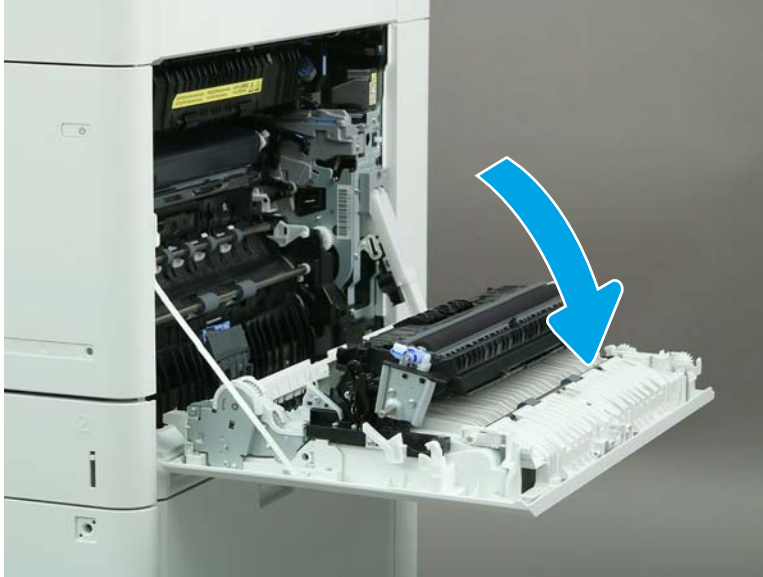
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

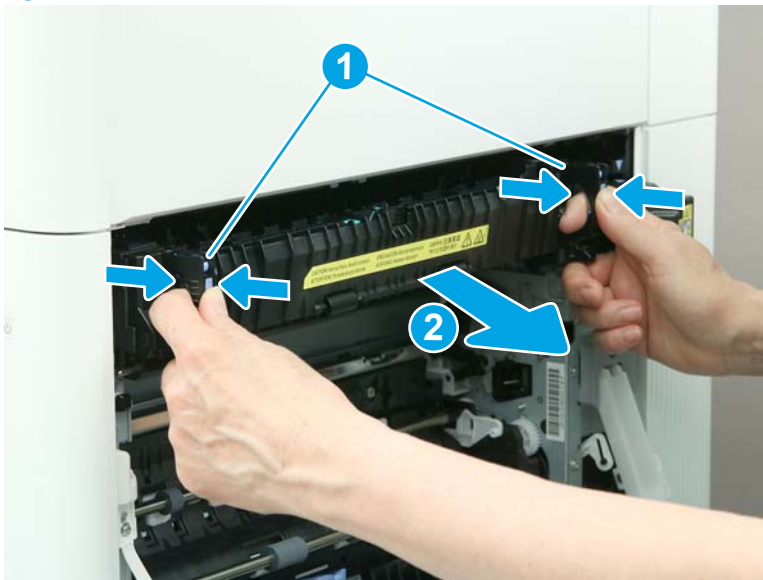
1. Remove the fuser.
  - a. Open the right door.

Figure 1-1087 Open the right door



- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

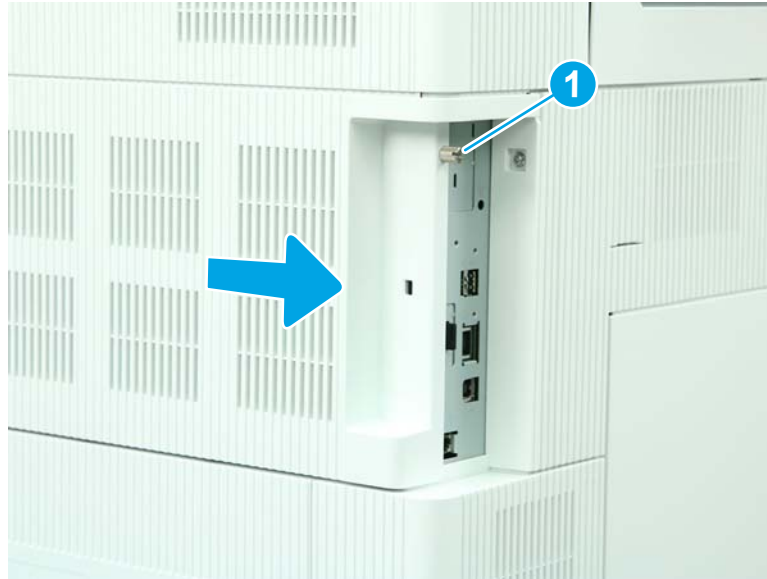
Figure 1-1088 Remove the fuser



2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

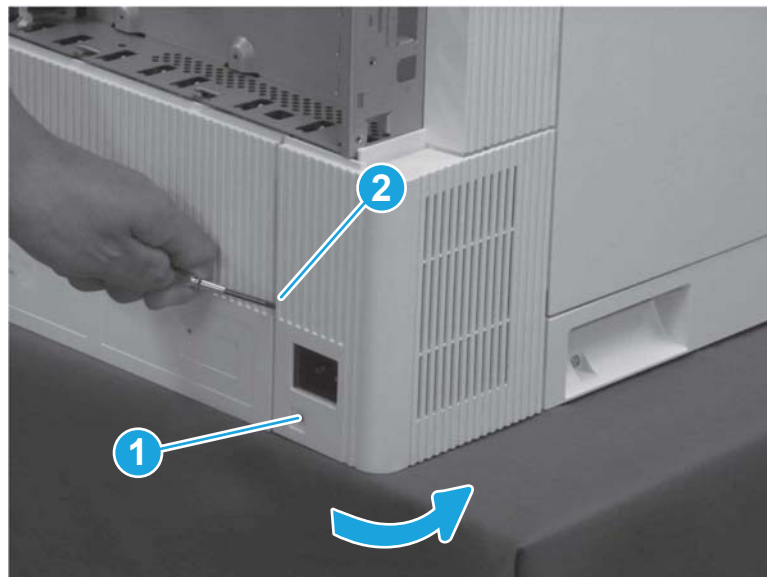


Figure 1-1089 Remove the formatter cover



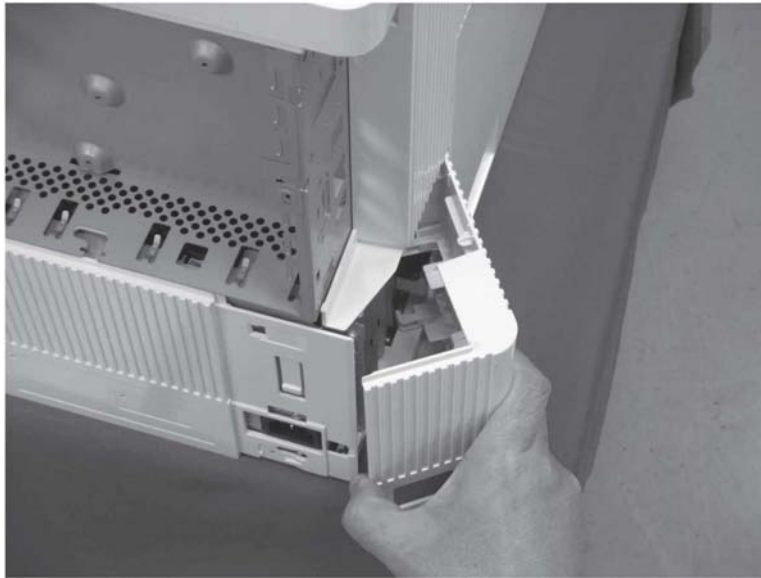
3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1090 Remove one screw and release one tab



- b. Remove the left lower cover.

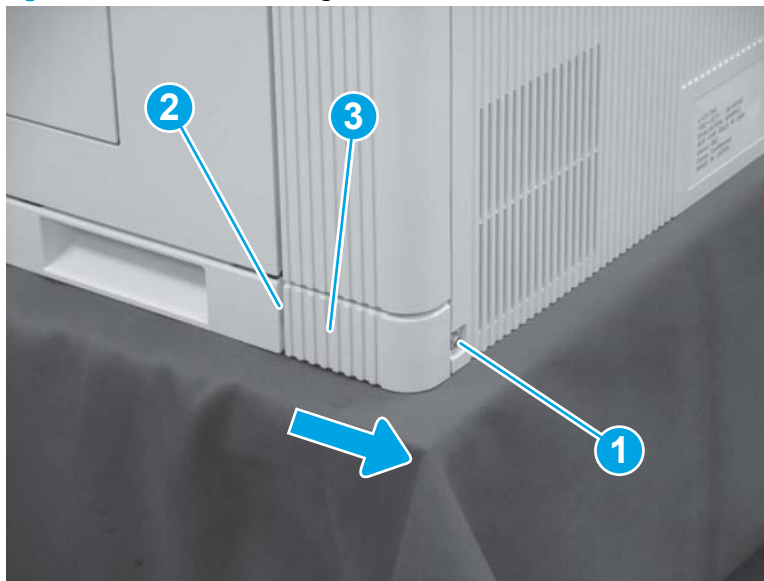
Figure 1-1091 Remove the left lower cover



4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

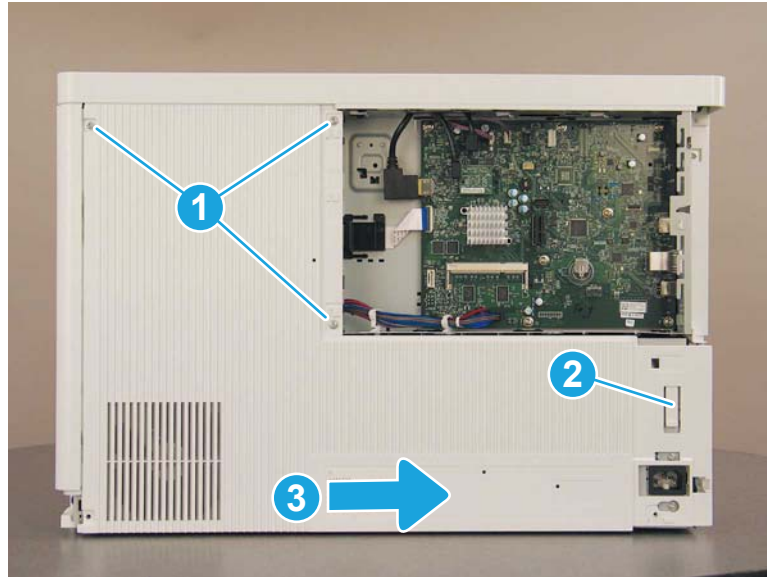
Figure 1-1092 Remove the right rear lower cover



5. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1093 Remove the rear cover

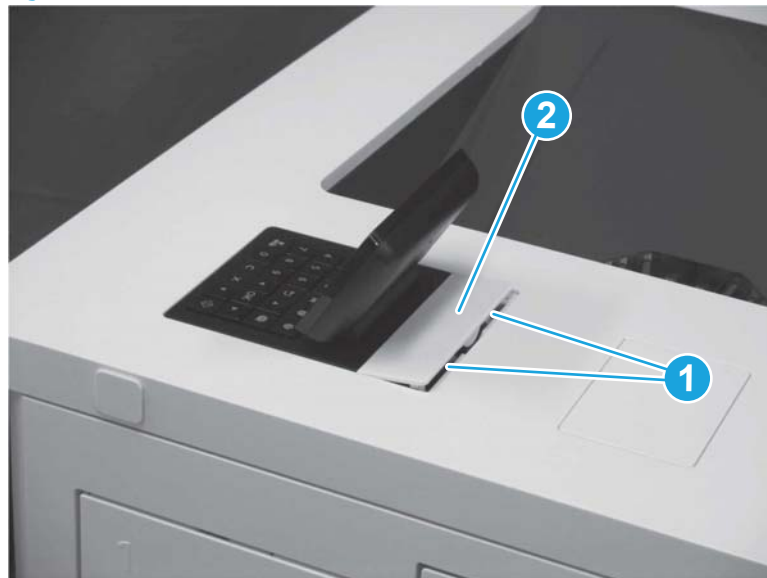


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1094 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1095 Remove one screw



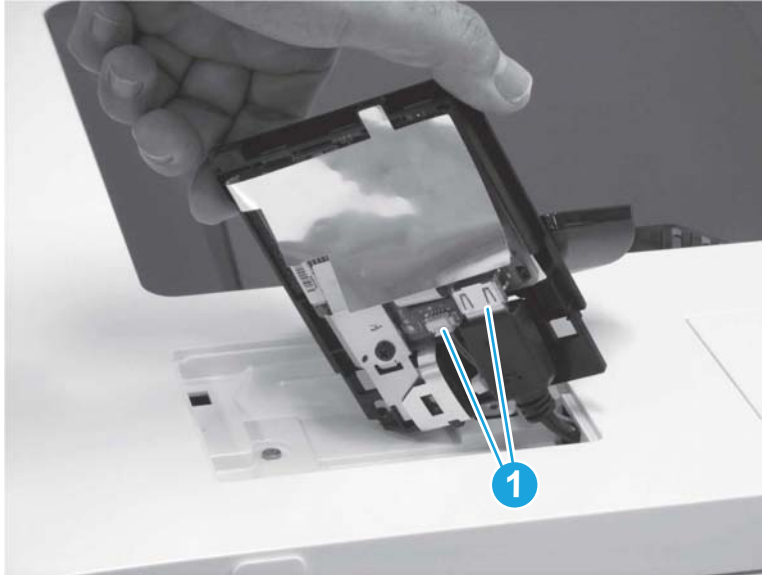
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1096 Slide the control panel back



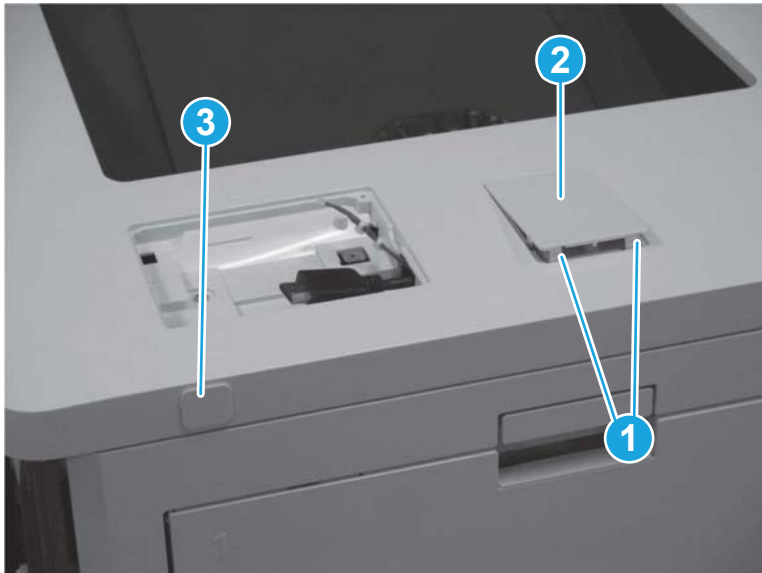
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1097** Disconnect two connectors



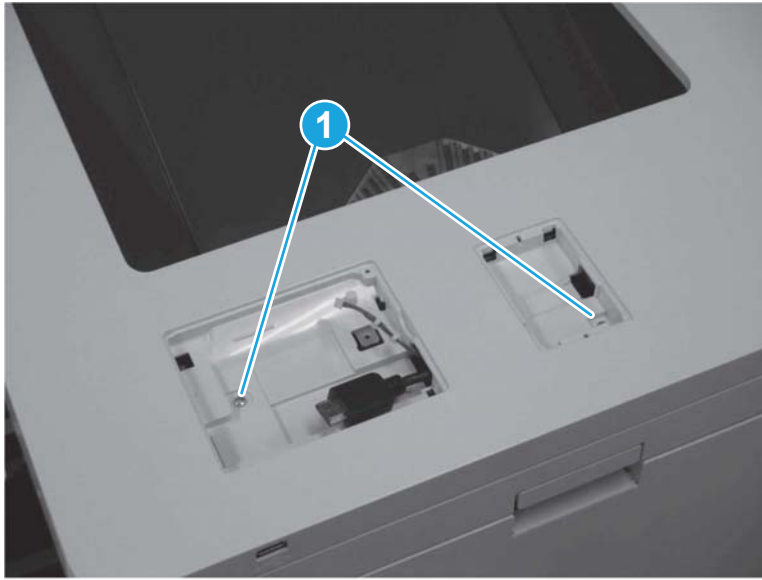
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

**Figure 1-1098** Remove the HIP cover and USB cap



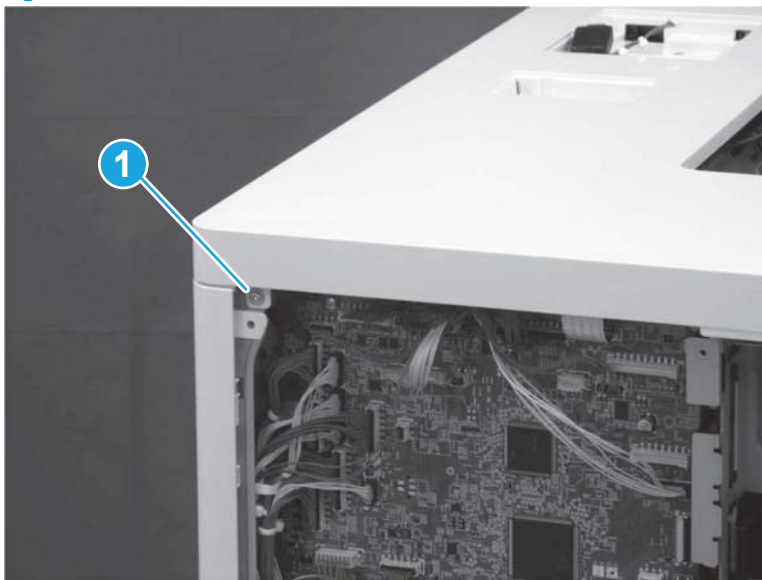
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1099 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1100 Remove one screw

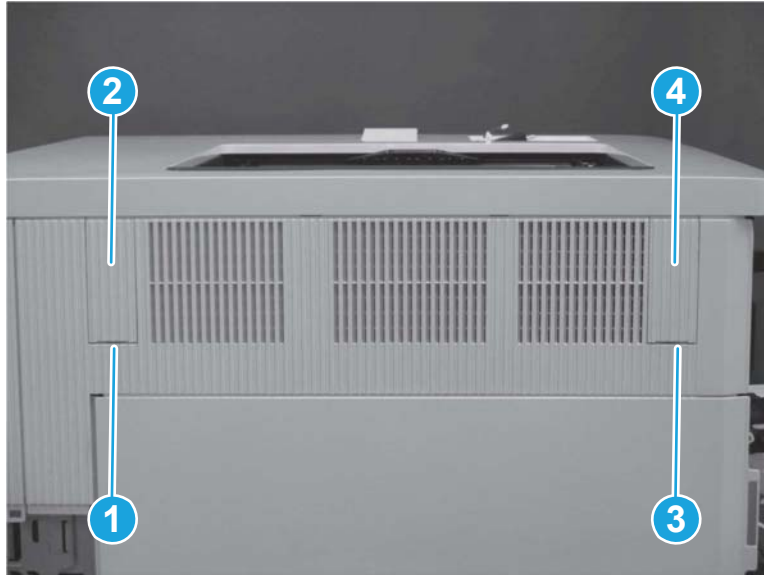


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

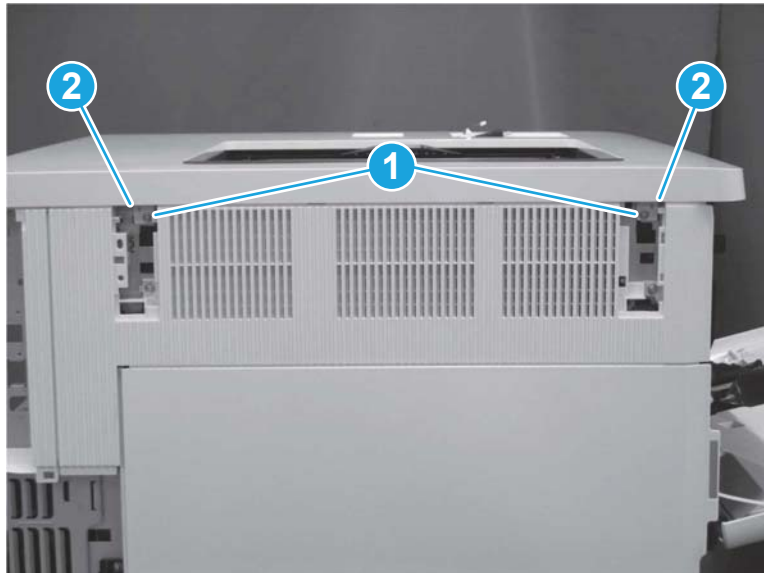
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-1101** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

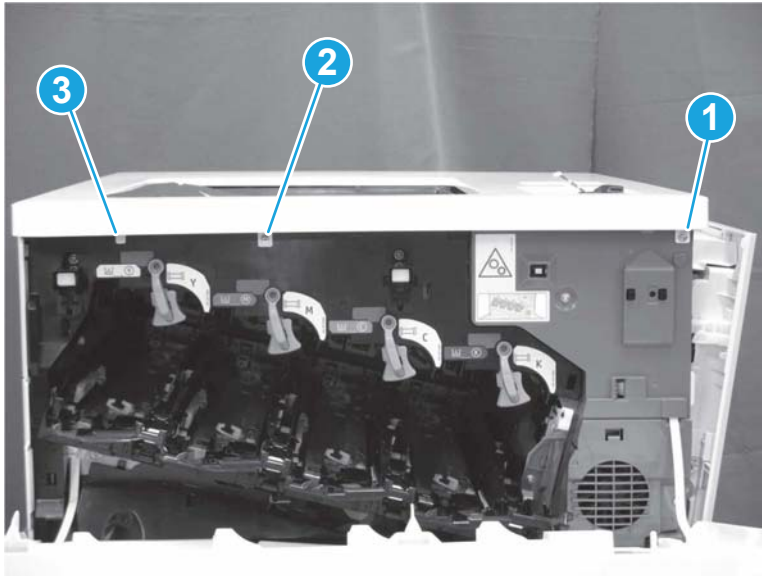
**Figure 1-1102** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

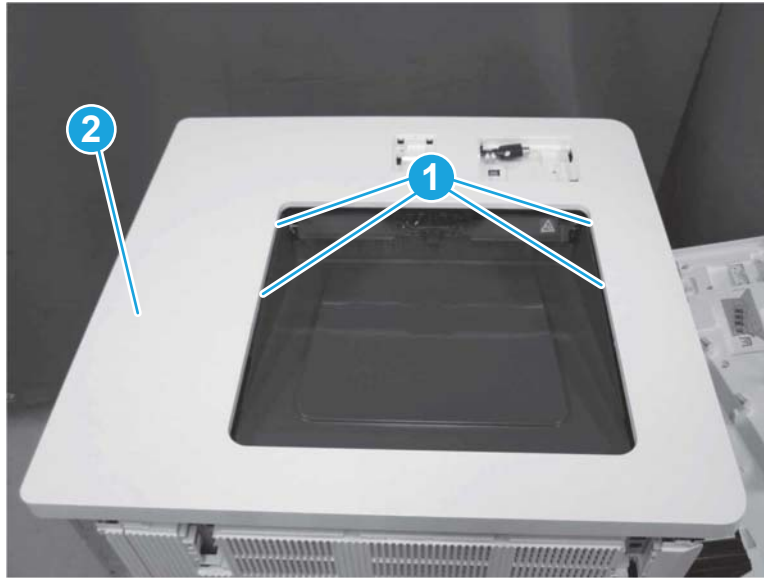
**Figure 1-1103** Remove two screws and release one tab




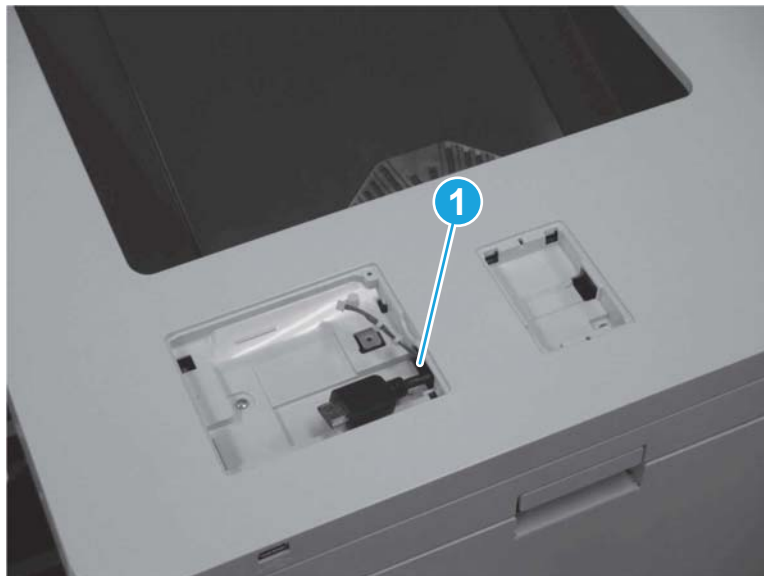


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-1104 Remove the top cover



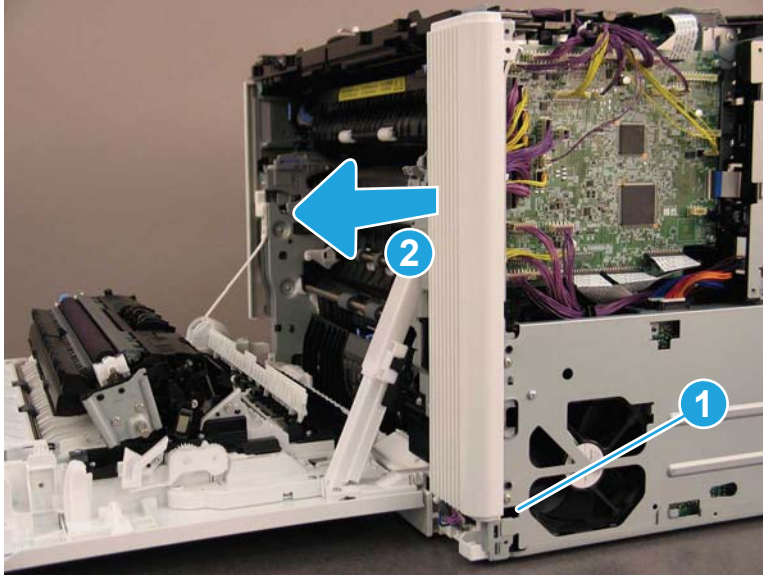
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the right rear cover (M751/E75245).

- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.


Figure 1-1105 Remove the right rear cover



9. Remove the output bin (M751/E75245).

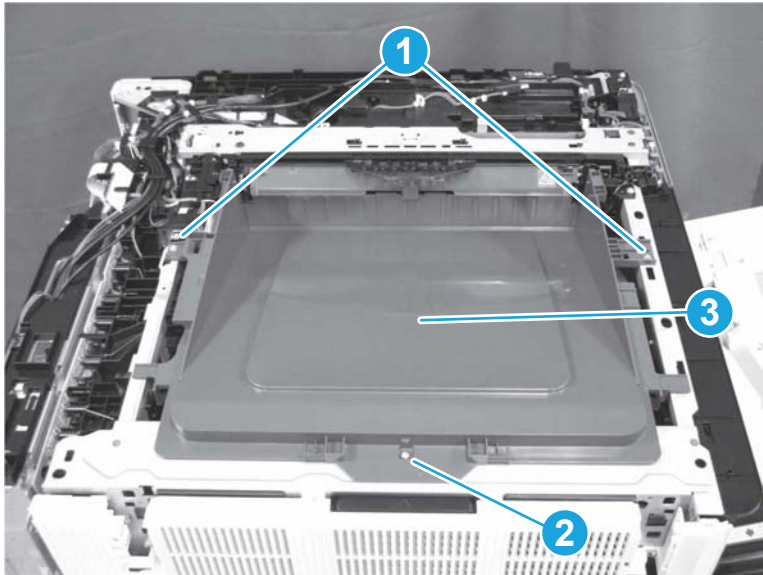
- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).

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 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

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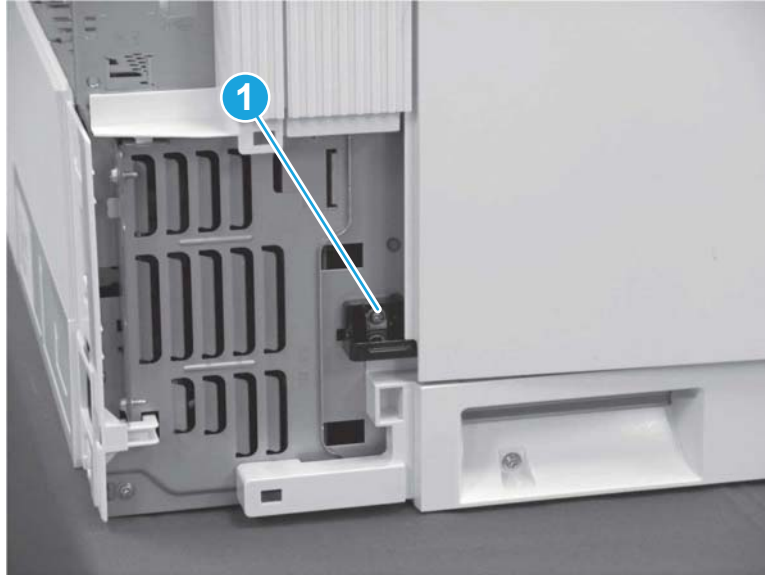
Figure 1-1106 Remove the output bin



10. Remove the left door.

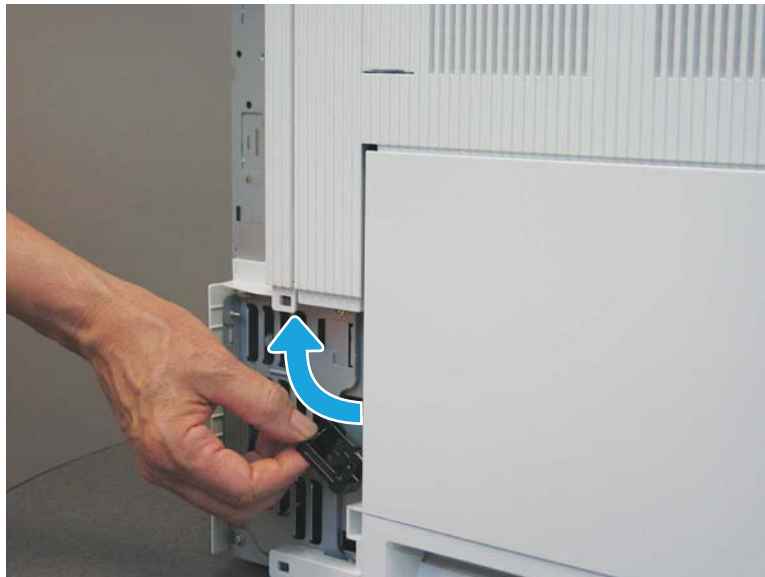
- a. Remove one screw (callout 1).

Figure 1-1107 Remove one screw



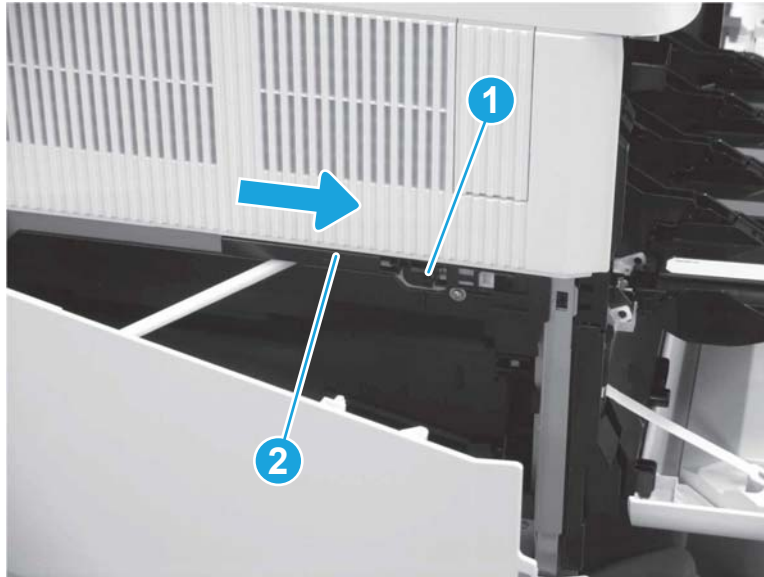
- b. Release the holder, and then remove it from the printer.

Figure 1-1108 Remove the holder



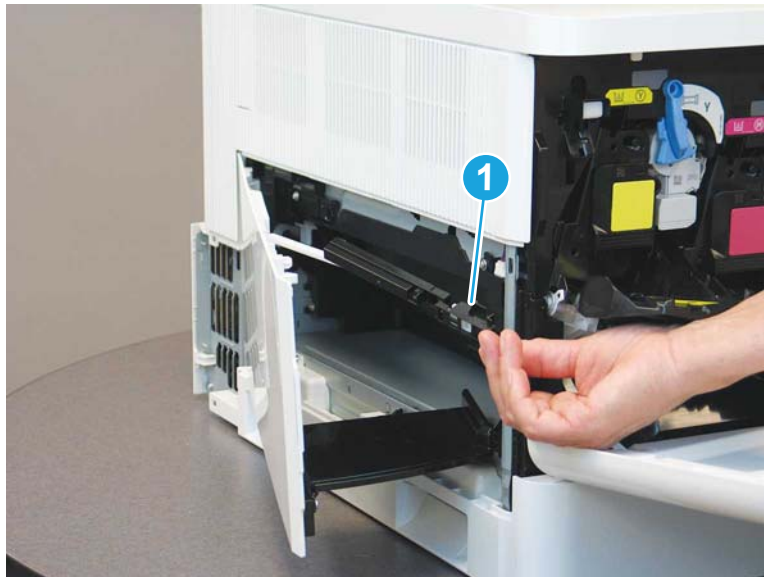
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-1109 Slide the holder



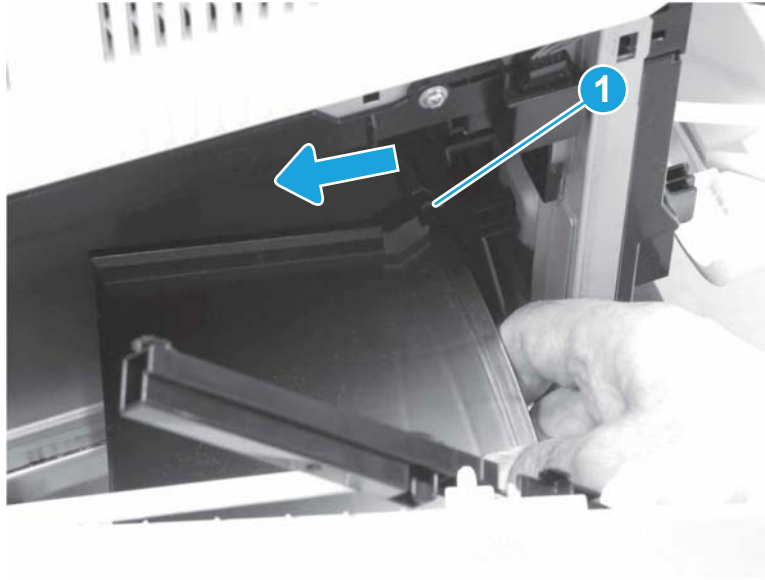
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-1110 Release the holder



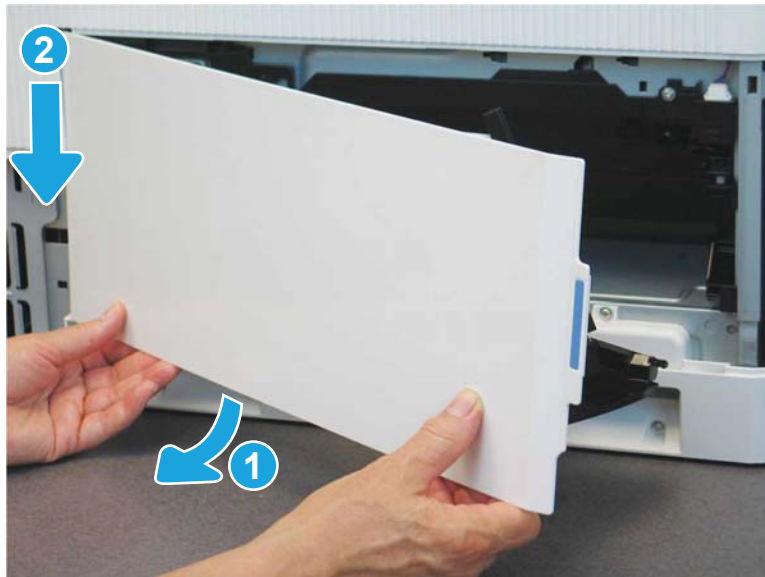
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-1111 Release the stopper



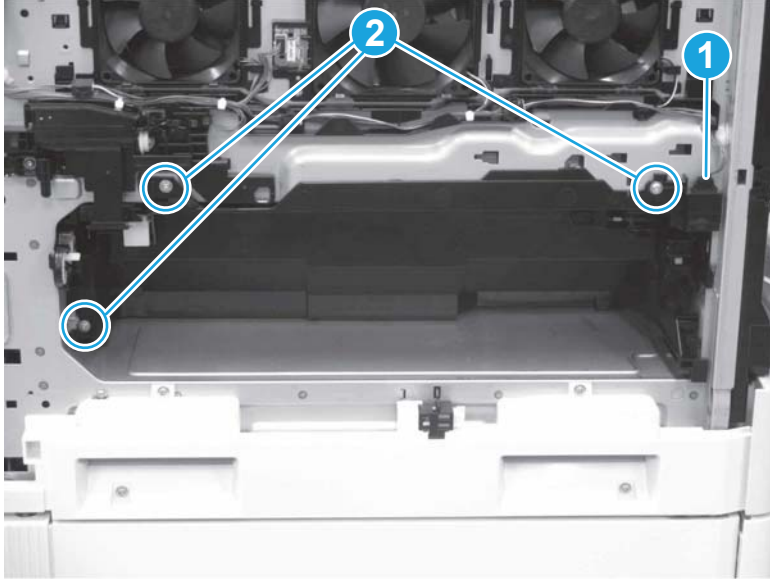
- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-1112 Remove the left door



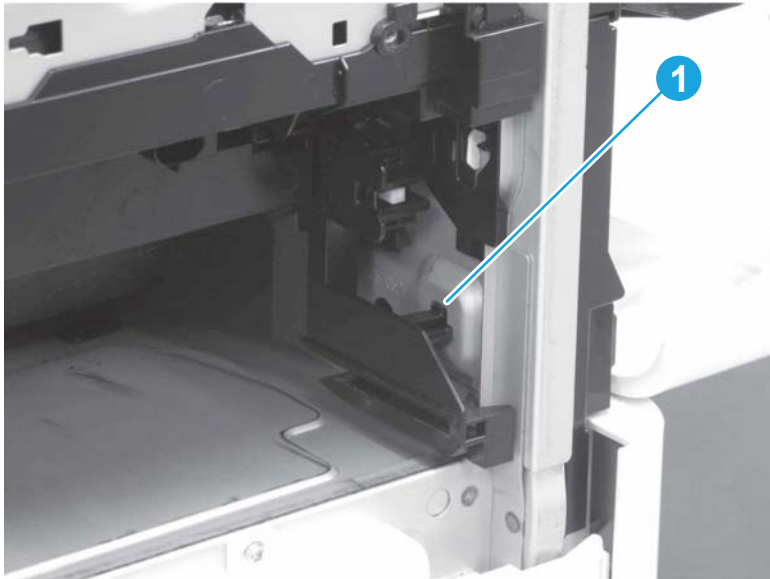
- 11. Remove the DT cartridge rail assembly (M751/E75245/M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

Figure 1-1113 Disconnect one connector and remove two screws



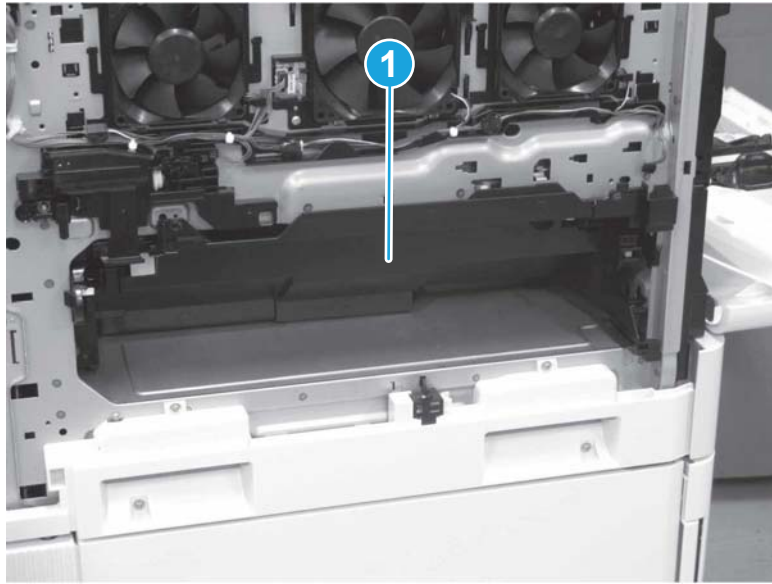
- b. Release one tab (callout 1).

Figure 1-1114 Release one tab



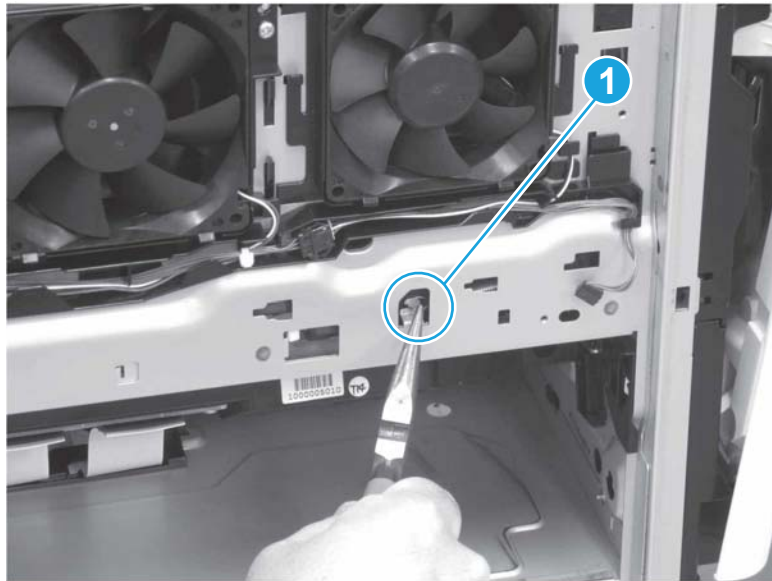
- c. Remove the scanner cover (callout 1).

Figure 1-1115 Remove the scanner cover



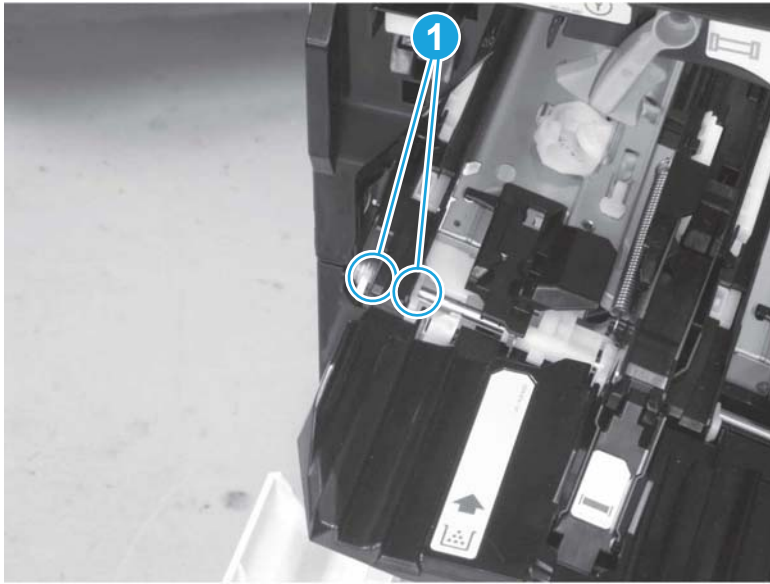
- d. Close the front door, and then unhook one spring (callout 1).

Figure 1-1116 Unhook one spring



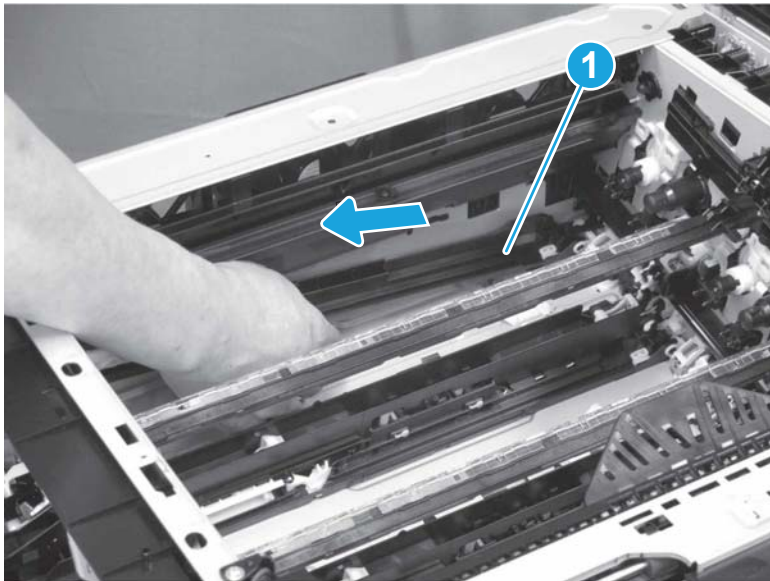
- e. Release two bosses (callout 1).

Figure 1-1117 Release two bosses



- f. Pull the DT cartridge rail assembly (callout 1) toward the front of the printer about 2 cm (0.79 in).

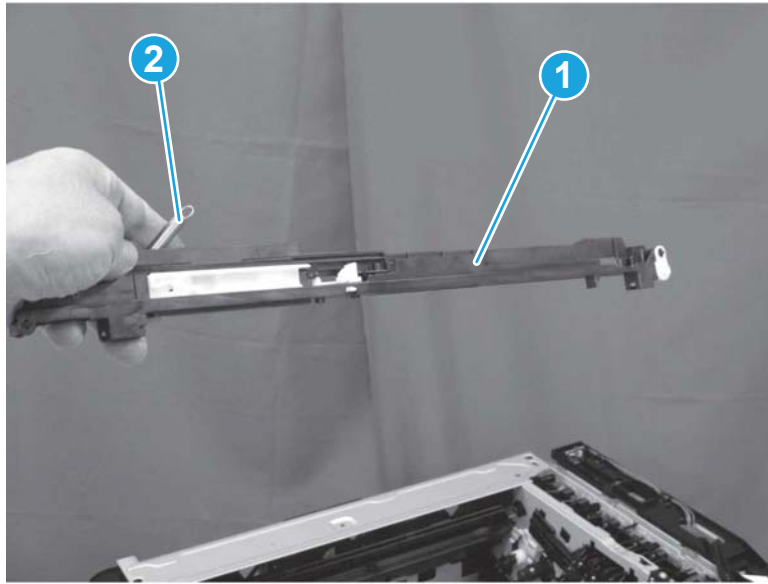
Figure 1-1118 Pull the DT cartridge rail assembly





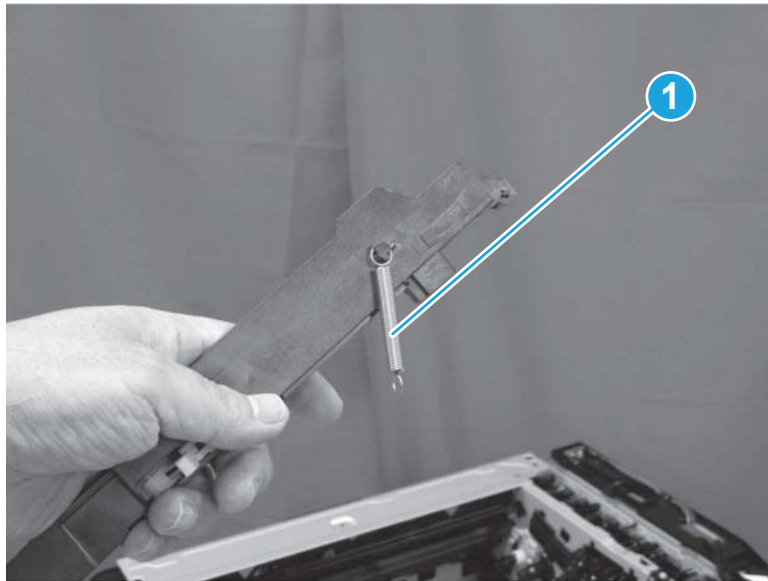
- g.** Remove the DT cartridge assembly (callout 1) and the spring (callout 2) together.

**Figure 1-1119** Remove the DT cartridge assembly and spring




- h.** Remove the spring (callout 1).

**Figure 1-1120** Remove the spring



- 12.** Unpack the replacement assembly.
  - a.** Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

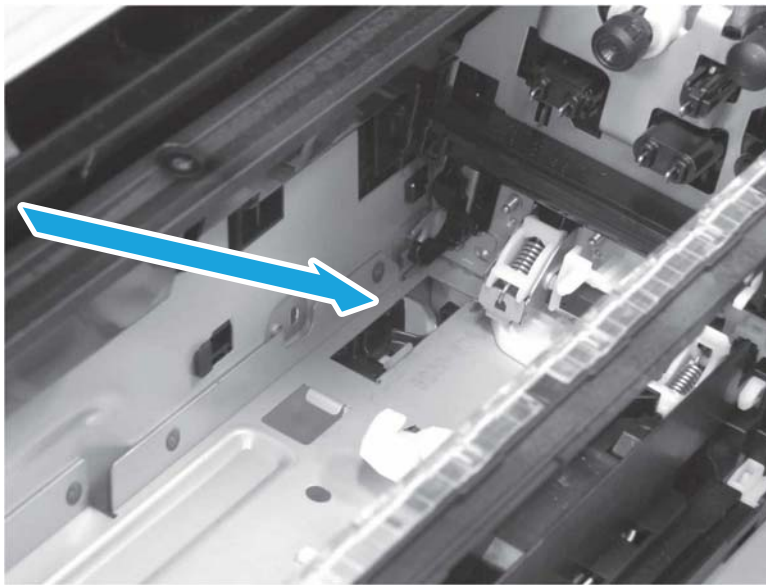
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13. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the DT cartridge rail assembly.**

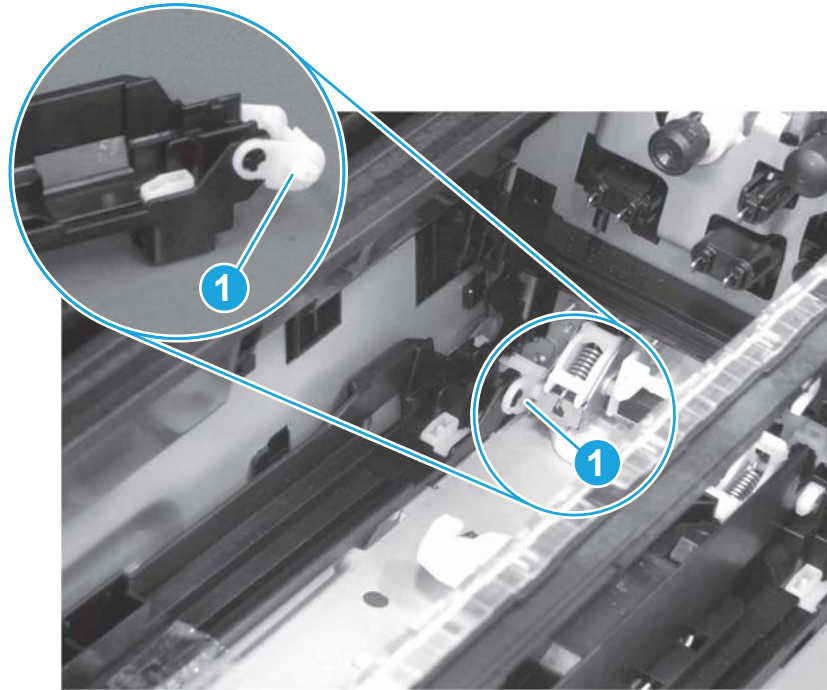
1. Slide the DT-cartridge rail assembly into position.

**Figure 1-1121** Position the DT-cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



2. Make sure that the link arm (callout 1) is correctly positioned. If this part is positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1122** Check the link arm position (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



### Removal and replacement: DT-cartridge rail assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the DT cartridge rail assembly.

Mean time to repair: 25 minutes

Service level: Hard

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-67** Part information

Part number	Part description
RM2-2479-000CN	DT cartridge rail assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

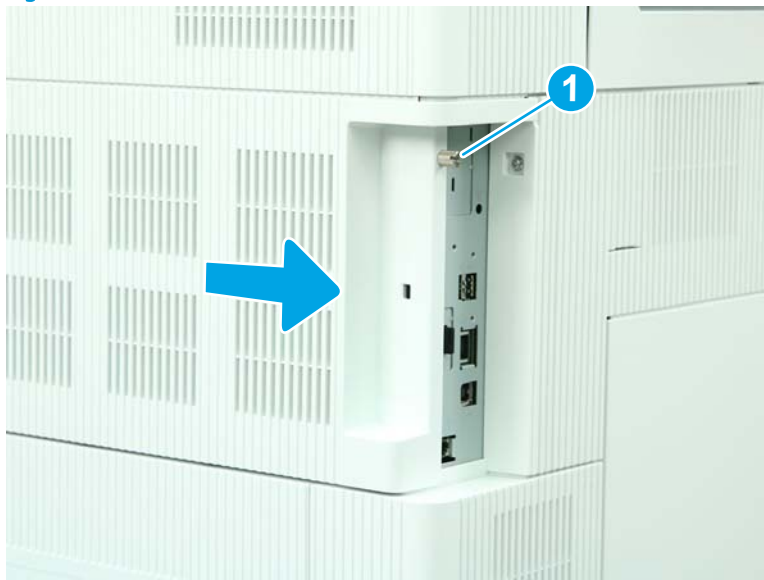
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

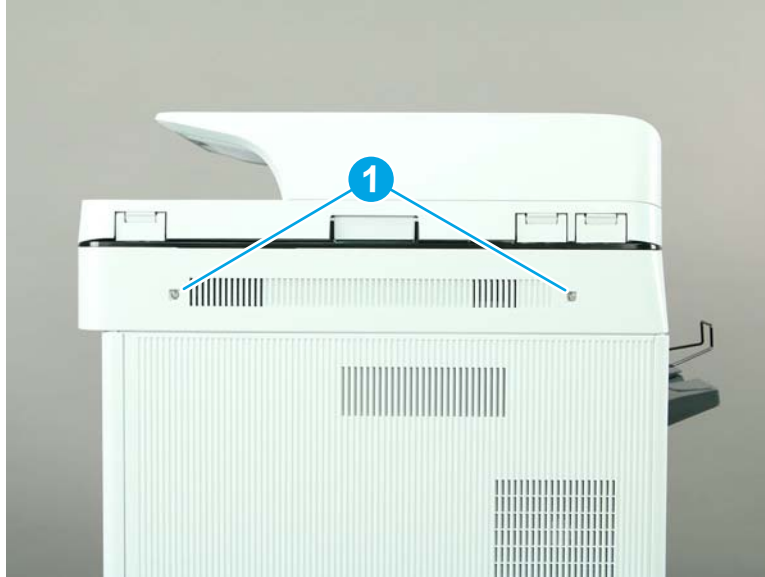
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1123** Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1124 Remove two screws



- b. Remove the SCB cover.

Figure 1-1125 Remove the SCB cover

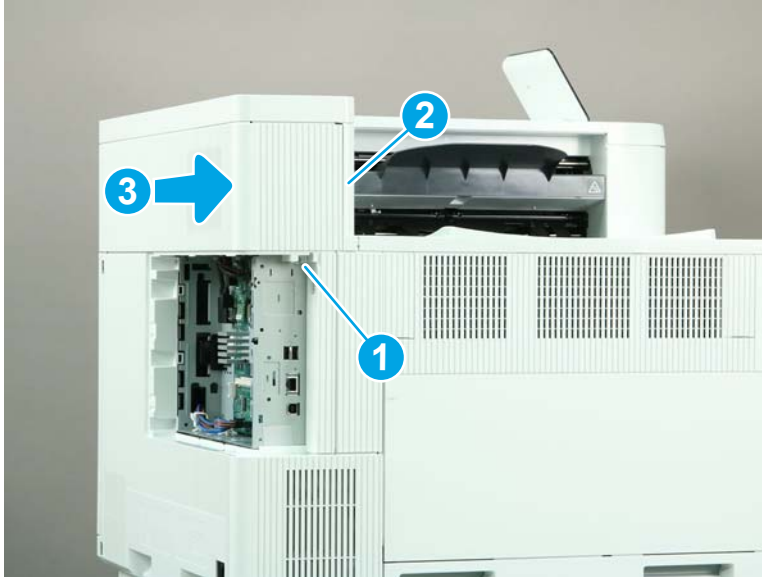


3. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-1126 Remove the rear upper cover

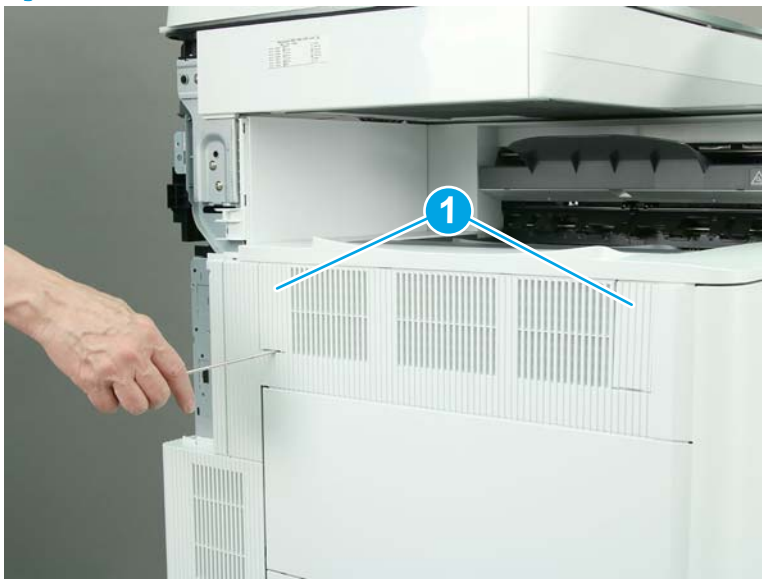


4. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

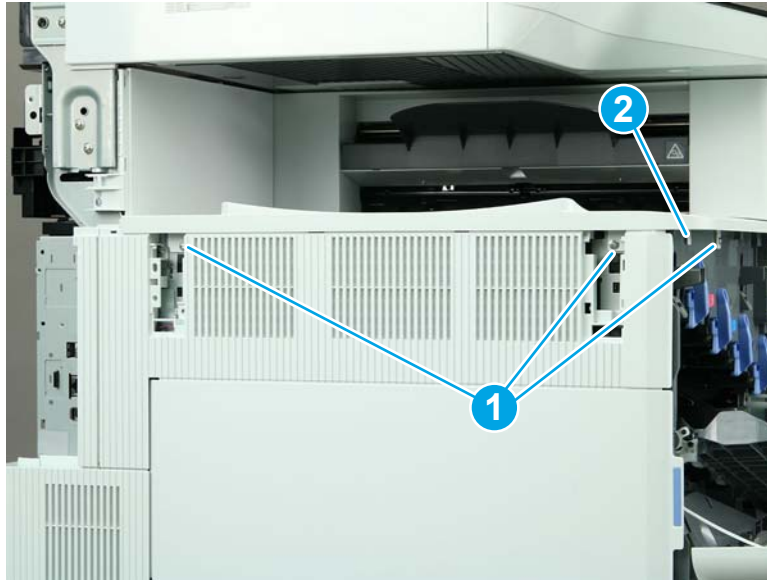
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-1127 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

**Figure 1-1128** Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-1129** Remove the accessory upper cover

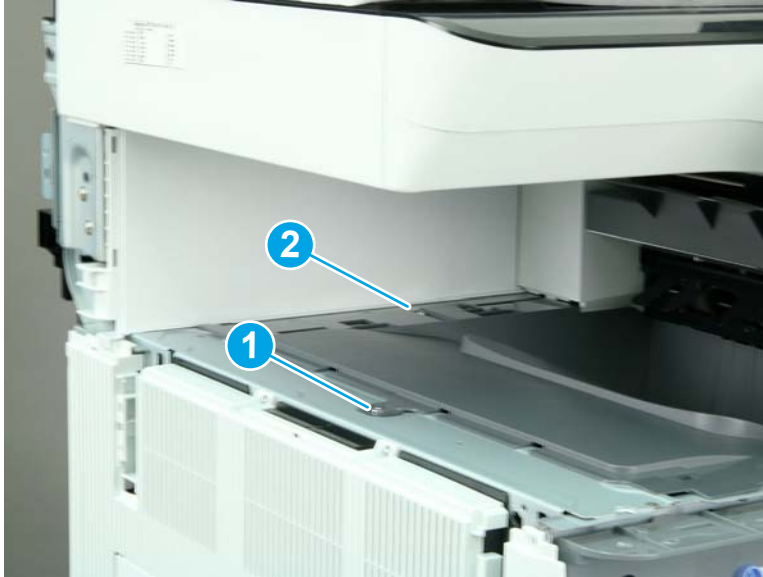


- 5. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-1130 Remove two screws



- b. Remove the output bin.

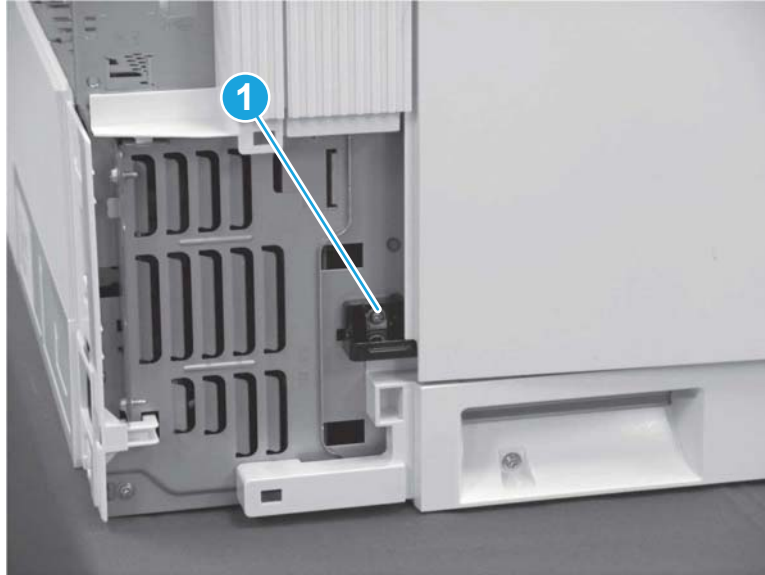
Figure 1-1131 Remove the output bin



- 6. Remove the left door.
  - a. Remove one screw (callout 1).



Figure 1-1132 Remove one screw



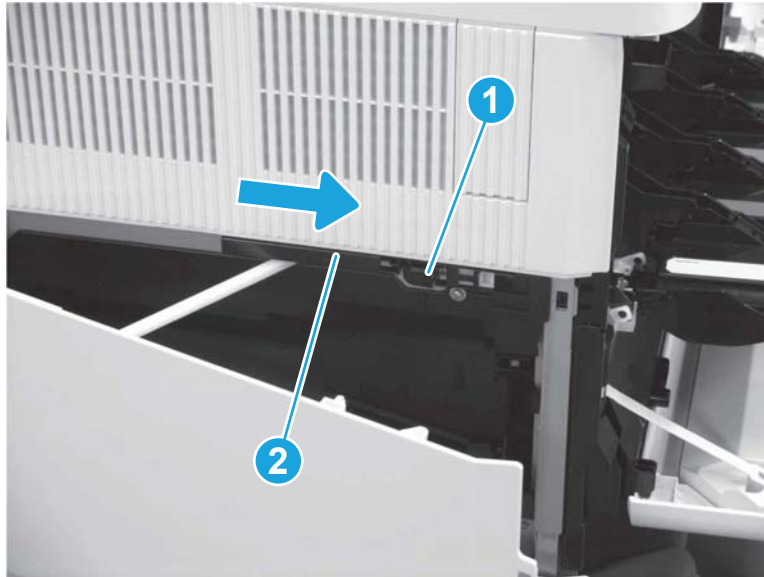
- b. Release the holder, and then remove it from the printer.

Figure 1-1133 Remove the holder



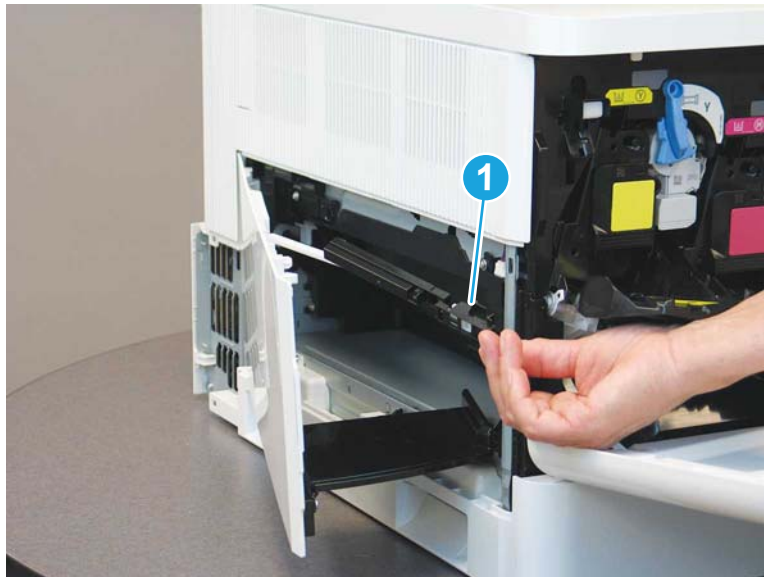
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-1134 Slide the holder



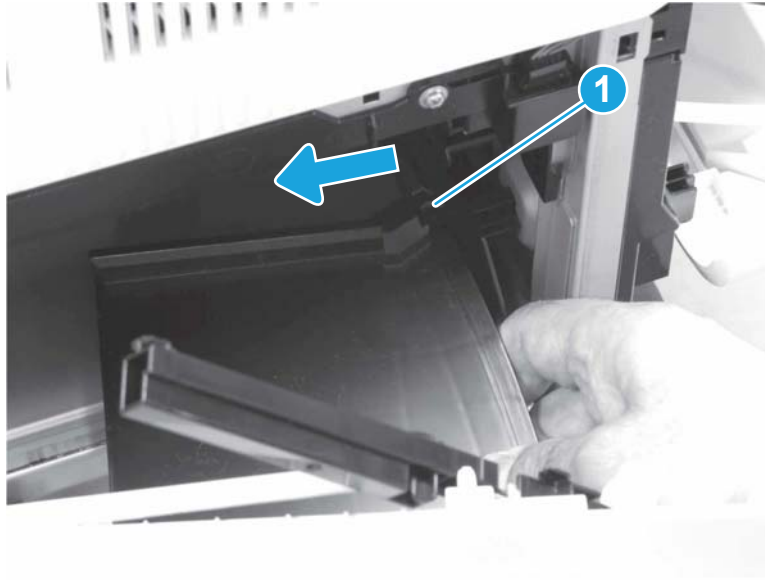
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-1135 Release the holder



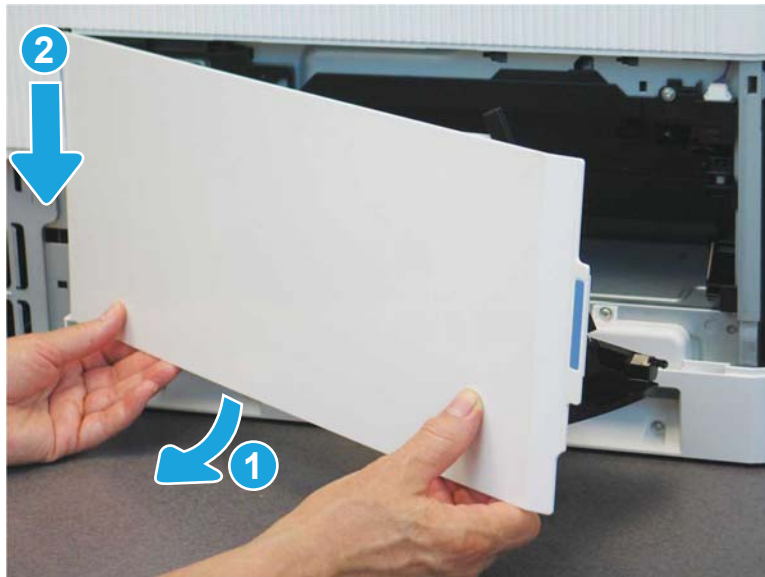
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-1136 Release the stopper



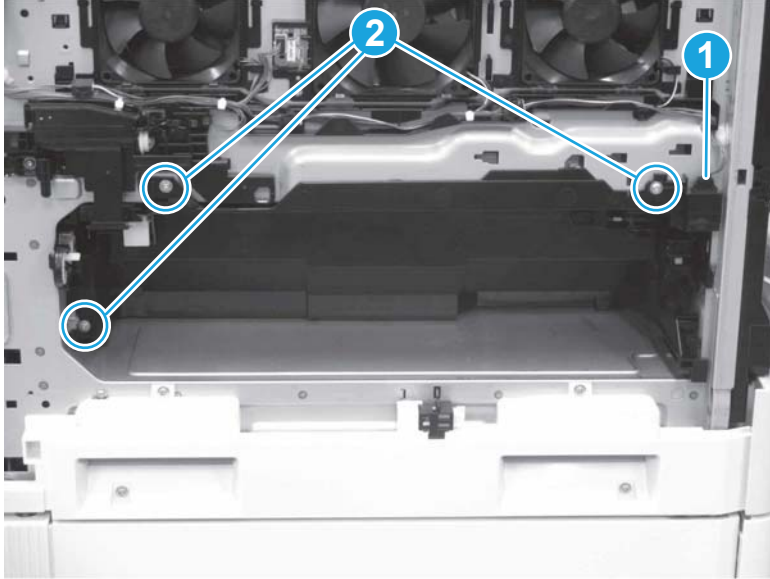
- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-1137 Remove the left door



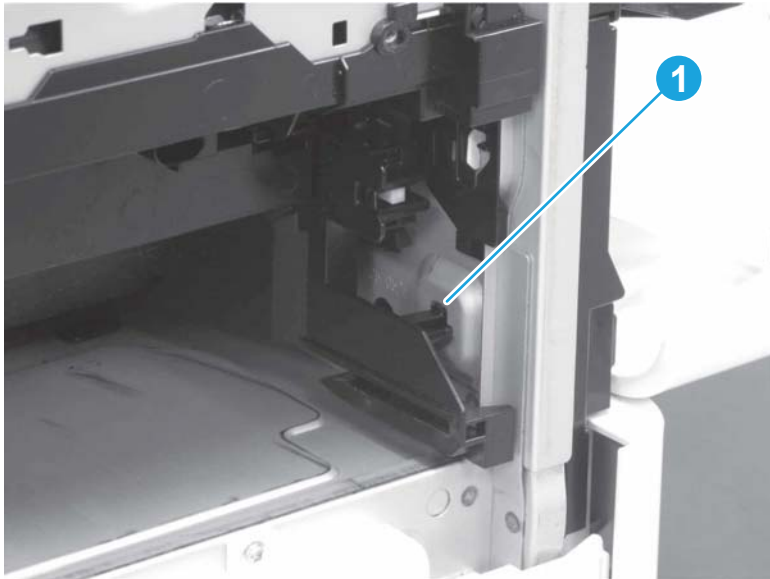
- 7. Remove the DT cartridge rail assembly (M751/E75245/M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

Figure 1-1138 Disconnect one connector and remove two screws



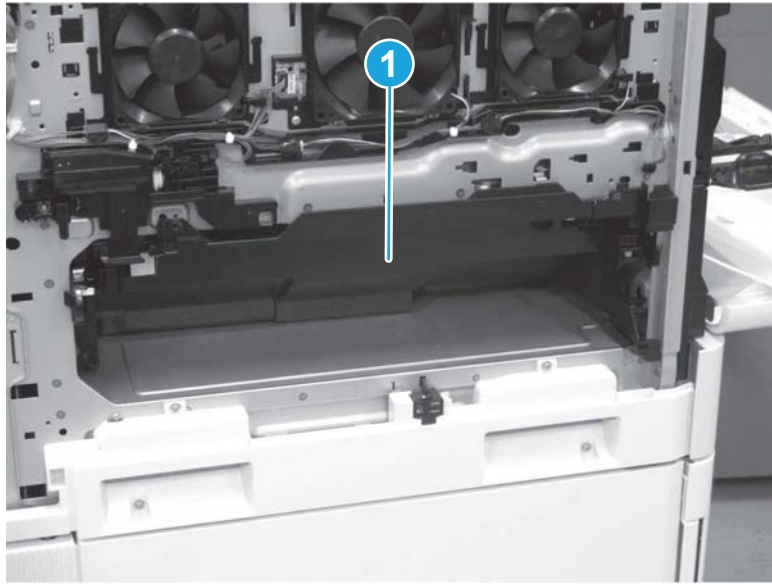
- b. Release one tab (callout 1).

Figure 1-1139 Release one tab



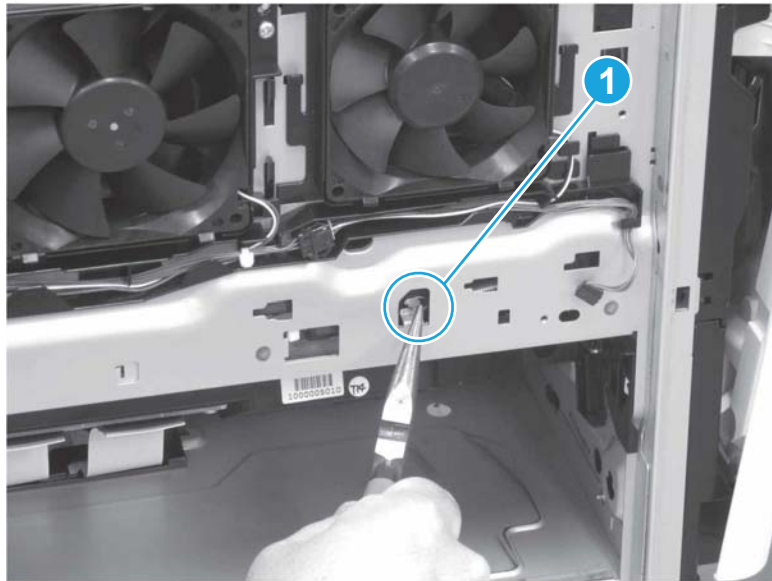
- c. Remove the scanner cover (callout 1).

Figure 1-1140 Remove the scanner cover



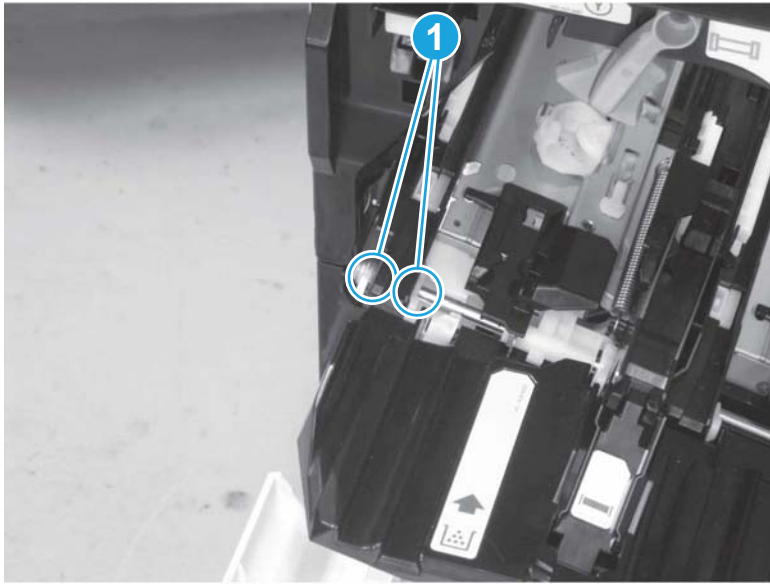
- d. Close the front door, and then unhook one spring (callout 1).

Figure 1-1141 Unhook one spring



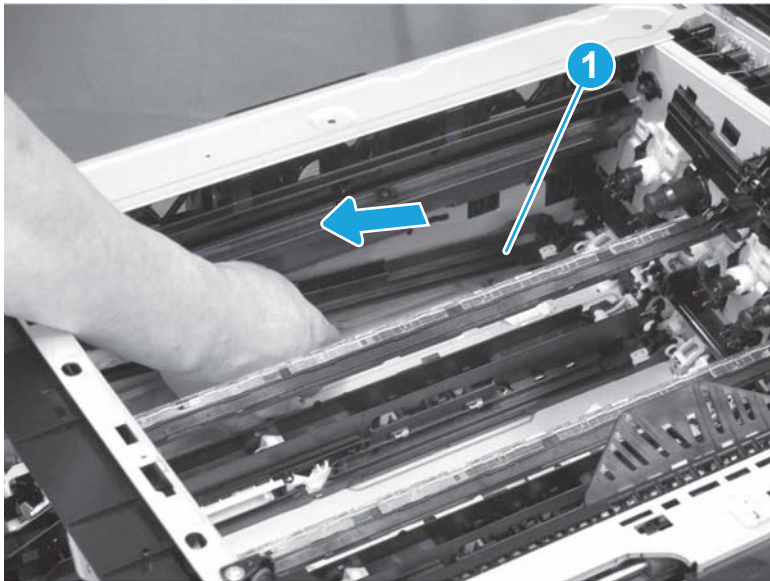
- e. Release two bosses (callout 1).

Figure 1-1142 Release two bosses



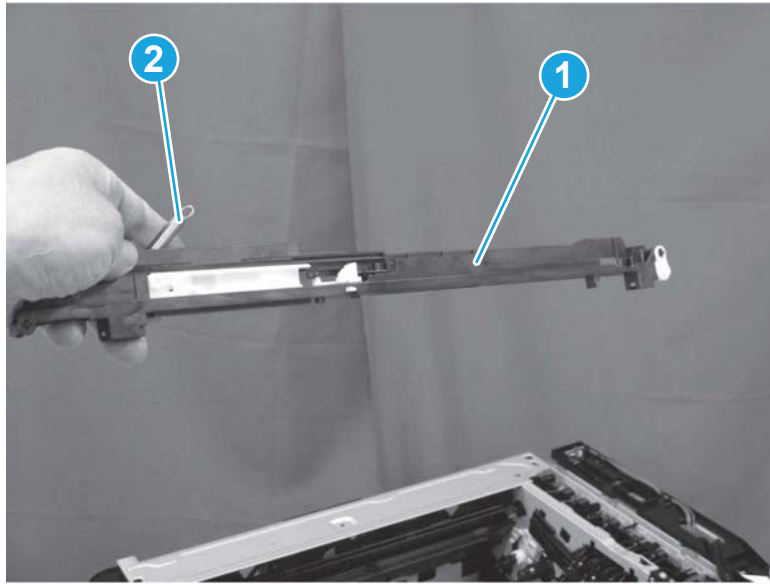
- f. Pull the DT cartridge rail assembly (callout 1) toward the front of the printer about 2 cm (0.79 in).

Figure 1-1143 Pull the DT cartridge rail assembly



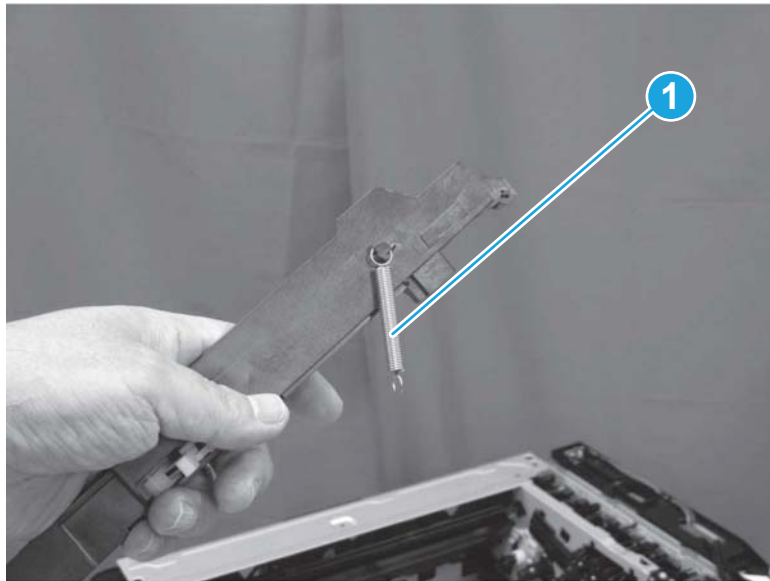
- g.** Remove the DT cartridge assembly (callout 1) and the spring (callout 2) together.

**Figure 1-1144** Remove the DT cartridge assembly and spring




- h.** Remove the spring (callout 1).

**Figure 1-1145** Remove the spring



- 8.** Unpack the replacement assembly.
  - a.** Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

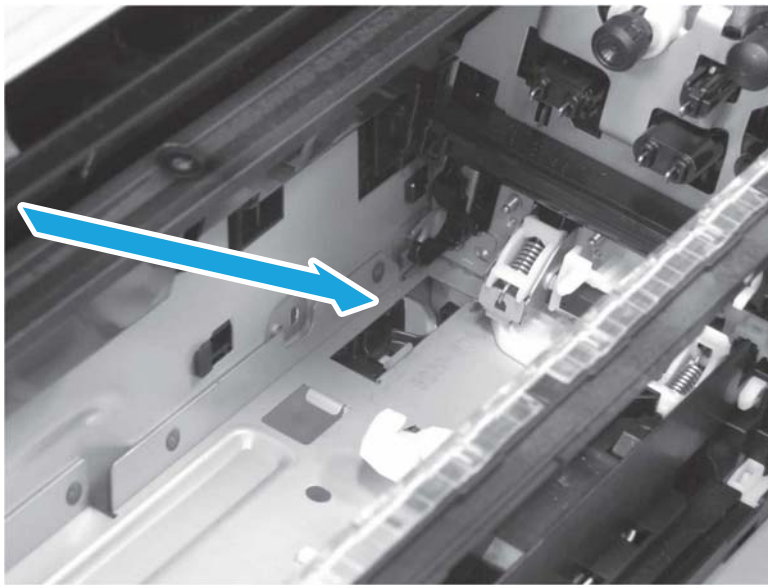
---

9. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the DT cartridge rail assembly.

1. Slide the DT-cartridge rail assembly into position.

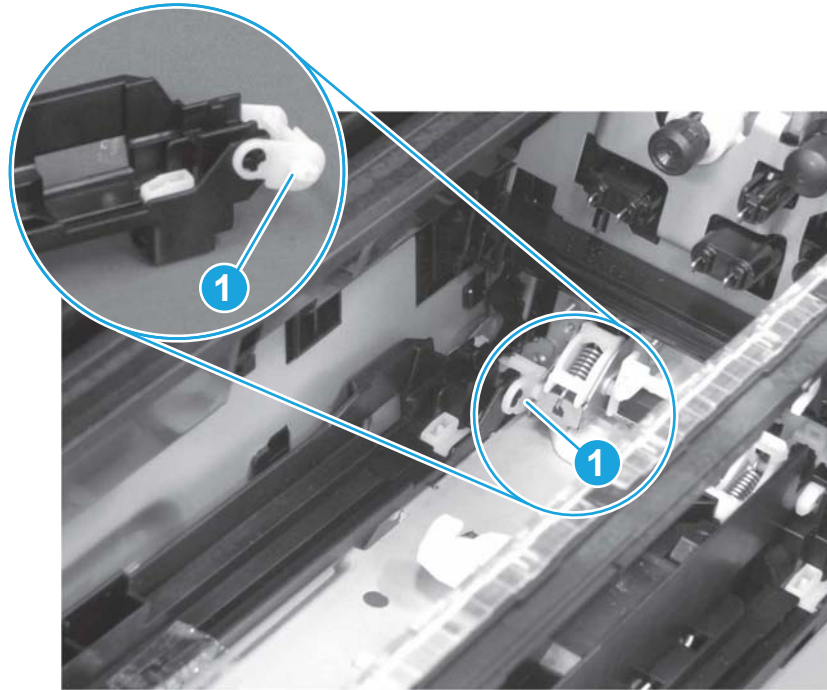
**Figure 1-1146** Position the DT-cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)





2. Make sure that the link arm (callout 1) is correctly positioned. If this part is positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1147** Check the link arm position (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



### Removal and replacement: DT-cartridge rail assembly (M776zs)

Learn how to remove and replace the DT cartridge rail assembly.

Mean time to repair: 25 minutes

Service level: Hard

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-68** Part information

Part number	Part description
RM2-2479-000CN	DT cartridge rail assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

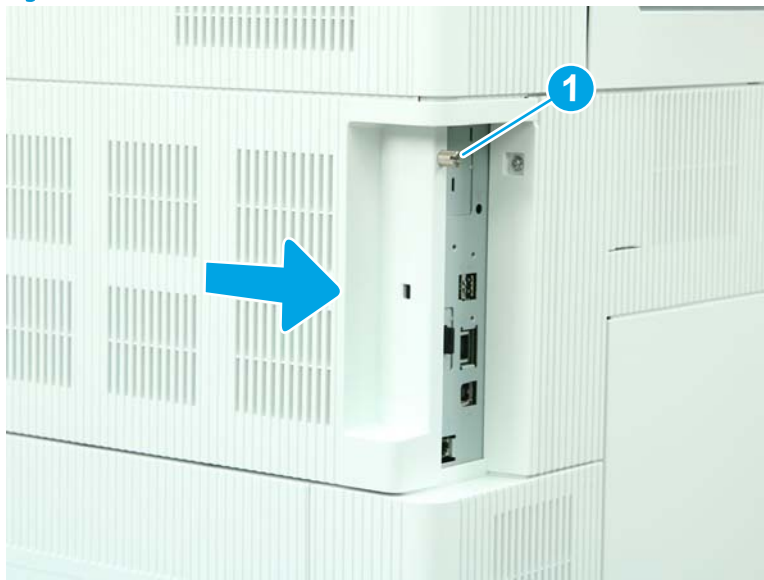
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

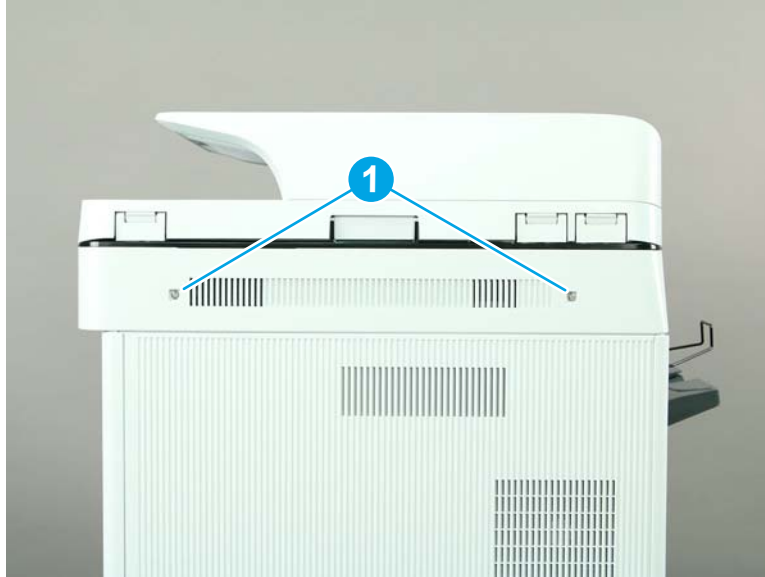
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1148** Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1149 Remove two screws



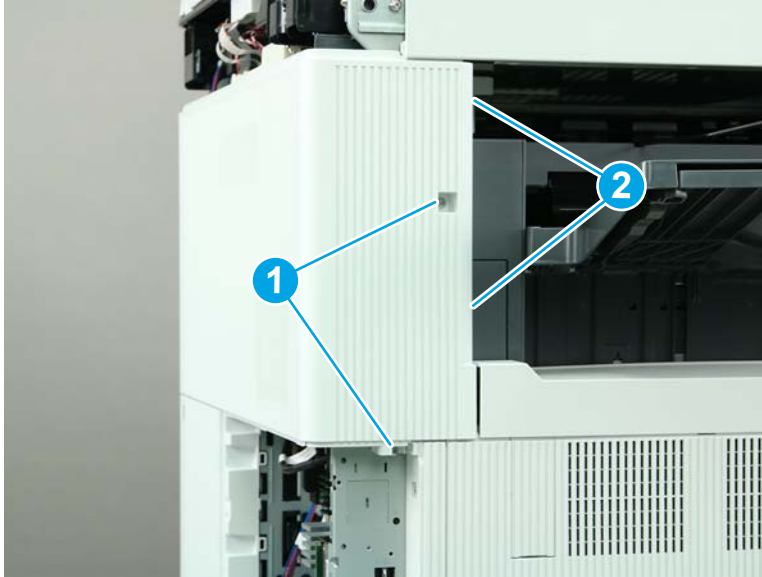
- b. Remove the SCB cover.

Figure 1-1150 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1151 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-1152 Remove the rear upper and left rear upper cover



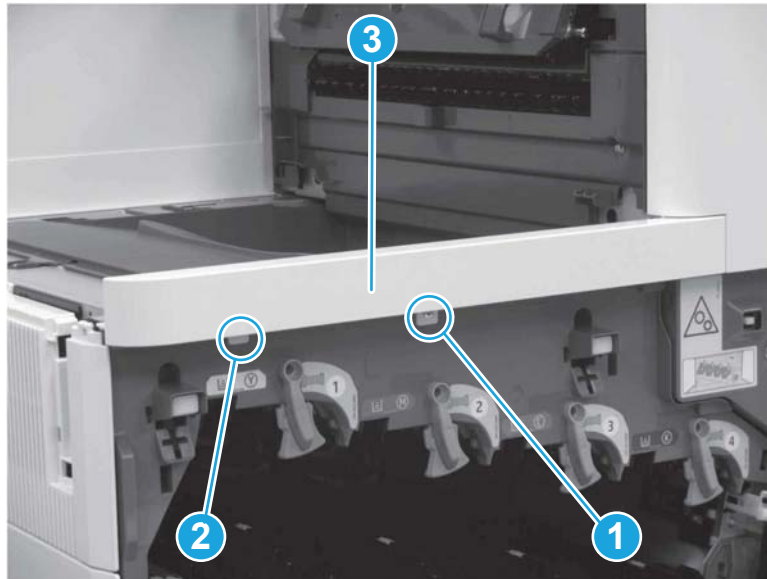
- 4. Remove the front cover (M776zs).
  - a. Open the front door.

Figure 1-1153 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-1154 Remove the front cover



5. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-1155 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

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 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

---

Figure 1-1156 Release the control panel cover



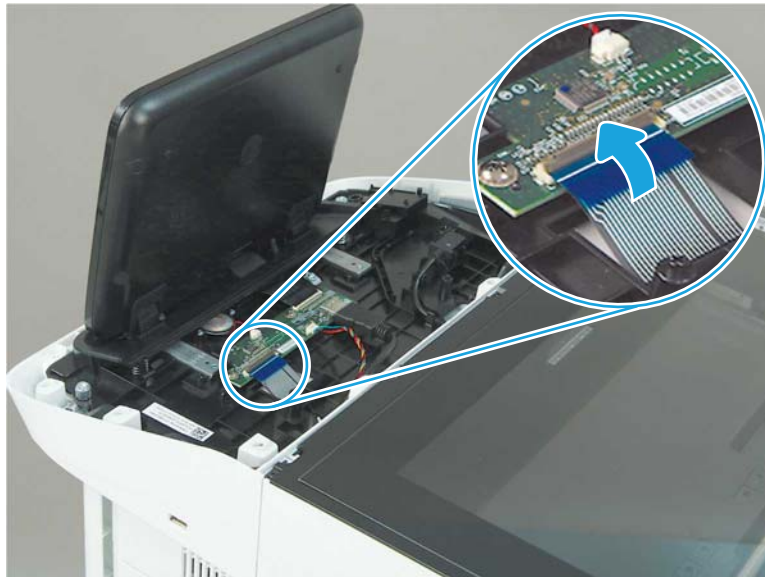
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-1157 Remove the control panel cover



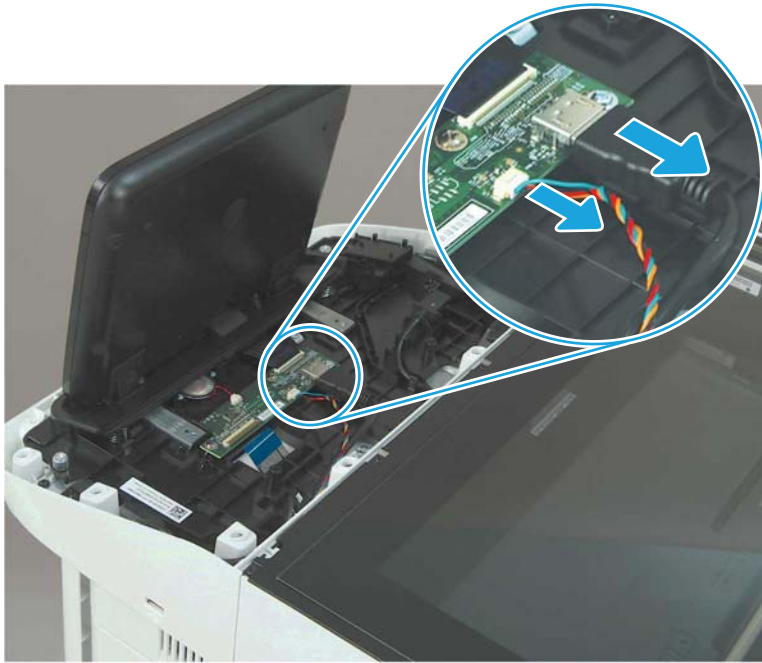
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-1158 Release the keyboard flat cable (M776z/M776zs)



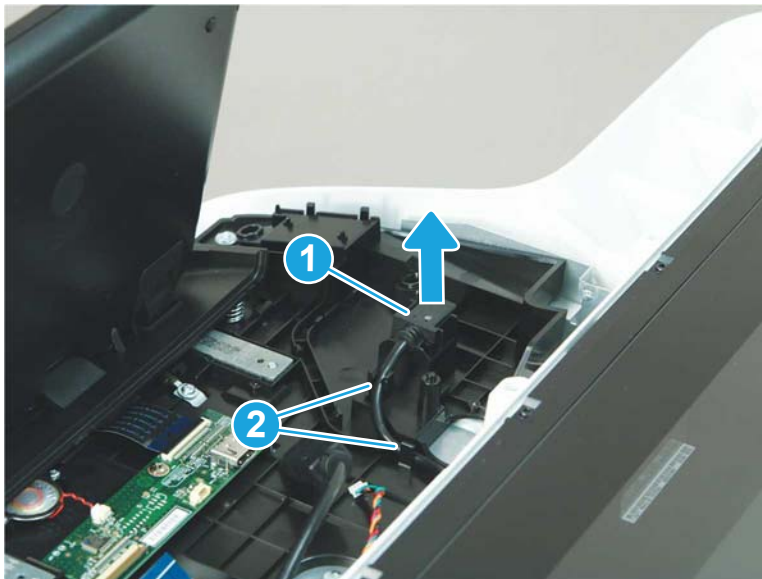
- e. Disconnect two connectors

Figure 1-1159 Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-1160 Release the USB cable





- g.** Remove three screws (callout 1).

**Figure 1-1161** Remove three screws



- h.** Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

**Figure 1-1162** Remove the control panel



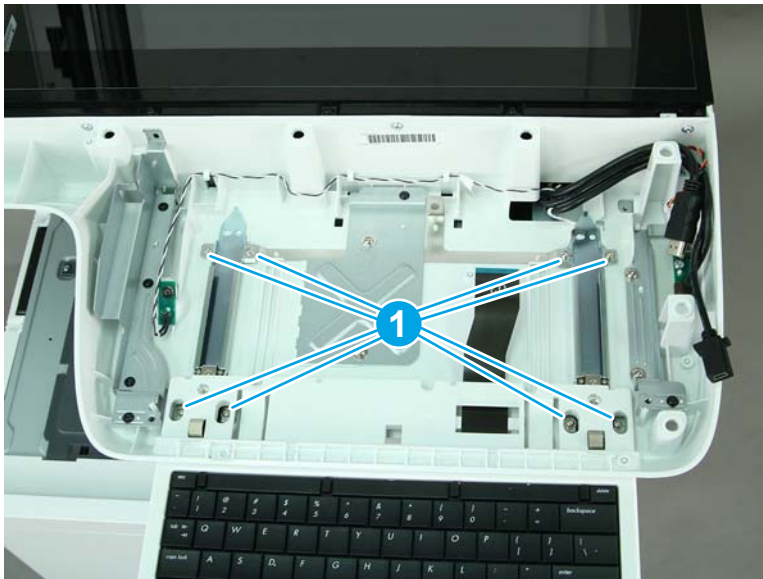
- 6.** Remove the keyboard (M776z/M776zs).
  - a.** Pull the keyboard out to its extended position.

Figure 1-1163 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-1164 Remove eight screws



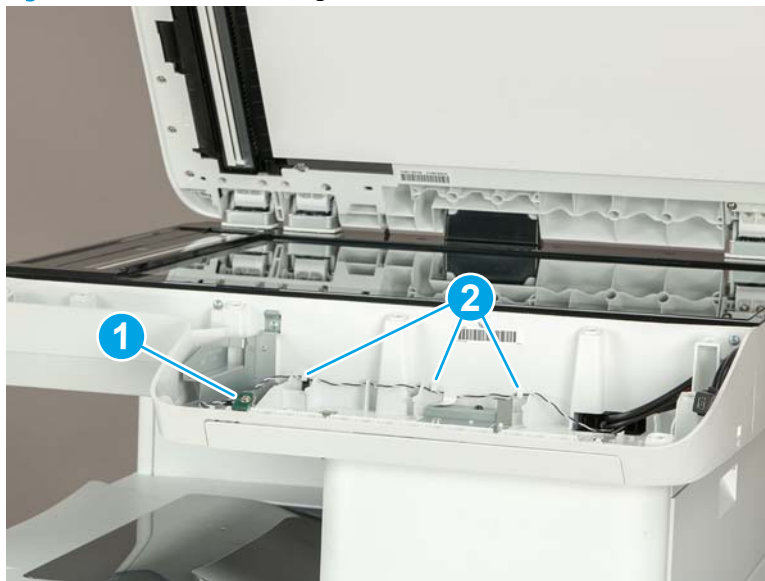
- c. Remove the keyboard and rails.

**Figure 1-1165** Remove the keyboard and rails



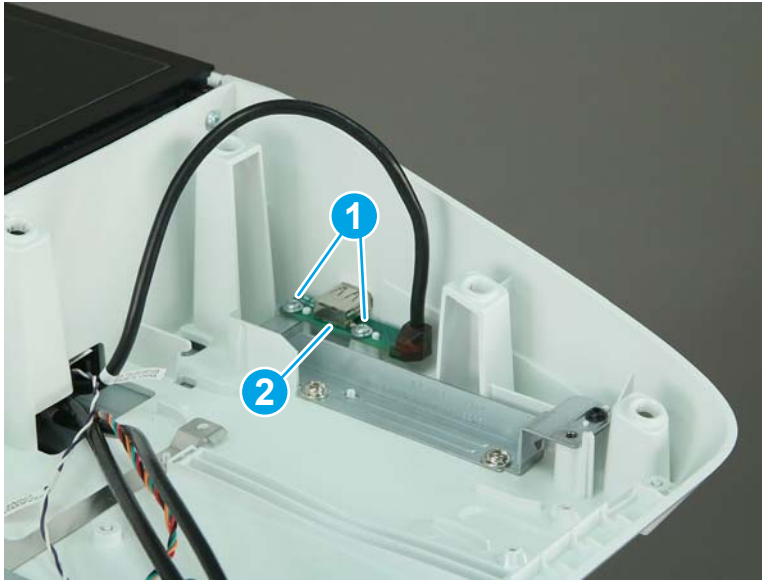
- 7. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

**Figure 1-1166** Release the light PCA



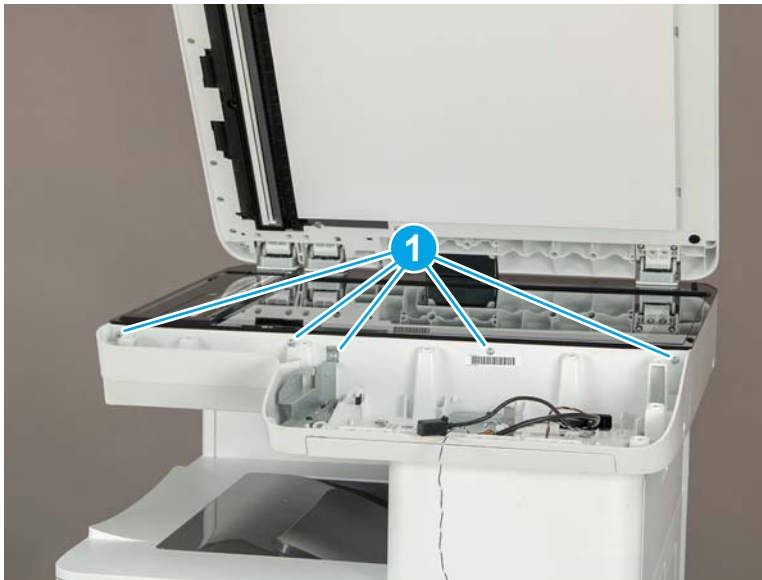
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-1167 Release the USB port PCA



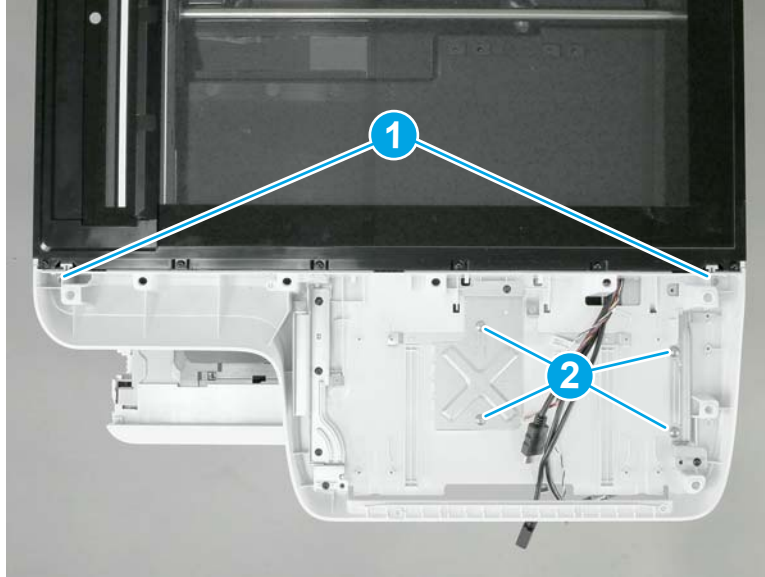
- c. Remove five screws (callout 1).

Figure 1-1168 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-1169 Remove six screws

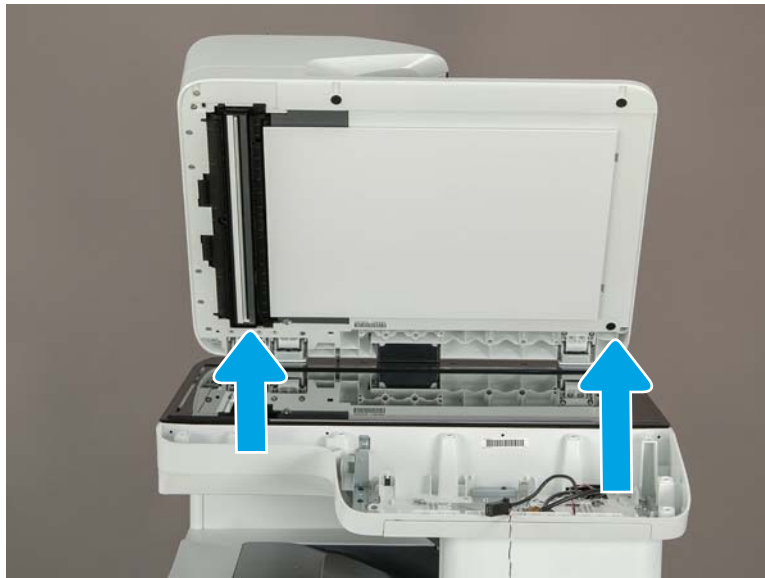


- e. Lift the nose cone up and off of the printer to remove it.



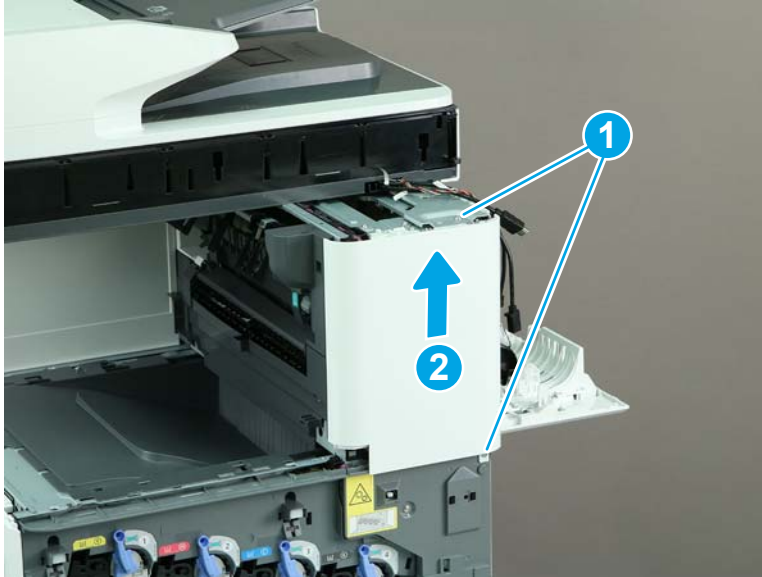
**NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

Figure 1-1170 Remove the nose cone



- 8. Remove the right front cover (M776zs).
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

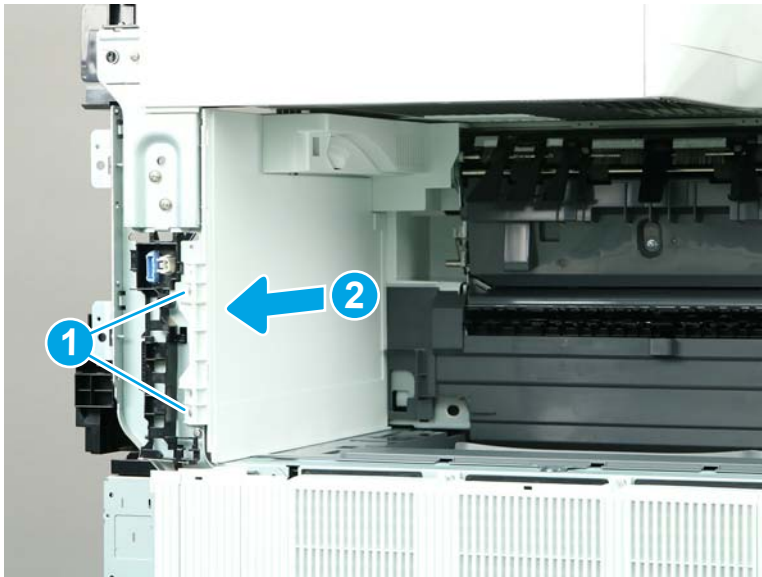
Figure 1-1171 Remove the right front cover



9. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

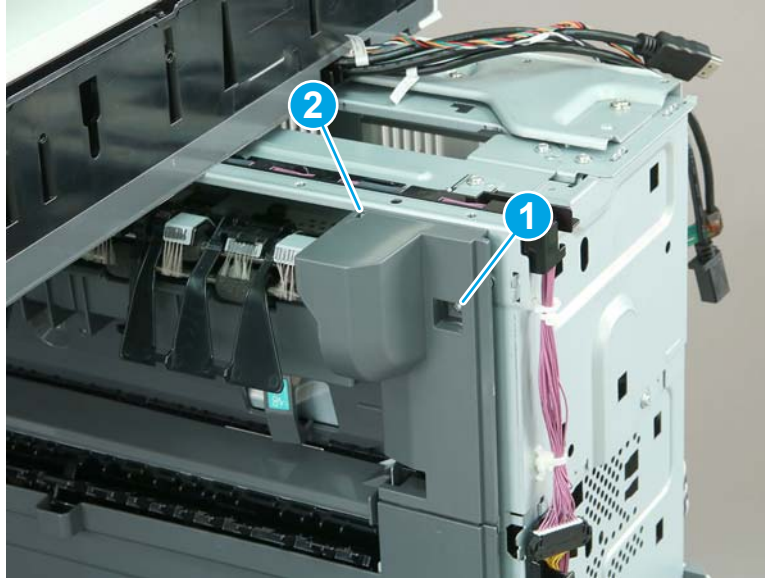
Figure 1-1172 Remove the main cover



10. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

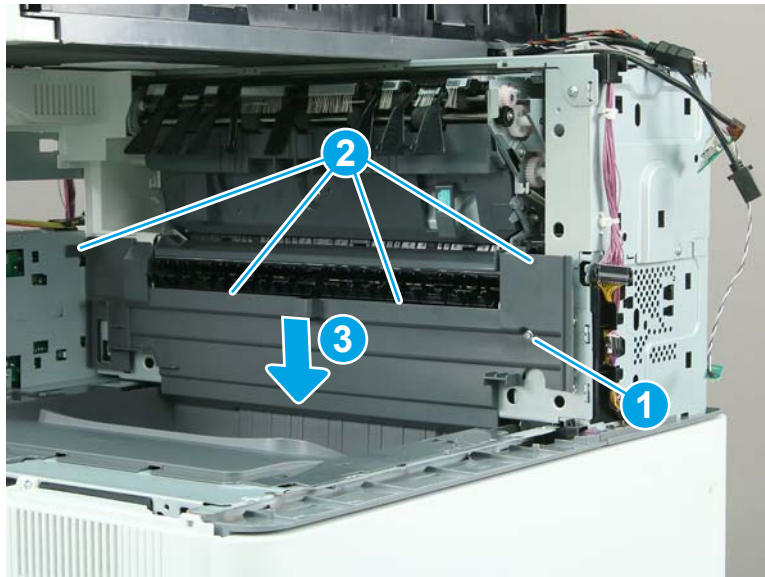
Figure 1-1173 Remove the delivery front cover



11. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

Figure 1-1174 Remove the delivery cover

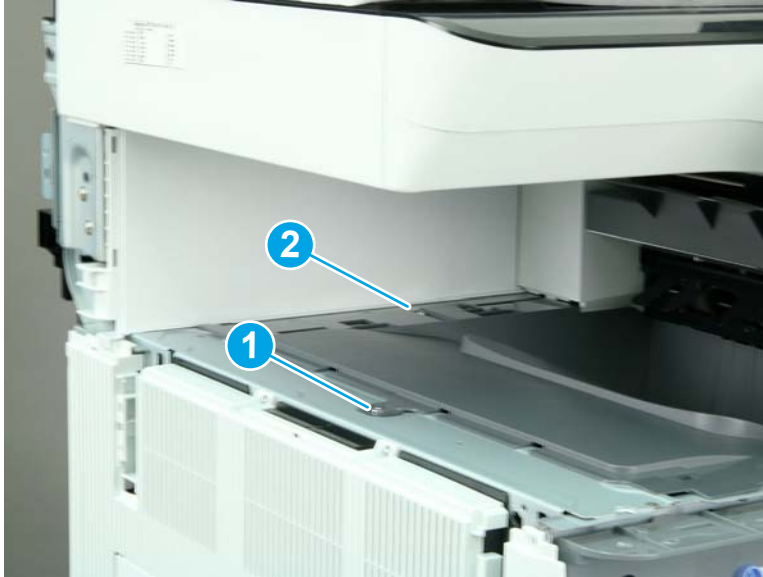


12. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-1175 Remove two screws



- b. Remove the output bin.

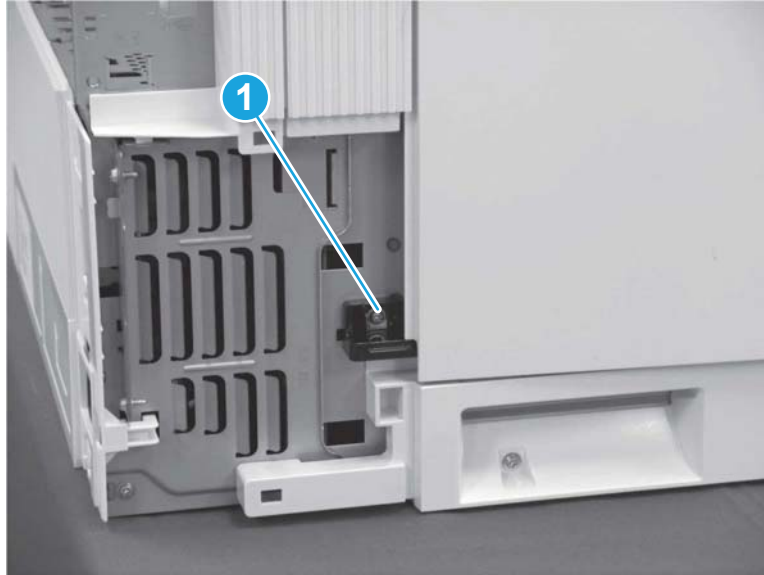
Figure 1-1176 Remove the output bin



- 13. Remove the left door.
  - a. Remove one screw (callout 1).



Figure 1-1177 Remove one screw



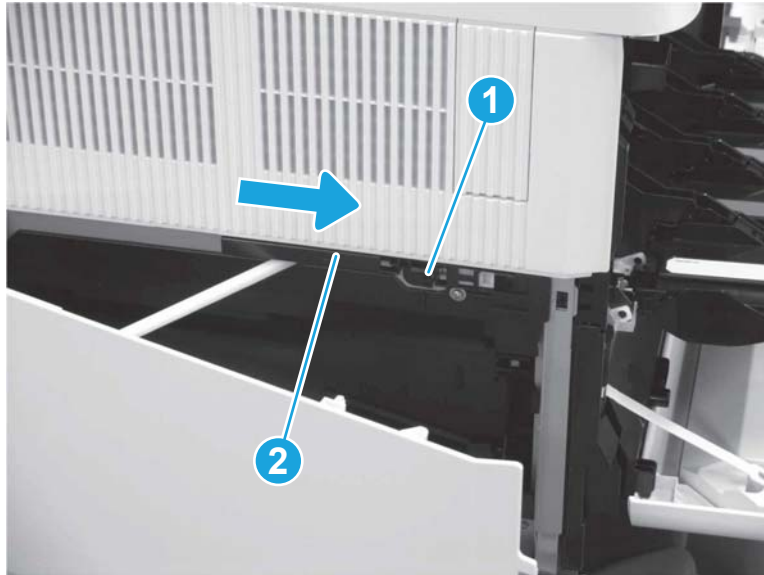
- b. Release the holder, and then remove it from the printer.

Figure 1-1178 Remove the holder



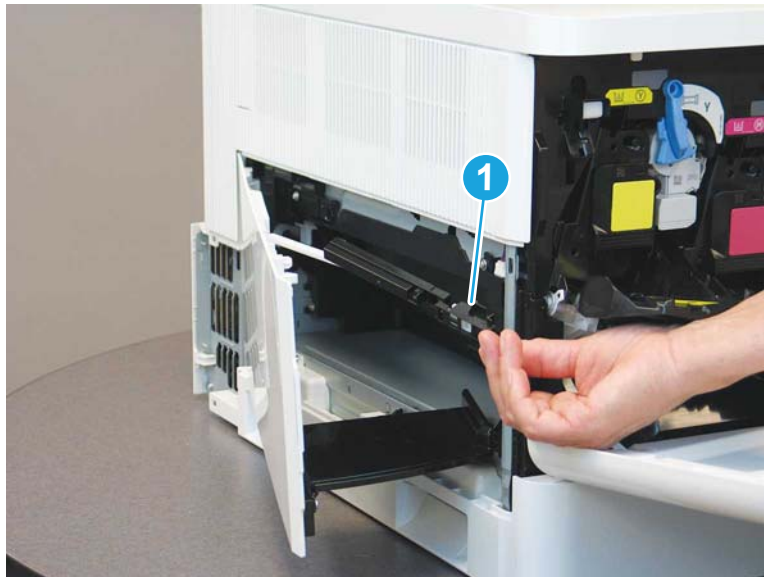
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-1179 Slide the holder



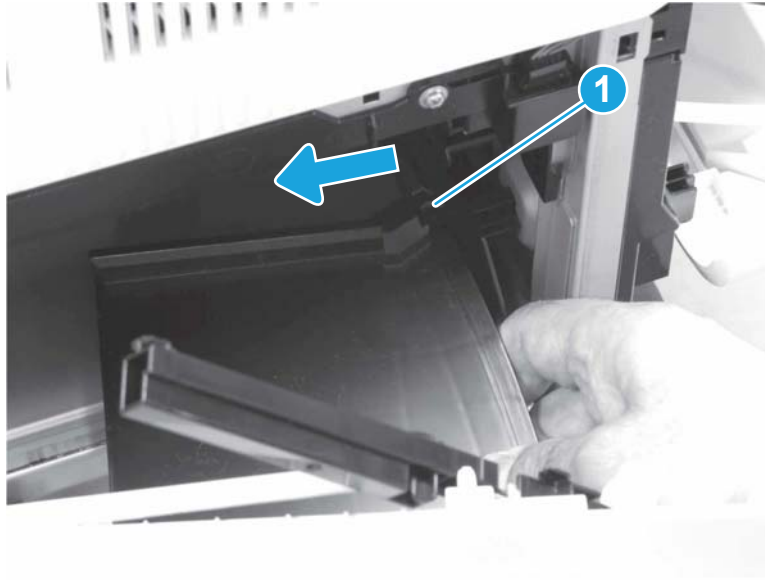
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-1180 Release the holder



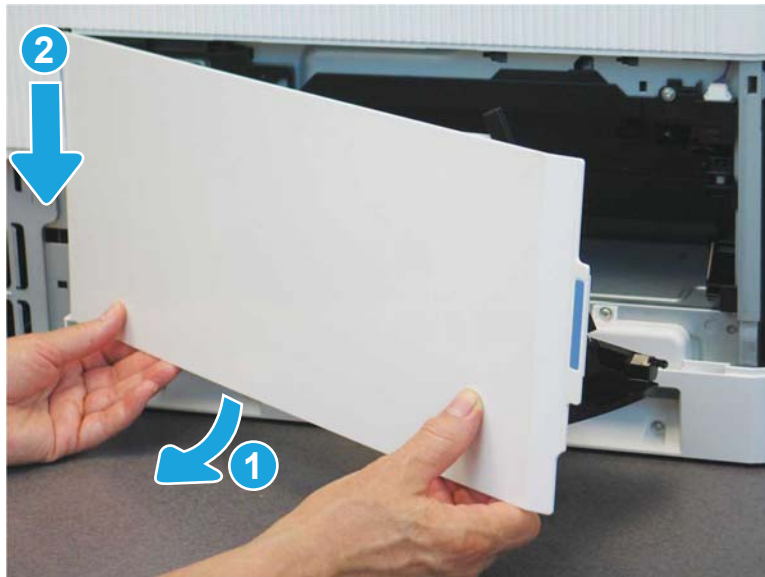
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-1181 Release the stopper



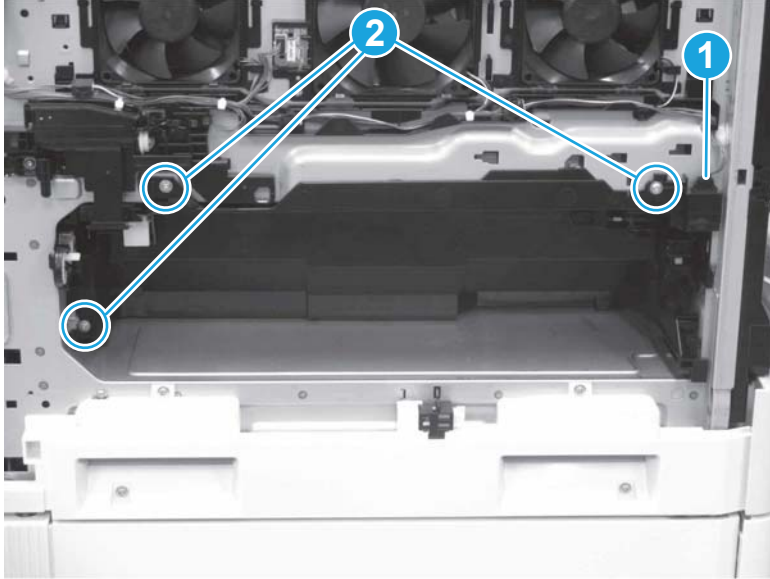
- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-1182 Remove the left door



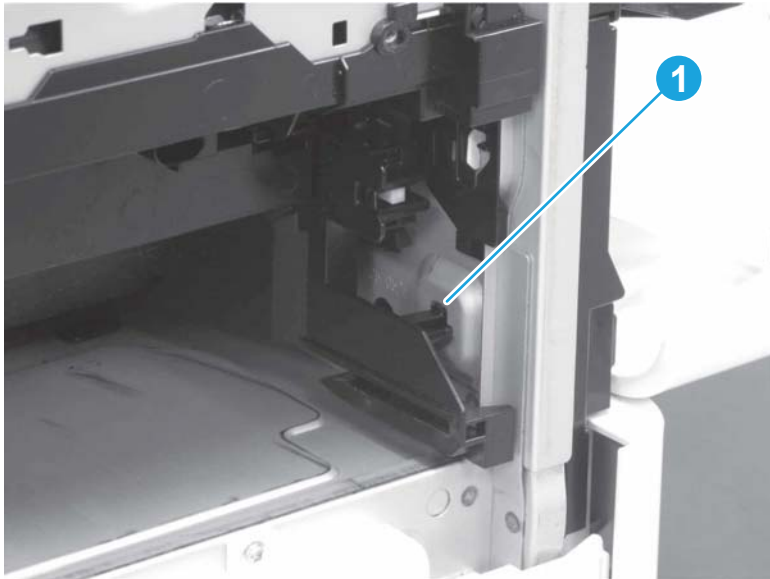
- 14. Remove the DT cartridge rail assembly (M751/E75245/M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

Figure 1-1183 Disconnect one connector and remove two screws



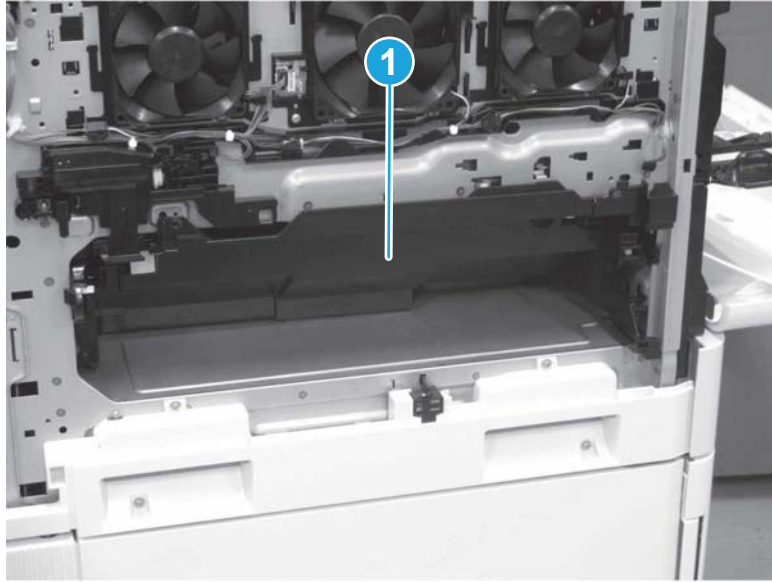
- b. Release one tab (callout 1).

Figure 1-1184 Release one tab



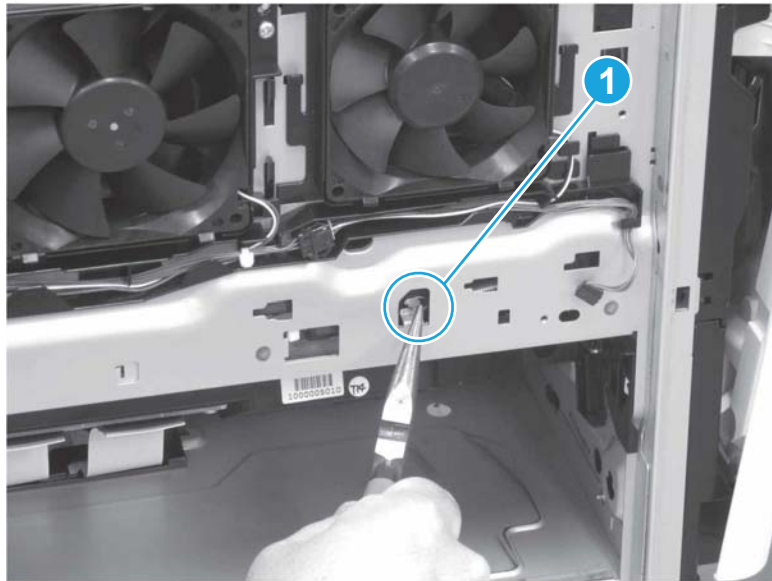
- c. Remove the scanner cover (callout 1).

Figure 1-1185 Remove the scanner cover



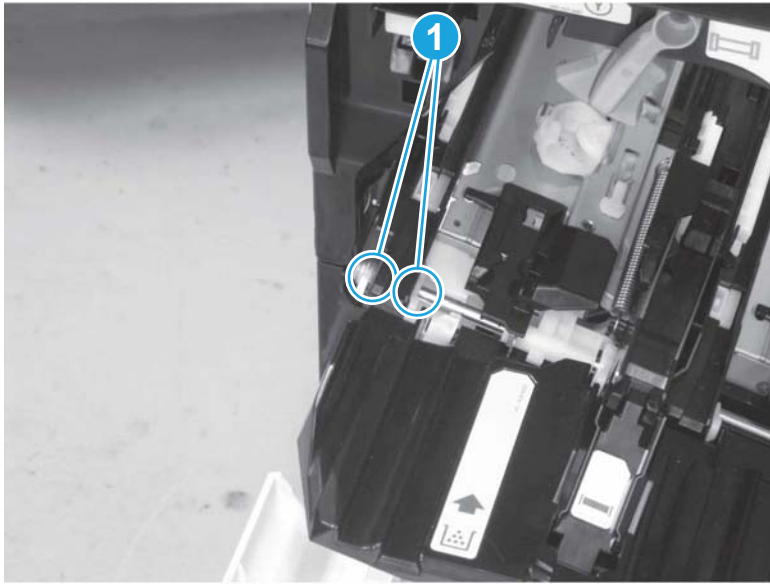
- d. Close the front door, and then unhook one spring (callout 1).

Figure 1-1186 Unhook one spring



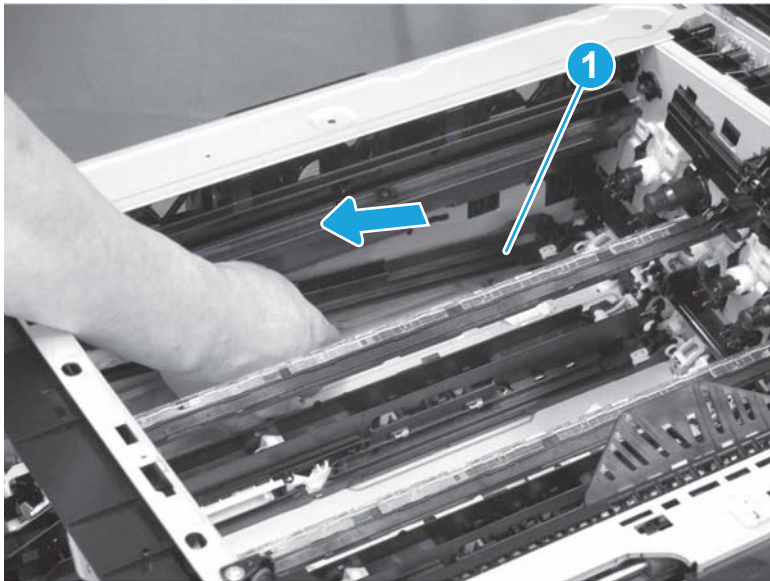
- e. Release two bosses (callout 1).

Figure 1-1187 Release two bosses



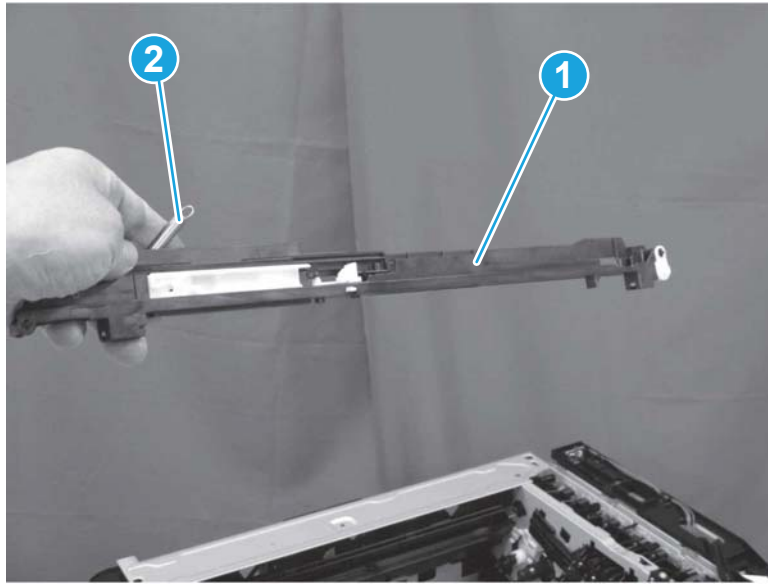
- f. Pull the DT cartridge rail assembly (callout 1) toward the front of the printer about 2 cm (0.79 in).

Figure 1-1188 Pull the DT cartridge rail assembly



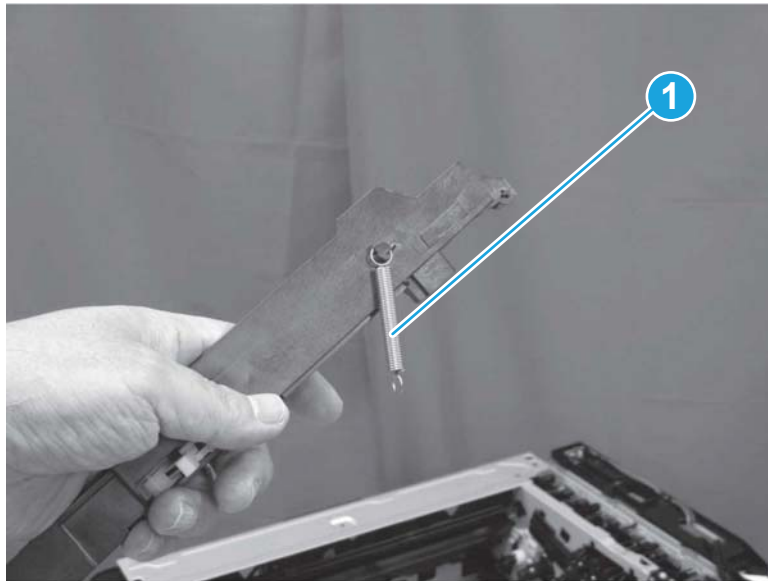
- g.** Remove the DT cartridge assembly (callout 1) and the spring (callout 2) together.

**Figure 1-1189** Remove the DT cartridge assembly and spring




- h.** Remove the spring (callout 1).

**Figure 1-1190** Remove the spring



- 15.** Unpack the replacement assembly.
  - a.** Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

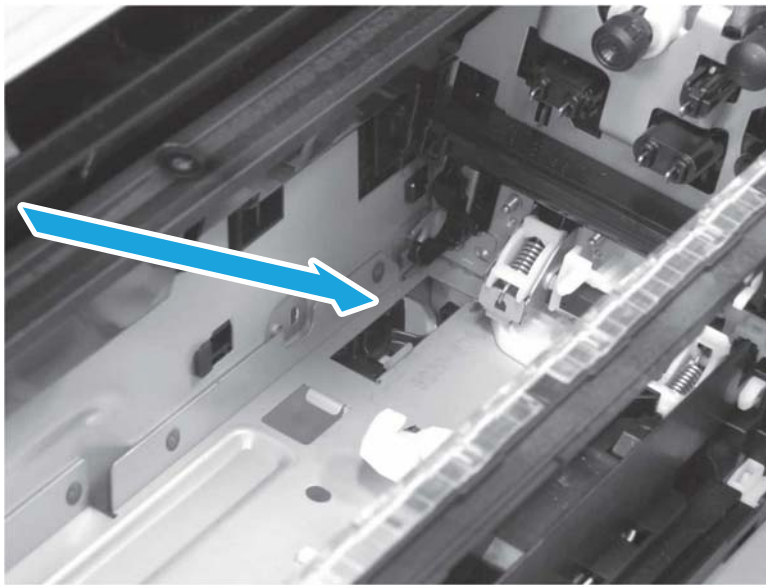
---

16. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the DT cartridge rail assembly.**

1. Slide the DT-cartridge rail assembly into position.

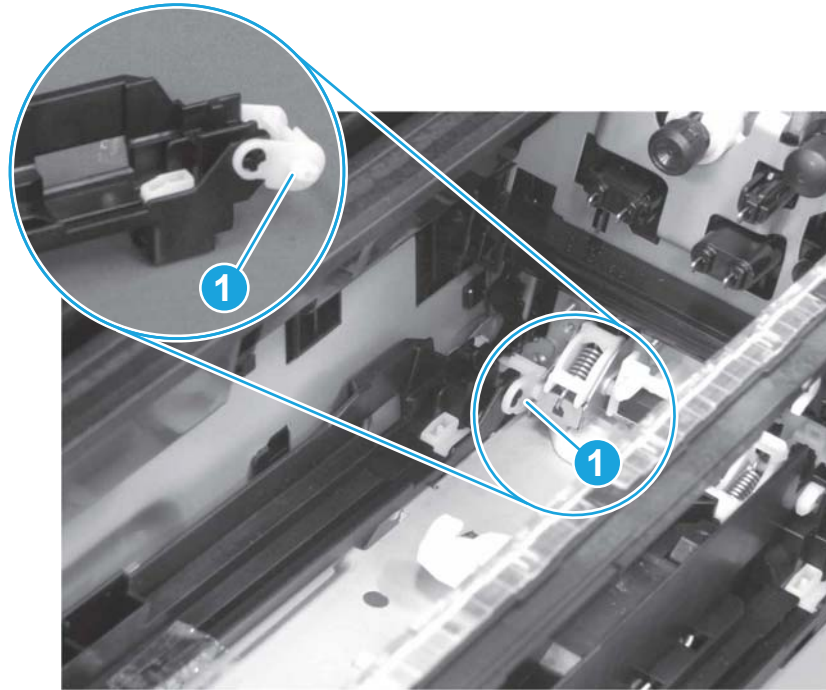
**Figure 1-1191** Position the DT-cartridge rail assembly (M751/E75245/M856/E85055/M776dn/M776z/M776zs)





2. Make sure that the link arm (callout 1) is correctly positioned. If this part is positioned incorrectly, the cartridge cannot be installed.

**Figure 1-1192** Check the link arm position (M751/E75245/M856/E85055/M776dn/M776z/M776zs)



### Removal and replacement: Transfer cleaner assembly (E75245/E85055)

Learn how to remove and replace the transfer cleaner assembly.

 [View a video of how to remove and replace the transfer cleaner assembly.](#)


Mean time to repair: 8 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-69** Part information

Part number	Part description
RM2-1490-000CN	Transfer cleaner assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

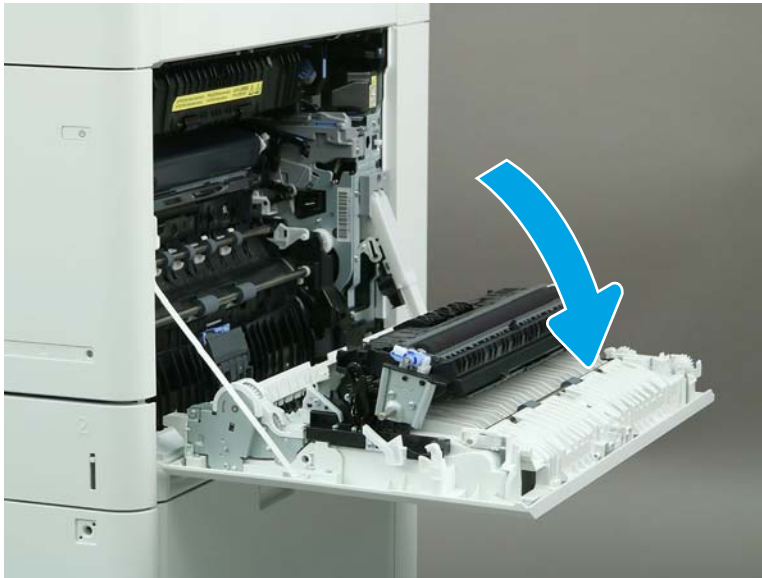
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the intermediate transfer belt (ITB).
  - a. Open the right door.

**Figure 1-1193** Open the right door



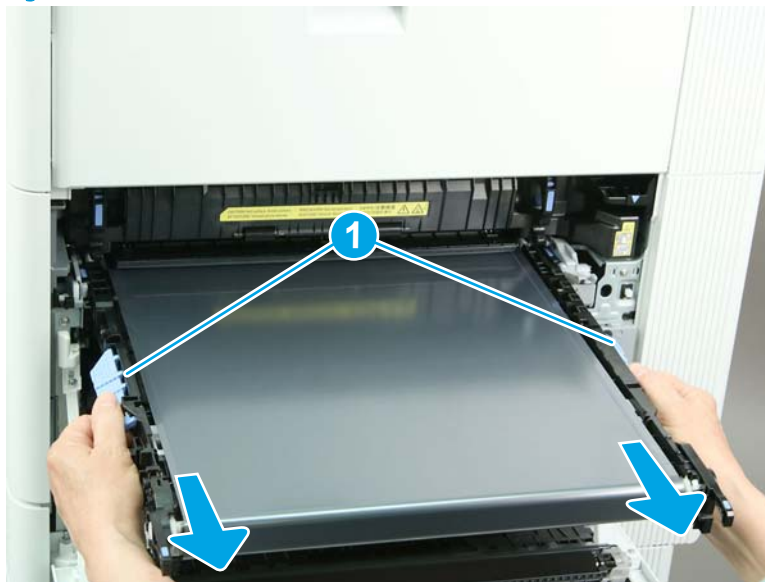
- b. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-1194 Partially remove the ITB



- c. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-1195 Remove the ITB



- 2. Examine the ITB.
  - a. Examine the front edge of the ITB.

Figure 1-1196 Examine the front edge of the ITB



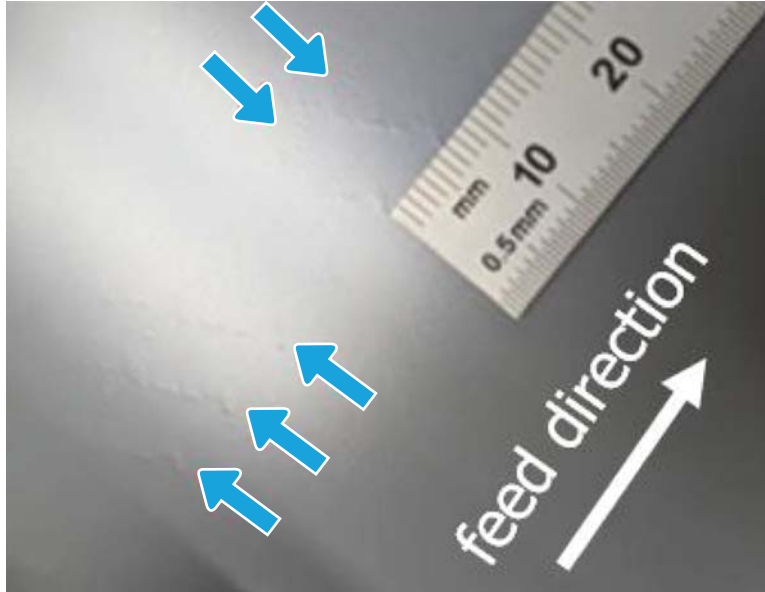
- b. If a convex streak is visible on the ITB in the paper feed direction, **do not replace the transfer cleaner. Replace the ITB.**

Figure 1-1197 Check for convex streak



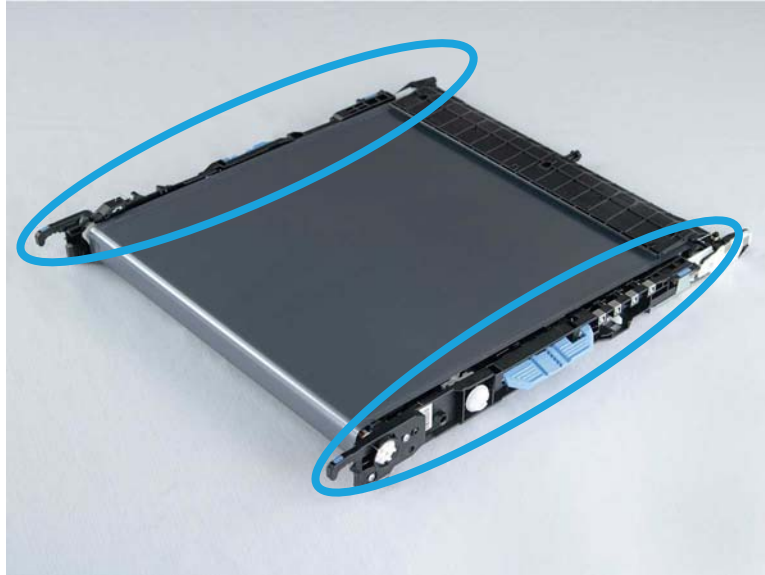
- c. If repeating ripples or ridges are visible on the ITB in the paper feed direction, **do not replace the transfer cleaner. Replace the ITB.**

Figure 1-1198 Check for repeating lines



- d. Examine the right and left sides of the ITB.

Figure 1-1199 Examine the right and left sides of the ITB



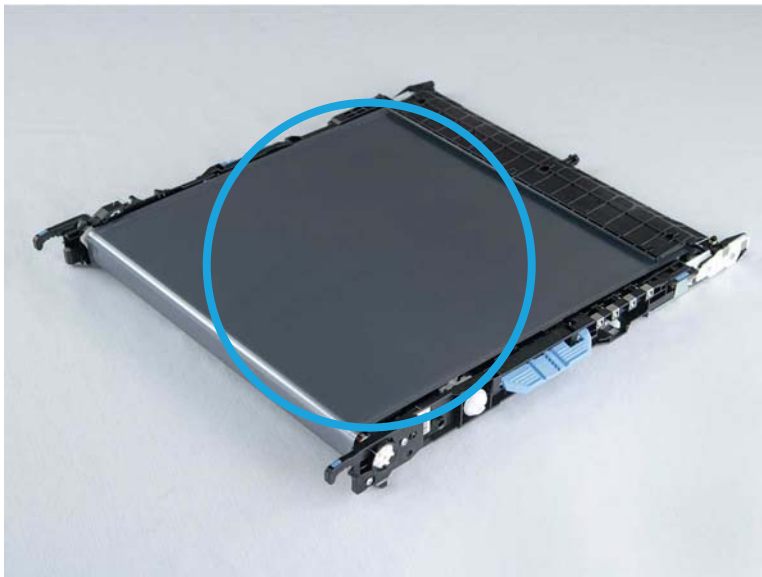
- e. If the edges of the belt are bent or creased, **do not replace the transfer cleaner. Replace the ITB.**

Figure 1-1200 Check for bent or creased edges



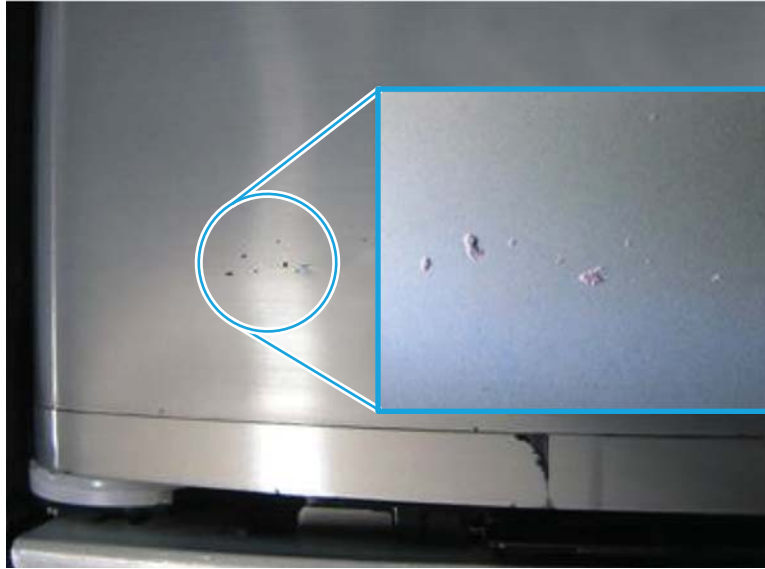
- f. Examine the surface of the ITB.

Figure 1-1201 Examine the surface of the ITB



- g. Look for any debris, dimpling, or toner streaks on the surface of the ITB.

Figure 1-1202 Look for debris, dimpling, or toner streaks on the ITB



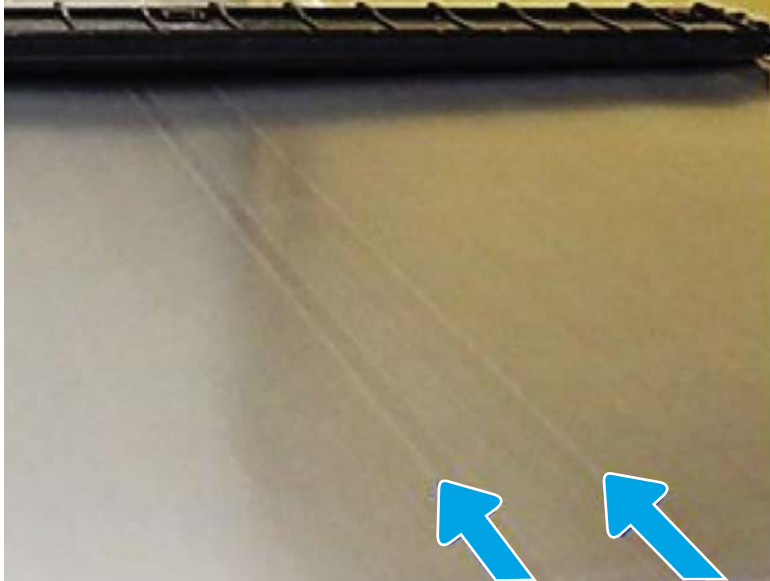
- h. If debris or toner streaks are present, clean the surface of the ITB with a clean, soft cloth.

Figure 1-1203 Clean the ITB



- i. If any debris or toner streaks remain on the ITB after cleaning, **do not replace the transfer cleaner.** Replace the ITB.

Figure 1-1204 Look for debris or toner streaks on the ITB



- j. If no debris or toner streaks remain on the ITB, replace the transfer cleaner.
- 3. Remove the transfer cleaner assembly.
    - a. Locate the transfer cleaner assembly on the intermediate transfer belt (ITB).

Figure 1-1205 Locate the transfer cleaner assembly





- b. Remove one screw (callout 1).

Figure 1-1206 Remove one screw



- c. Remove the capture plate (callout 1).


 **NOTE:** All springs remain attached to the ITB.

Figure 1-1207 Remove the capture plate



- d. Pivot the end of the transfer cleaner away from the ITB.

**Figure 1-1208** Pivot the cleaner away from the ITB



- e. Remove the transfer cleaner (callout 1).

**Figure 1-1209** Remove the transfer cleaner



- 4. Unpack the replacement assembly.
  - a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

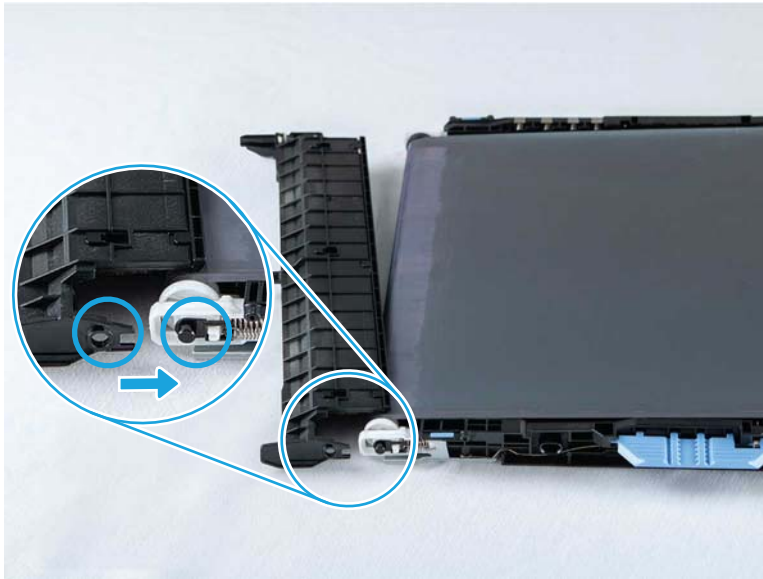
---

5. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the transfer cleaner assembly.**

1. When installing the transfer cleaner, position the end of the assembly over the square coupler and the locator pin on the ITB.

**Figure 1-1210** Position the transfer cleaner assembly



2. Pivot the transfer cleaner assembly toward the ITB to install it.

**Figure 1-1211** Install the transfer cleaner assembly



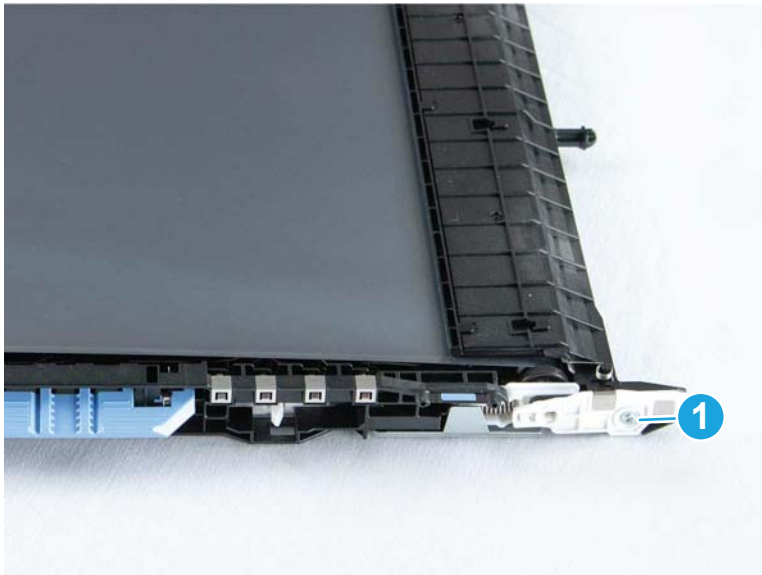
3. Squeeze the edge of the transfer cleaner and the ITB together to compress the spring, and then install the capture plate.

**Figure 1-1212** Install the capture plate



4. Install one screw (callout 1).

**Figure 1-1213** Install one screw



#### Removal and replacement: PEFS board (E75245/E85055)

Learn how to remove and replace the PEFS board (E75245/E85055 only).

 [View a video of how to remove and replace the PEFS board.](#)

Mean time to repair: 1 minute

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-70 Part information**

Part number	Part description
T3U43-67902	Kit - PEFS (includes PEFS board and flat cable)

## Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

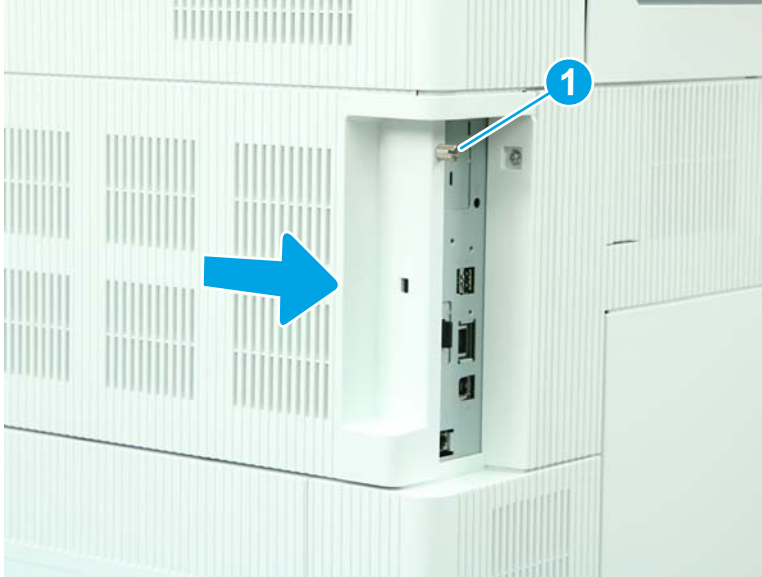
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1214 Remove the formatter cover



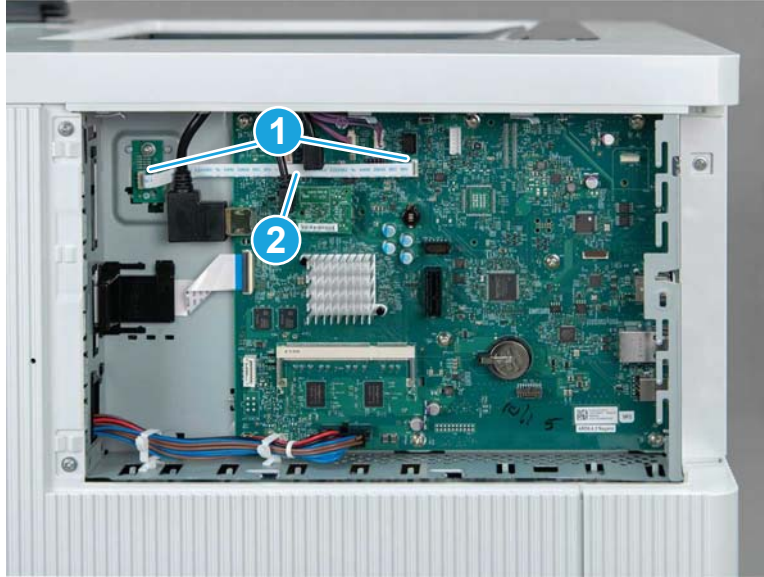
2. Remove the print engine failure sensor (PEFS) board.
  - a. Locate the PEFS board on the formatter board.

Figure 1-1215 Locate the PEFS board



- b. Disconnect two connectors (callout 1), and then remove the cable (callout 2).

Figure 1-1216 Disconnect two connectors and remove the cable




- c. Remove one screw (callout 1), and then remove the PEFS board.

Figure 1-1217 Remove the PEFS board



- 3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.


---

c. To install an assembly, reverse the removal steps.


When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Formatter (M751/E75245)

Learn how to remove and replace the formatter.

 **IMPORTANT:** Only install new service formatters into the printer under service. Used formatters will result in 33.xx errors because the data on the formatter will not match the data on the printer. Continuing past these errors might lead to loss of critical customer data, such as product speeds and page counts.

---

 [View a video of how to remove and replace the formatter.](#)


Mean time to repair: 22 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-71 Part information

Part number	Part description
5851-7702	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)
5851-7703	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)
5851-7704	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)
5851-7705	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)



## Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

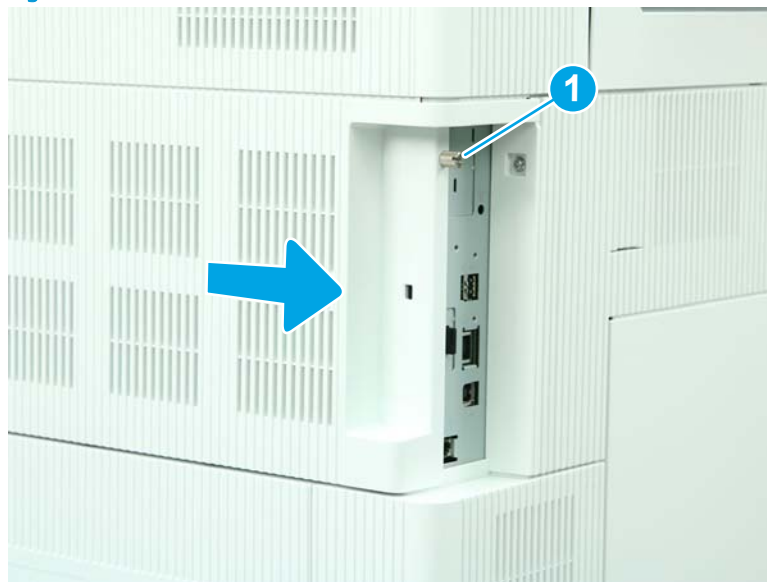
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.


1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.


Figure 1-1218 Remove the formatter cover



2. Remove the formatter (M751/E75245).

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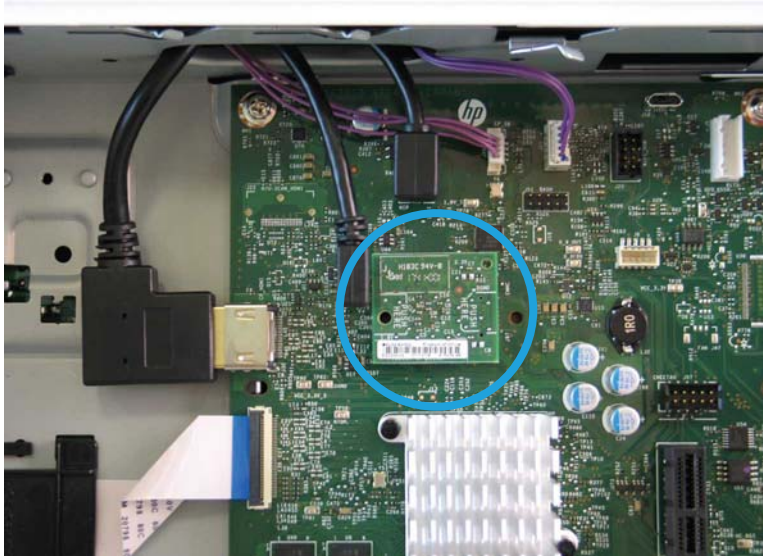
 **NOTE:** Before removing the formatter, remove any accessories installed, such as the hard disk drive, internal USB ports, memory DIMM, or any other third-party solutions. **Make sure to install these components on the replacement formatter at the end of the repair.**

 **IMPORTANT:** Do not replace the formatter and DC controller at the same time. Replace one part and allow the printer to boot to a READY state. Then, turn the power off, unplug the printer, and replace the other part. Failure to do this may render the printer non-operational.

---

- a. Locate the embedded Multi-Media Controller (eMMC) on the formatter board.

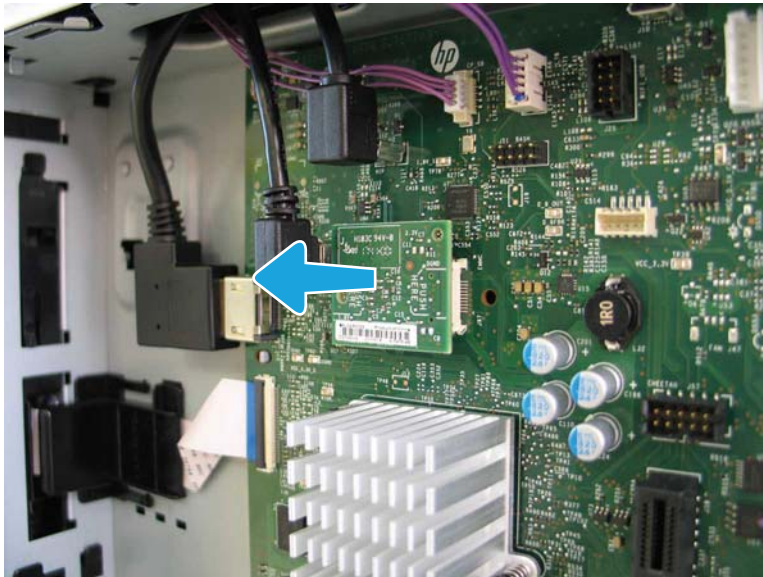
Figure 1-1219 Locate the eMMC



- b. Lift the eMMC off of the formatter board to remove it.

 **IMPORTANT:** Do not discard the eMMC. Save it and install it on the replacement formatter board.

Figure 1-1220 Remove the eMMC



- c. Lift the Trusted Platform Module (TPM) off of the formatter board to remove it.


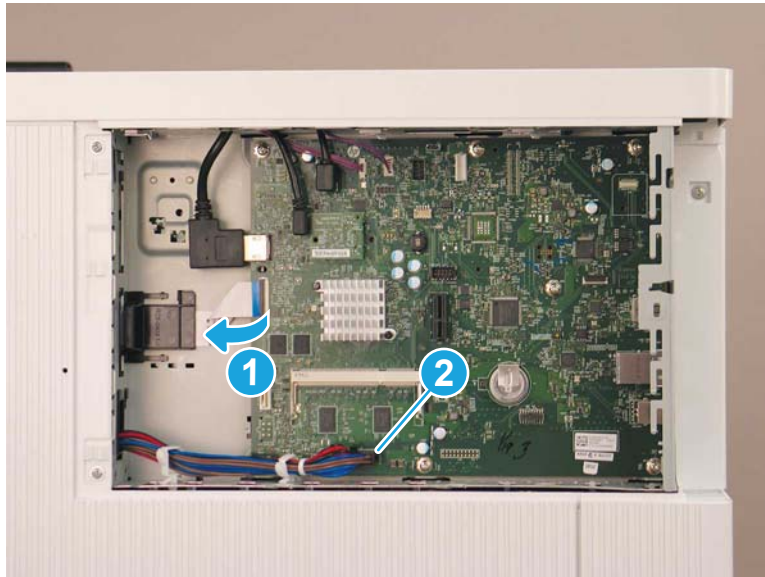
 **IMPORTANT:** Do not discard the TPM. Save it and install it on the replacement formatter board.

Figure 1-1221 Remove the TPM




- d. Open the retainer (callout 1) to release the flat cable. Squeeze the latch (callout 2) to disconnect the connector (callout 2) at the lower edge of the formatter. Disconnect all of the remaining connectors on the formatter.

Figure 1-1222 Disconnect all of the connectors



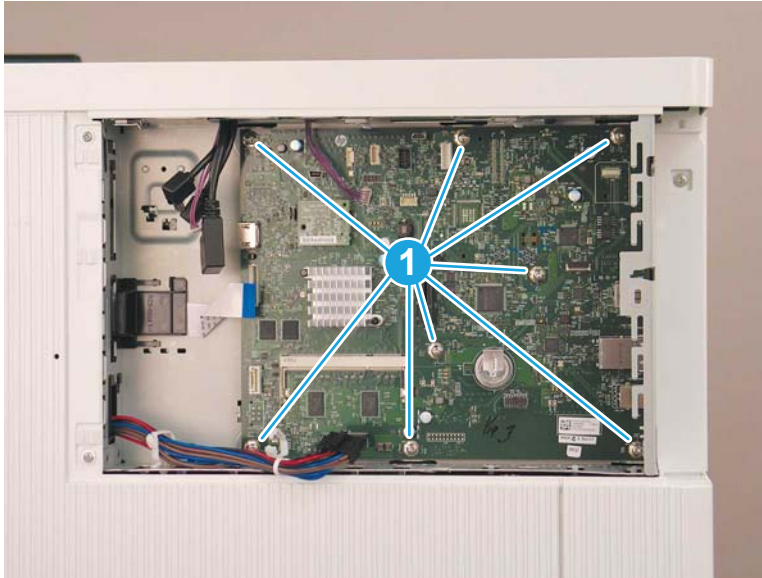
- e. Remove eight screws (callout 1), and then remove the formatter.

---

 **NOTE:** The lower right screw might be missing in some later versions of the printer.

---

Figure 1-1223 Remove eight screws



3. Unpack the replacement assembly.

- a. Dispose of the defective part.

---

 **NOTE:** HP recommends responsible disposal of the defective part.



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<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

- b. Unpack the replacement part from the packaging.

---

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---


- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Formatter (M856/E85055/M776)

Learn how to remove and replace the formatter.

---

 **IMPORTANT:** Only install new service formatters into the printer under service. Used formatters will result in 33.xx errors because the data on the formatter will not match the data on the printer. Continuing past these errors might lead to loss of critical customer data, such as product speeds and page counts.

---

 [View a video of how to remove and replace the formatter.](#)


Mean time to repair: 22 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-72** Part information

Part number	Part description
5851-7702	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)
5851-7703	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)
5851-7704	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)
5851-7705	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)
5851-7913	Formatter PCA (M776) (sPAB - SFP)
5851-7914	Formatter PCA (M776) (sPAB - SFP; India/China)

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

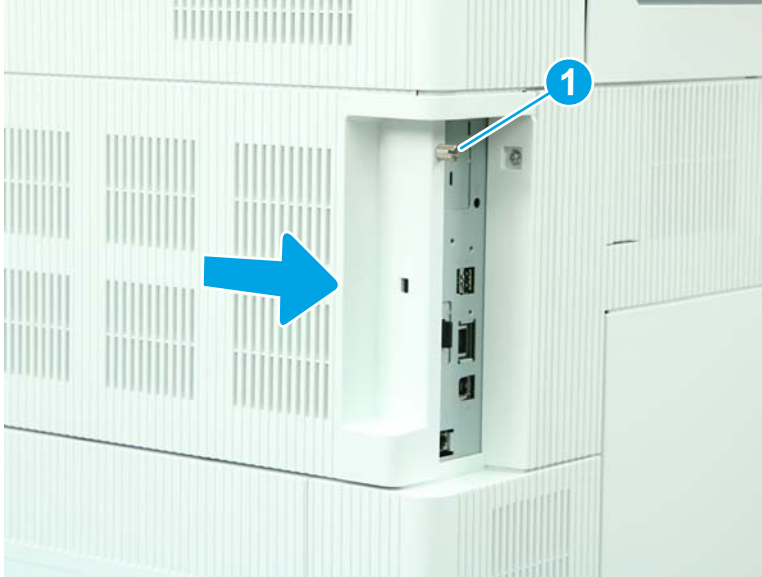
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.


1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.


Figure 1-1224 Remove the formatter cover



2. Remove the formatter (M856/E85055/M776).

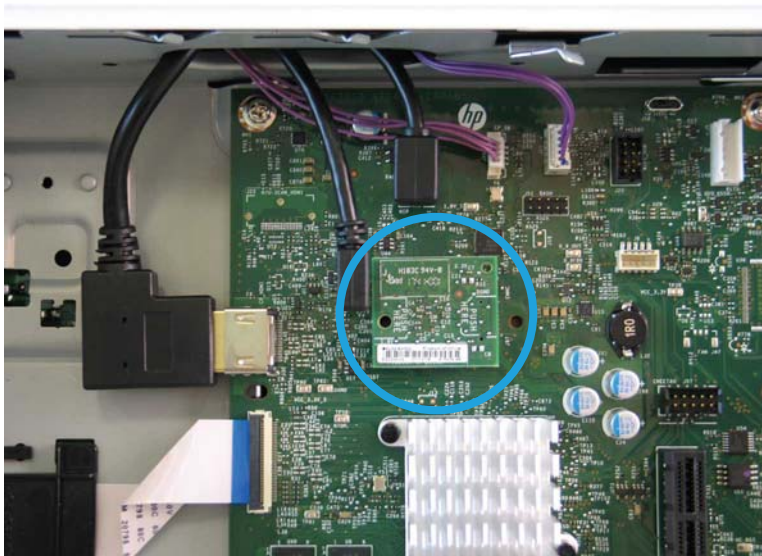
 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models

 **NOTE:** Before removing the formatter, remove any accessories installed, such as the hard disk drive, internal USB ports, memory DIMM, fax card, or any other third-party solutions. **Make sure to install these components on the replacement formatter at the end of the repair.**

 **NOTE:** Do not replace the formatter and DC controller at the same time. Replace one part and allow the printer to boot to a READY state. Then, turn the power off, unplug the printer, and replace the other part. Failure to do this may render the printer non-operational.

- a. **M856/E85055 only:** Locate the embedded Multi-Media Card (eMMC) on the formatter board.

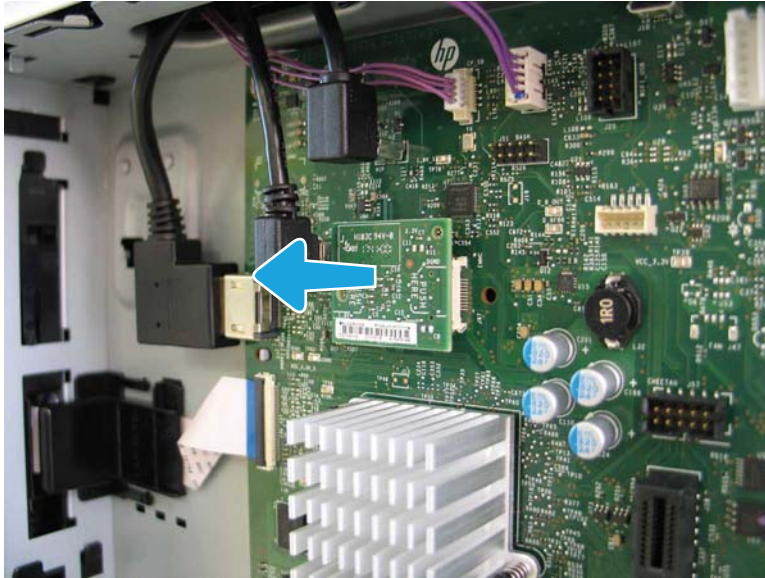
Figure 1-1225 Locate the eMMC



- b. **M856/E85055 only:** Lift the eMMC off of the formatter board to remove it.

 **IMPORTANT:** Do not discard the eMMC. Save it and install it on the replacement formatter board.

Figure 1-1226 Remove the eMMC



- c. **M776 only:** Release the locking connector (callout 1) on the hard disk drive (HDD), and then pinch the retainer (callout 2) to release it.

Figure 1-1227 Release the hard disk drive



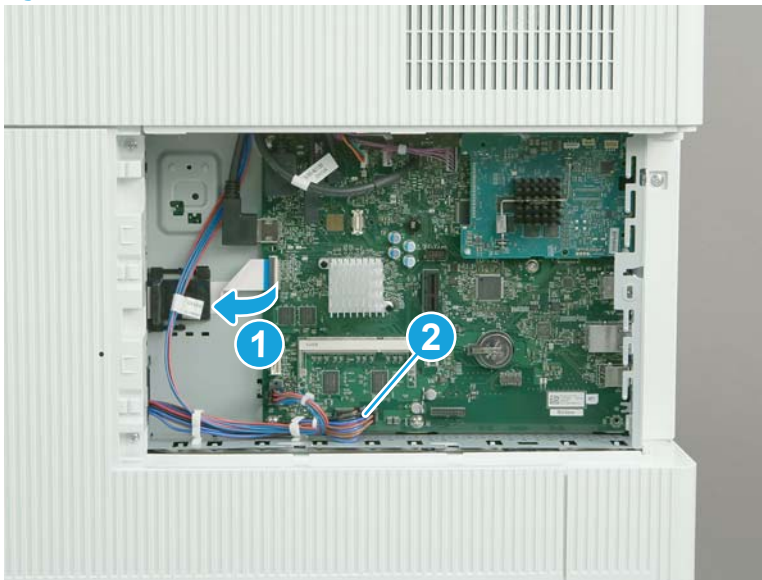
- d. **M776 only:** Raise the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1228 Remove the hard disk drive



- e. Open the retainer (callout 1) to release the flat cable. Squeeze the latch to disconnect the connector (callout 2) at the lower edge of the formatter. Disconnect all of the remaining connectors on the formatter.

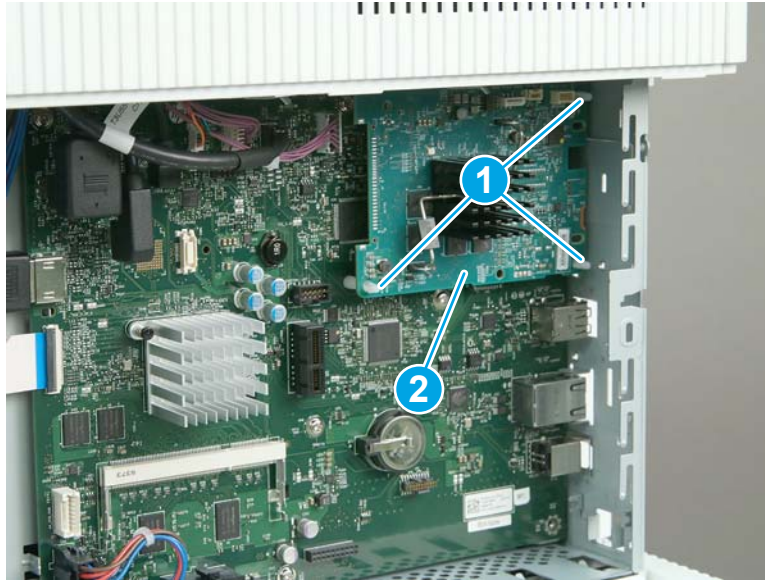
Figure 1-1229 Disconnect all of the connectors





- f. **M776 only:** Release three standoff tabs (callout 1).

**Figure 1-1230** Release three tabs



- g. **M776 only:** Remove the accelerator board.

**Figure 1-1231** Remove the accelerator board



- h. Lift the Trusted Platform Module (TPM) off of the formatter board to remove it.

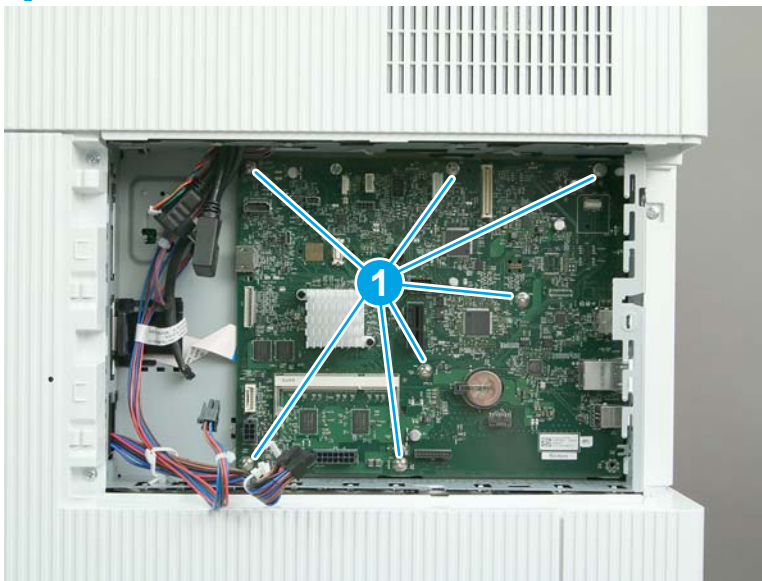
 **IMPORTANT:** Do not discard the TPM. Save it and install it on the replacement formatter board.

Figure 1-1232 Remove the TPM




- i. Remove seven screws (callout 1), and then remove the formatter.

Figure 1-1233 Remove seven screws



- 3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Formatter case (M856/E85055/M776)

Learn how to remove and replace the formatter case.


Mean time to repair: 15 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-73** Part information

Part number	Part description
RM2-2476-000CN	Formatter case assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

#### After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

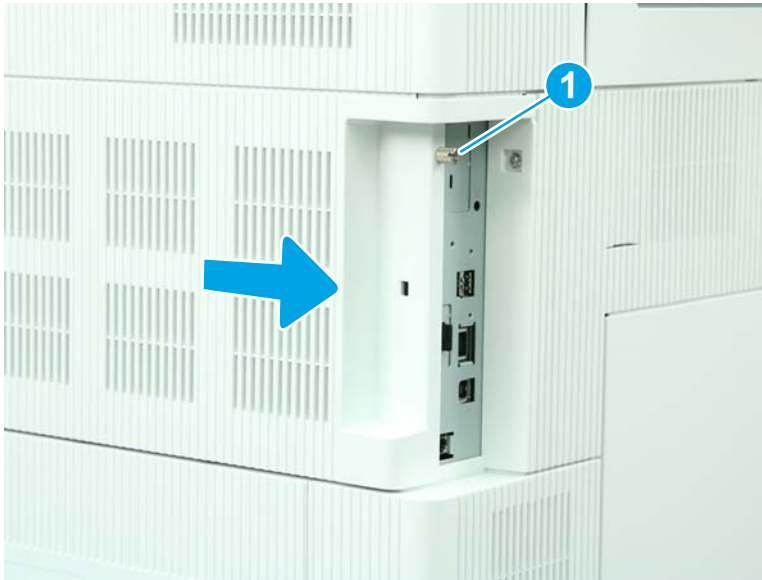
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

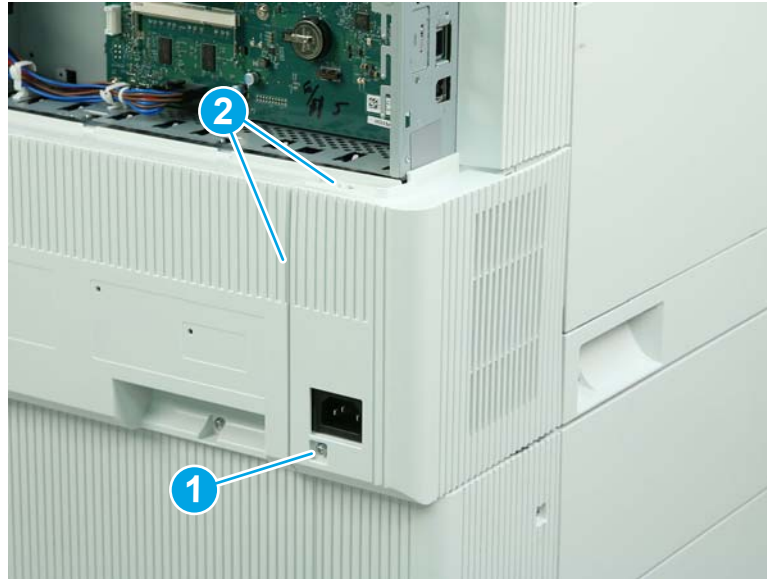
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1234** Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

**Figure 1-1235** Remove one screw and release two tabs



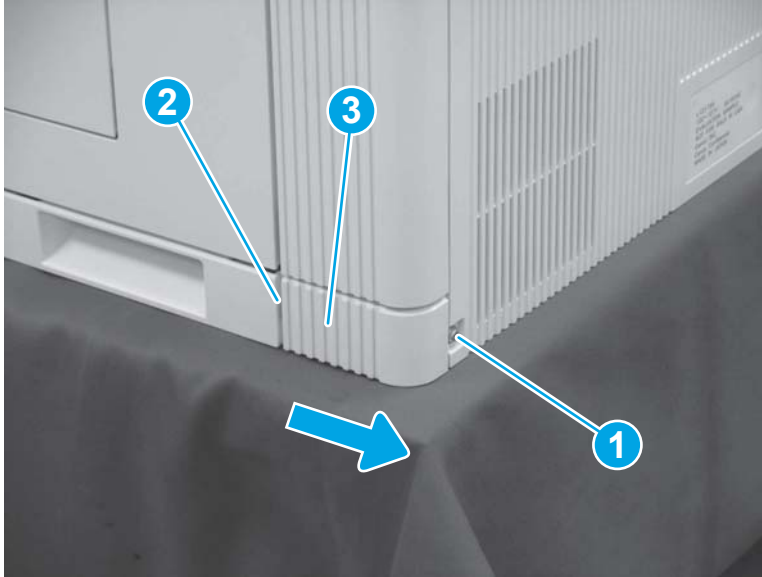
- b. Rotate the cover away from the printer to remove it.

**Figure 1-1236** Remove the left lower cover



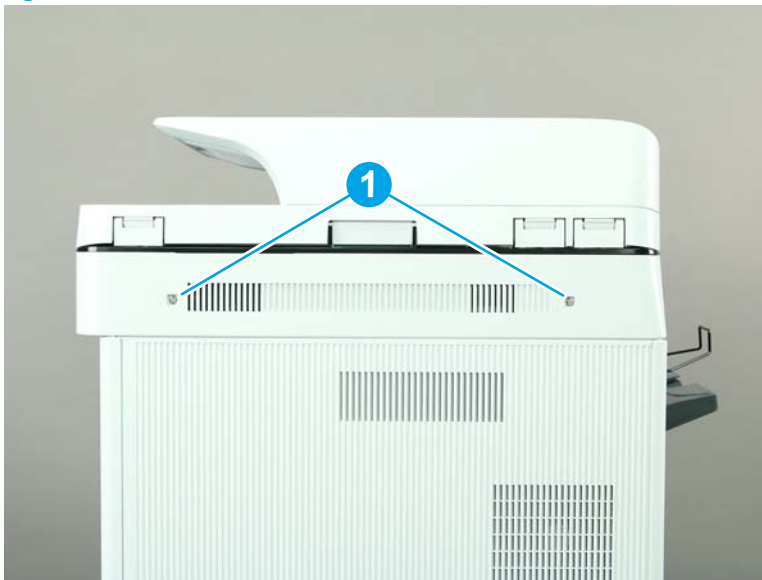
- 3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1237 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1238 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1239** Remove the SCB cover

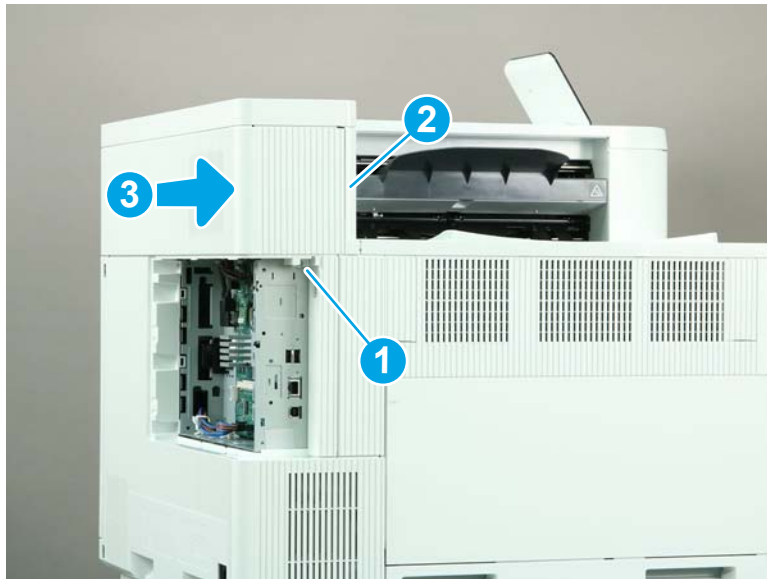


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

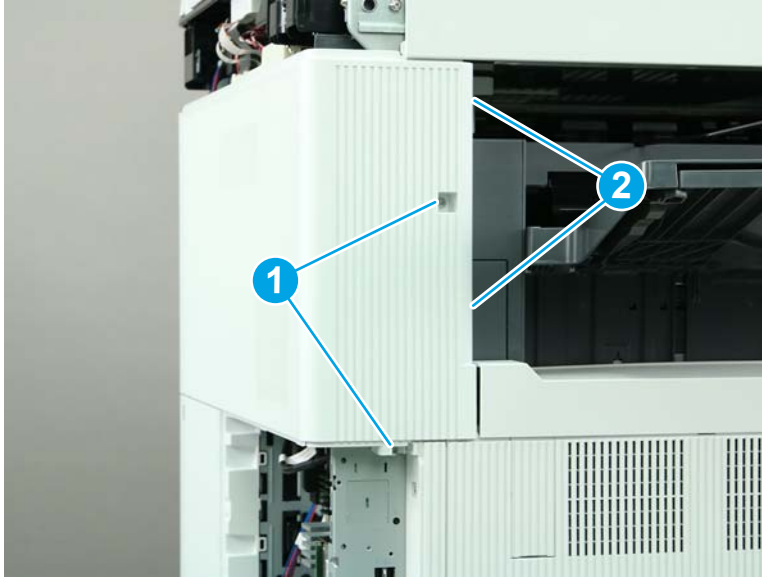
**Figure 1-1240** Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).

- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1241 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

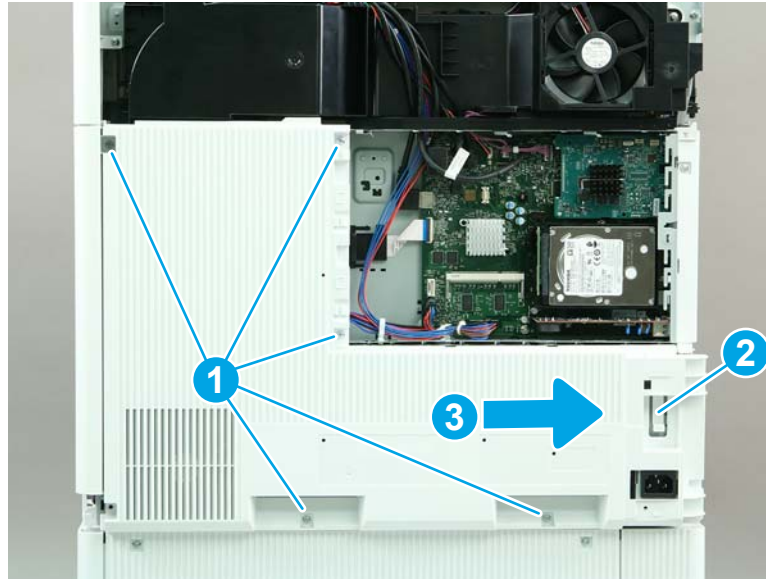
Figure 1-1242 Remove the rear upper and left rear upper cover



- 7. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.



Figure 1-1243 Remove the rear cover (M856/E85055/M776)



8. Remove the formatter and case (M856/E85055/M776).

---

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

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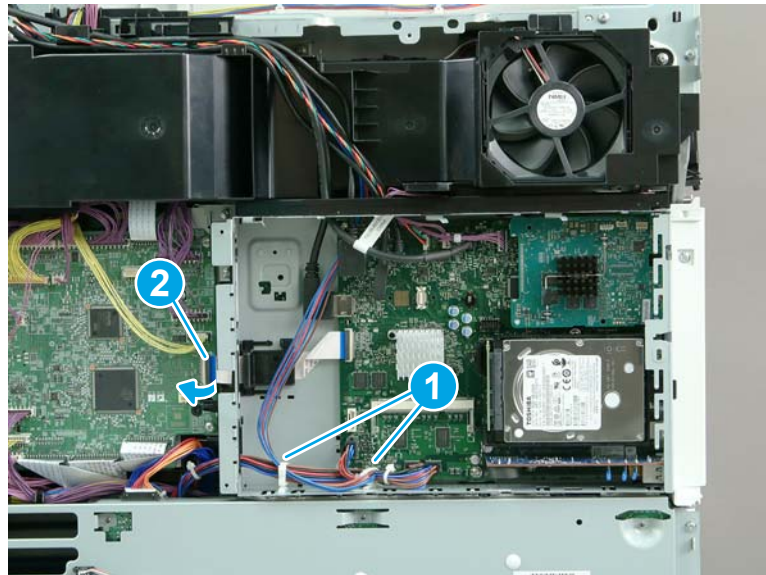
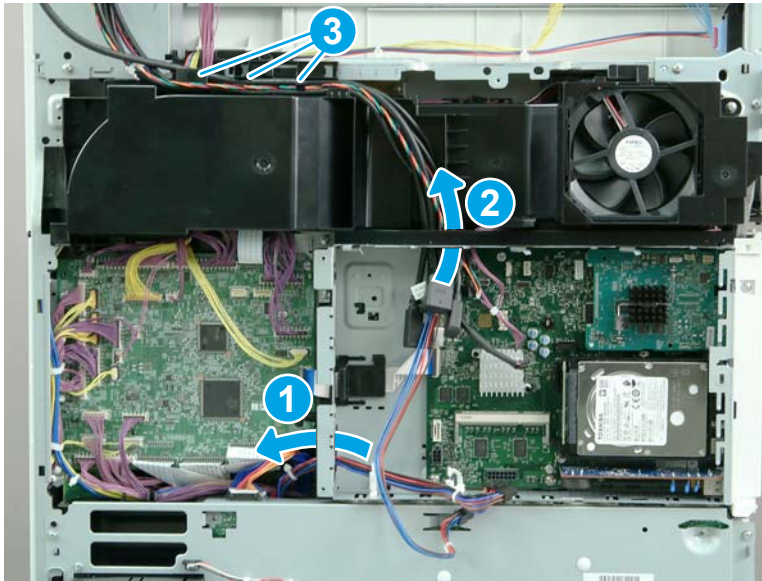
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

Figure 1-1244 Disconnect the connectors



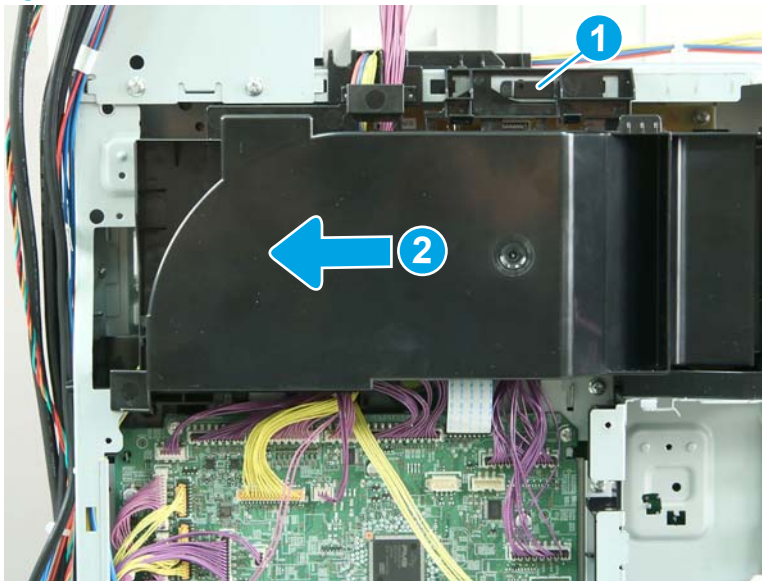
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-1245 Release the cables



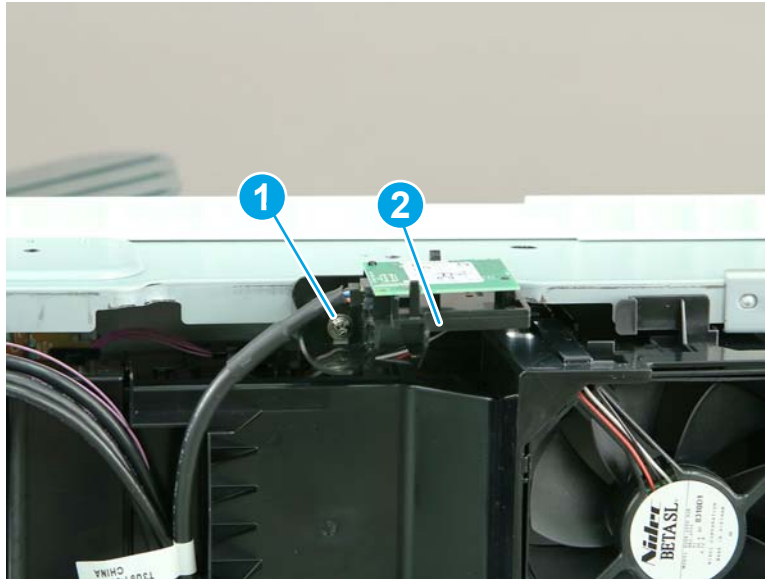
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1246 Remove the fan duct



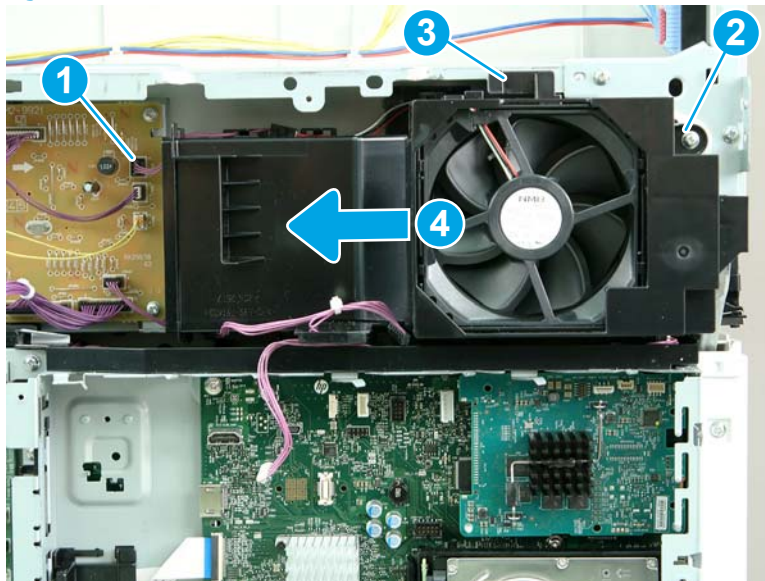
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-1247 Remove the wireless card and bracket



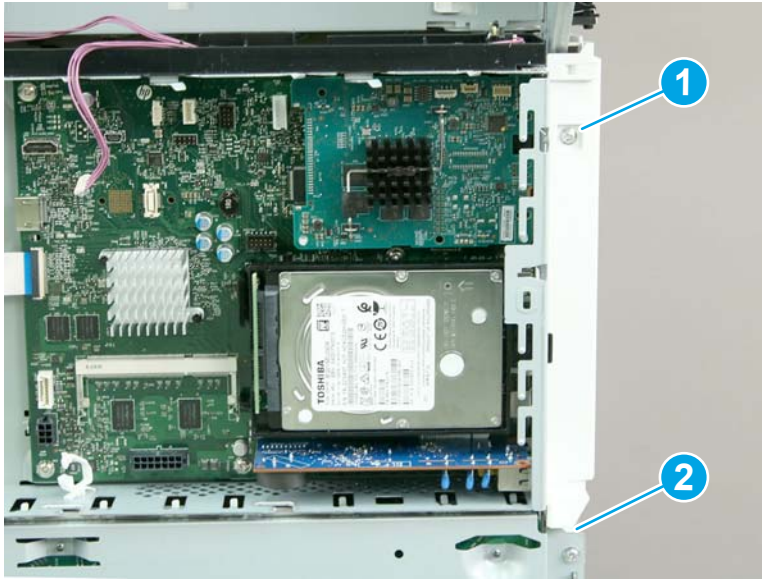
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-1248 Remove the fan assembly



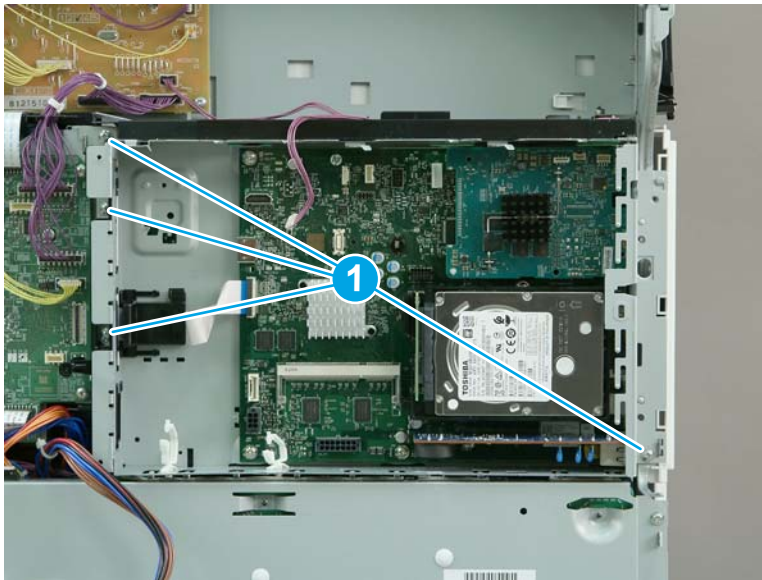
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-1249 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-1250 Remove four screws



- h. Remove the formatter and case.

Figure 1-1251 Remove the formatter and case



- 9. Remove the formatter case (M856/E85055/M776).
  - a. **M776 only:** Release the locking connector (callout 1) on the hard disk drive (HDD), and then pinch the retainer (callout 2) to release it.

Figure 1-1252 Release the hard disk drive



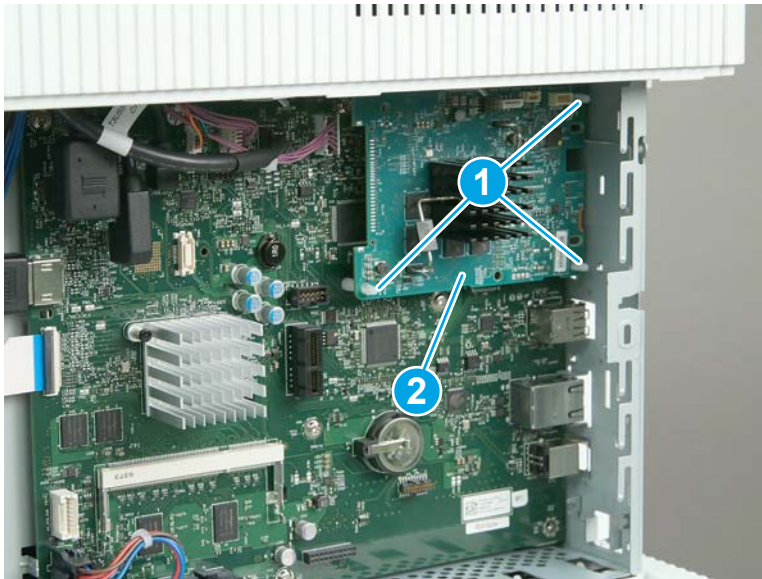
- b. **M776 only:** Raise the connector end of the HDD out and away from the formatter (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-1253 Remove the hard disk drive



- c. **M776 only:** Release three standoff tabs (callout 1).

Figure 1-1254 Release three tabs



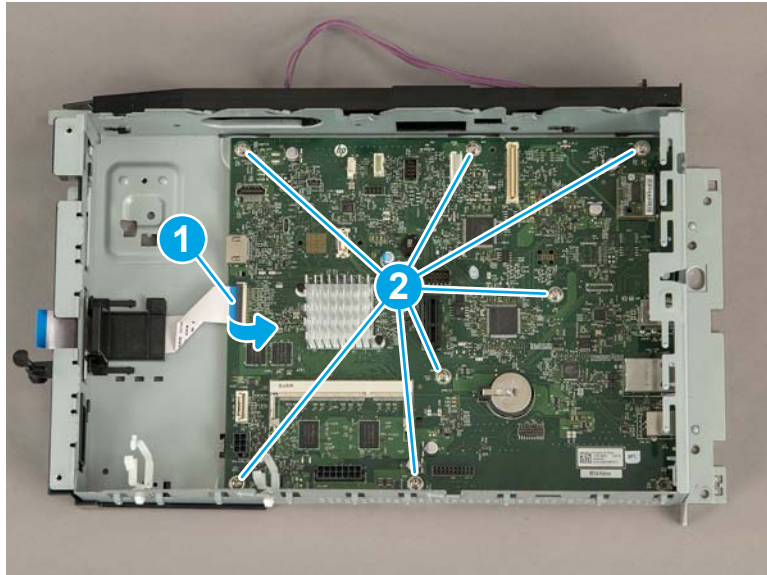
- d. **M776 only:** Remove the accelerator board.

**Figure 1-1255** Remove the accelerator board



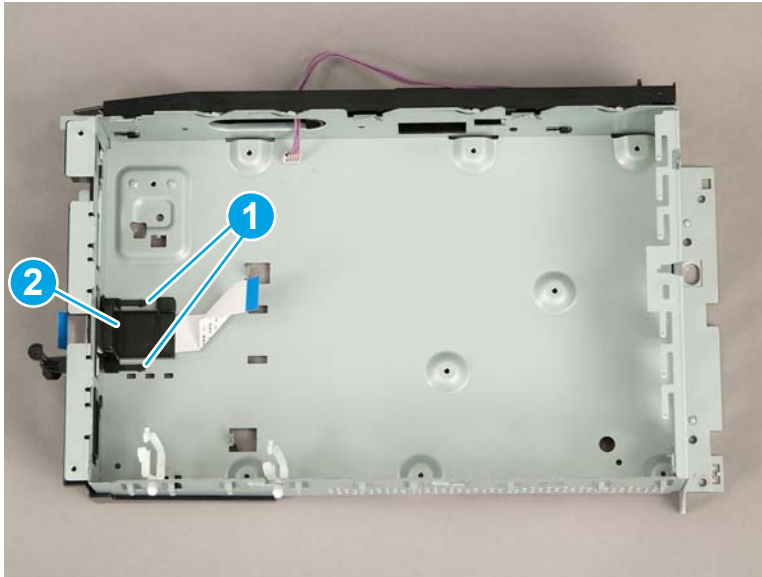
- e. Open the retainer (callout 1) to release the flat cable. Remove seven screws (callout 2), and then remove the formatter from the case.

**Figure 1-1256** Remove the formatter



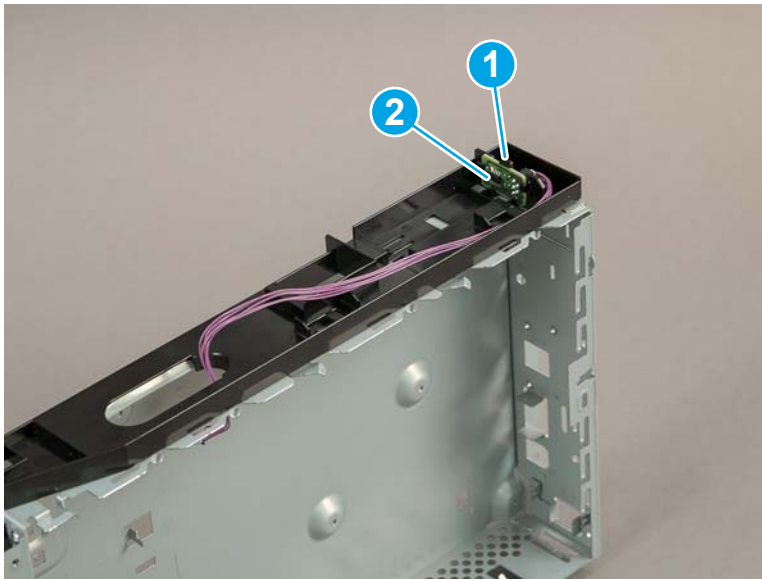
- f. Release two tabs (callout 1), and then remove the flat cable and retainer. Install these on the replacement formatter case.

Figure 1-1257 Release the retainer



- g. Release one tab (callout 1), and then remove the memory PCA and cable (callout 2). Install these on the replacement formatter case.

Figure 1-1258 Remove the memory PCA




10. Unpack the replacement assembly.
  - a. Dispose of the defective part.




 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Memory PCA (M856/E85055/M776)

Learn how to remove and replace the memory PCA.

 [View a video of how to remove and replace the memory PCA.](#)


Mean time to repair: 8 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-74 Part information

Part number	Part description
RM3-7351-000CN	Memory PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

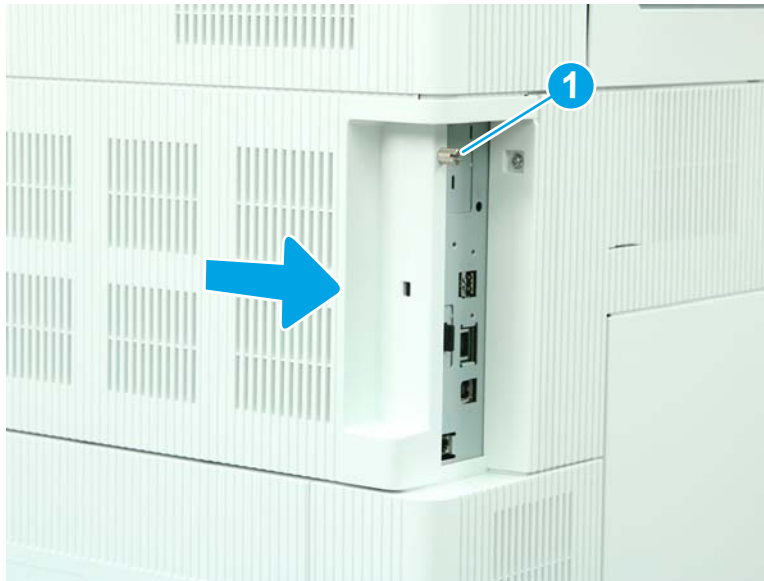
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

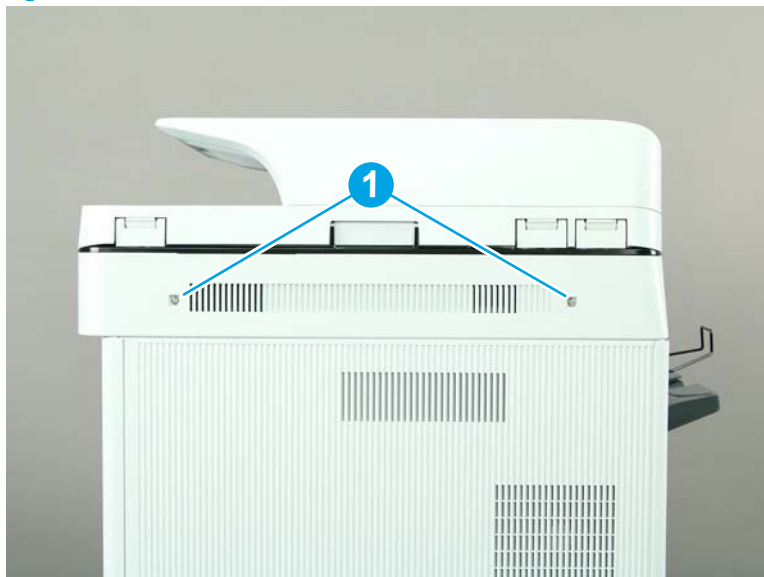
Figure 1-1259 Remove the formatter cover



### 2. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-1260 Remove two screws



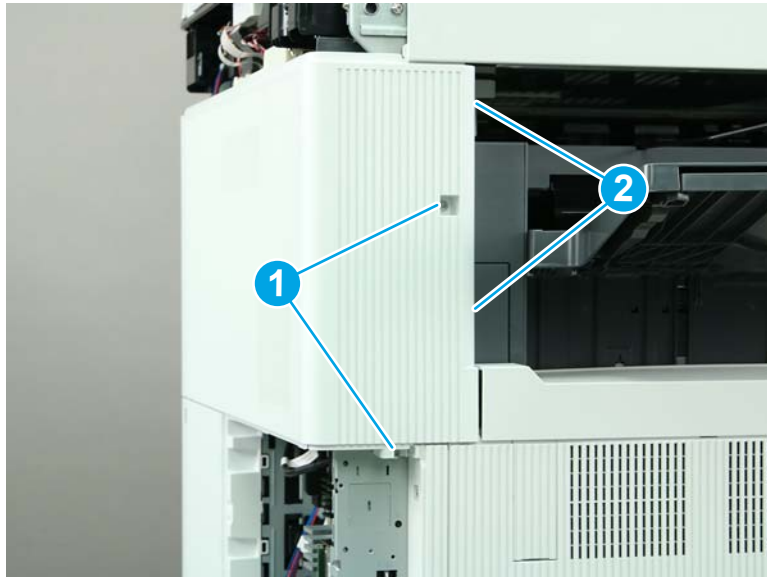
- b. Remove the SCB cover.

**Figure 1-1261** Remove the SCB cover



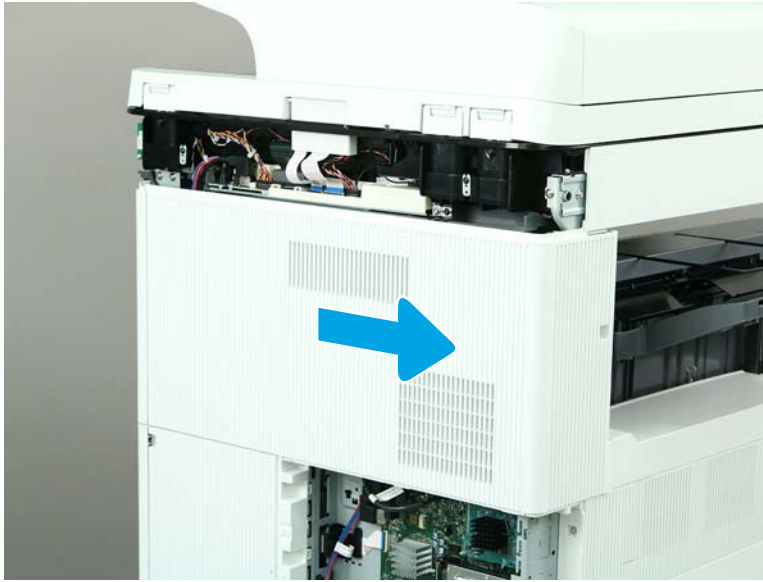
3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1262** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-1263** Remove the rear upper and left rear upper cover

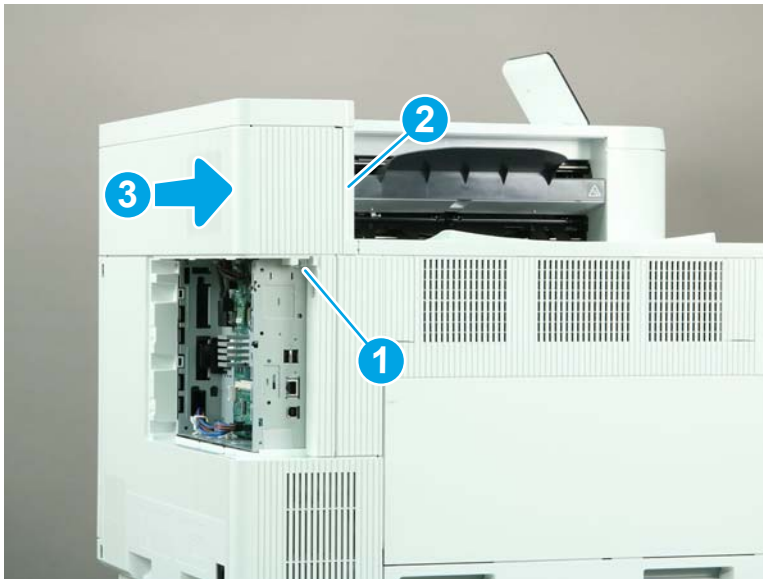


4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-1264** Remove the rear upper cover



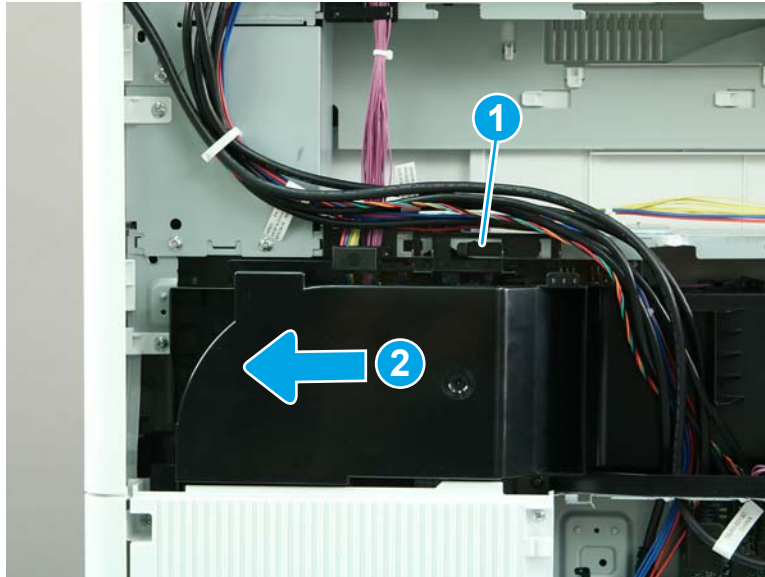
5. Remove the memory PCA (M856/E85055/M776).
  - a. Release the cables (callout 1) from the guides (callout 2).

Figure 1-1265 Release the cables from the guides

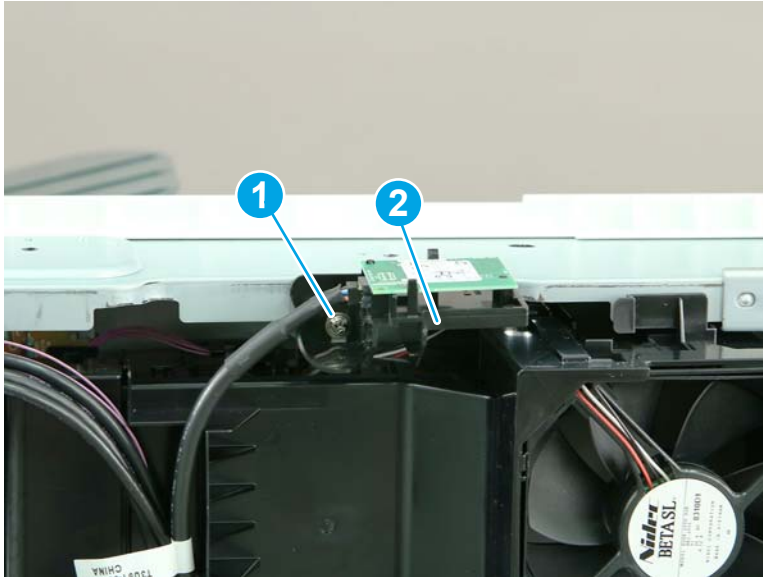


- b. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1266 Remove the fan duct

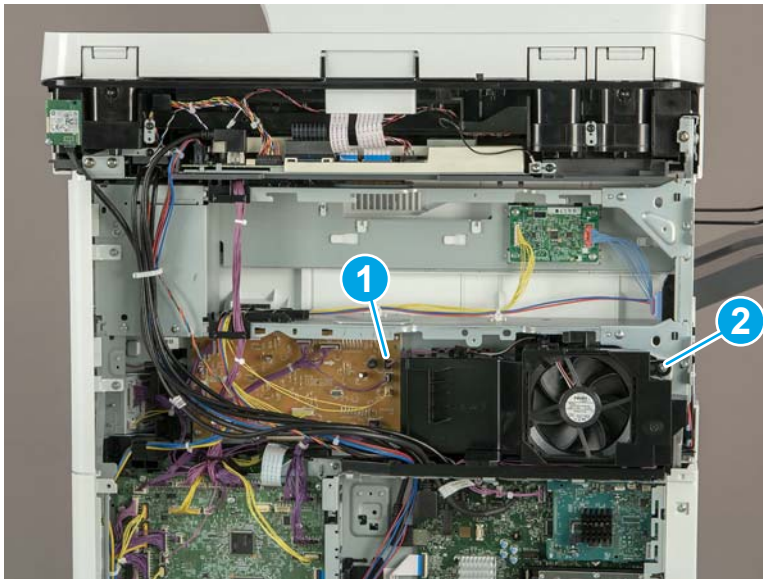


- c. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).



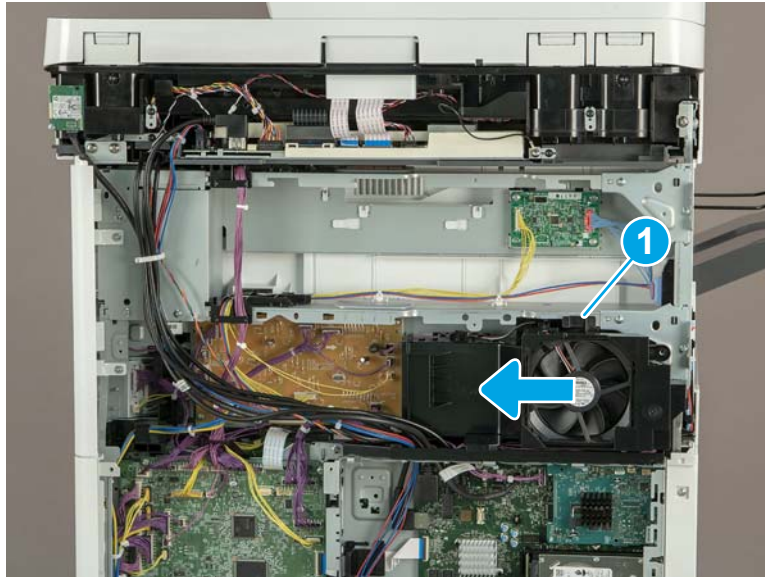
- d. Disconnect one connector (callout 1), and then remove one screw (callout 2).

**Figure 1-1267** Disconnect one connector and remove one screw



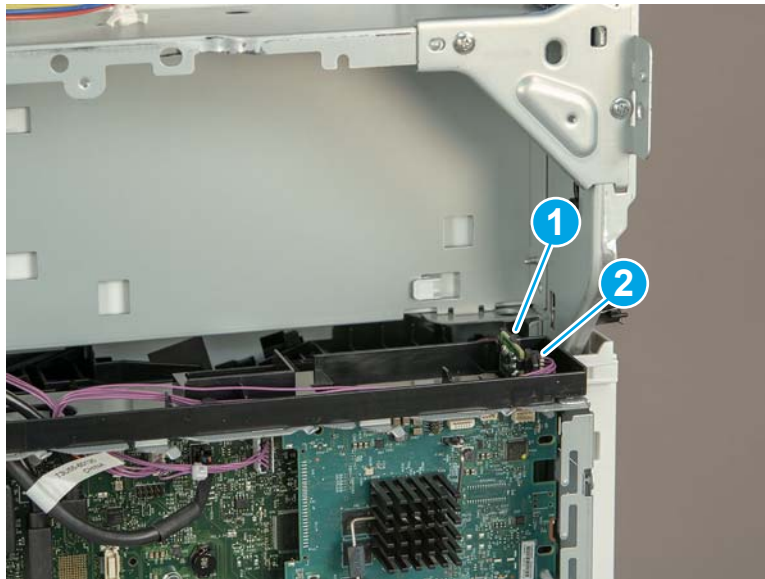
- e. Release one tab (callout 1), and then slide the fan assembly to the left to release it. Pull the assembly away from the printer to remove it.

Figure 1-1268 Remove the fan assembly




- f. Release one tab (callout 1) to release the PCA from the formatter cage, and then disconnect one connector (callout 2).

Figure 1-1269 Remove the memory PCA



- 6. Unpack the replacement assembly.
  - a. Dispose of the defective part.



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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Main connecting PCA (M751/E75245)

Learn how to remove and replace the main connecting PCA.

 [View a video of how to remove and replace the upper HVPS.](#)


Mean time to repair: 45 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-75** Part information

Part number	Part description
RM2-9618-000CN	Main connecting PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver



## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

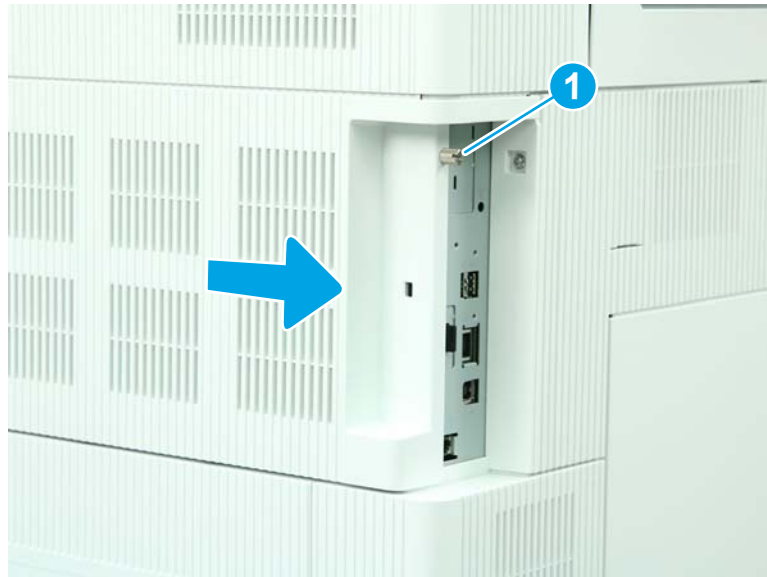
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

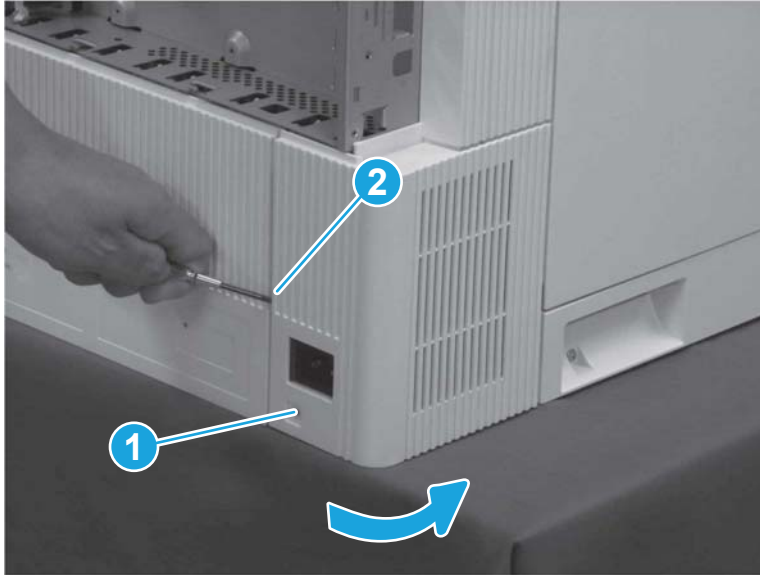
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1270** Remove the formatter cover



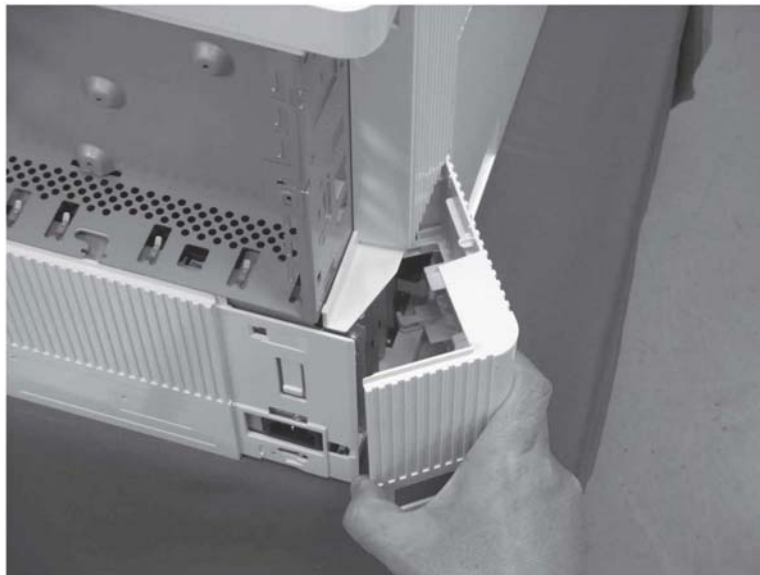
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1271 Remove one screw and release one tab



- b. Remove the left lower cover.

Figure 1-1272 Remove the left lower cover



- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1273 Remove one screw



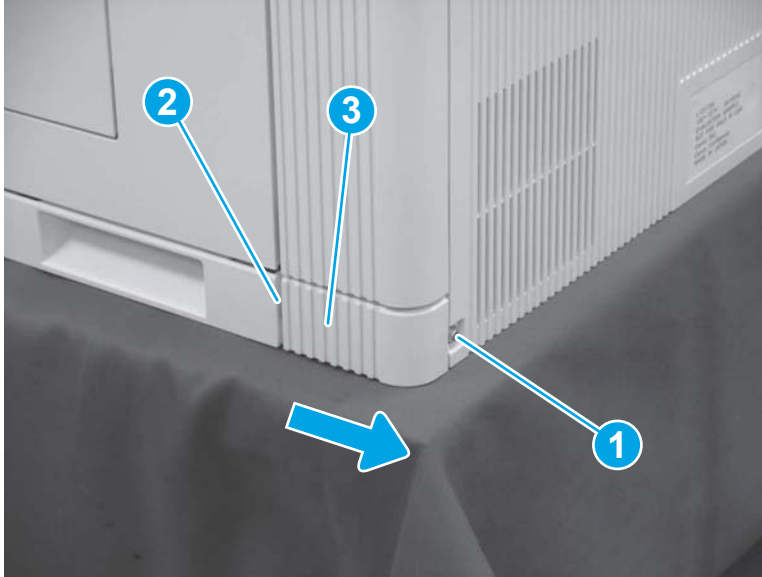
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-1274 Remove the left rear cover



- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

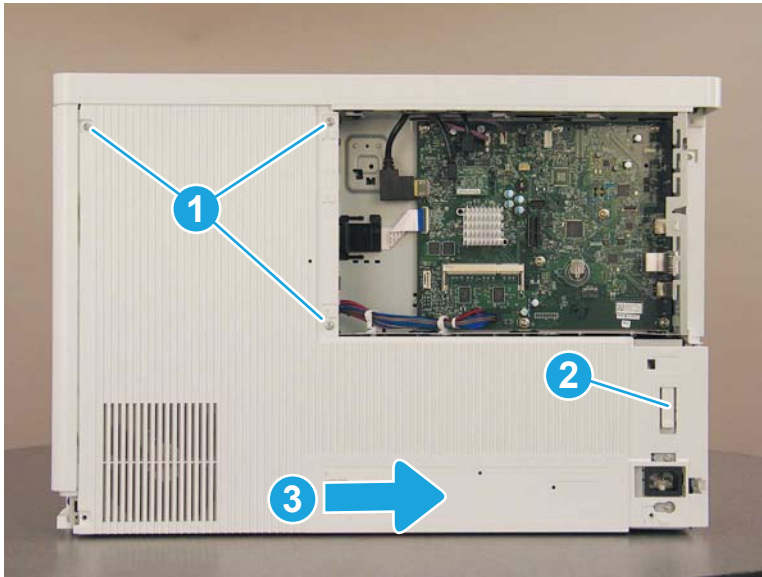
Figure 1-1275 Remove the right rear lower cover




5. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1276 Remove the rear cover

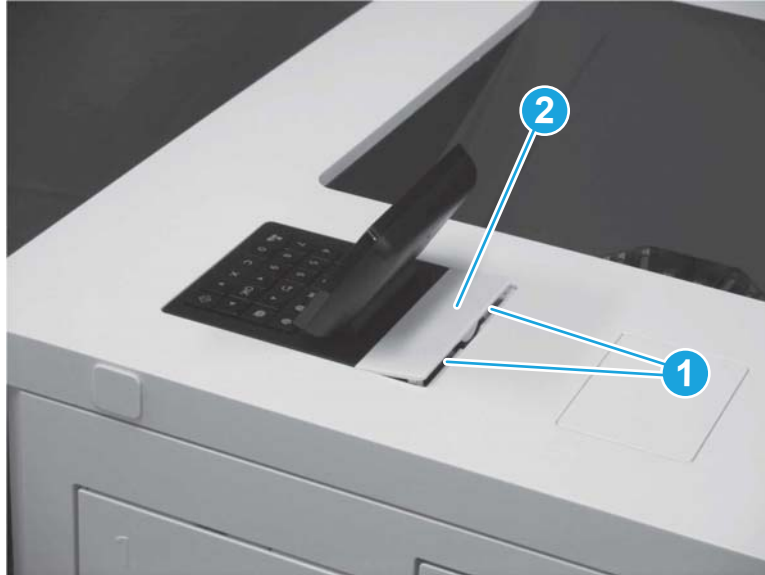


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1277 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1278 Remove one screw



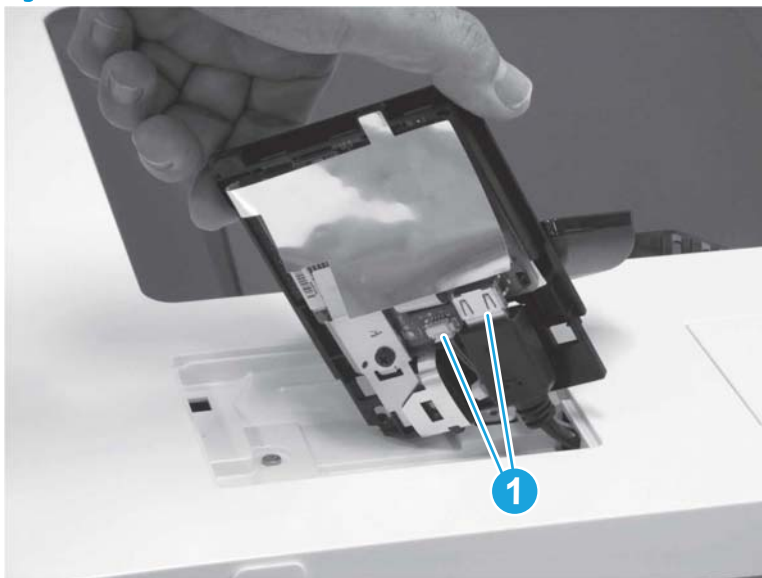
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-1279** Slide the control panel back



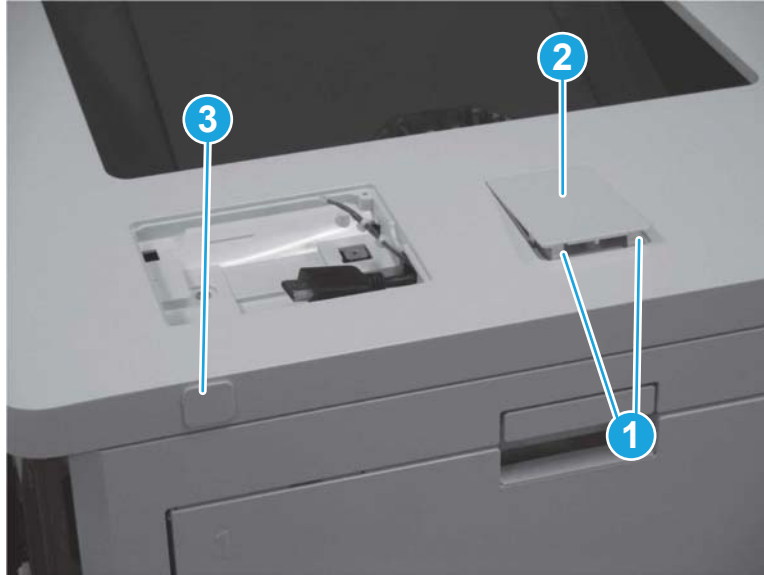
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1280** Disconnect two connectors



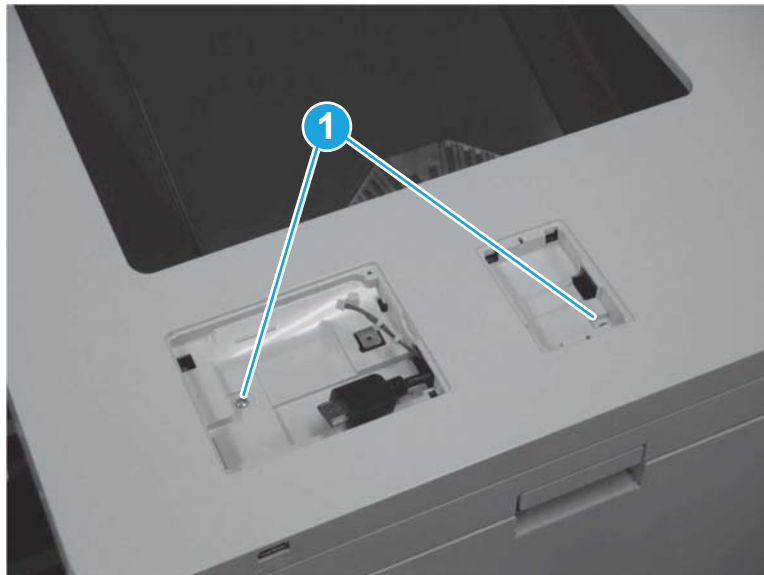
7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1281 Remove the HIP cover and USB cap



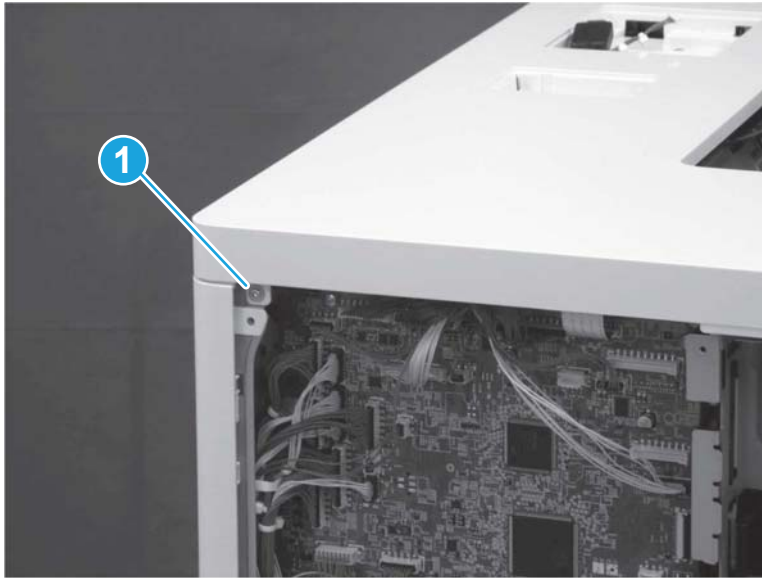
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1282 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1283 Remove one screw

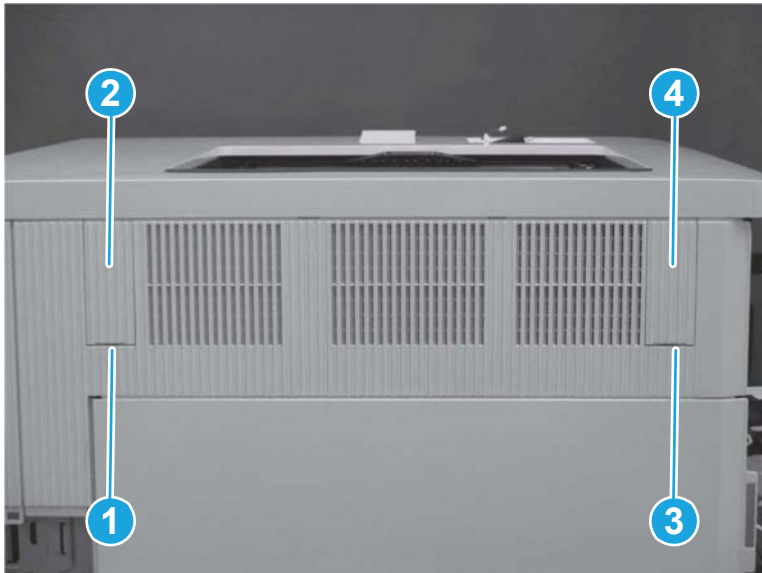


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

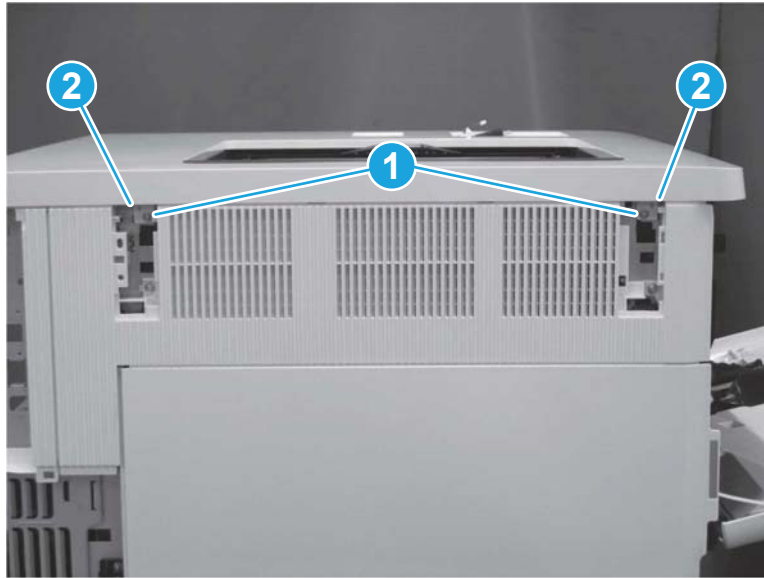
Figure 1-1284 Remove the left and right blanking covers





- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1285 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


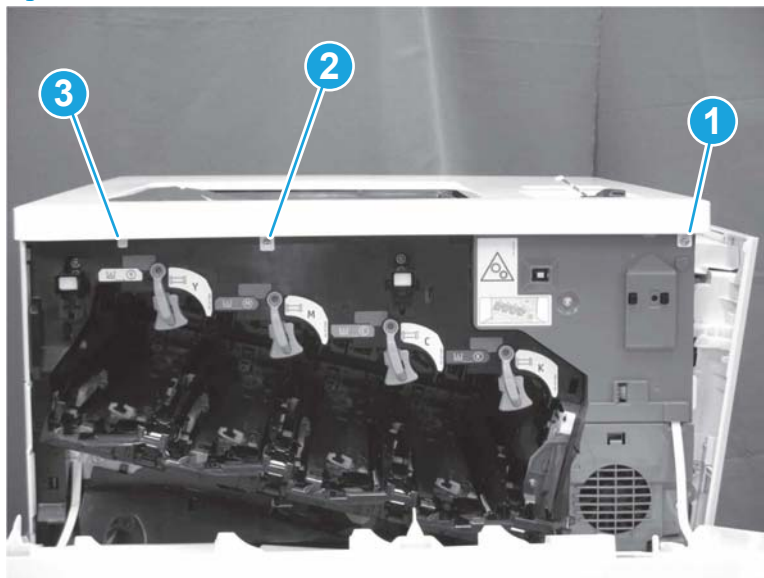
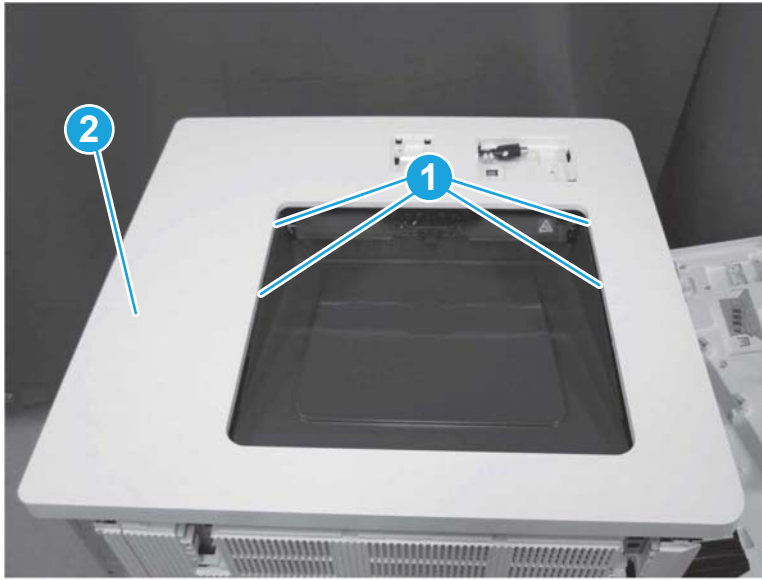
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


Figure 1-1286 Remove two screws and release one tab

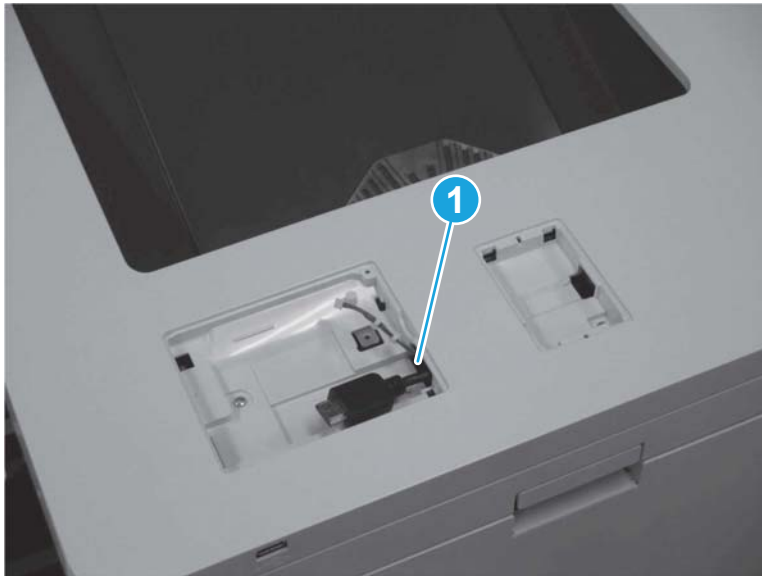


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-1287** Remove the top cover

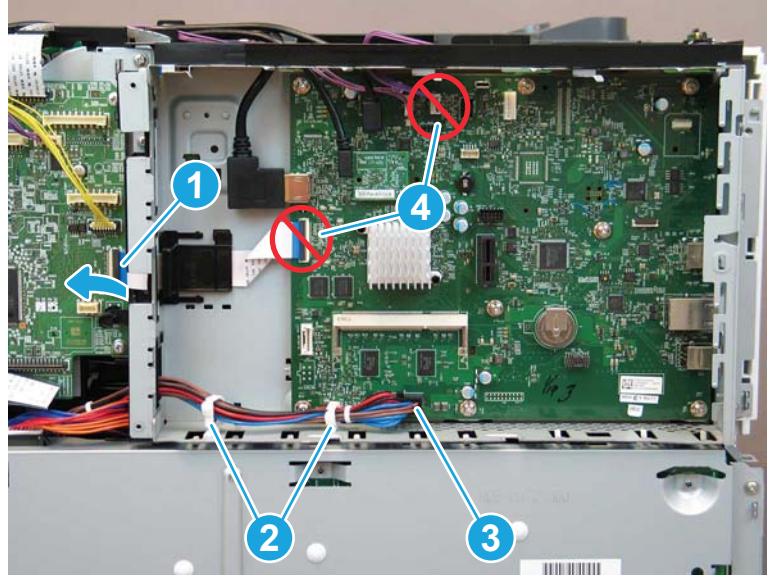


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



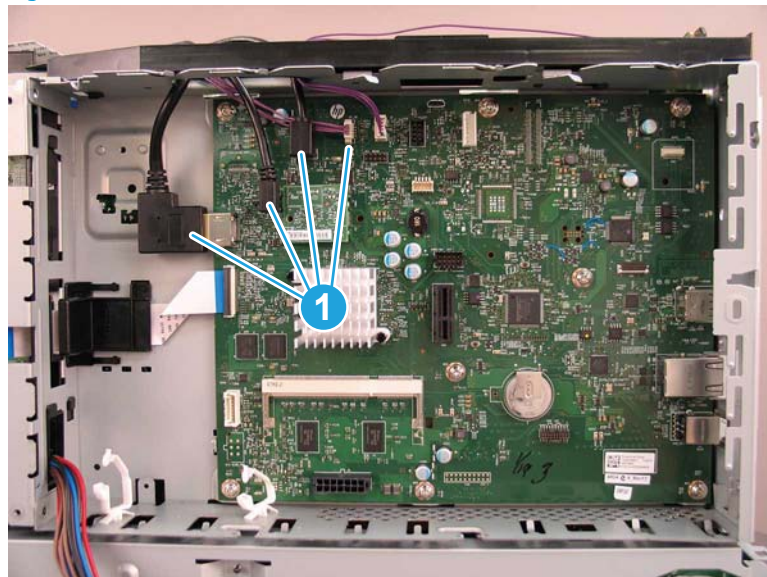
- 8.** Remove the formatter and case.
  - a.** Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-1288 Disconnect the connectors



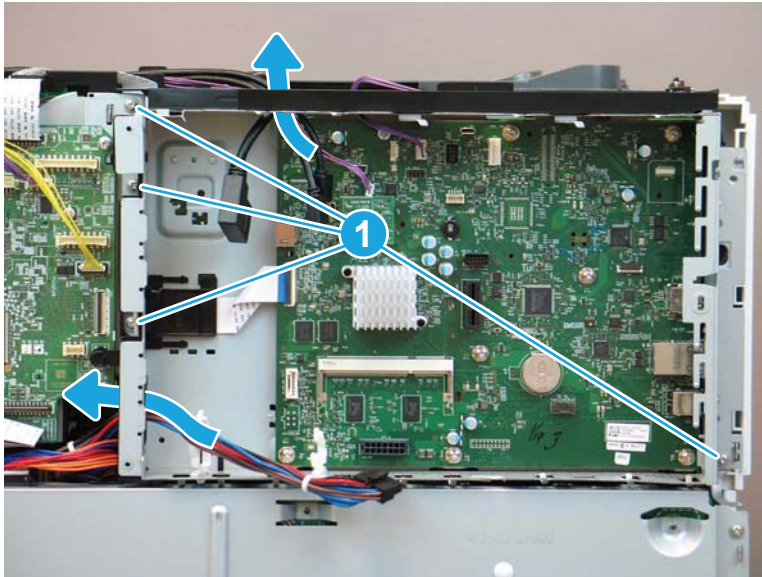
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-1289 Disconnect the connectors



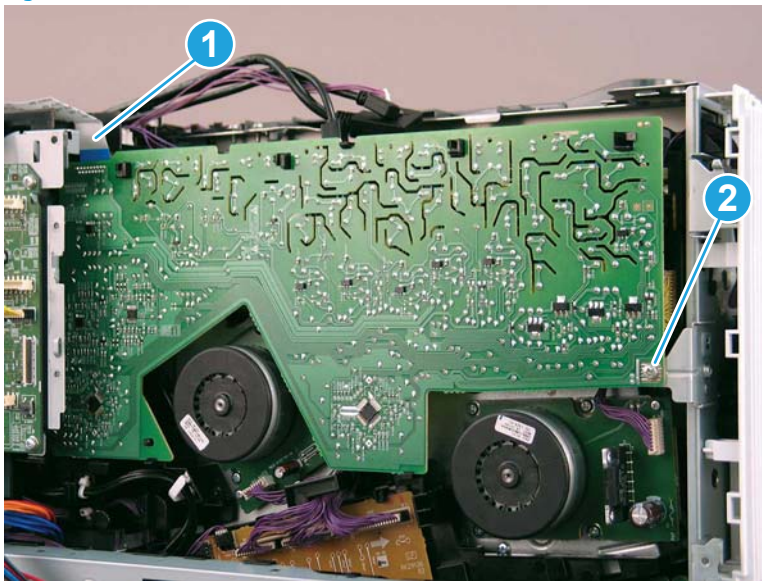
- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

Figure 1-1290 Remove the formatter and case



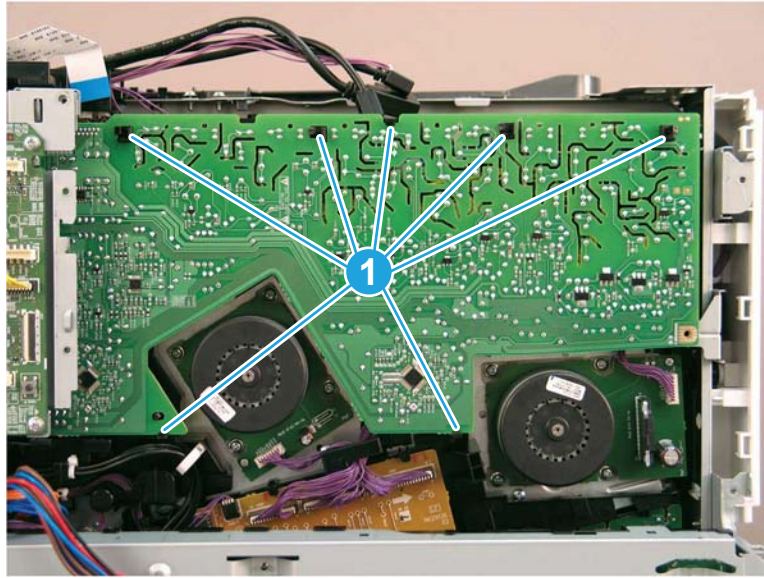
- 9. Remove the upper high-voltage power supply A (upper HVPS).
  - a. Disconnect one flat cable (callout 1), and then remove one screw (callout 2).

Figure 1-1291 Disconnect one flat cable and remove one screw



- b. Release seven tabs (callout 1), and then remove the upper HVPS.

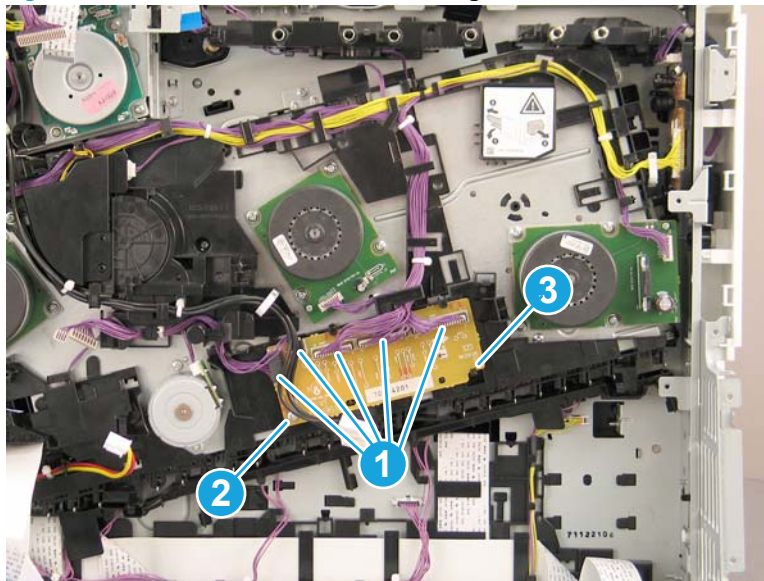
**Figure 1-1292** Release seven tabs and remove the upper HVPS



- 10. Remove the main connecting PCA.

- ▲ Disconnect five connectors (callout 1), and then remove one screw (callout 2). Release one tab (callout 3), and then remove the main connecting PCA.


**Figure 1-1293** Remove the main connecting PCA



- 11. Unpack the replacement assembly.

- a. Dispose of the defective part.



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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.


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- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Main connecting PCA (M856/E85055/M776)

Learn how to remove and replace the main connecting PCA.

 [View a video of how to remove and replace the main connecting PCA.](#)


Mean time to repair: 45 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-76** Part information

Part number	Part description
RM2-9618-000CN	Main connecting PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

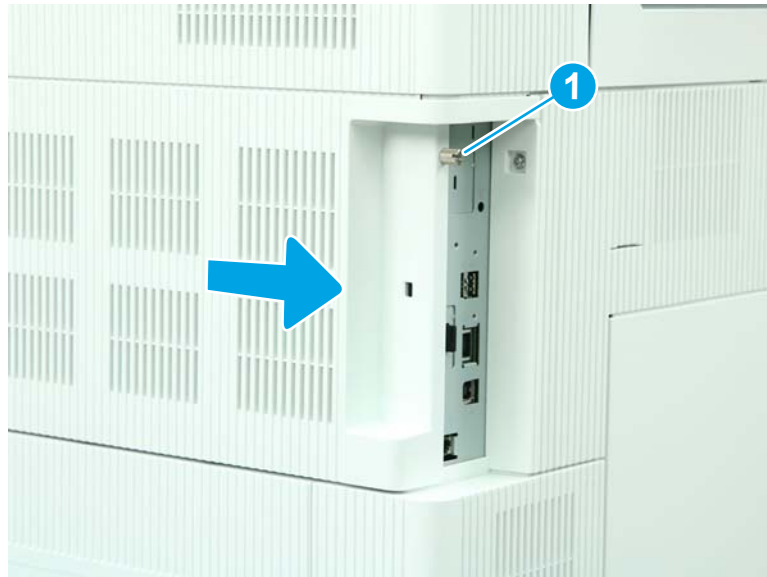
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

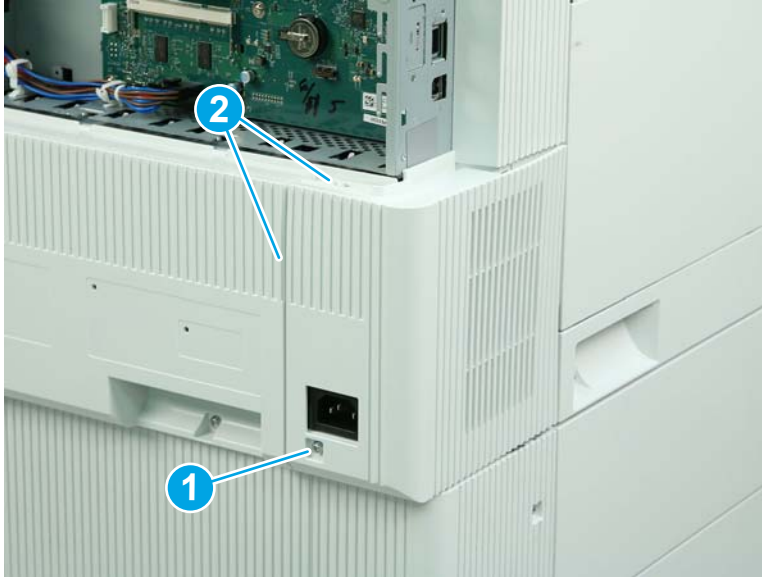
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1294 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1295 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

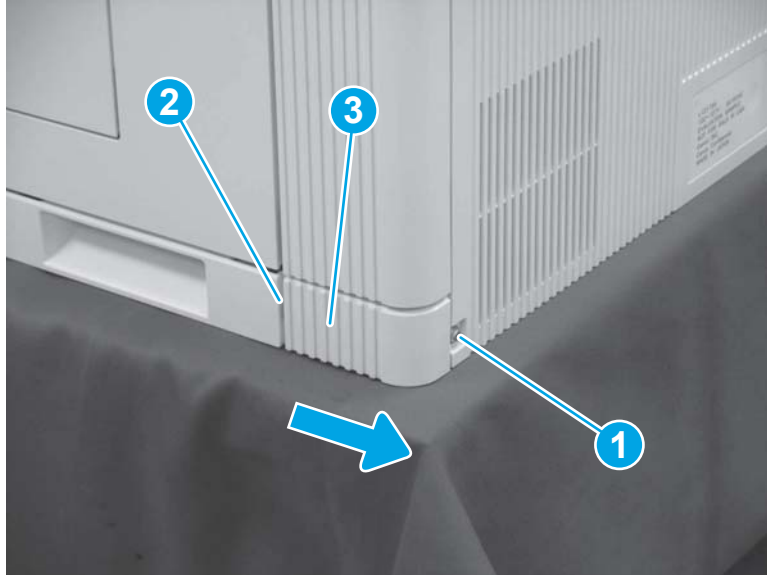
Figure 1-1296 Remove the left lower cover



- 3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

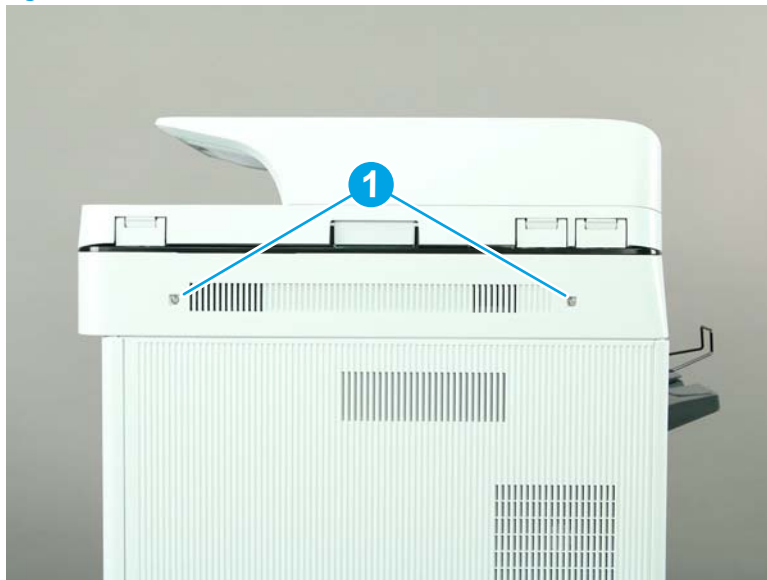


Figure 1-1297 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1298 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1299** Remove the SCB cover

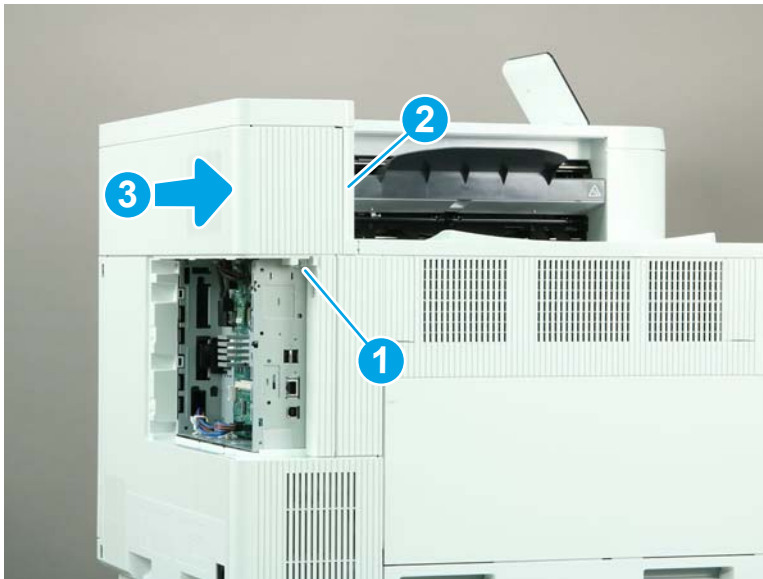


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

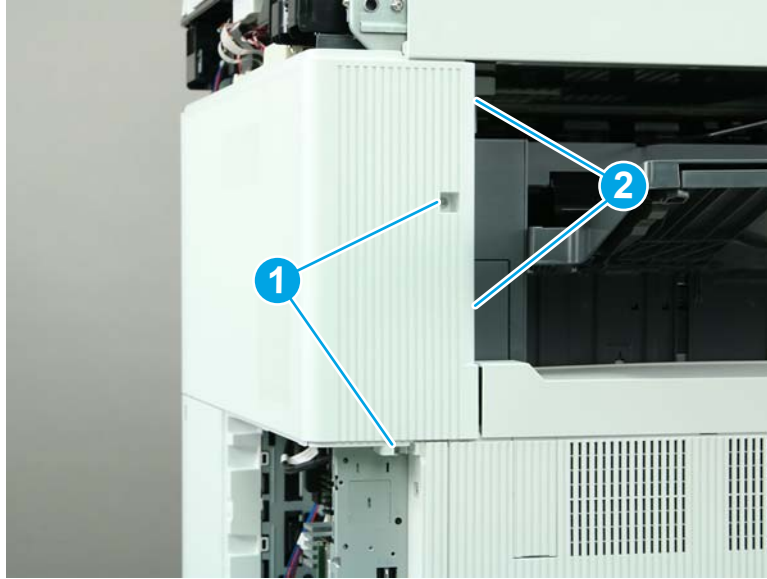
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-1300** Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1301 Remove two screws and release two tabs



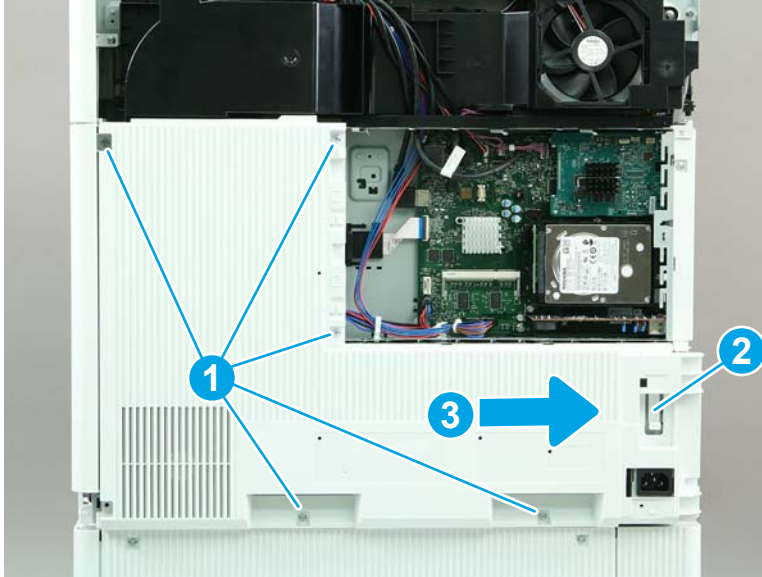
- b. Slide the cover to the right to remove it.

Figure 1-1302 Remove the rear upper and left rear upper cover



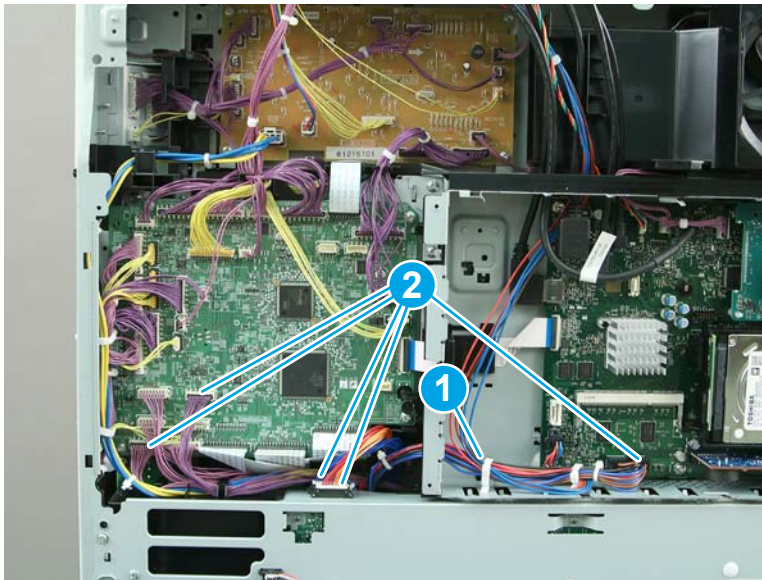
- 7. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1303 Remove the rear cover (M856/E85055/M776)



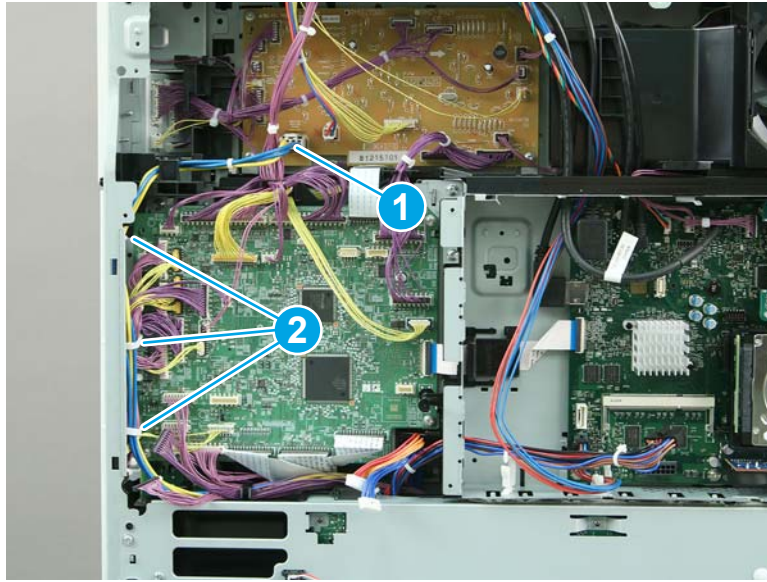
8. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-1304 Release the retainer and disconnect five connectors



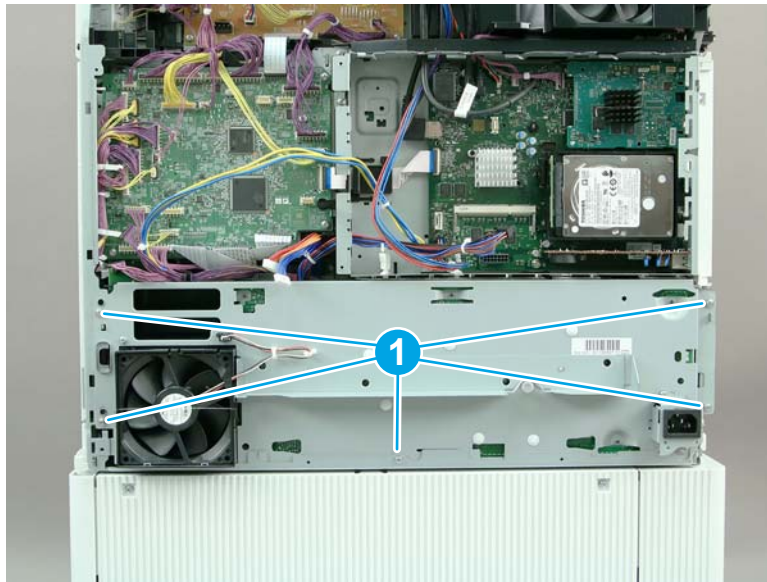
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-1305 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-1306 Remove five screws

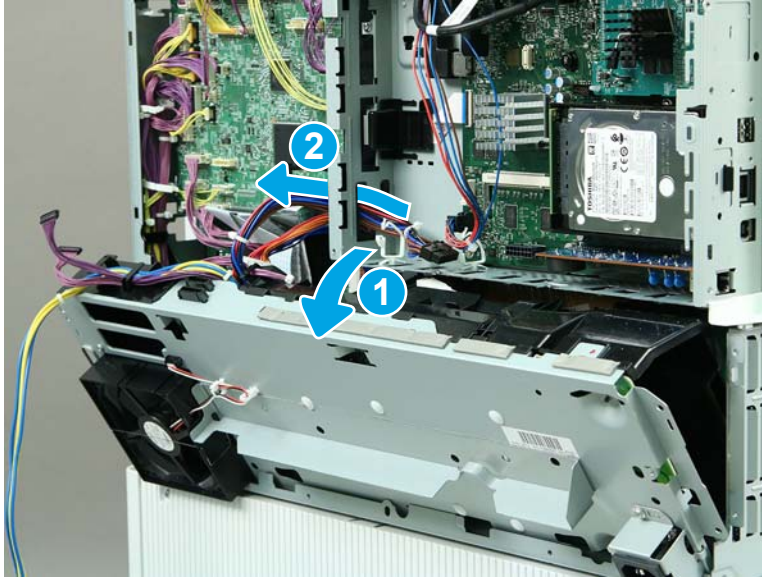


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

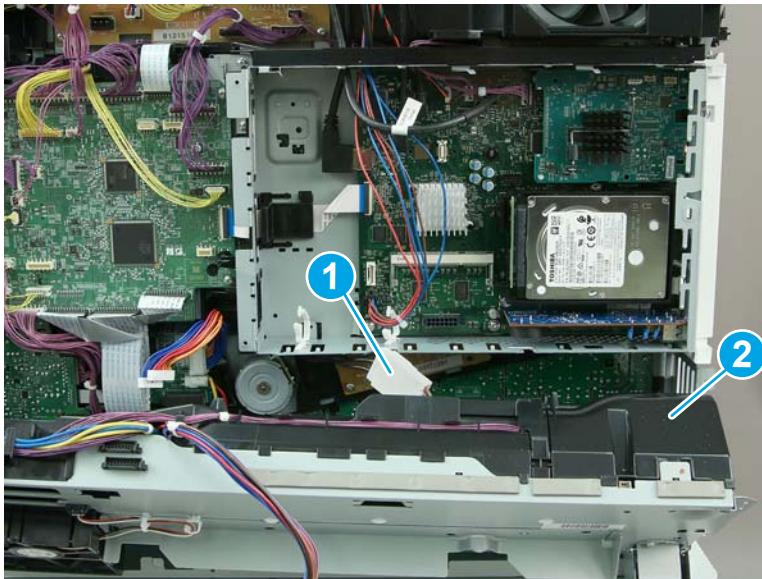
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-1307 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).


Figure 1-1308 Remove the LVPS



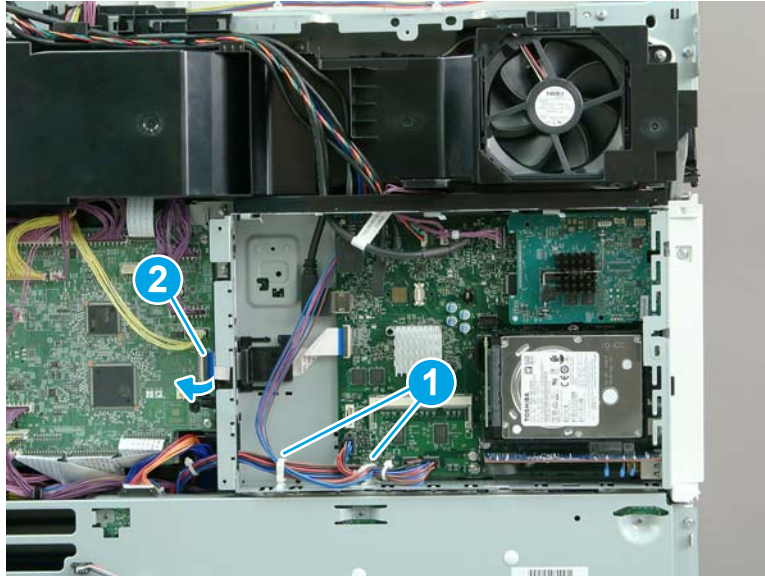
- 9. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

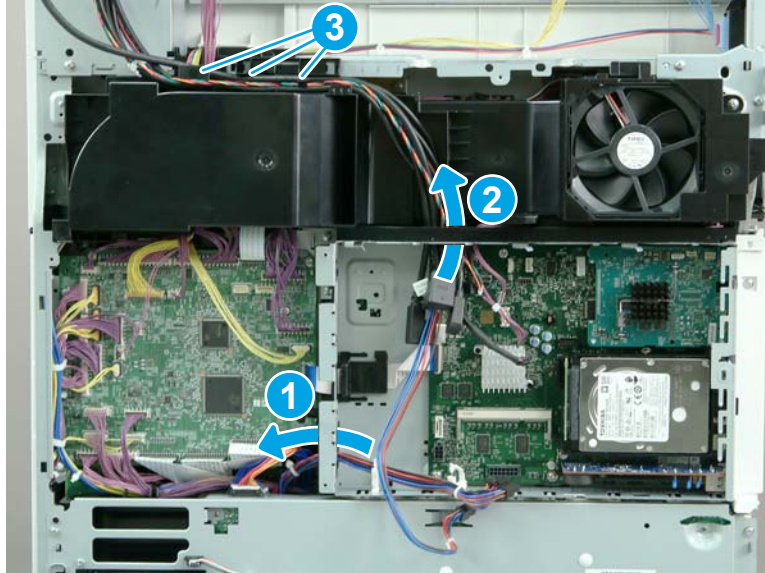
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

**Figure 1-1309** Disconnect the connectors



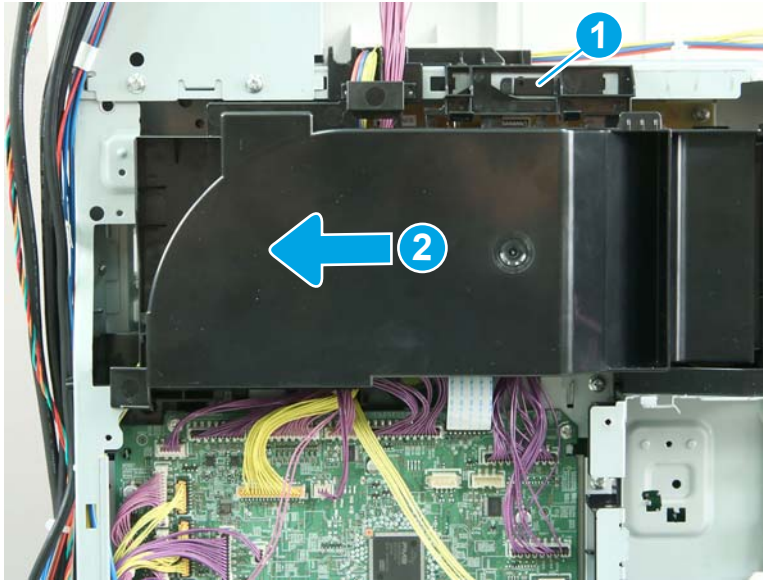
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

**Figure 1-1310** Release the cables



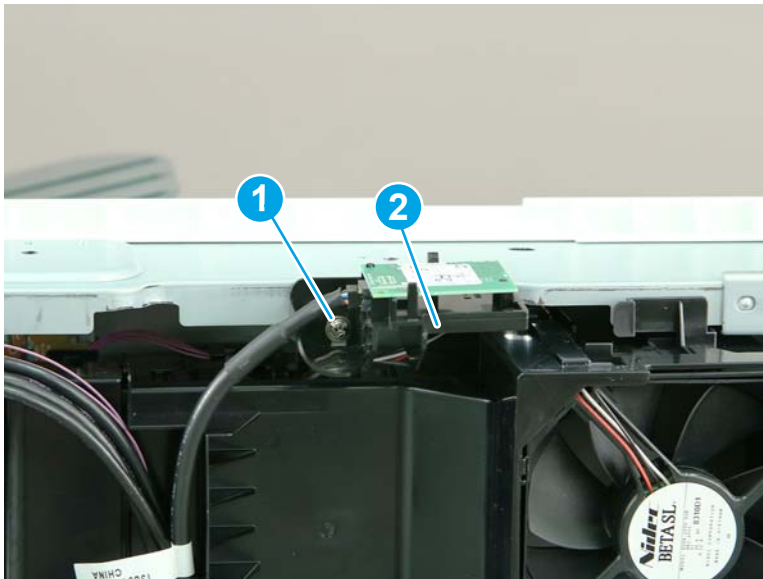
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1311 Remove the fan duct



- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

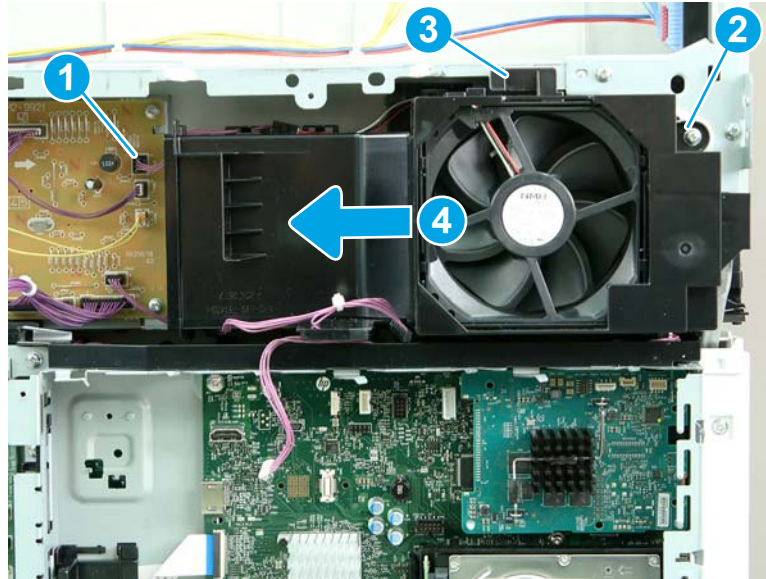
Figure 1-1312 Remove the wireless card and bracket





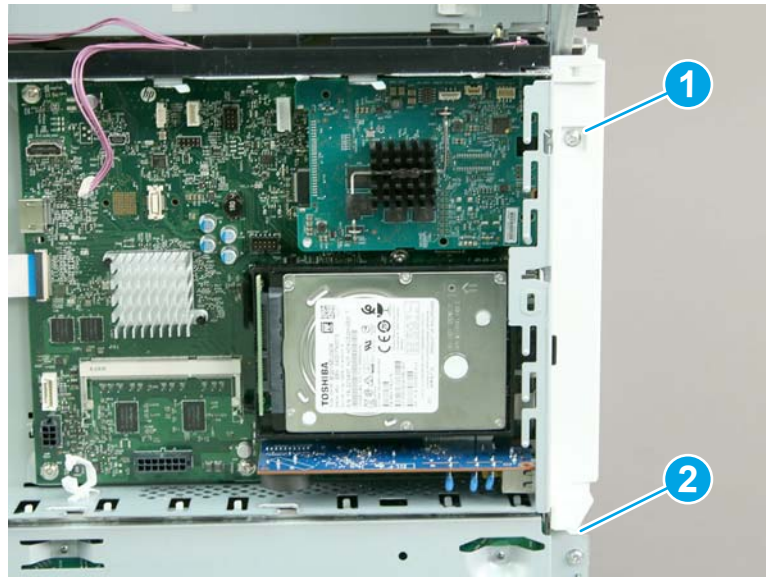
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-1313 Remove the fan assembly



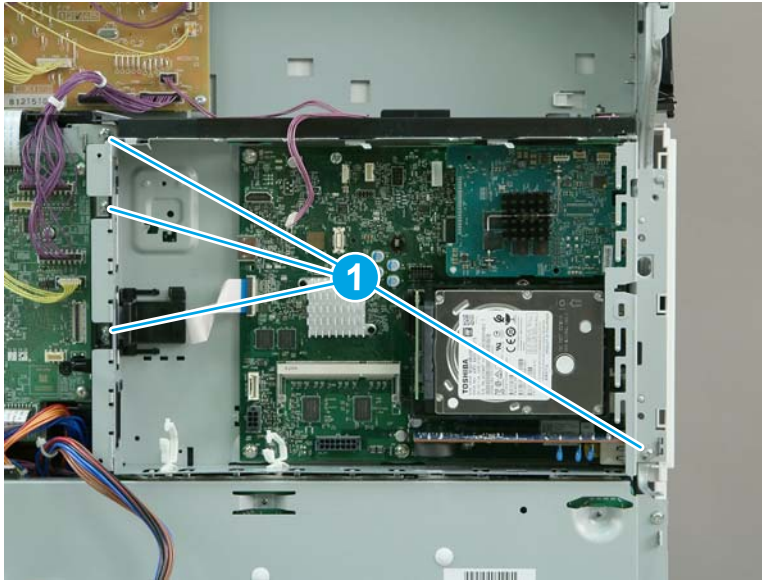
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-1314 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-1315 Remove four screws



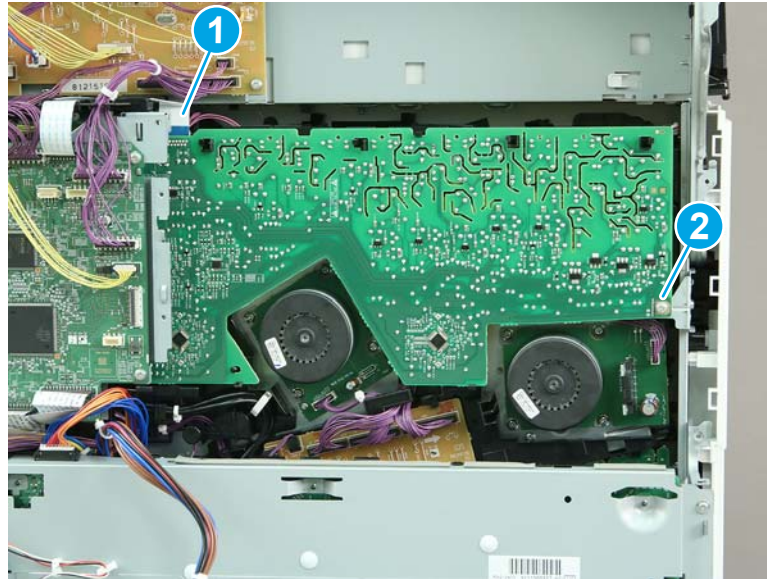
- h. Remove the formatter and case.

Figure 1-1316 Remove the formatter and case



- 10. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-1317 Disconnect one connector and remove one screw



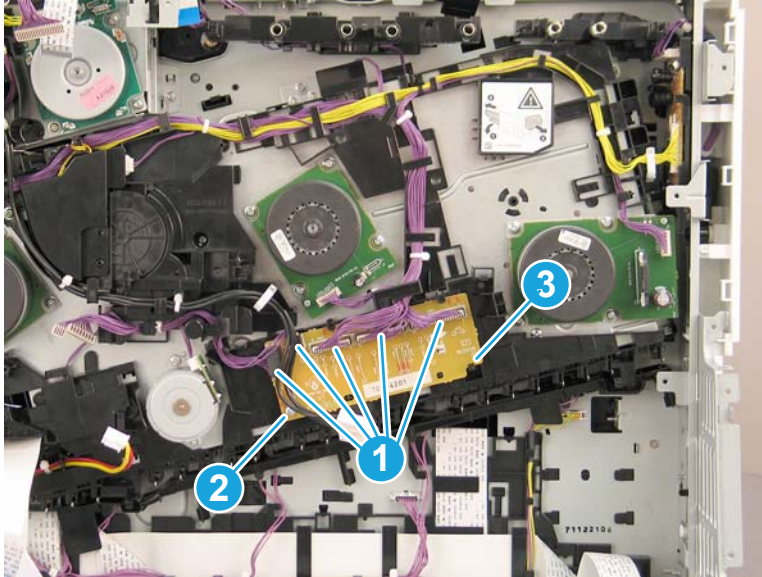
- b. Release six tabs (callout 1), and then remove the upper HVPS.

Figure 1-1318 Release six tabs



- 11. Remove the main connecting PCA.
  - ▲ Disconnect five connectors (callout 1), and then remove one screw (callout 2). Release one tab (callout 3), and then remove the main connecting PCA.

Figure 1-1319 Remove the main connecting PCA



12. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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### Removal and replacement: Controller fan (M856/E85055/M776)

Learn how to remove and replace the controller fan.

Mean time to repair: 10 minutes


Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-77 Part information**

Part number	Part description
RK2-9148-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

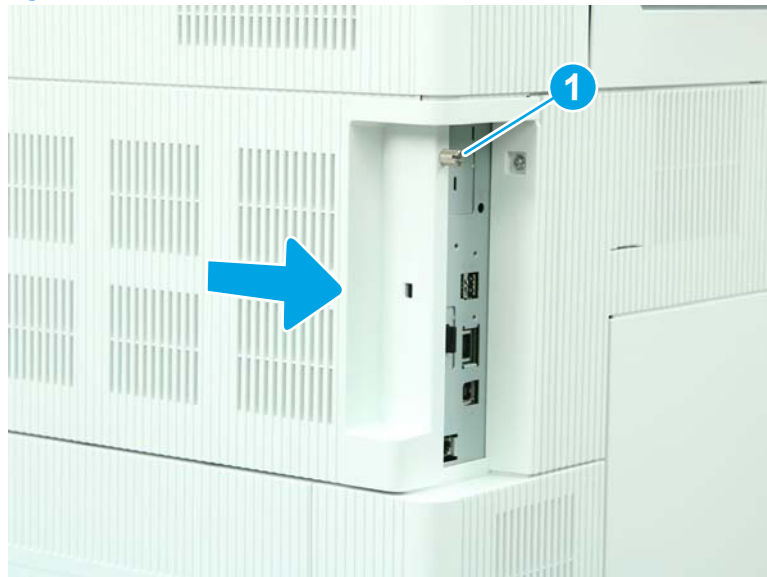
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

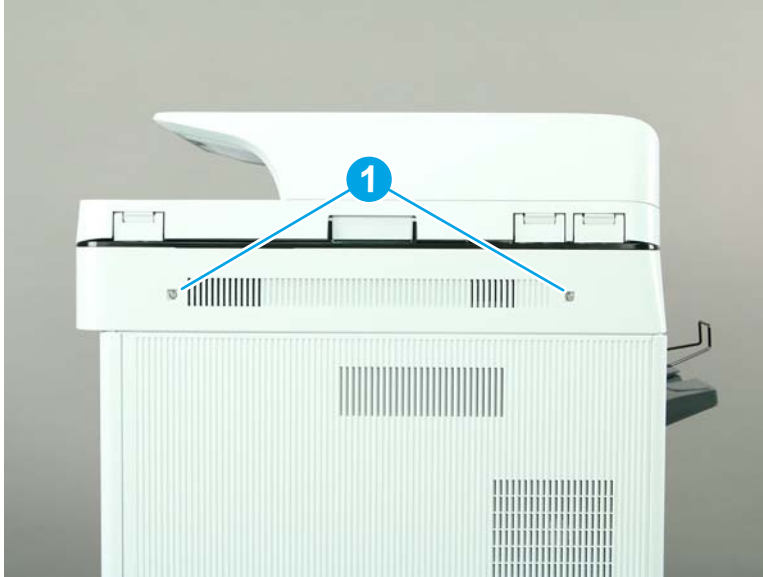
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1320** Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1321 Remove two screws



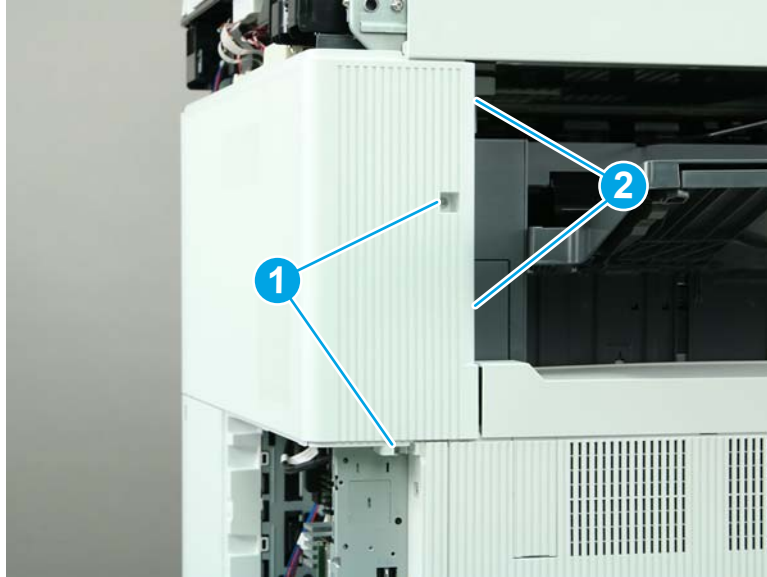
- b. Remove the SCB cover.

Figure 1-1322 Remove the SCB cover



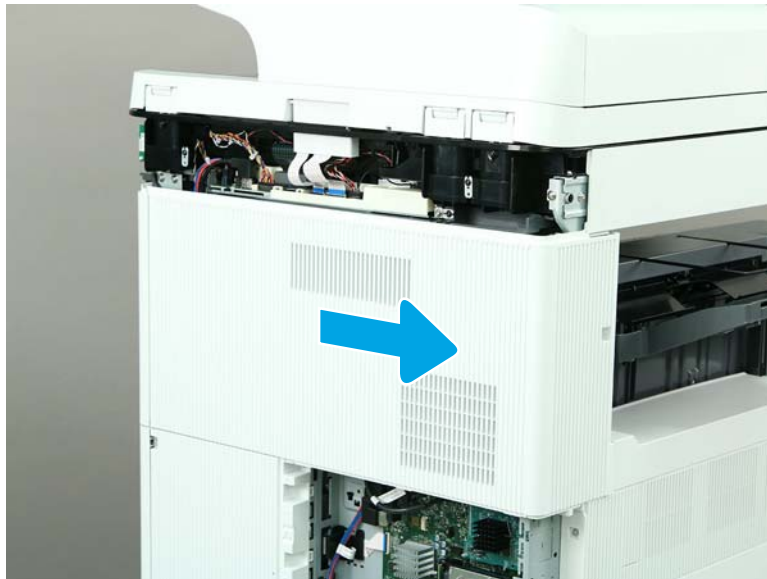
- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1323 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-1324 Remove the rear upper and left rear upper cover

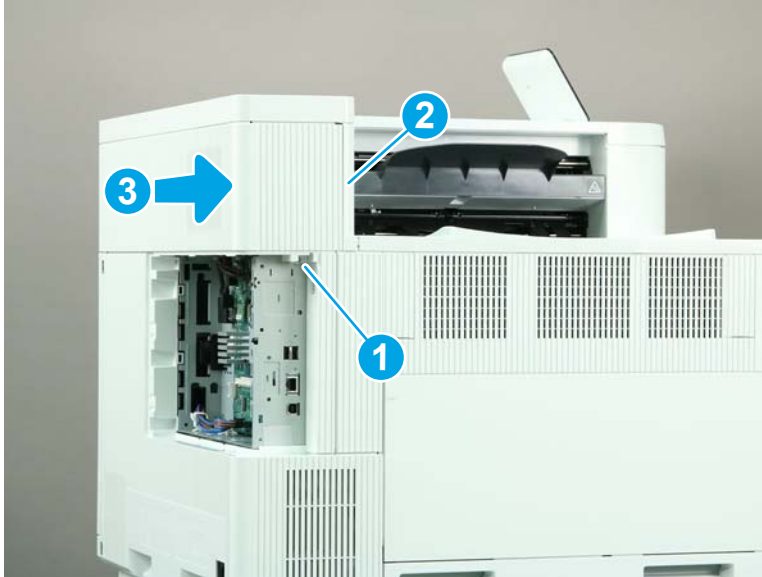


- 4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

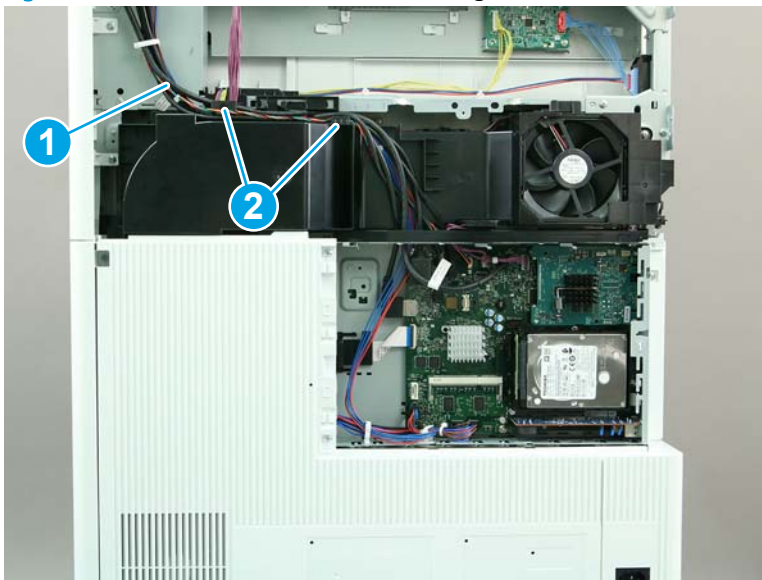
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-1325 Remove the rear upper cover



5. Remove the controller fan (M856/E85055/M776).
  - a. Release the cables (callout 1) from the guides (callout 2).

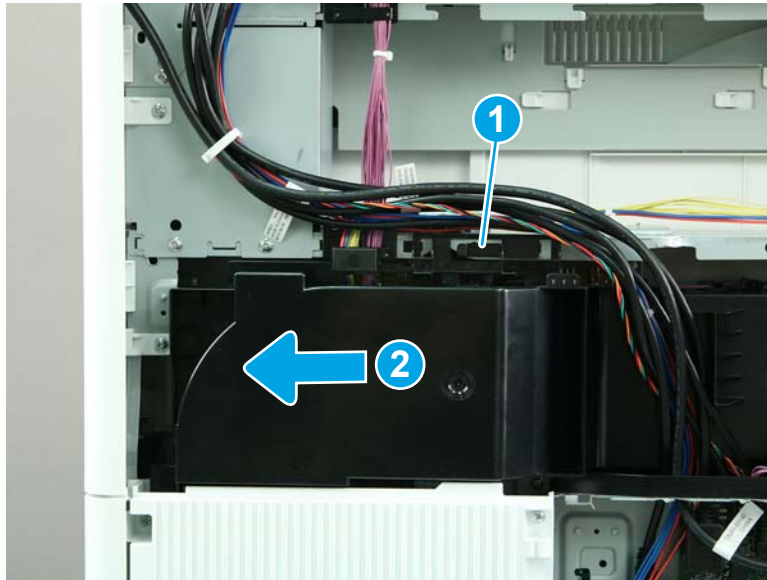
Figure 1-1326 Release the cables from the guides



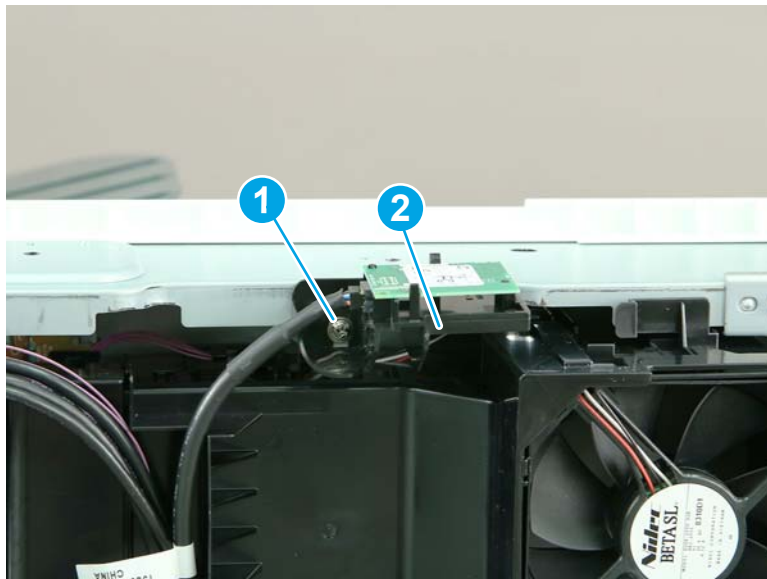


- b. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Remove the fan duct

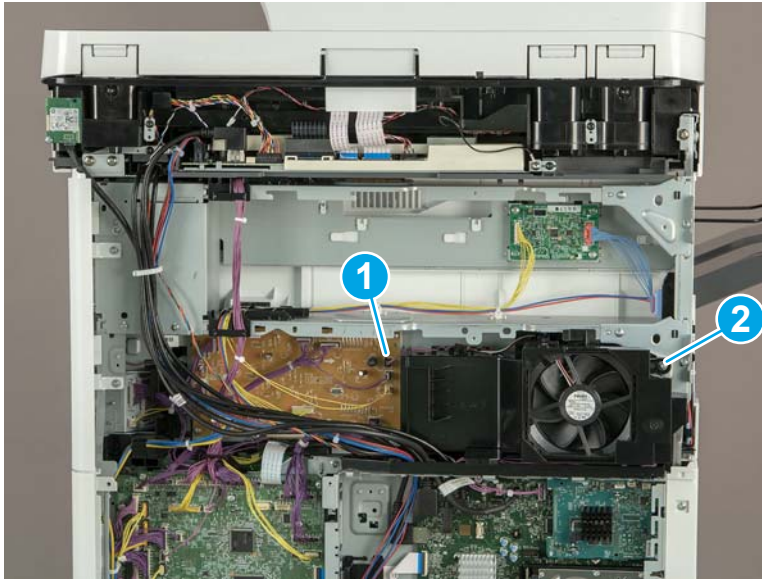


- c. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).



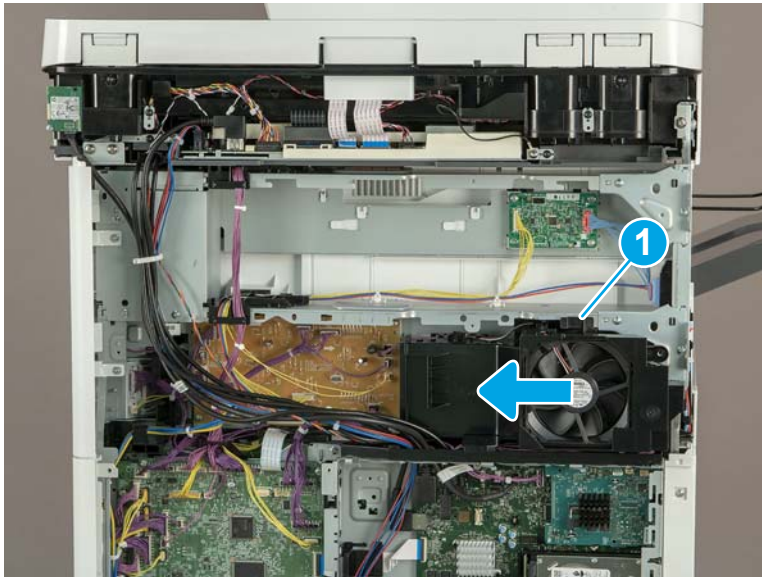
- d. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-1327 Disconnect one connector and remove one screw



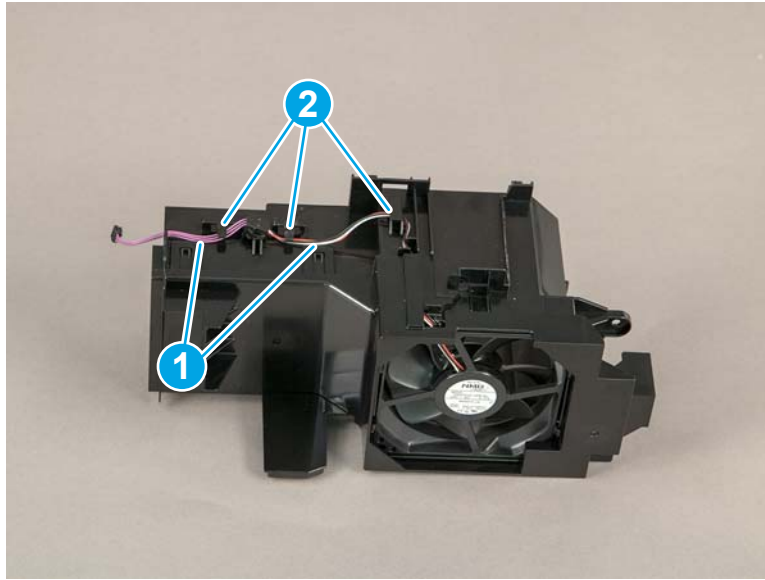
- e. Release one tab (callout 1), and then slide the fan assembly to the left to release it. Pull the assembly away from the printer to remove it.

Figure 1-1328 Remove the fan assembly



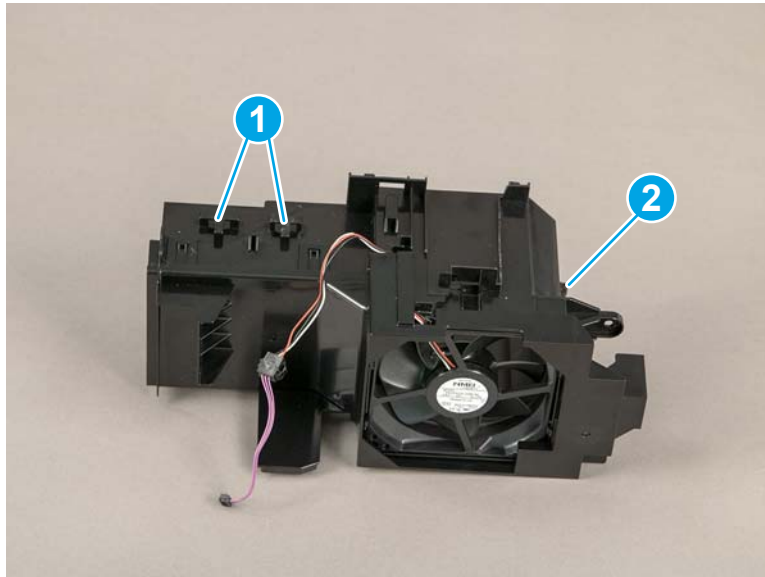
- f. Release the cables (callout 1) from the retainers (callout 2) on the fan housing.

Figure 1-1329 Release the cables



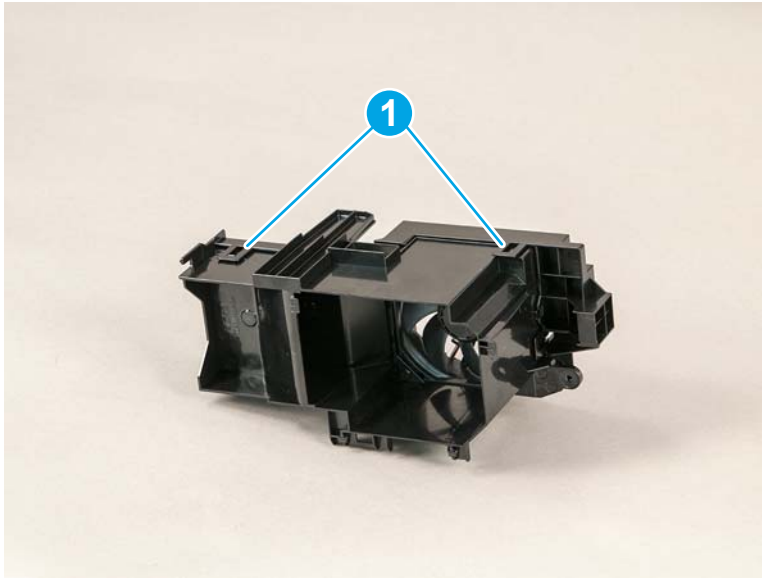
- g. Release two tabs (callout 1) on the top of the fan housing, and then release one tab (callout 2) on the end.

Figure 1-1330 Release three tabs



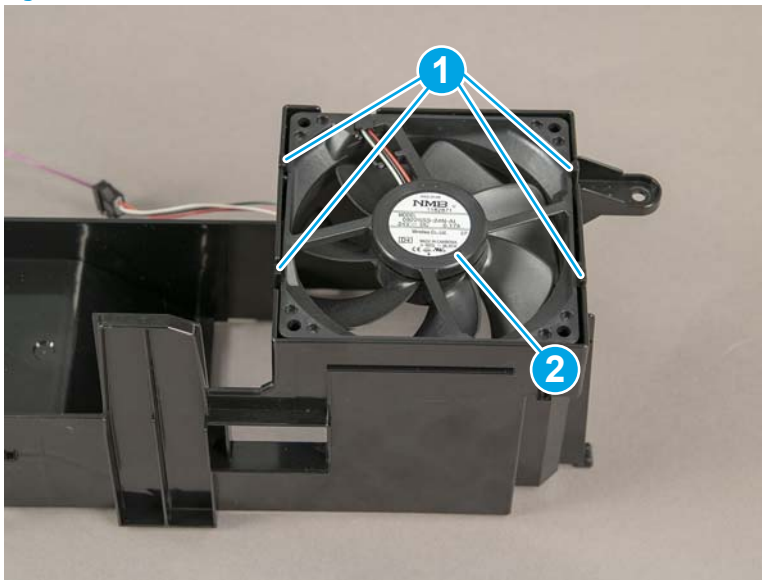
- h. Release two tabs (callout 1) on the bottom of the fan housing.

Figure 1-1331 Release two tabs



- i. Separate the fan housing. Release four tabs (callout 1), and then remove the controller fan (callout 2).

Figure 1-1332 Remove the controller fan



- 6. Unpack the replacement assembly.
  - a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Laser scanner (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the laser scanner.

 [View a video of how to remove and replace the laser scanner.](#)


Mean time to repair: 7 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-78** Part information

Part number	Part description
RM2-1328-020CN	Laser scanner assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

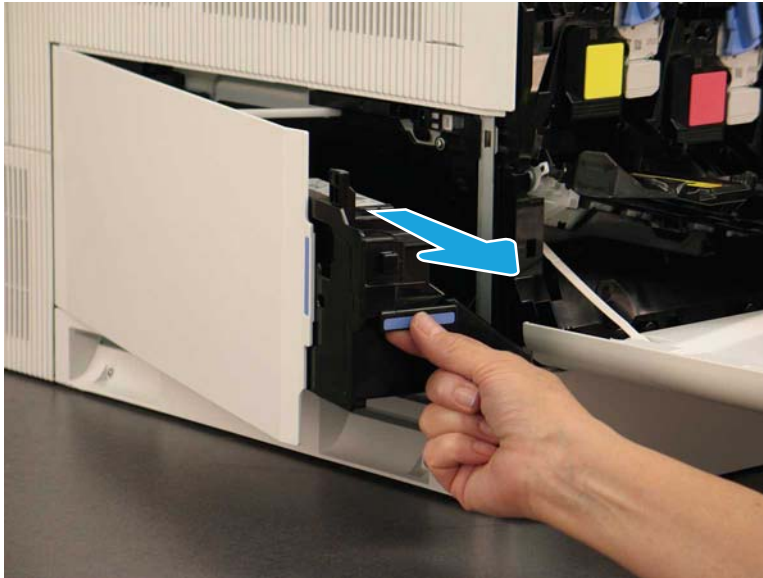
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

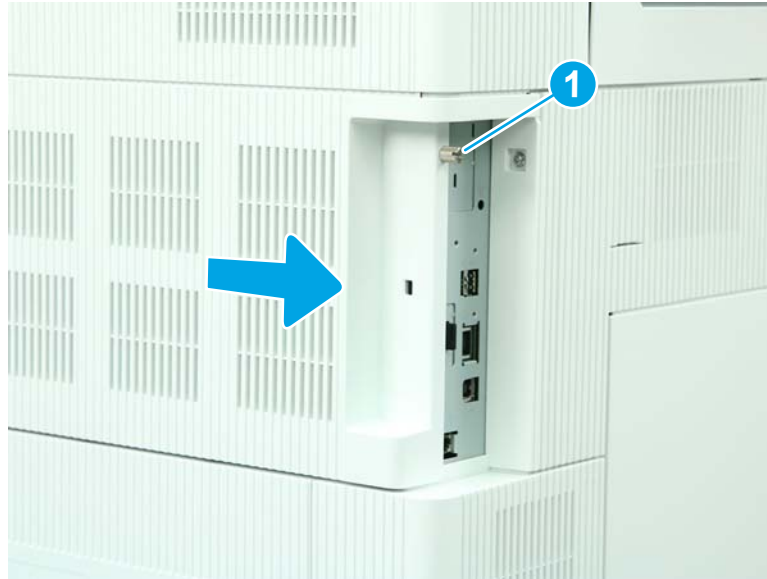
1. Remove the TCU.
  - ▲ Open the front door, and then open the left door. Grasp the front of the toner-collection unit, and then remove it from the printer.

**Figure 1-1333** Remove the TCU



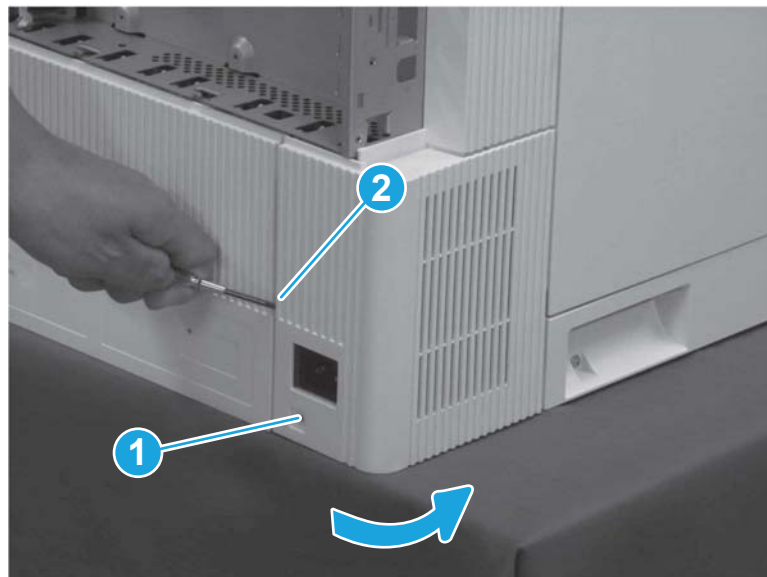
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1334 Remove the formatter cover



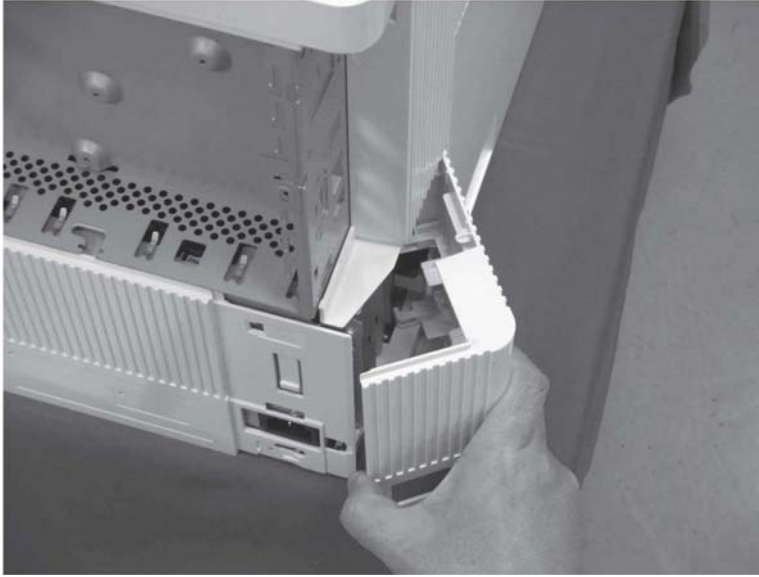
3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1335 Remove one screw and release one tab



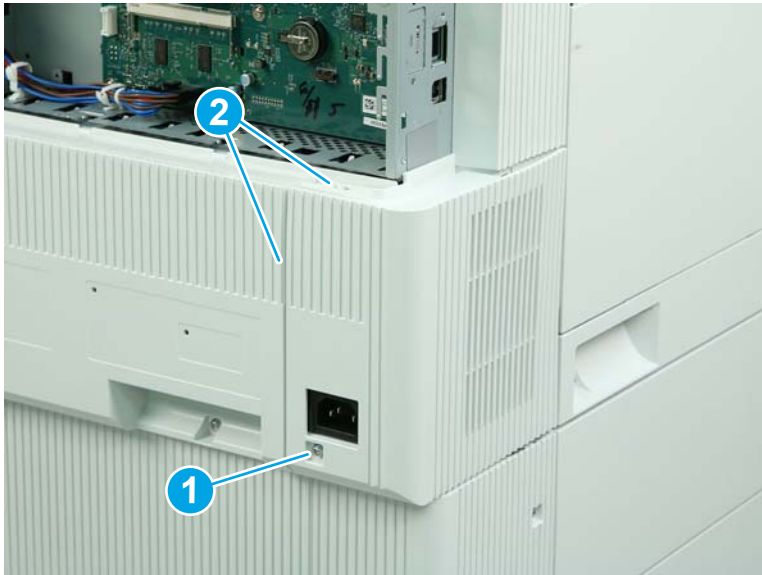
- b. Remove the left lower cover.

Figure 1-1336 Remove the left lower cover



- 4. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1337 Remove one screw and release two tabs





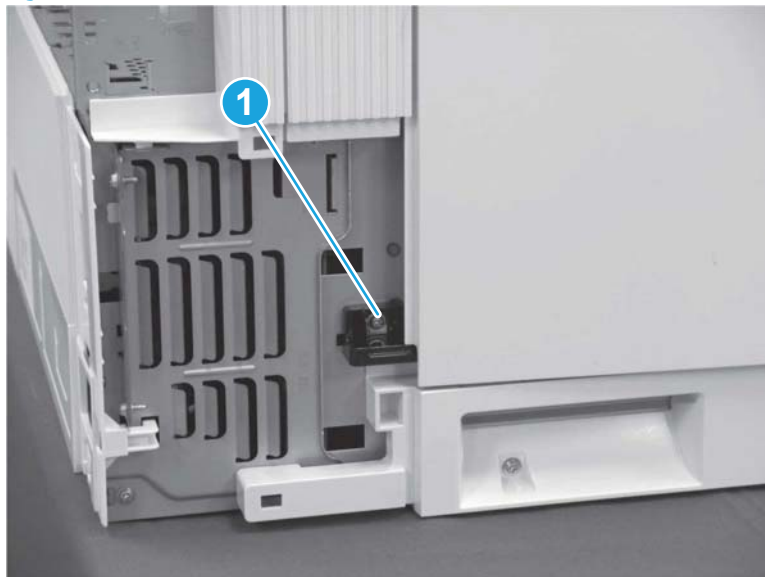
- b. Rotate the cover away from the printer to remove it.

Figure 1-1338 Remove the left lower cover



- 5. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-1339 Remove one screw



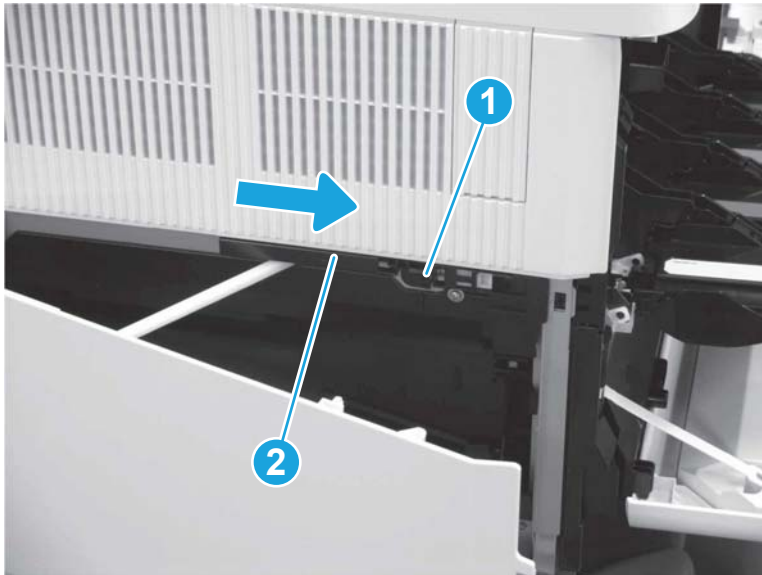
- b. Release the holder, and then remove it from the printer.

Figure 1-1340 Remove the holder



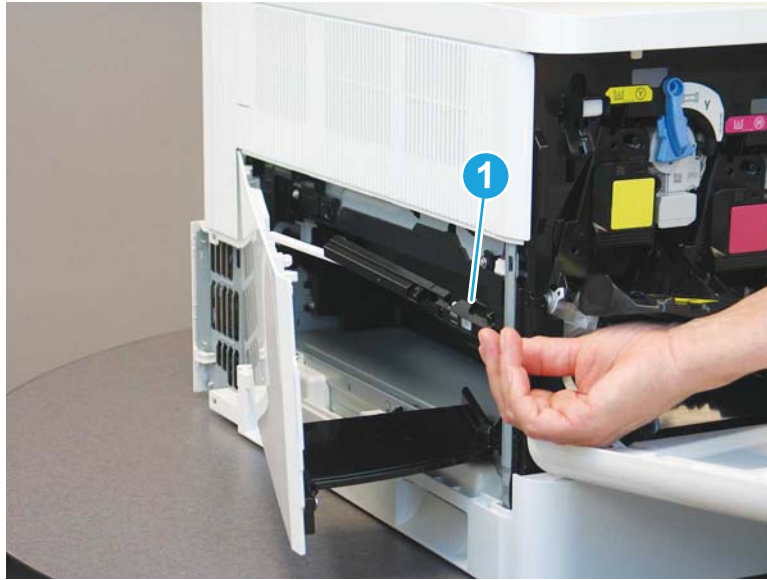
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-1341 Slide the holder



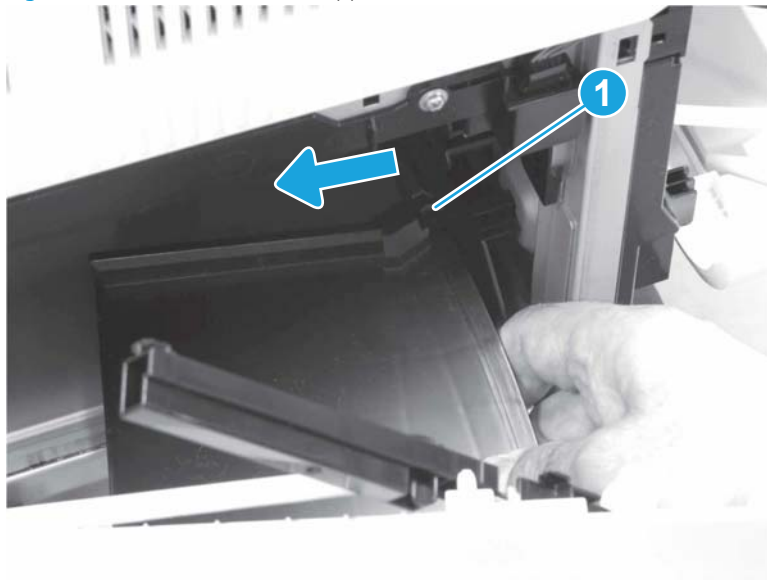
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-1342 Release the holder



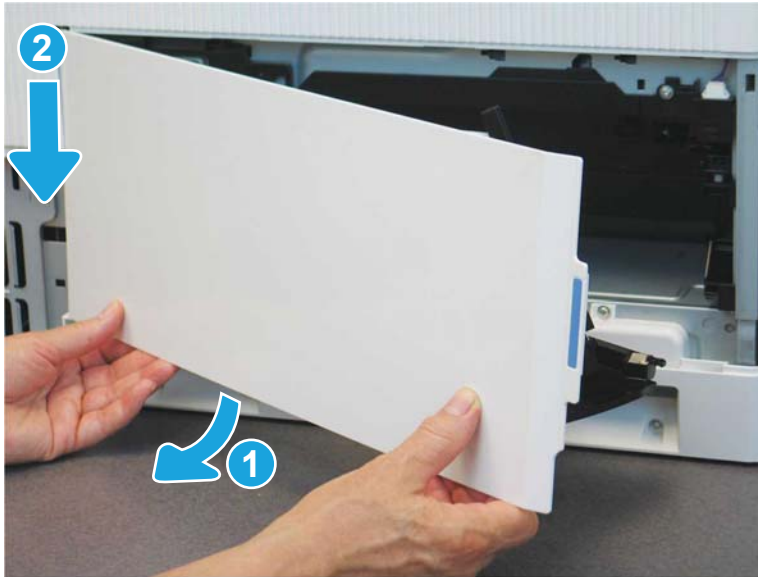
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-1343 Release the stopper



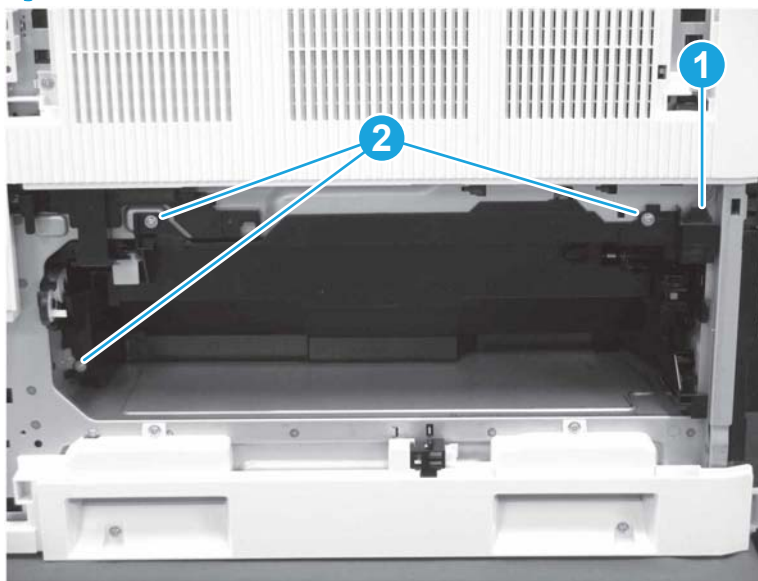
- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-1344 Remove the left door



- 6. Remove the scanner cover.
  - a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

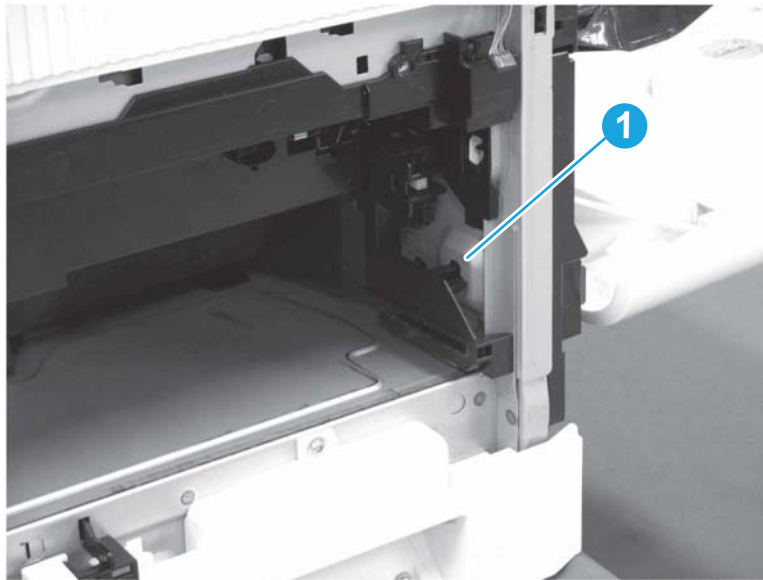
Figure 1-1345 Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.


- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

Figure 1-1346 Remove the scanner cover



- 7. Remove the laser scanner.

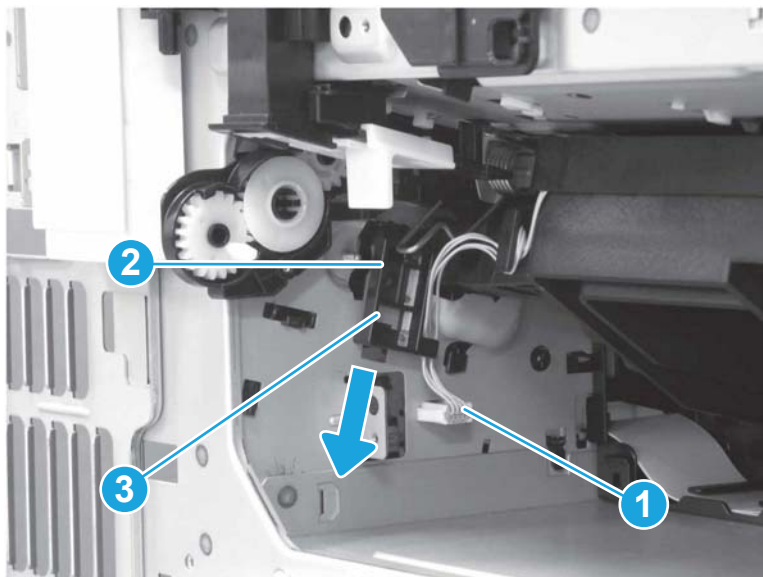
---

 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

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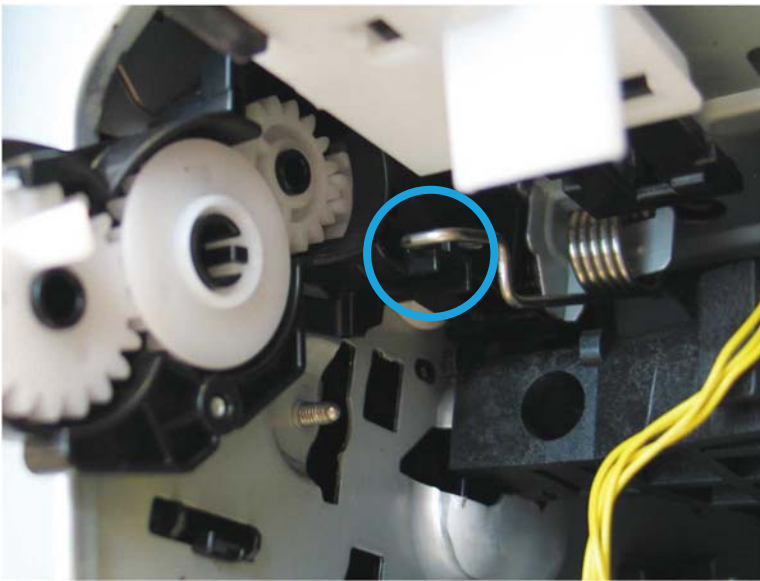
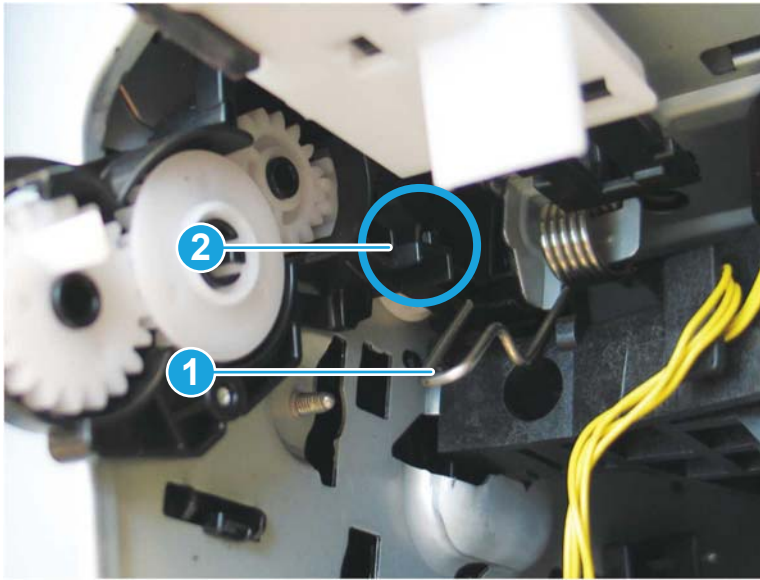
- a. Disconnect one connector (callout 1), release one tab (callout 2), and then slide the stopper (callout 3) down to remove it.


Figure 1-1347 Remove the stopper

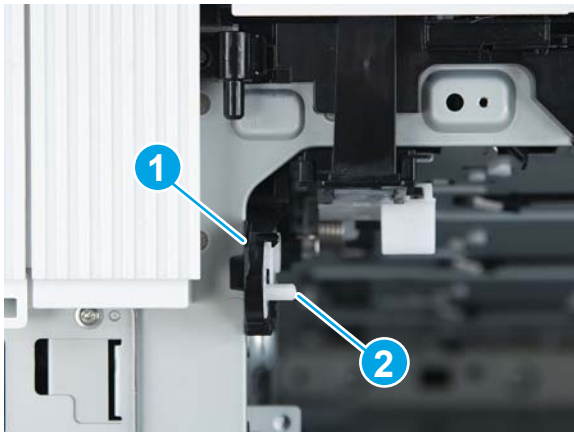


- b. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-1348 Hook the spring

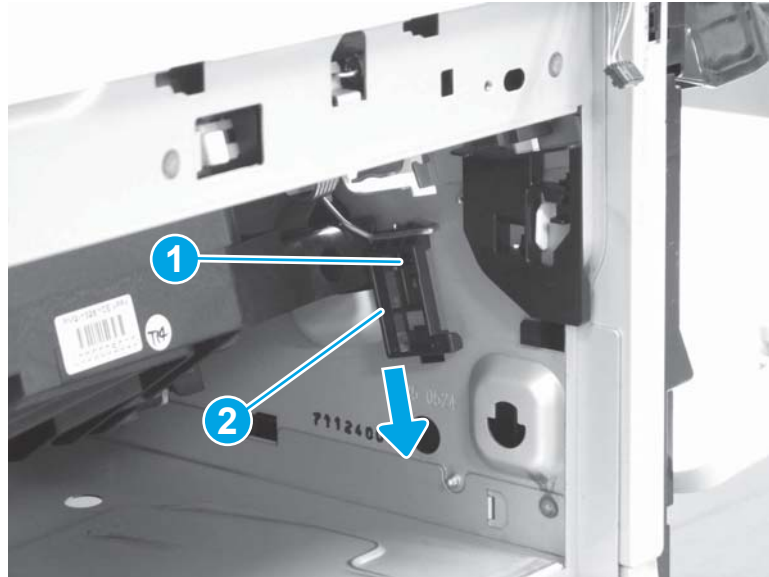


 **Reinstallation tip:** When the laser scanner is installed, make sure that the gear case is flat against the printer chassis (callout 1). The pin on the gear (callout 2) might need to be rotated out of the way when the assembly is installed.



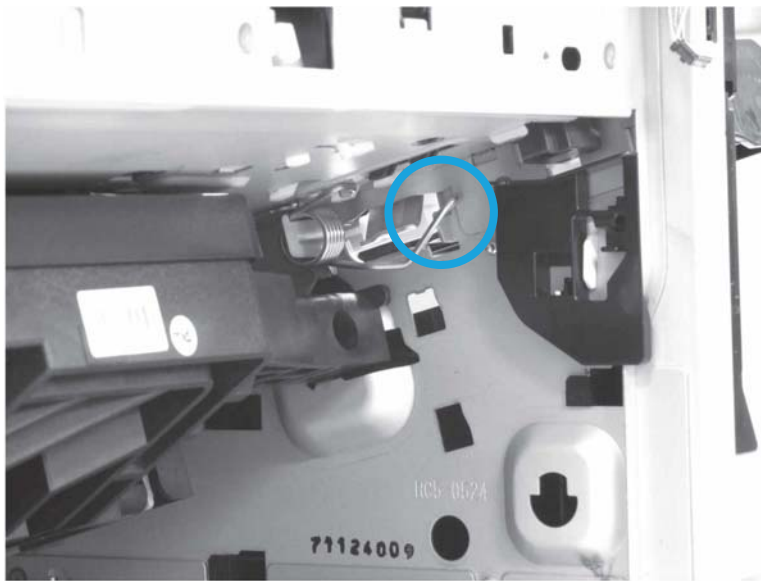
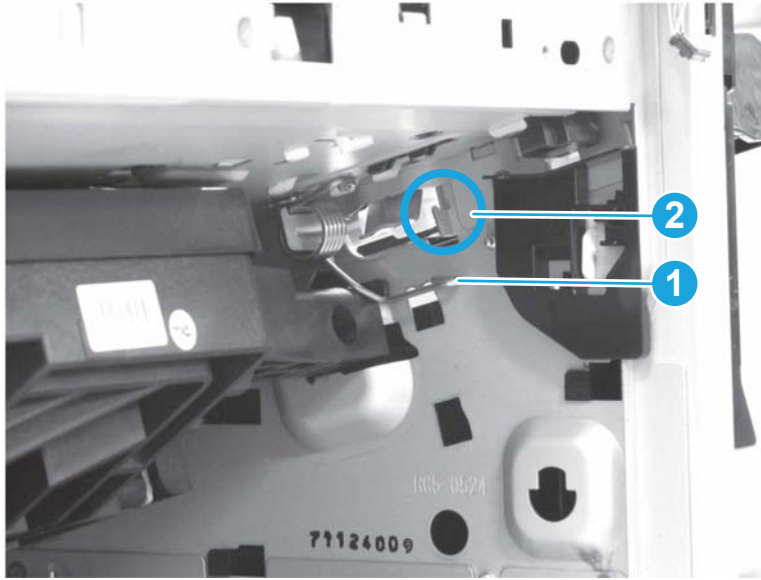
- c. On the right side of the laser scanner, release one tab (callout 1), and then slide the stopper (callout 2) down to remove it.

Figure 1-1349 Remove the stopper



- d. Hook the spring (callout 1) on the hook (callout 2).

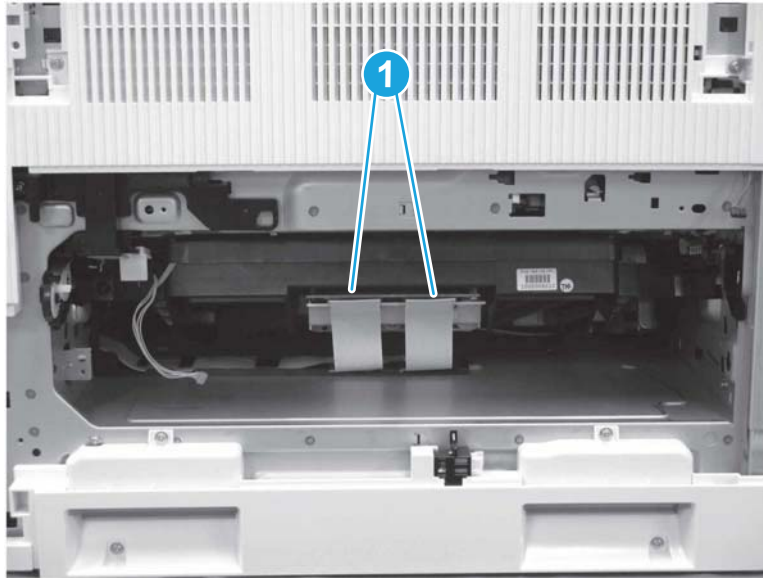
Figure 1-1350 Hook the spring





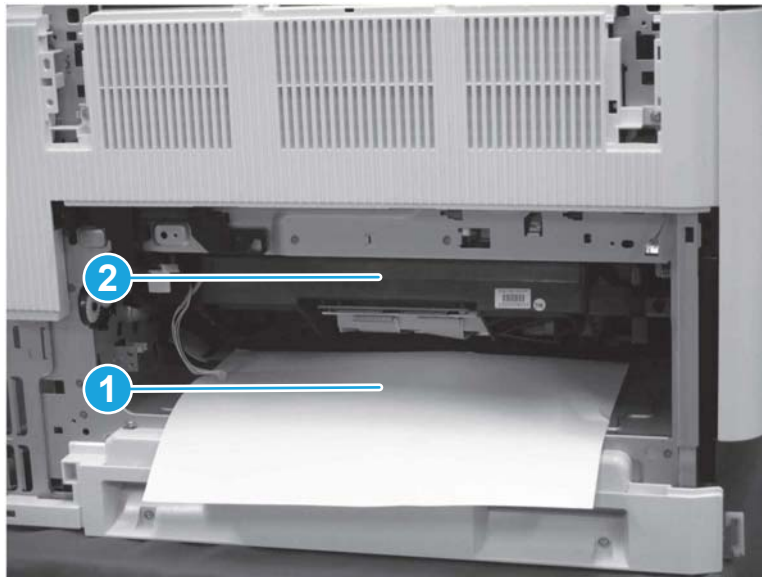
- e. Disconnect two flat cables (callout 1).


Figure 1-1351 Disconnect two flat cables




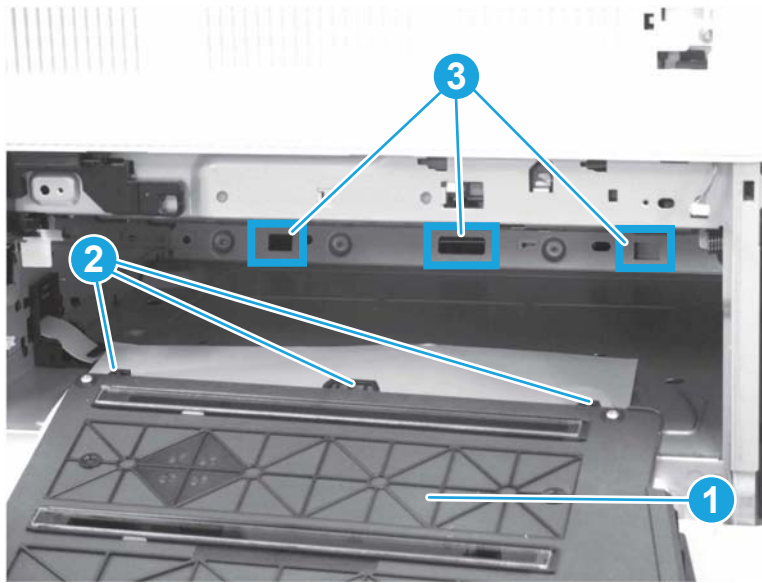
- f. Lay a sheet of paper on top of the flat cables (callout 1) to protect them. Pull the laser scanner (callout 2) out of the printer to remove it.

Figure 1-1352 Remove the laser scanner




 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

 **Reinstallation tip:** When installing the laser scanner (callout 1), position the pins (callout 2) on the laser scanner into the openings (callout 3) inside the printer.






8. Unpack the replacement assembly.
  - a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Pickup assembly (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the pickup assembly.

 [View a video of how to remove and replace the pickup assembly.](#)


Mean time to repair: 28 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-79 Part information

Part number	Part description
RM2-1393-010CN	Pickup assembly (M751/E75245)
RM2-3908-000CN	Pickup assembly (M856/E85055/M776)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

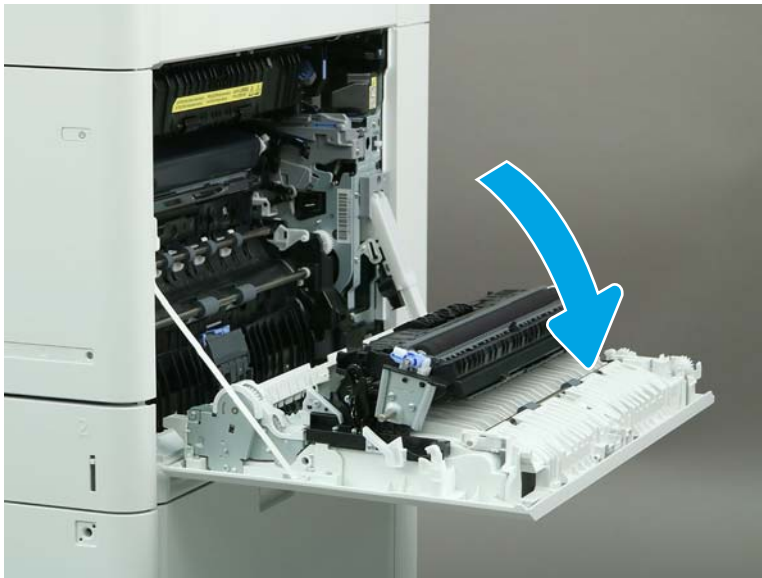
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

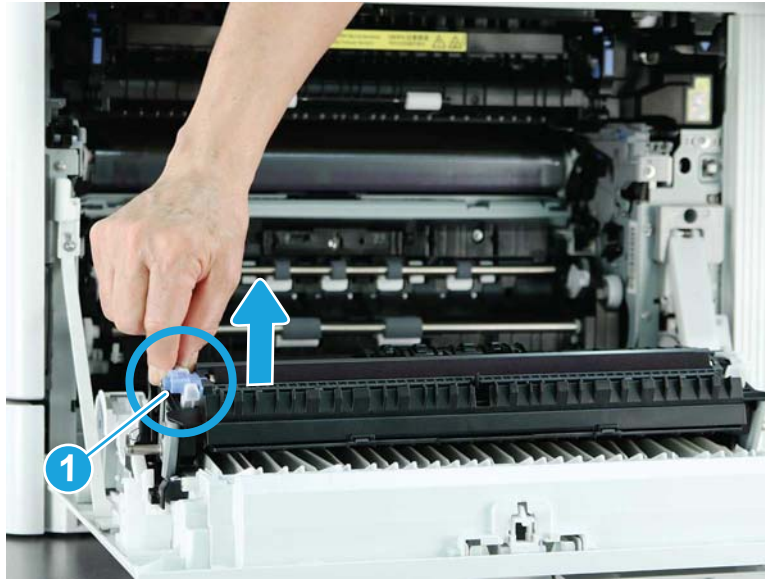
1. Remove the secondary transfer roller.
  - a. Open the right door.

**Figure 1-1353** Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

**Figure 1-1354** Release the transfer roller



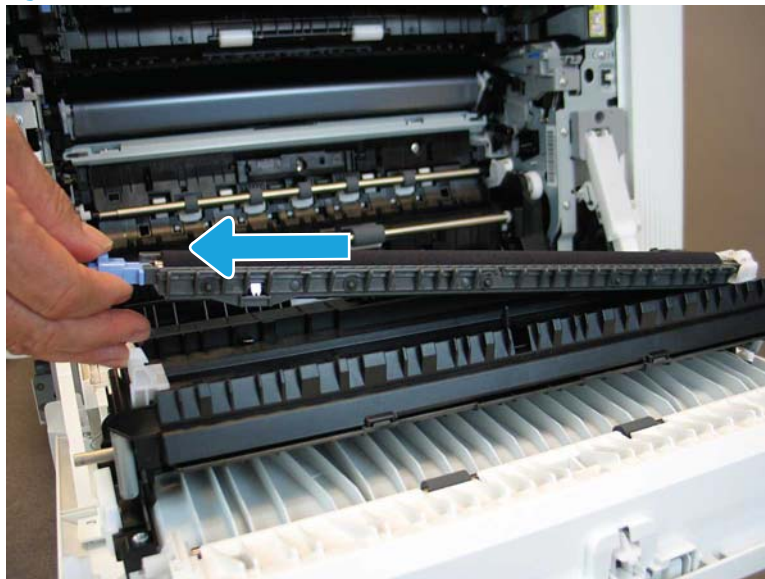
- c. Slide the transfer roller to the left to remove it.

---

**⚠ CAUTION:** Do not touch the surface of the secondary transfer roller.

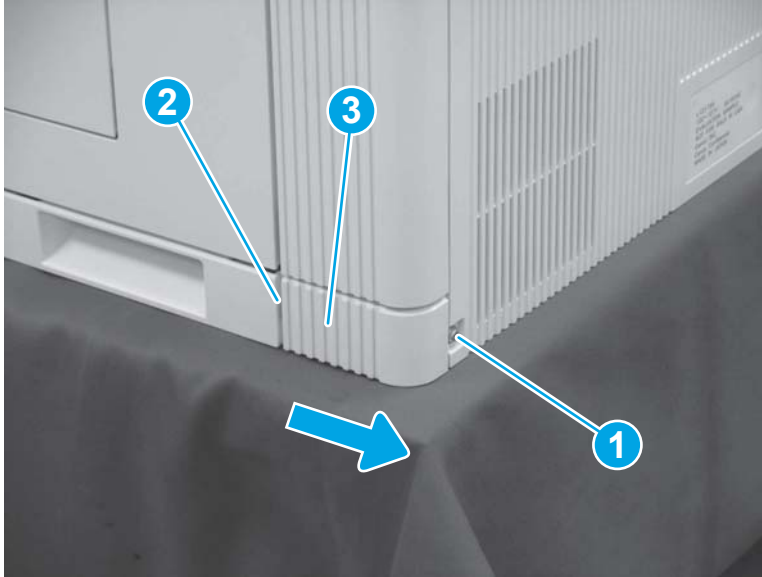
---

**Figure 1-1355** Remove the secondary transfer roller



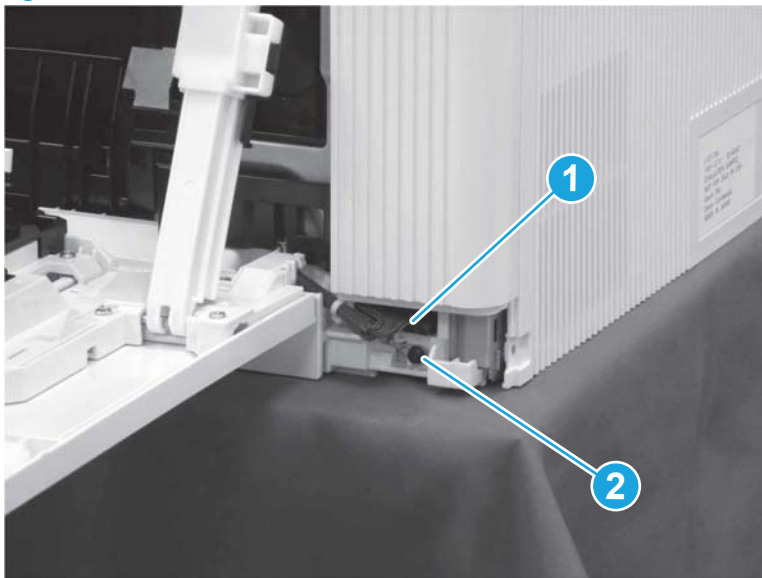
2. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1356 Remove the right rear lower cover



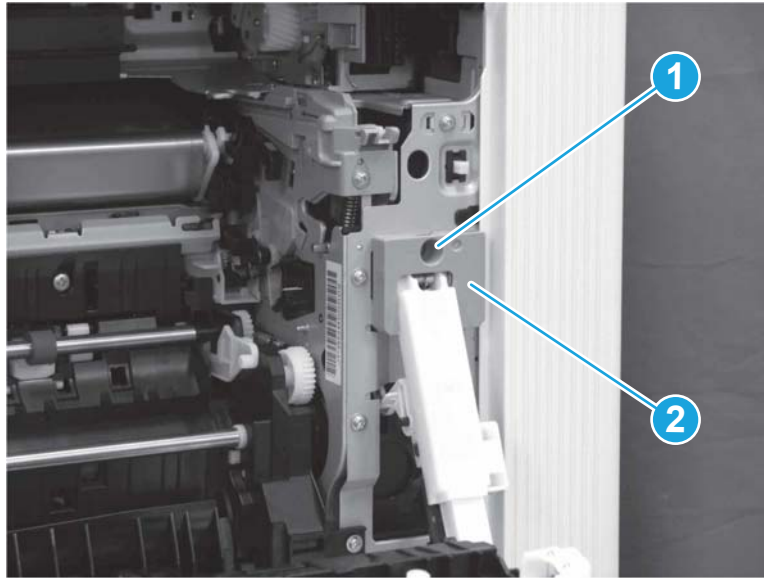
3. Remove the right door.
  - a. Disconnect one connector (callout 1), and then remove one black grounding screw (callout 2).

Figure 1-1357 Disconnect one connector and remove one screw



- b. Remove one self-tapping screw (callout 1), and then remove the cover (callout 2).

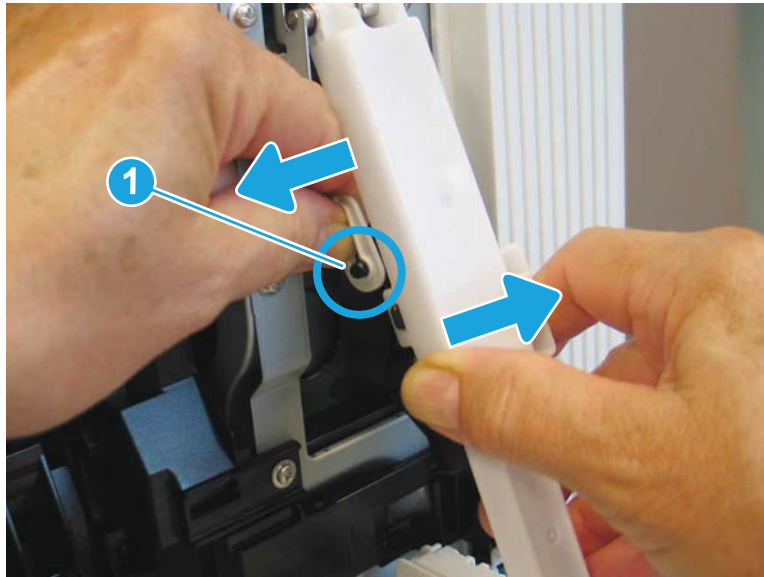
Figure 1-1358 Remove the cover



- c. Push the damper slightly to the right, and gently pull the link arm to the left to release the boss (callout 1) from the link arm.

 **IMPORTANT:** Make sure to reattach this link arm when reinstalling the right door. Failure to do so might cause damage to the link arm, requiring a larger repair.

Figure 1-1359 Release the link arm



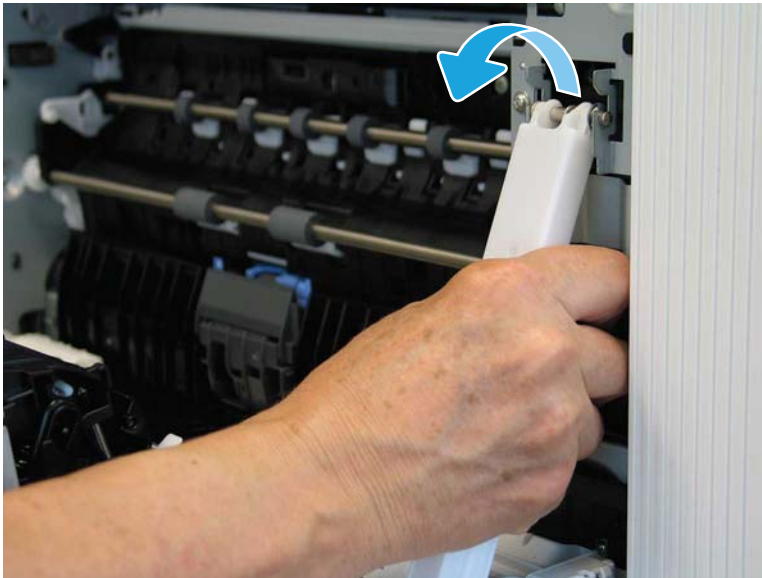
- d. Retract the link arm slightly into the printer to move it out of the way.

Figure 1-1360 Retract the link arm



- e. Lift the dampener up, and then pull it away from the printer to release it from the bushing.

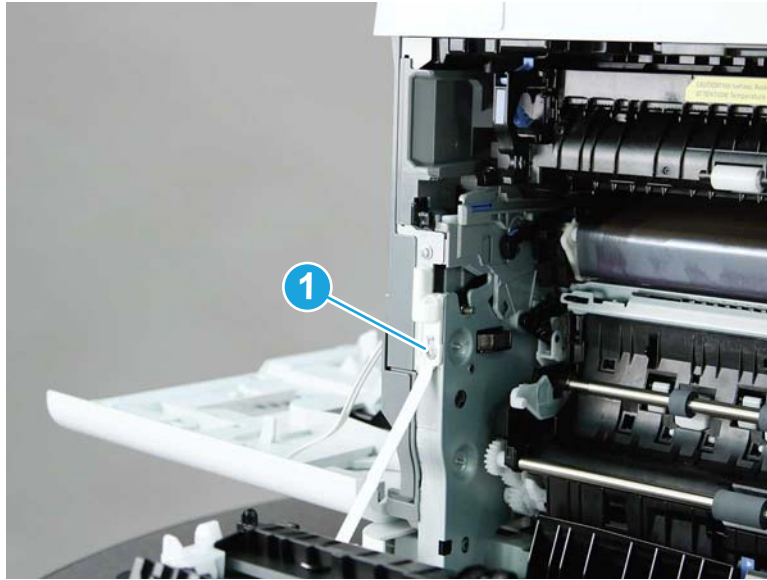
Figure 1-1361 Release the dampener





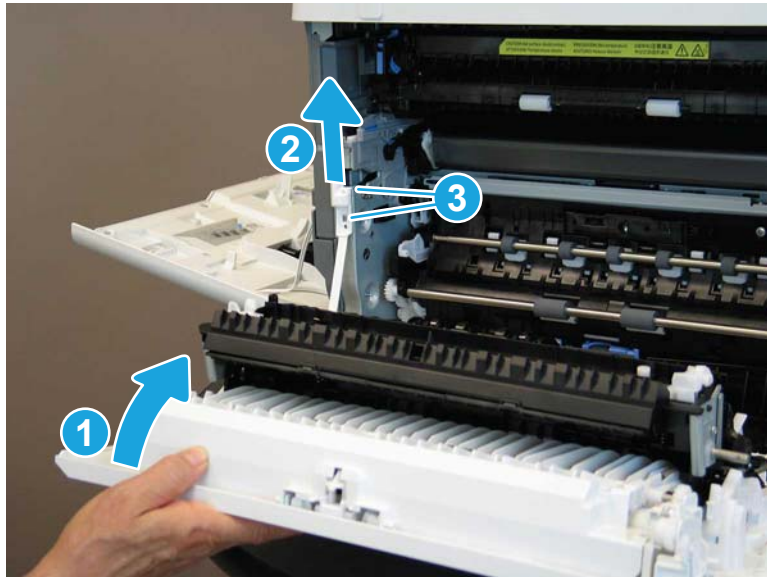
- f. Remove one screw (callout 1).

Figure 1-1362 Remove one screw



- g. Raise the door slightly (callout 1) to take tension off of the hinge. Slide the hinge up (callout 2) to release two hooks (callout 3).

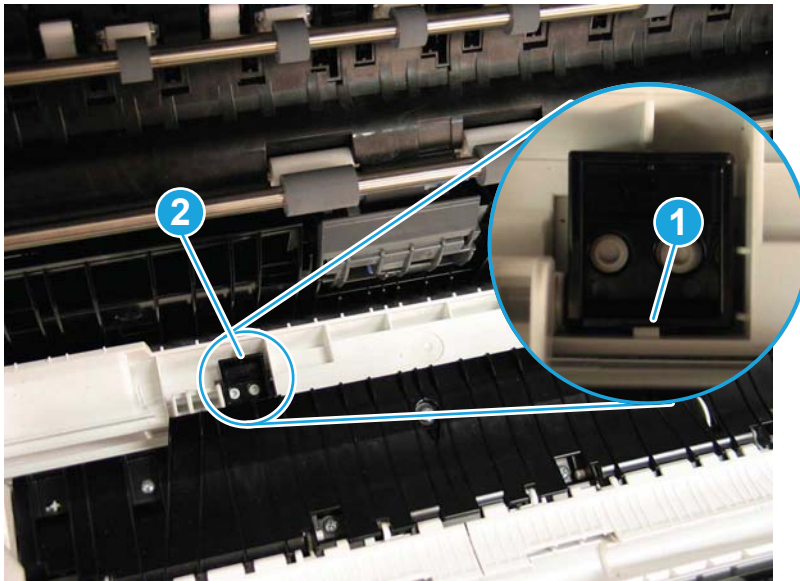
Figure 1-1363 Release the hinge



- h. Release one tab (callout 1), and then remove the stopper (callout 2).

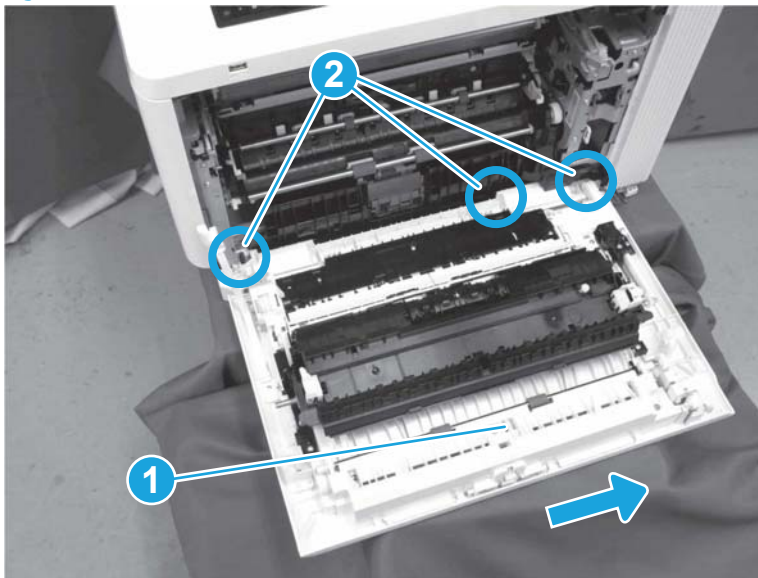
 **TIP:** Use needle-nosed pliers to release the stopper.

**Figure 1-1364** Remove the stopper



- i. Slide the right door (callout 1) to the right to release it from three tabs (callout 2), and then remove the right door.

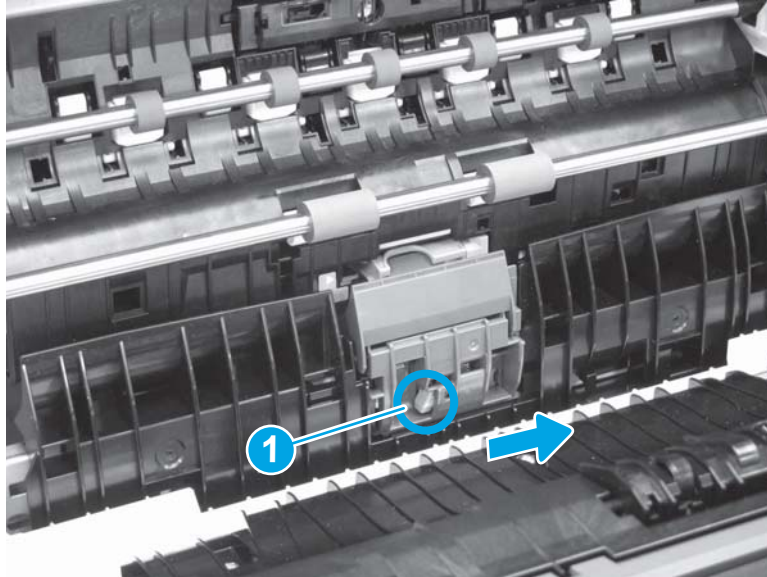
**Figure 1-1365** Remove the right door



- 4. Remove the pickup assembly.
  - a. Press the release button (callout 1) on the Tray 2 separation roller. Slide the assembly to the right, and then pull it away from the printer to remove it.

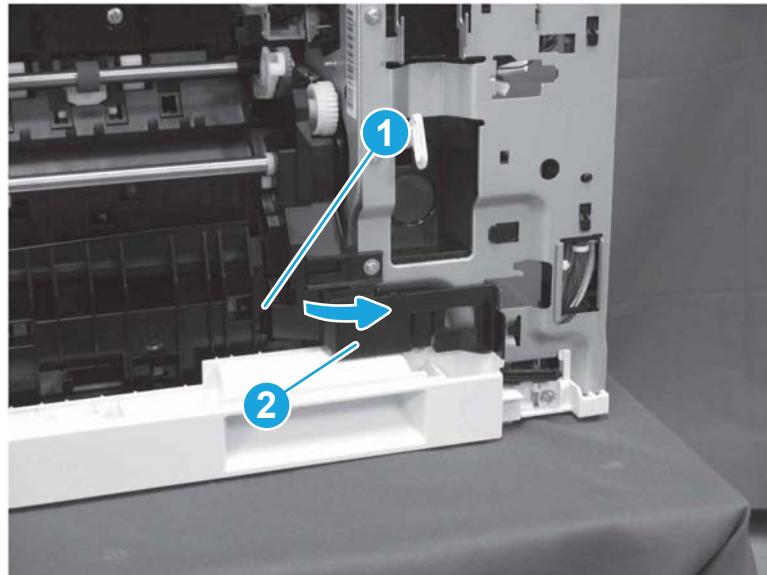
 **NOTE:** Make sure that Tray 2 is open when removing and installing the separation roller assembly.

Figure 1-1366 Remove the Tray 2 separation roller assembly



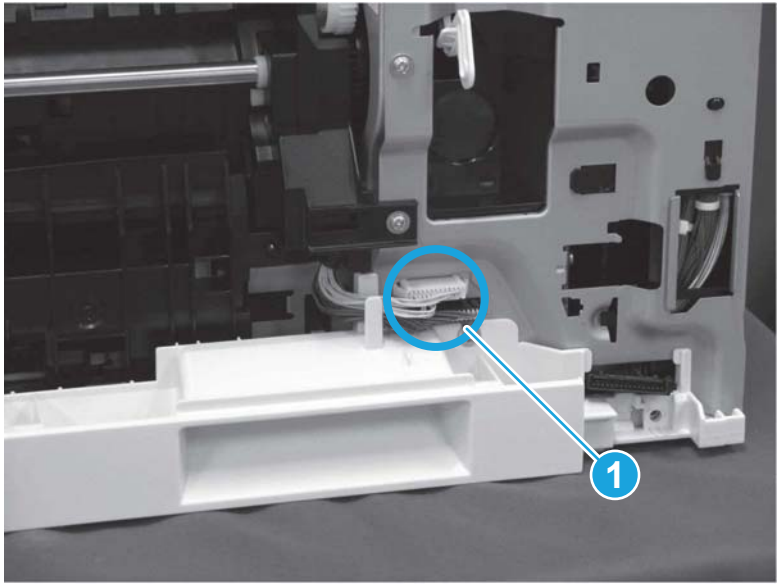
- b. Release one tab (callout 1), and then rotate the cover (callout 2) away from the printer to remove it.

Figure 1-1367 Remove the cover



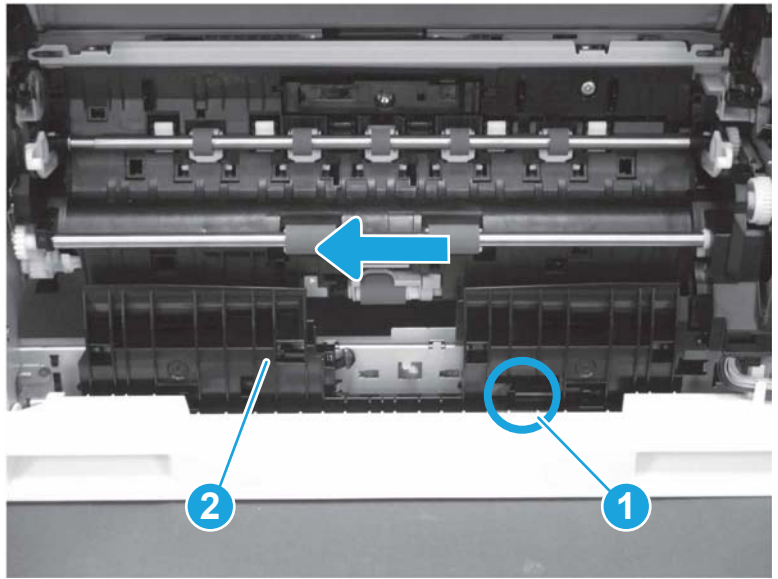
- c. Disconnect two connectors (callout 1).

Figure 1-1368 Disconnect two connectors



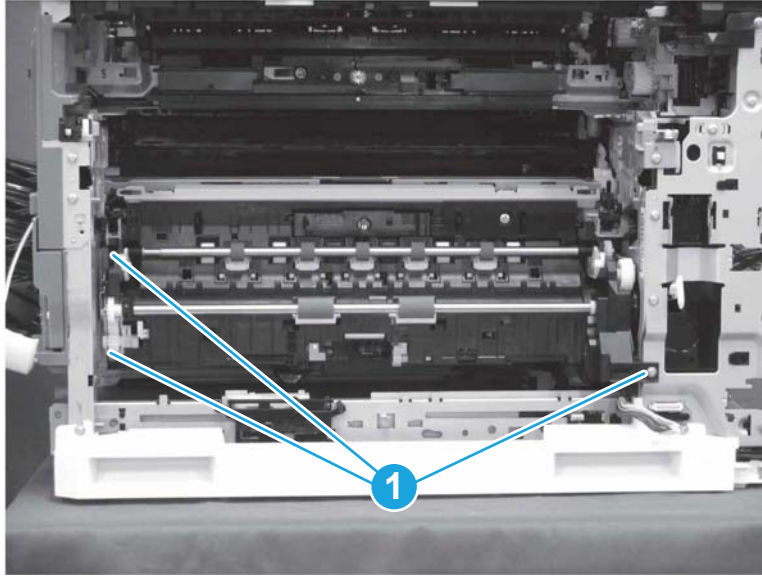
- d. Release one tab (callout 1), and then slide the guide (callout 2) to the left to remove it.

Figure 1-1369 Remove the guide



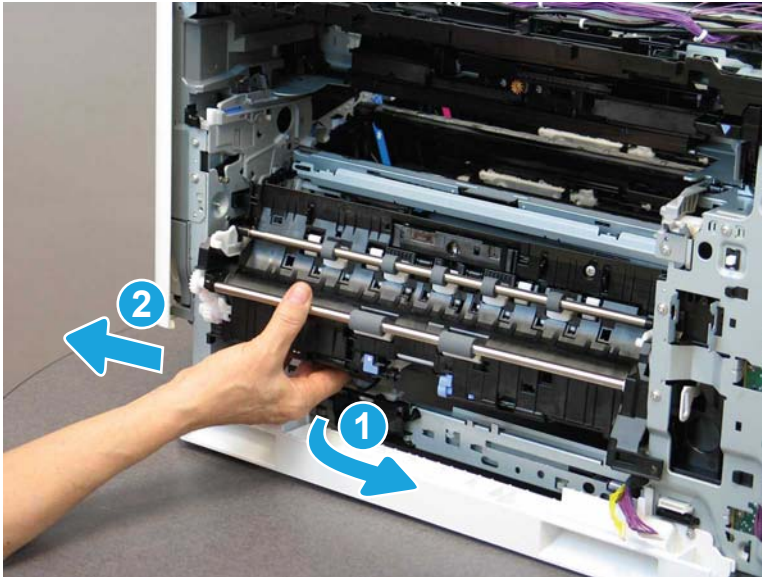
- e. Remove three screws (callout 1).

Figure 1-1370 Remove three screws



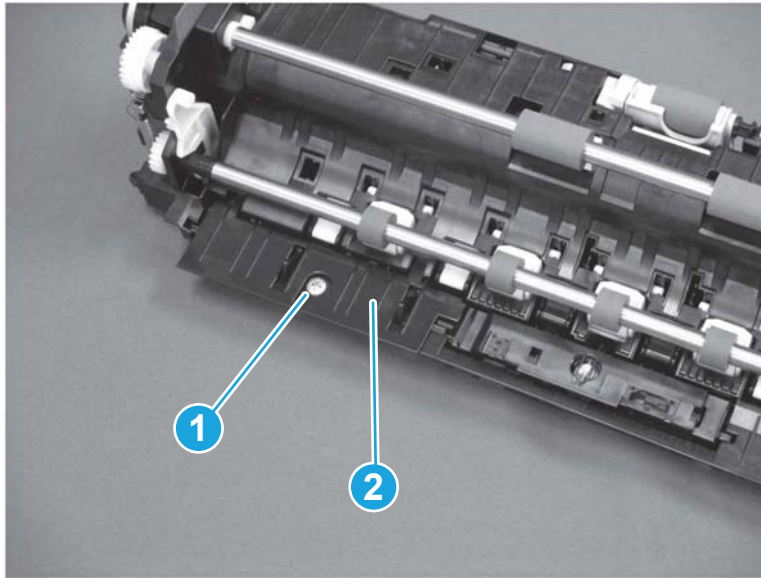
- f. Rotate the left side of the pickup assembly away from the printer (callout 1), and then slide the assembly to the left (callout 2) to remove it.

Figure 1-1371 Remove the pickup assembly




- g. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-1372 Remove the cover



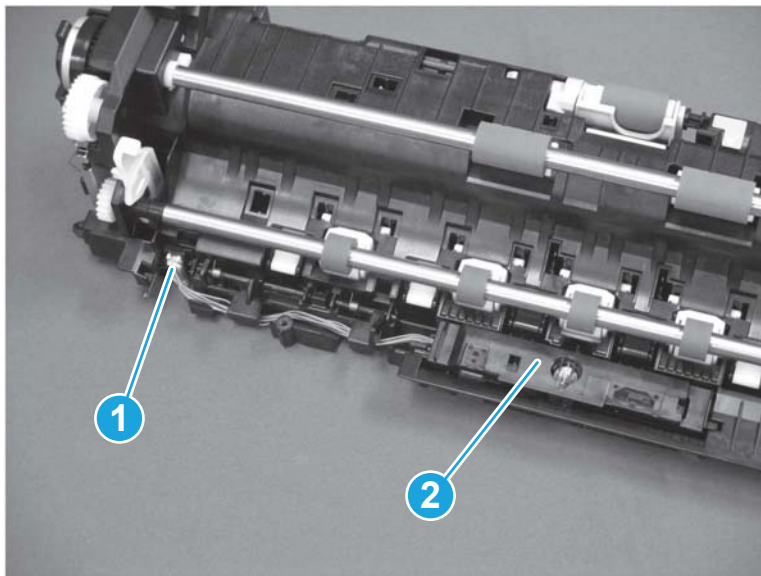
- h. Disconnect one connector (callout 1), and then remove the media sensor assembly (callout 2).

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 **NOTE:** Save the media sensor assembly and install it on the replacement pickup assembly.


---

Figure 1-1373 Remove the media sensor



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Registration density sensor (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the registration density sensor.

 [View a video of how to remove and replace the registration density sensor.](#)


Mean time to repair: 25 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-80 Part information

Part number	Part description
RM2-1501-000CN	Registration density sensor
RM2-1390-000CN	RD pressure link accessory - rear (if needed)
RM2-1389-000CN	RD pressure link accessory - front (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

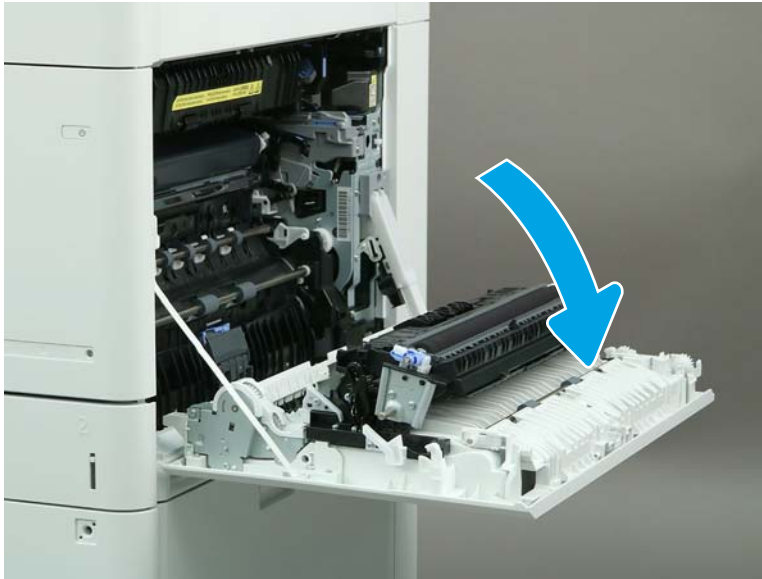
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

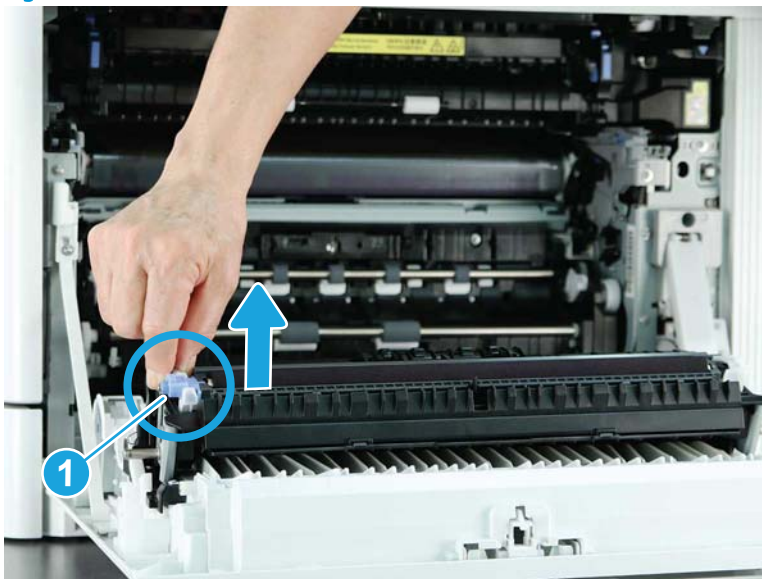
1. Remove the secondary transfer roller.
  - a. Open the right door.

**Figure 1-1374** Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

**Figure 1-1375** Release the transfer roller





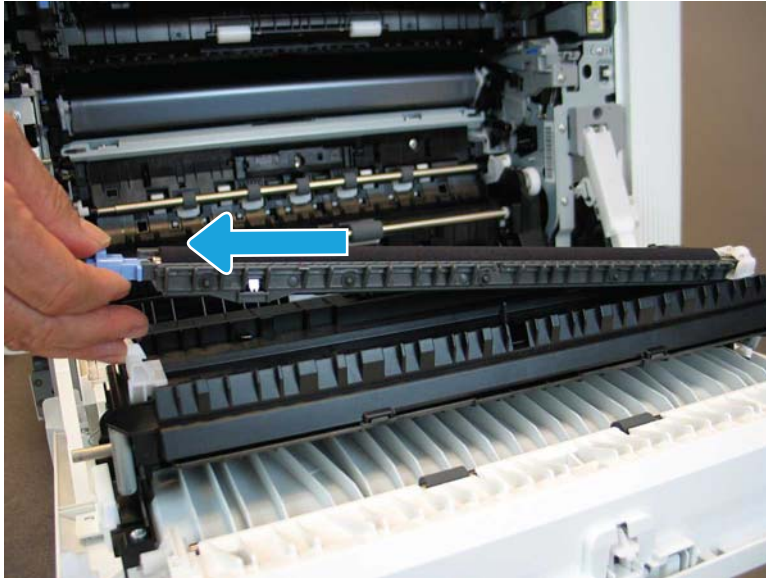
- c. Slide the transfer roller to the left to remove it.

---

**CAUTION:** Do not touch the surface of the secondary transfer roller.

---

**Figure 1-1376** Remove the secondary transfer roller



- 2. Remove the intermediate transfer belt (ITB).

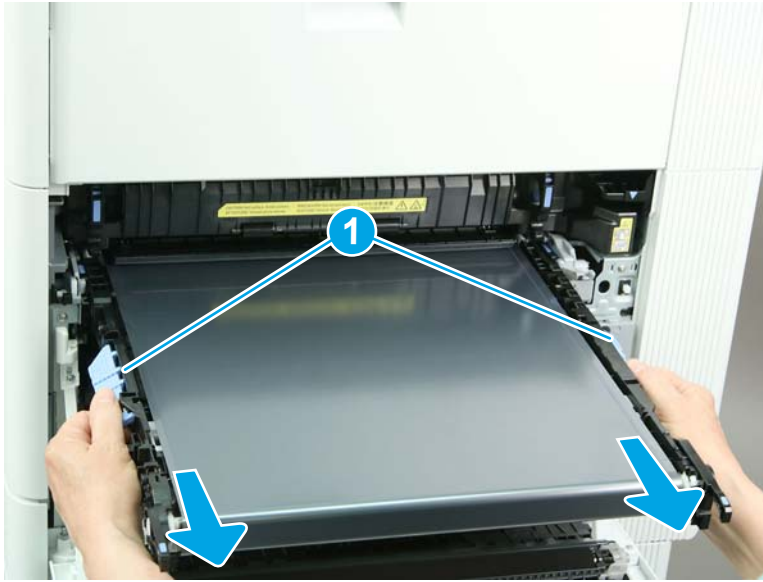
- a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

**Figure 1-1377** Partially remove the ITB



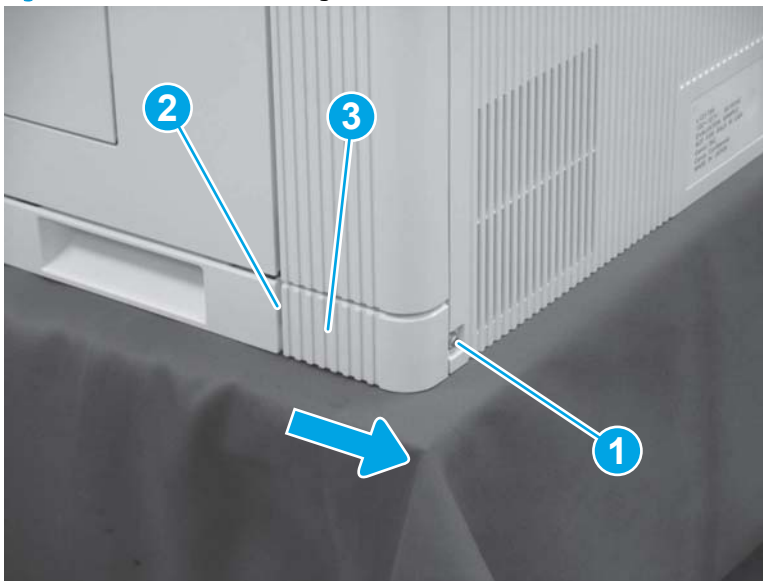
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-1378 Remove the ITB



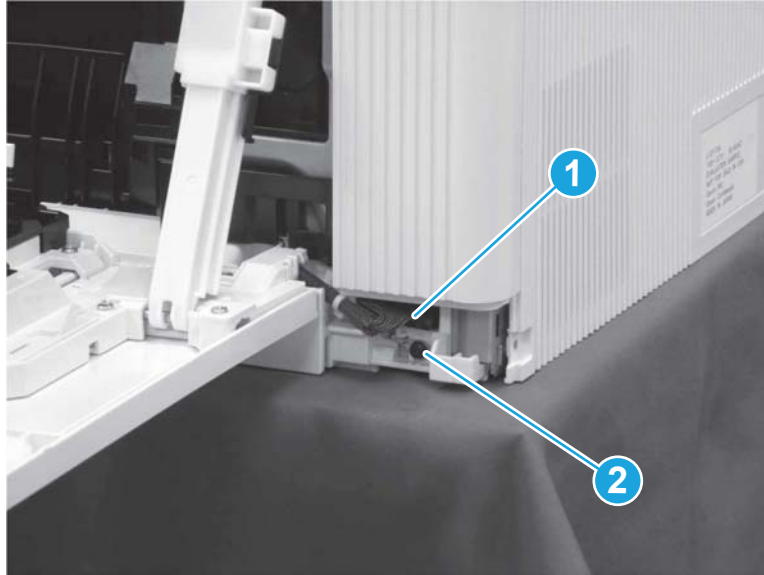
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1379 Remove the right rear lower cover



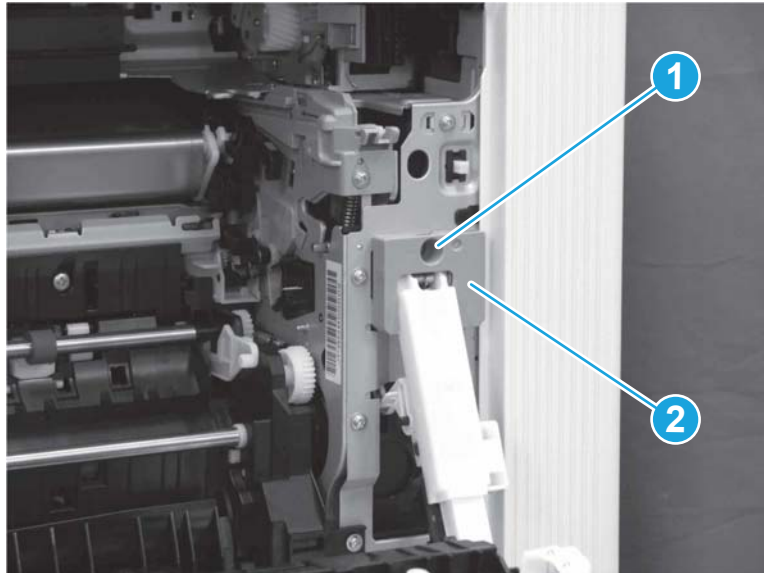
4. Remove the right door.
  - a. Disconnect one connector (callout 1), and then remove one black grounding screw (callout 2).

Figure 1-1380 Disconnect one connector and remove one screw



- b. Remove one self-tapping screw (callout 1), and then remove the cover (callout 2).

Figure 1-1381 Remove the cover



- c. Push the damper slightly to the right, and gently pull the link arm to the left to release the boss (callout 1) from the link arm.


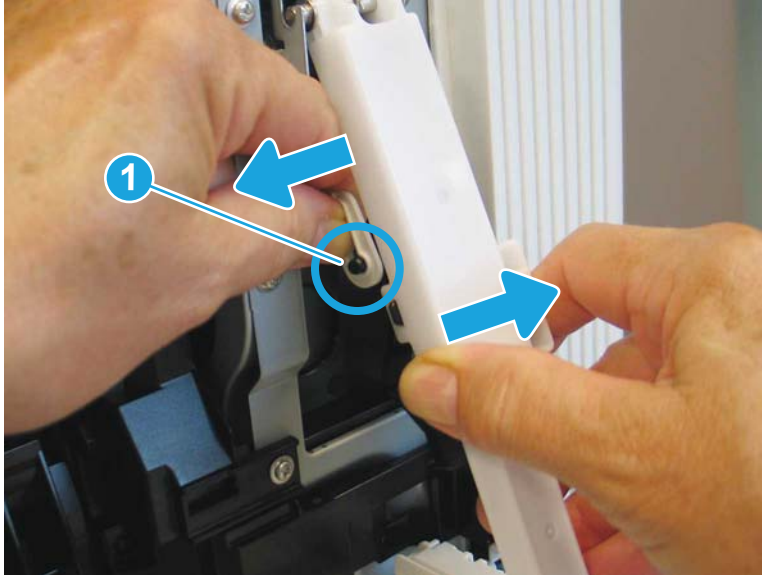
 **IMPORTANT:** Make sure to reattach this link arm when reinstalling the right door. Failure to do so might cause damage to the link arm, requiring a larger repair.

Figure 1-1382 Release the link arm



- d. Retract the link arm slightly into the printer to move it out of the way.

Figure 1-1383 Retract the link arm



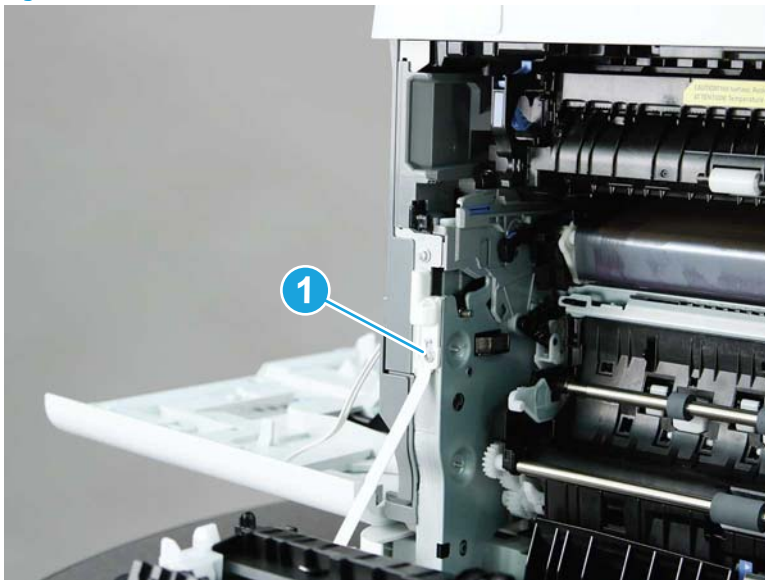
- e. Lift the dampener up, and then pull it away from the printer to release it from the bushing.

Figure 1-1384 Release the dampener



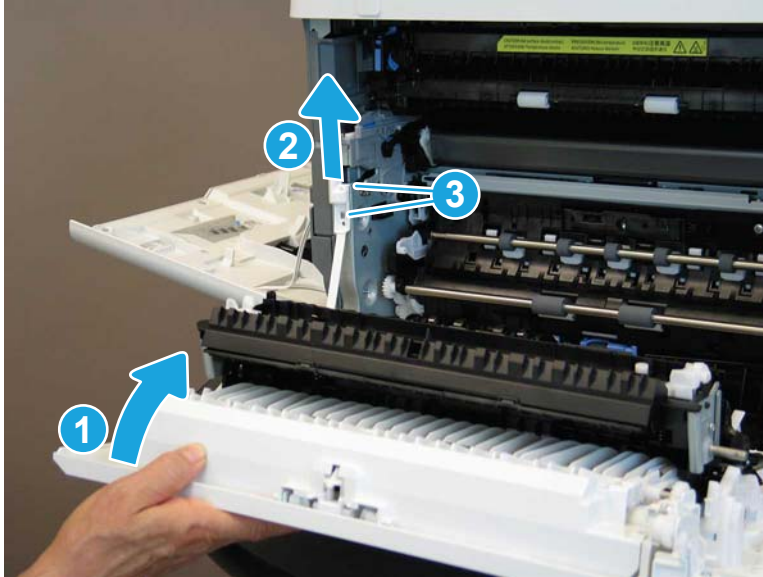
- f. Remove one screw (callout 1).

Figure 1-1385 Remove one screw



- g. Raise the door slightly (callout 1) to take tension off of the hinge. Slide the hinge up (callout 2) to release two hooks (callout 3).

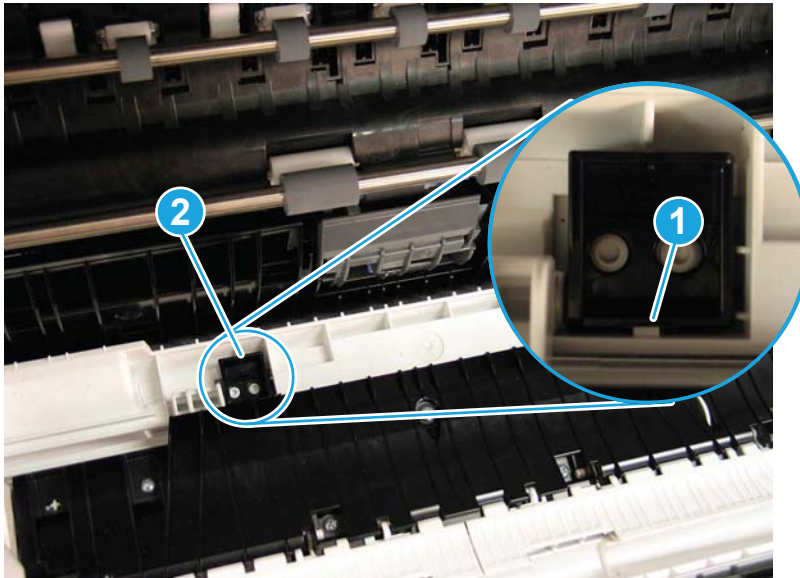
Figure 1-1386 Release the hinge



- h. Release one tab (callout 1), and then remove the stopper (callout 2).

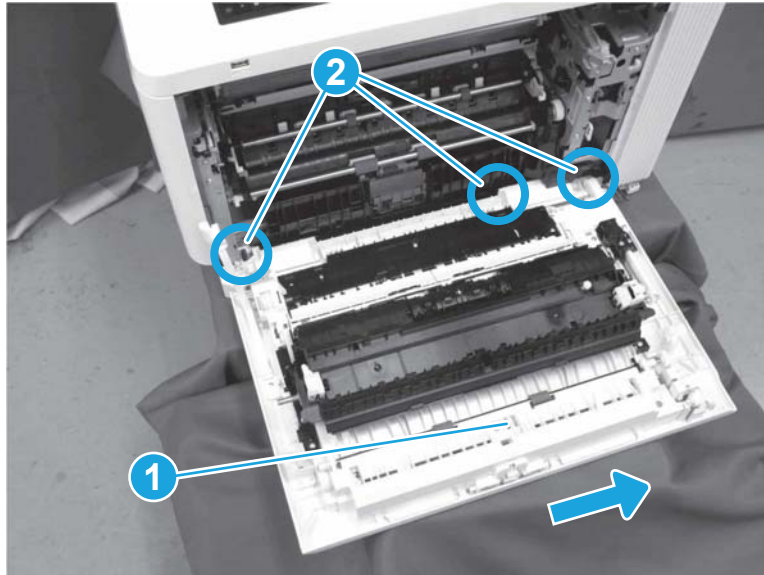
 **TIP:** Use needle-nosed pliers to release the stopper.

Figure 1-1387 Remove the stopper



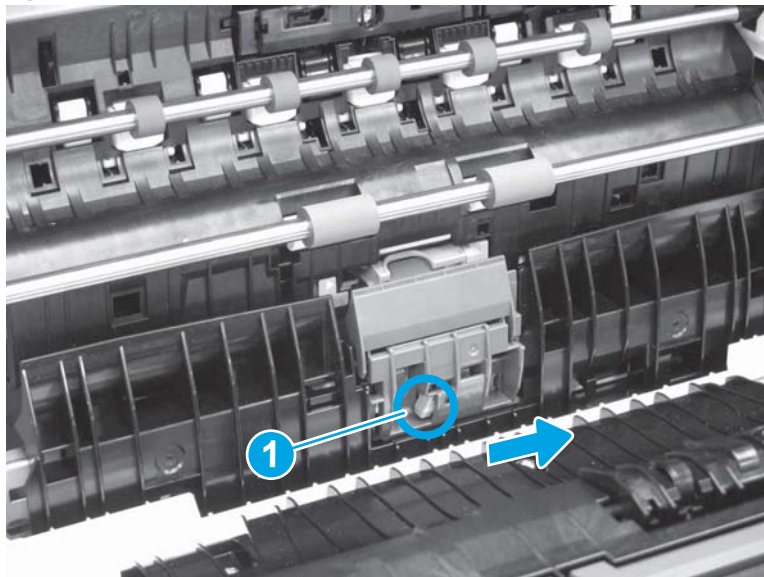
- i. Slide the right door (callout 1) to the right to release it from three tabs (callout 2), and then remove the right door.

**Figure 1-1388** Remove the right door



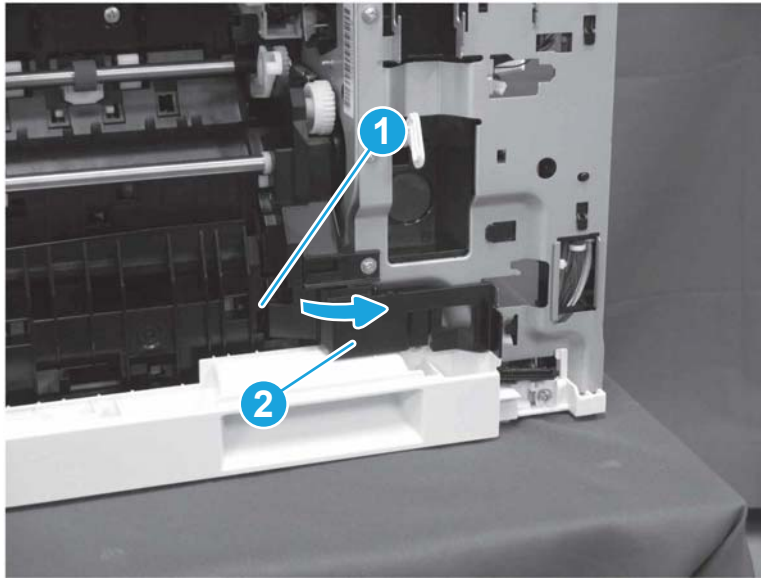
5. Remove the pickup assembly.
  - a. Press the release button (callout 1) on the Tray 2 separation roller. Slide the assembly to the right, and then pull it away from the printer to remove it.

**Figure 1-1389** Remove the Tray 2 separation roller assembly



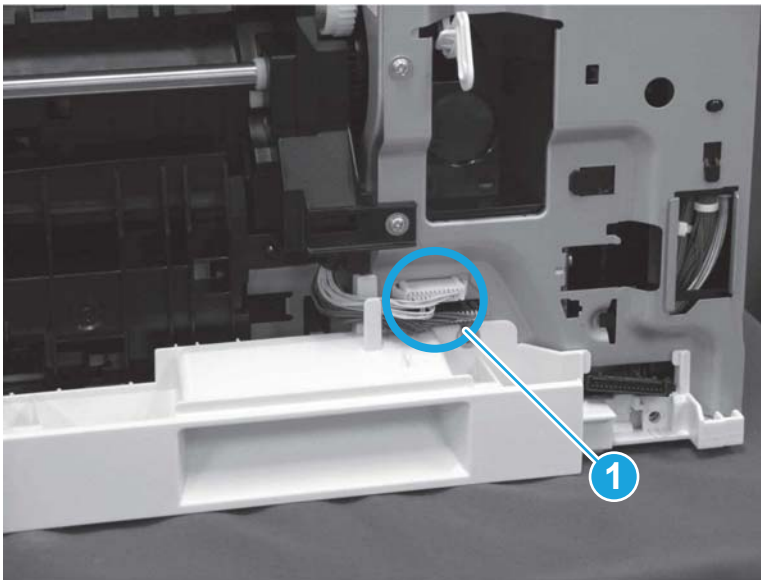
- b. Release one tab (callout 1), and then rotate the cover (callout 2) away from the printer to remove it.

Figure 1-1390 Remove the cover



- c. Disconnect two connectors (callout 1).

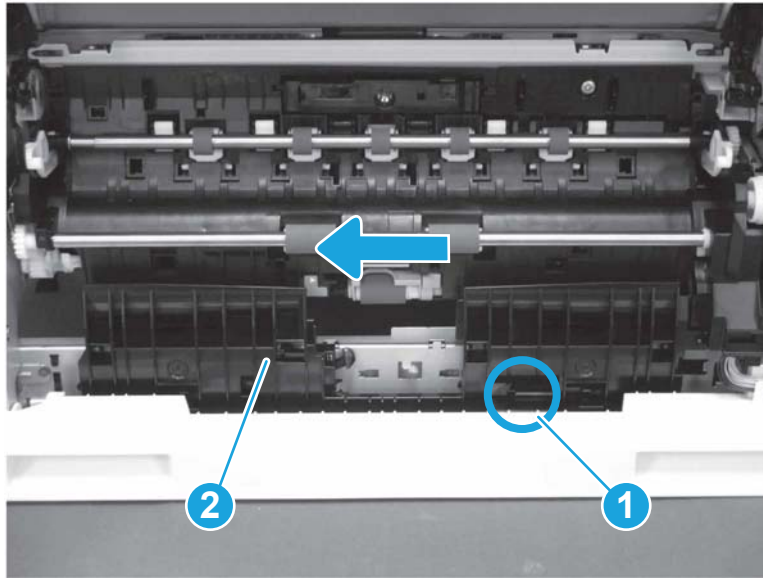
Figure 1-1391 Disconnect two connectors





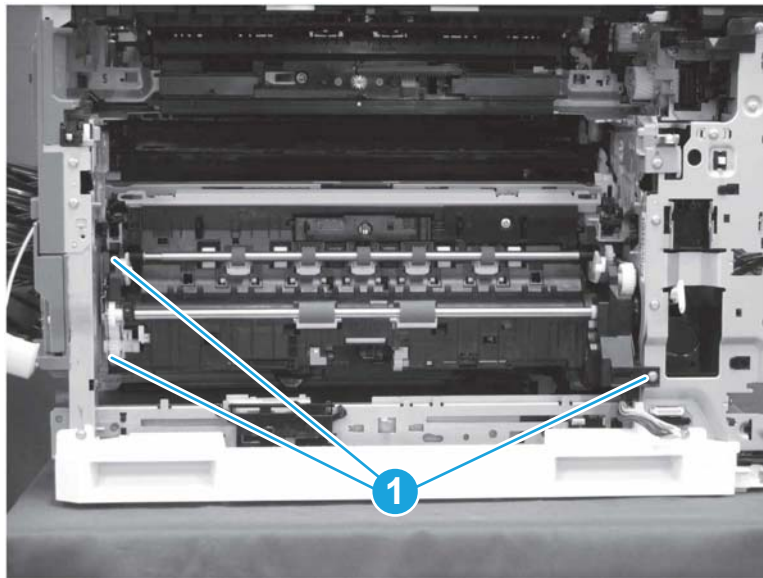
- d. Release one tab (callout 1), and then slide the guide (callout 2) to the left to remove it.

Figure 1-1392 Remove the guide



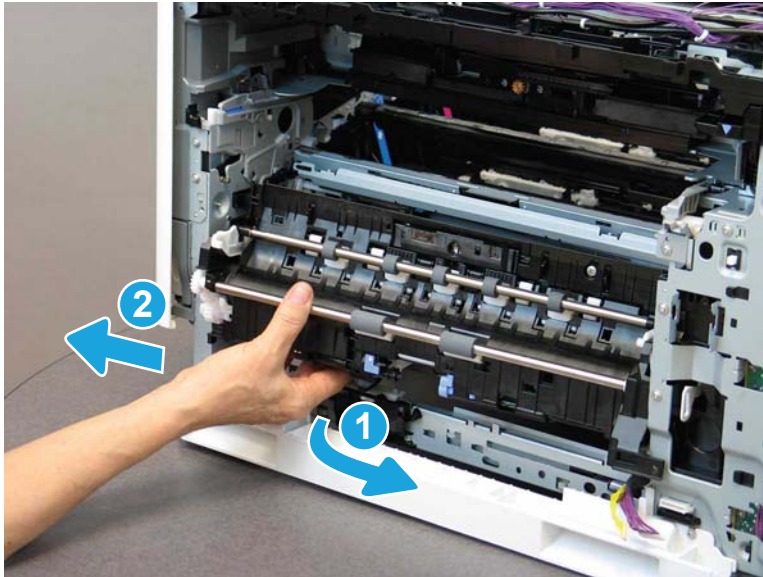
- e. Remove three screws (callout 1).

Figure 1-1393 Remove three screws



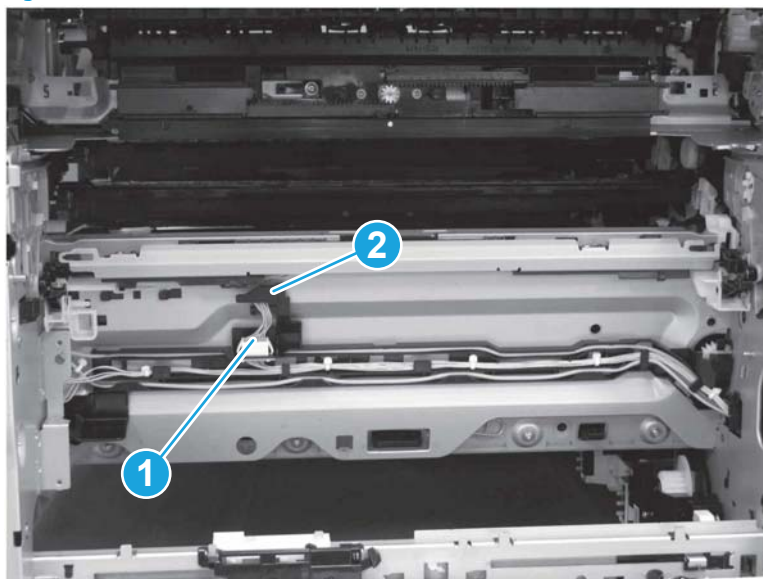
- f. Rotate the left side of the pickup assembly away from the printer (callout 1), and then slide the assembly to the left (callout 2) to remove it.

Figure 1-1394 Remove the pickup assembly



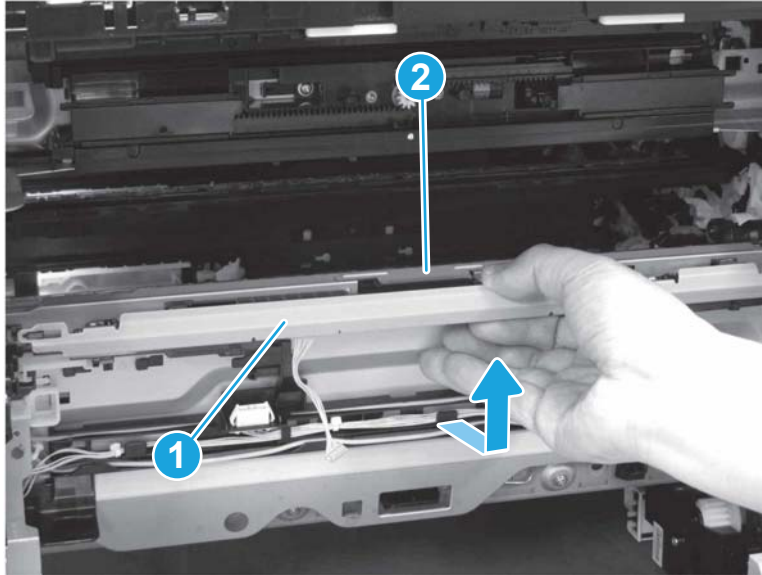
6. Remove the registration density sensor.
  - a. Disconnect one connector (callout 1), and then release the wire harness from the guide (callout 2).

Figure 1-1395 Disconnect one connector



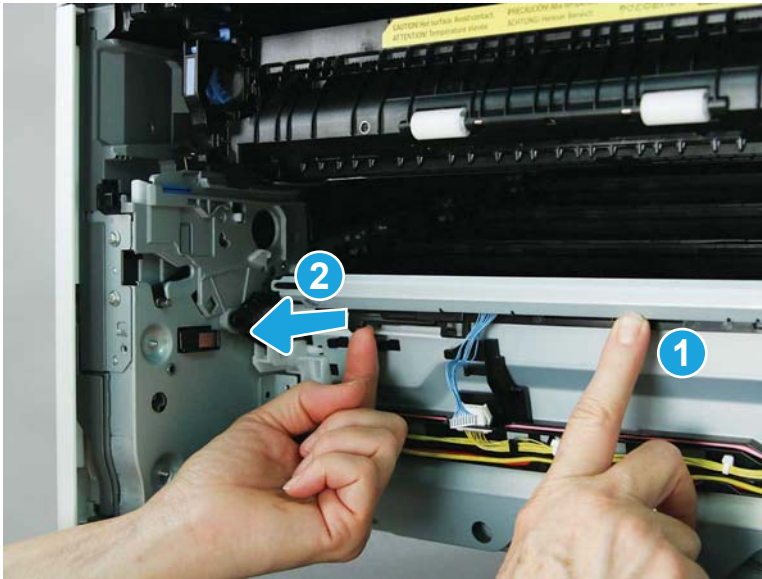
- b. Pull the center of the registration density sensor (callout 1) away from the printer and lift up to release it from the stopper (callout 2).

Figure 1-1396 Release the registration density sensor



- c. Raise the metal shutter and hold it in the raised position (callout 1). Pull the end of the black shutter (callout 2) away from the printer to release one tab.

Figure 1-1397 Release one tab



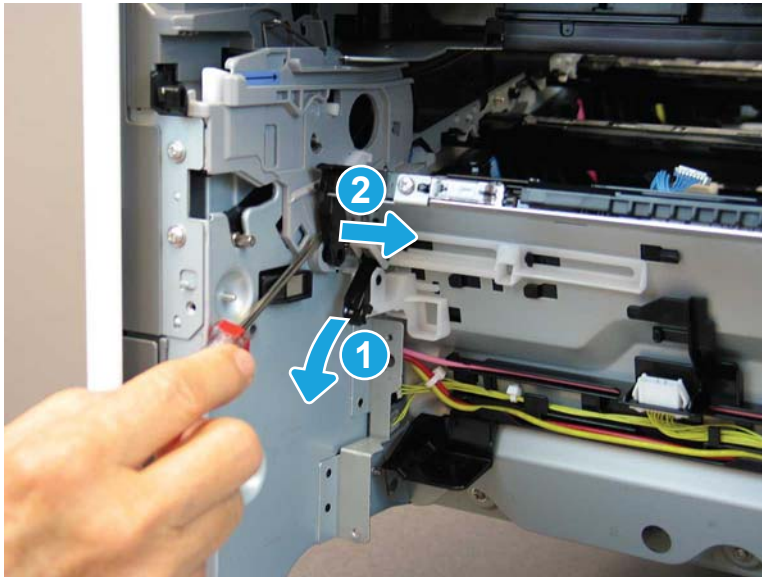
- d. Rotate the registration density sensor (callout 1) up and away from the printer.

Figure 1-1398 Rotate the registration density sensor



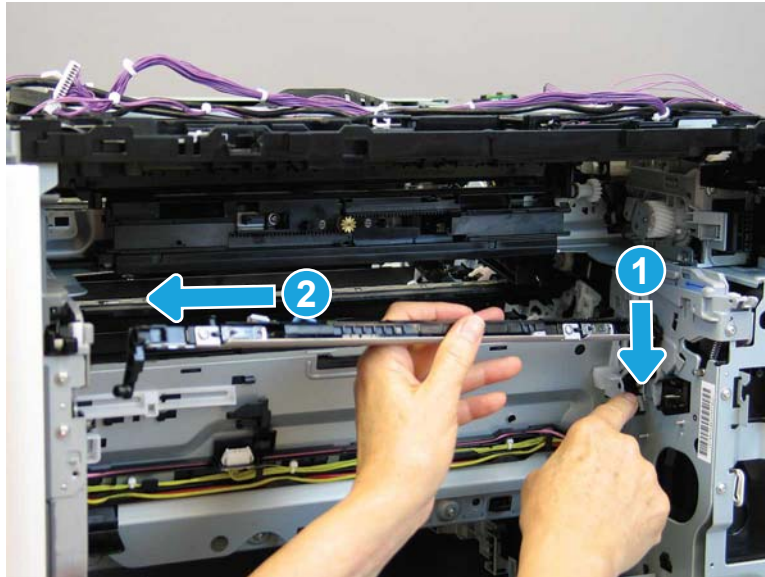
- e. Lower the lever (callout 1), and then use a small, flat-blade screwdriver to release the shaft (callout 2) from the printer.

Figure 1-1399 Release the shaft

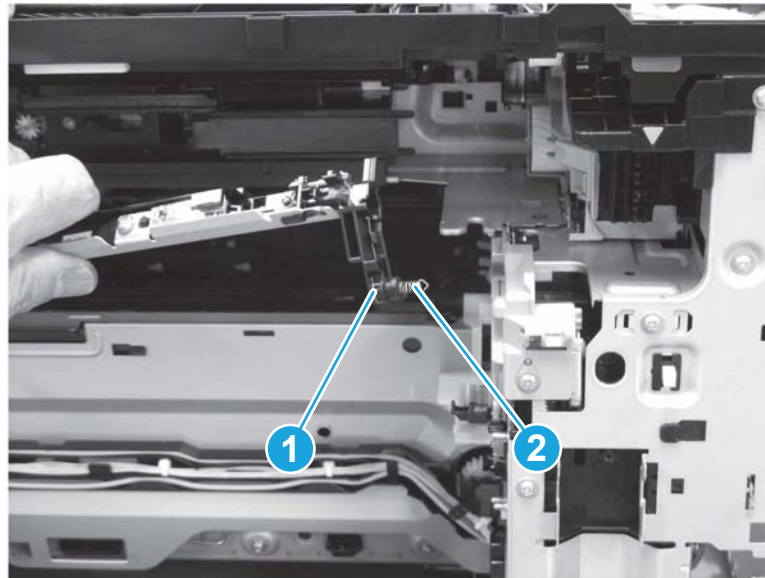


- f. Hold down the spring-loaded lever on the right side of the shaft (callout 1), and then slide the sensor away (callout 2) from the printer to remove it.

Figure 1-1400 Remove the registration density sensor

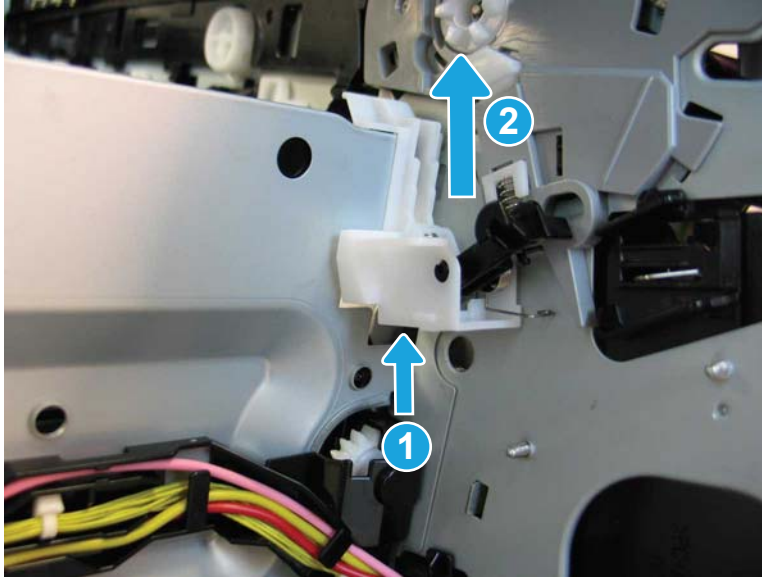


**⚠ CAUTION:** When removing the shaft (callout 1), be careful not to damage the spring (callout 2).



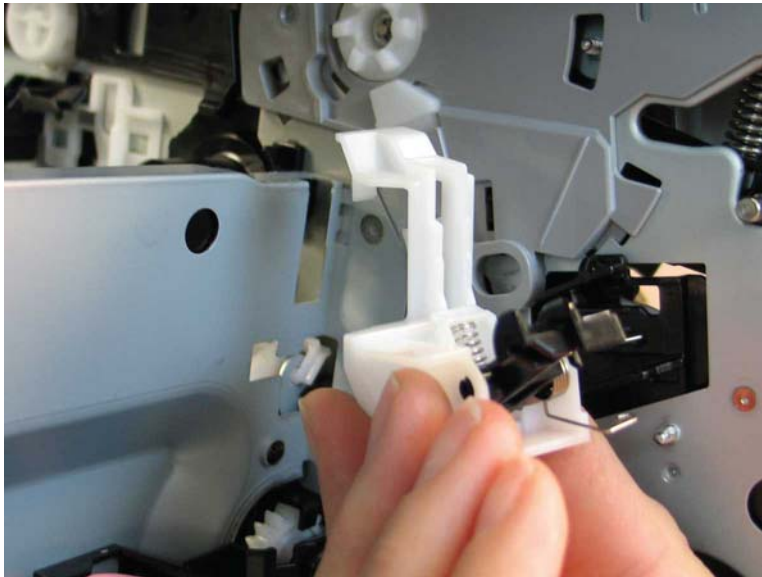
- g. If the rear RD pressure link accessory breaks, release one tab (callout 1) at the bottom of the accessory, and then lift up (callout 2) to release it.

Figure 1-1401 Release one tab and lift the accessory



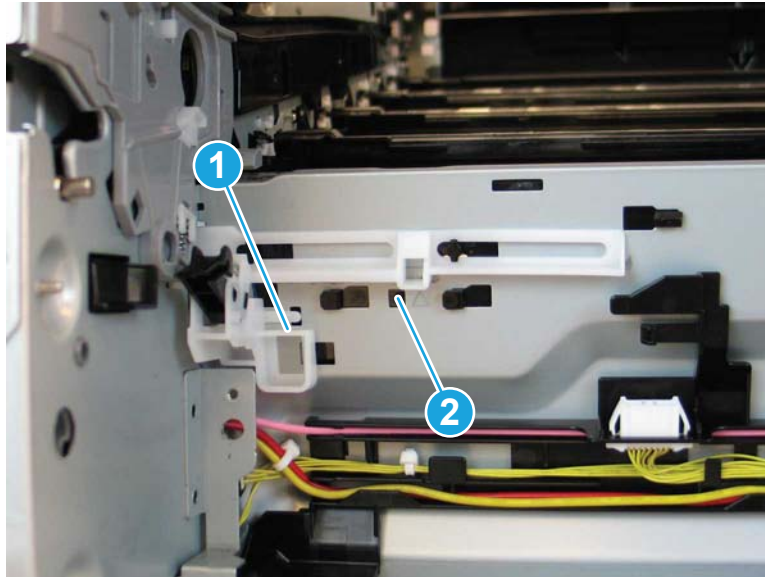
- h. Remove the rear RD pressure link accessory.

Figure 1-1402 Remove the rear pressure link accessory



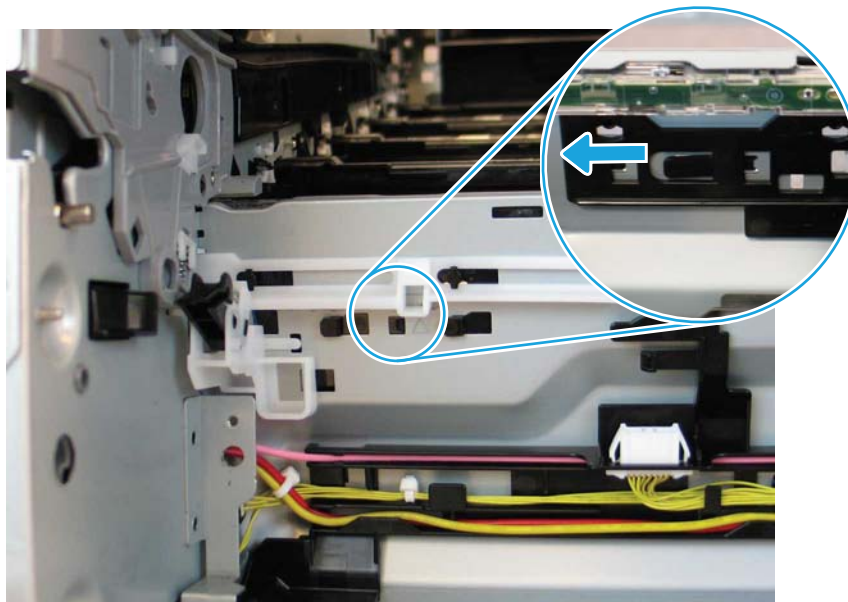
- i. If the front RD pressure release accessory breaks, release one tab (callout 1), and then press next to the embossed arrow to release one tab (callout 2) on the retainer on the back of the accessory.

Figure 1-1403 Release two tabs



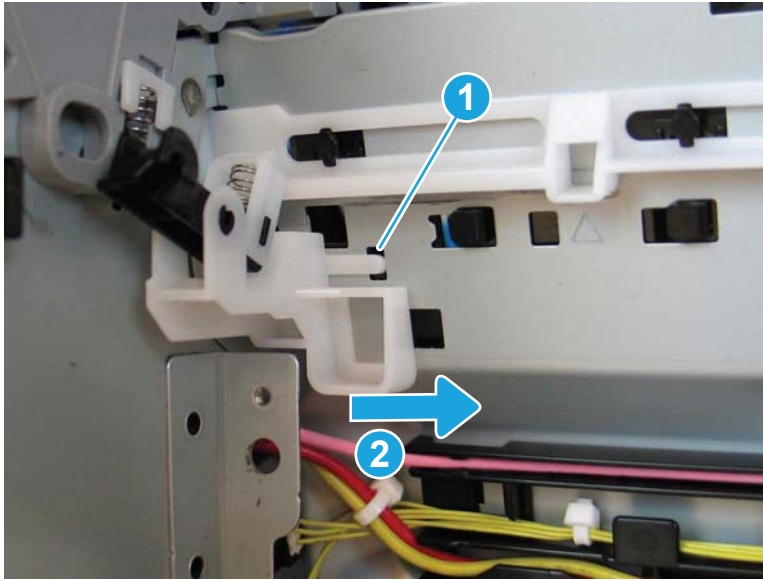
- j. On the back of the sheet metal plate, slide the retainer to the right to release the pressure link accessory.

Figure 1-1404 Slide the retainer



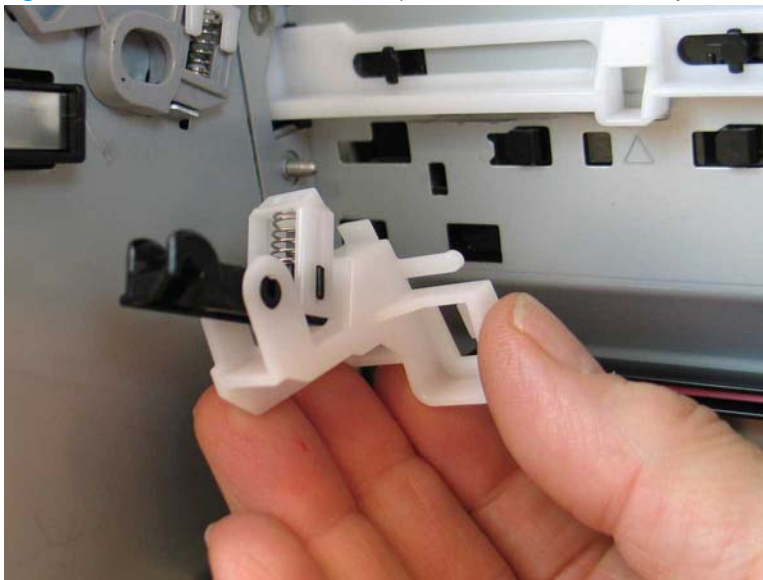
- k. Release one tab (callout 1), and then slide the pressure link accessory to the right (callout 2).

Figure 1-1405 Release one tab and slide the accessory



- l. Remove the front RD pressure release accessory.

Figure 1-1406 Remove the front RD pressure release accessory





- 7. Unpack the replacement assembly.
  - a. Dispose of the defective part.




 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Duplex drive assembly (M751/E75245)

Learn how to remove and replace the duplex drive assembly.

 [View a video of how to remove and replace the duplex drive assembly.](#)


Mean time to repair: 22 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-81** Part information

Part number	Part description
RM2-1392-000CN	Duplexing drive assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

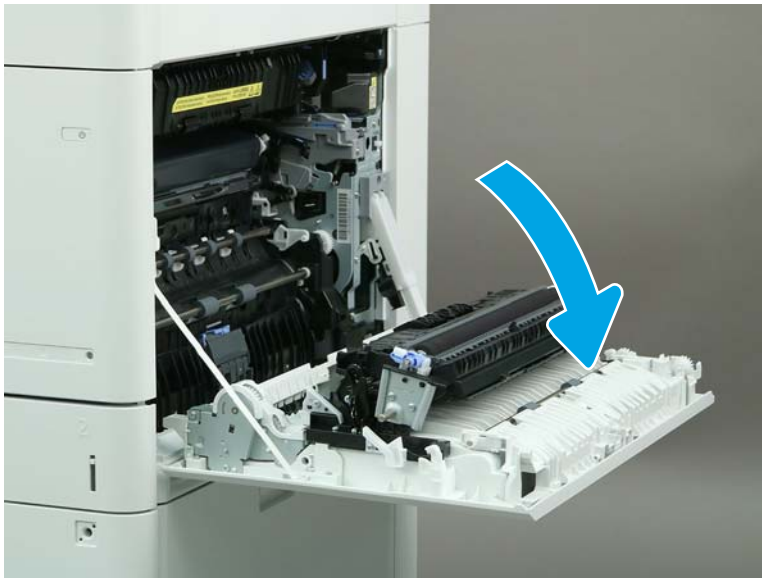
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

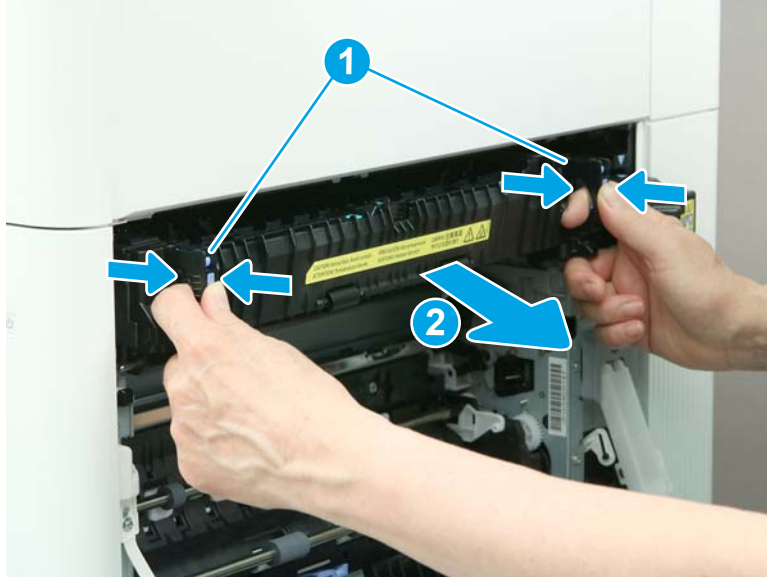
1. Remove the fuser.
  - a. Open the right door.

**Figure 1-1407** Open the right door



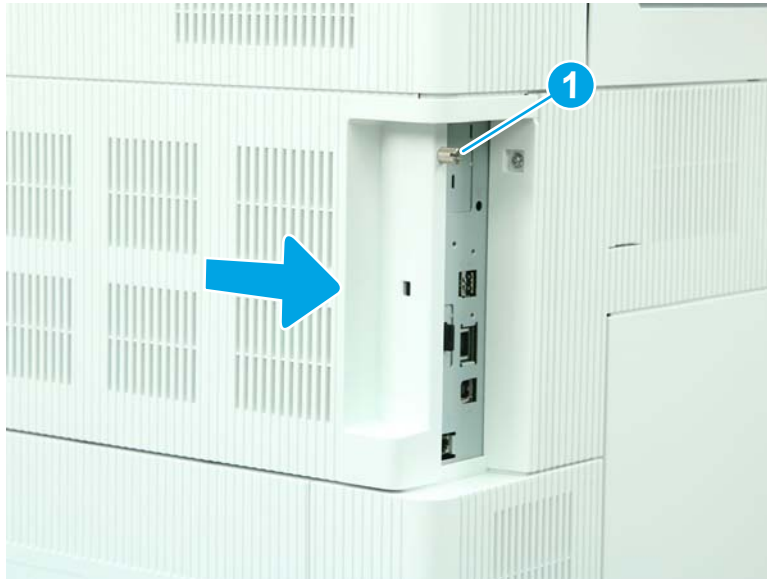
- b. Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

Figure 1-1408 Remove the fuser



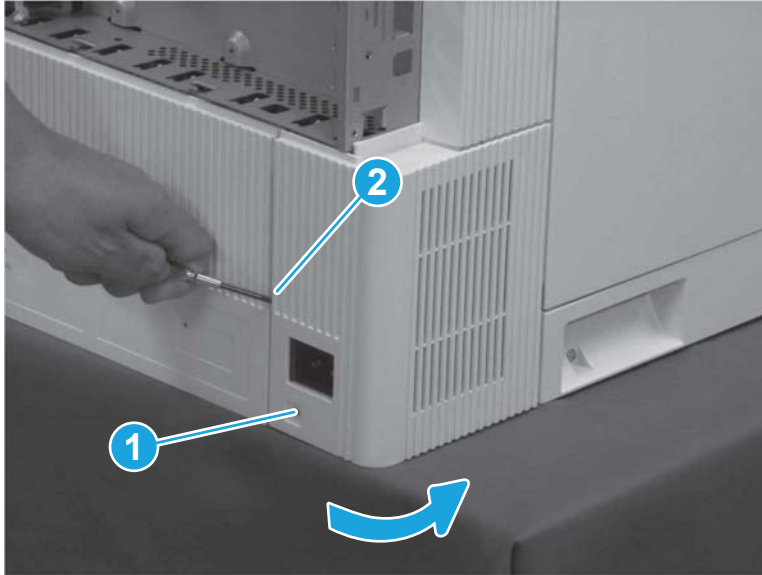
2. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1409 Remove the formatter cover



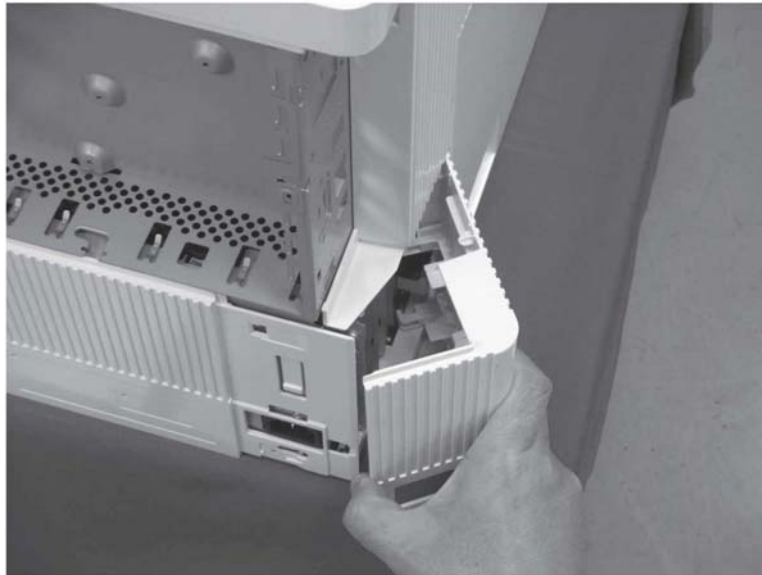
3. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1410 Remove one screw and release one tab



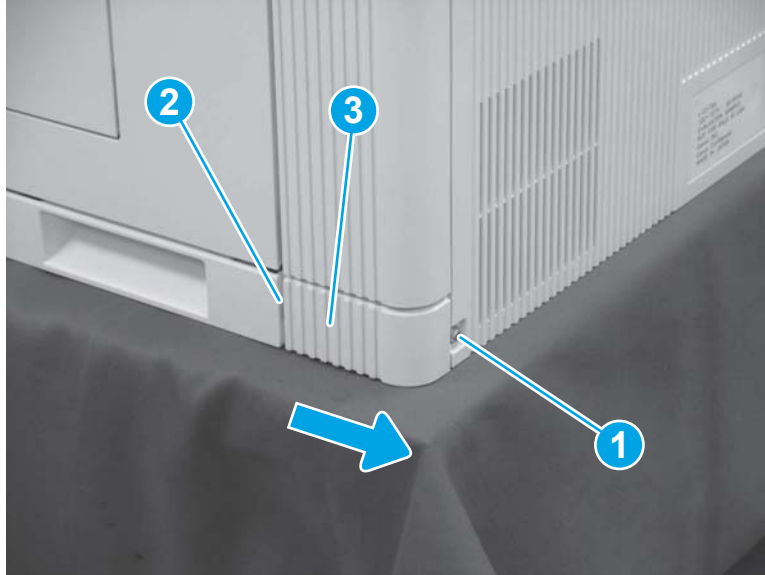
- b. Remove the left lower cover.

Figure 1-1411 Remove the left lower cover



- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

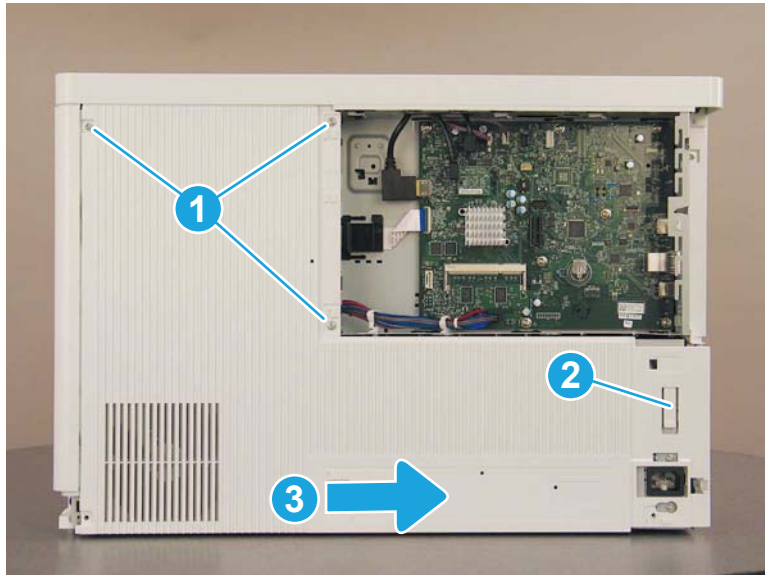
Figure 1-1412 Remove the right rear lower cover




5. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1413 Remove the rear cover

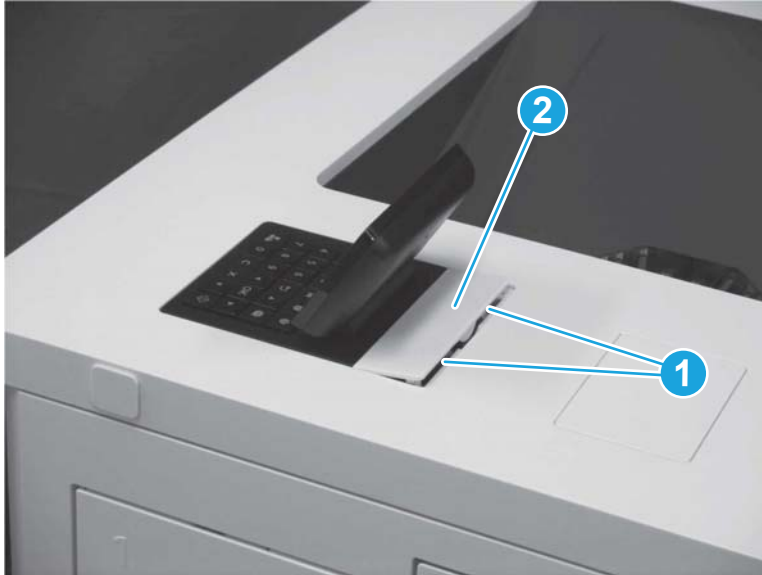


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1414 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1415 Remove one screw



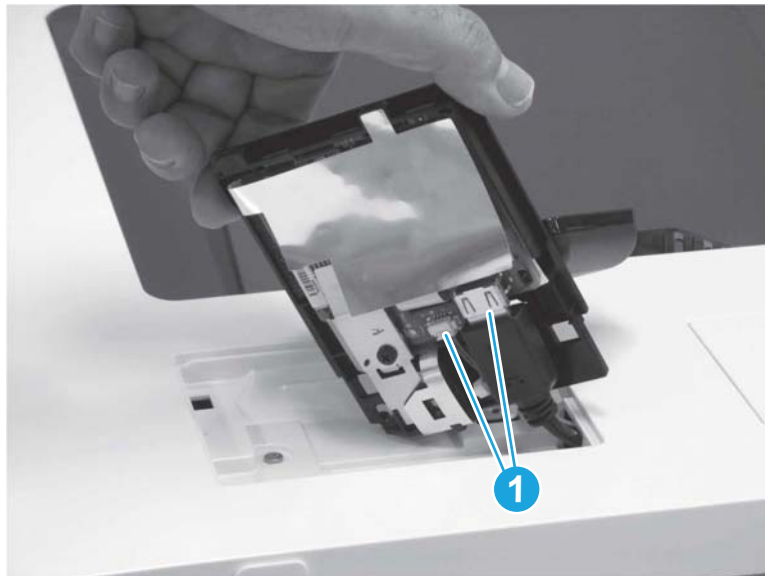
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-1416** Slide the control panel back



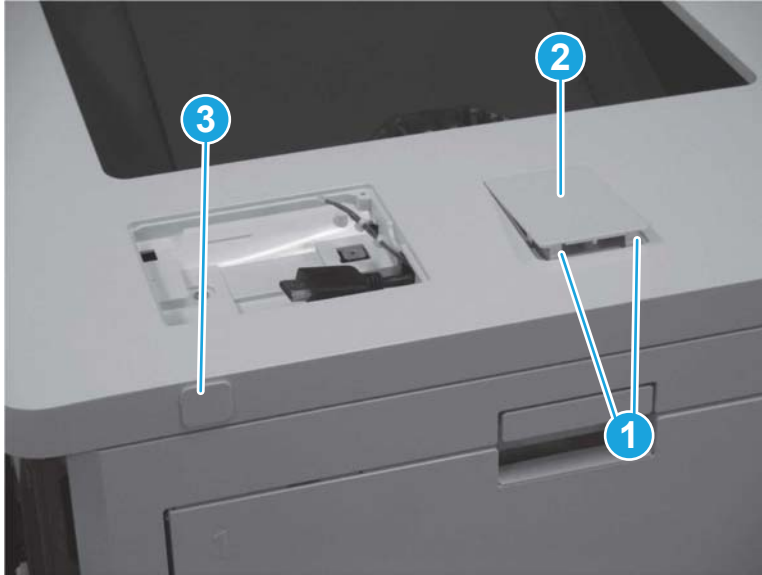
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1417** Disconnect two connectors



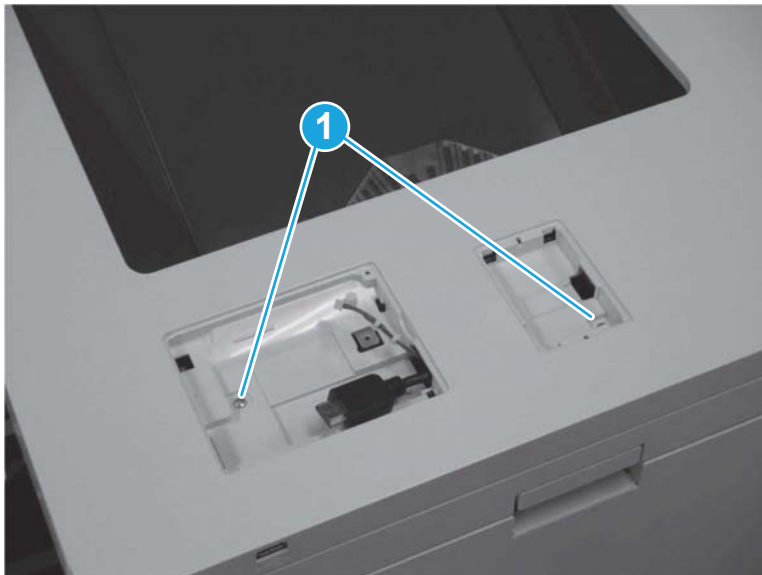
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1418 Remove the HIP cover and USB cap



- b. At the top of the printer, remove two screws (callout 1).

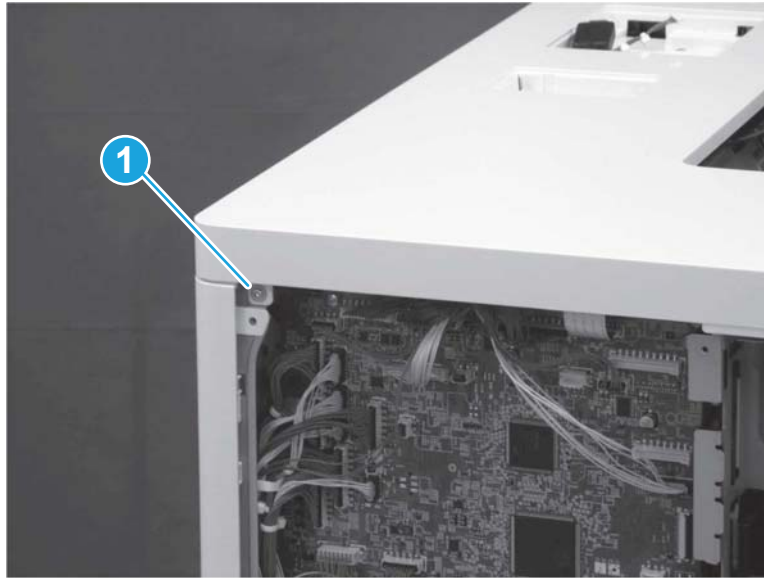
Figure 1-1419 Remove two screws






- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1420 Remove one screw

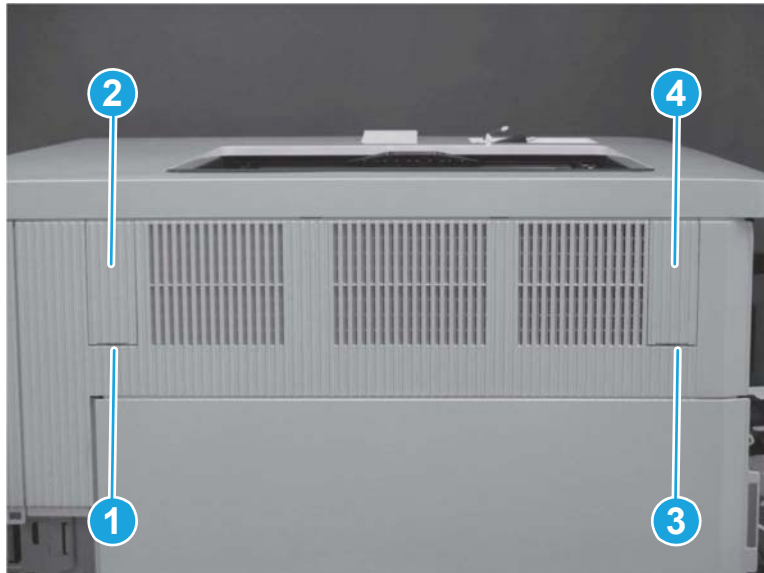


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

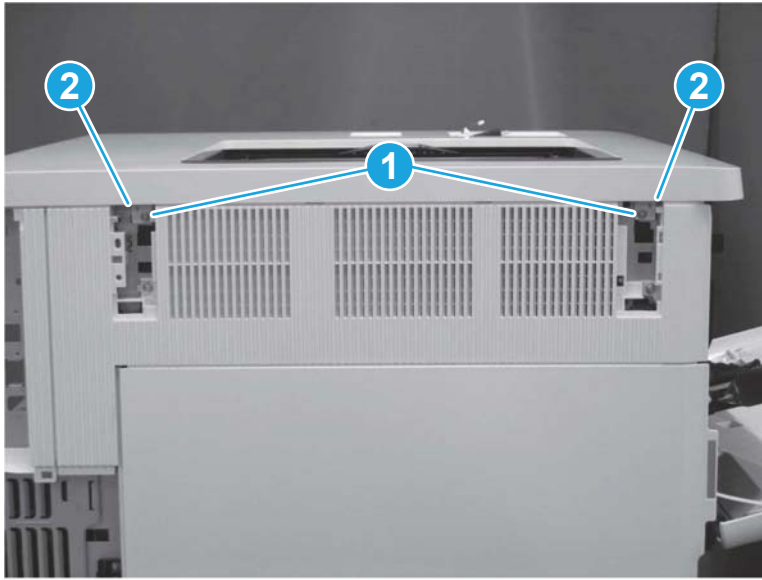
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

Figure 1-1421 Remove the left and right blanking covers



- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1422 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


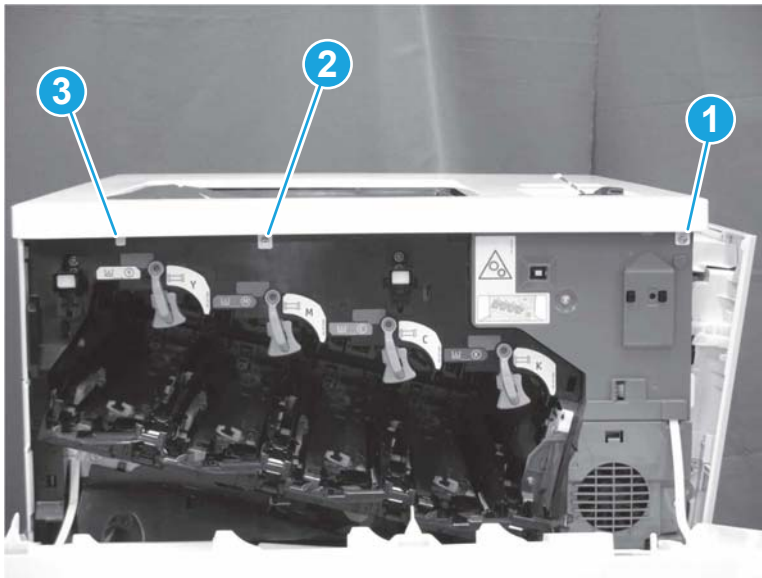
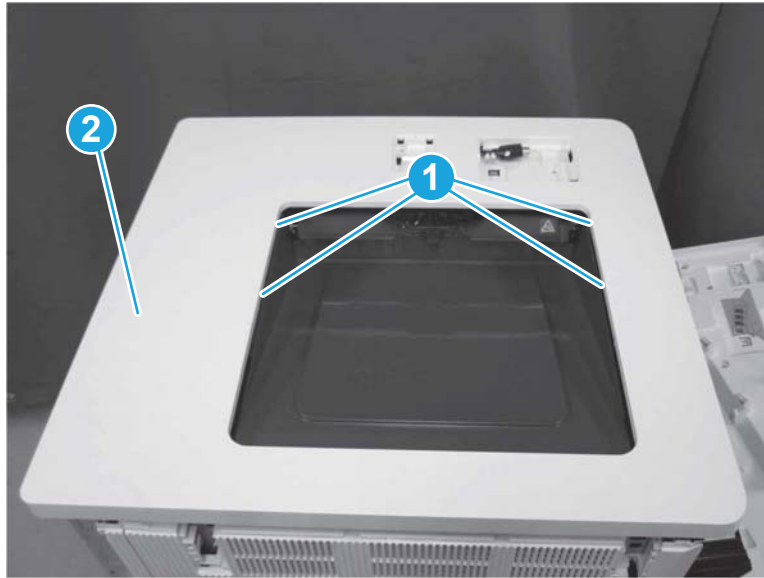
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

Figure 1-1423 Remove two screws and release one tab

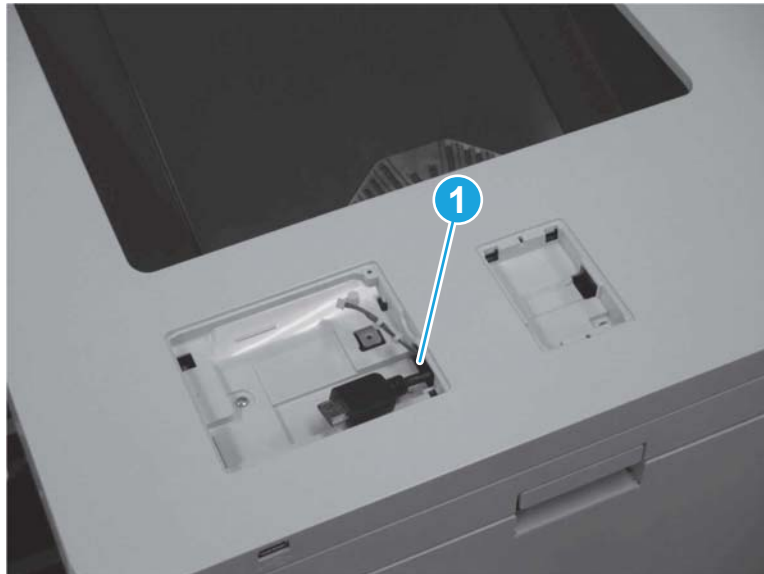


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-1424 Remove the top cover



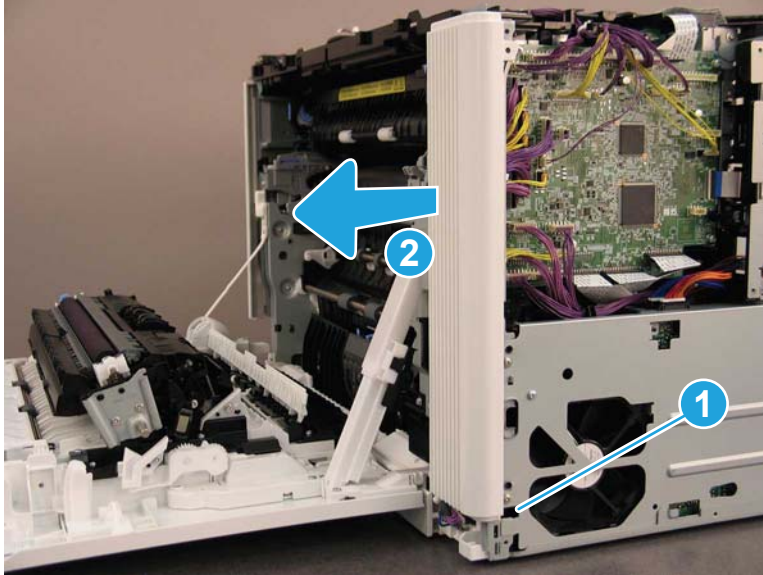
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the right rear cover (M751/E75245).

- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.


Figure 1-1425 Remove the right rear cover



9. Remove the output bin (M751/E75245).

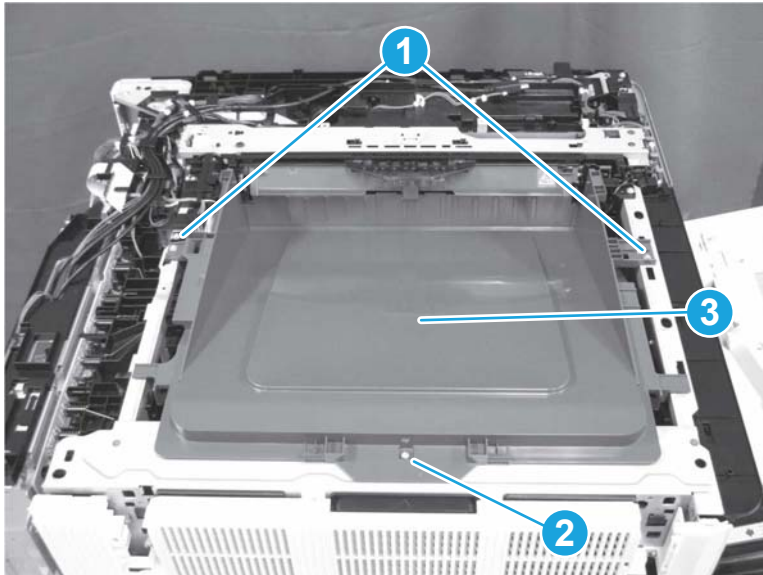
- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).

---

 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

---

Figure 1-1426 Remove the output bin



10. Remove the delivery assembly.

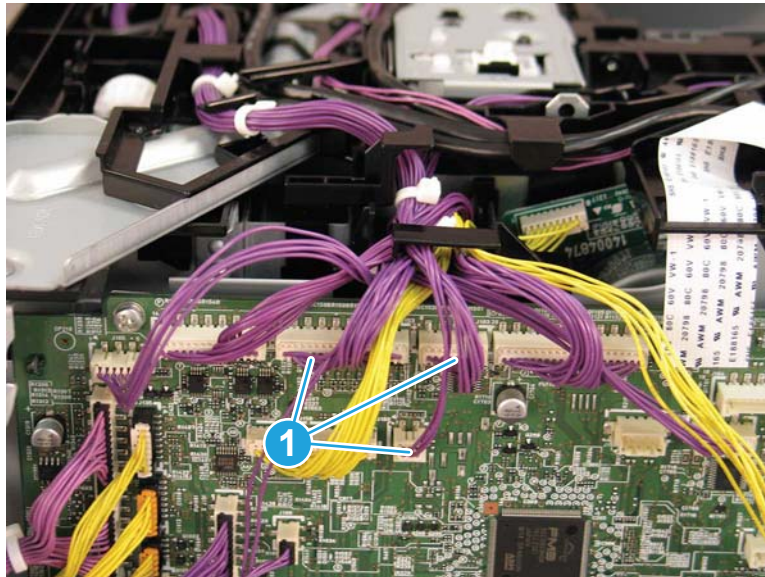
- a. Disconnect four connectors (callout 1) on the formatter board.

Figure 1-1427 Disconnect four connectors



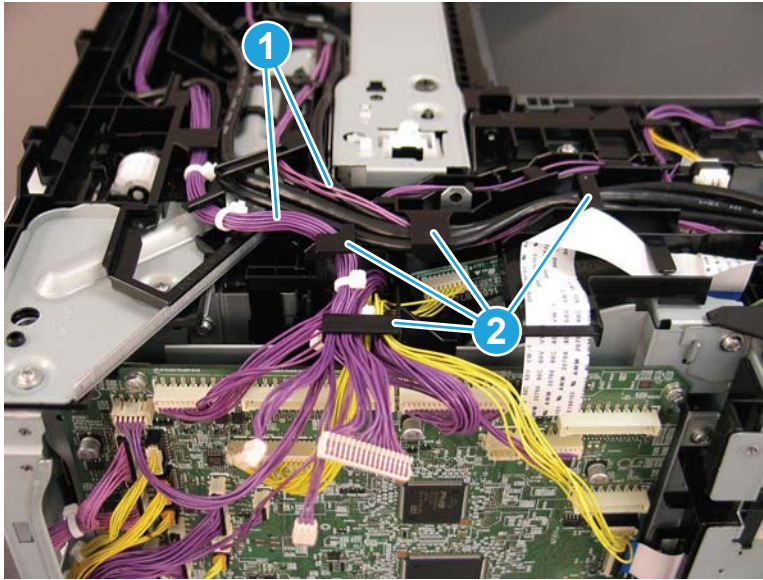
- b. Disconnect three connectors on the DC controller (callout 1).

Figure 1-1428 Disconnect three connectors



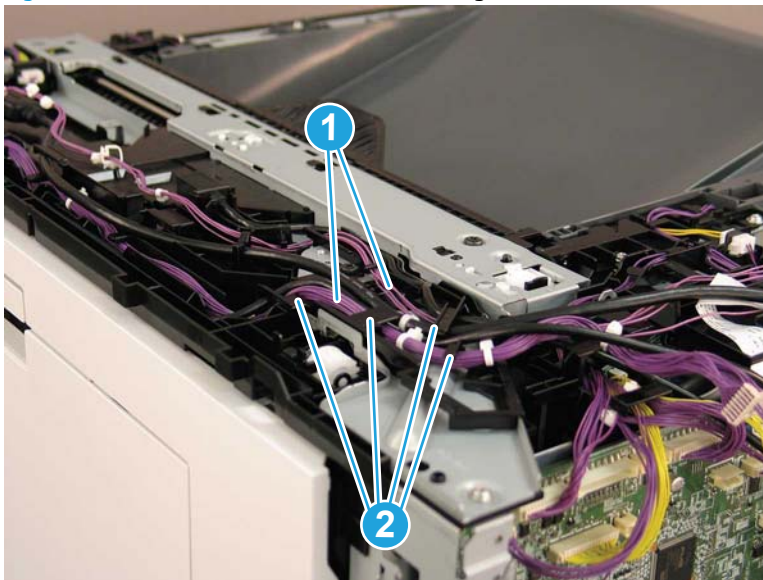
- c. Release the cables (callout 1) from the guides (callout 2).

Figure 1-1429 Release the cables from the guides



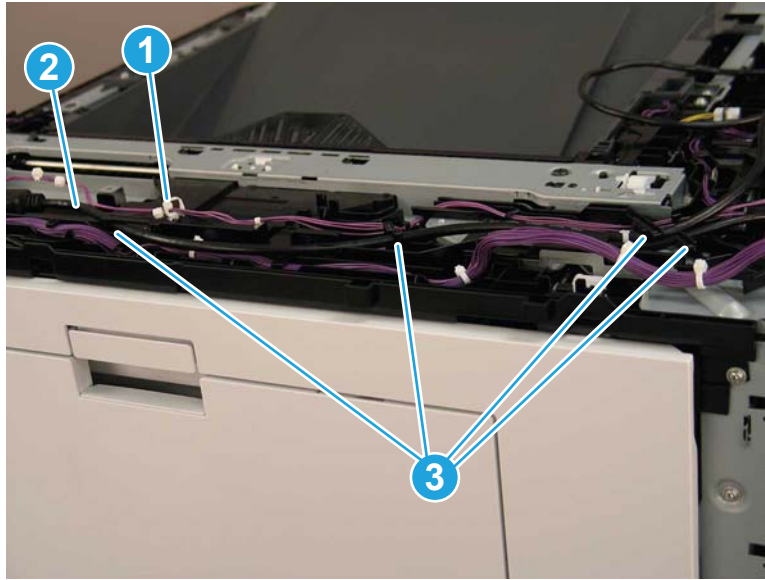
- d. Release the cables (callout 1) from the guides (callout 2).

Figure 1-1430 Release the cables from the guides



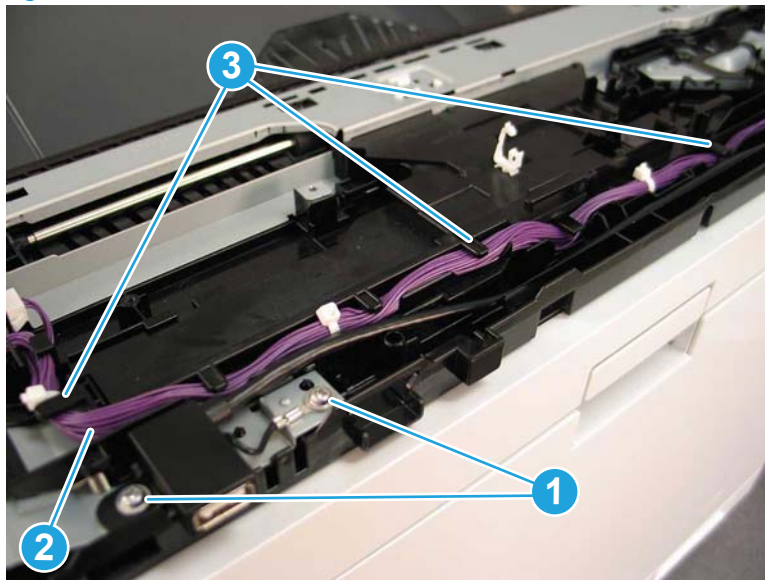
- e. Open one retainer (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-1431 Release the cables from the guides



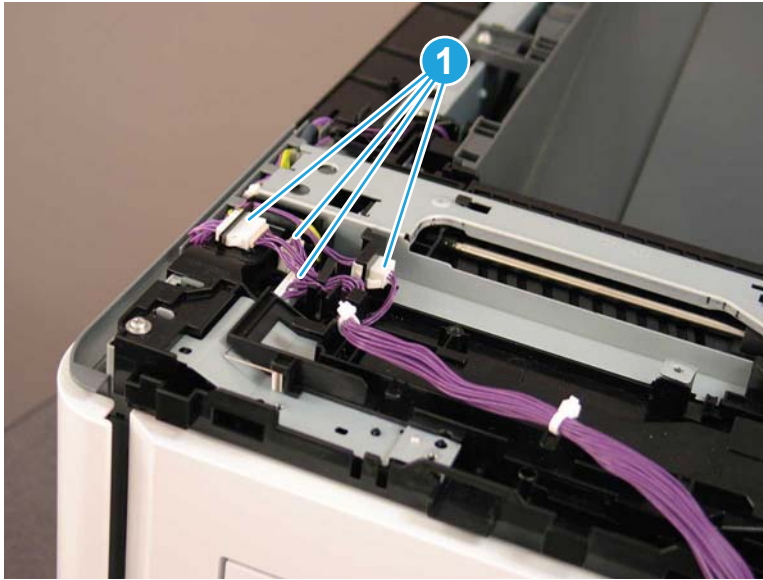
- f. Remove two screws (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-1432 Remove two screws and release the cables



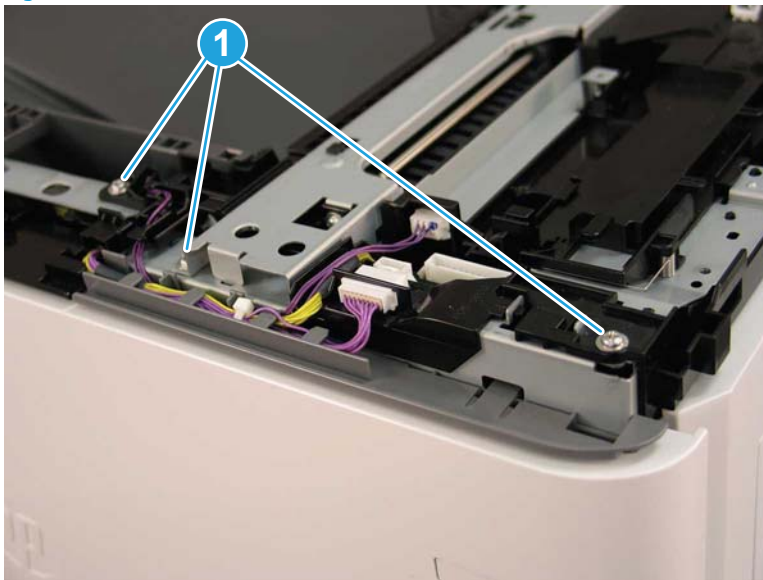
- g. Disconnect four connectors (callout 1).

Figure 1-1433 Disconnect four connectors



- h. Remove three screws (callout 1).

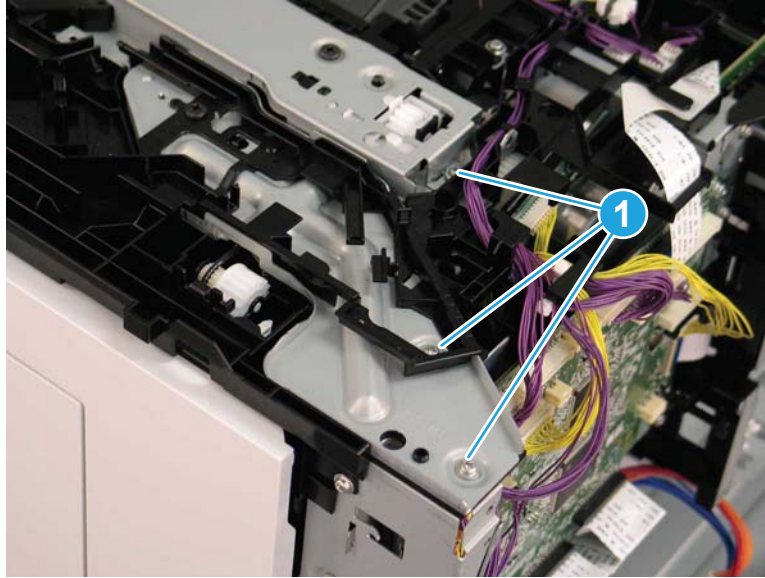
Figure 1-1434 Remove three screws





- i. Remove three screws (callout 1).

**Figure 1-1435** Remove three screws



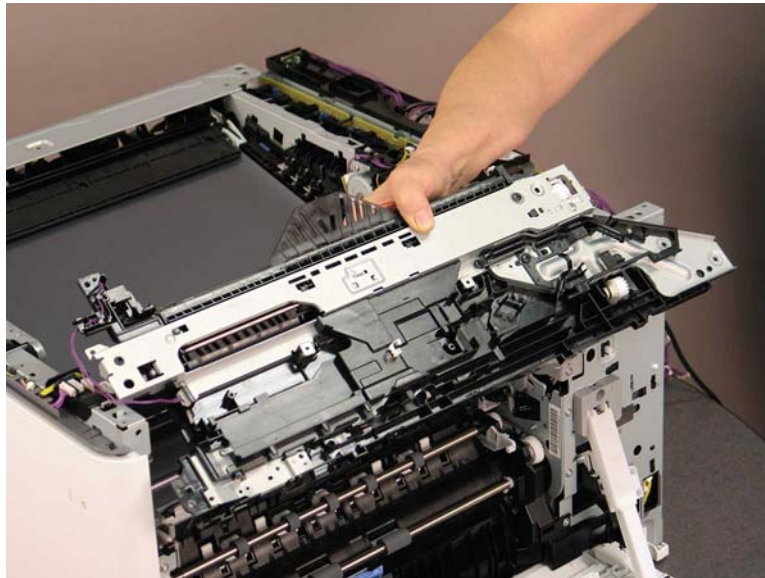
- j. Remove the duplex switchback assembly and the delivery assembly together.

---

**⚠ CAUTION:** The gears on the delivery assembly are not captive. Do not lose the gears when handling the assembly.

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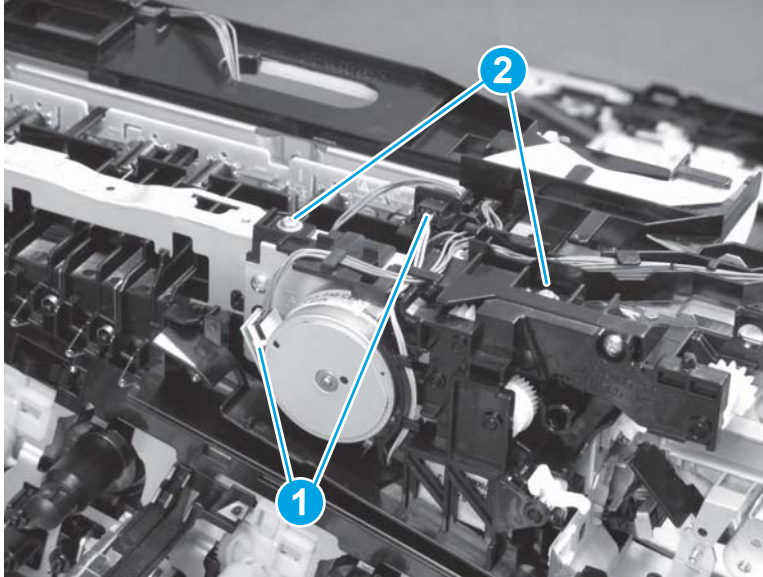
**Figure 1-1436** Remove the duplex switchback assembly and delivery assembly



11. Remove the duplex drive assembly.

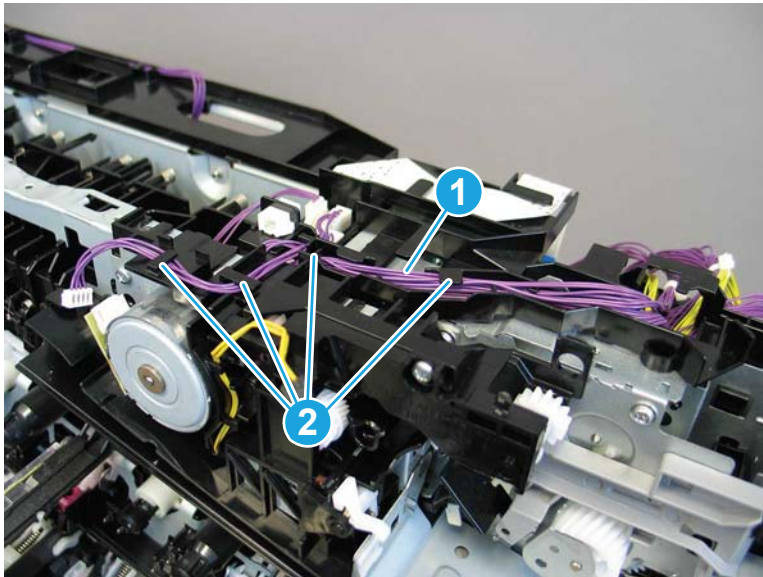
- a. Disconnect two connectors (callout 1) and then remove two screws (callout 2).

Figure 1-1437 Disconnect two connectors and remove two screws



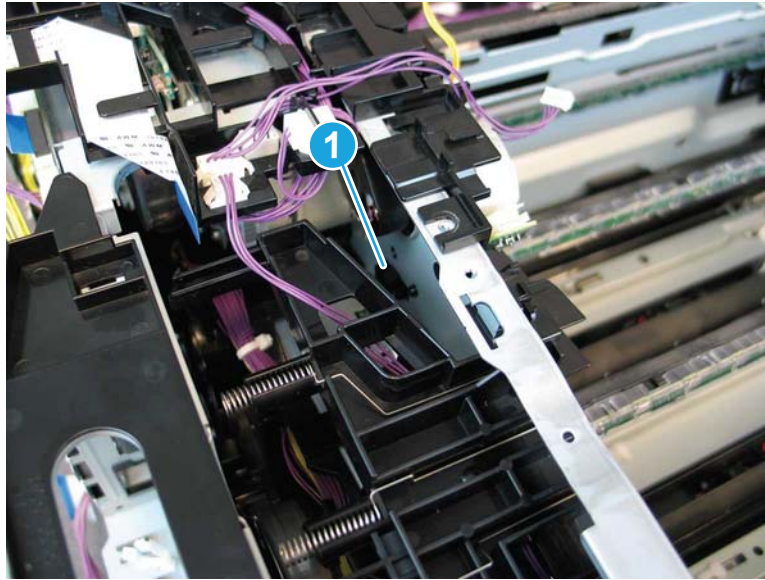
- b. Remove the wire harness (callout 1) from the guides (callout 2).

Figure 1-1438 Remove the wire harness from the guides



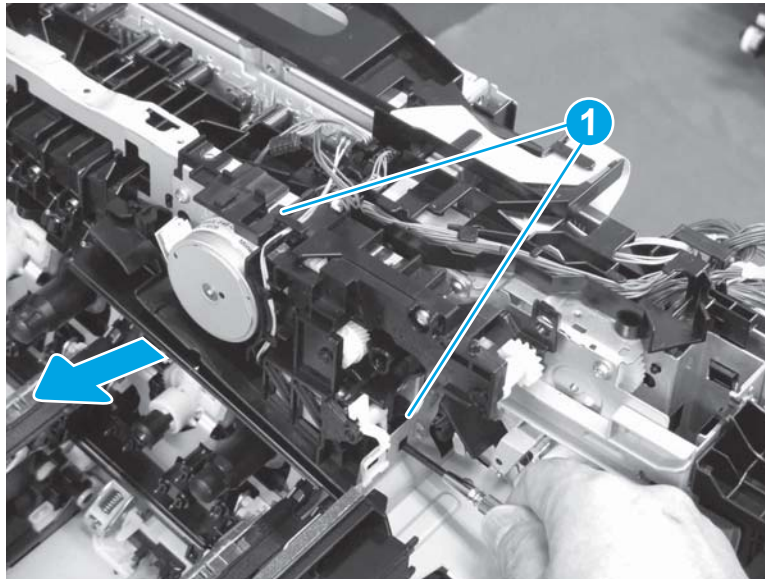
- c. Release one tab (callout 1).

Figure 1-1439 Release one tab



- d. Release two tabs (callout 1). Use a small, flat-blade screwdriver to release the right tab. Pull the duplex drive assembly away from the printer.

Figure 1-1440 Release two tabs



- e. Remove the duplex drive assembly.

**Figure 1-1441** Remove the duplex drive assembly



12. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.


---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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### Removal and replacement: Main drive assembly (M751/E75245)

Learn how to remove and replace the main drive assembly.

 [View a video of how to remove and replace the main drive assembly.](#)

Mean time to repair: 42 minutes


Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-82 Part information**

Part number	Part description
RM2-1614-000CN	Main drive assembly
RC5-1055-000CN	Cam, coupling estrangement (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

Figure 1-1442 Remove the toner cartridge



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-1443 Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

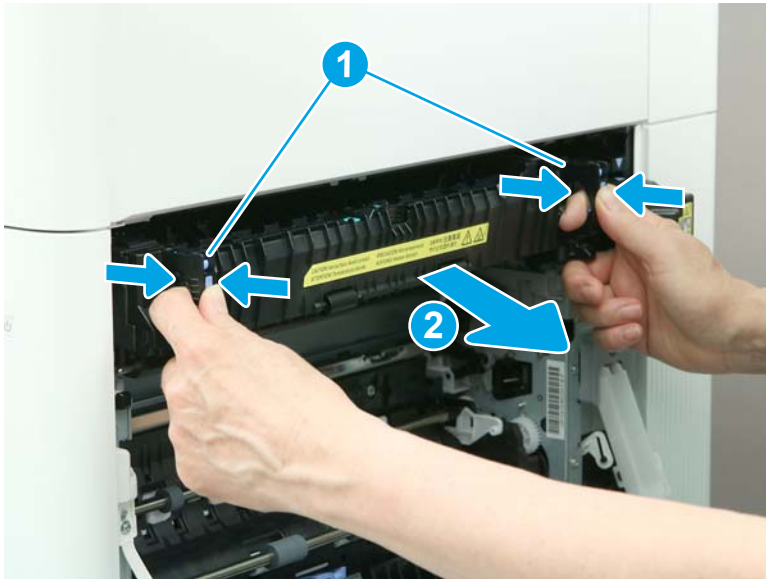
Figure 1-1444 Remove the imaging drum



3. Remove the fuser.

- ▲ Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

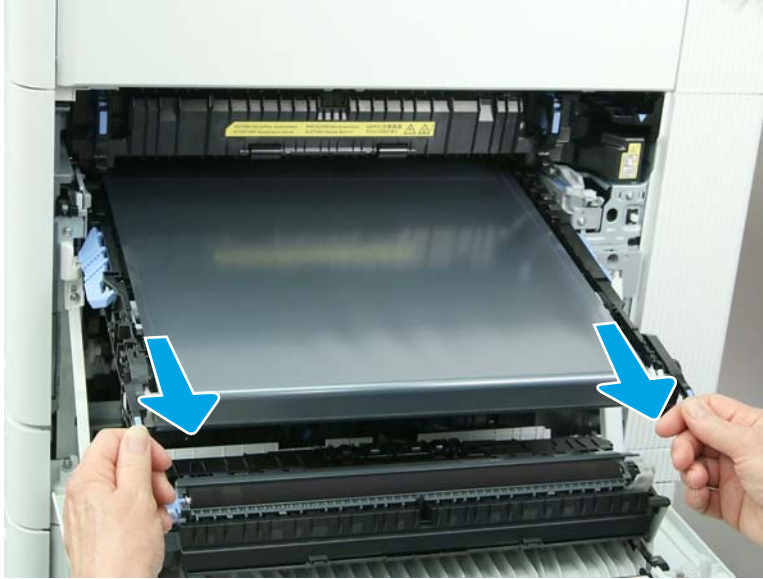
Figure 1-1445



4. Remove the intermediate transfer belt (ITB).

- a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-1446 Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

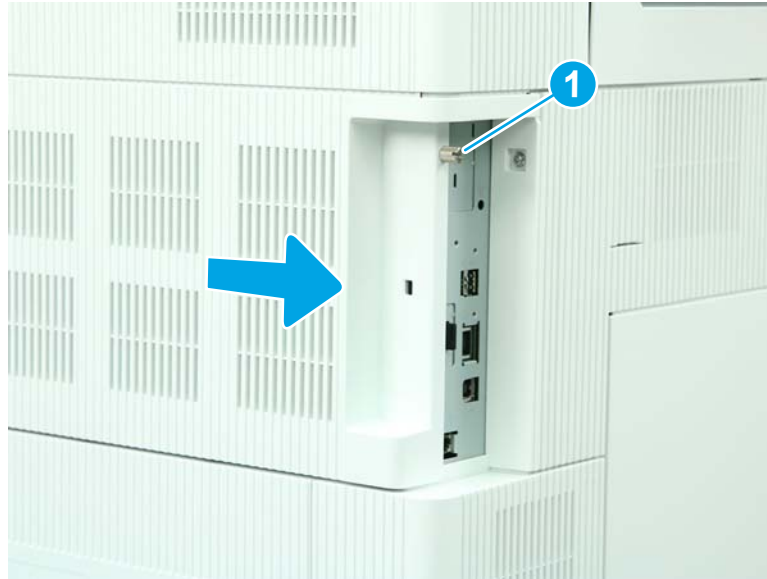
Figure 1-1447 Remove the ITB



5. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

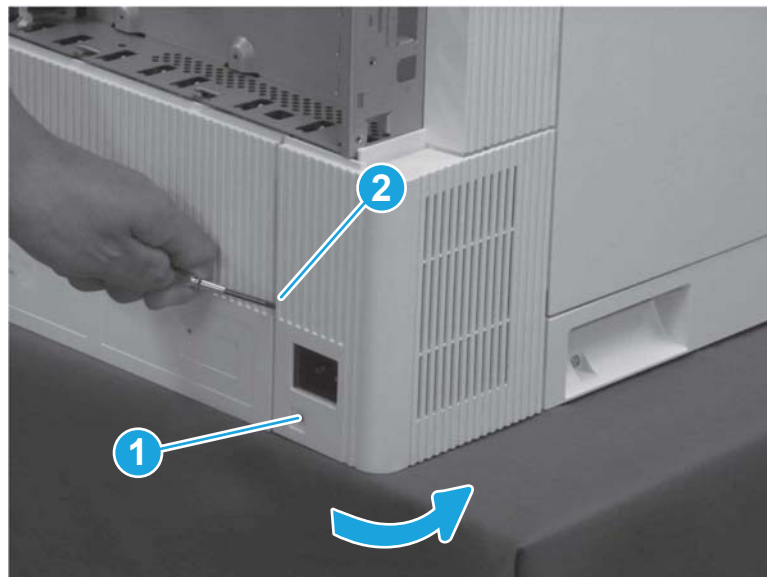


Figure 1-1448 Remove the formatter cover



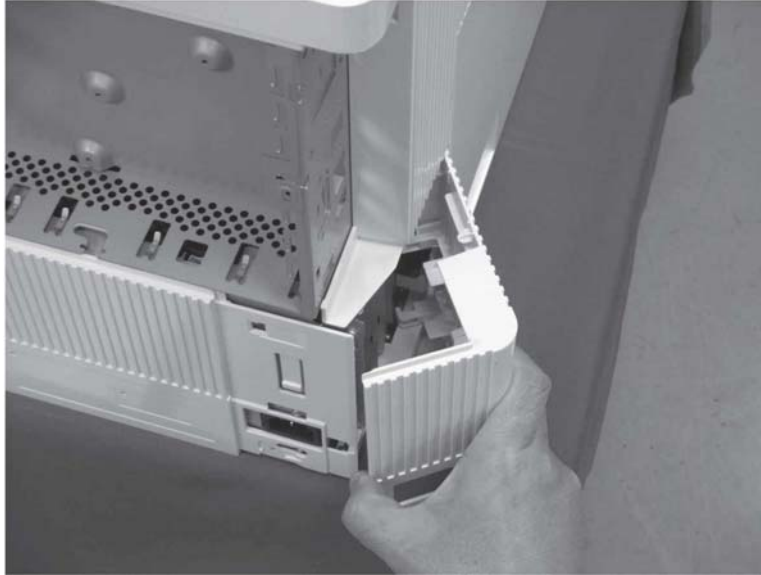
6. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1449 Remove one screw and release one tab



- b. Remove the left lower cover.

Figure 1-1450 Remove the left lower cover



- 7. Remove the left rear cover (M751/E75245/M856/E85055/M776).

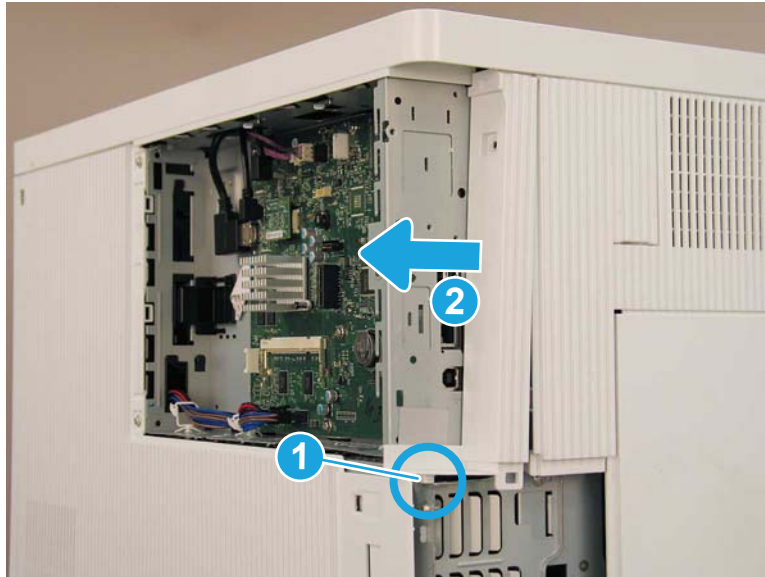
- a. Remove one screw (callout 1).

Figure 1-1451 Remove one screw



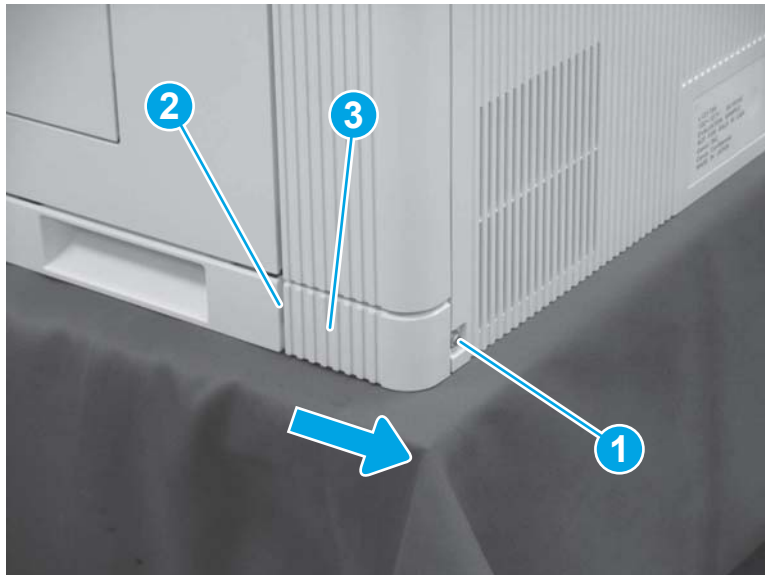
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

**Figure 1-1452** Remove the left rear cover



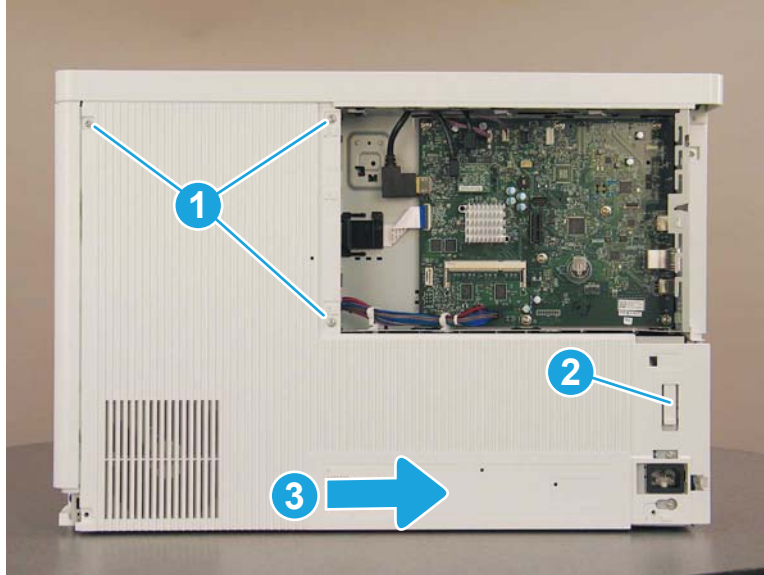
8. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-1453** Remove the right rear lower cover




9. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1454 Remove the rear cover

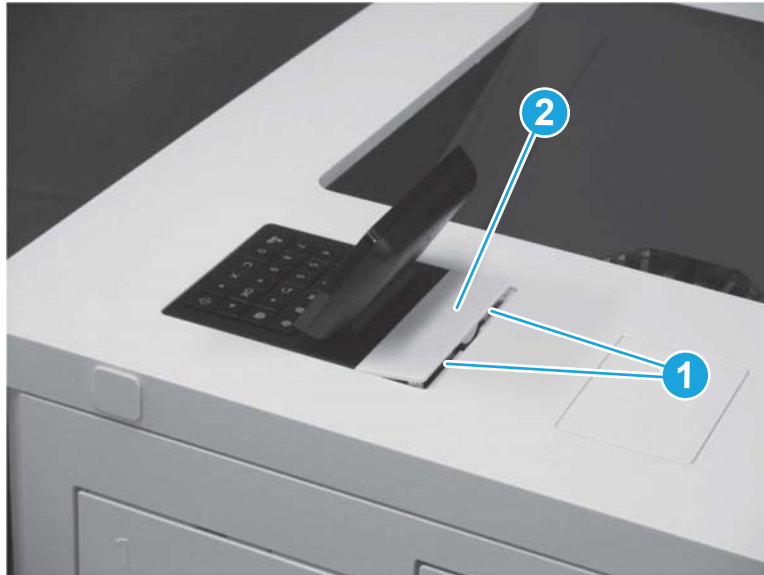


10. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1455 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1456 Remove one screw



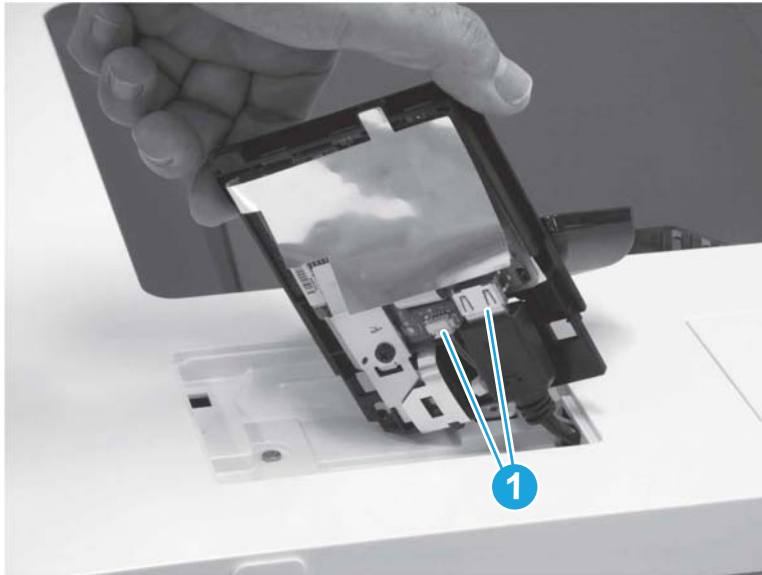
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1457 Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

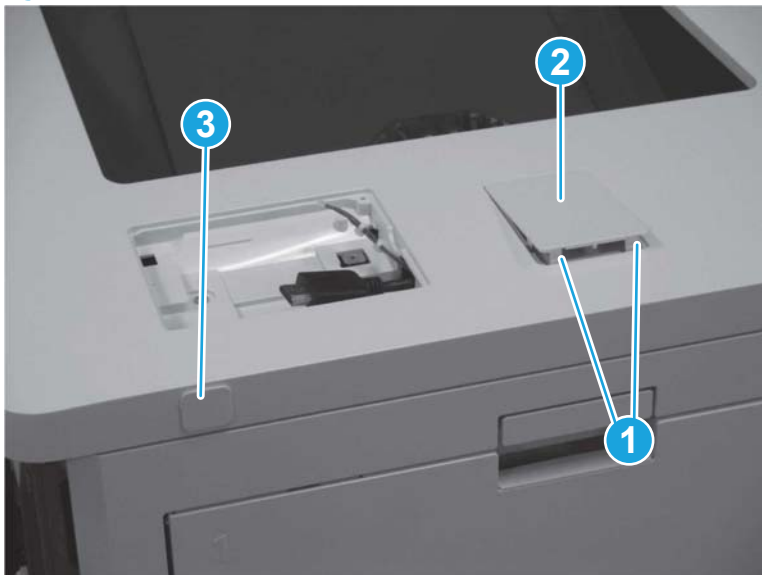
Figure 1-1458 Disconnect two connectors



11. Remove the top cover (M751/E75245).

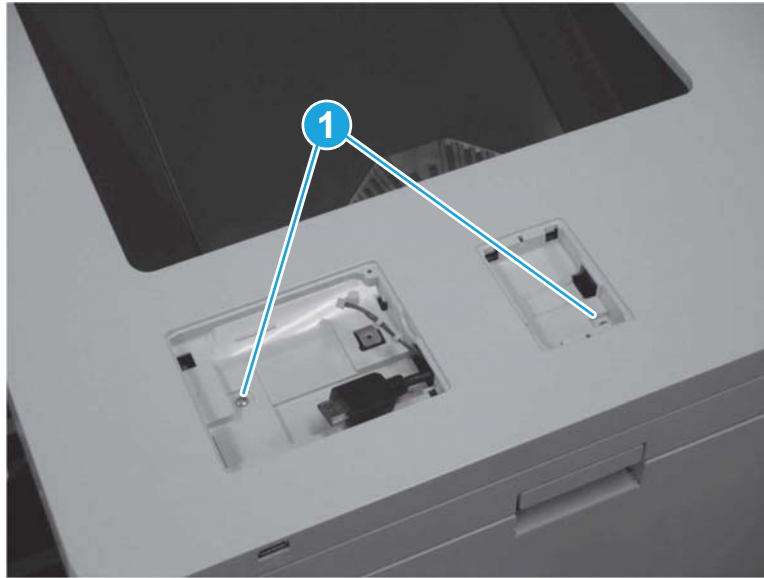
- a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1459 Remove the HIP cover and USB cap



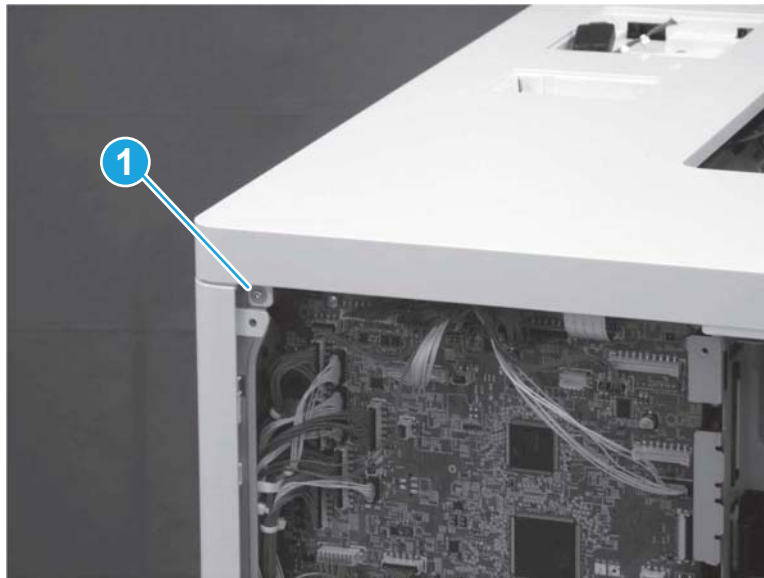
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1460 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1461 Remove one screw

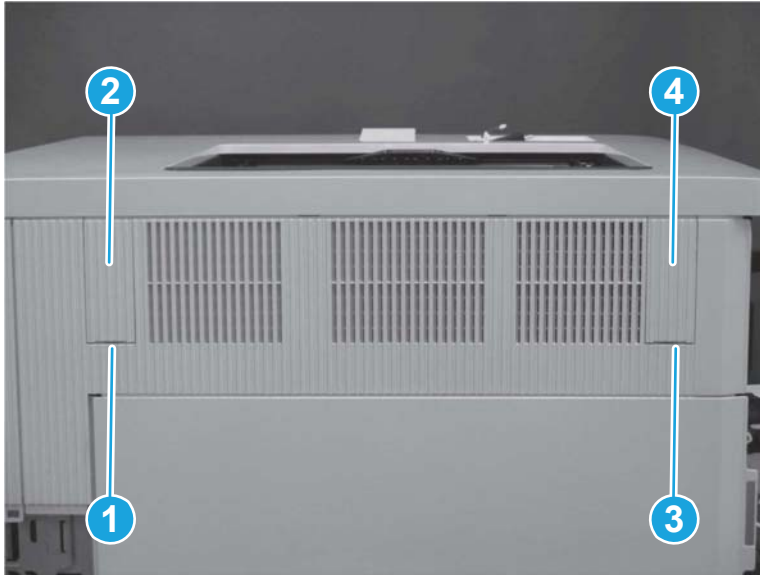


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

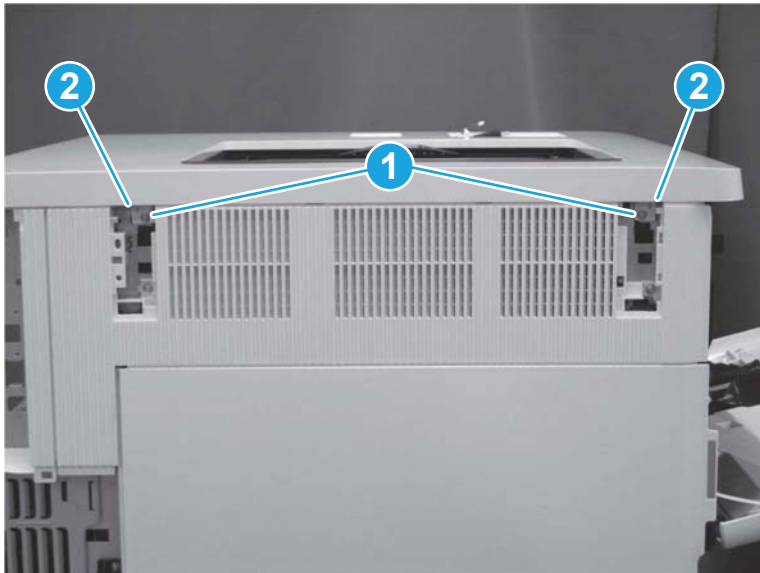
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-1462** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1463** Remove two screws and release two tabs

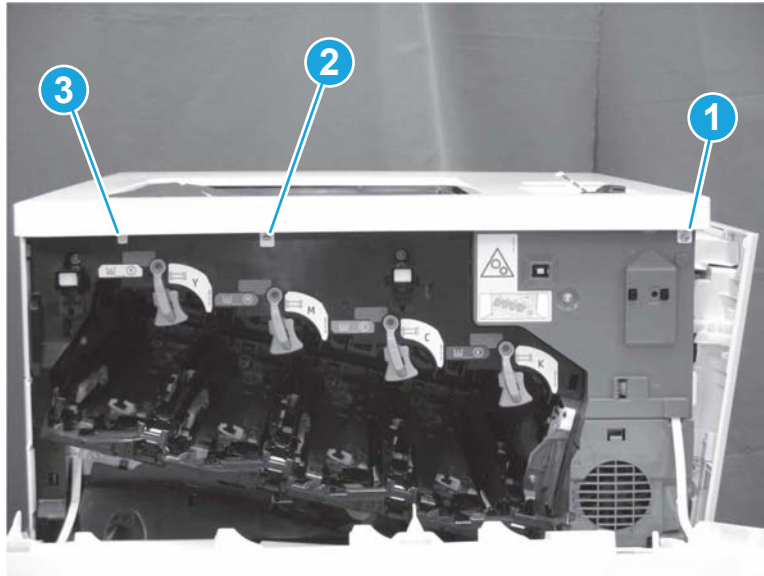




- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

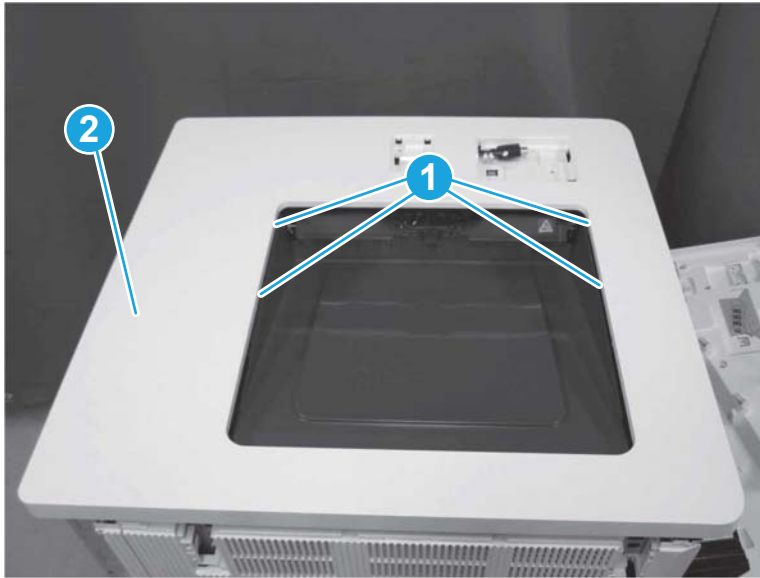
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

**Figure 1-1464** Remove two screws and release one tab

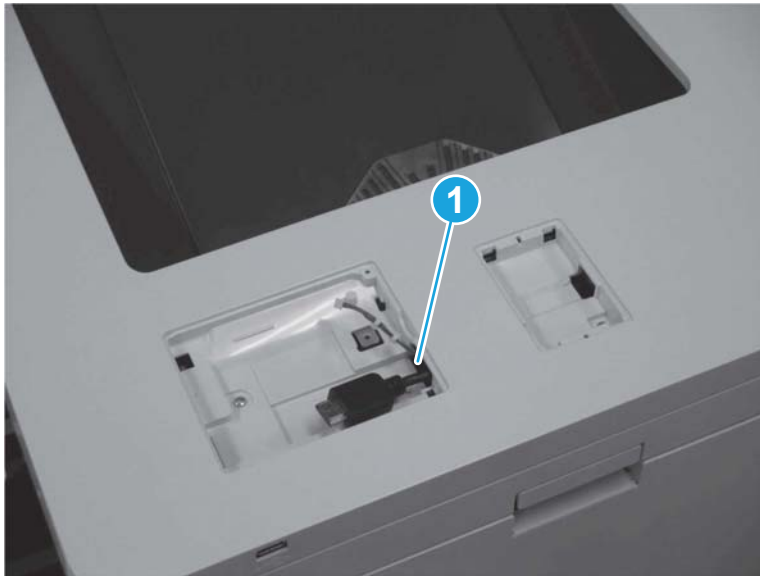


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-1465 Remove the top cover



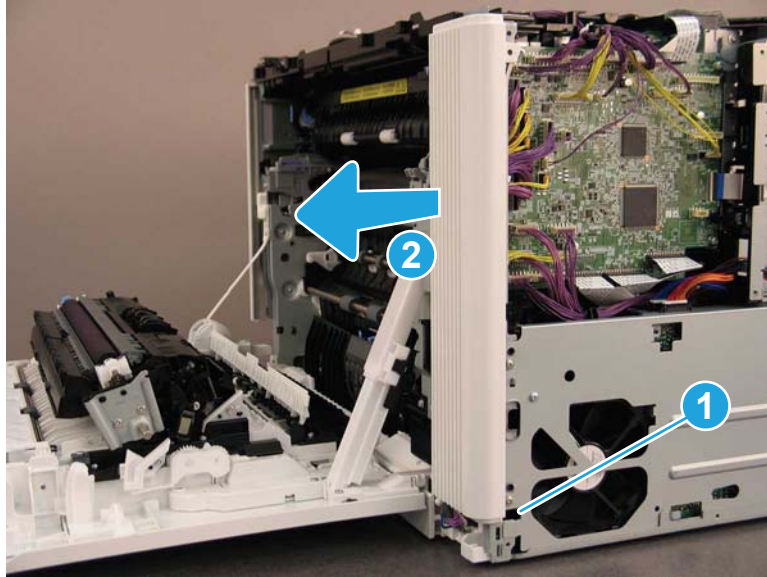
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



12. Remove the right rear cover (M751/E75245).

- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

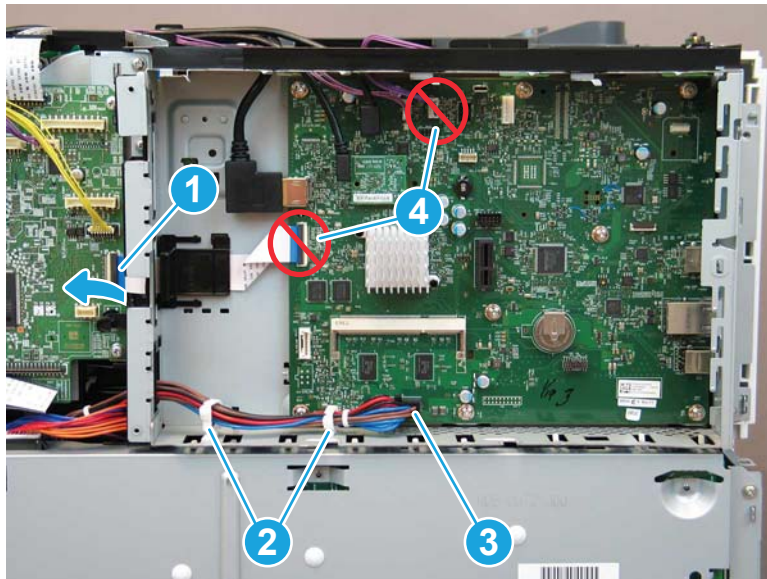
Figure 1-1466 Remove the right rear cover



13. Remove the formatter and case.

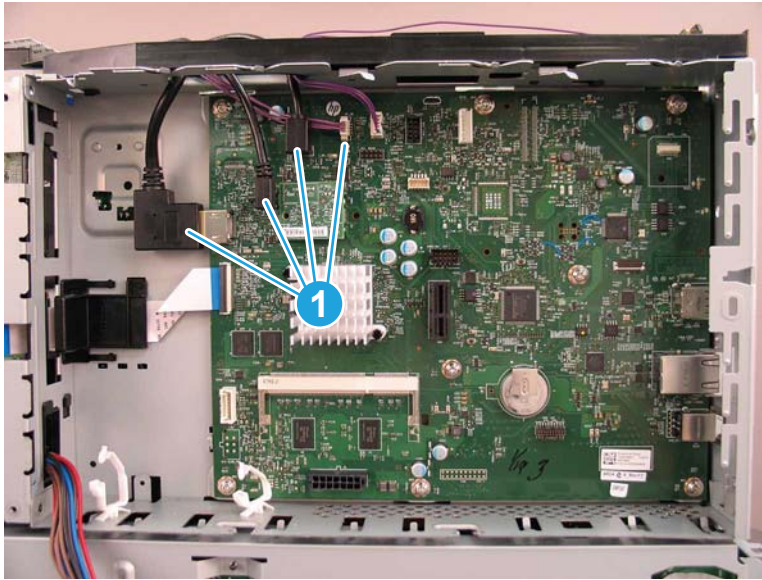
- a. Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch (callout 3) to disconnect the connector (callout 4) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-1467 Disconnect the connectors



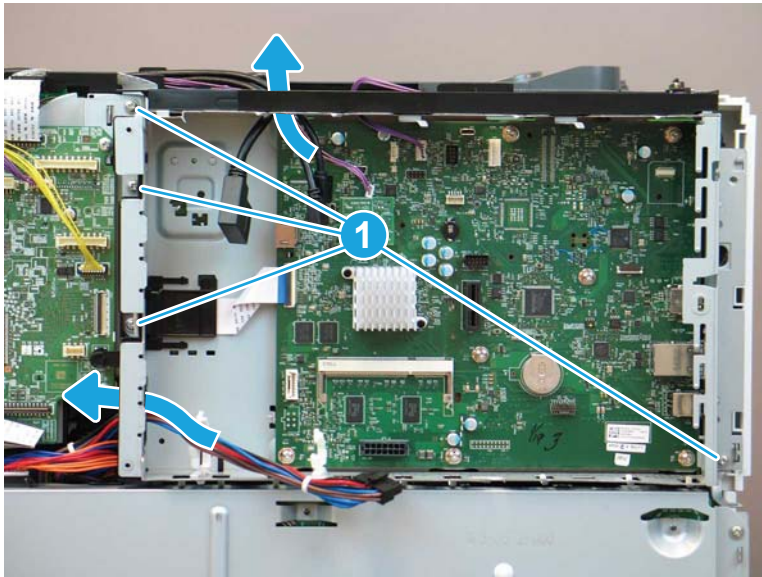
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-1468 Disconnect the connectors



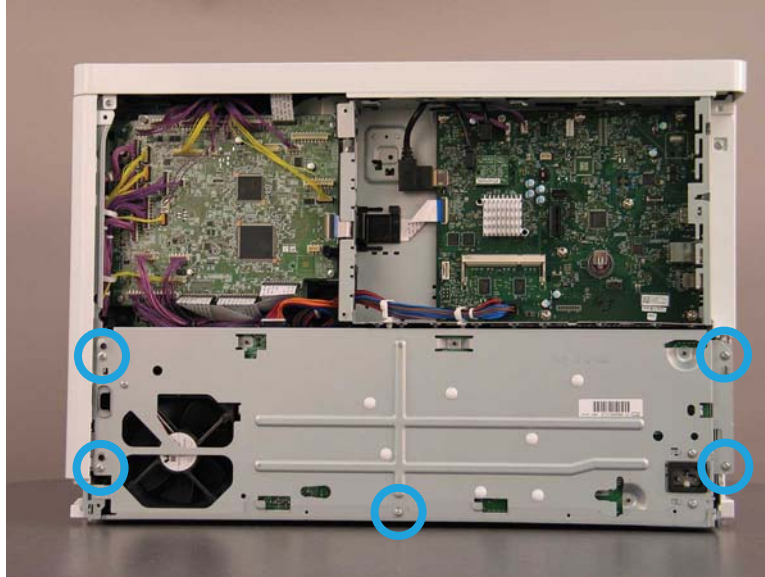
- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

Figure 1-1469 Remove the formatter and case



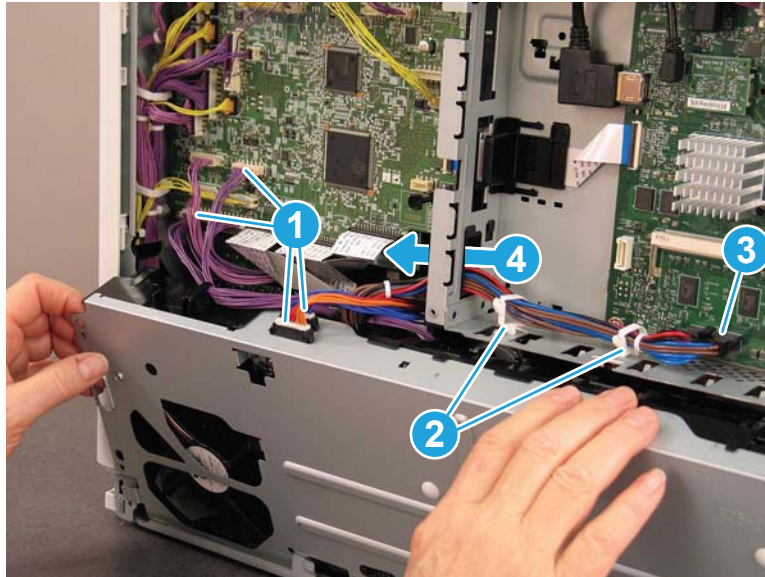
- 14. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-1470 Remove five screws



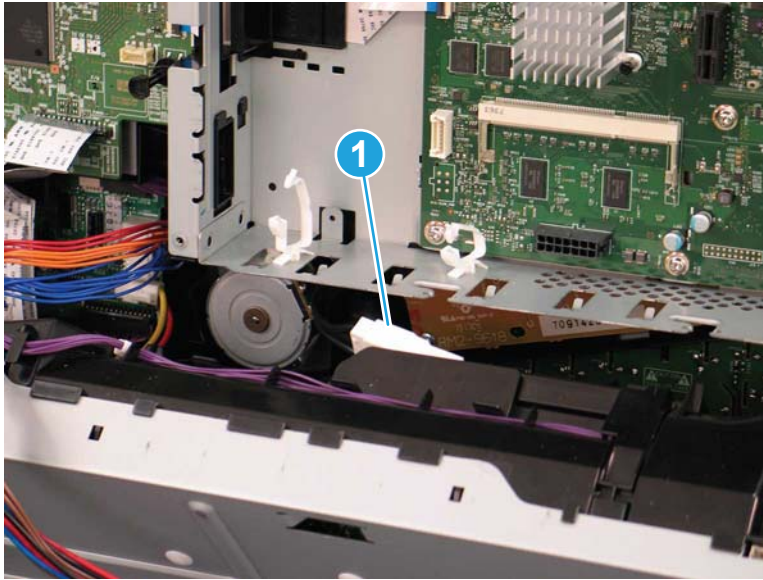
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-1471 Disconnect five connectors



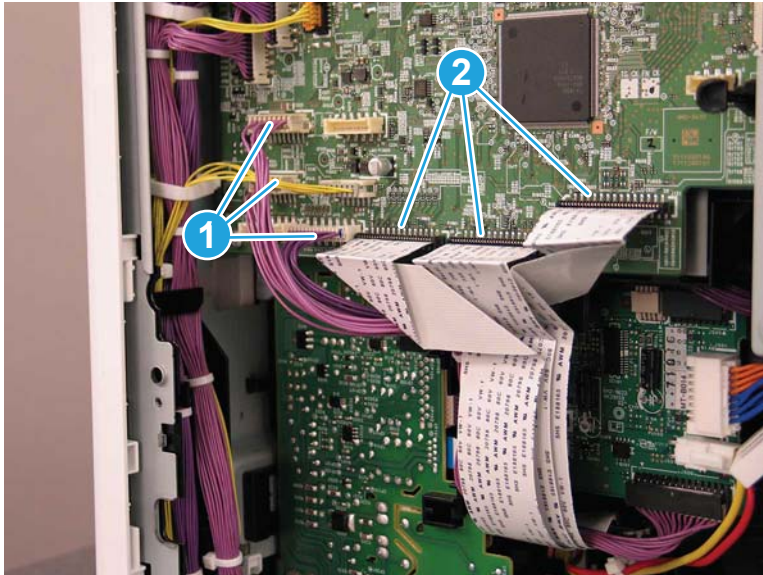
- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

Figure 1-1472 Remove the LVPS



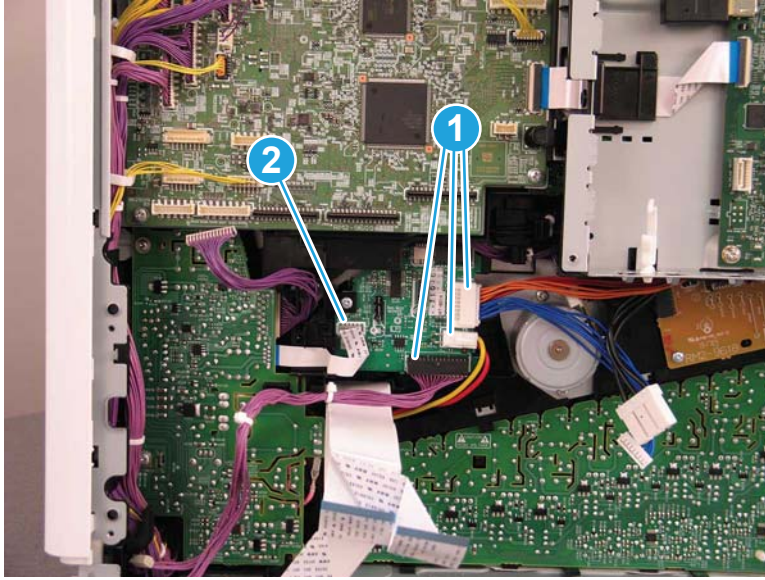
- 15. Remove the T2 connecting PCA.
  - a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

Figure 1-1473 Disconnect six connectors



- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-1474 Disconnect three connectors and one flat cable



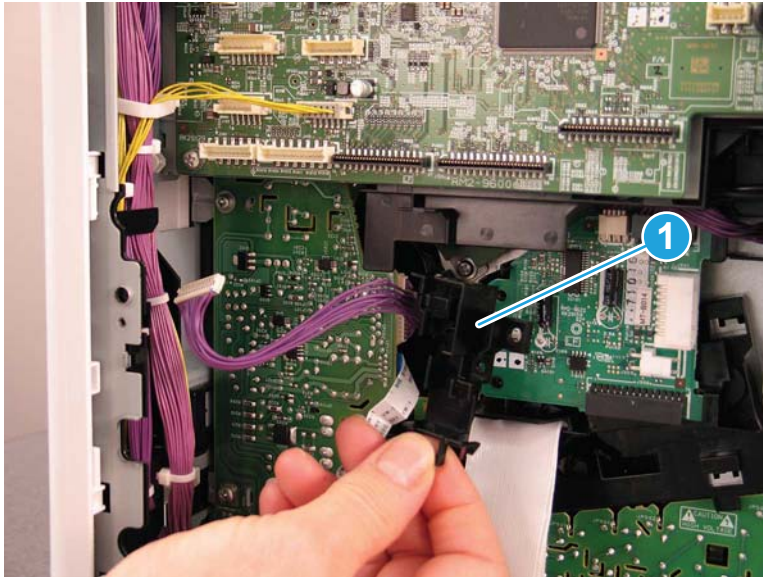
- c. Remove one screw (callout 1).

Figure 1-1475 Remove one screw



- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

Figure 1-1476 Remove the cable guide



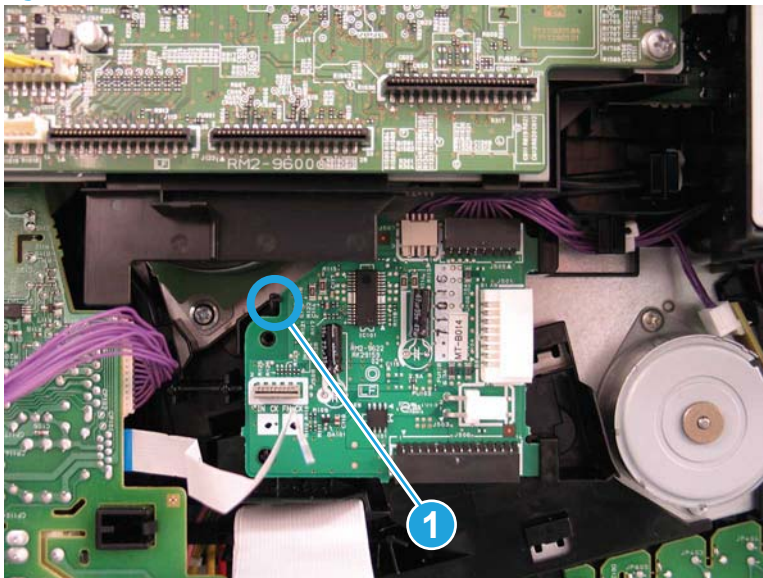
- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

---

**⚠ CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

---

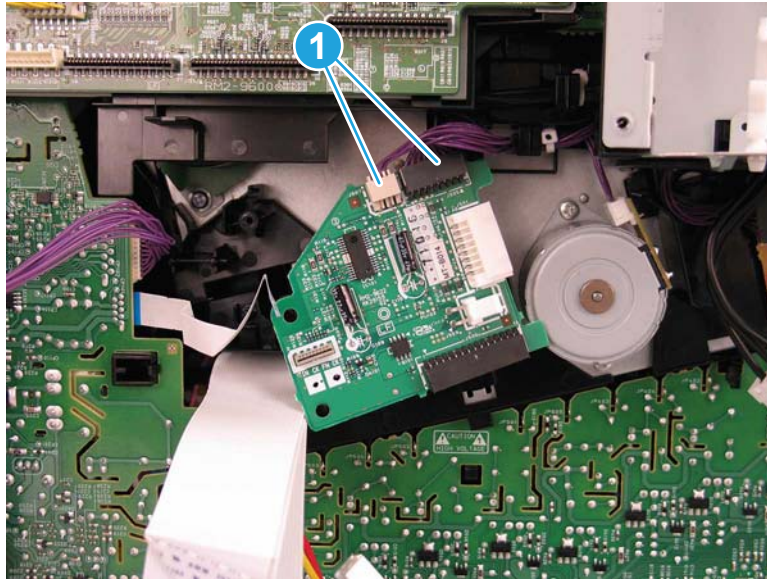
Figure 1-1477 Release one tab





- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

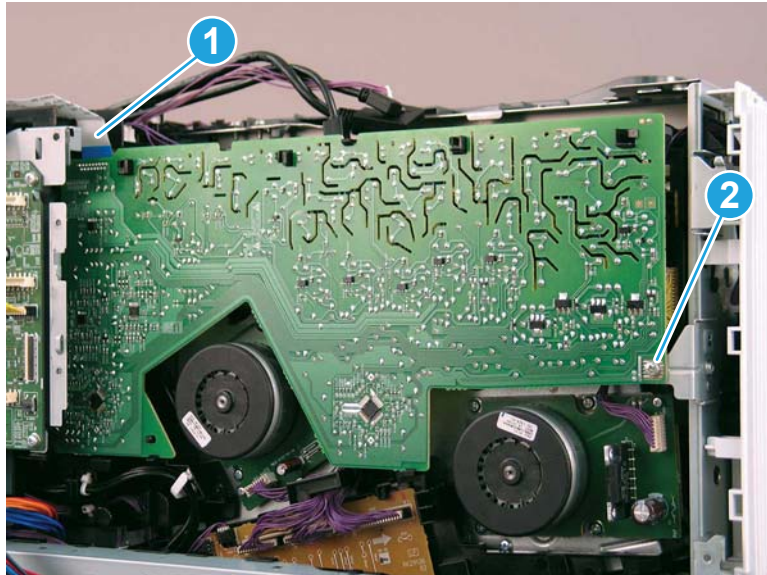
Figure 1-1478 Disconnect two connectors and remove the PCA



- 16. Remove the upper high-voltage power supply A (upper HVPS).

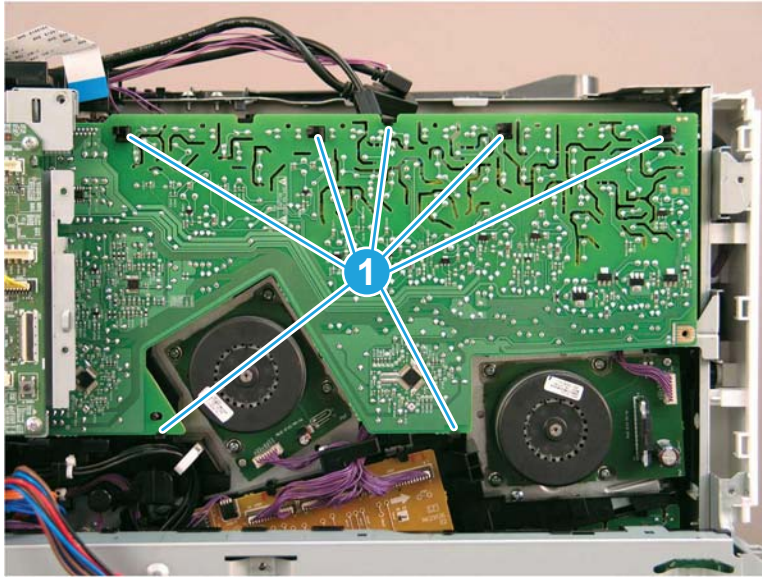
- a. Disconnect one flat cable (callout 1), and then remove one screw (callout 2).

Figure 1-1479 Disconnect one flat cable and remove one screw



- b. Release seven tabs (callout 1), and then remove the upper HVPS.

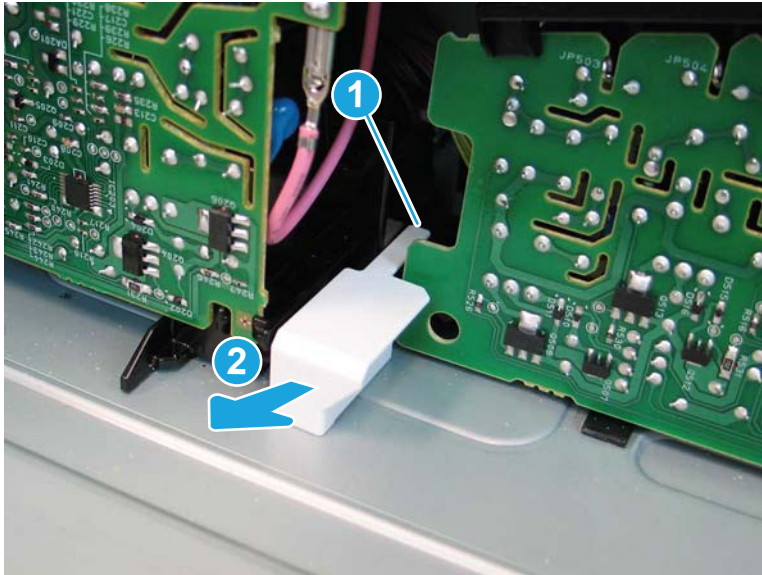
Figure 1-1480 Release seven tabs and remove the upper HVPS



- 17. Remove the lower high-voltage power supply (lower HVPS).

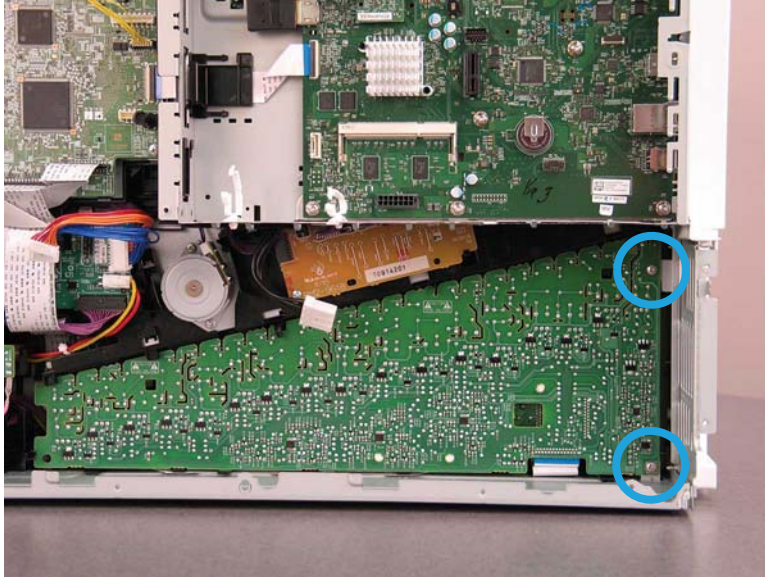
- a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-1481 Remove the stopper



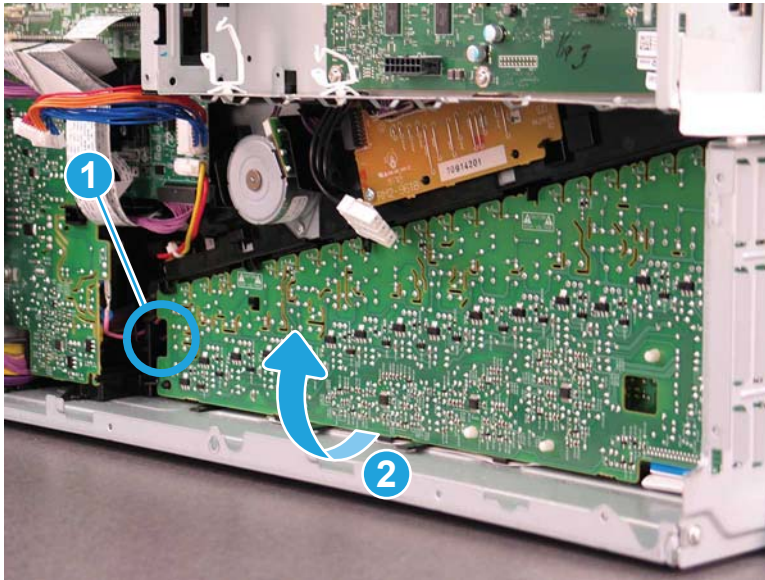
- b. Remove two screws (callout 1).

Figure 1-1482 Remove two screws



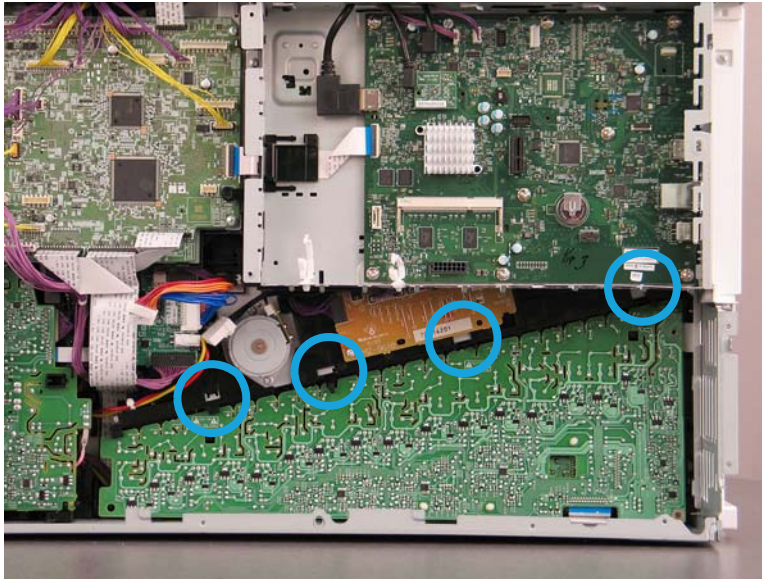
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-1483 Release the lower edge of the lower HVPS



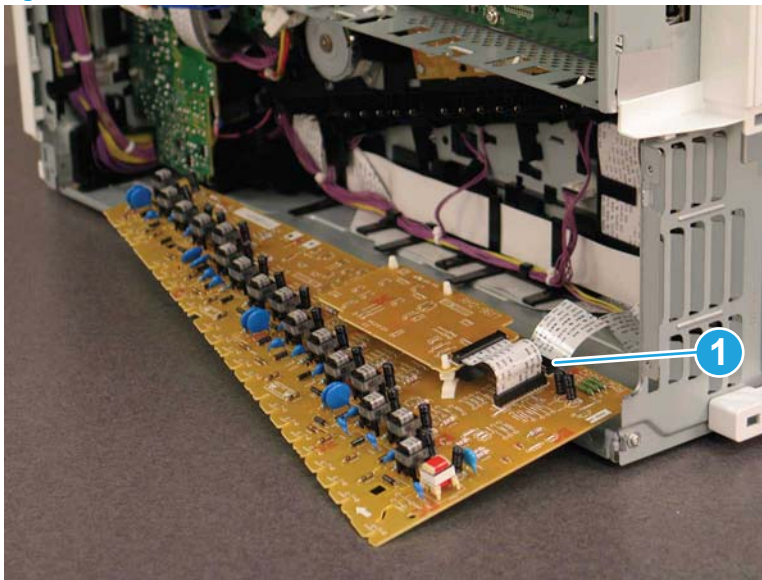
- d. Release the lower HVPS from four tabs.

Figure 1-1484 Release four tabs



- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

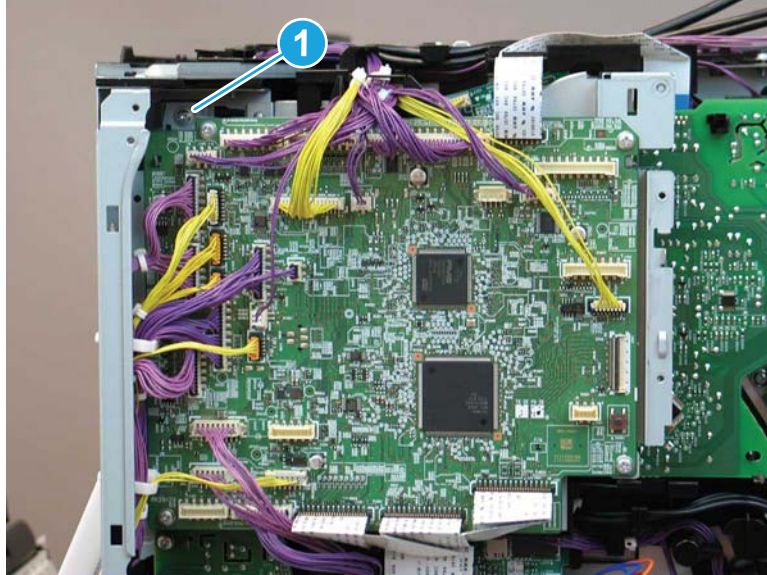
Figure 1-1485 Disconnect one flat cable



- 18. Remove the DC controller and case.

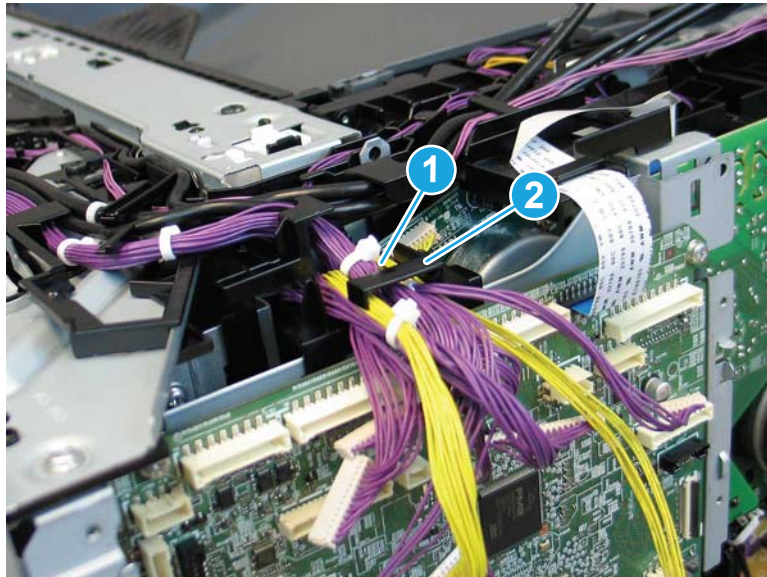
- a. Disconnect all of the connectors on the DC controller, and then remove one screw (callout 1).

Figure 1-1486 Disconnect connectors and remove one screw



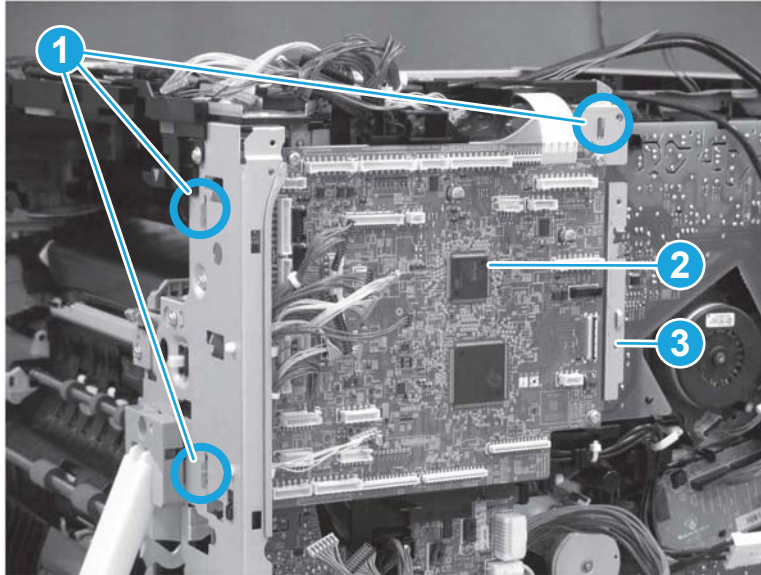
- b. Release the wire harnesses (callout 1) from the retainer (callout 2).

Figure 1-1487 Remove the wire harnesses from the retainer




- c. Lift up to release three tabs (callout 1), and then remove the DC controller (callout 2) together with the case (callout 3).

Figure 1-1488 Remove the DC controller and case



19. Remove the main drive assembly.

- a. Open the front door.

 **IMPORTANT:** The front door must remain open during removal and installation of the main drive assembly to prevent issues.

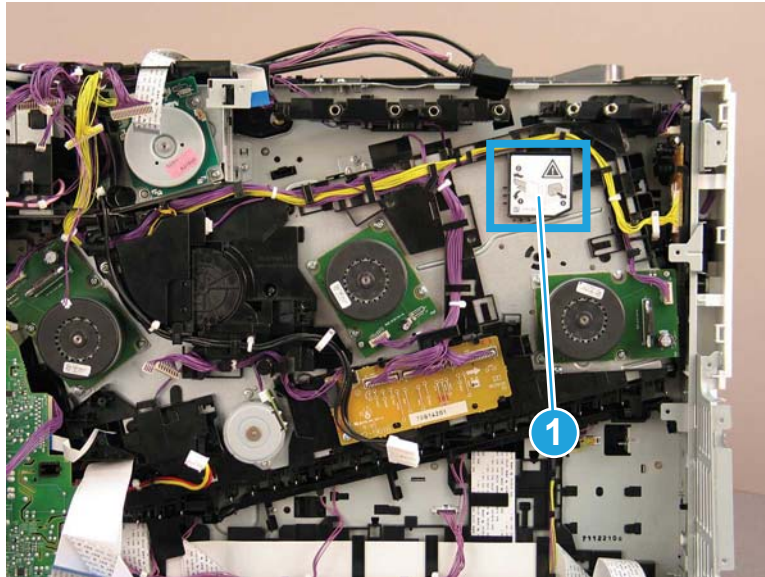
To prevent the front door from closing on its own, install one of the toner cartridges halfway.

Figure 1-1489 Open the front door



- b. Note the label (callout 1) on the main drive assembly indicating that the front door must be open and all toner cartridges and imaging drums removed before removing the main drive assembly.

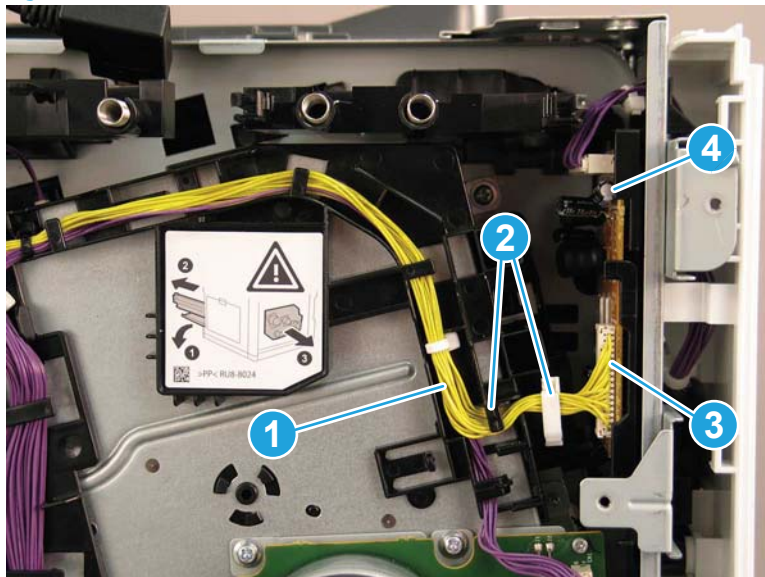
Figure 1-1490 Main drive assembly label



- c. Release the cable (callout 1) from the cable guide (callout 2), and then disconnect one connector (callout 3).

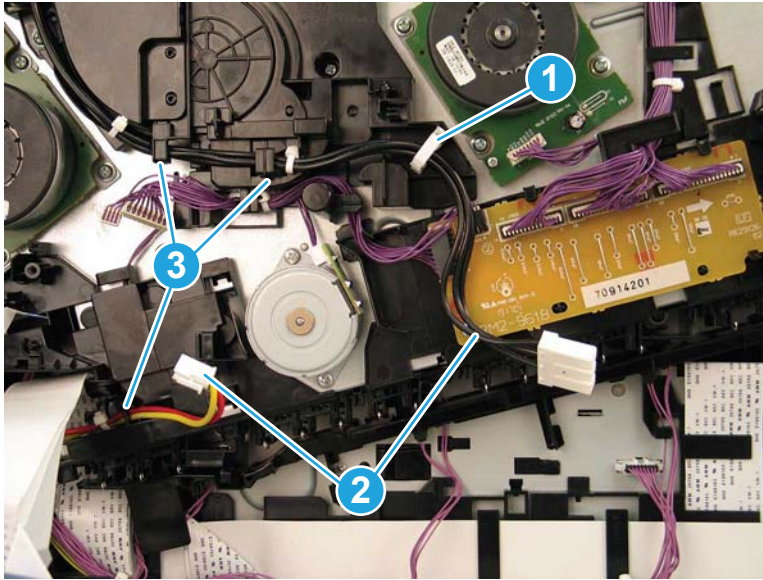
**⚠ CAUTION:** The capacitor on the PCA (callout 4) can rotate out and prevent the main drive assembly from reseating.

Figure 1-1491 Disconnect one connector



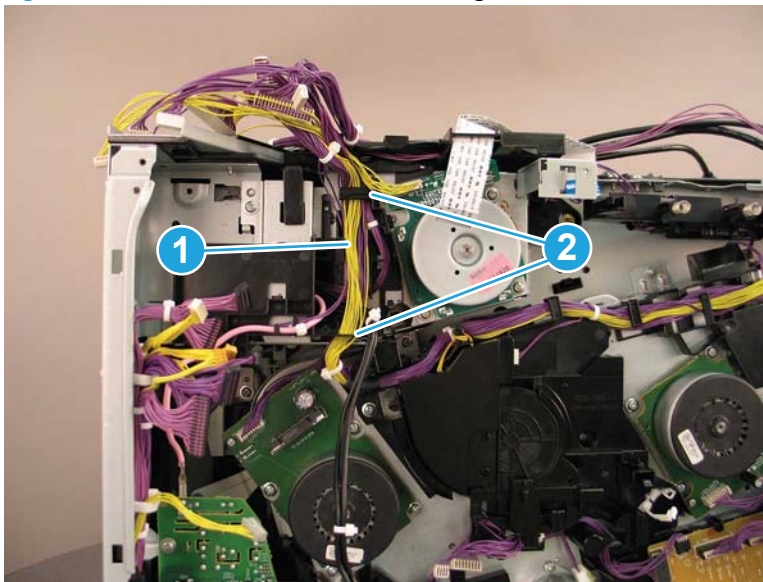
- d. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-1492 Release the cables from the guides



- e. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-1493 Release the cables from the guides





- f. Remove seven screws (callout 1), and then remove the main drive assembly.

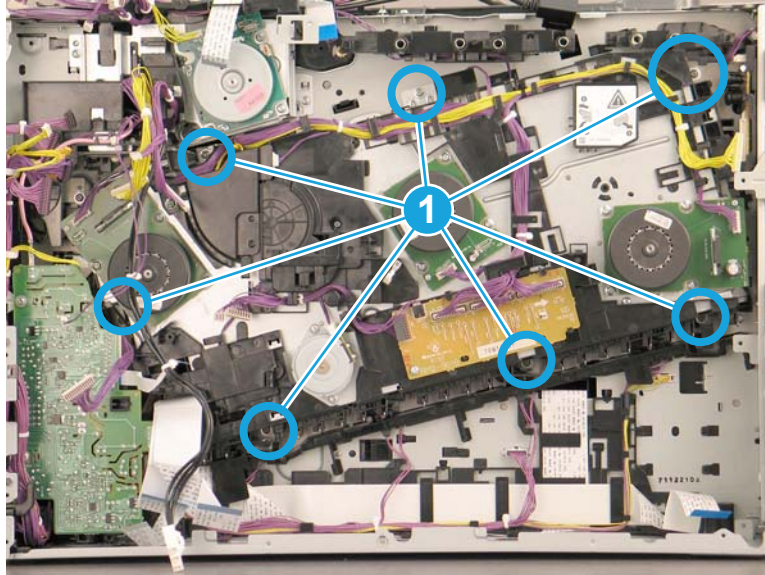
---

 **NOTE:** When reinstalling the main drive assembly, make sure that the front door is open.

Partially reinstall one toner cartridge to prevent the front door from closing.

---


**Figure 1-1494** Remove seven screws and the main drive assembly



- 20. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

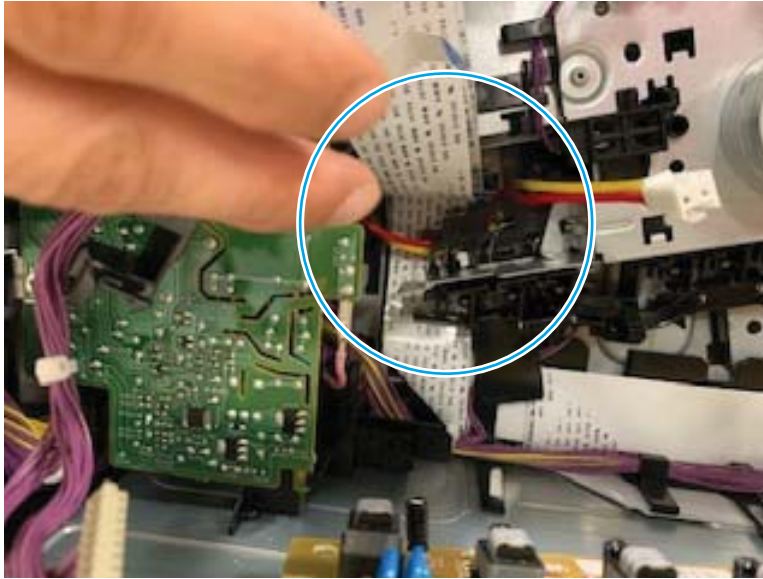
---

- 21. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the main drive assembly.

1. Route the red and yellow cables back into the main drive assembly guides prior to re-installation. This will prevent the cables from being pinched behind the main drive assembly.

Figure 1-1495 Main drive wire harness



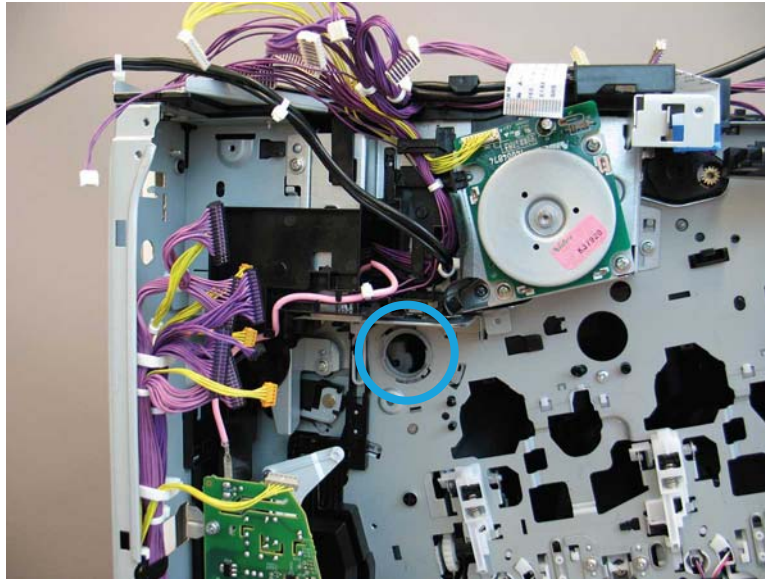
2. If the coupling estrangement cam falls off of the printer or is broken or lost in the process of removing the main drive assembly, follow these steps to reinstall it.

Figure 1-1496 Coupling estrangement cam



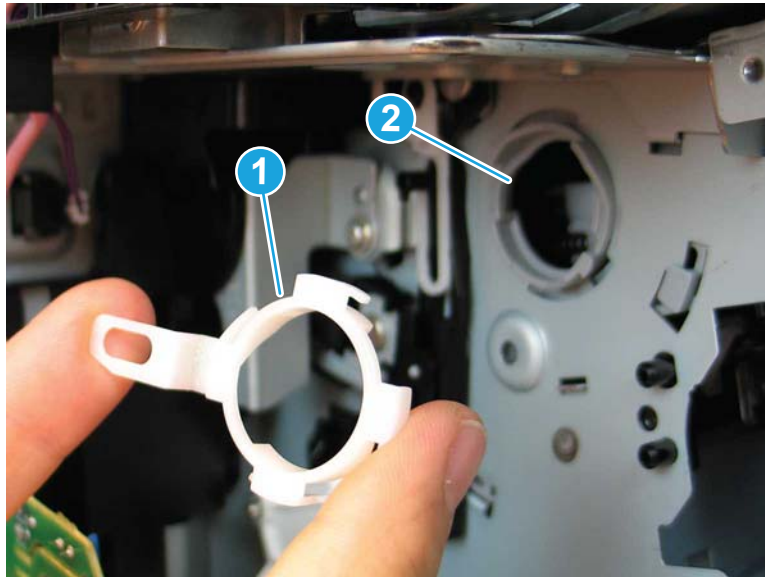
3. Note the location where the cam will be installed.

Figure 1-1497 Cam location



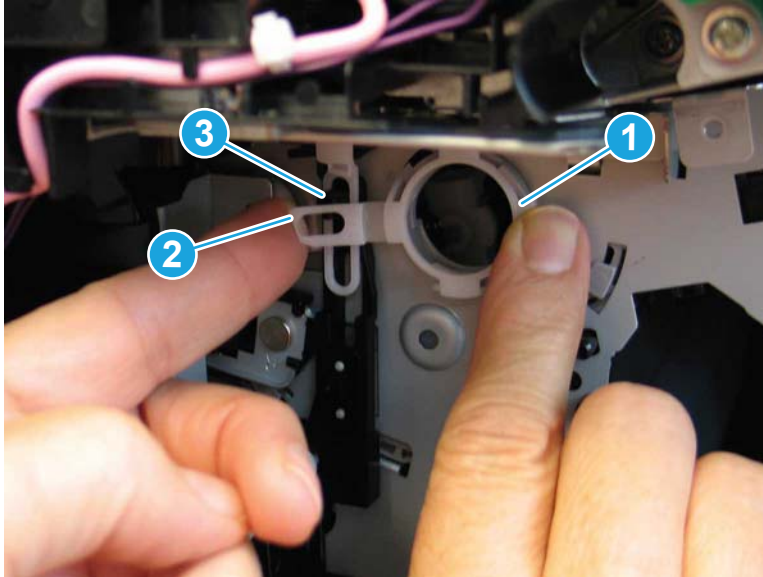
4. Position the cam (callout 1) over the gray ring (callout 2) on the printer. The tabs on the cam fit into openings on the gray ring.

Figure 1-1498 Position the cam



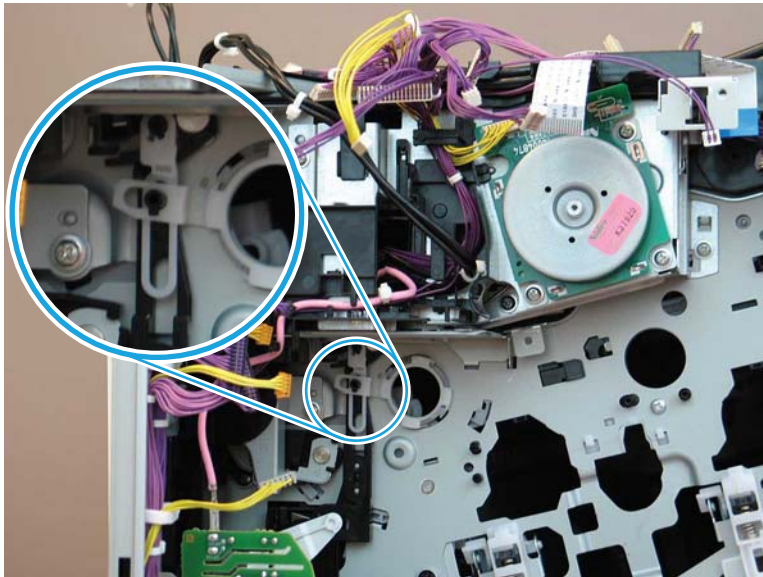
5. Hold the cam in position (callout 1), and then position the opening in the left side of the cam (callout 2) over the boss (callout 3) on the black link arm on the printer.

Figure 1-1499 Install the cam



6. When installed correctly, the cam engages with the black link arm on the printer.

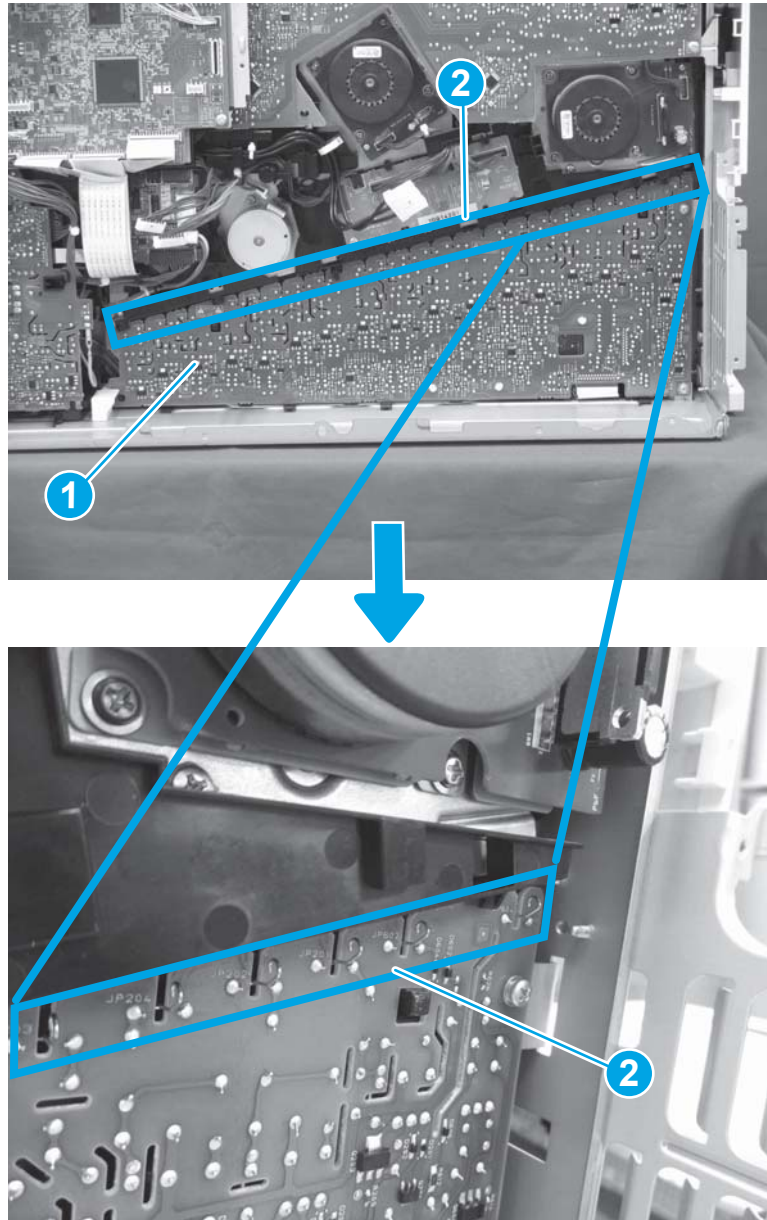
Figure 1-1500 Cam correctly installed



## Install the lower HVPS

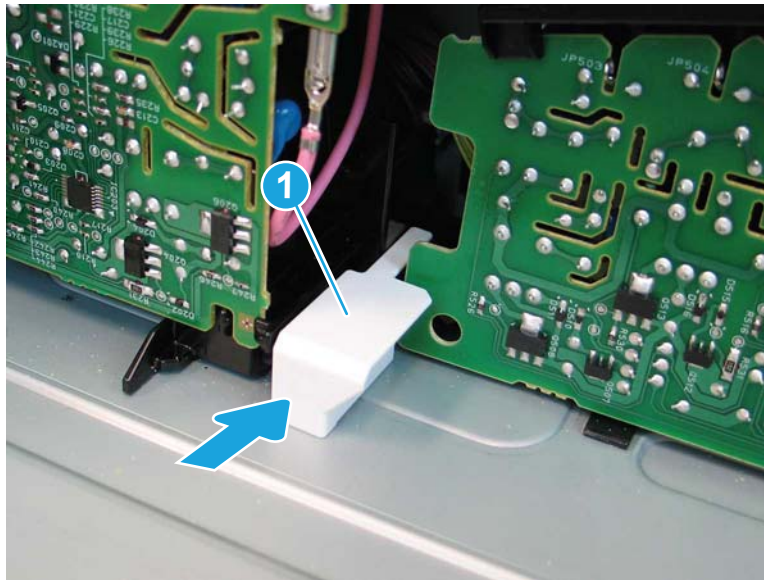
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-1501 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

Figure 1-1502 Install the stopper



### Removal and replacement: Main drive assembly (M856/E85055/M776)

Learn how to remove and replace the main drive assembly.

 [View a video of how to remove and replace the main drive assembly.](#)


Mean time to repair: 42 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-83 Part information

Part number	Part description
RM2-1614-000CN	Main drive assembly
RC5-1055-000CN	Cam, coupling estrangement (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-1503** Remove the toner cartridge



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-1504 Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

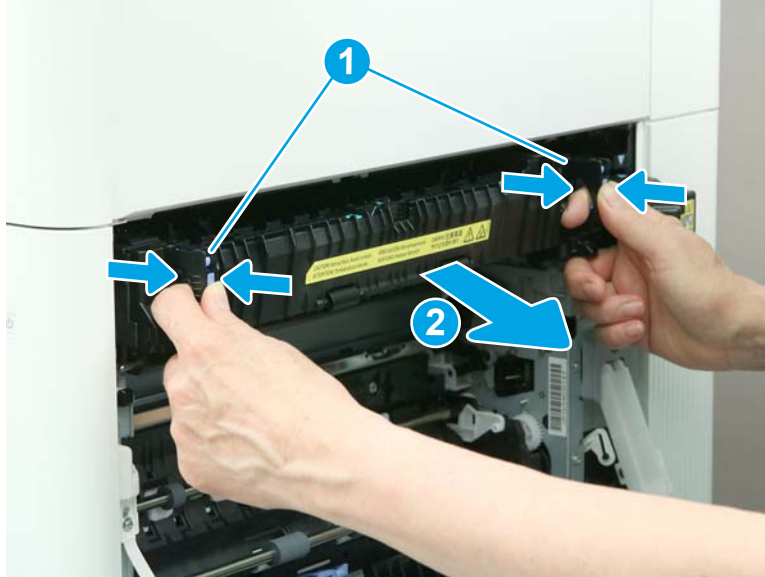
Figure 1-1505 Remove the imaging drum



3. Remove the fuser.
  - ▲ Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).



Figure 1-1506



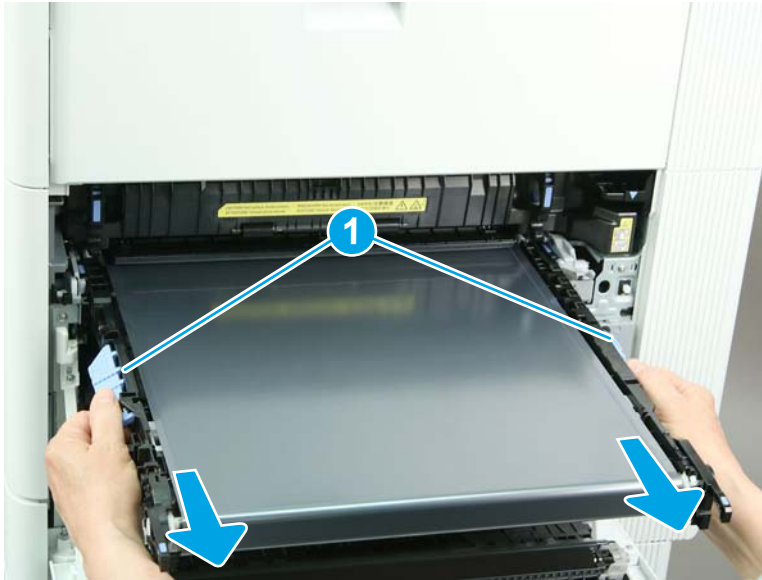
4. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-1507 Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

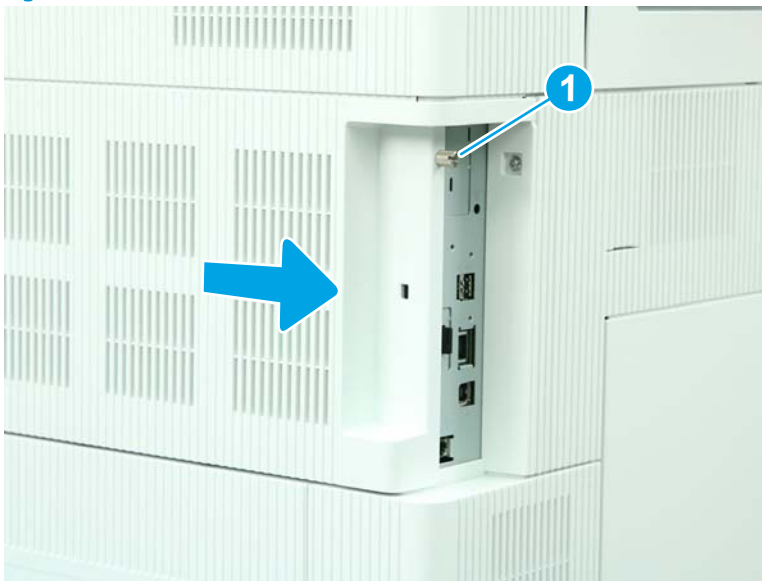
Figure 1-1508 Remove the ITB



5. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

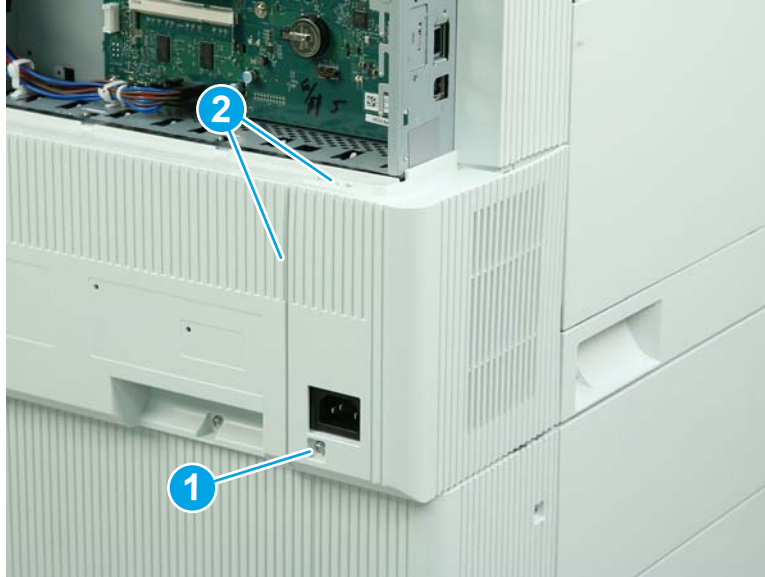
Figure 1-1509 Remove the formatter cover



6. Remove the left lower cover (M856/E85055/M776).

- a. Remove one screw (callout 1), and then release two tabs (callout 2).

**Figure 1-1510** Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

**Figure 1-1511** Remove the left lower cover



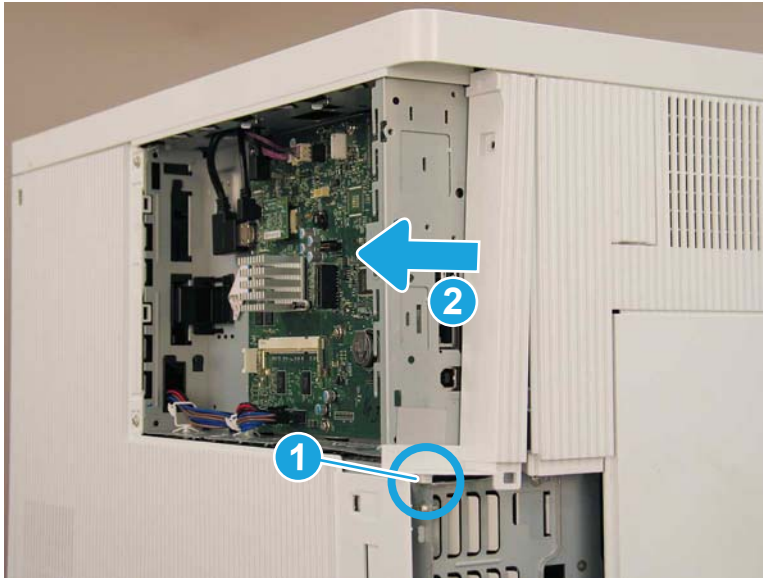
- 7. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1512 Remove one screw



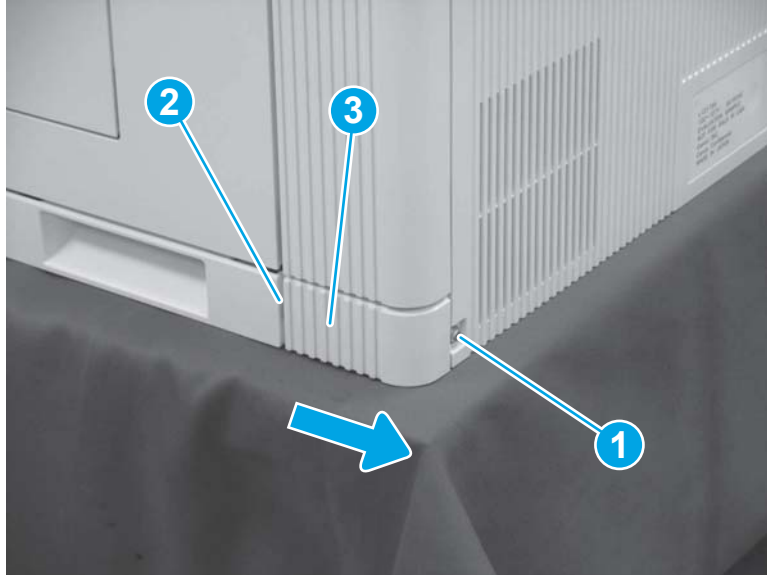
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-1513 Remove the left rear cover



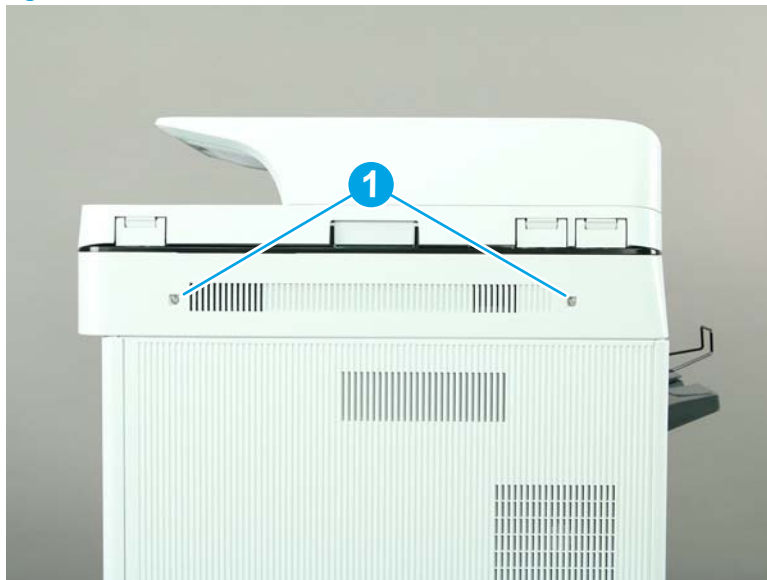
- 8. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1514 Remove the right rear lower cover



9. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1515 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1516** Remove the SCB cover

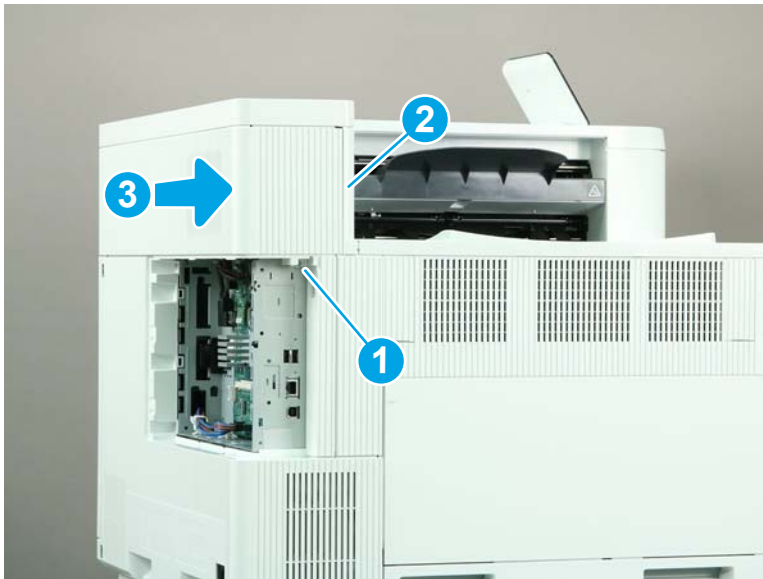


10. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

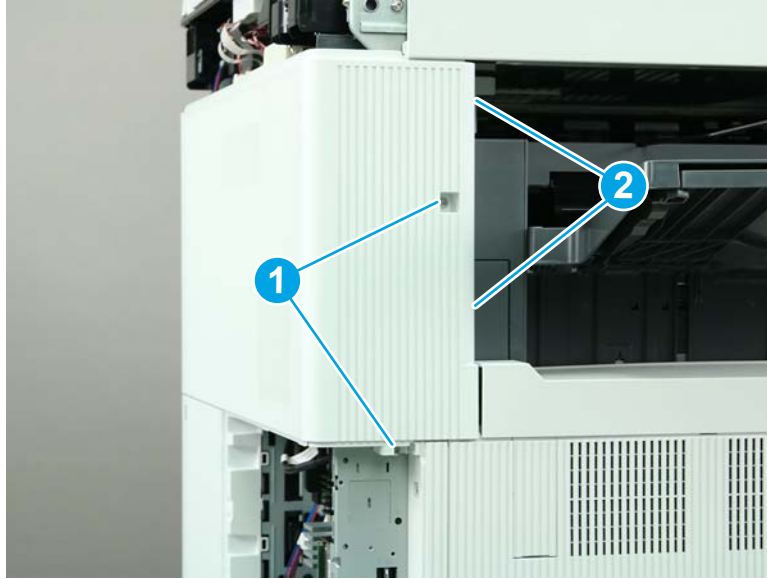
**Figure 1-1517** Remove the rear upper cover



11. Remove the rear upper cover and left rear upper cover (M776zs).

- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1518 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

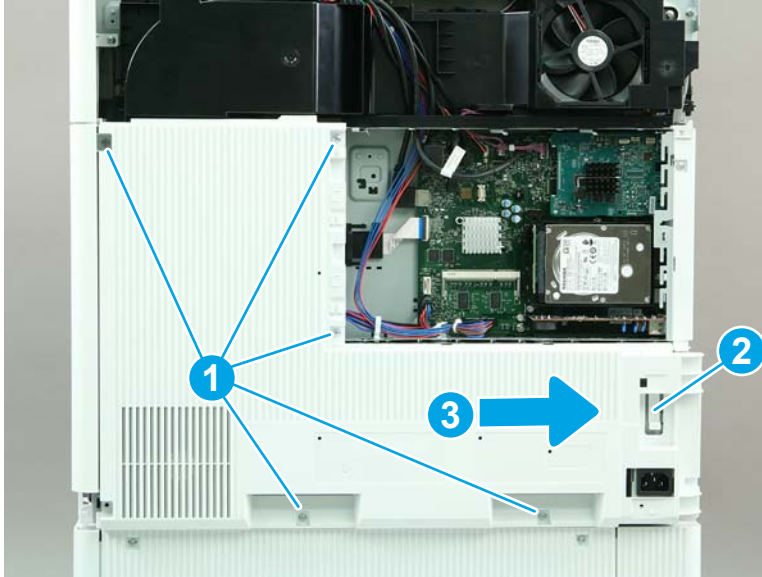
Figure 1-1519 Remove the rear upper and left rear upper cover



- 12. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1520 Remove the rear cover (M856/E85055/M776)

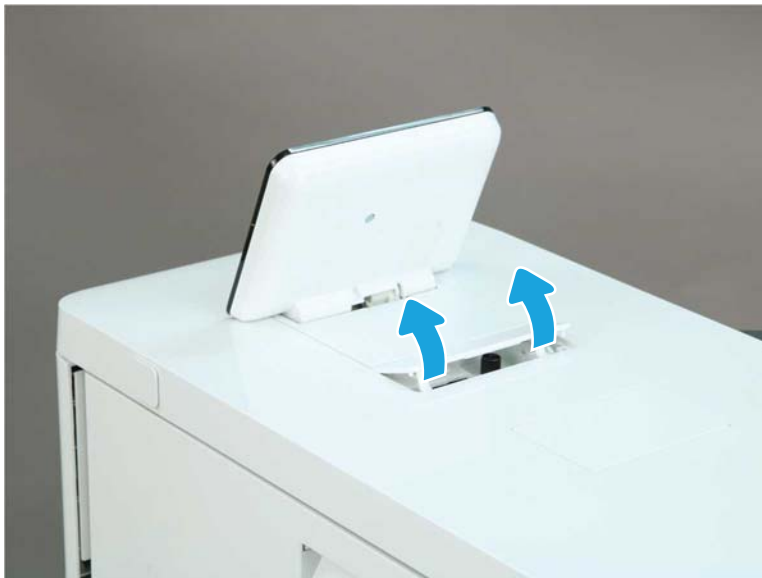


13. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1521 Remove the control panel cover





- b. Remove one screw (callout 1).

Figure 1-1522 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1523 Slide the control panel back



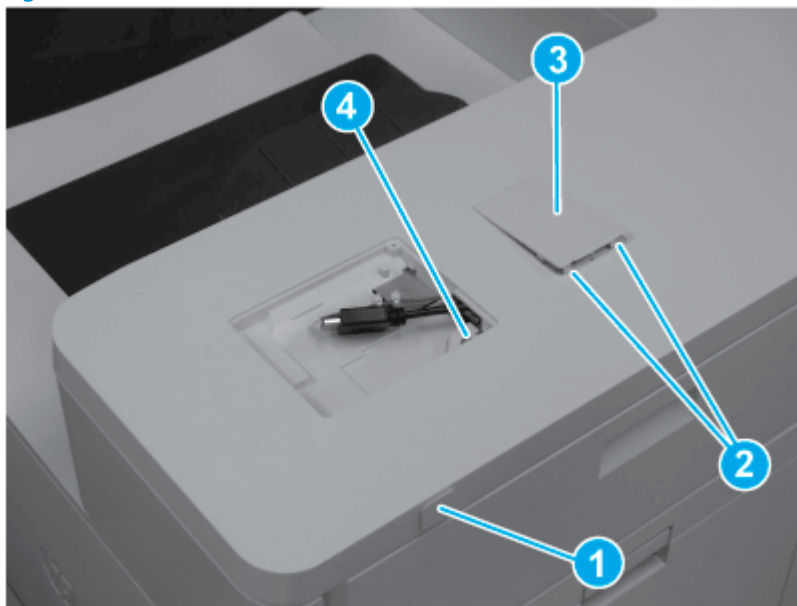
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-1524 Disconnect two connectors



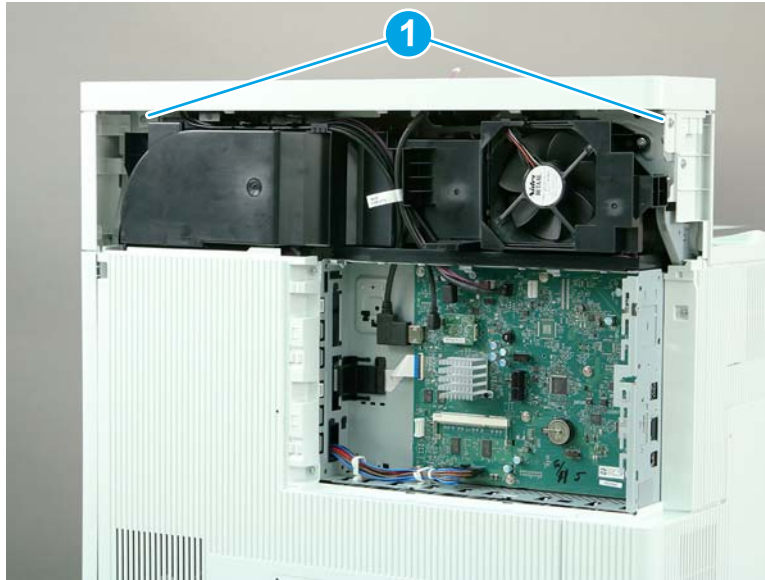
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-1525 Remove covers and one screw



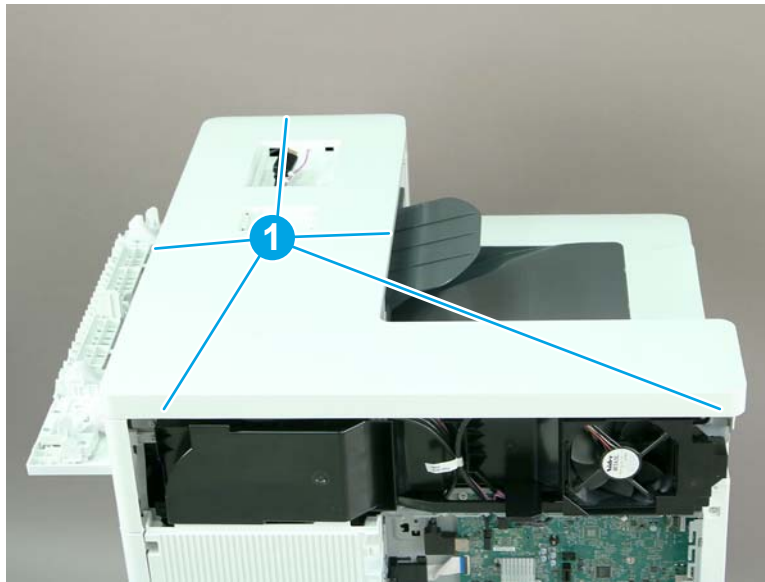
- f. Remove two screws (callout 1).

Figure 1-1526 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

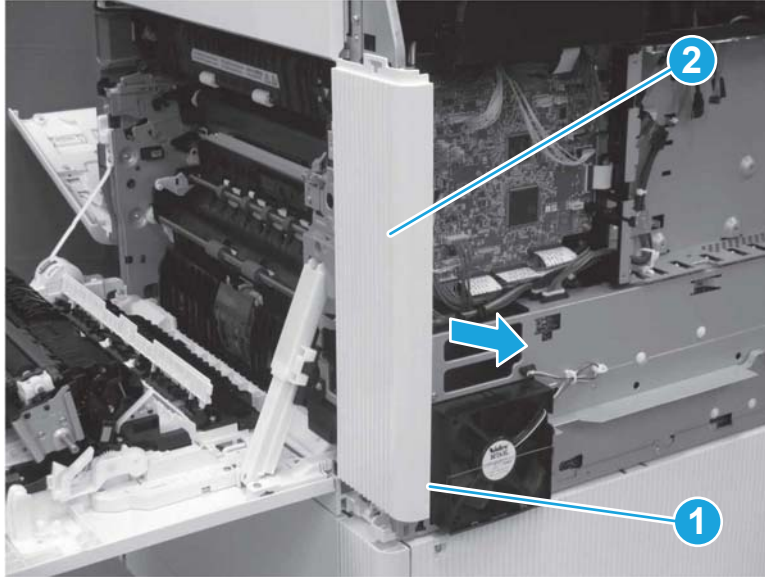
Figure 1-1527 Release five tabs



- 14. Remove the right rear cover (M856/E85055/M776).

- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

Figure 1-1528 Remove right rear cover



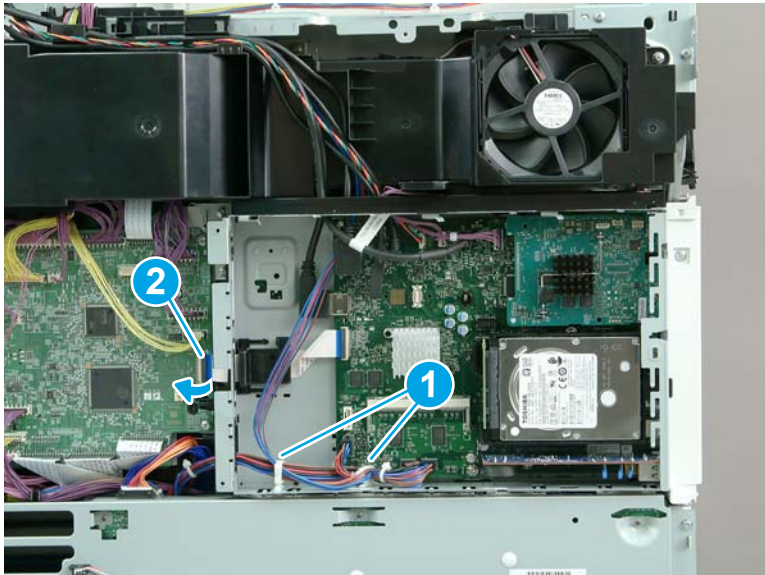
15. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

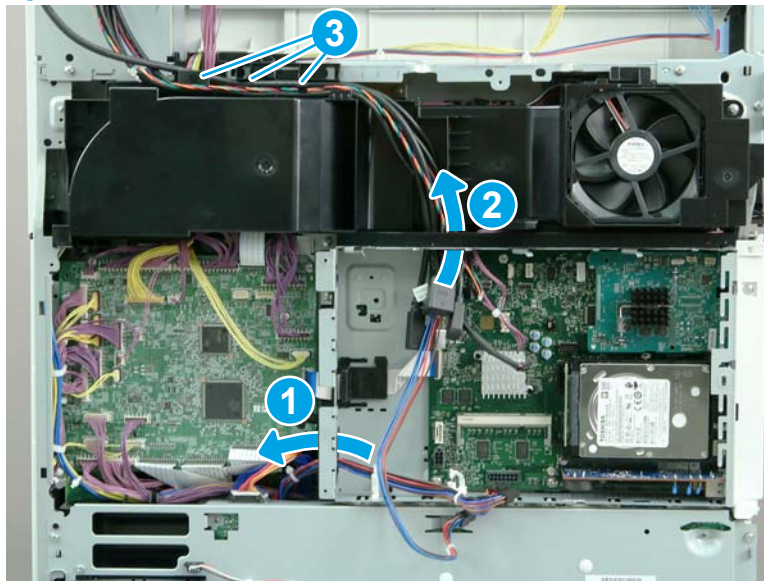
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

Figure 1-1529 Disconnect the connectors



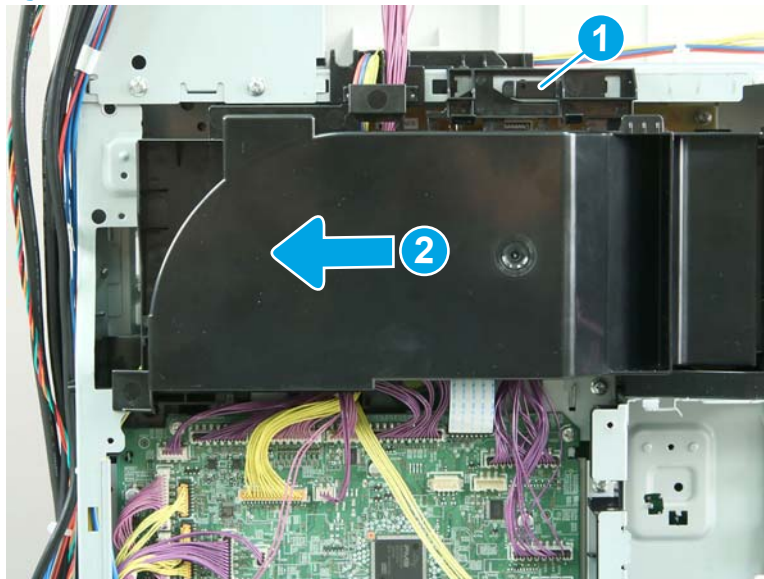
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-1530 Release the cables



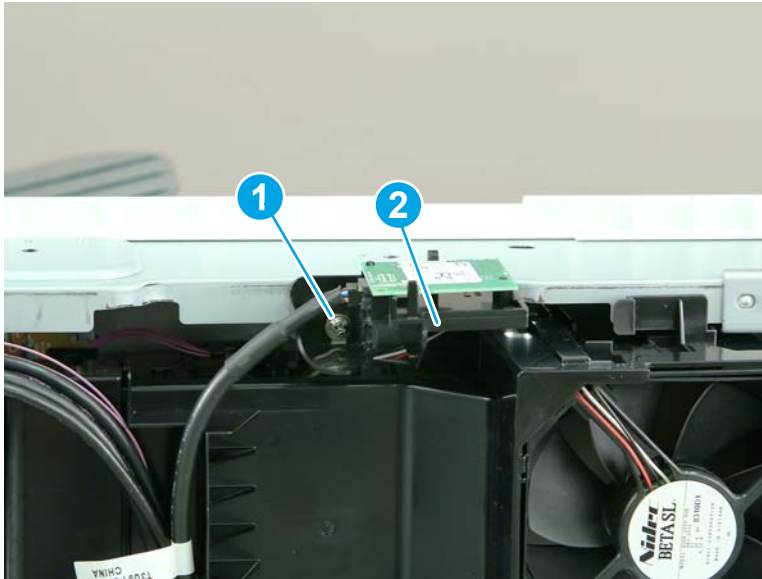
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1531 Remove the fan duct



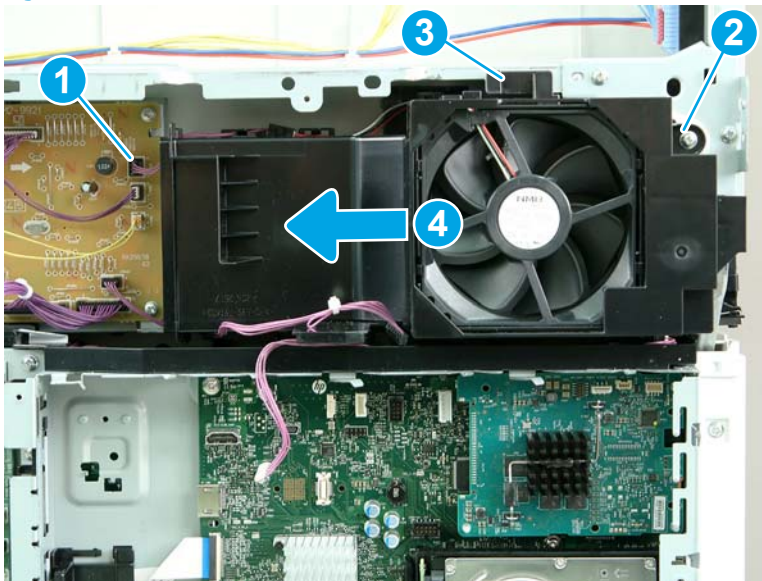
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-1532 Remove the wireless card and bracket



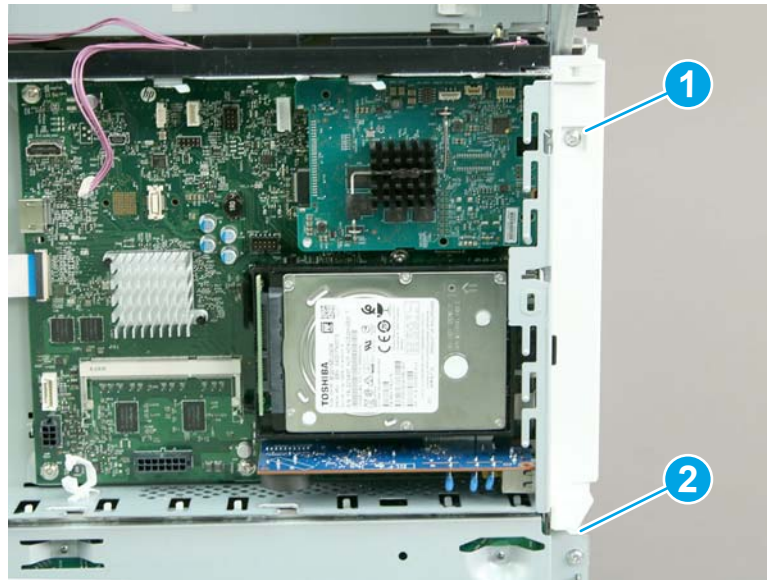
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-1533 Remove the fan assembly



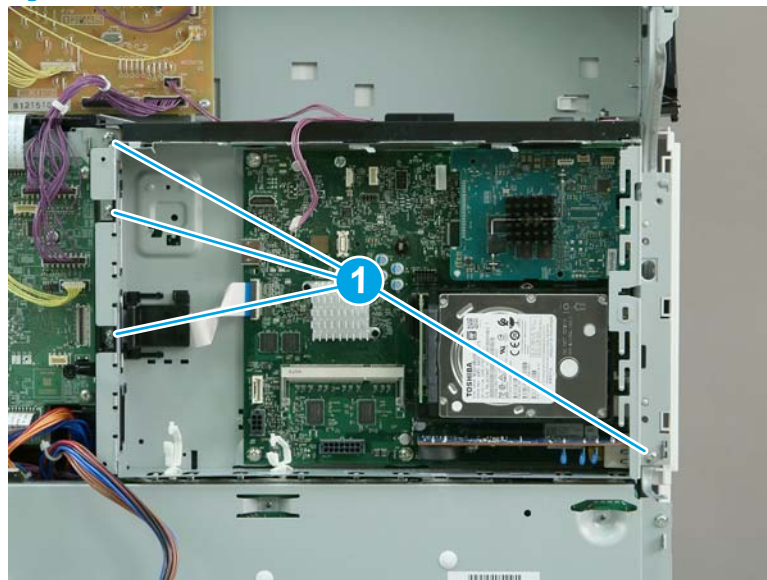
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-1534 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-1535 Remove four screws



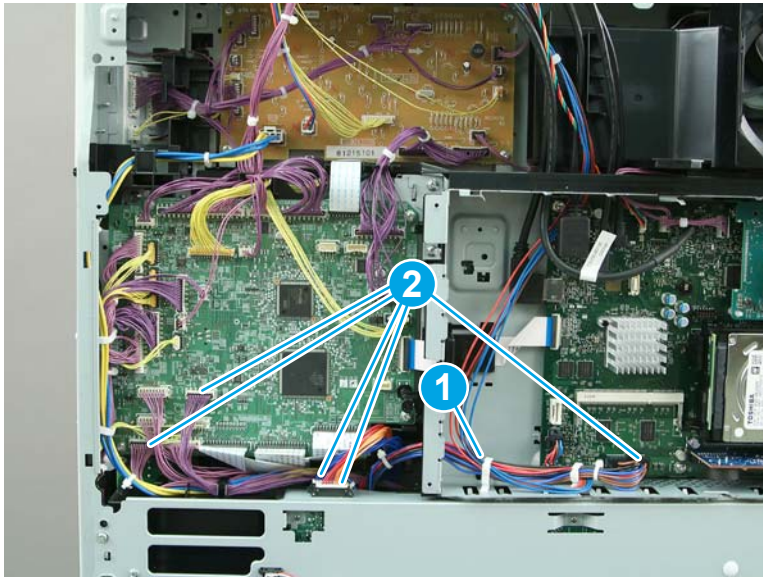
- h. Remove the formatter and case.

Figure 1-1536 Remove the formatter and case



- 16. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

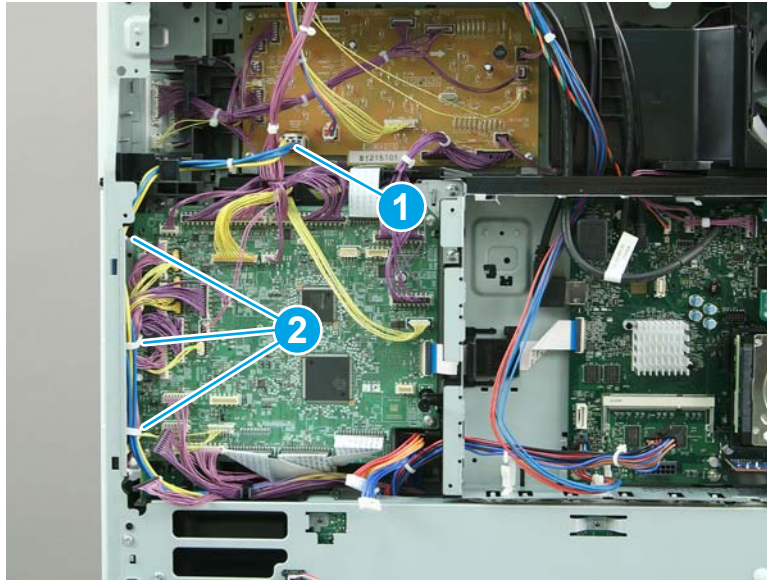
Figure 1-1537 Release the retainer and disconnect five connectors





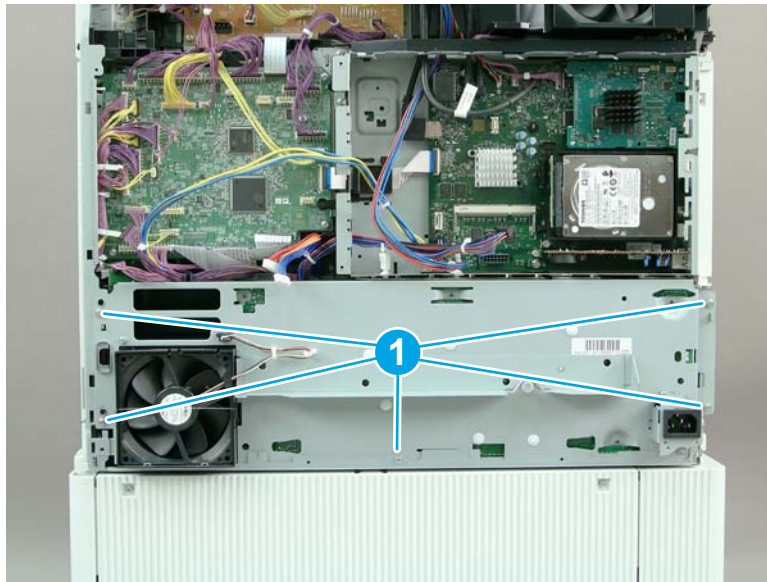
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-1538 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-1539 Remove five screws

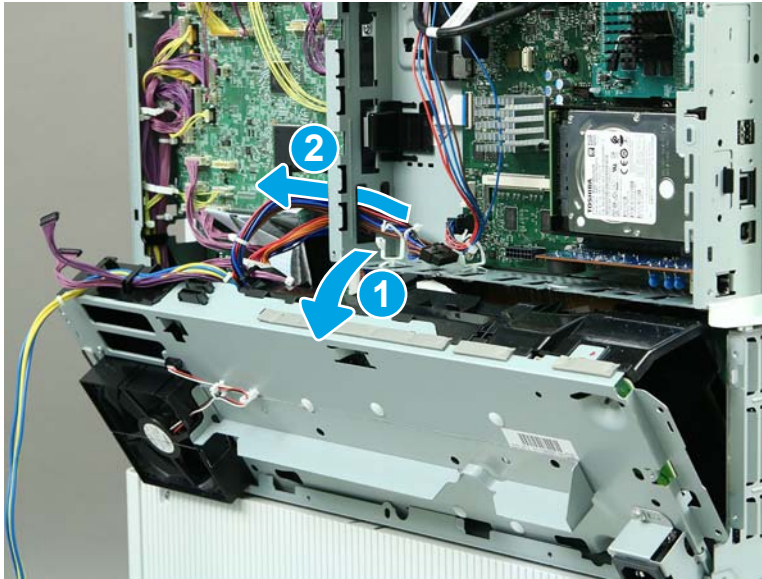


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

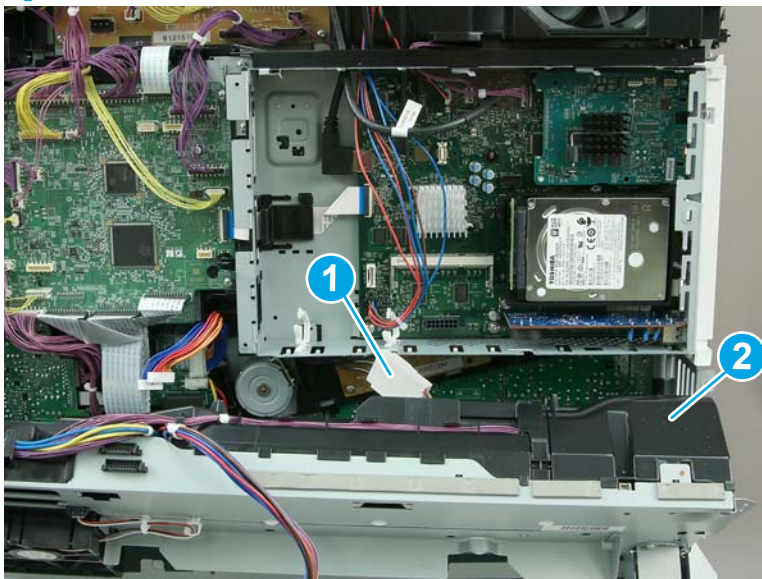
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

**Figure 1-1540** Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

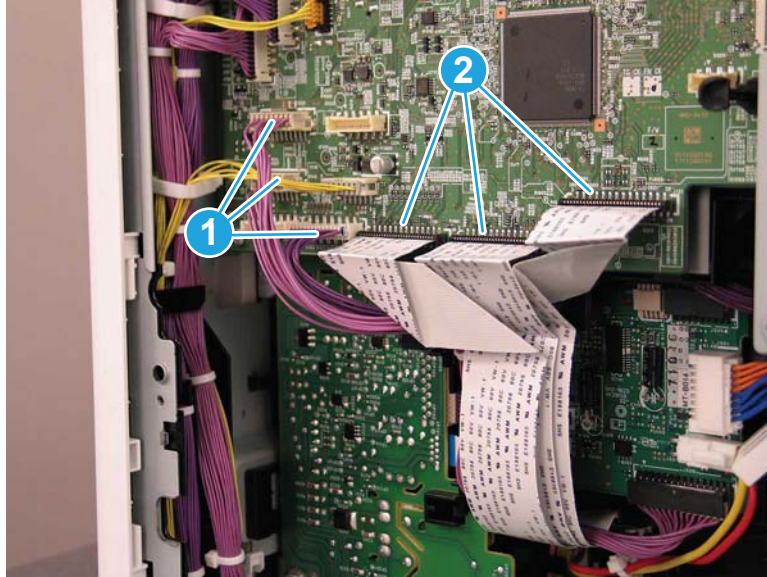
**Figure 1-1541** Remove the LVPS



**17.** Remove the T2 connecting PCA.

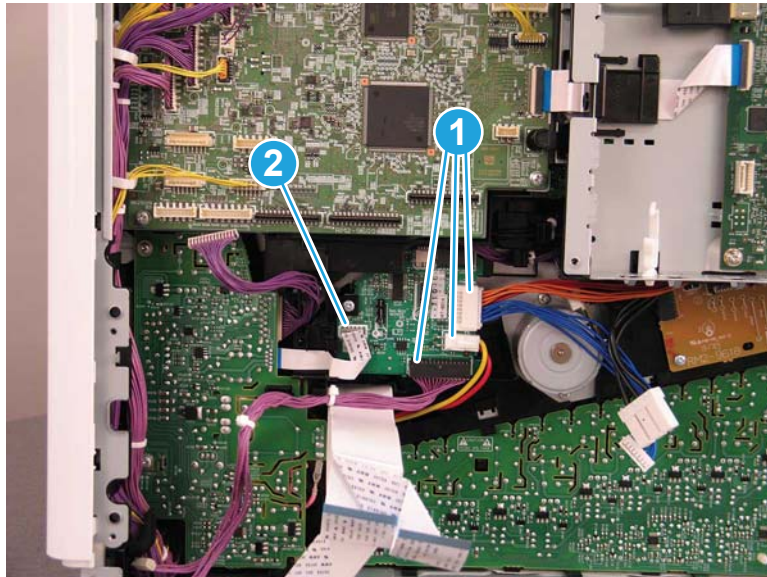
- a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

Figure 1-1542 Disconnect six connectors



- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-1543 Disconnect three connectors and one flat cable



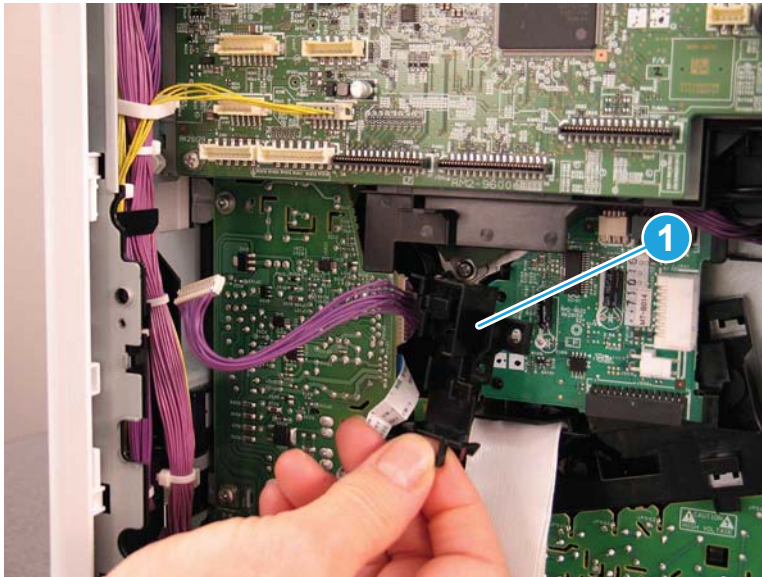
- c. Remove one screw (callout 1).

Figure 1-1544 Remove one screw



- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

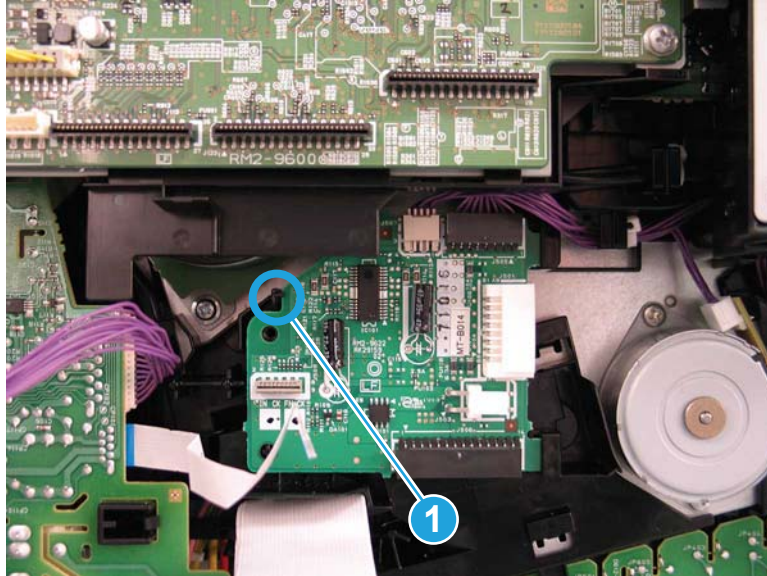
Figure 1-1545 Remove the cable guide



- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

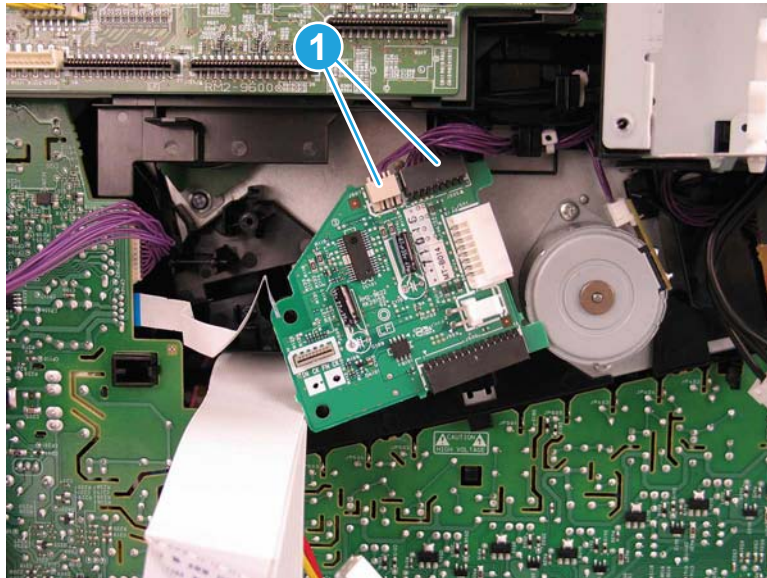
**CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

Figure 1-1546 Release one tab



- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

Figure 1-1547 Disconnect two connectors and remove the PCA



- 18. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).

- a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-1548 Disconnect one connector and remove one screw



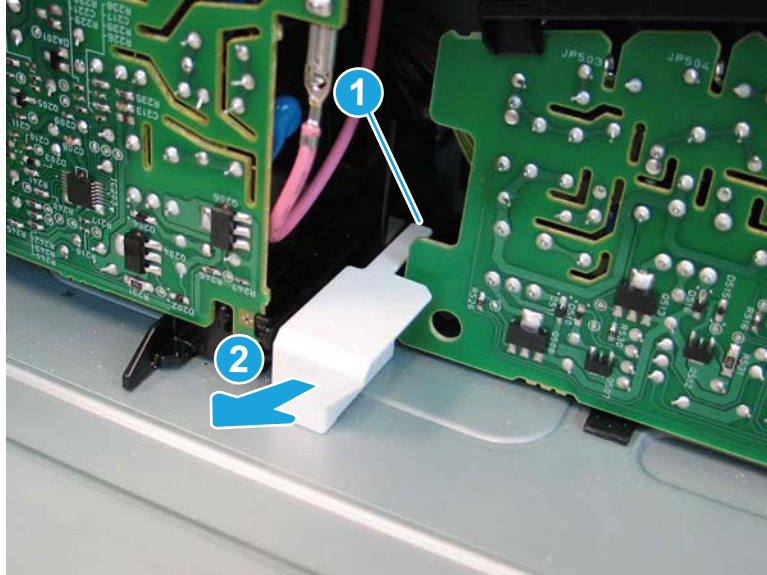
- b. Release six tabs (callout 1), and then remove the upper HVPS.

Figure 1-1549 Release six tabs



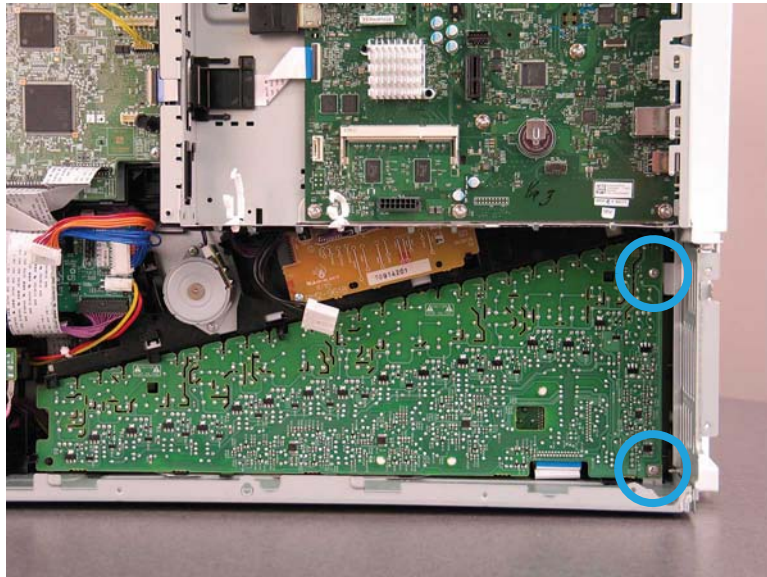
- 19. Remove the lower high-voltage power supply (lower HVPS).
  - a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-1550 Remove the stopper



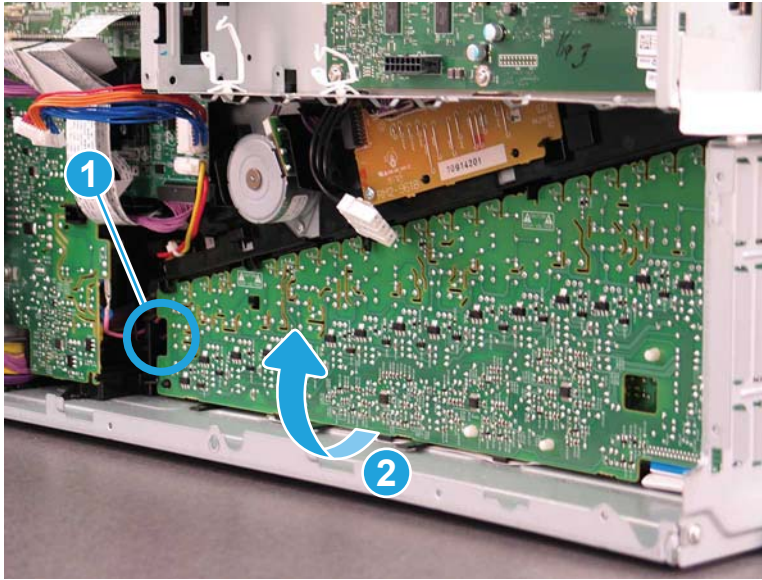
- b. Remove two screws (callout 1).

Figure 1-1551 Remove two screws



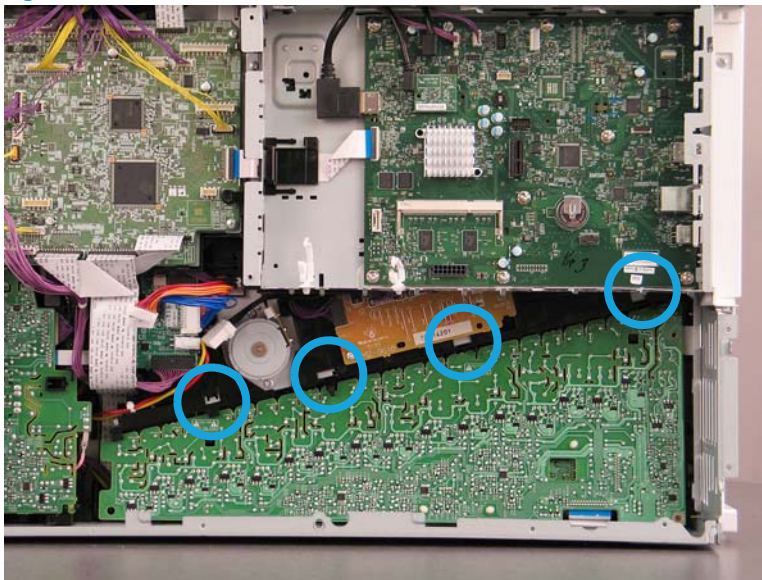
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-1552 Release the lower edge of the lower HVPS



- d. Release the lower HVPS from four tabs.

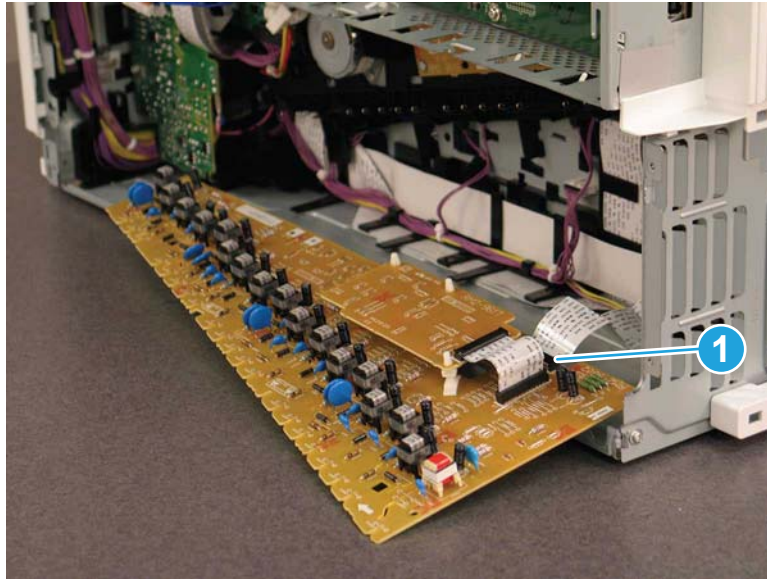
Figure 1-1553 Release four tabs





- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

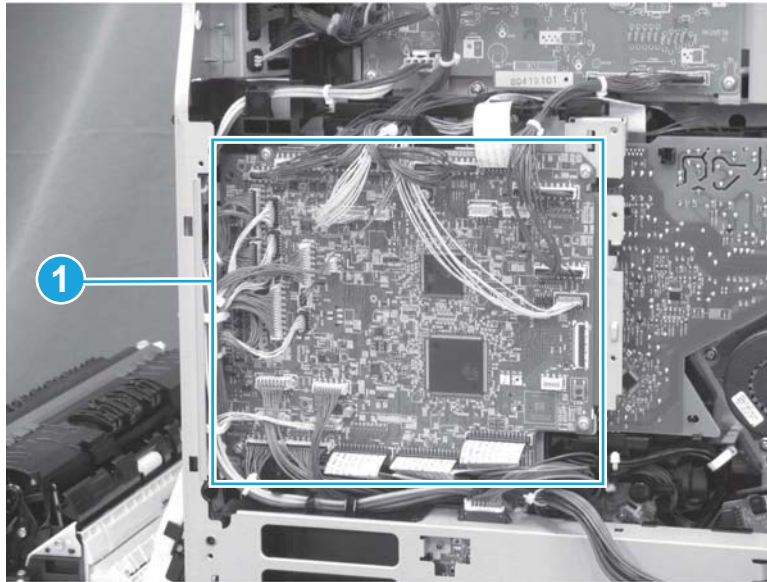
Figure 1-1554 Disconnect one flat cable



- 20. Remove the DC controller and case (M856/E85055/M776).

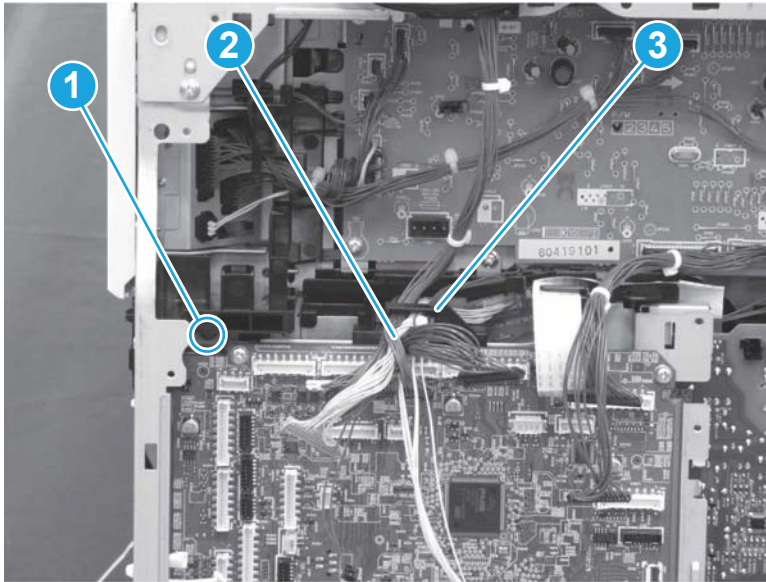
- a. Disconnect all of the connectors on the DC controller.

Figure 1-1555 Disconnect the connectors



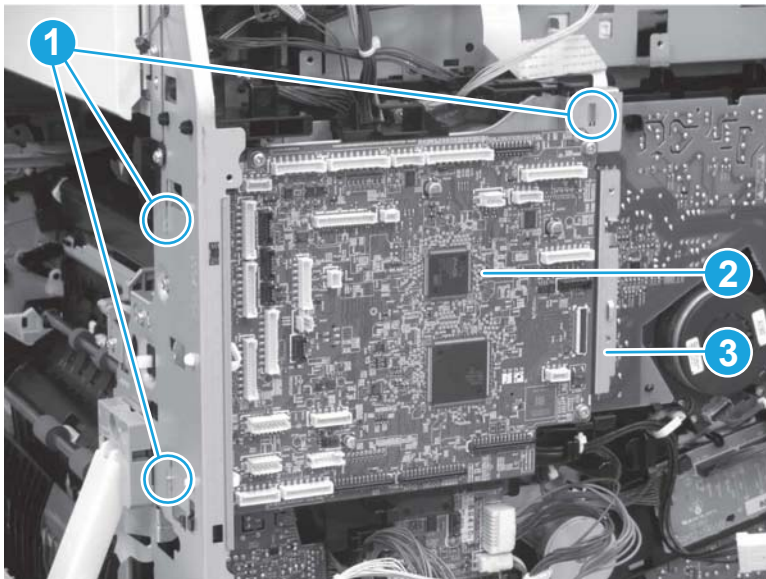
- b. Remove one screw (callout 1), and then release the cables (callout 2) from the cable guide (callout 3).

Figure 1-1556 Remove one screw and release the cables




- c. Remove one screw (callout 1), and then remove the DC controller (callout 2) together with the metal case (callout 3).

Figure 1-1557 Remove the DC controller and case



- 21. Remove the main drive assembly.

- a. Open the front door.

 **IMPORTANT:** The front door must remain open during removal and installation of the main drive assembly to prevent issues.

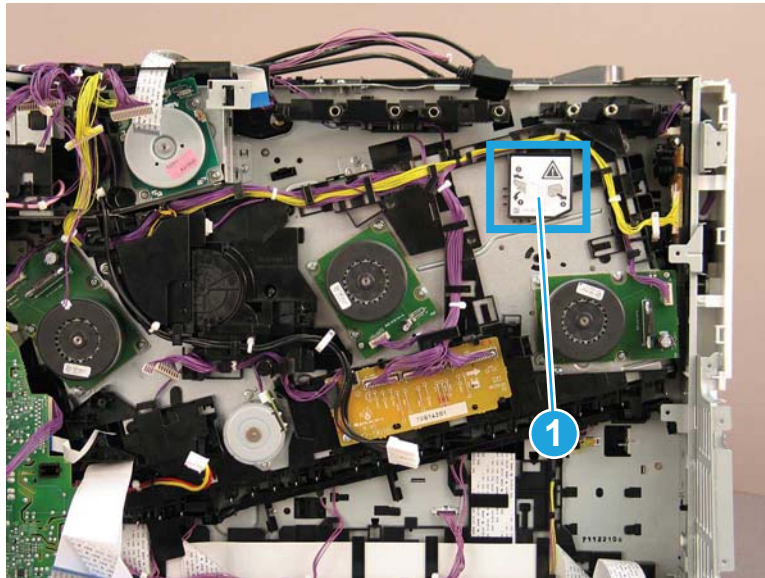
To prevent the front door from closing on its own, install one of the toner cartridges halfway.

Figure 1-1558 Open the front door



- b. Note the label (callout 1) on the main drive assembly indicating that the front door must be open and all toner cartridges and imaging drums removed before removing the main drive assembly.

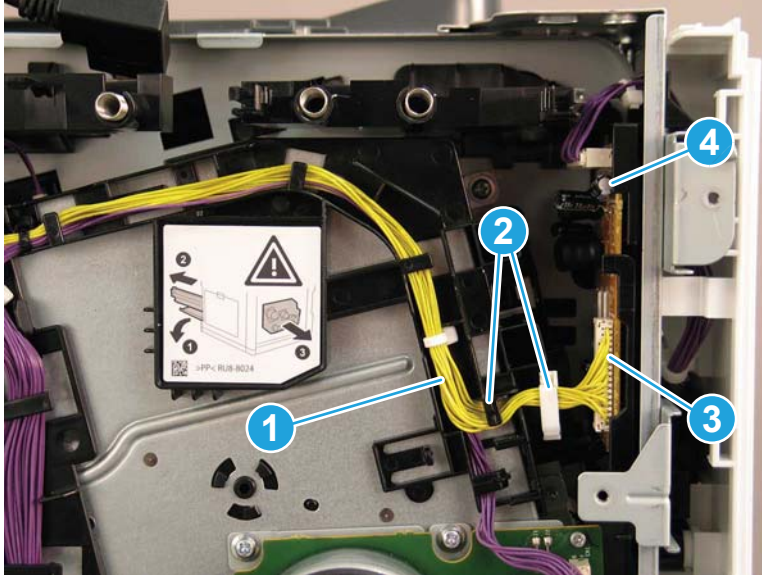
Figure 1-1559 Main drive assembly label



- c. Release the cable (callout 1) from the cable guide (callout 2), and then disconnect one connector (callout 3).

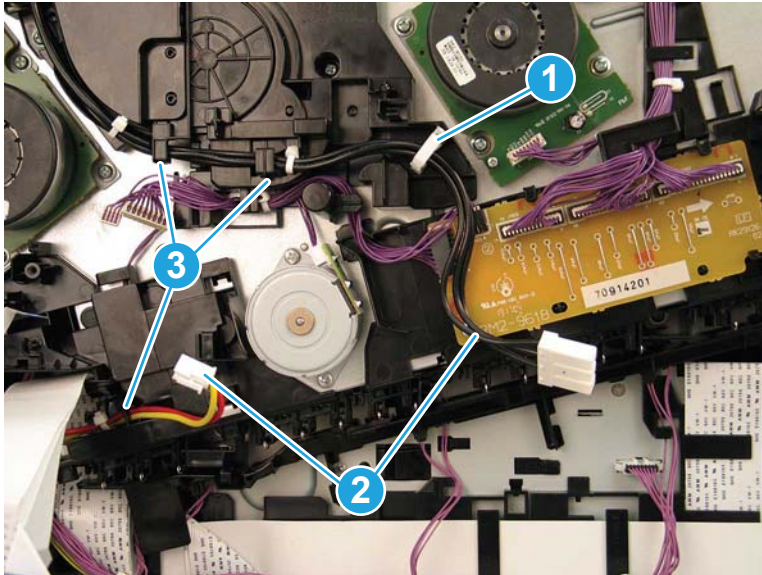
**CAUTION:** The capacitor on the PCA (callout 4) can rotate out and prevent the main drive assembly from reseating.

Figure 1-1560 Disconnect one connector



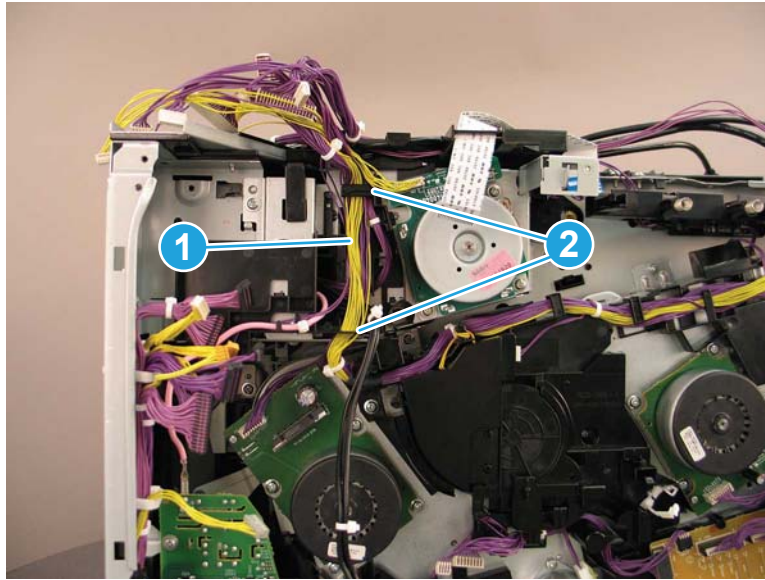
- d. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-1561 Release the cables from the guides



- e. Release the cables (callout 1) from the cable guides (callout 2).

**Figure 1-1562** Release the cables from the guides

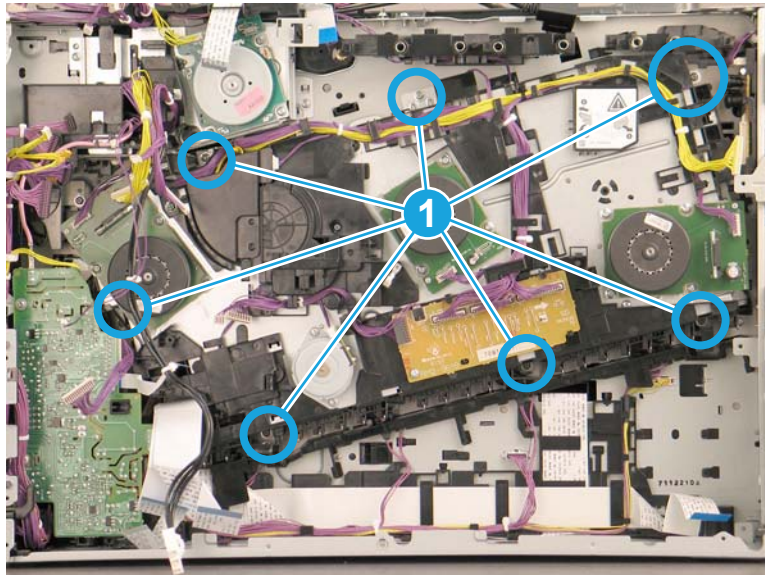


- f. Remove seven screws (callout 1), and then remove the main drive assembly.

 **NOTE:** When reinstalling the main drive assembly, make sure that the front door is open.

Partially reinstall one toner cartridge to prevent the front door from closing.


**Figure 1-1563** Remove seven screws and the main drive assembly



- 22. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

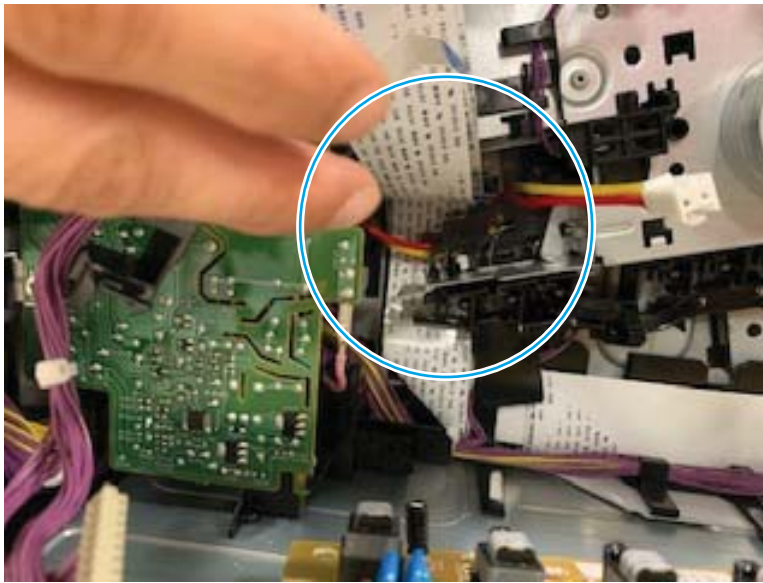
---

23. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the main drive assembly.

1. Route the red and yellow cables back into the main drive assembly guides prior to re-installation. This will prevent the cables from being pinched behind the main drive assembly.

**Figure 1-1564** Main drive wire harness



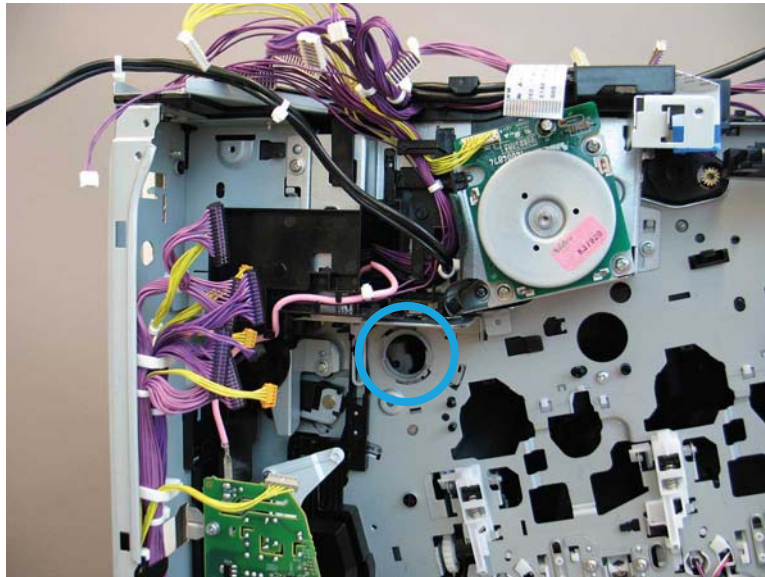
2. If the coupling estrangement cam falls off of the printer or is broken or lost in the process of removing the main drive assembly, follow these steps to reinstall it.

**Figure 1-1565** Coupling estrangement cam



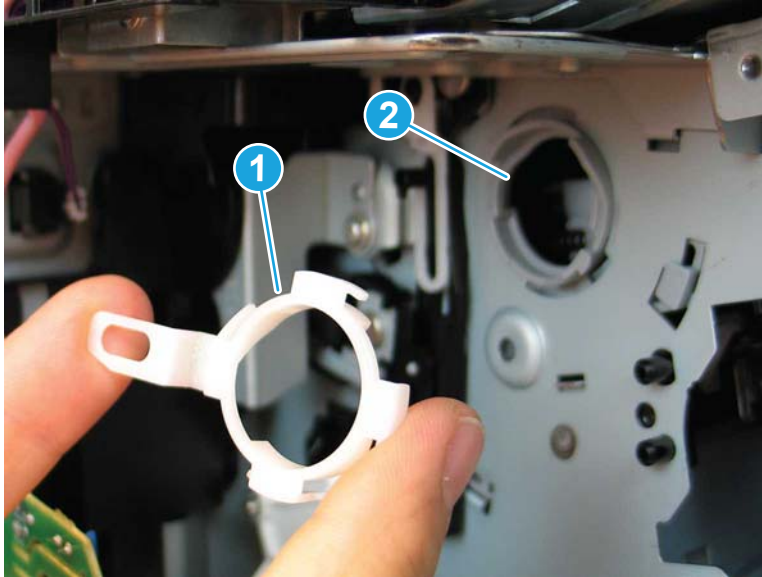
3. Note the location where the cam will be installed.

**Figure 1-1566** Cam location



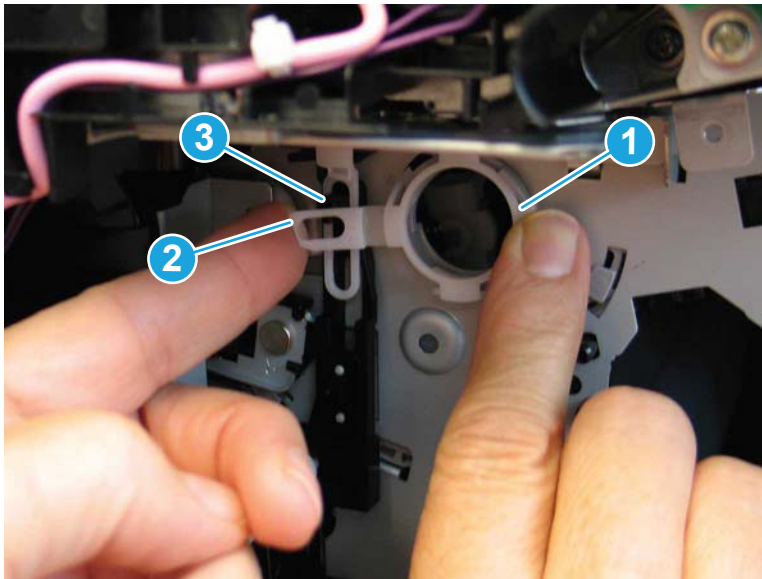
4. Position the cam (callout 1) over the gray ring (callout 2) on the printer. The tabs on the cam fit into openings on the gray ring.

Figure 1-1567 Position the cam



5. Hold the cam in position (callout 1), and then position the opening in the left side of the cam (callout 2) over the boss (callout 3) on the black link arm on the printer.

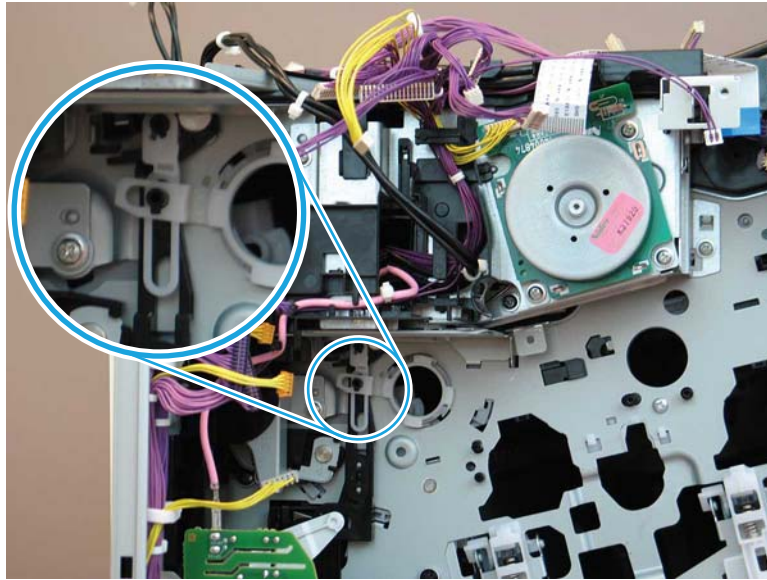
Figure 1-1568 Install the cam





6. When installed correctly, the cam engages with the black link arm on the printer.

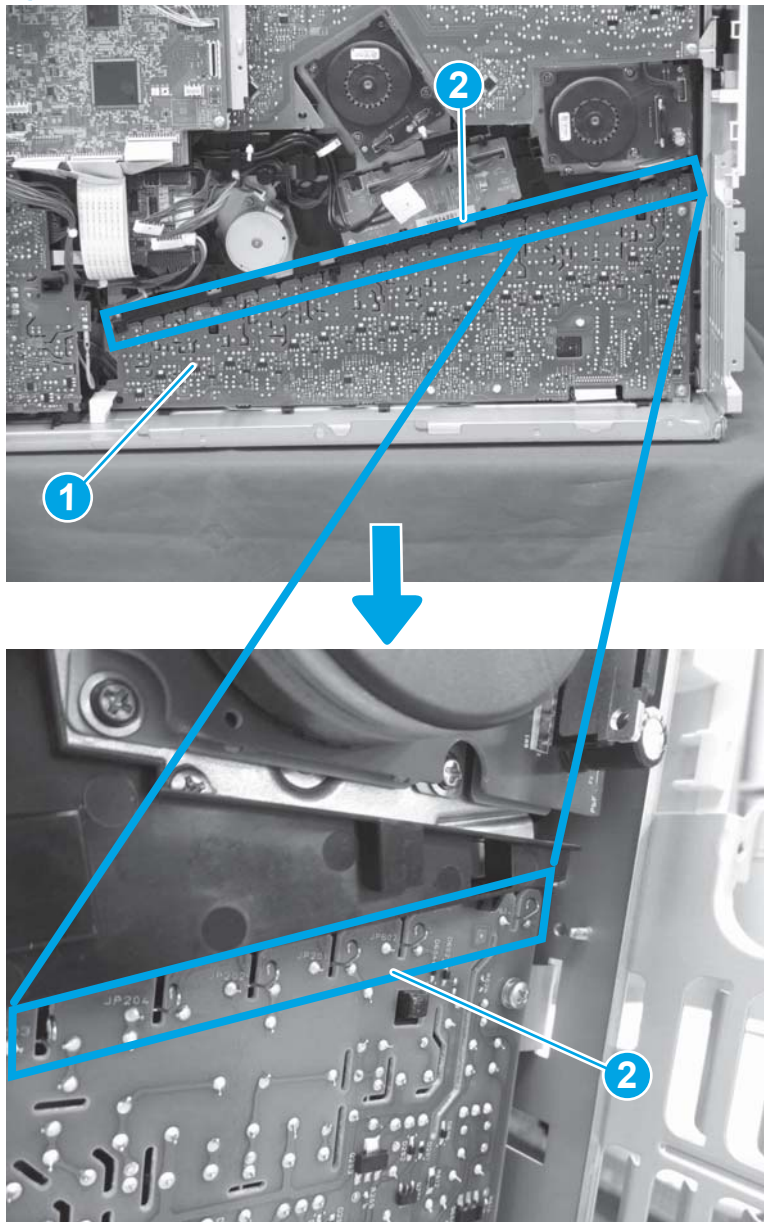
Figure 1-1569 Cam correctly installed



## Install the lower HVPS

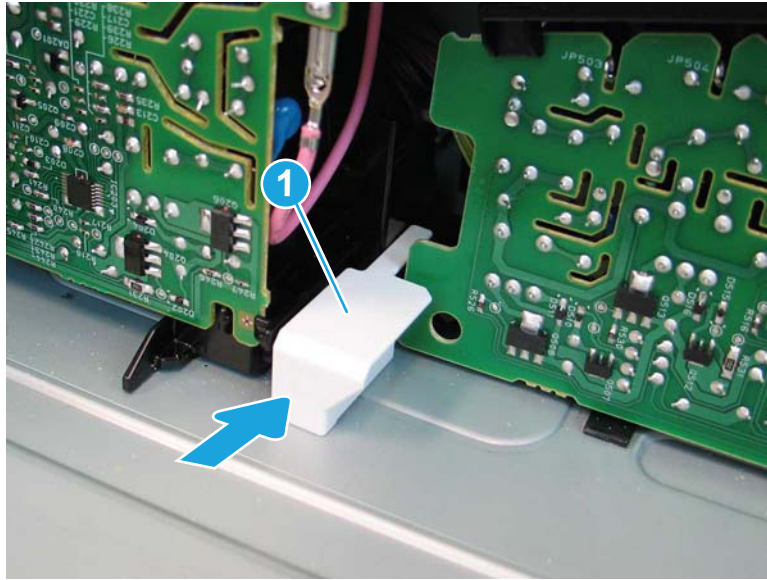
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-1570 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

**Figure 1-1571** Install the stopper



### Removal and replacement: Lifter drive assembly (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the lifter drive assembly.

 [View a video of how to remove and replace the lifter drive assembly.](#)


Mean time to repair: 32 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-84** Part information

Part number	Part description
RM2-1604-000CN	Lifter drive assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

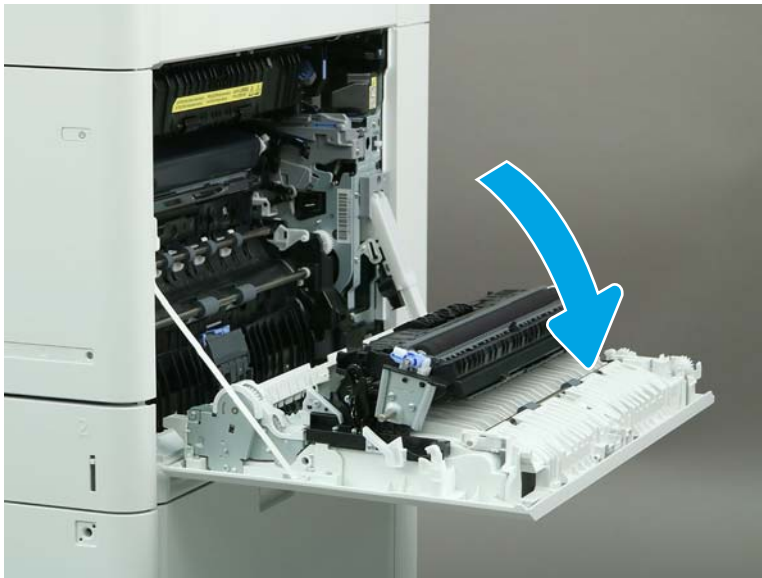
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

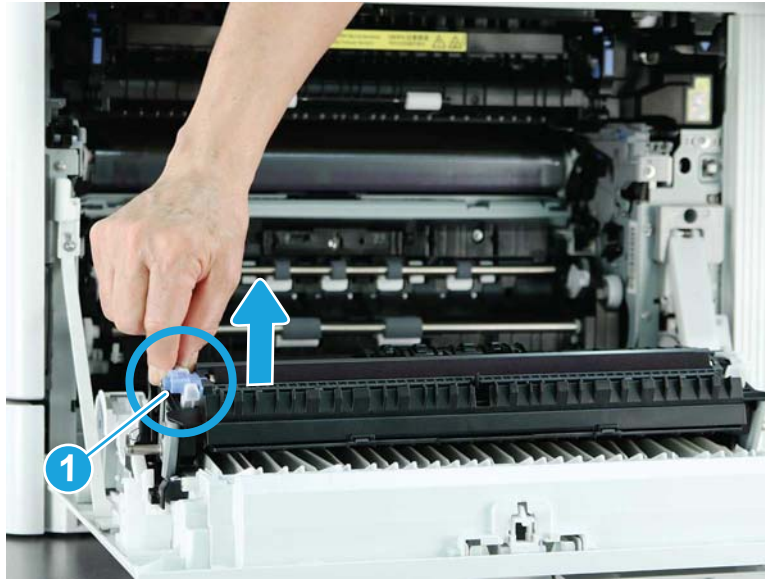
1. Remove the secondary transfer roller.
  - a. Open the right door.

**Figure 1-1572** Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

**Figure 1-1573** Release the transfer roller



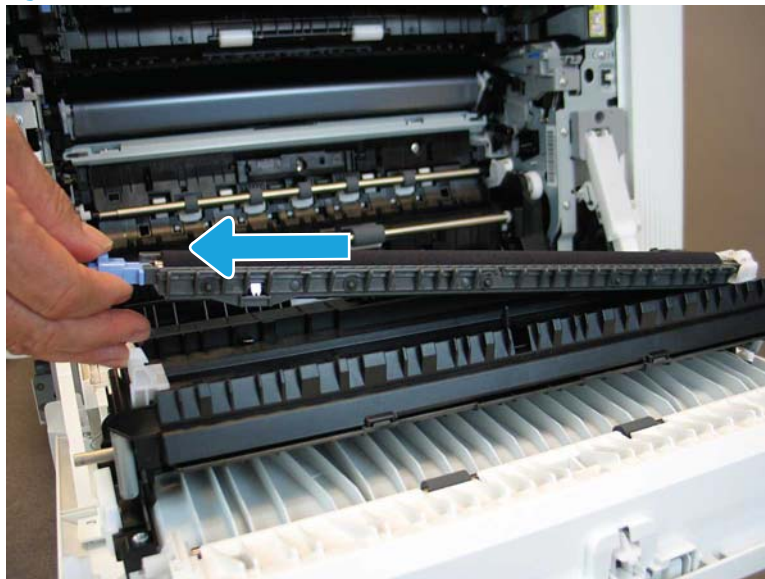
- c. Slide the transfer roller to the left to remove it.

---

**⚠ CAUTION:** Do not touch the surface of the secondary transfer roller.

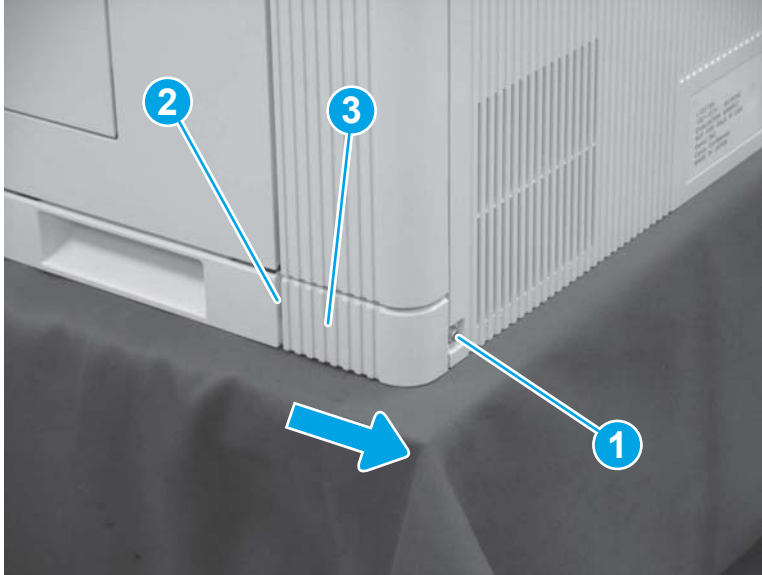
---

**Figure 1-1574** Remove the secondary transfer roller



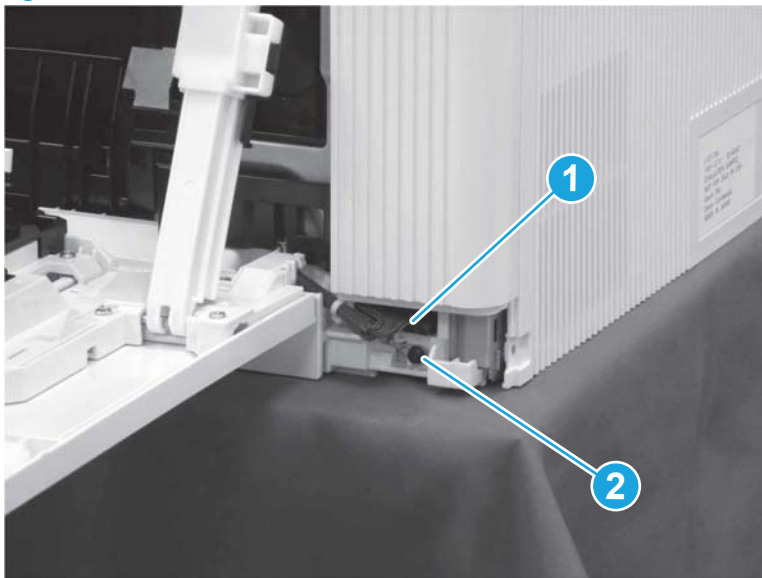
- 2. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1575 Remove the right rear lower cover



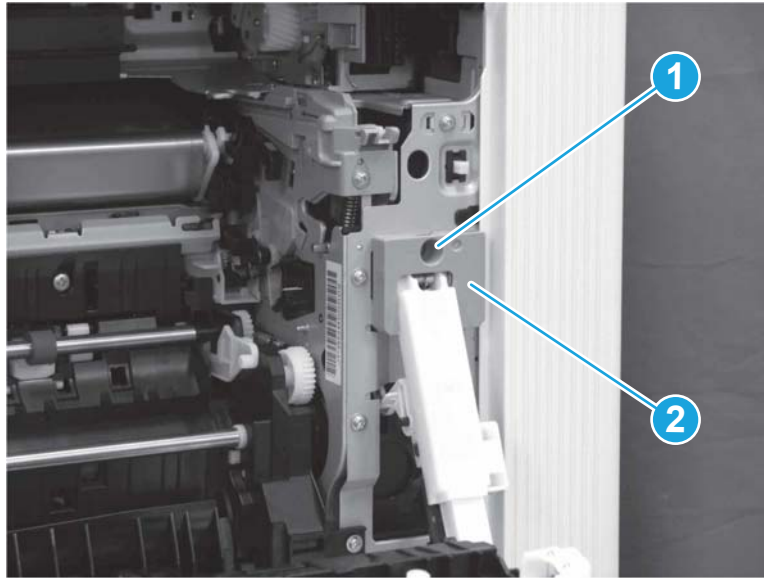
3. Remove the right door.
  - a. Disconnect one connector (callout 1), and then remove one black grounding screw (callout 2).

Figure 1-1576 Disconnect one connector and remove one screw




- b. Remove one self-tapping screw (callout 1), and then remove the cover (callout 2).

Figure 1-1577 Remove the cover



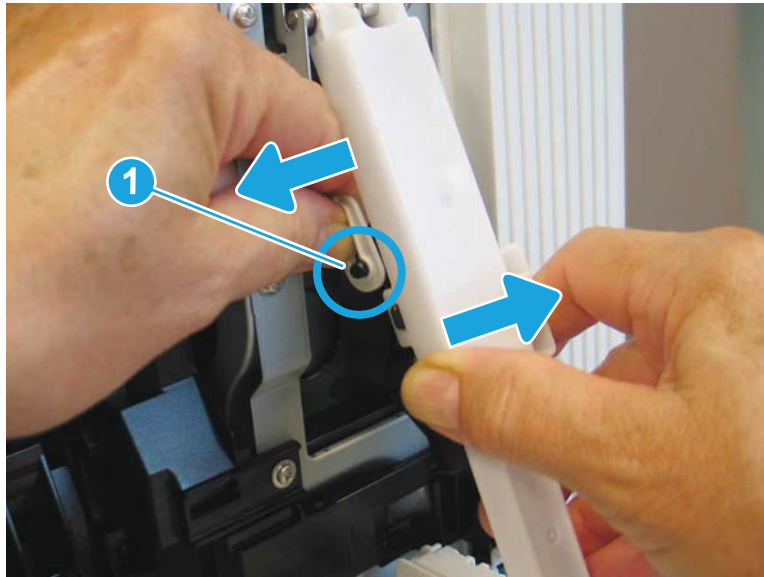
- c. Push the damper slightly to the right, and gently pull the link arm to the left to release the boss (callout 1) from the link arm.

---

 **IMPORTANT:** Make sure to reattach this link arm when reinstalling the right door. Failure to do so might cause damage to the link arm, requiring a larger repair.

---

Figure 1-1578 Release the link arm



- d. Retract the link arm slightly into the printer to move it out of the way.

Figure 1-1579 Retract the link arm



- e. Lift the dampener up, and then pull it away from the printer to release it from the bushing.

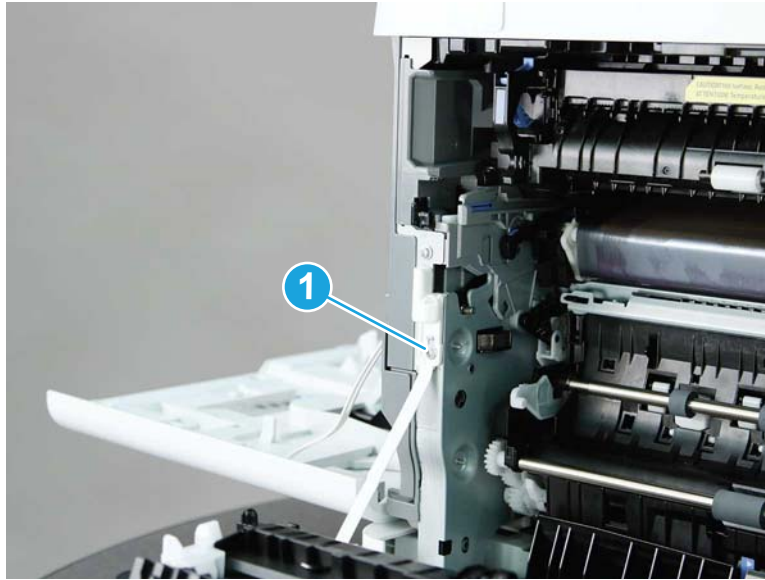
Figure 1-1580 Release the dampener





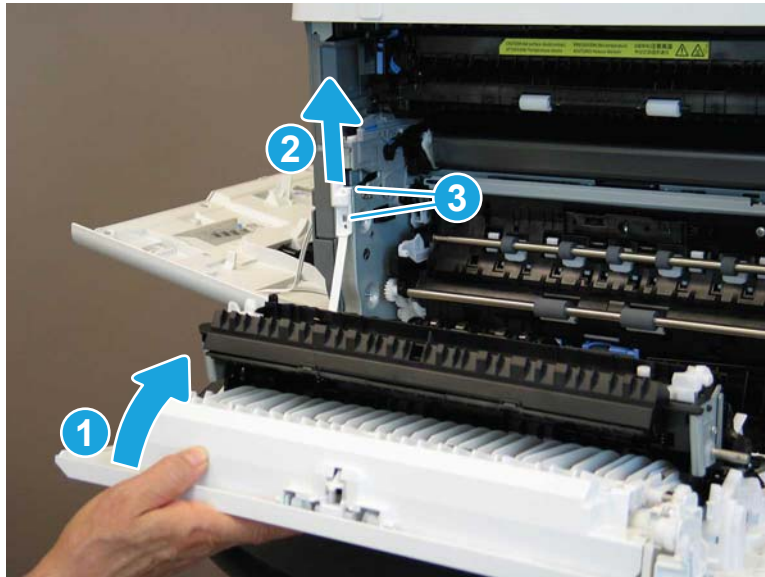
- f. Remove one screw (callout 1).

Figure 1-1581 Remove one screw



- g. Raise the door slightly (callout 1) to take tension off of the hinge. Slide the hinge up (callout 2) to release two hooks (callout 3).

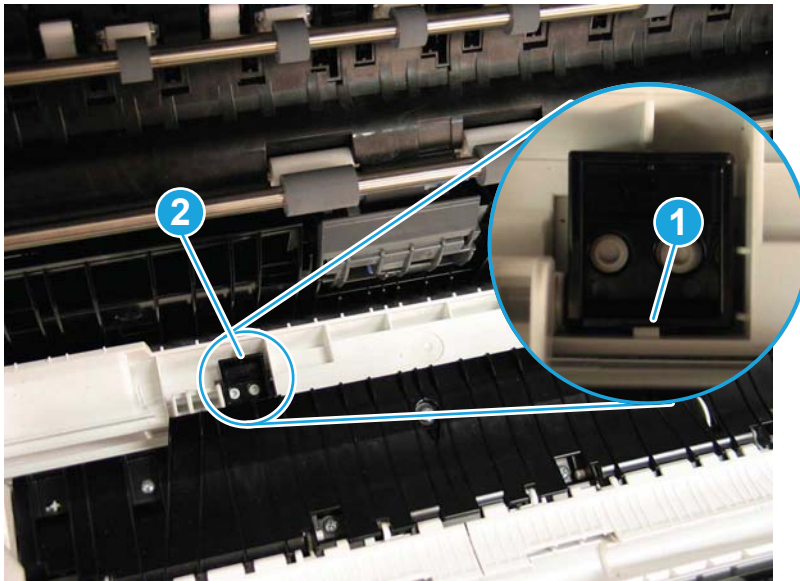
Figure 1-1582 Release the hinge



- h. Release one tab (callout 1), and then remove the stopper (callout 2).

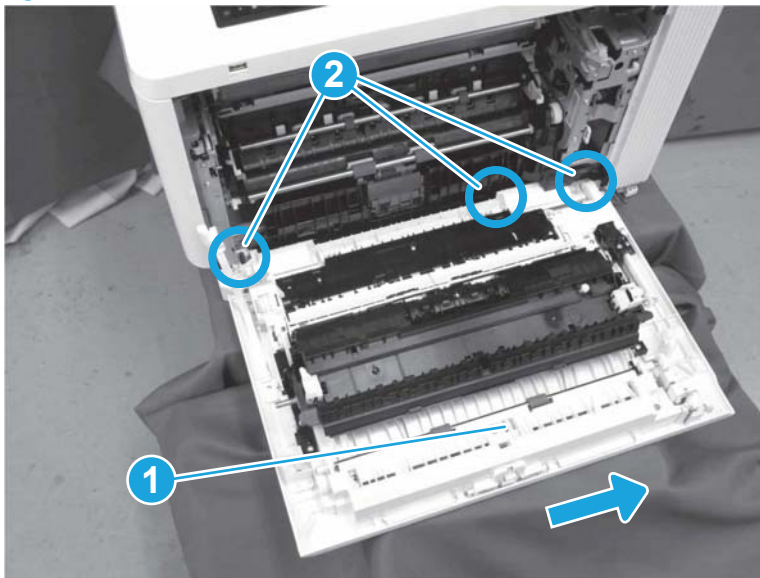
 **TIP:** Use needle-nosed pliers to release the stopper.

**Figure 1-1583** Remove the stopper



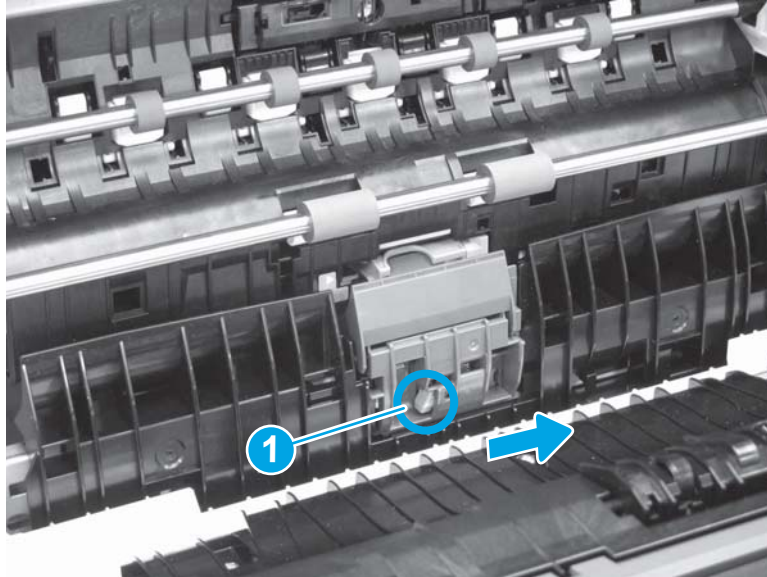
- i. Slide the right door (callout 1) to the right to release it from three tabs (callout 2), and then remove the right door.

**Figure 1-1584** Remove the right door



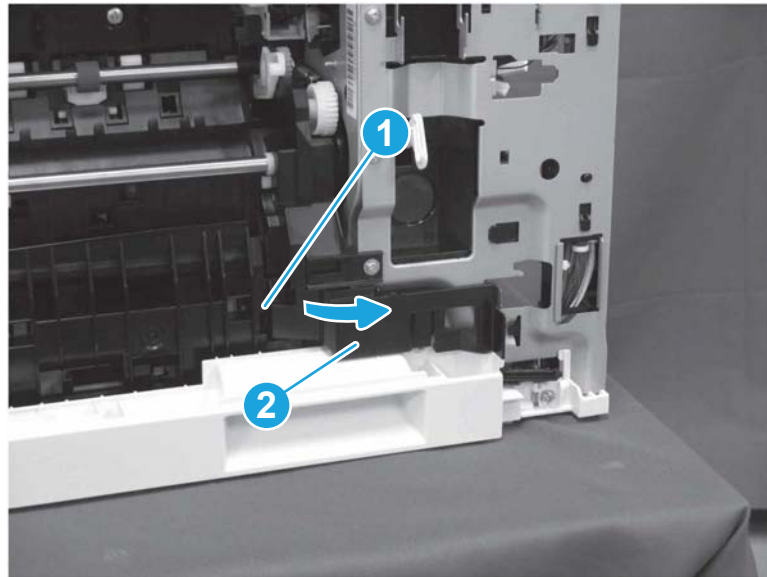
- 4. Remove the pickup assembly.
  - a. Press the release button (callout 1) on the Tray 2 separation roller. Slide the assembly to the right, and then pull it away from the printer to remove it.

Figure 1-1585 Remove the Tray 2 separation roller assembly



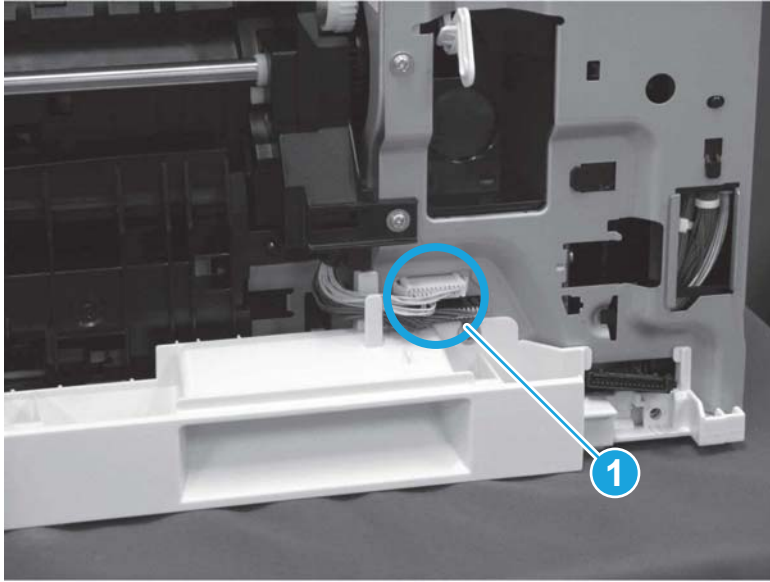
- b. Release one tab (callout 1), and then rotate the cover (callout 2) away from the printer to remove it.

Figure 1-1586 Remove the cover



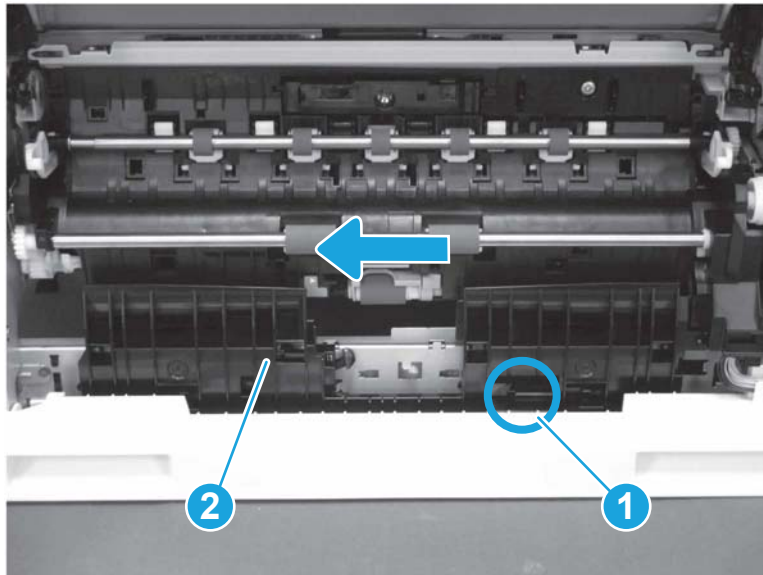
- c. Disconnect two connectors (callout 1).

Figure 1-1587 Disconnect two connectors



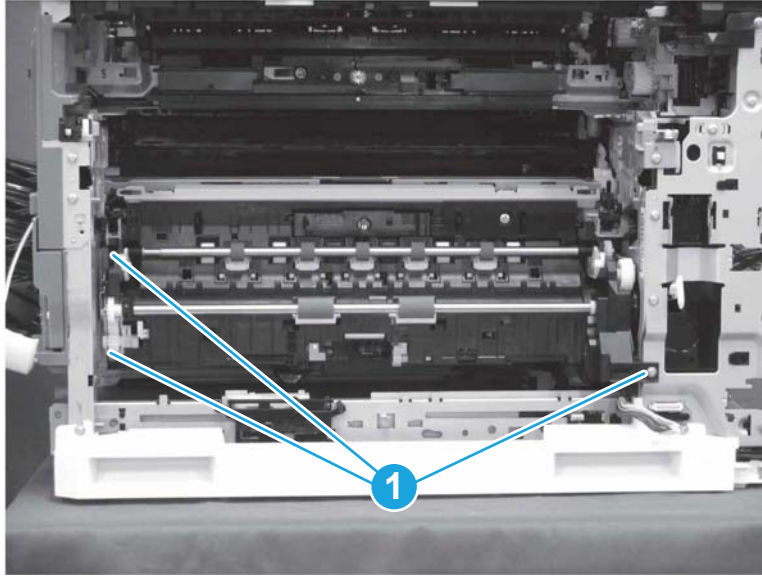
- d. Release one tab (callout 1), and then slide the guide (callout 2) to the left to remove it.

Figure 1-1588 Remove the guide



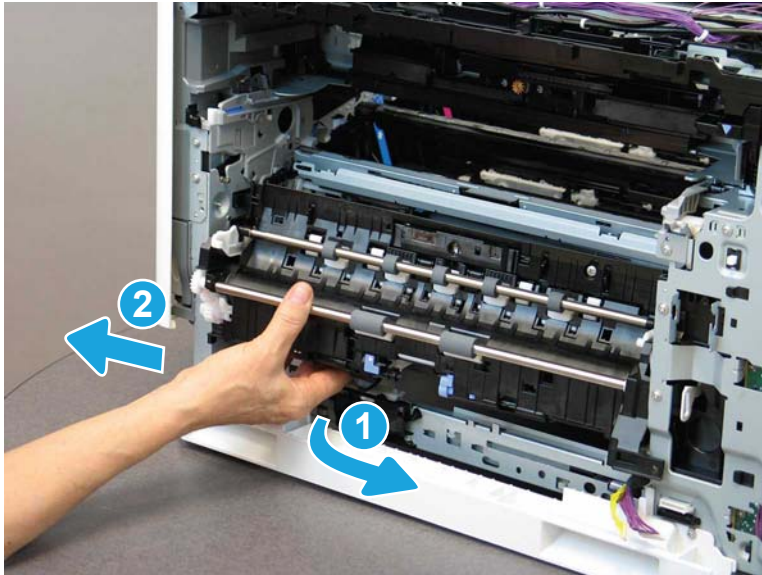
- e. Remove three screws (callout 1).

Figure 1-1589 Remove three screws



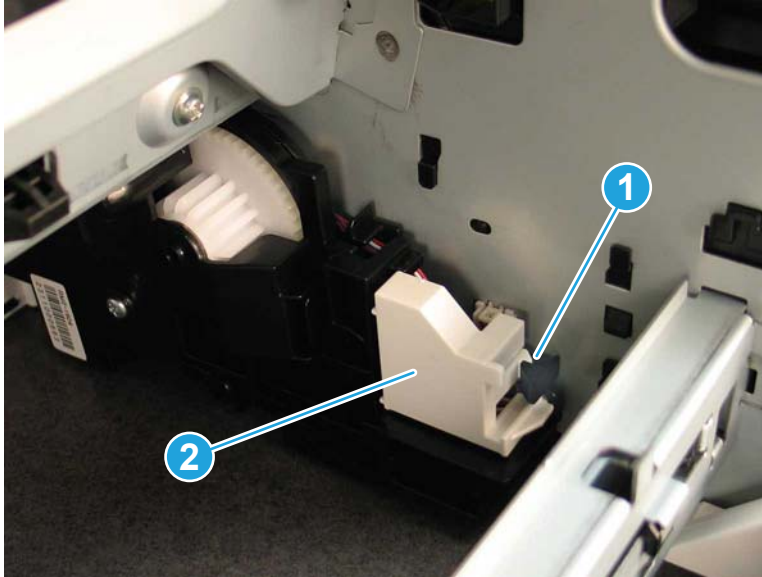
- f. Rotate the left side of the pickup assembly away from the printer (callout 1), and then slide the assembly to the left (callout 2) to remove it.

Figure 1-1590 Remove the pickup assembly



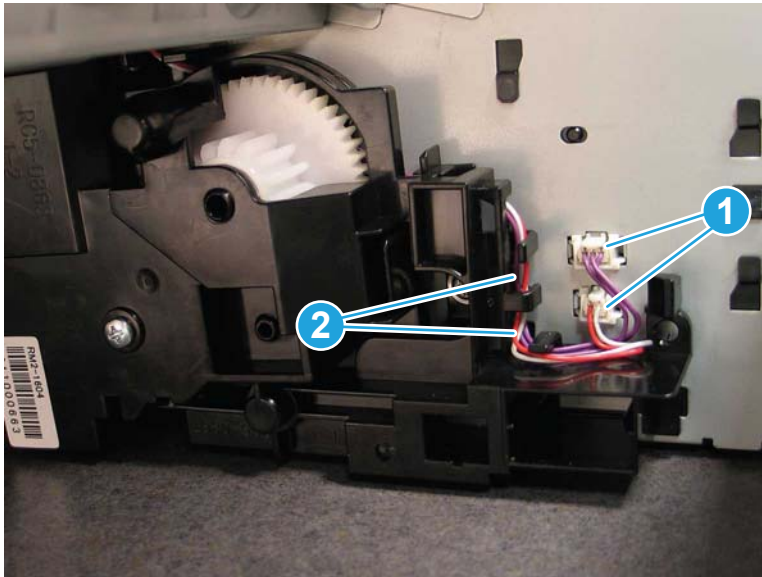
- 5. Remove the lifter drive assembly.
  - a. Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-1591 Remove the connector cover



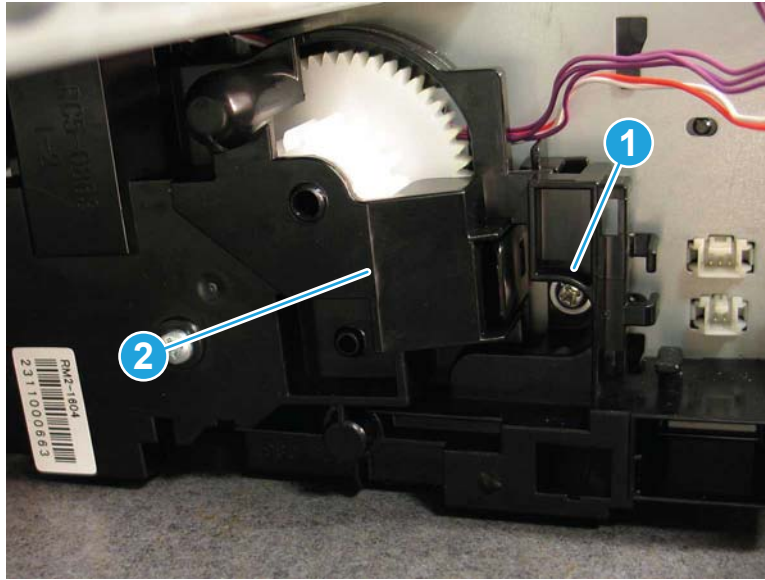
- b. Disconnect two connectors (callout 1), and then release the cables from the guides (callout 2).

Figure 1-1592 Disconnect two connectors



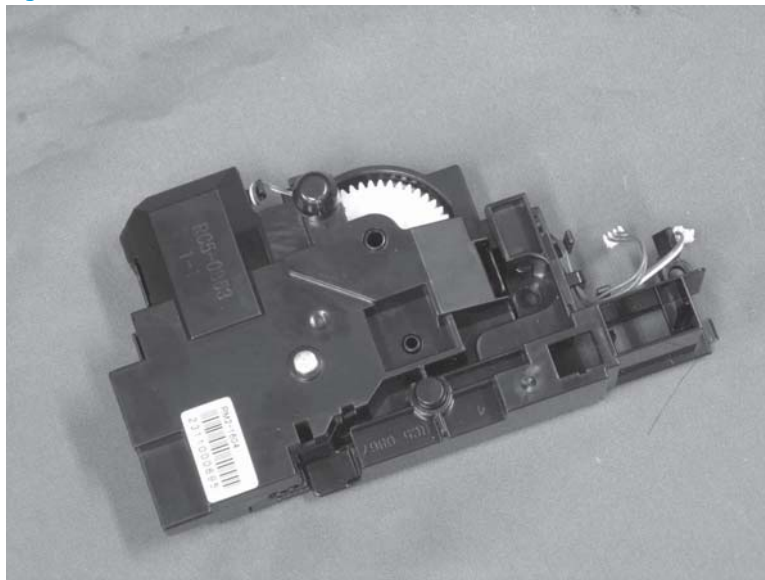
- c. Remove one screw (callout 1) and then remove the lifter drive assembly and holder (callout 2).

**Figure 1-1593** Remove the lifter drive assembly




- d. Remove the lifter drive assembly (callout 1) from the holder (callout 2).

**Figure 1-1594** Remove the holder



6. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Auto close assembly (Tray 2; M751/E75245/M856/E85055/M776)

Learn how to remove and replace the auto close assembly for Tray 2.

 [View a video of how to remove and replace the auto close assembly \(Tray 2\).](#)


Mean time to repair: 27 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-85** Part information

Part number	Part description
RM2-1605-000CN	Auto close assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.



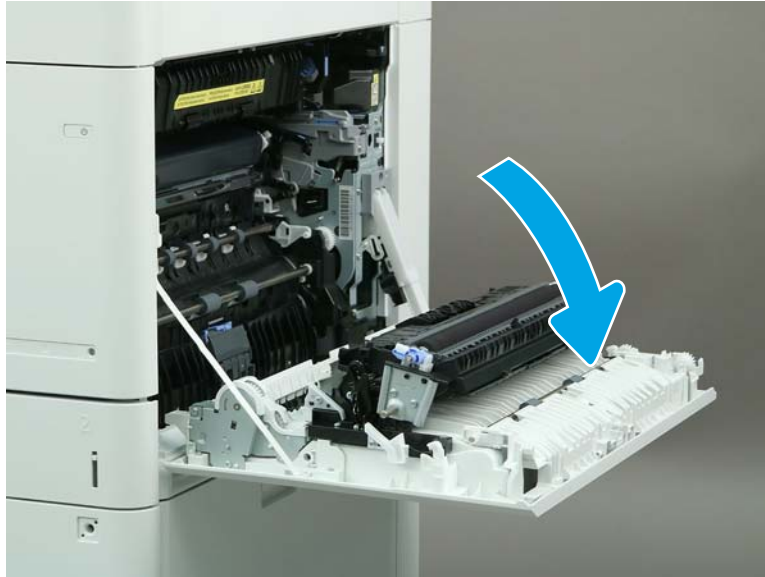
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the secondary transfer roller.
  - a. Open the right door.

**Figure 1-1595** Open the right door



- b. Release the latch (callout 1), and then lift the left side of the roller.

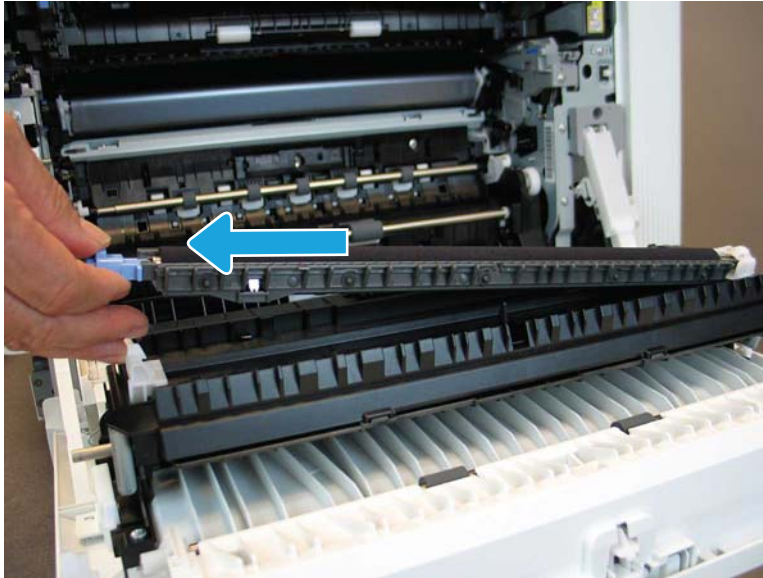
**Figure 1-1596** Release the transfer roller



- c. Slide the transfer roller to the left to remove it.

**⚠ CAUTION:** Do not touch the surface of the secondary transfer roller.

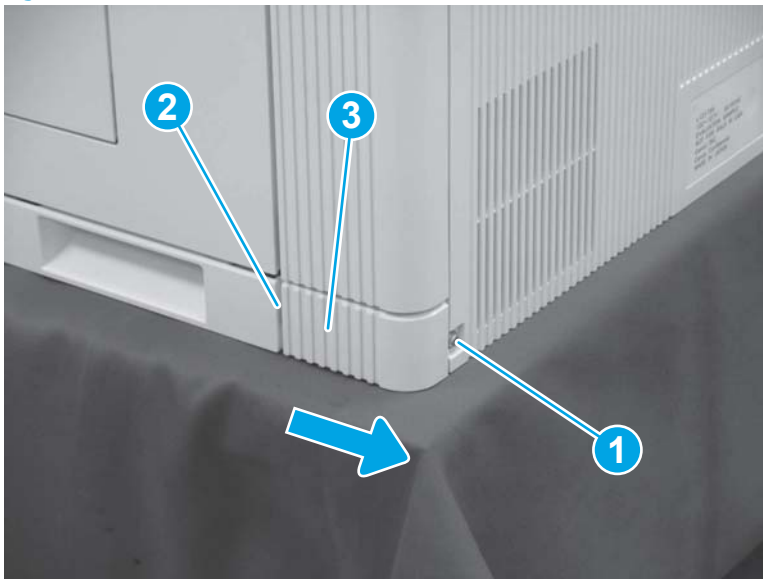
**Figure 1-1597** Remove the secondary transfer roller



- 2. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

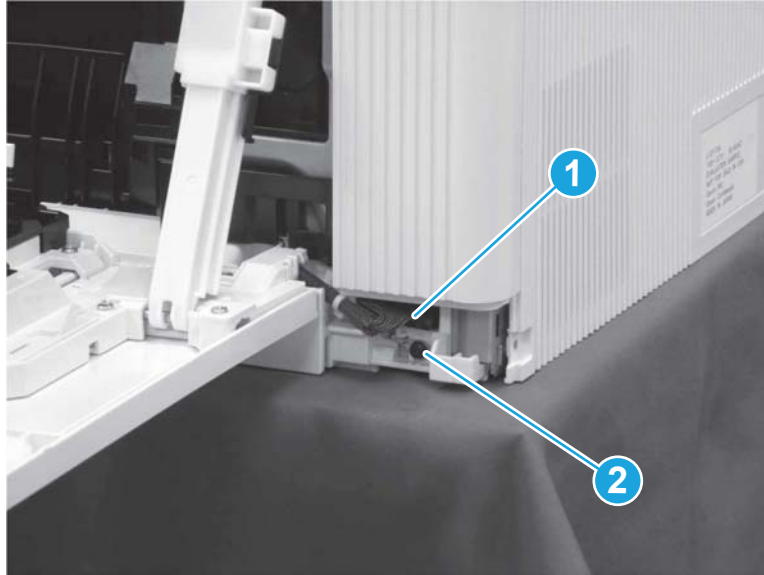
**Figure 1-1598** Remove the right rear lower cover



- 3. Remove the right door.

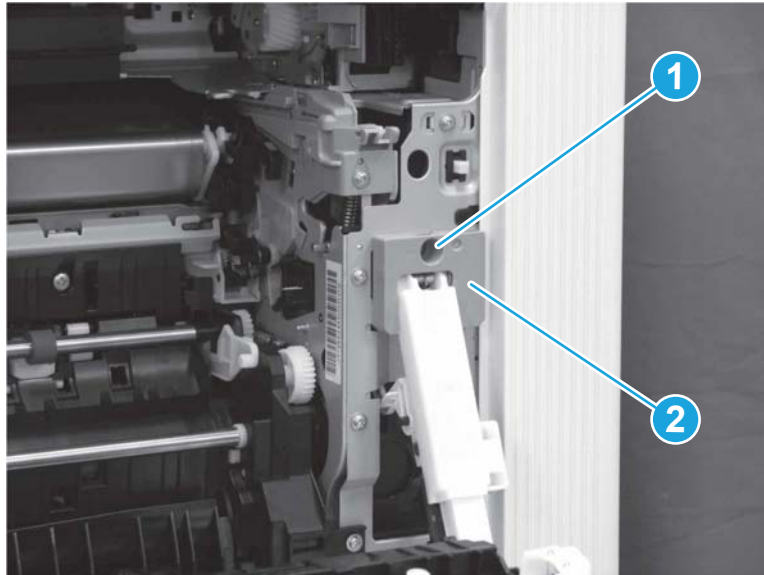
- a. Disconnect one connector (callout 1), and then remove one black grounding screw (callout 2).

Figure 1-1599 Disconnect one connector and remove one screw



- b. Remove one self-tapping screw (callout 1), and then remove the cover (callout 2).

Figure 1-1600 Remove the cover



- c. Push the damper slightly to the right, and gently pull the link arm to the left to release the boss (callout 1) from the link arm.


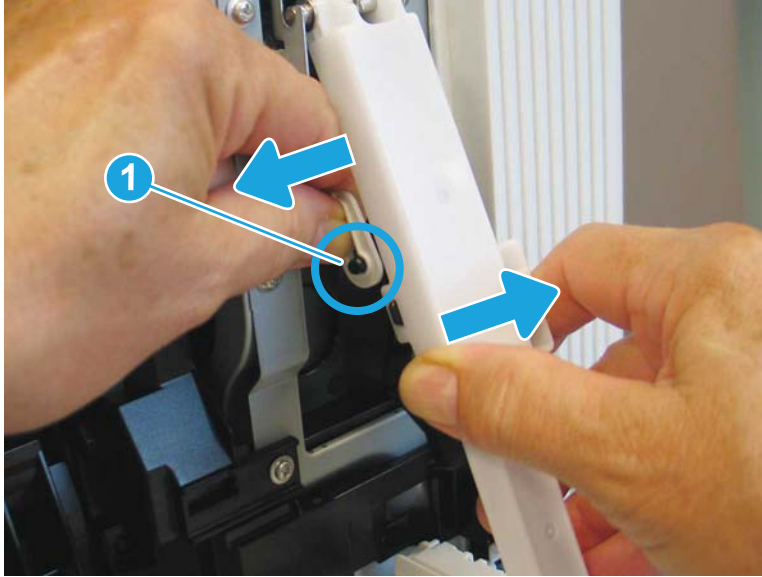
 **IMPORTANT:** Make sure to reattach this link arm when reinstalling the right door. Failure to do so might cause damage to the link arm, requiring a larger repair.

Figure 1-1601 Release the link arm



- d. Retract the link arm slightly into the printer to move it out of the way.

Figure 1-1602 Retract the link arm



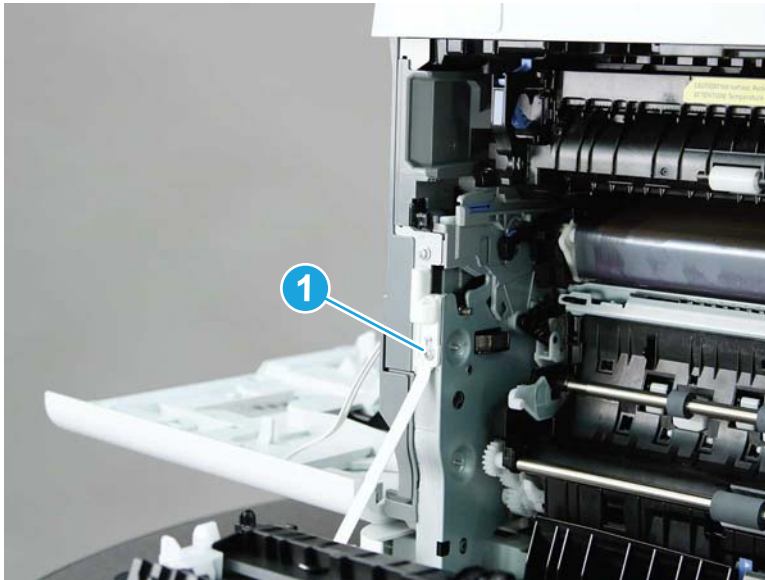
- e. Lift the dampener up, and then pull it away from the printer to release it from the bushing.

Figure 1-1603 Release the dampener



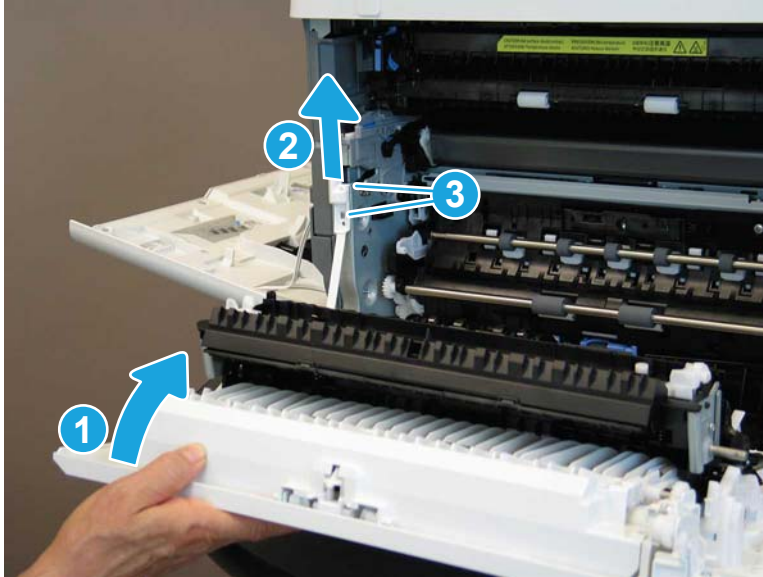
- f. Remove one screw (callout 1).

Figure 1-1604 Remove one screw



- g. Raise the door slightly (callout 1) to take tension off of the hinge. Slide the hinge up (callout 2) to release two hooks (callout 3).

Figure 1-1605 Release the hinge



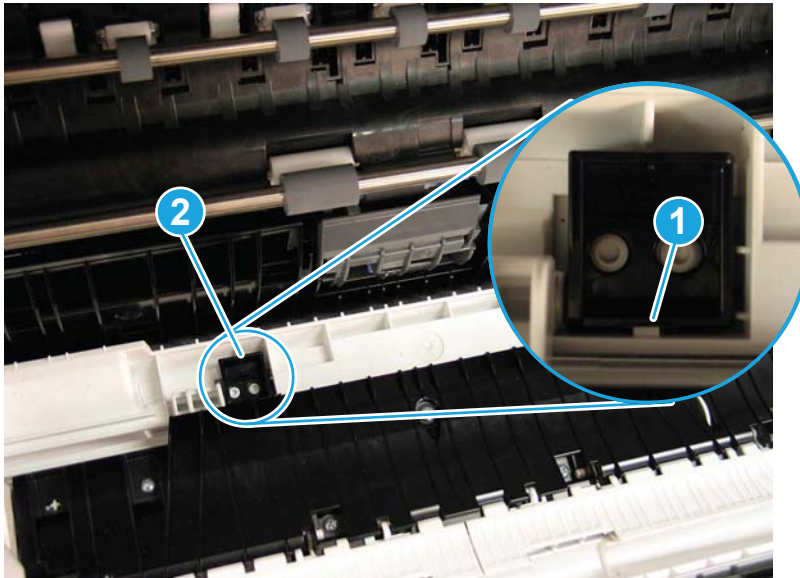
- h. Release one tab (callout 1), and then remove the stopper (callout 2).

---

 **TIP:** Use needle-nosed pliers to release the stopper.

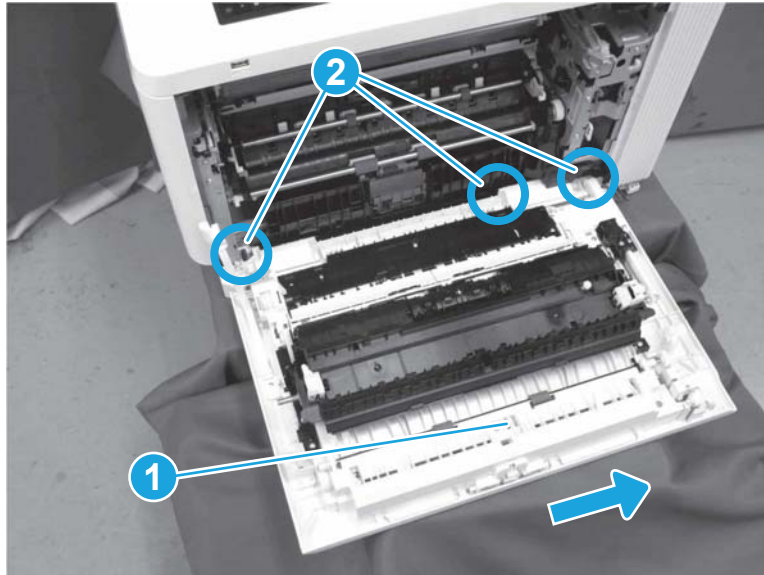
---

Figure 1-1606 Remove the stopper



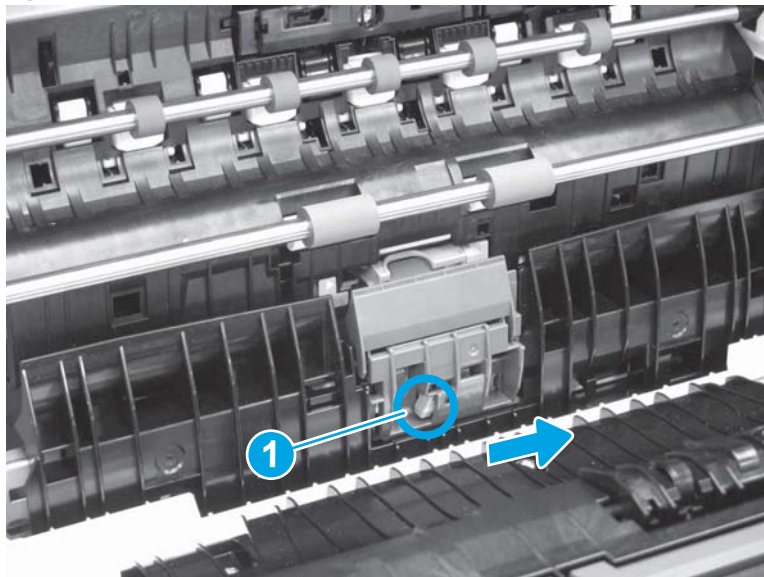
- i. Slide the right door (callout 1) to the right to release it from three tabs (callout 2), and then remove the right door.

**Figure 1-1607** Remove the right door



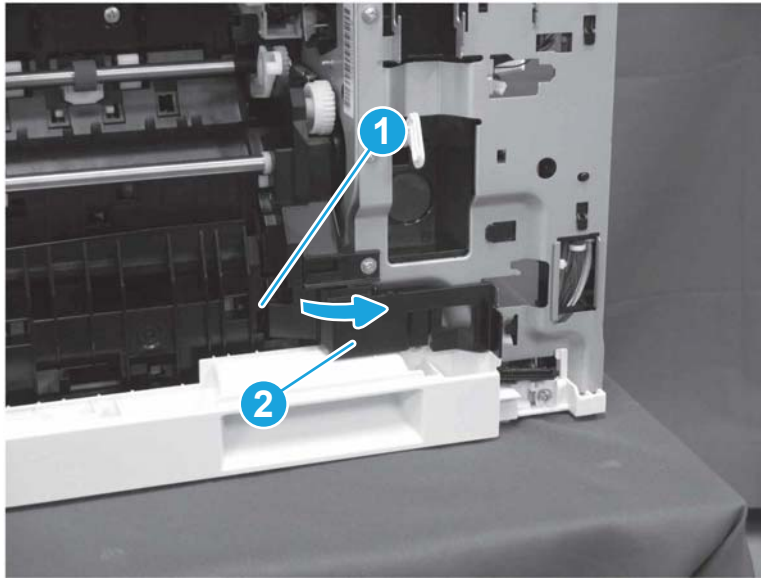
4. Remove the pickup assembly.
  - a. Press the release button (callout 1) on the Tray 2 separation roller. Slide the assembly to the right, and then pull it away from the printer to remove it.

**Figure 1-1608** Remove the Tray 2 separation roller assembly



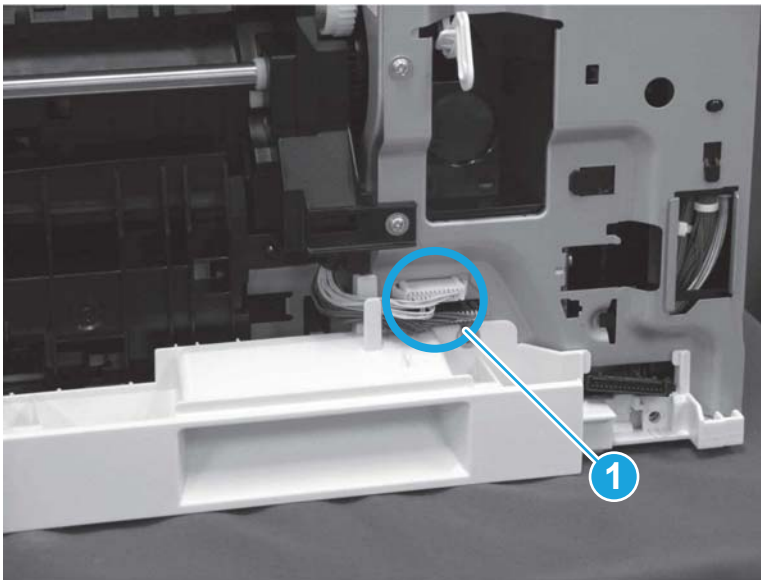
- b. Release one tab (callout 1), and then rotate the cover (callout 2) away from the printer to remove it.

Figure 1-1609 Remove the cover



- c. Disconnect two connectors (callout 1).

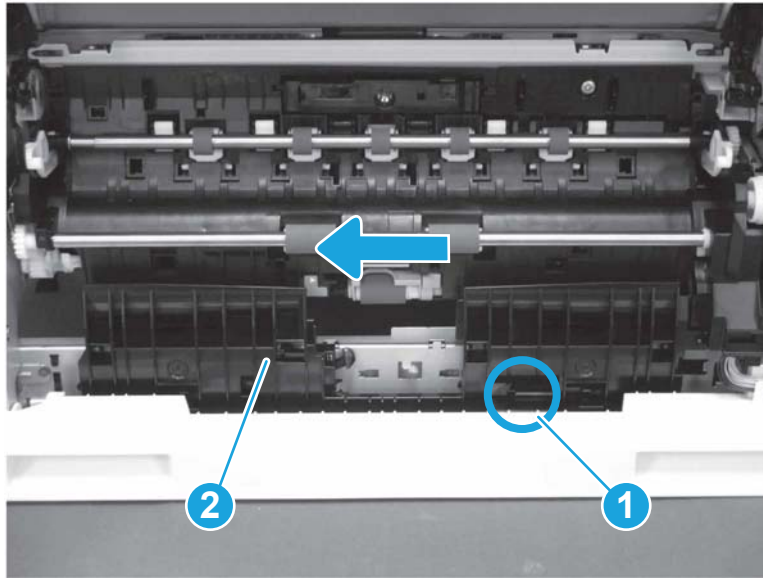
Figure 1-1610 Disconnect two connectors





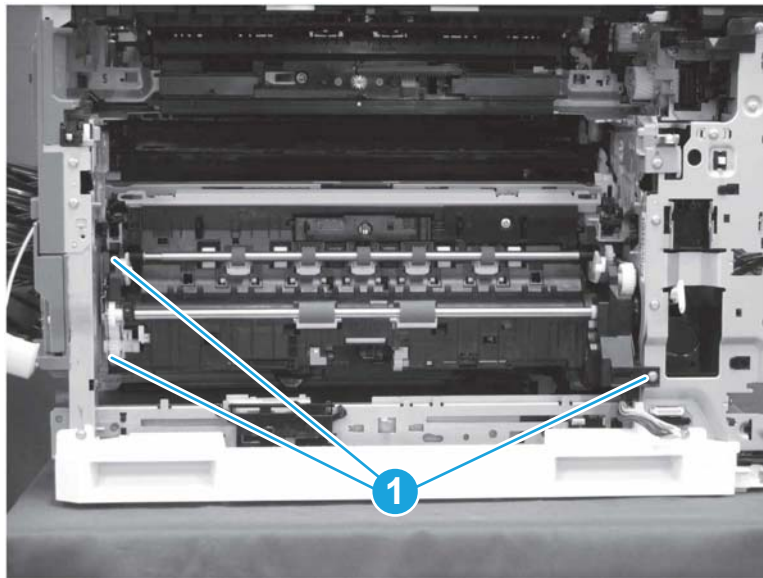
- d. Release one tab (callout 1), and then slide the guide (callout 2) to the left to remove it.

Figure 1-1611 Remove the guide



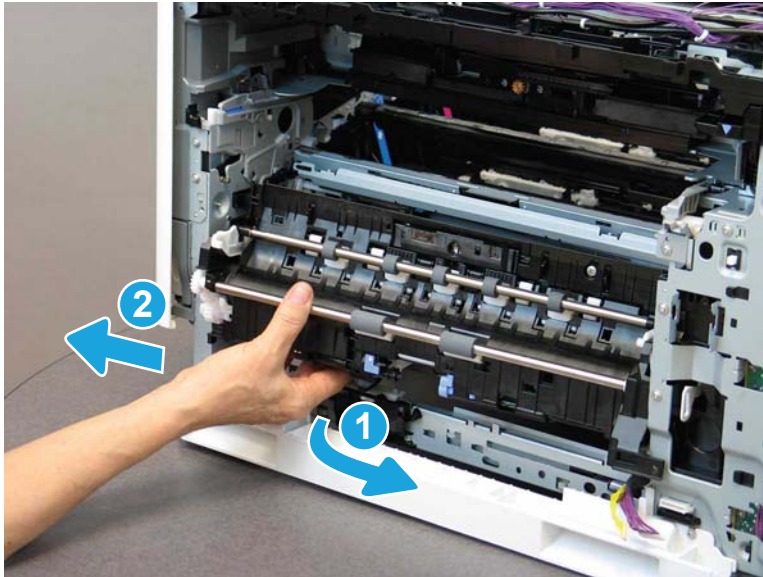
- e. Remove three screws (callout 1).

Figure 1-1612 Remove three screws



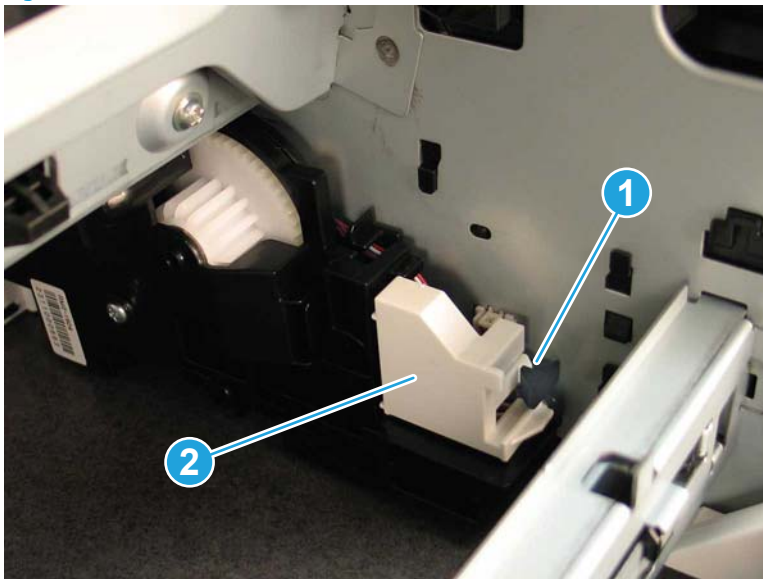
- f. Rotate the left side of the pickup assembly away from the printer (callout 1), and then slide the assembly to the left (callout 2) to remove it.

Figure 1-1613 Remove the pickup assembly



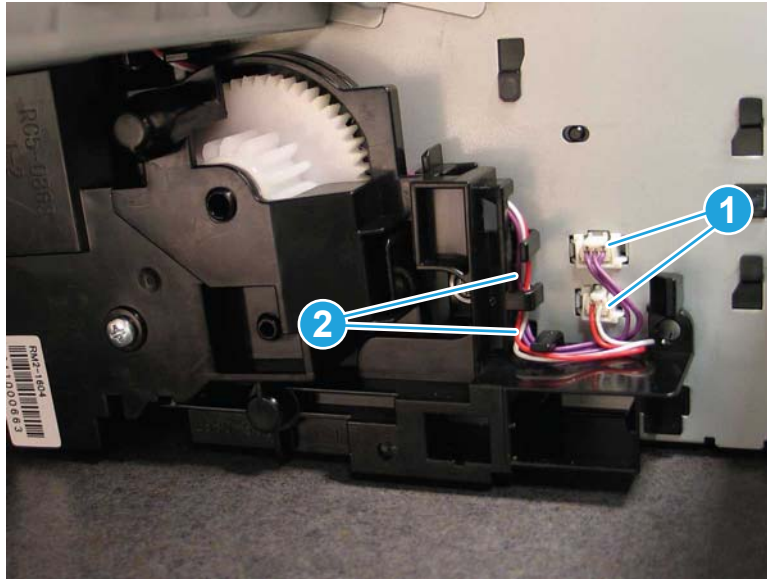
- 5. Remove the lifter drive assembly.
  - a. Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-1614 Remove the connector cover



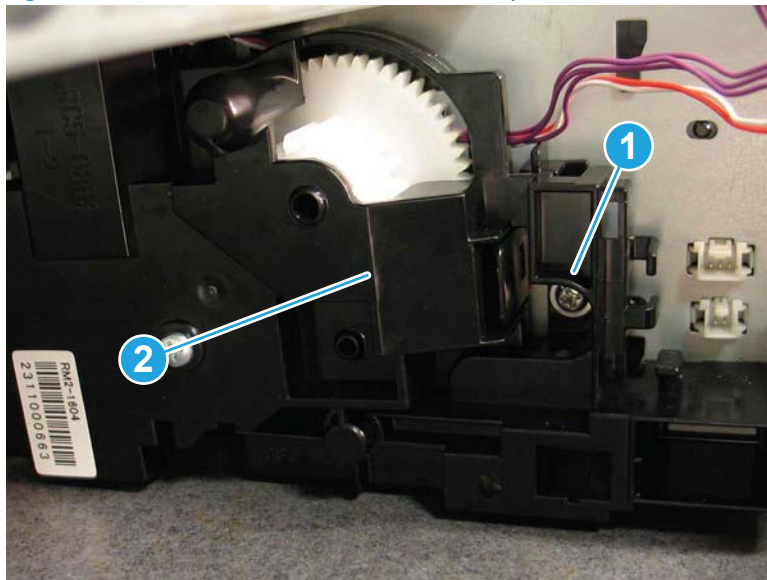
- b. Disconnect two connectors (callout 1), and then release the cables from the guides (callout 2).

Figure 1-1615 Disconnect two connectors



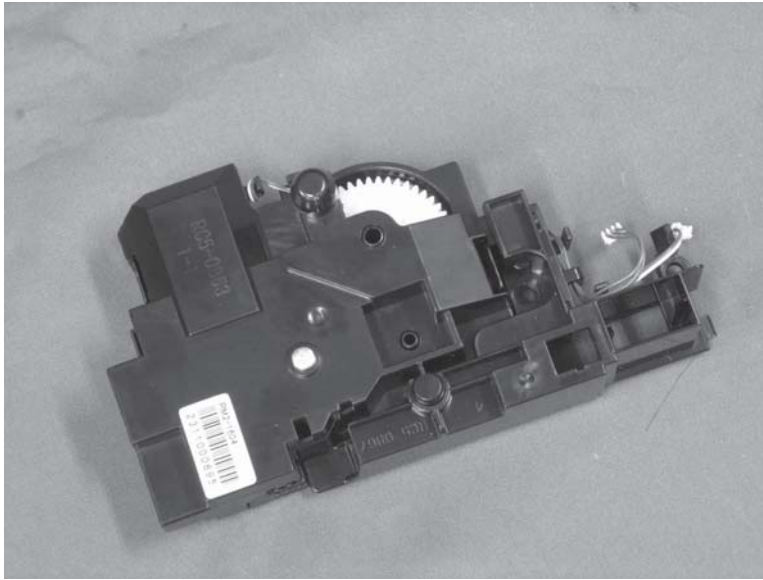
- c. Remove one screw (callout 1) and then remove the lifter drive assembly and holder (callout 2).

Figure 1-1616 Remove the lifter drive assembly



- d. Remove the lifter drive assembly (callout 1) from the holder (callout 2).

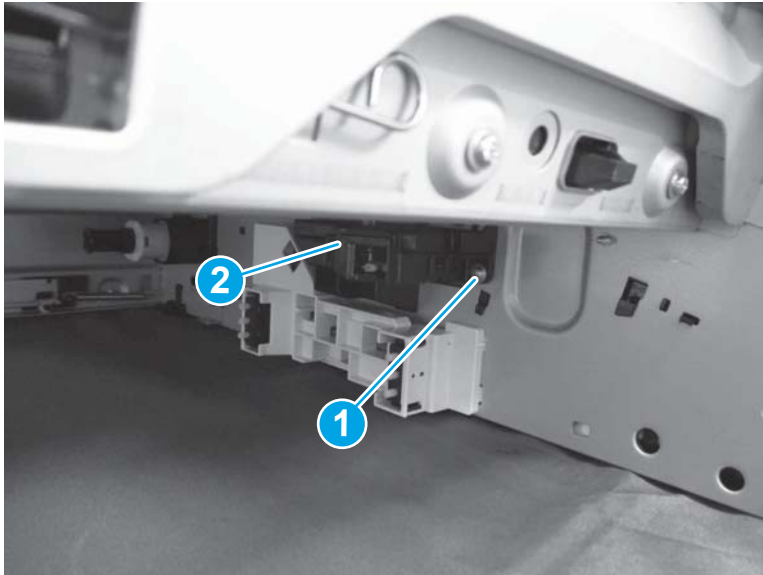
Figure 1-1617 Remove the holder



6. Remove the auto close assembly.

- ▲ Remove one screw (callout 1), and then remove the auto close assembly (callout 2).


Figure 1-1618 Remove one screw and the auto close assembly



7. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

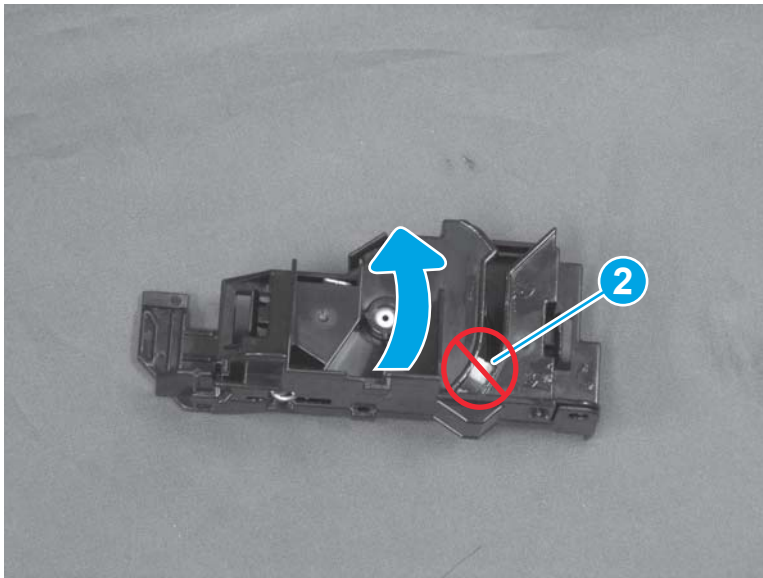
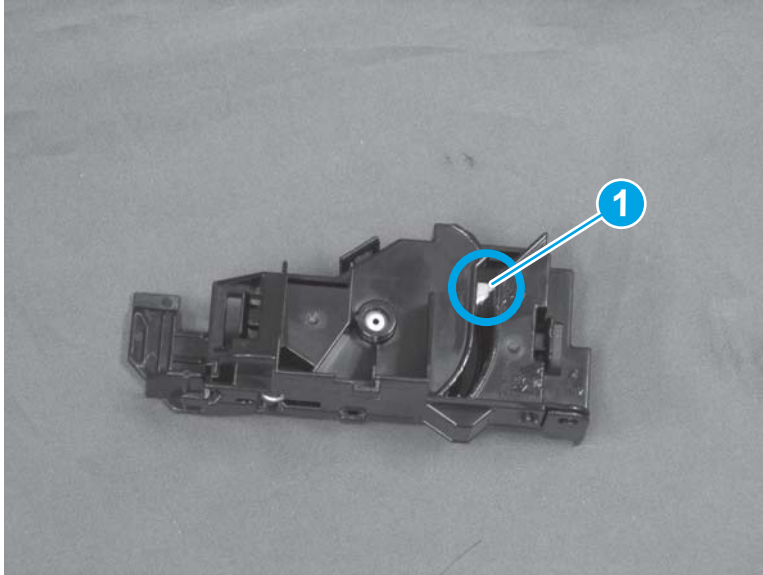
---

8. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

Check the auto close toggle position.

- ▲ Confirm the position of the toggle when installing the auto close assembly. The correct position of the toggle is toward the top of the auto close assembly (callout 1). If the toggle is in the wrong position (callout 2), use a small, flat-blade screwdriver to rotate it up to the correct position.

Figure 1-1619 Check the toggle position



### Removal and replacement: DC controller (M751/E75245)

Learn how to remove and replace the DC controller.

 [View a video of how to remove and replace the DC controller.](#)

Mean time to repair: 24 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-86** Part information

Part number	Part description
RM2-9630-000CN	DC controller PCB assembly (M751/E75245)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

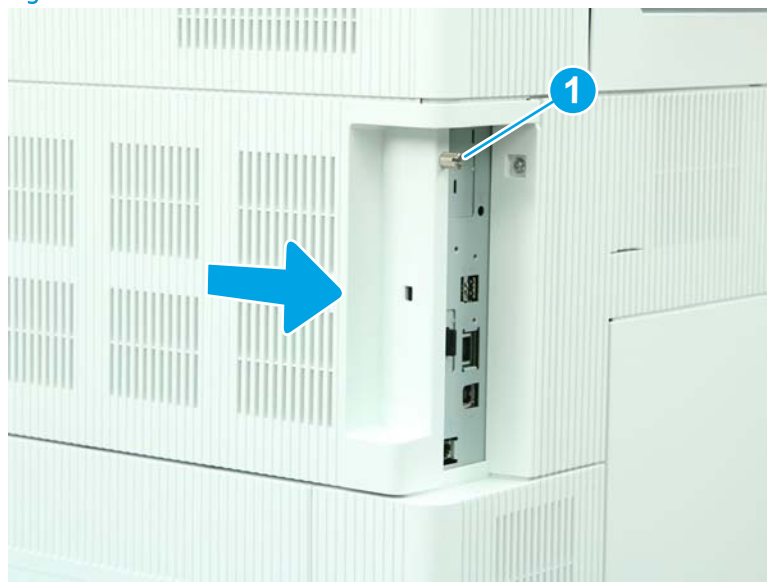
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

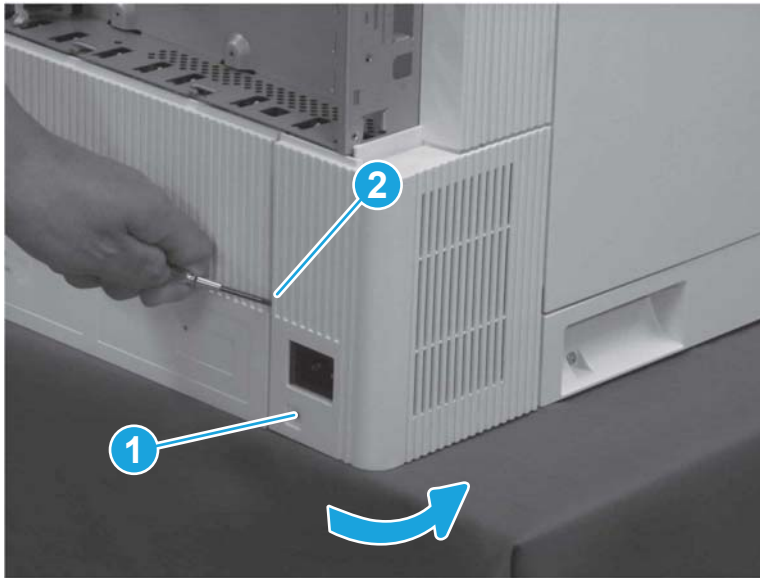
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1620** Remove the formatter cover



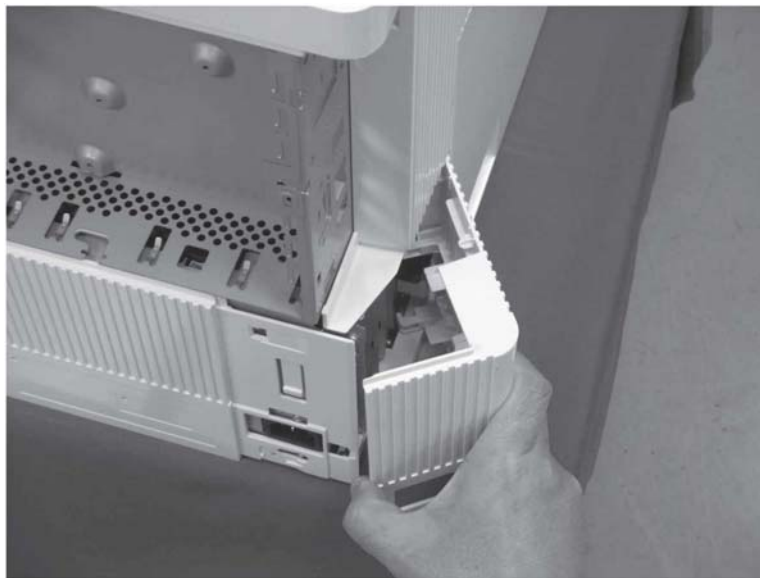
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

**Figure 1-1621** Remove one screw and release one tab



- b. Remove the left lower cover.

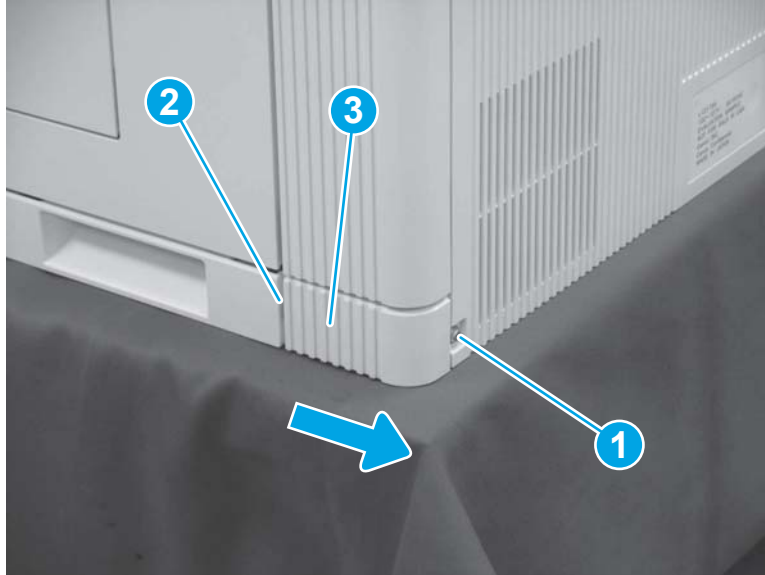
**Figure 1-1622** Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.



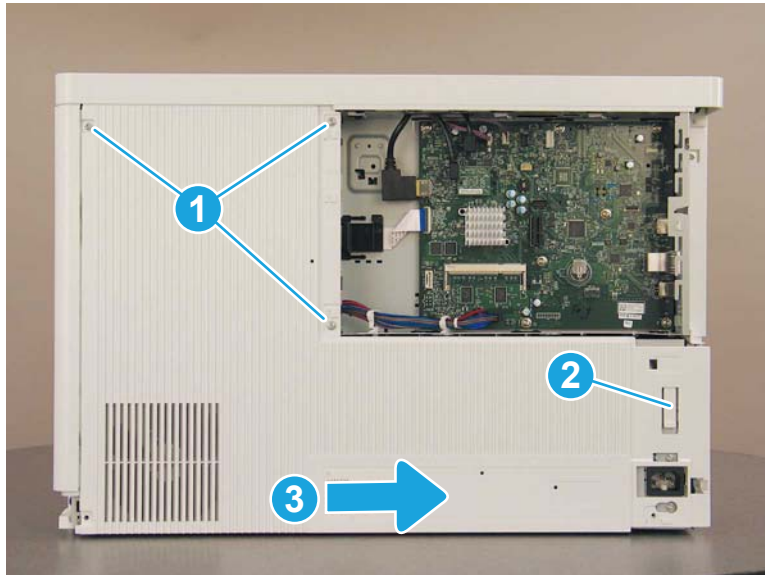
Figure 1-1623 Remove the right rear lower cover




4. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1624 Remove the rear cover

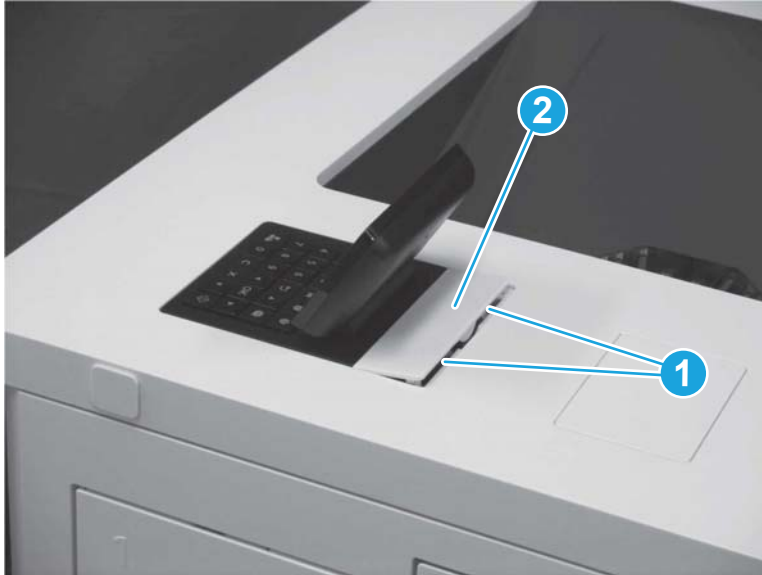


5. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1625 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1626 Remove one screw



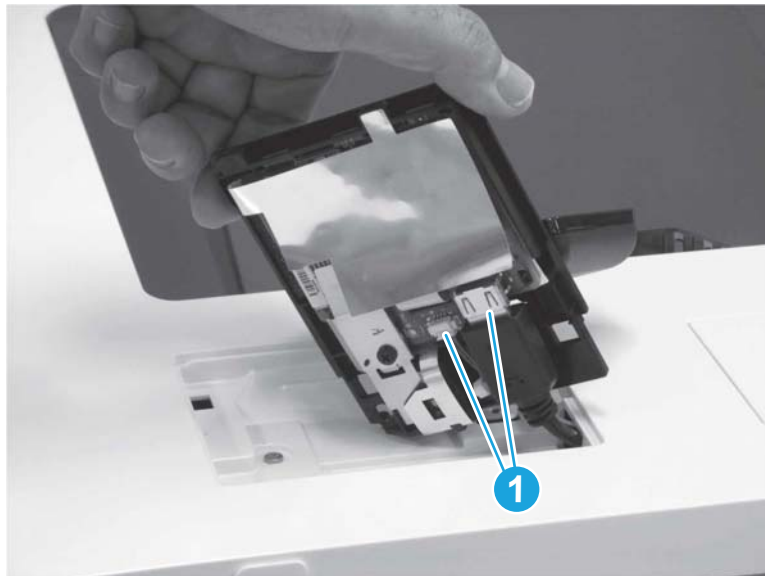
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-1627** Slide the control panel back



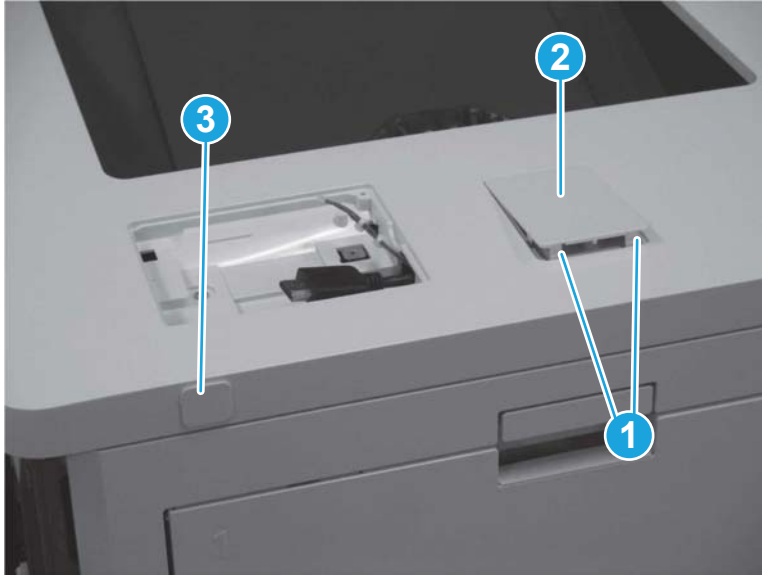
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1628** Disconnect two connectors



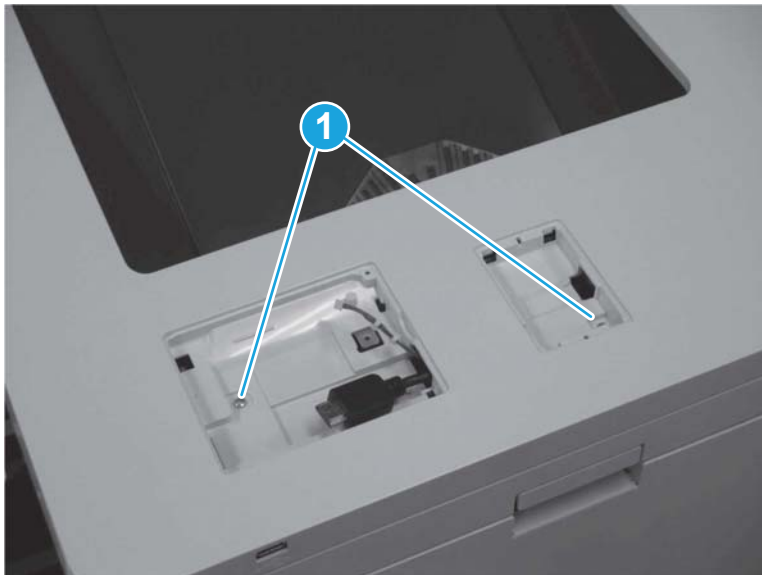
- 6. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1629 Remove the HIP cover and USB cap



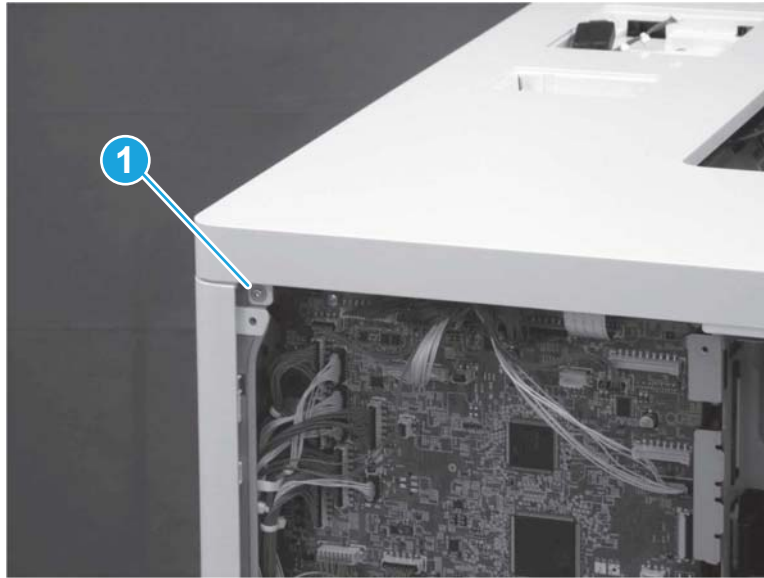
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1630 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1631 Remove one screw

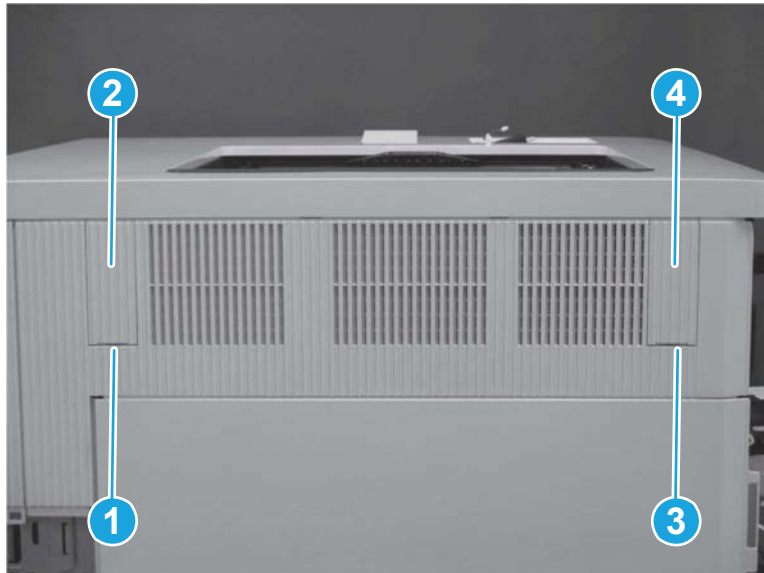


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

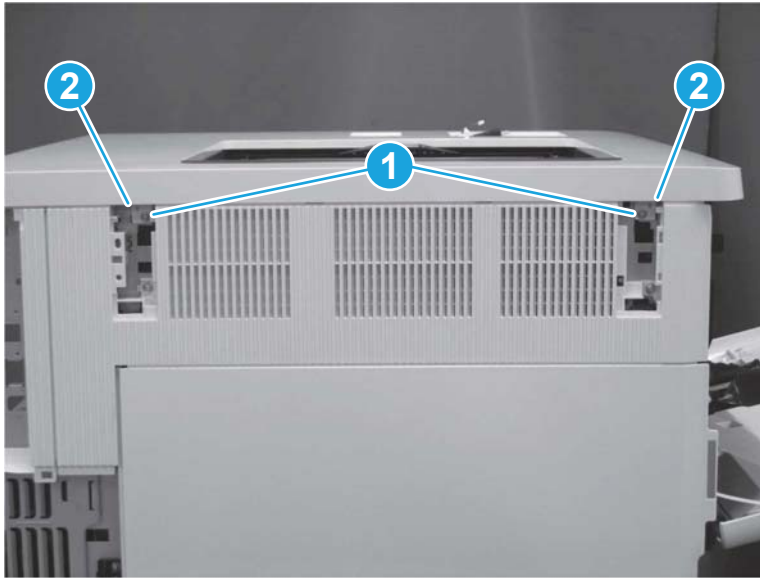
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

Figure 1-1632 Remove the left and right blanking covers



- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1633 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


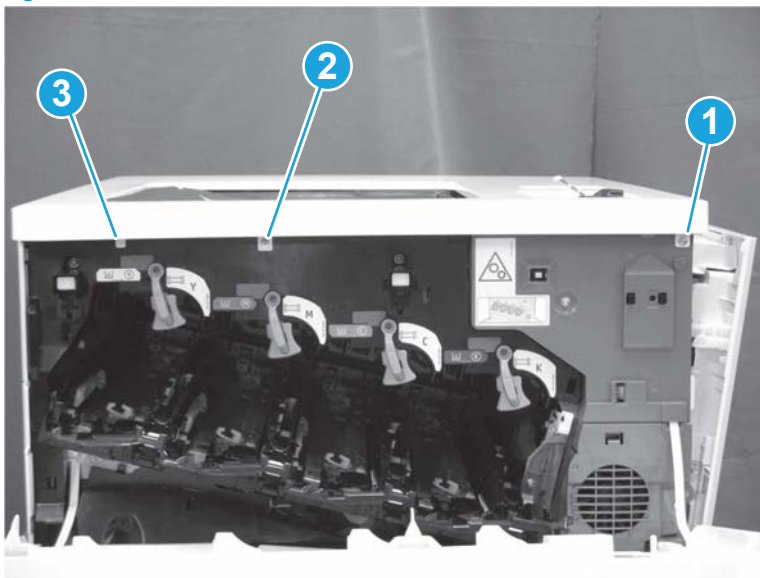
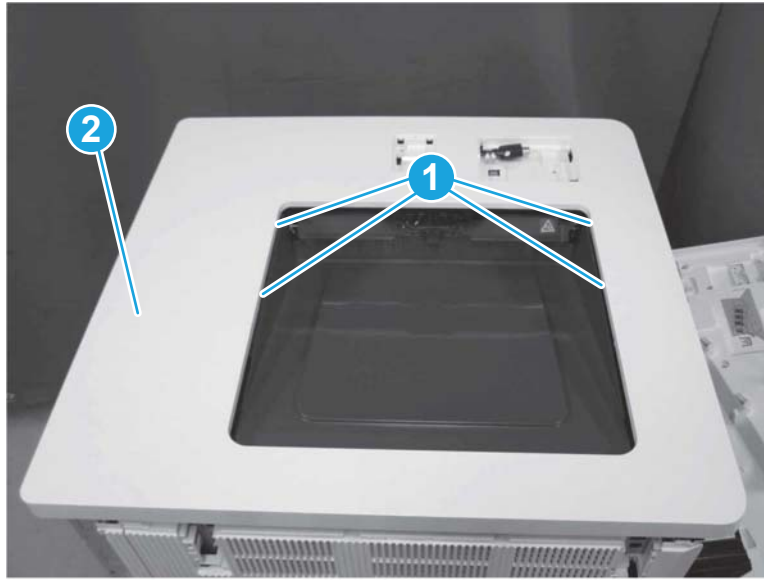
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


Figure 1-1634 Remove two screws and release one tab

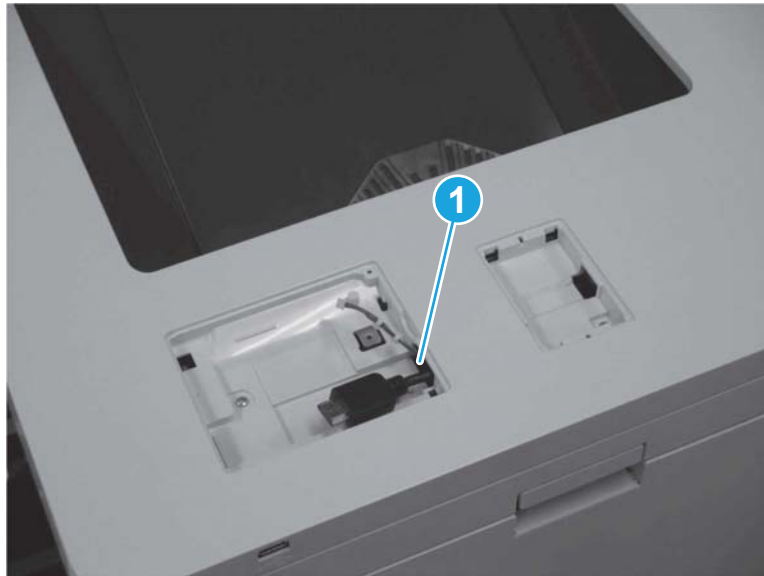


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-1635** Remove the top cover

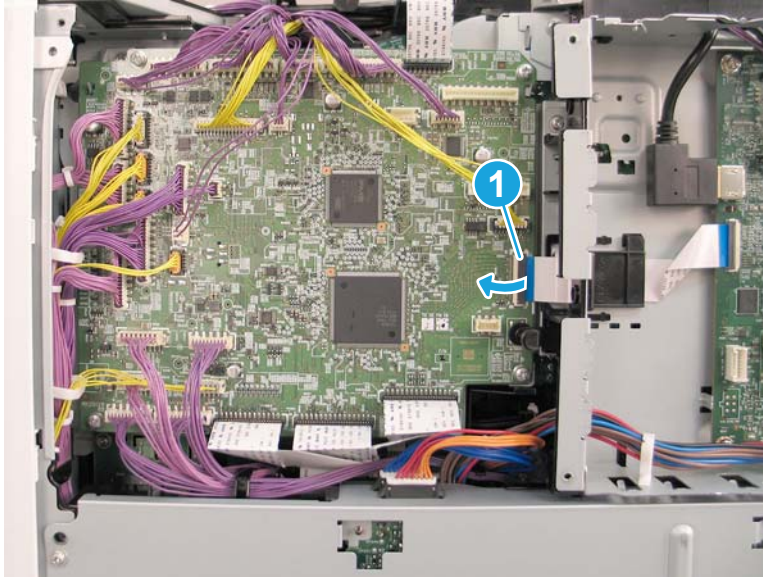


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



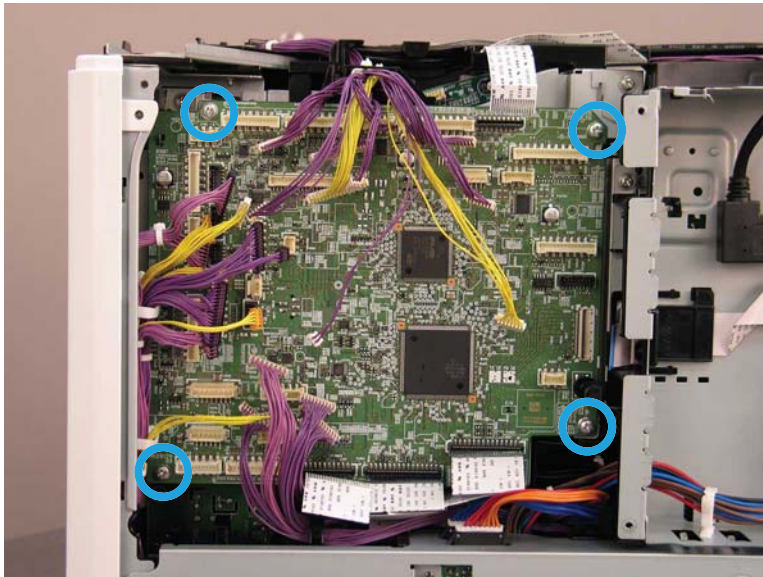
- 7.** Remove the DC controller.
  - a.** Lift the latch to release the flat cable (callout 1), and then disconnect all of the remaining connectors on the DC controller.

Figure 1-1636 Disconnect all of the connectors



- b. Remove four screws, and then remove the DC controller.

Figure 1-1637 Remove four screws





- 8. Unpack the replacement assembly.
  - a. Dispose of the defective part.




 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

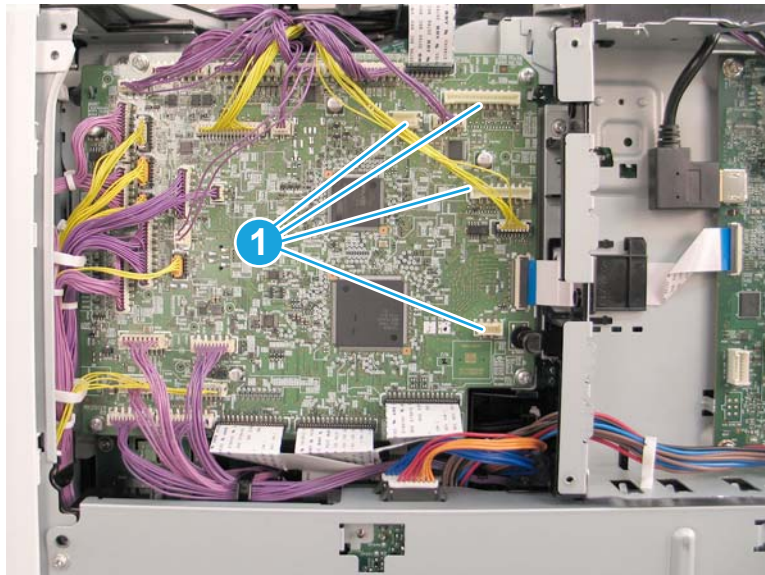
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

9. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the DC controller.

▲ When installing the DC controller, note four connectors (callout 1) that remain empty.

**Figure 1-1638** DC controller empty connectors



#### Removal and replacement: DC controller (M856/E85055/M776)

Learn how to remove and replace the DC controller.

 [View a video of how to remove and replace the DC controller.](#)


Mean time to repair: 24 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-87** Part information

Part number	Part description
RM2-9930-000CN	DC controller PCB assembly (M856/E85055/M776dn/M776z)
RM2-9931-000CN	DC controller PCB assembly (M776zs)

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

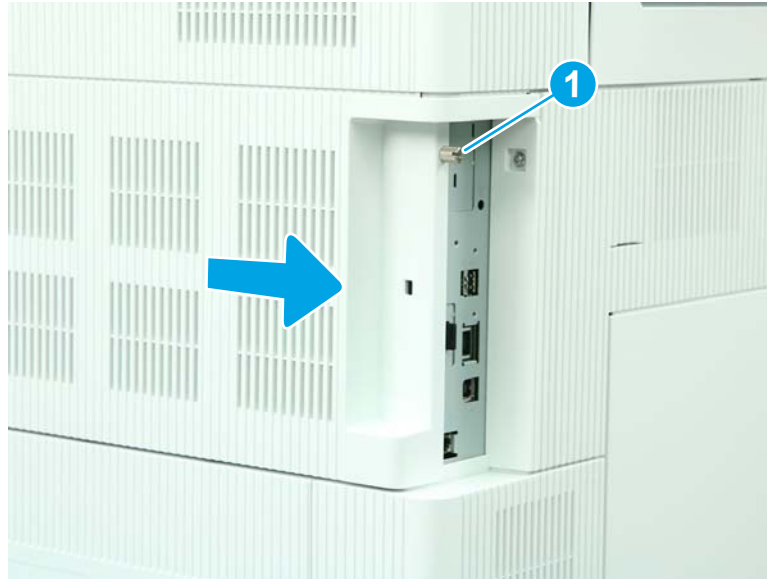
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

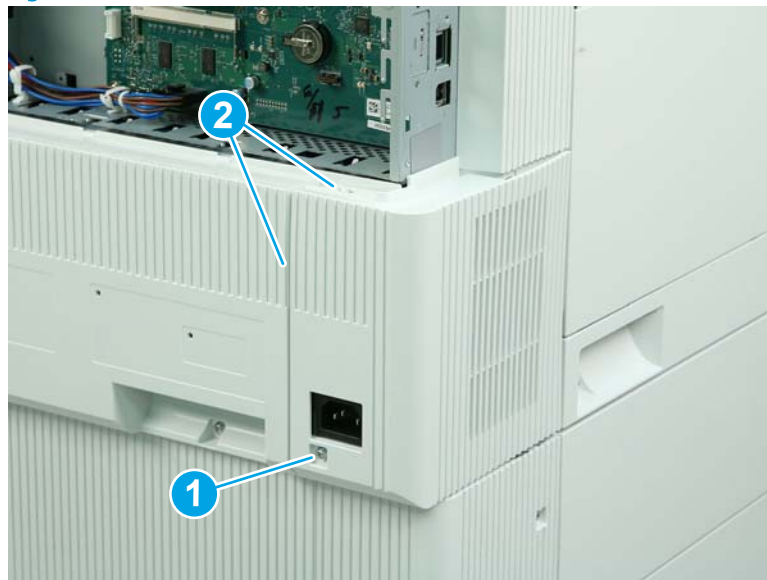
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1639 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1640 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

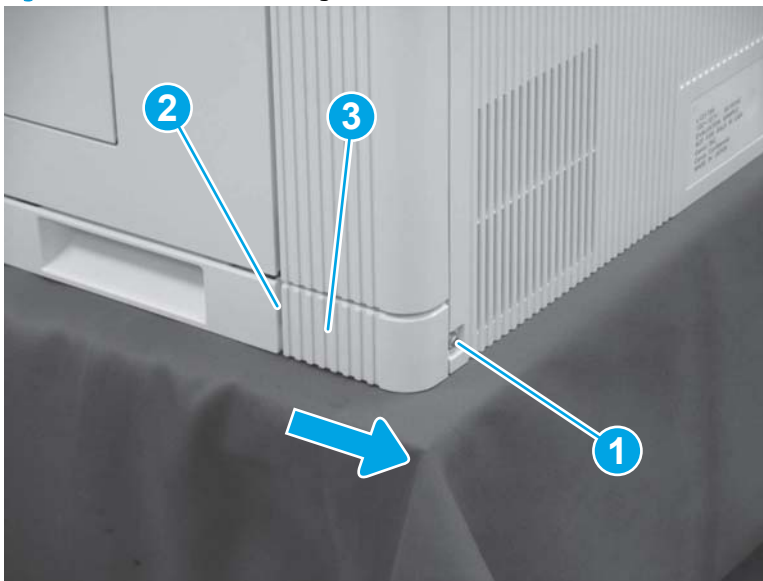
Figure 1-1641 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

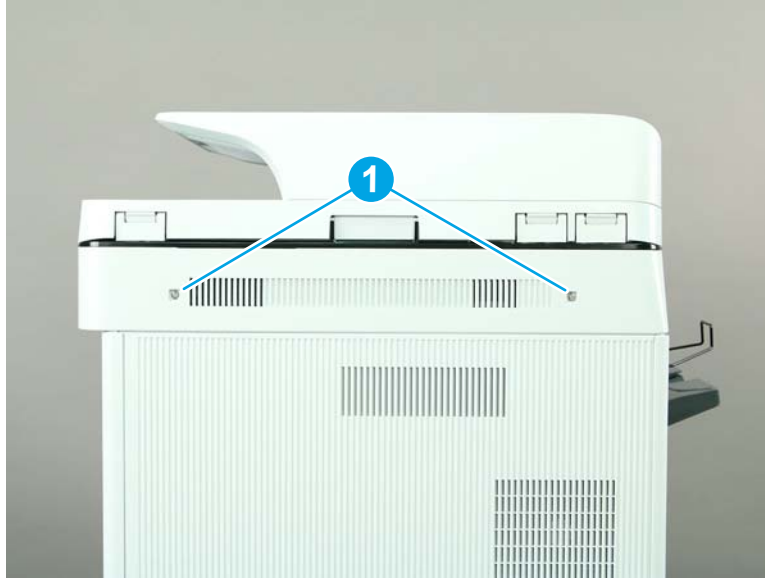
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1642 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1643 Remove two screws



- b. Remove the SCB cover.

Figure 1-1644 Remove the SCB cover

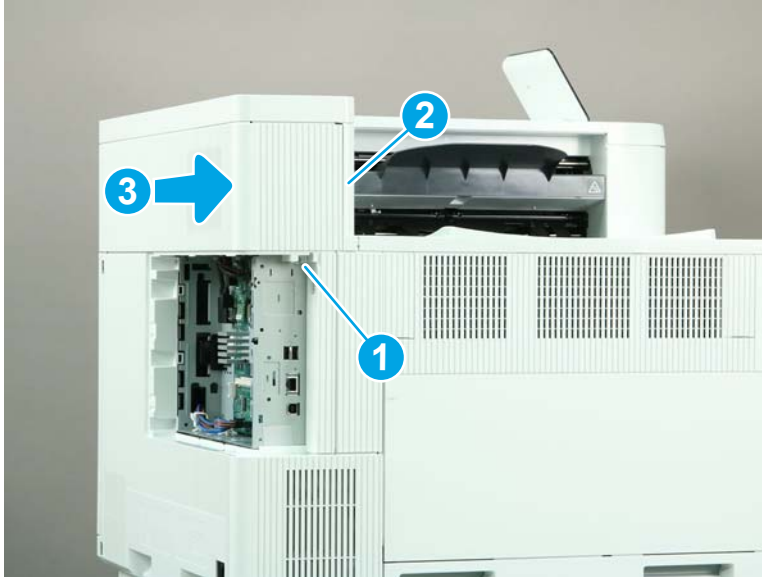


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

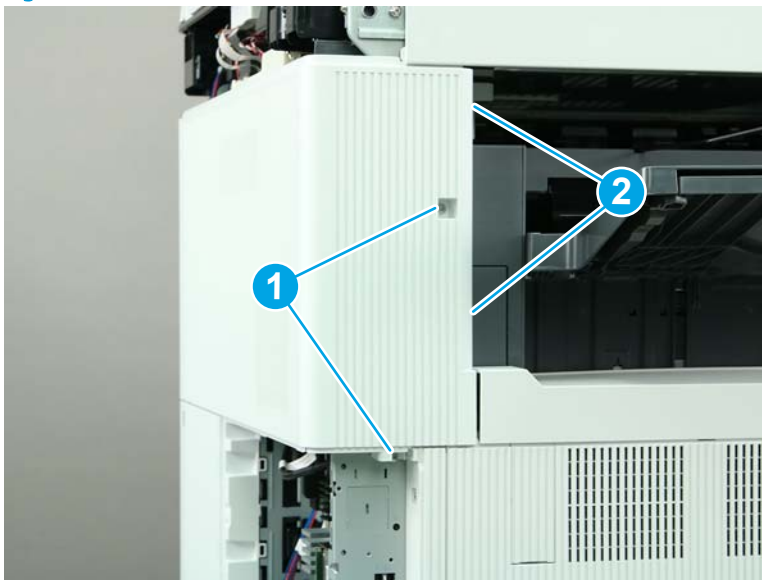
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-1645 Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1646 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

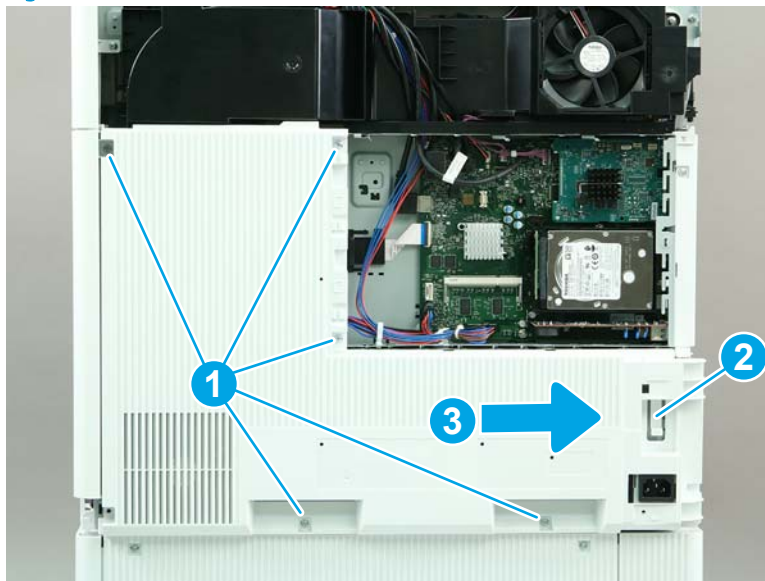
**Figure 1-1647** Remove the rear upper and left rear upper cover



- 7. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

**Figure 1-1648** Remove the rear cover (M856/E85055/M776)



- 8. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1649 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1650 Remove one screw





- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1651 Slide the control panel back



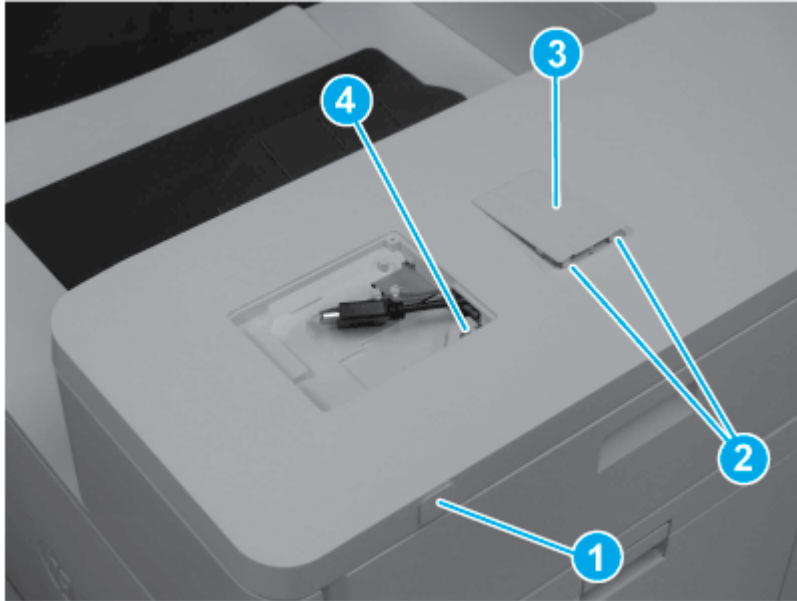
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-1652 Disconnect two connectors



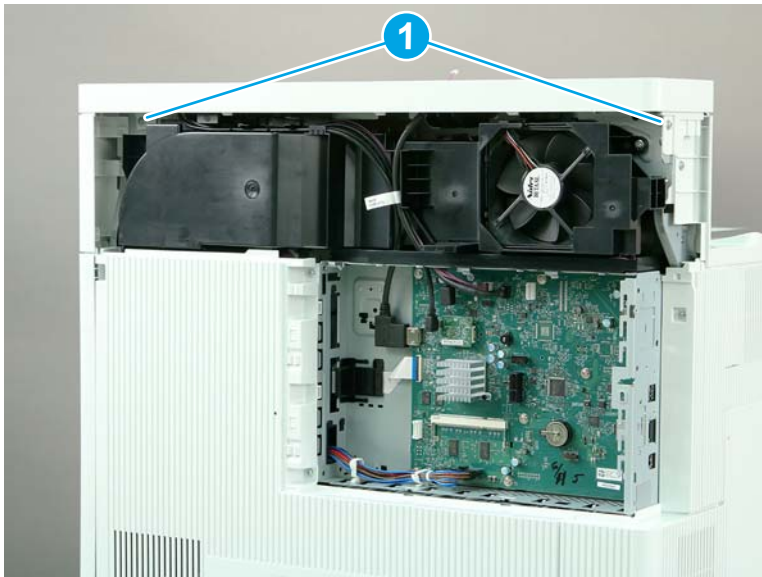
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-1653 Remove covers and one screw



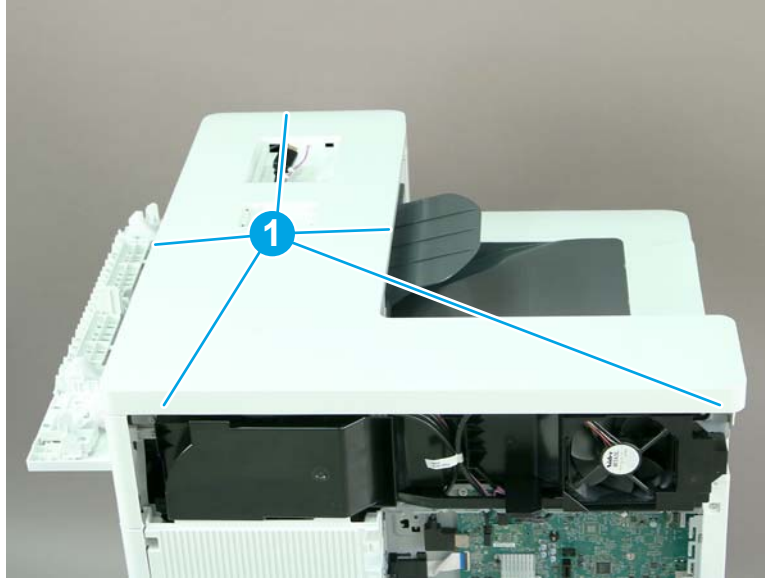
- f. Remove two screws (callout 1).

Figure 1-1654 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-1655 Release five tabs



- 9. Remove the DC controller.
  - a. Lift the latch to release the flat cable (callout 1), and then disconnect all of the remaining connectors on the DC controller.


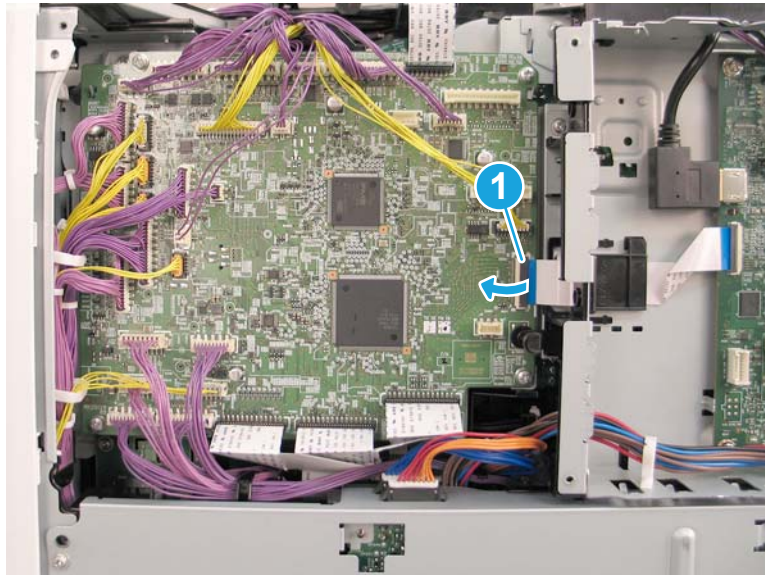
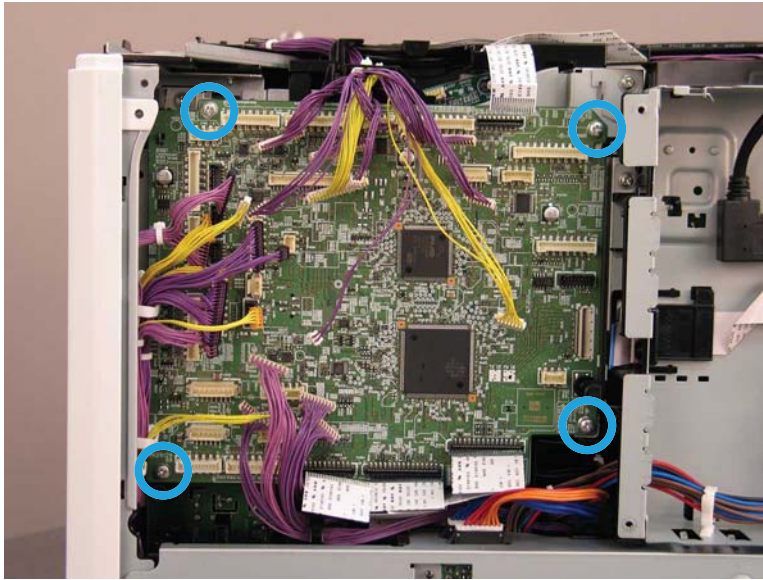
 **NOTE:** The figures below show the M856/E85055 DC controller. The procedure is correct for all referenced models.

Figure 1-1656 Disconnect all of the connectors



- b. Remove four screws, and then remove the DC controller.

Figure 1-1657 Remove four screws



10. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

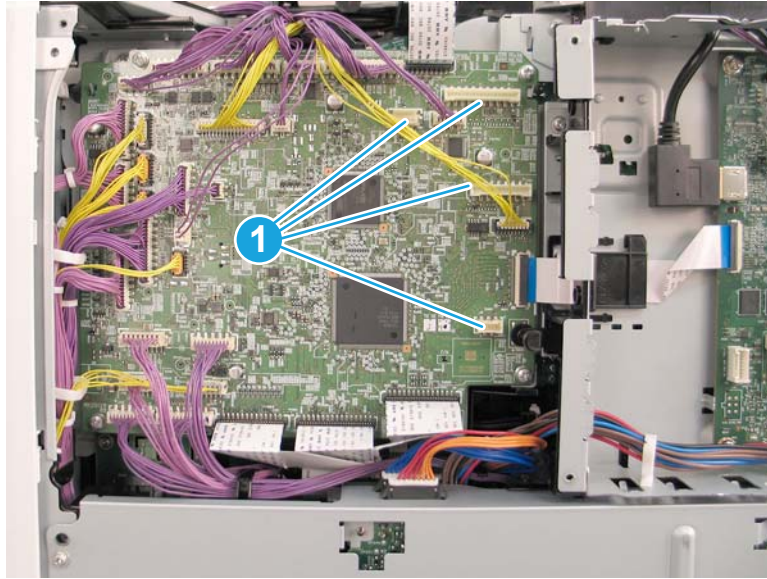
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the DC controller (M856/E85055).

- ▲ **M856/E85055 only:** When installing the DC controller, note four connectors (callout 1) that remain empty.

Figure 1-1658 DC controller empty connectors

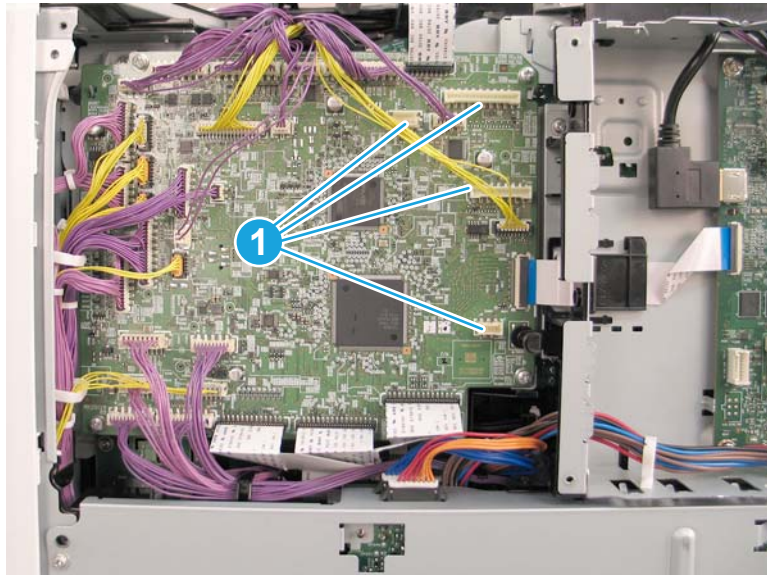


12. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the DC controller.

- ▲ When installing the DC controller, note four connectors (callout 1) that remain empty.

Figure 1-1659 DC controller empty connectors



### Removal and replacement: Low-voltage power supply (M751/E75245)

Learn how to remove and replace the low-voltage power supply (LVPS).

 [View a video of how to remove and replace the low-voltage power supply.](#)


Mean time to repair: 13 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-88** Part information

Part number	Part description
RM2-1445-000CN	Low-voltage power supply assembly (110-127V)
RM2-1453-000CN	Low-voltage power supply assembly (220-240V)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

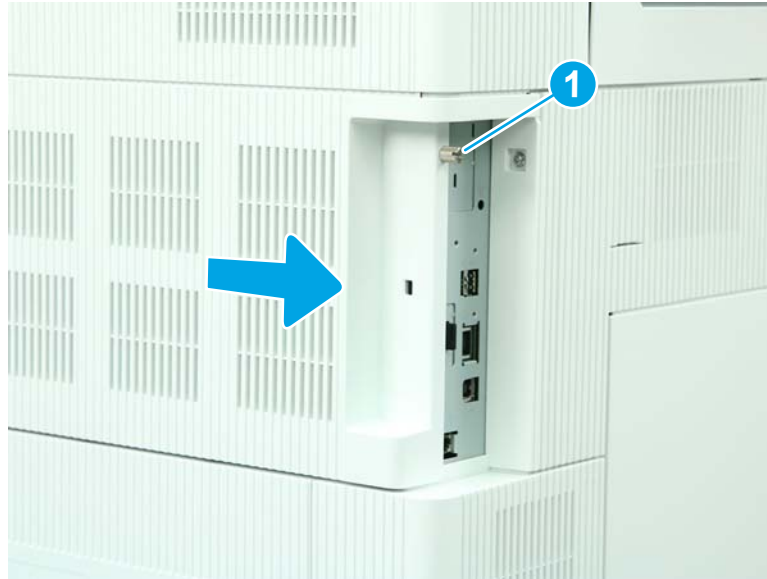
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

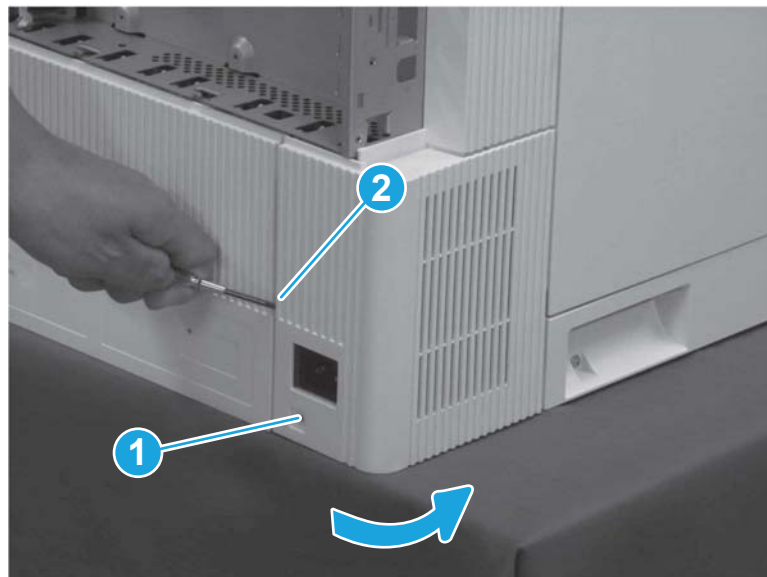
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1660 Remove the formatter cover



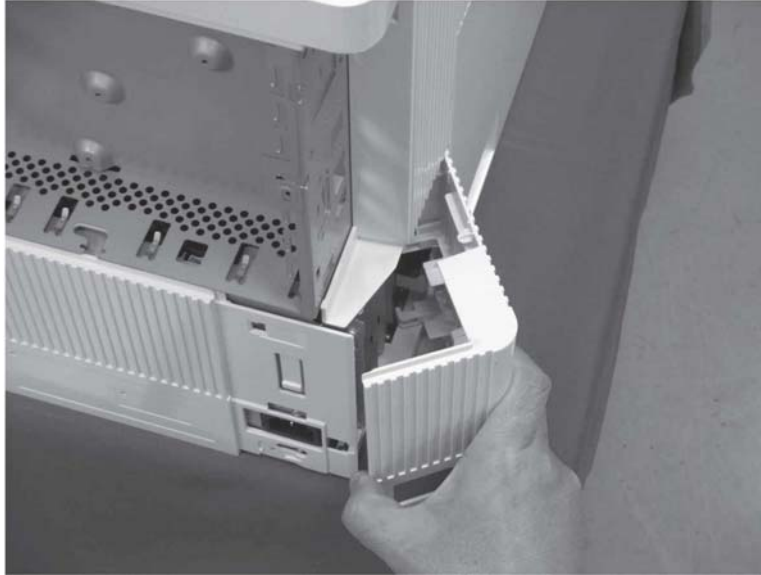
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1661 Remove one screw and release one tab



- b. Remove the left lower cover.

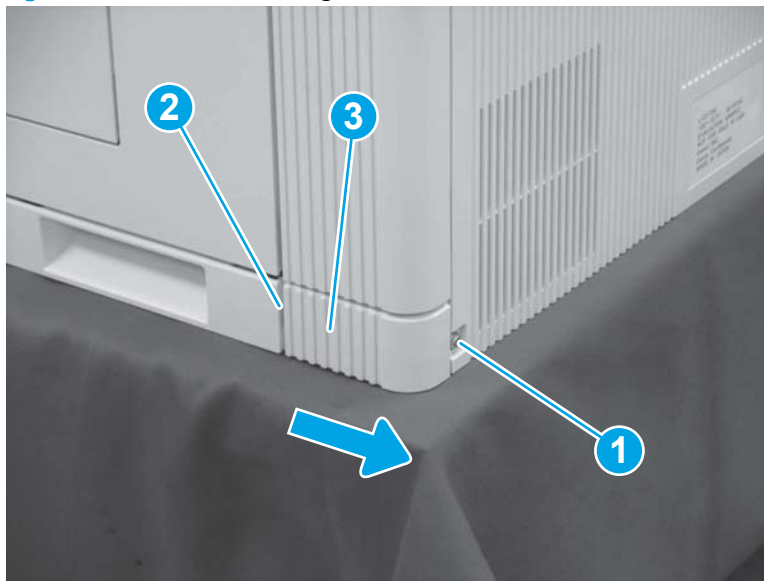
Figure 1-1662 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1663 Remove the right rear lower cover

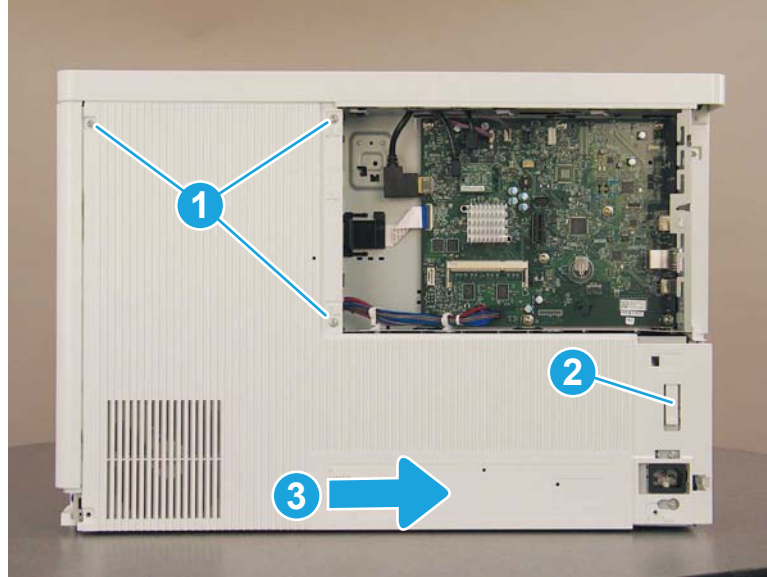


4. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

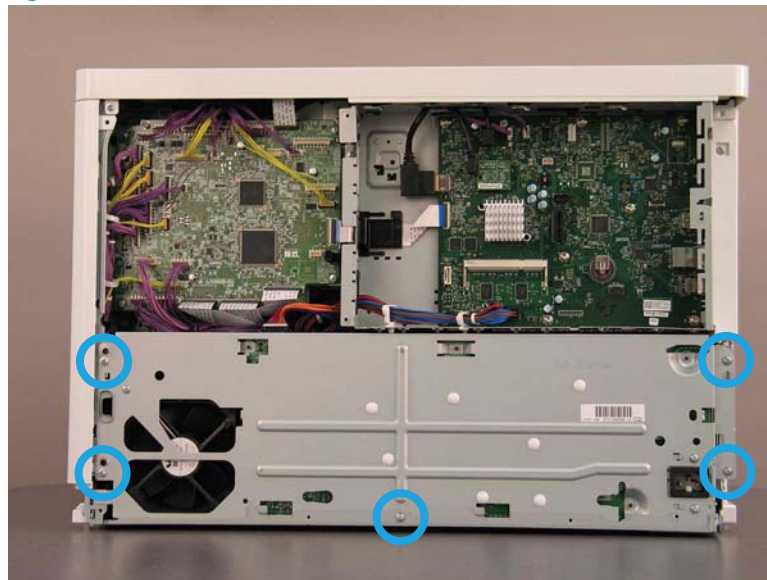


Figure 1-1664 Remove the rear cover



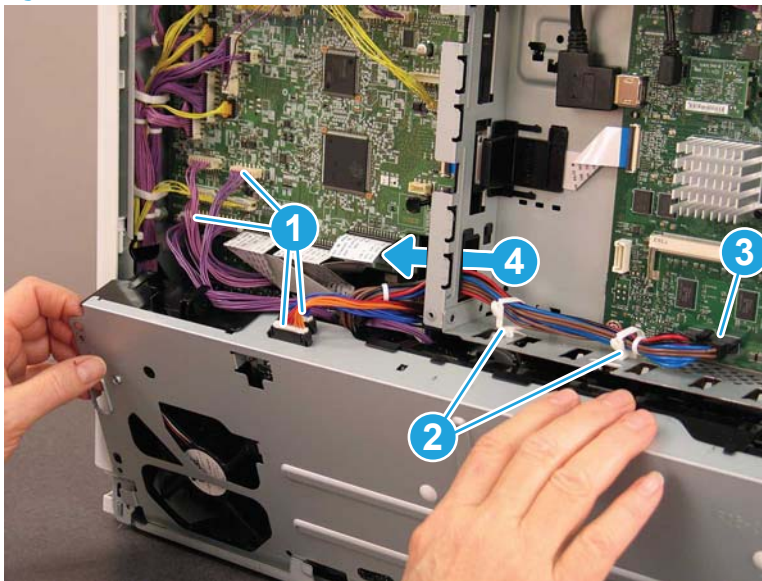
5. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-1665 Remove five screws



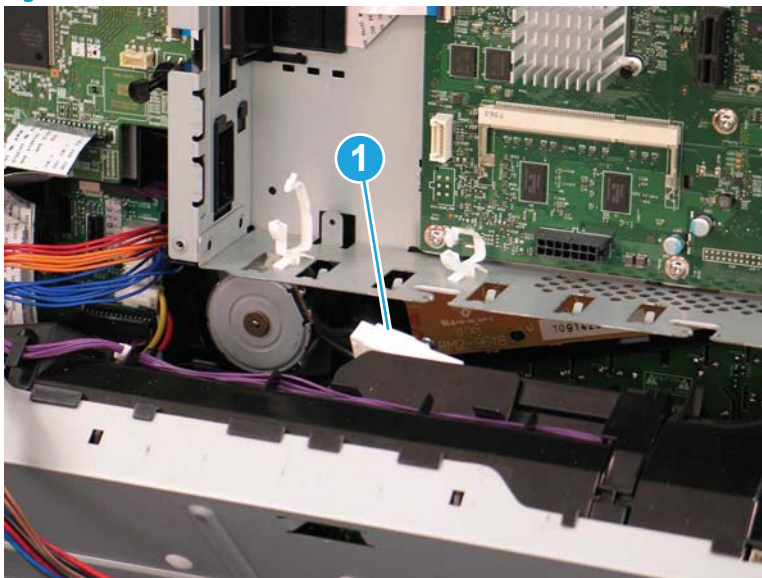
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-1666 Disconnect five connectors




- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

Figure 1-1667 Remove the LVPS






6. Unpack the replacement assembly.
  - a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Low-voltage power supply (LVPS) (M856/E85055/M776)

Learn how to remove and replace the low-voltage power supply (LVPS).

 [View a video of how to remove and replace the low-voltage power supply.](#)


Mean time to repair: 15 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-89 Part information

Part number	Part description
RM2-2473-000CN	Low voltage power supply assembly (110V)
RM2-2474-000CN	Low voltage power supply assembly (220V)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

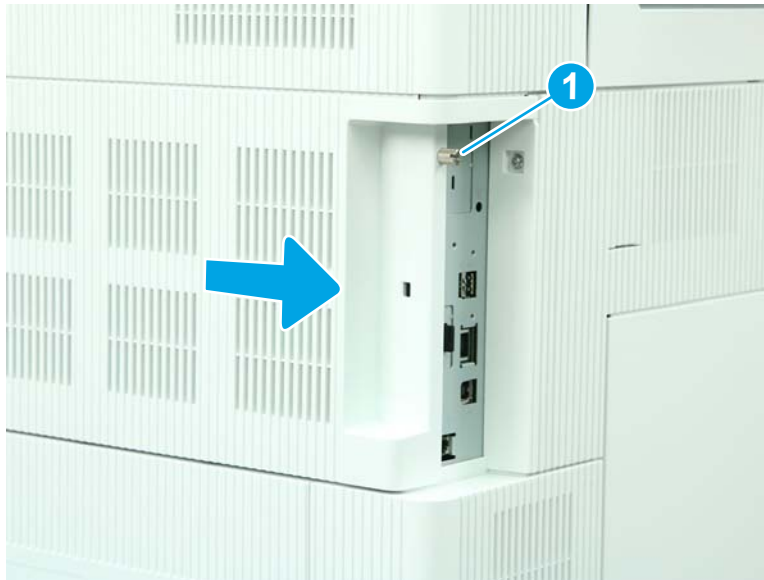
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

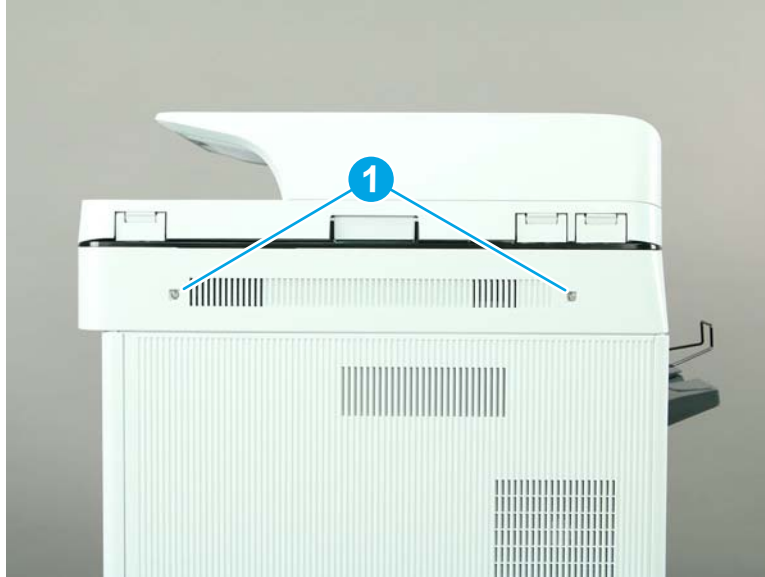
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1668 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1669 Remove two screws



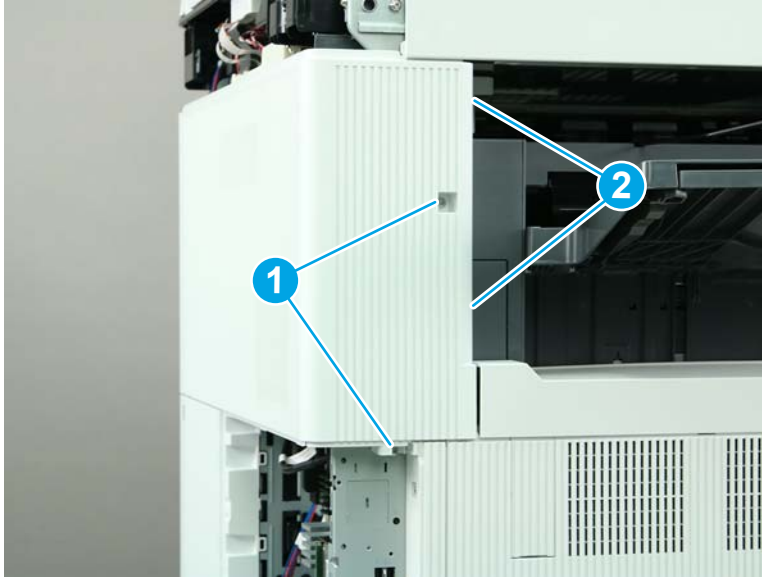
- b. Remove the SCB cover.

Figure 1-1670 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1671 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-1672 Remove the rear upper and left rear upper cover



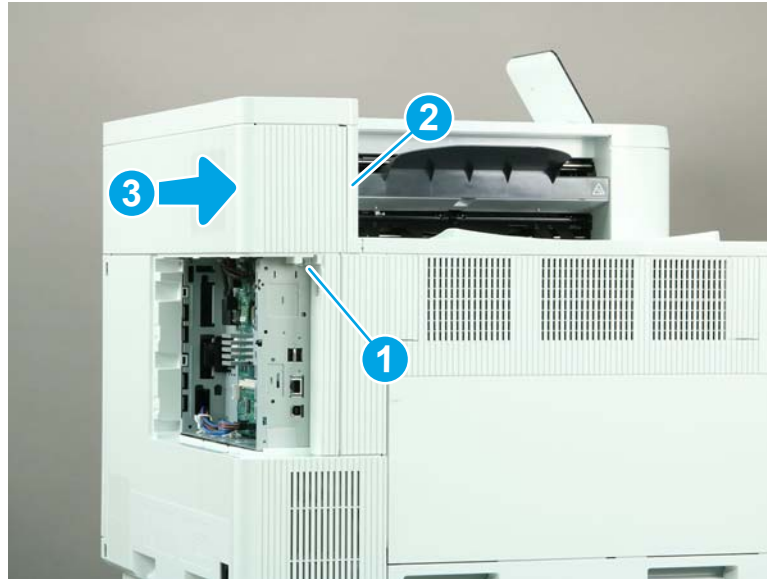
- 4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

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 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

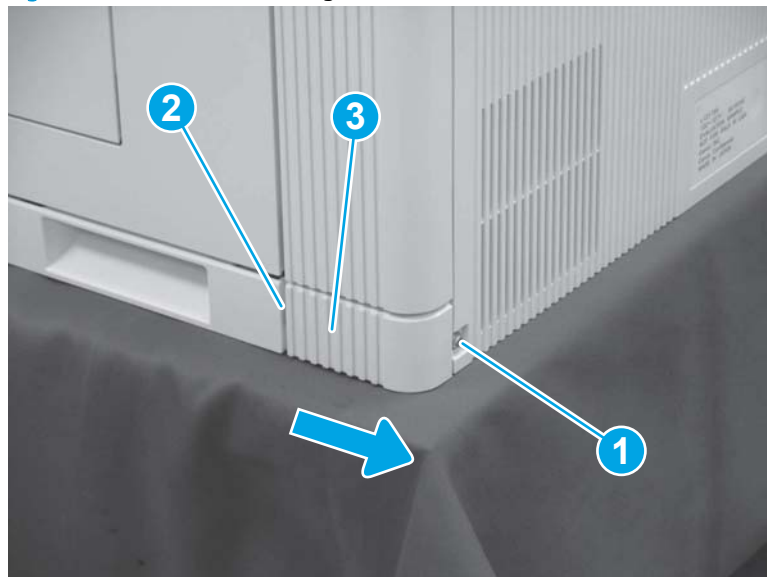
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-1673 Remove the rear upper cover



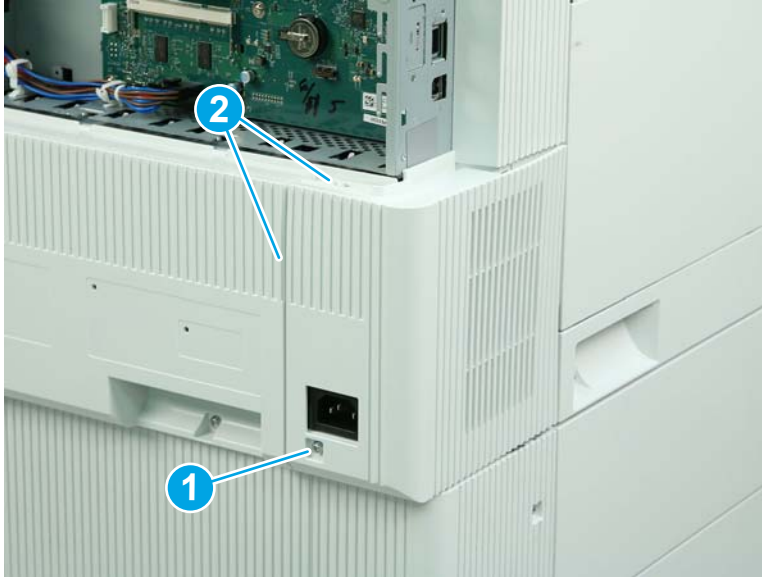
5. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1674 Remove the right rear lower cover



6. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1675 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

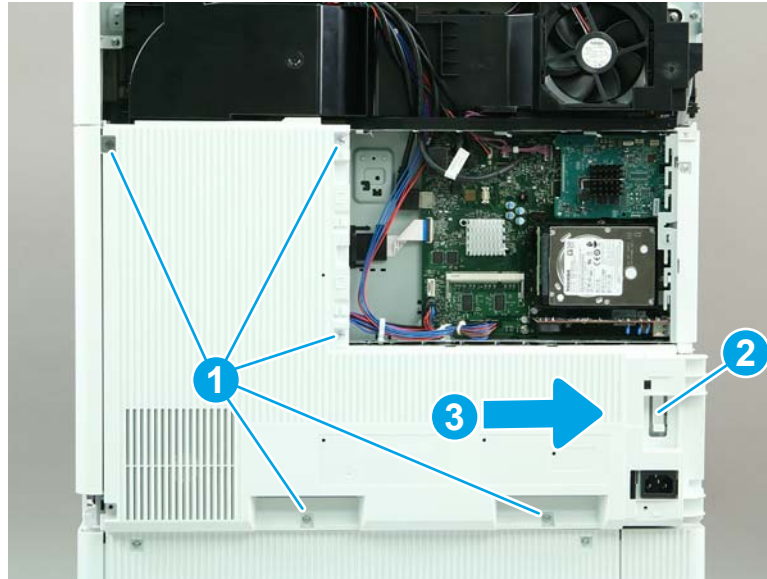
Figure 1-1676 Remove the left lower cover



- 7. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

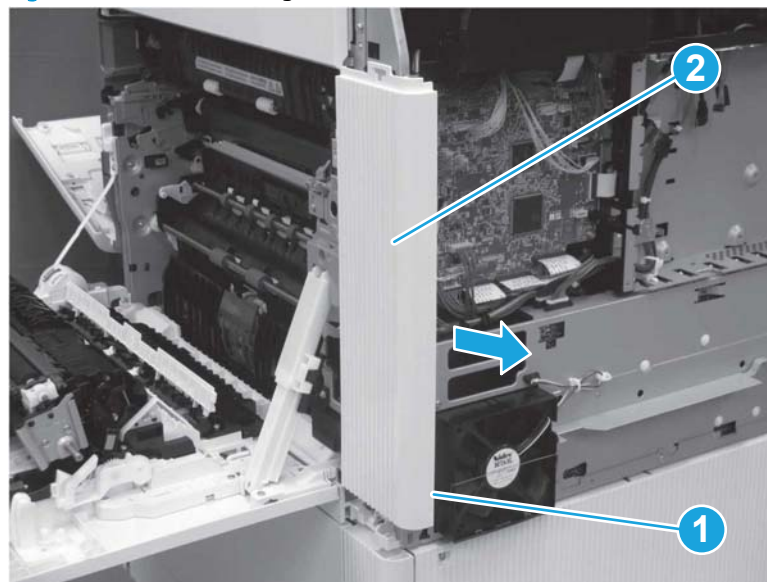


Figure 1-1677 Remove the rear cover (M856/E85055/M776)



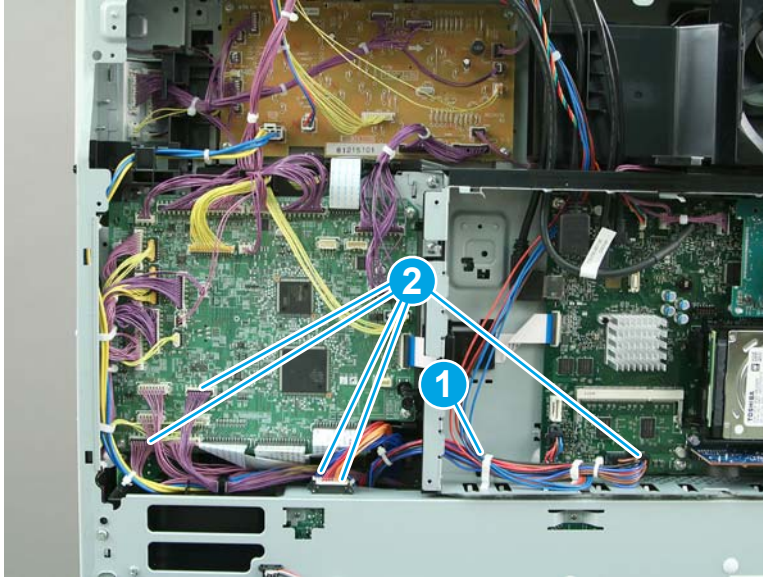
8. Remove the right rear cover (M856/E85055/M776).
  - ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

Figure 1-1678 Remove right rear cover



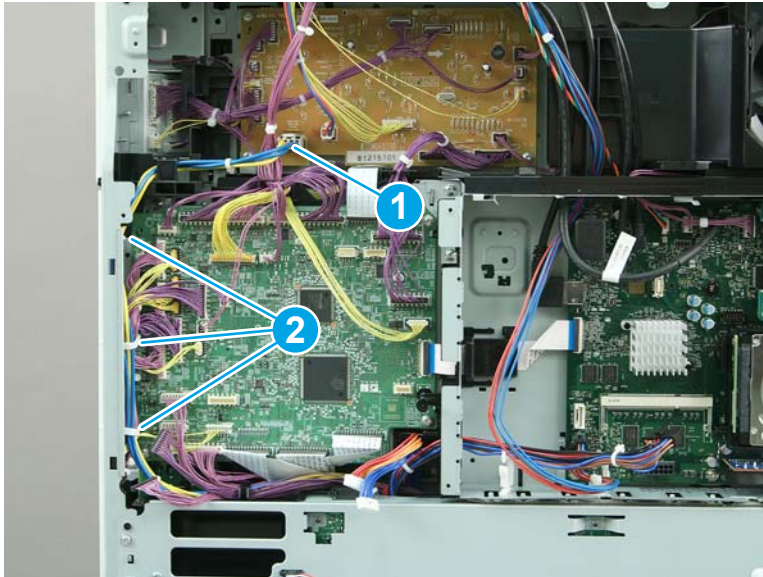
9. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-1679 Release the retainer and disconnect five connectors



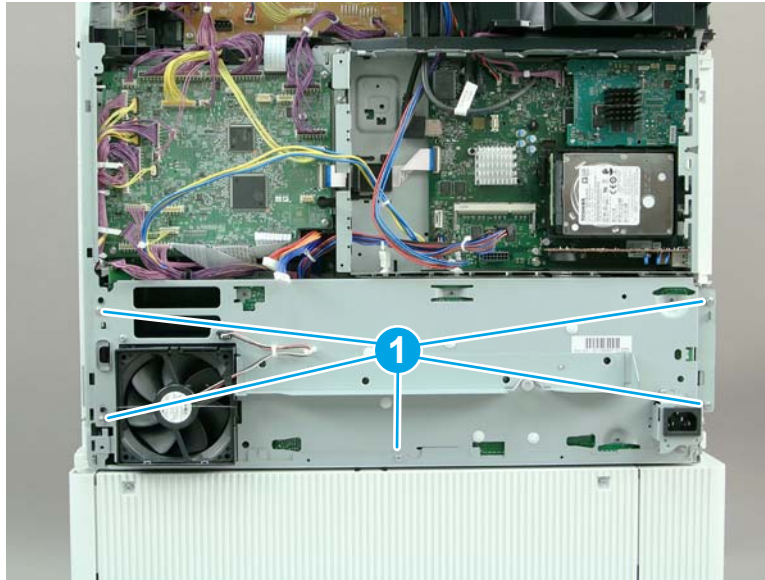
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-1680 Disconnect one connector and release five retainers



- c. Remove five screws (callout 1).

Figure 1-1681 Remove five screws

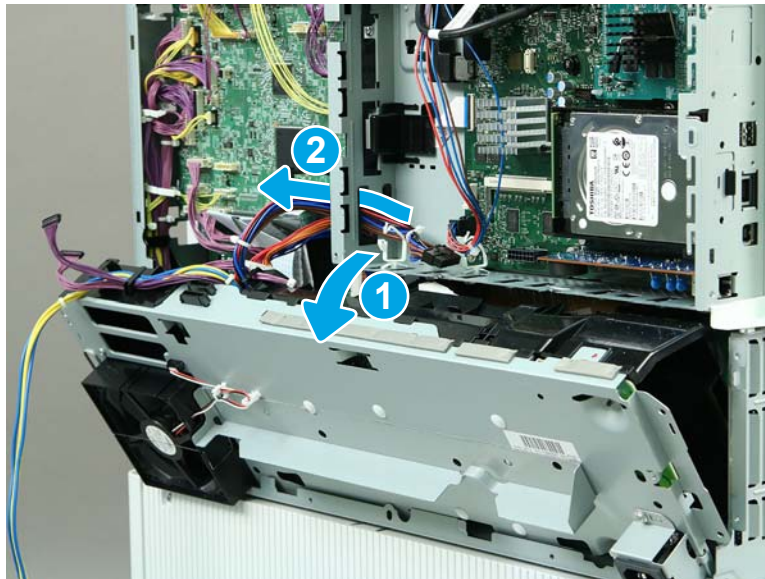


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

**NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

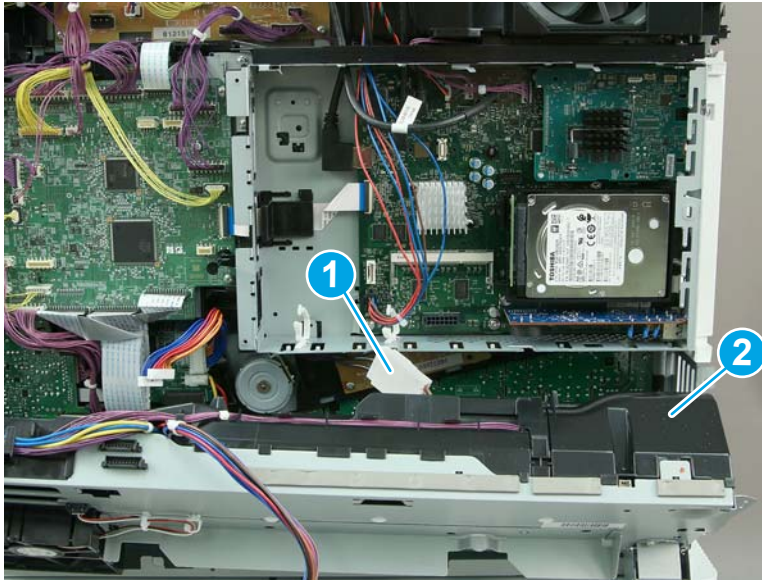
**CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-1682 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

**Figure 1-1683** Remove the LVPS





10. Unpack the replacement assembly.


- a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Lower high-voltage power supply (M751/E75245)

Learn how to remove and replace the lower high-voltage power supply (lower HVPS).

 [View a video of how to remove and replace the lower HVPS.](#)

Mean time to repair: 16 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-90 Part information**

Part number	Part description
RM2-9624-000CN	Lower high-voltage power supply PCB assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

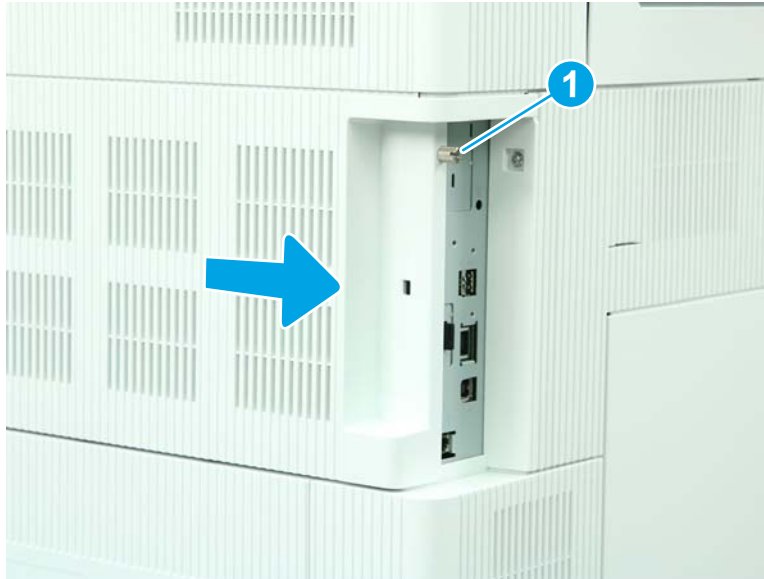
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

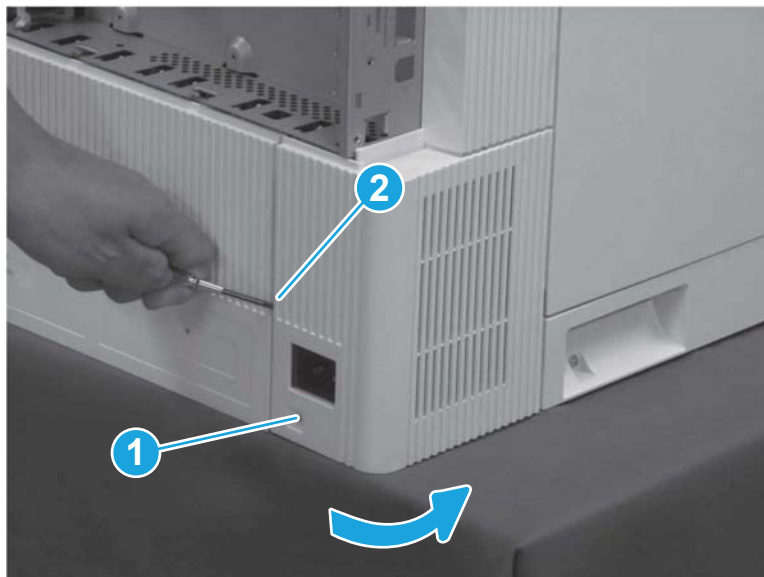
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1684 Remove the formatter cover



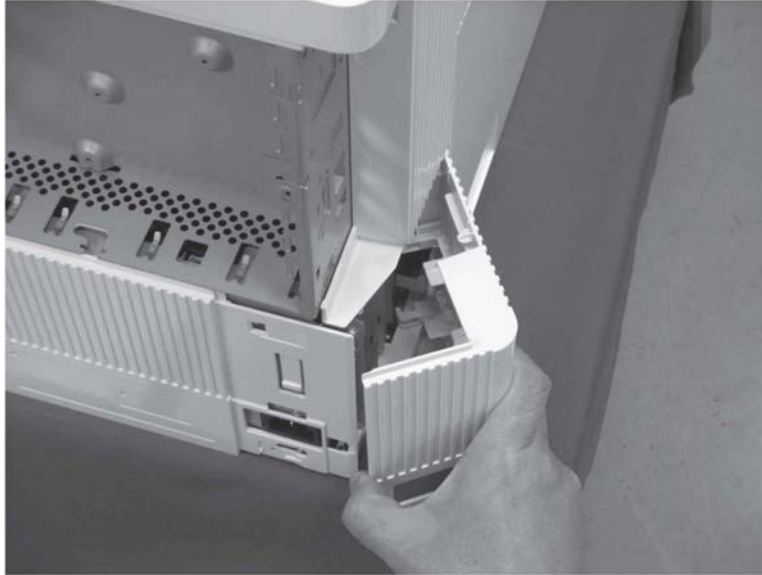
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1685 Remove one screw and release one tab



- b. Remove the left lower cover.

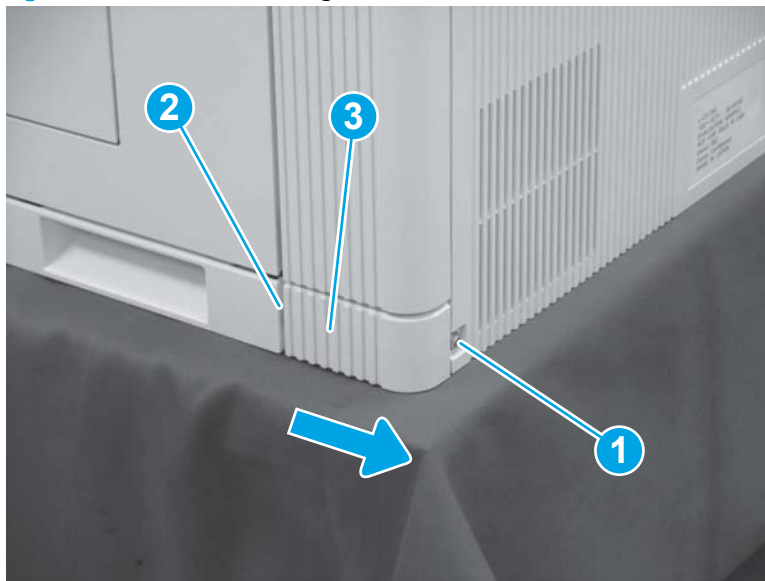
**Figure 1-1686** Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

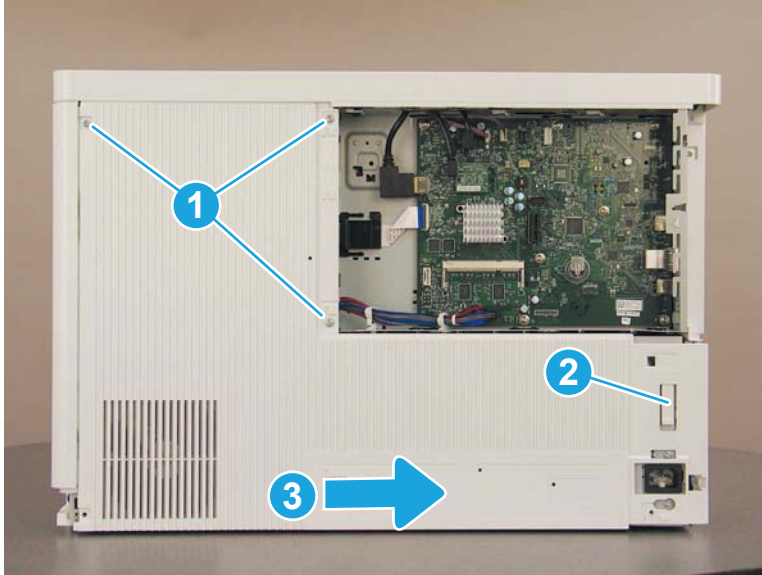
**Figure 1-1687** Remove the right rear lower cover



4. Remove the rear cover (M751/E75245).

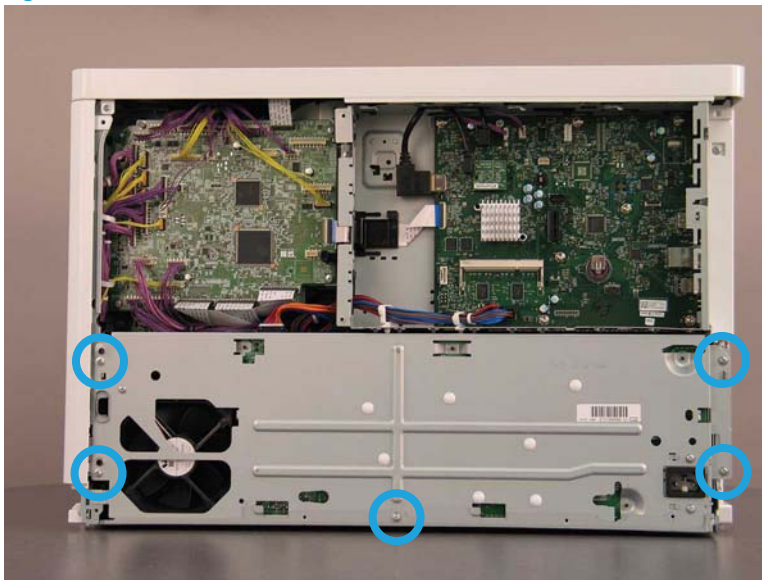
- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1688 Remove the rear cover



5. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

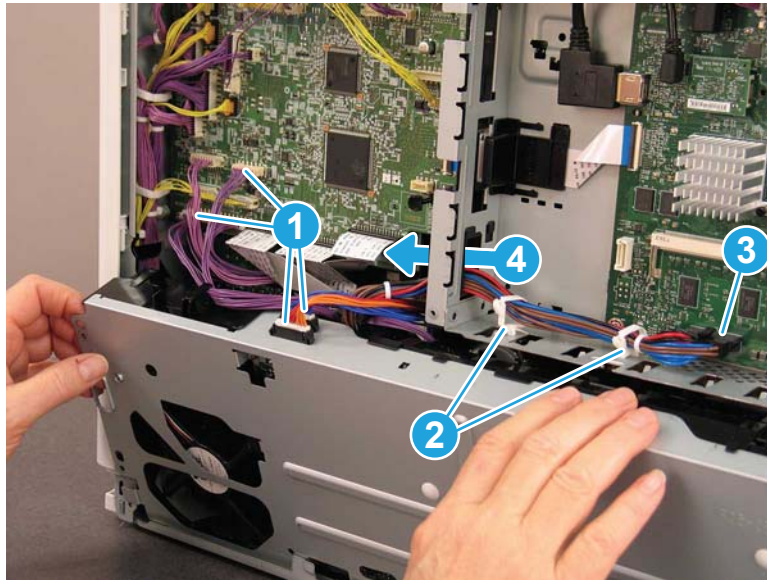
Figure 1-1689 Remove five screws





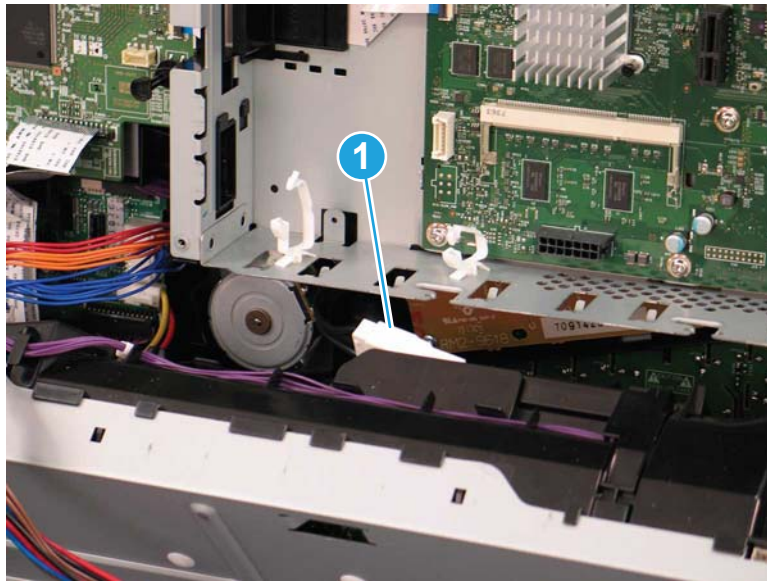
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-1690 Disconnect five connectors



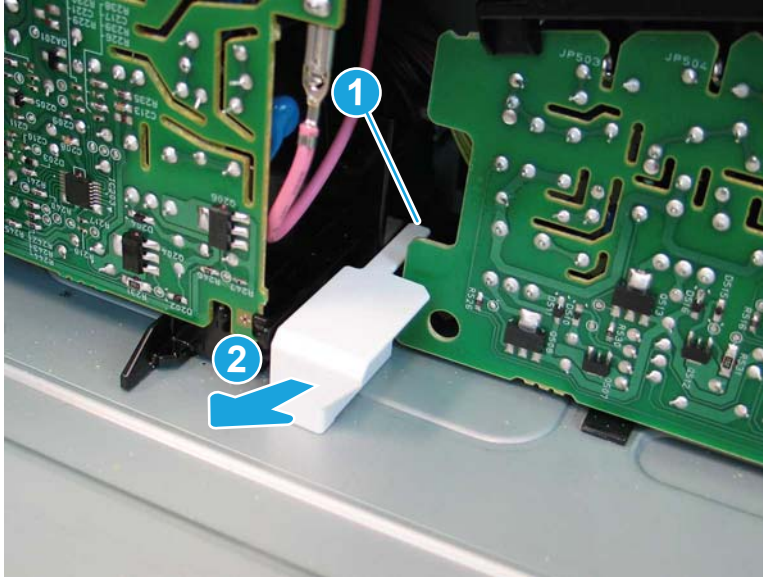
- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

Figure 1-1691 Remove the LVPS



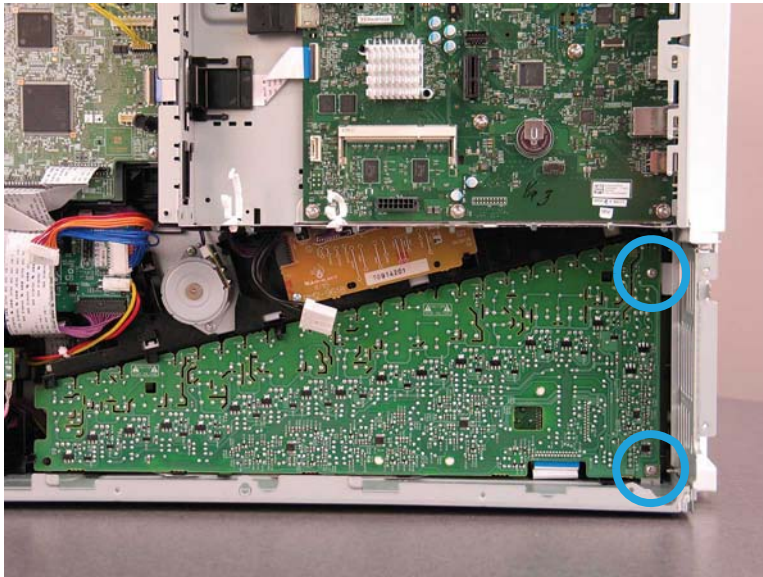
- 6. Remove the lower high-voltage power supply (lower HVPS).
  - a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-1692 Remove the stopper



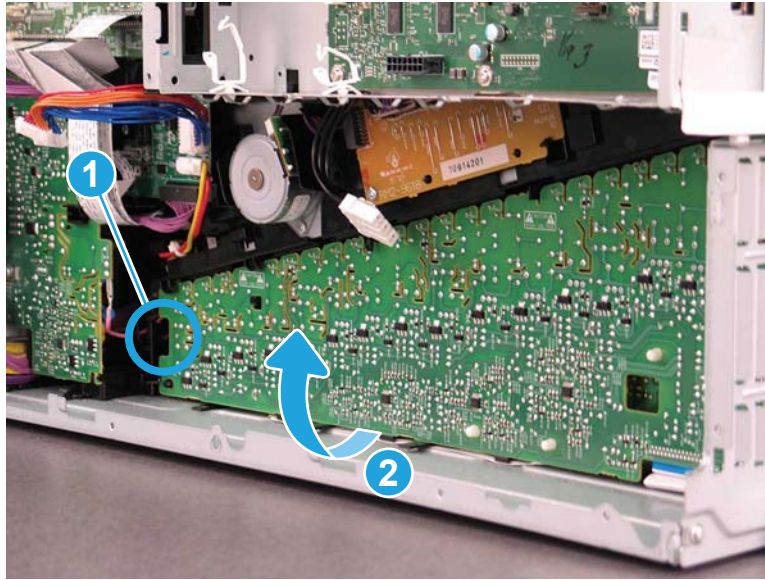
- b. Remove two screws (callout 1).

Figure 1-1693 Remove two screws



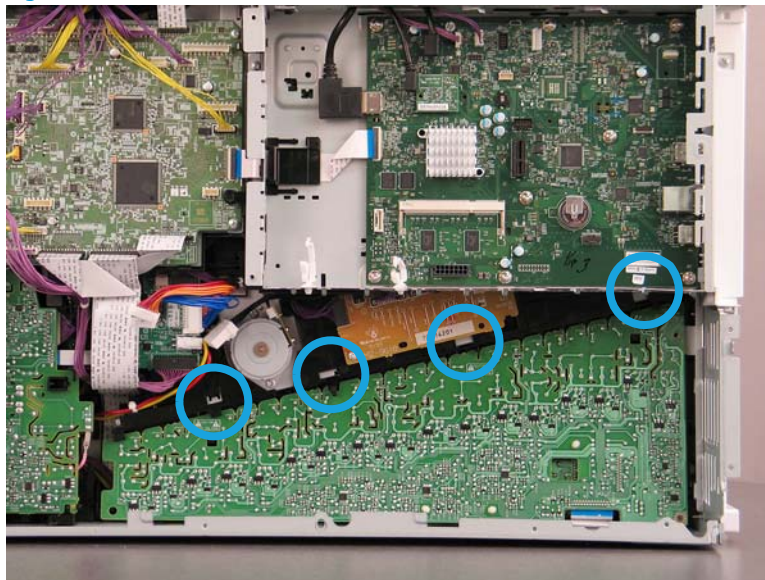
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-1694 Release the lower edge of the lower HVPS



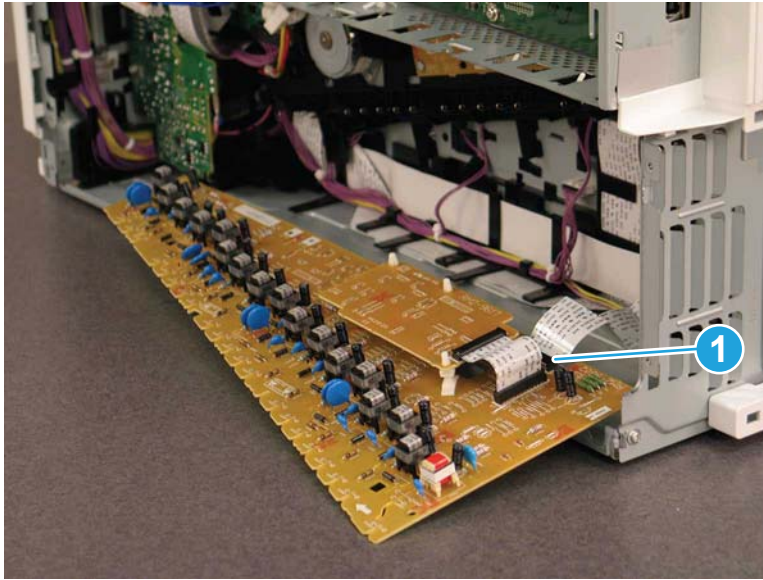
- d. Release the lower HVPS from four tabs.

Figure 1-1695 Release four tabs



- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

Figure 1-1696 Disconnect one flat cable



7. Unpack the replacement assembly.

- a. Dispose of the defective part.

---



 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

---

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

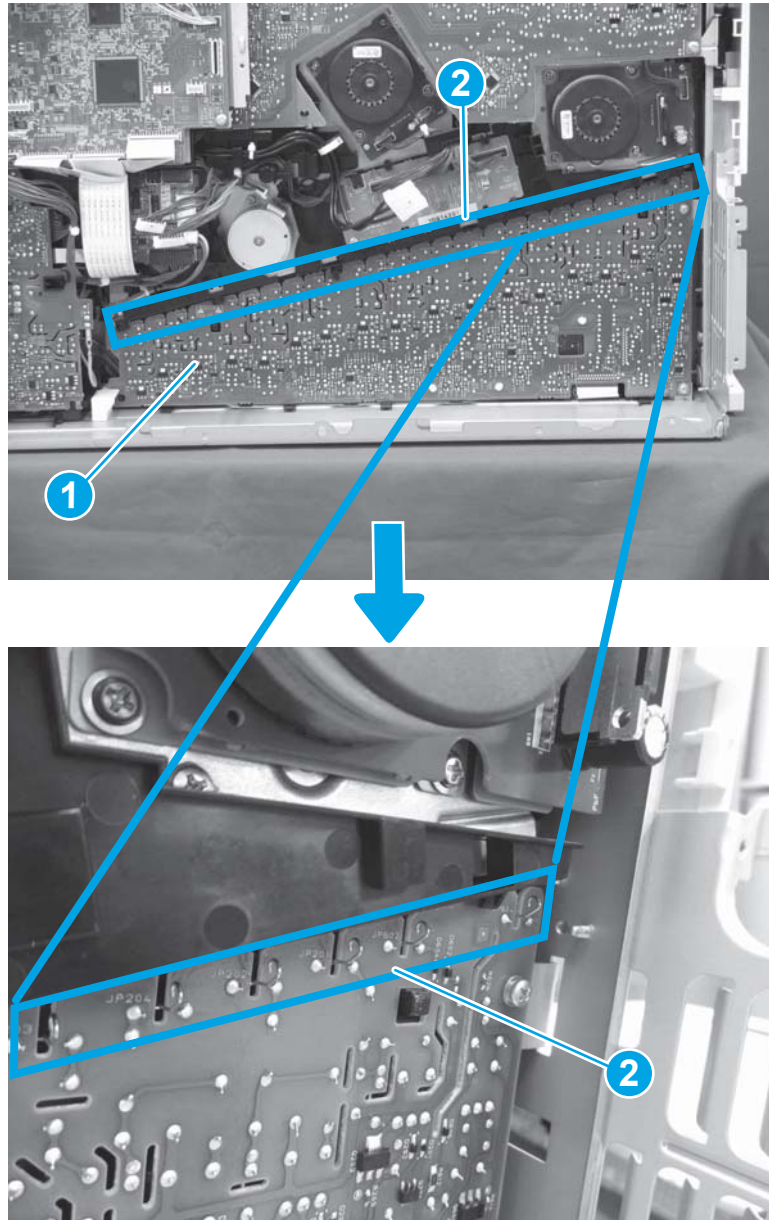
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

8. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the lower HVPS

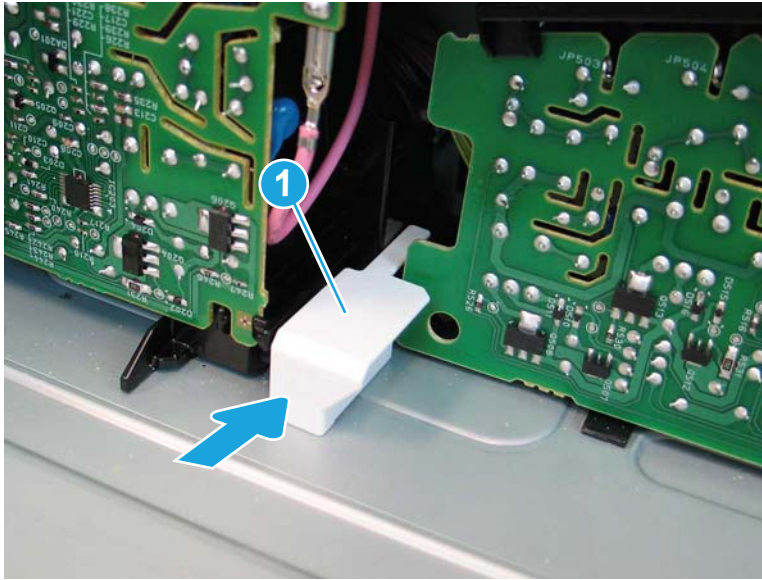
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-1697 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

Figure 1-1698 Install the stopper



### Removal and replacement: Lower high-voltage power supply (M856/E85055/M776)

Learn how to remove and replace the lower high-voltage power supply (lower HVPS).

 [View a video of how to remove and replace the lower HVPS.](#)


Mean time to repair: 16 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-91 Part information

Part number	Part description
RM2-9624-000CN	Lower high-voltage power supply PCB assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

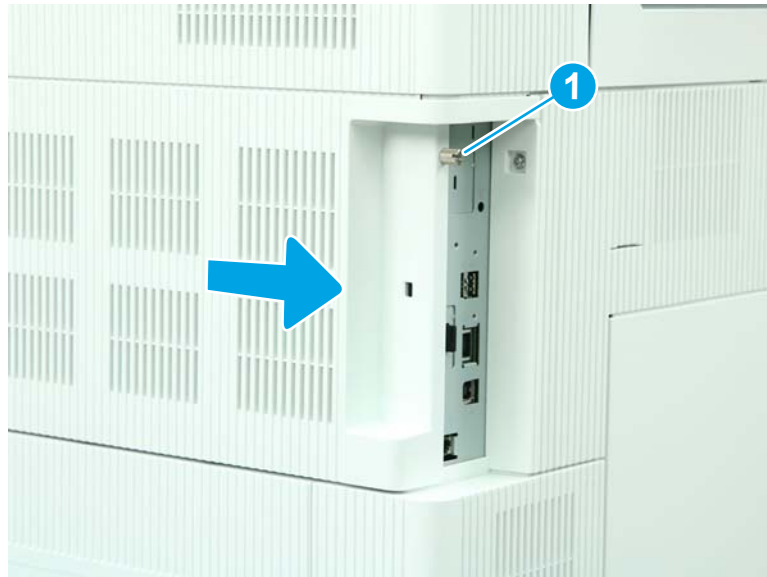
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

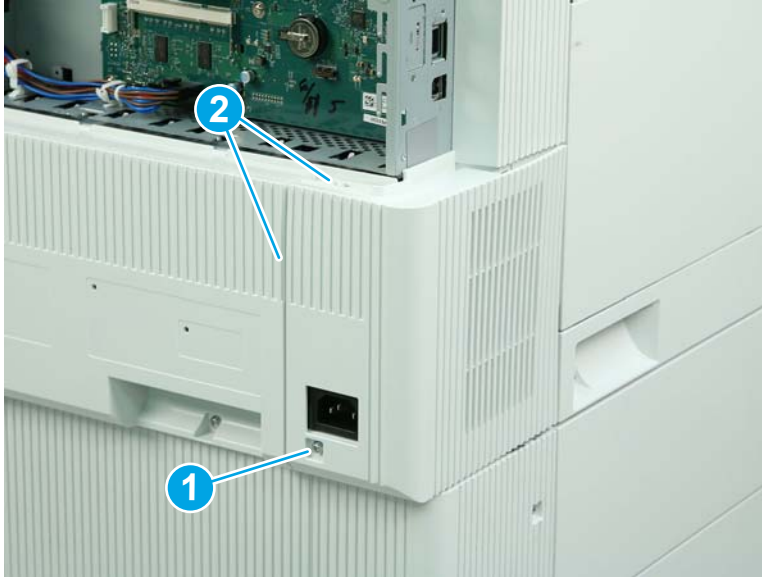
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1699** Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1700 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

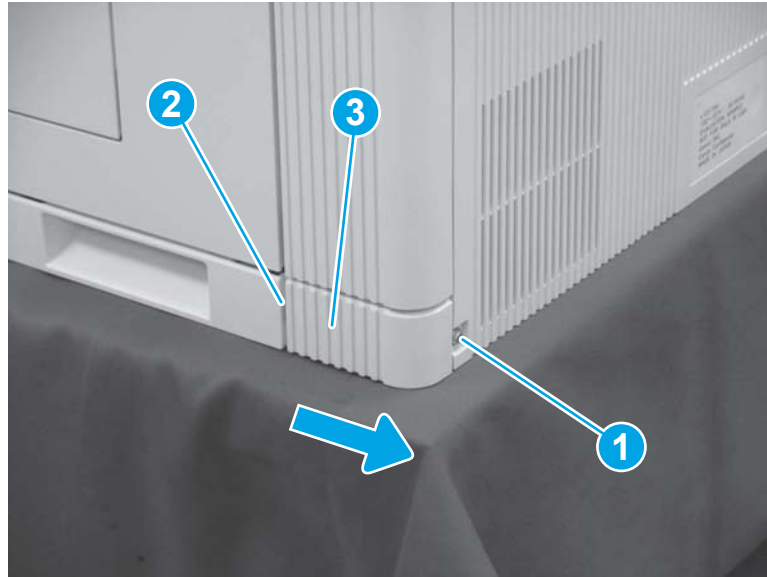
Figure 1-1701 Remove the left lower cover



- 3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

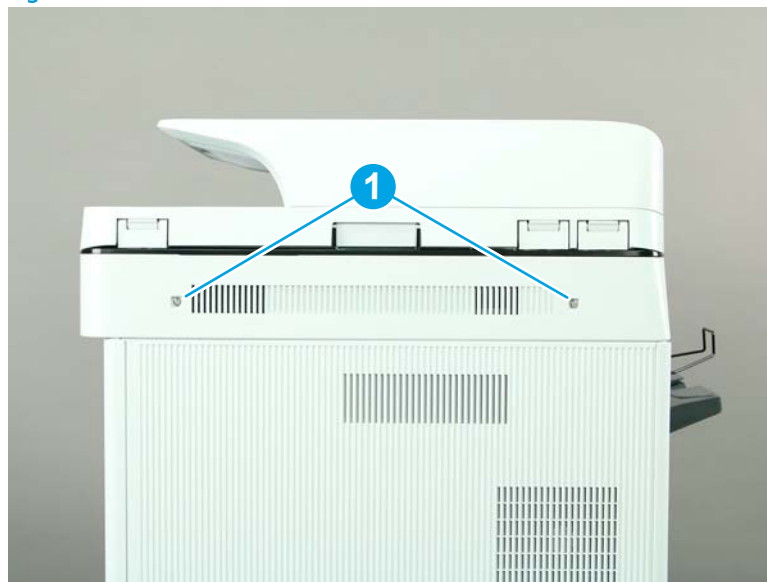


Figure 1-1702 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1703 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1704** Remove the SCB cover

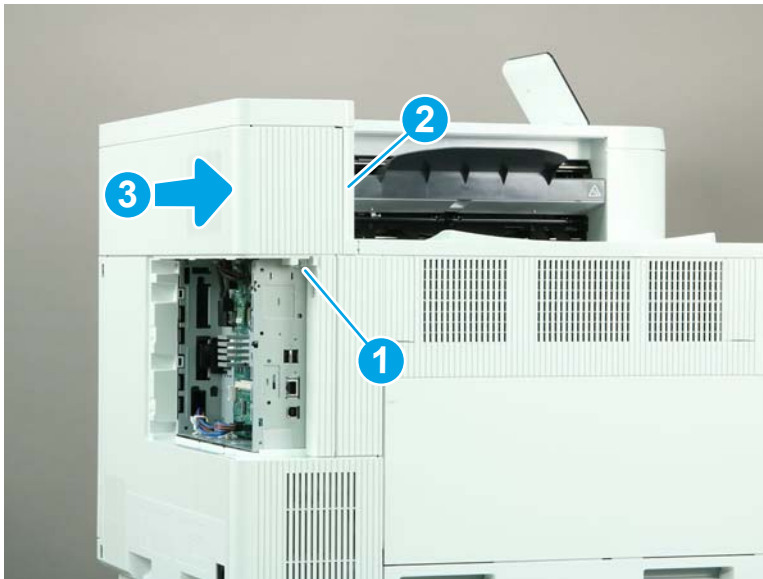


- 5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

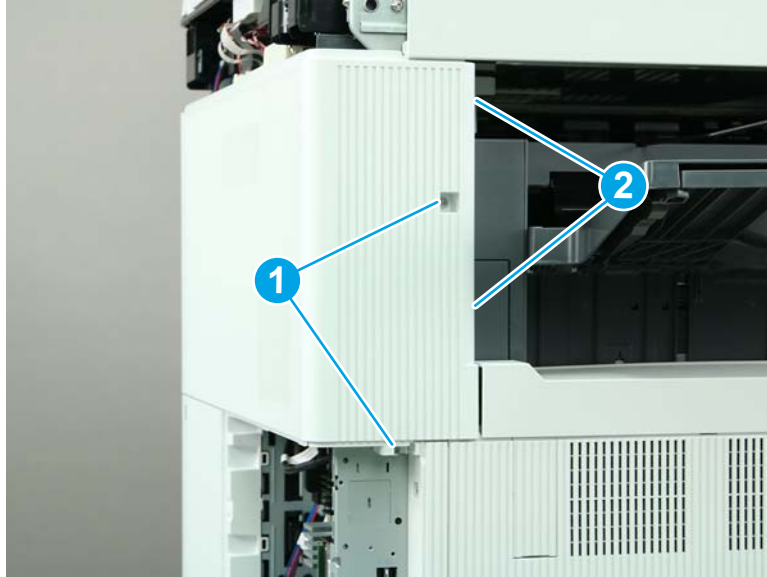
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-1705** Remove the rear upper cover



- 6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1706 Remove two screws and release two tabs



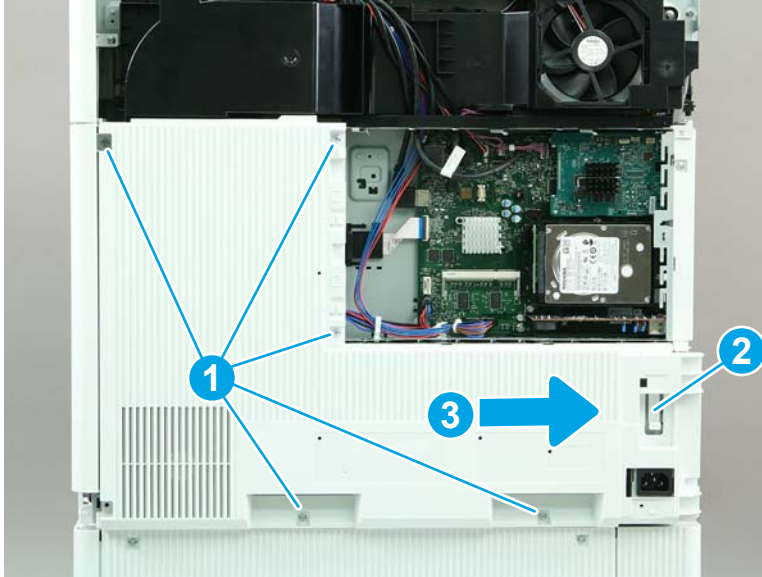
- b. Slide the cover to the right to remove it.

Figure 1-1707 Remove the rear upper and left rear upper cover



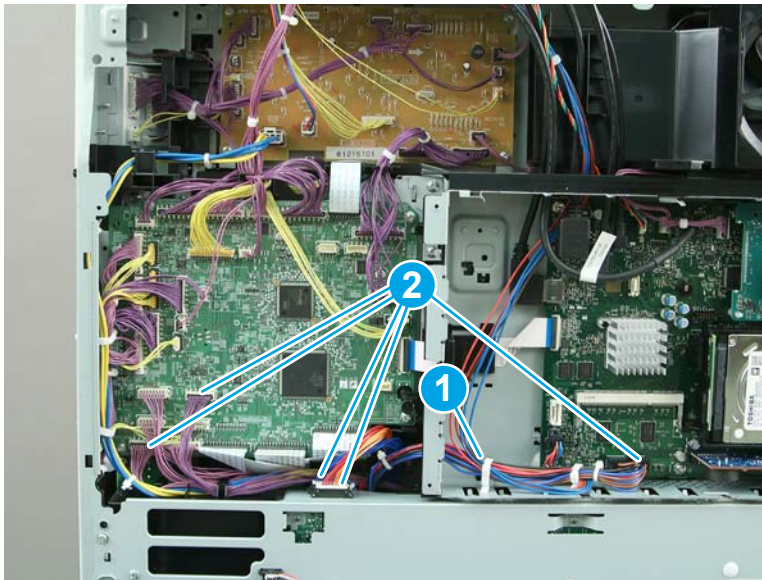
- 7. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1708 Remove the rear cover (M856/E85055/M776)



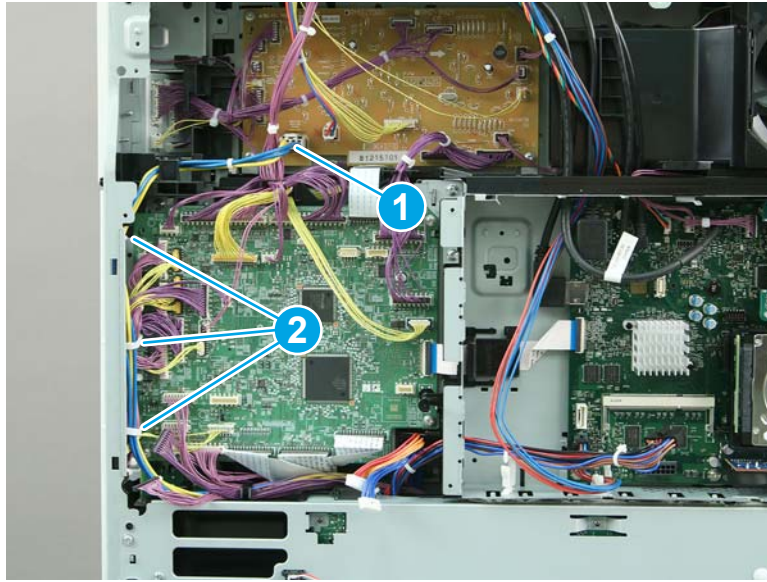
8. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-1709 Release the retainer and disconnect five connectors



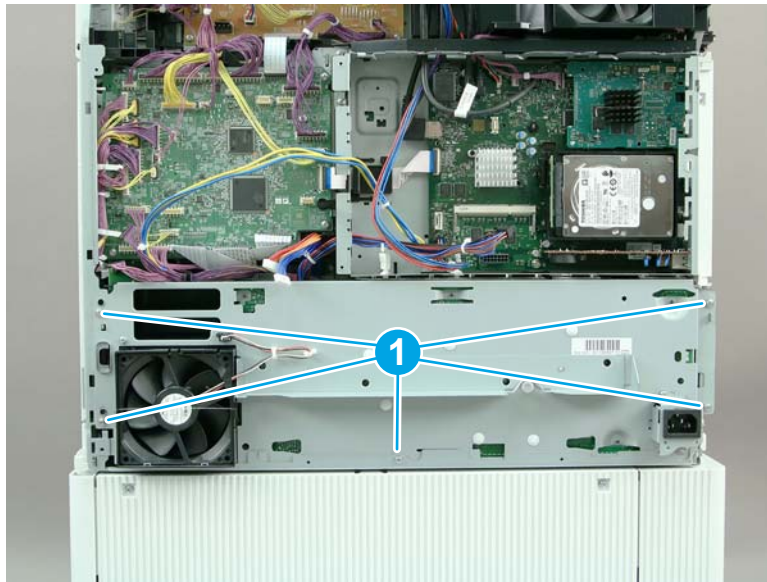
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-1710 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-1711 Remove five screws

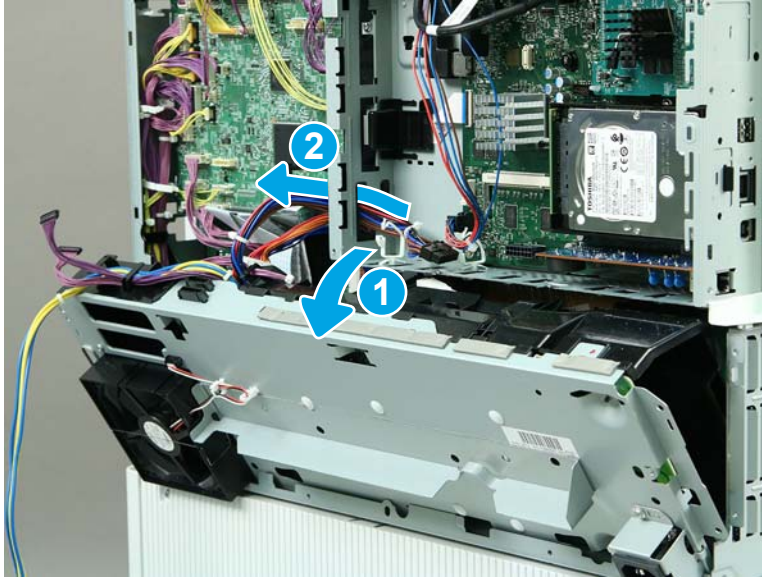


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

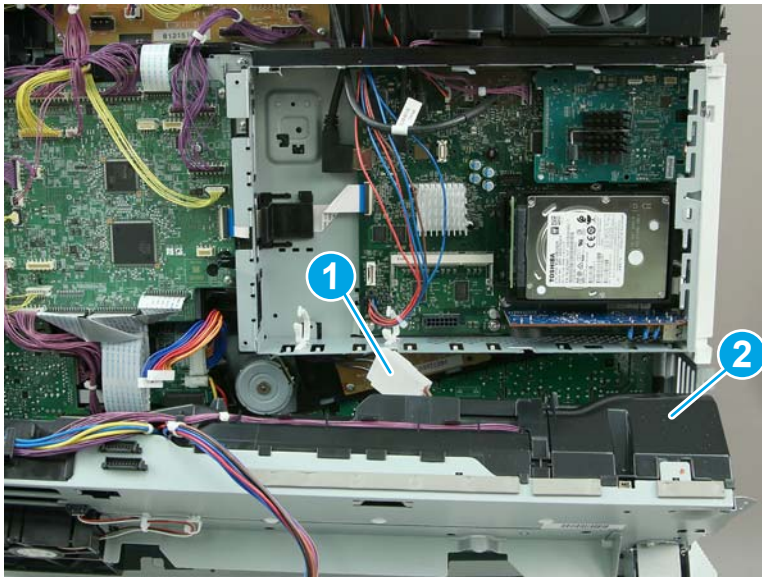
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-1712 Thread the cable



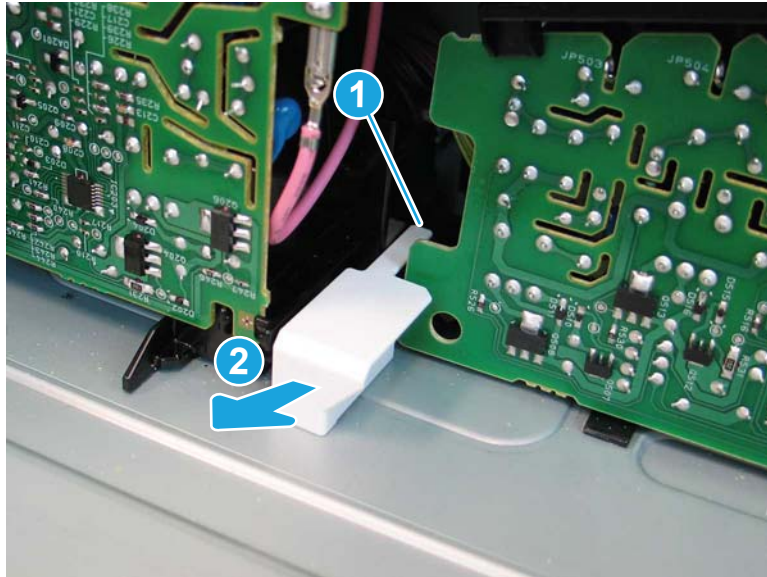
- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

Figure 1-1713 Remove the LVPS



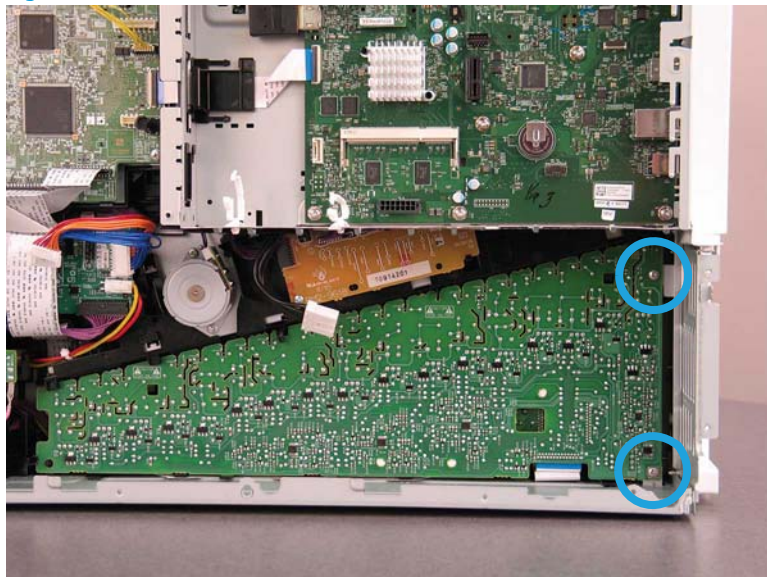
9. Remove the lower high-voltage power supply (lower HVPS).
  - a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-1714 Remove the stopper



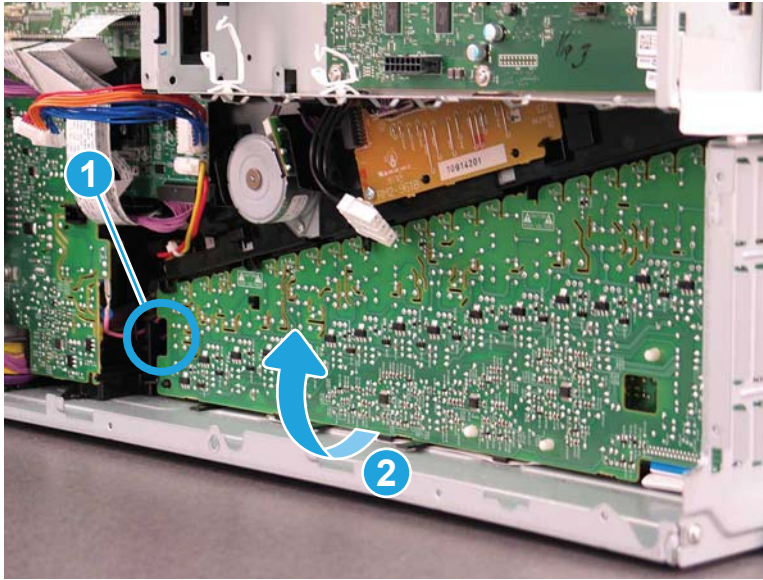
- b. Remove two screws (callout 1).

Figure 1-1715 Remove two screws



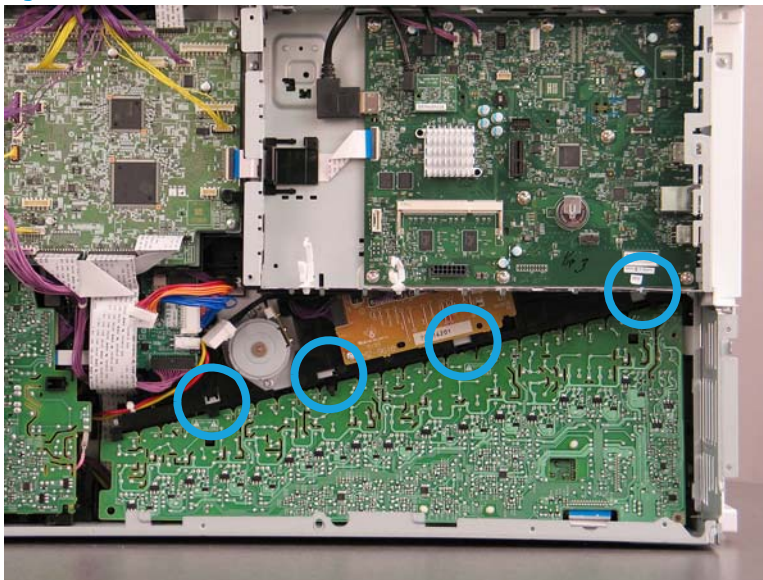
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-1716 Release the lower edge of the lower HVPS



- d. Release the lower HVPS from four tabs.

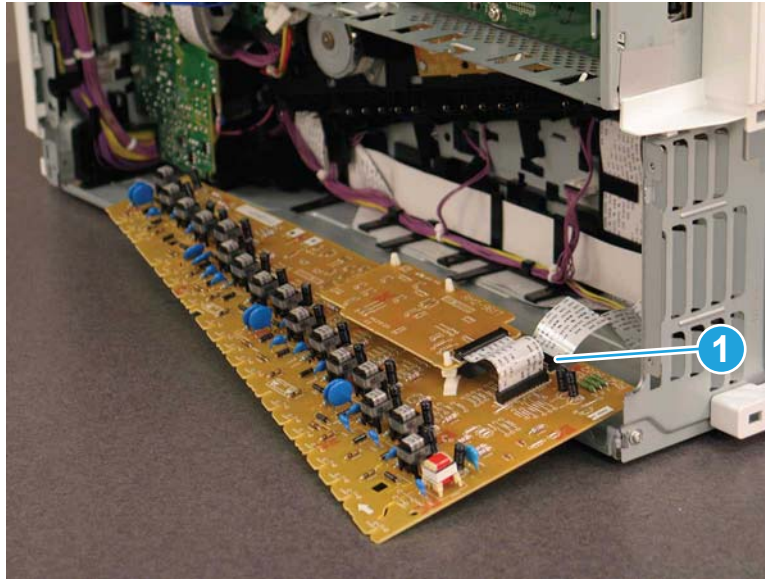
Figure 1-1717 Release four tabs





- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

**Figure 1-1718** Disconnect one flat cable



- 10. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

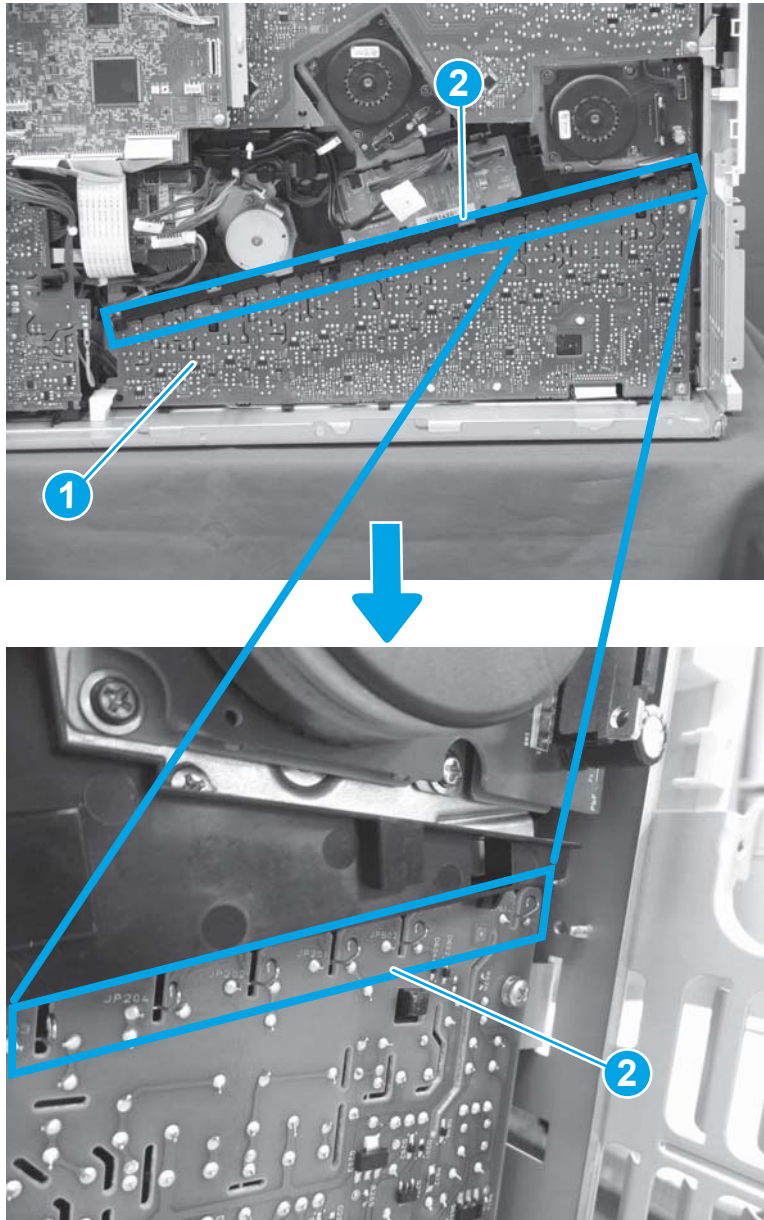
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

- 11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the lower HVPS

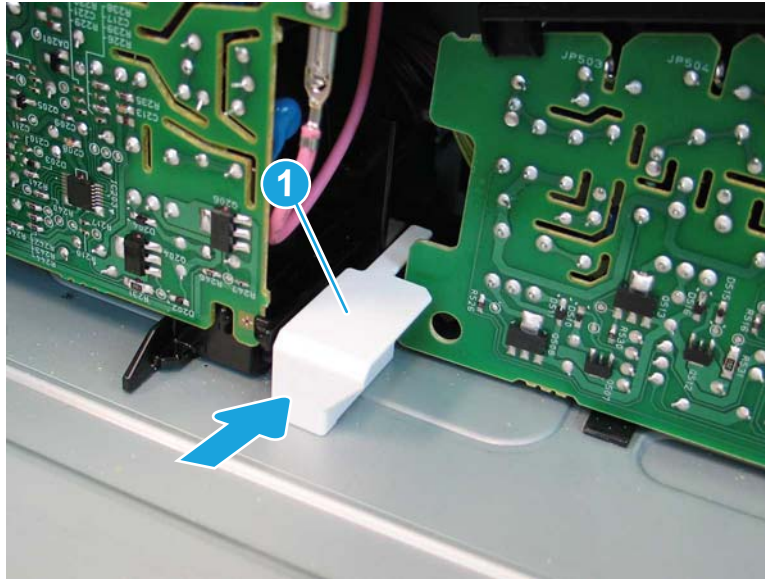
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-1719 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

**Figure 1-1720** Install the stopper



### Removal and replacement: Upper high-voltage power supply (M751/E75245)

Learn how to remove and replace the upper high-voltage power supply (upper HVPS).

 [View a video of how to remove and replace the upper HVPS.](#)


Mean time to repair: 35 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-92** Part information

Part number	Part description
RM2-9601-000CN	Upper high-voltage power supply PCB assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

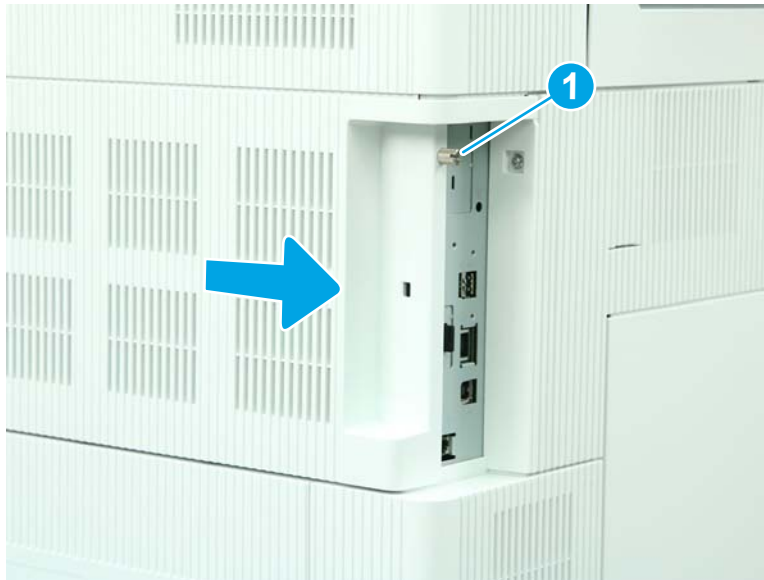
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

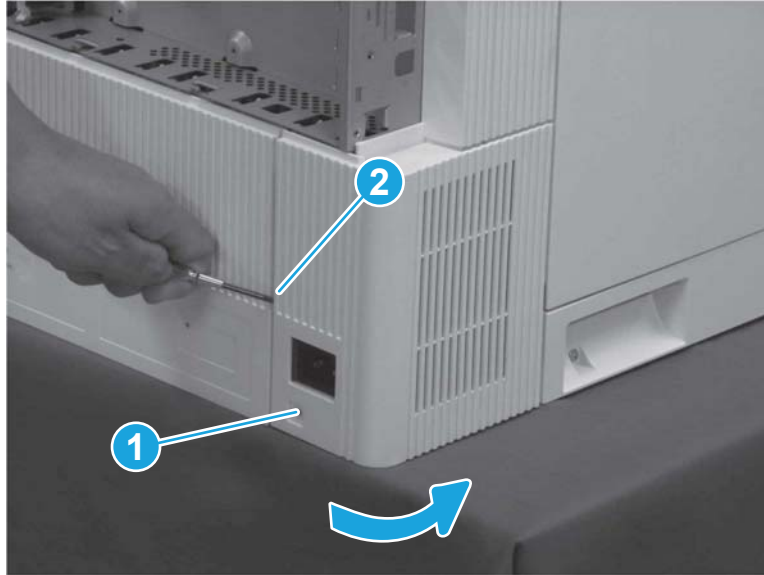
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1721 Remove the formatter cover



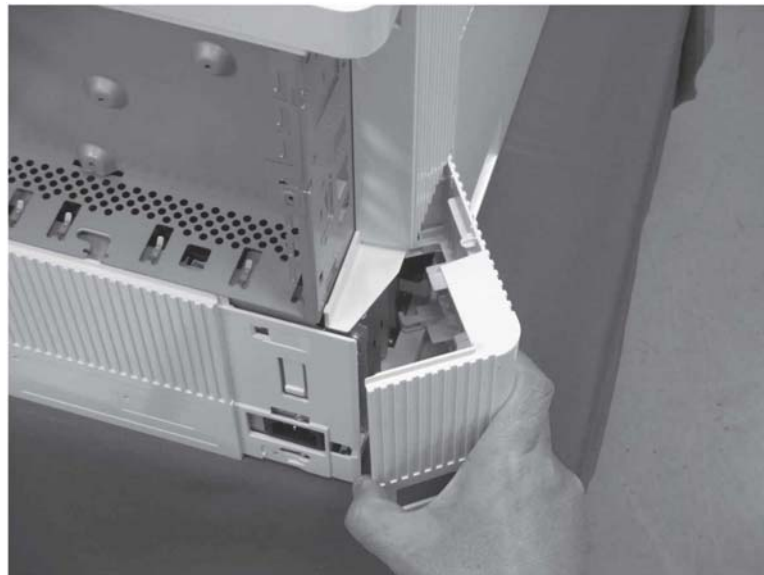
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

**Figure 1-1722** Remove one screw and release one tab



- b. Remove the left lower cover.

**Figure 1-1723** Remove the left lower cover



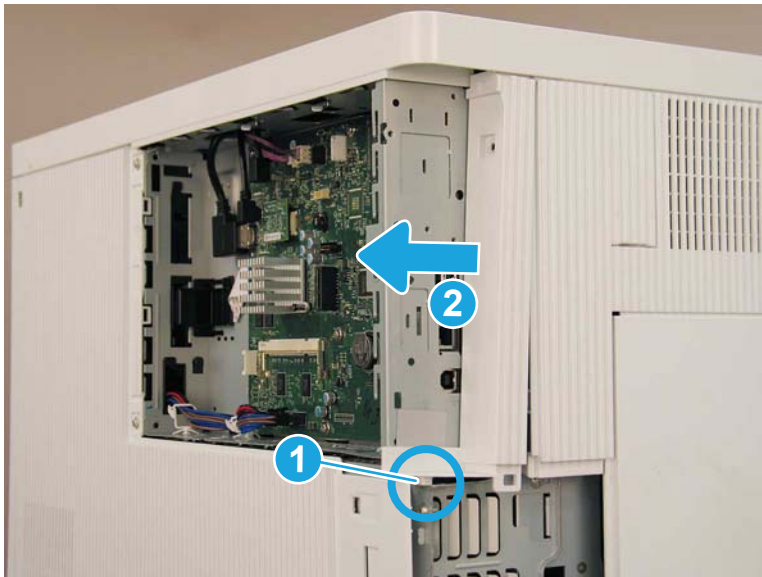
- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1724 Remove one screw



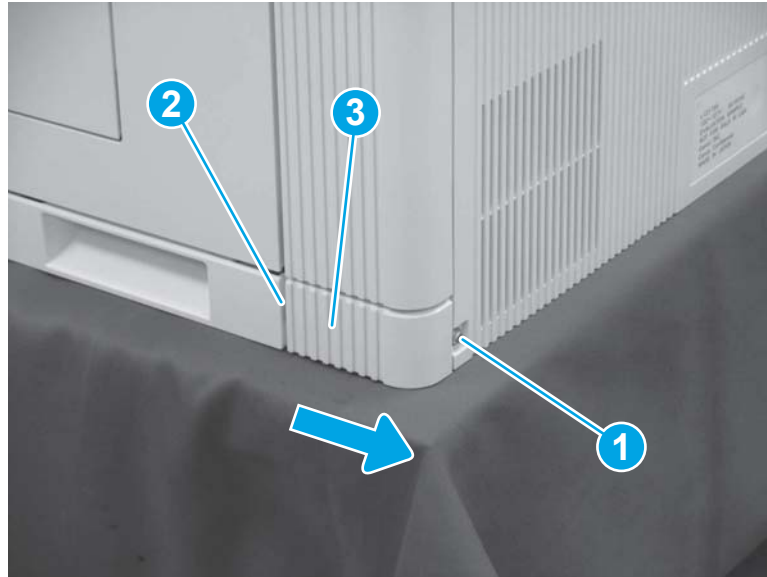
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-1725 Remove the left rear cover



- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

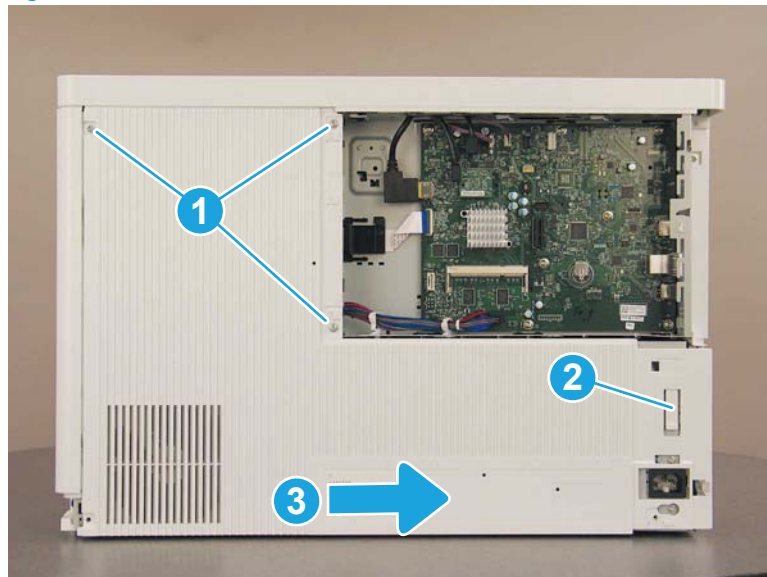
Figure 1-1726 Remove the right rear lower cover




5. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1727 Remove the rear cover

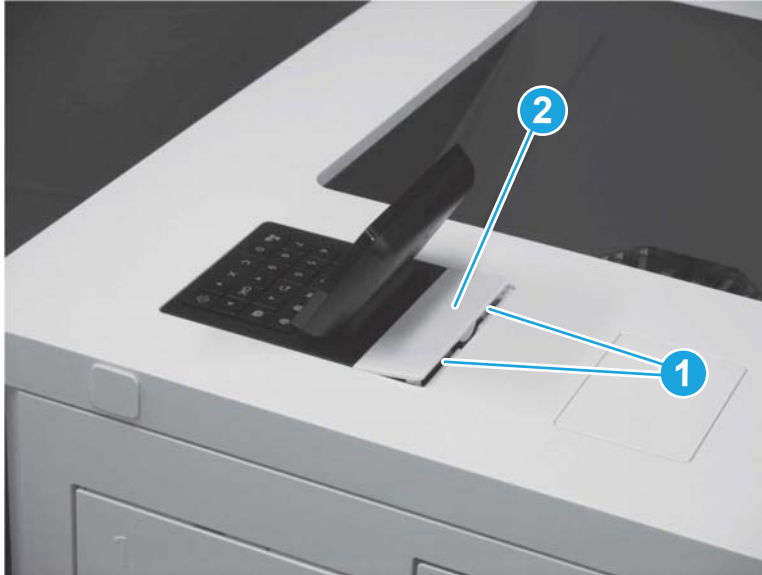


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1728 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1729 Remove one screw





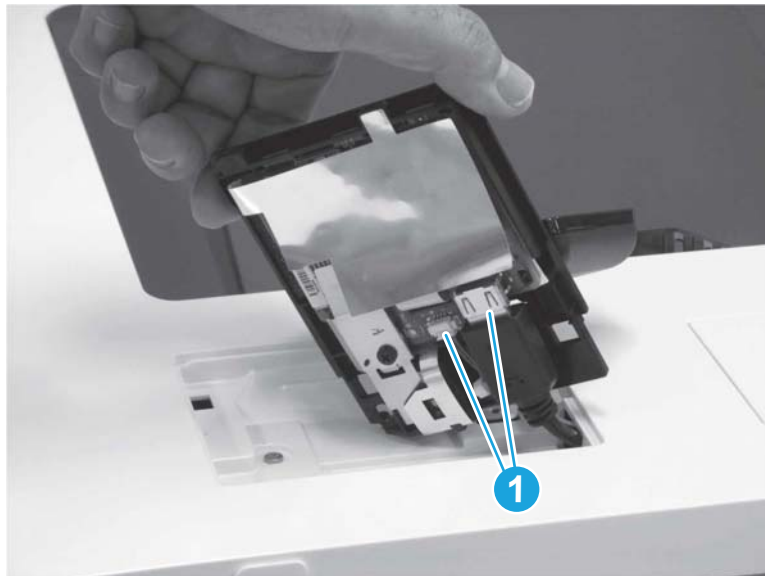
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-1730** Slide the control panel back



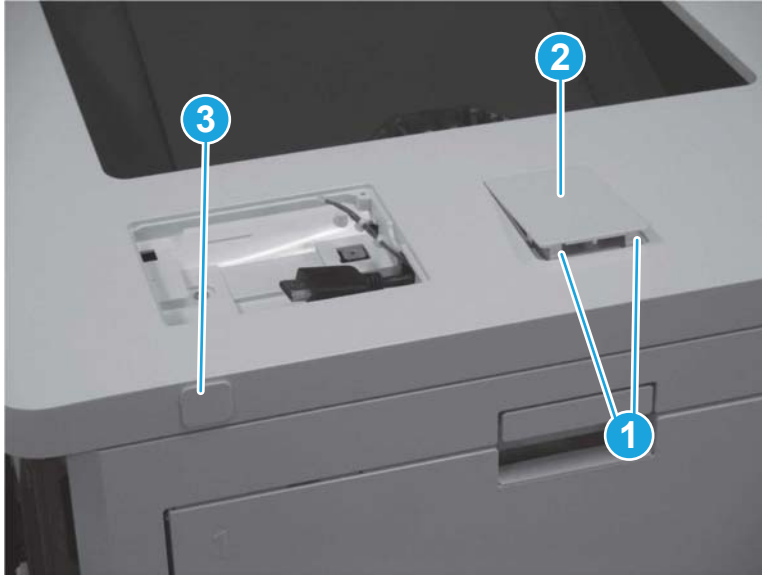
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1731** Disconnect two connectors



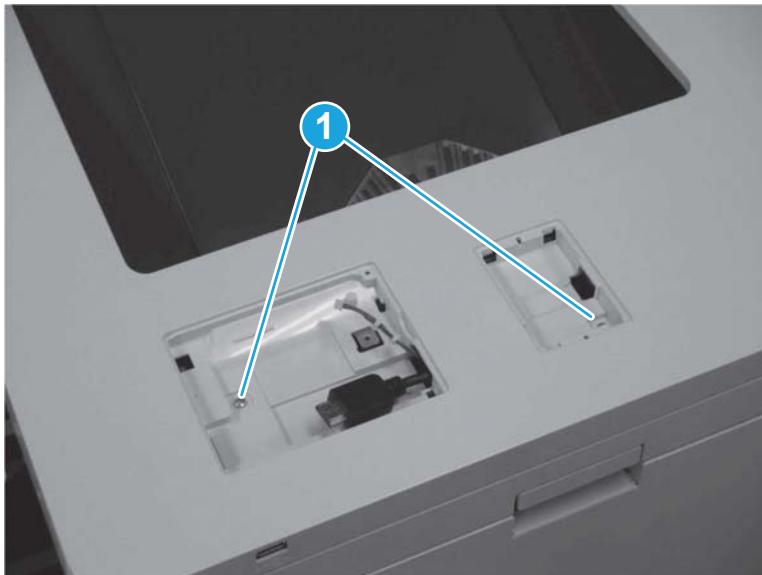
7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1732 Remove the HIP cover and USB cap



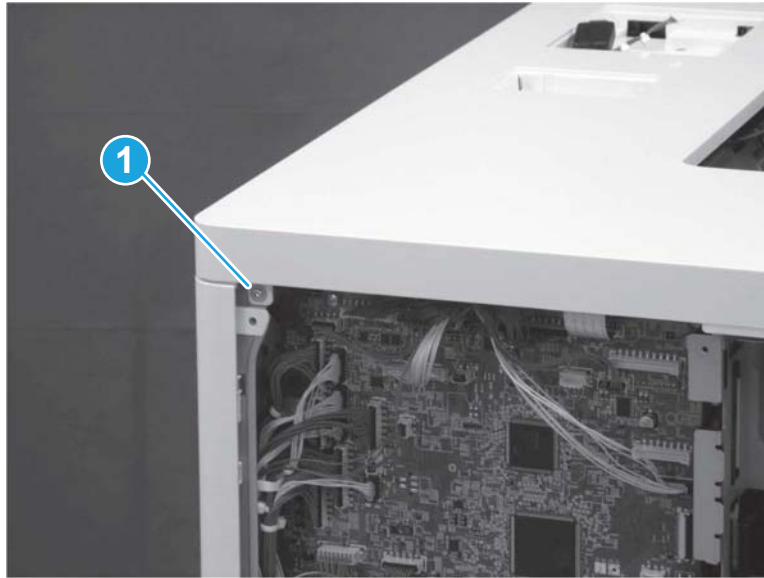
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1733 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1734 Remove one screw

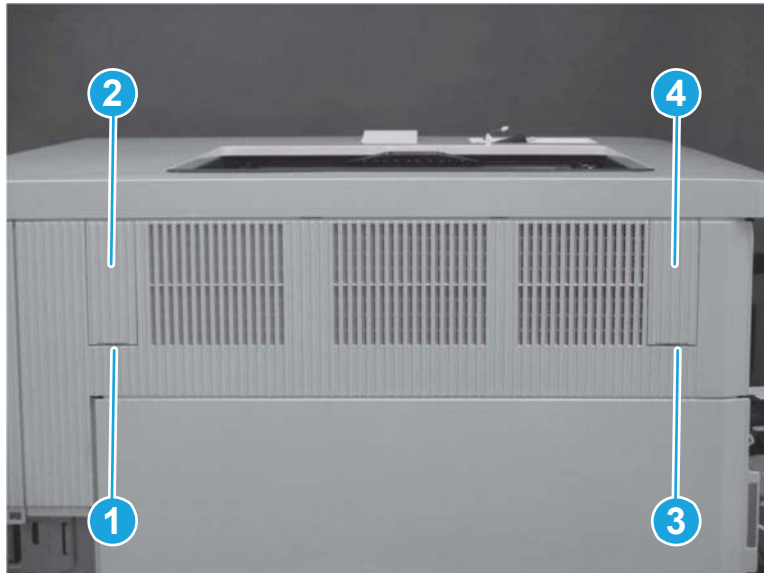


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

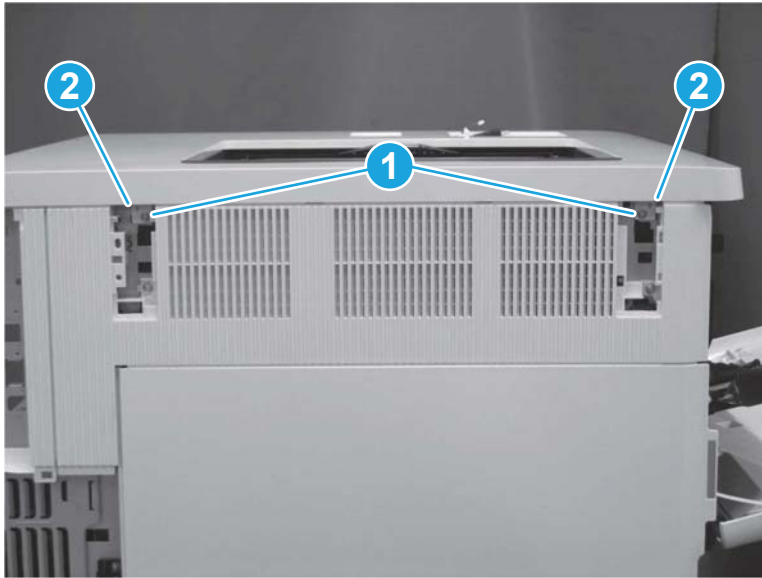
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

Figure 1-1735 Remove the left and right blanking covers



- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1736 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


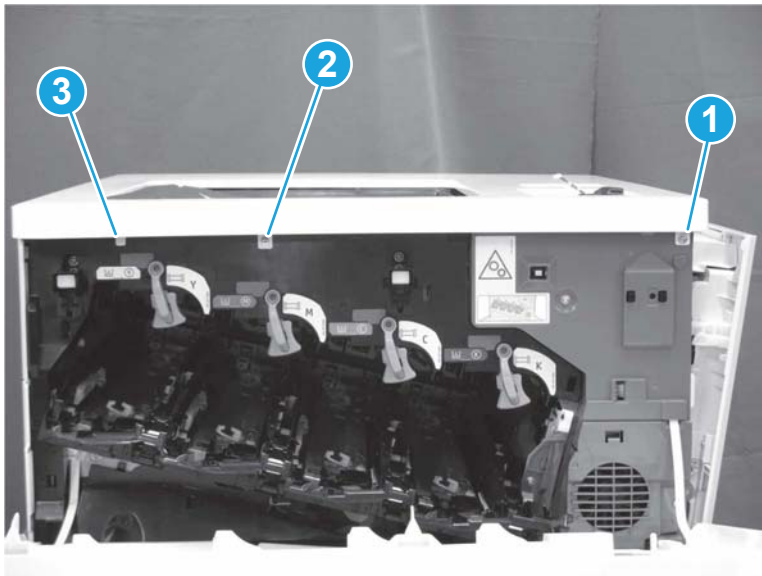
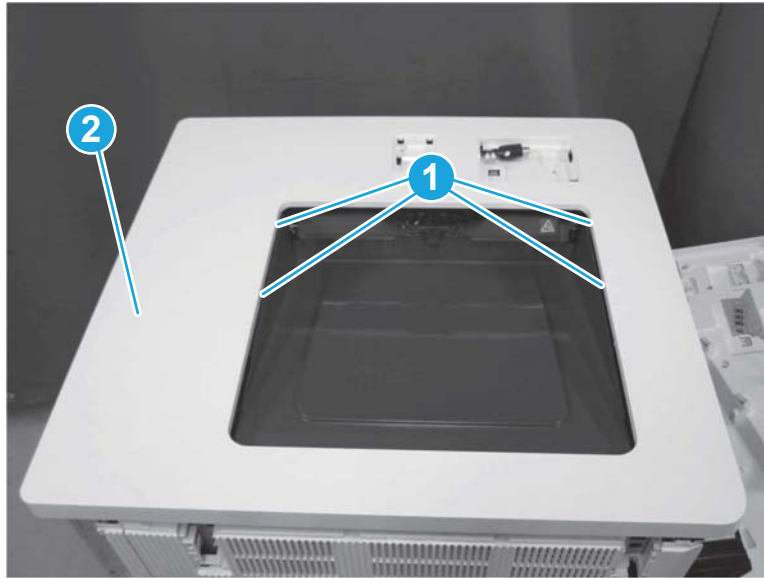
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

Figure 1-1737 Remove two screws and release one tab

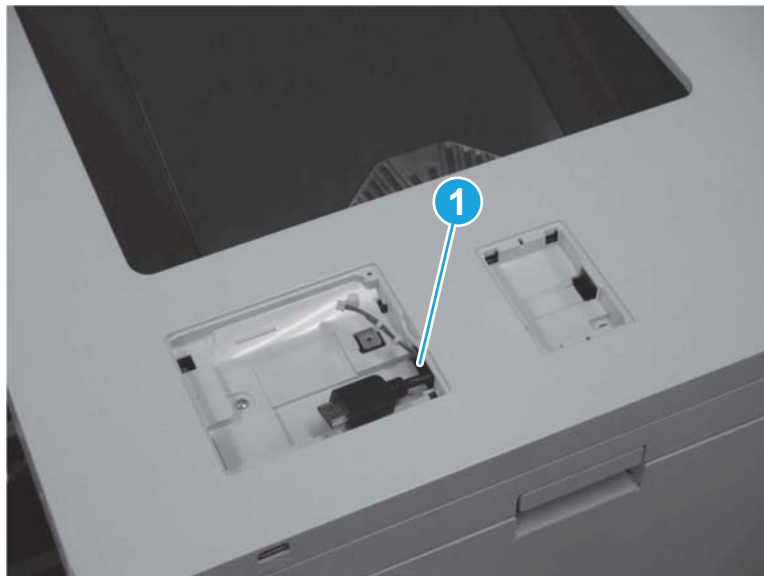


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-1738** Remove the top cover

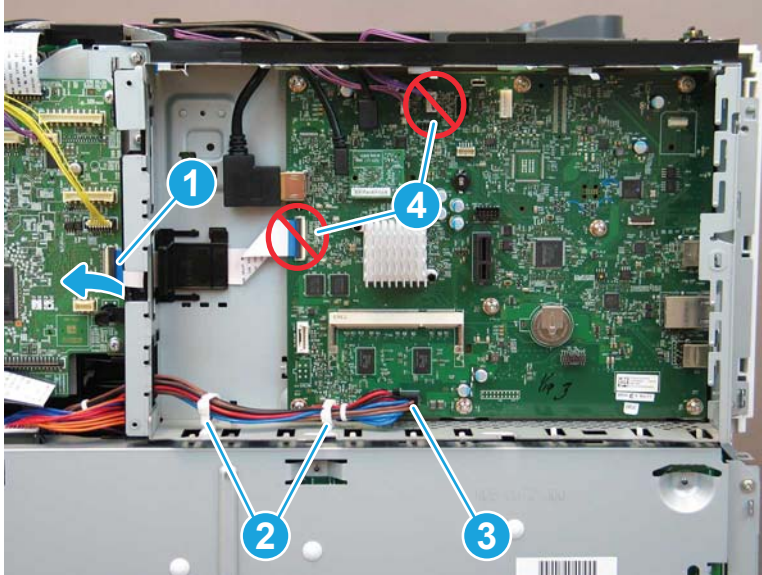


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



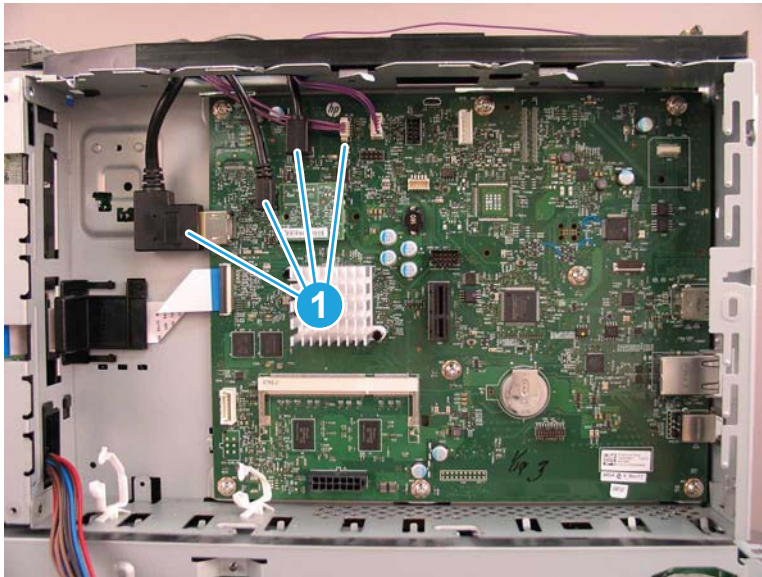
- 8.** Remove the formatter and case.
  - a.** Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-1739 Disconnect the connectors



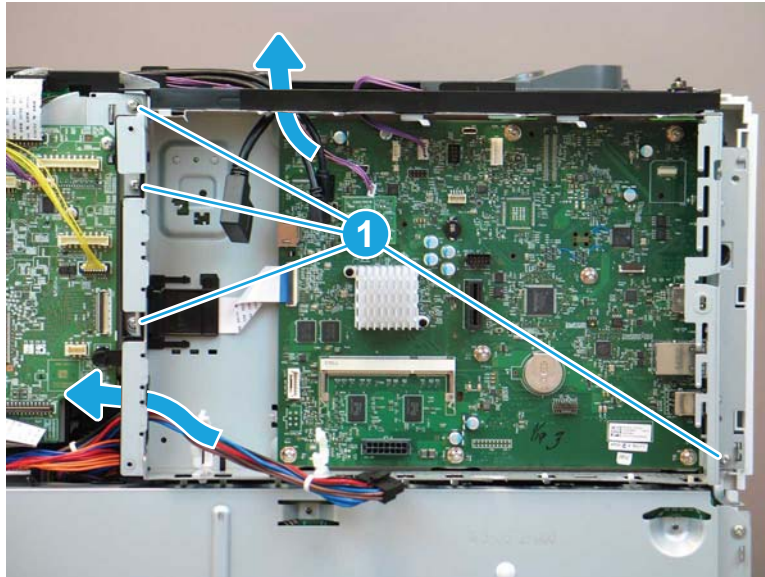
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-1740 Disconnect the connectors



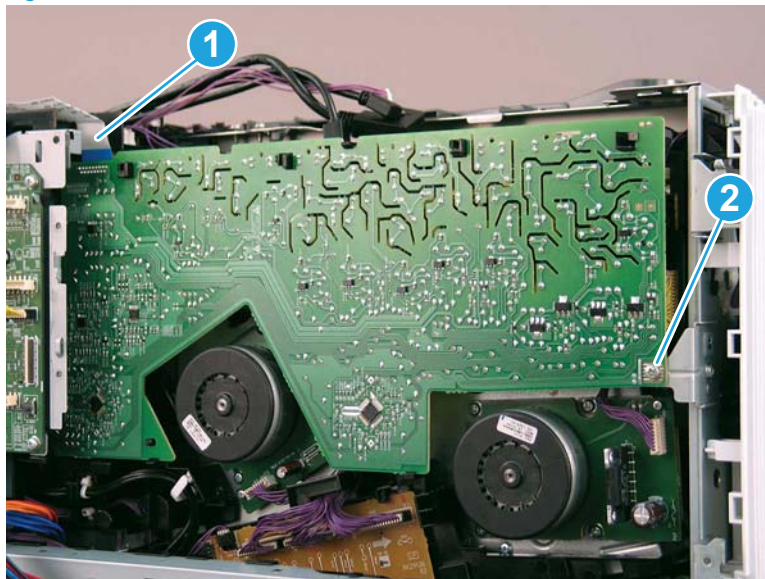
- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

Figure 1-1741 Remove the formatter and case



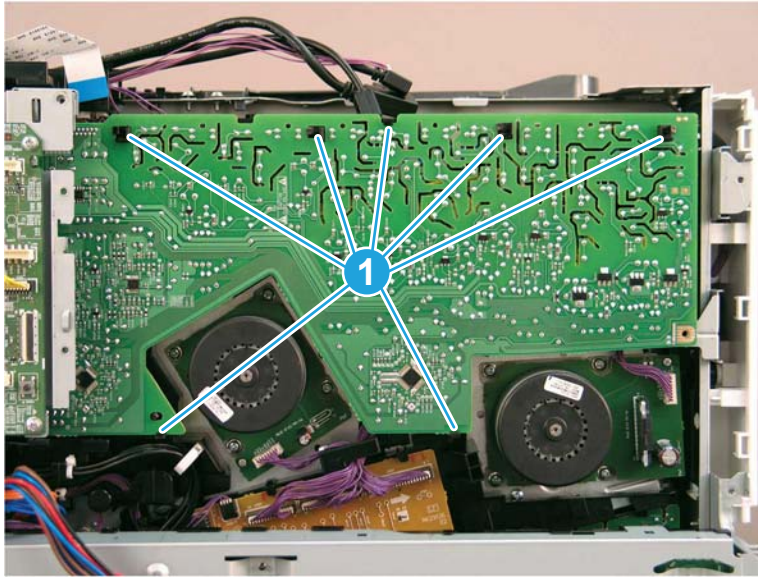
- 9. Remove the upper high-voltage power supply A (upper HVPS).
  - a. Disconnect one flat cable (callout 1), and then remove one screw (callout 2).

Figure 1-1742 Disconnect one flat cable and remove one screw



- b. Release seven tabs (callout 1), and then remove the upper HVPS.

**Figure 1-1743** Release seven tabs and remove the upper HVPS





10. Unpack the replacement assembly.


- a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Upper high-voltage power supply (M856/E85055/M776)

Learn how to remove and replace the upper high-voltage power supply (HVPS).

 [View a video of how to remove and replace the upper high-voltage power supply.](#)

Mean time to repair: 35 minutes

Service level: Medium



## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-93 Part information**

Part number	Part description
RM2-9601-000CN	Upper high-voltage power supply PCB assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

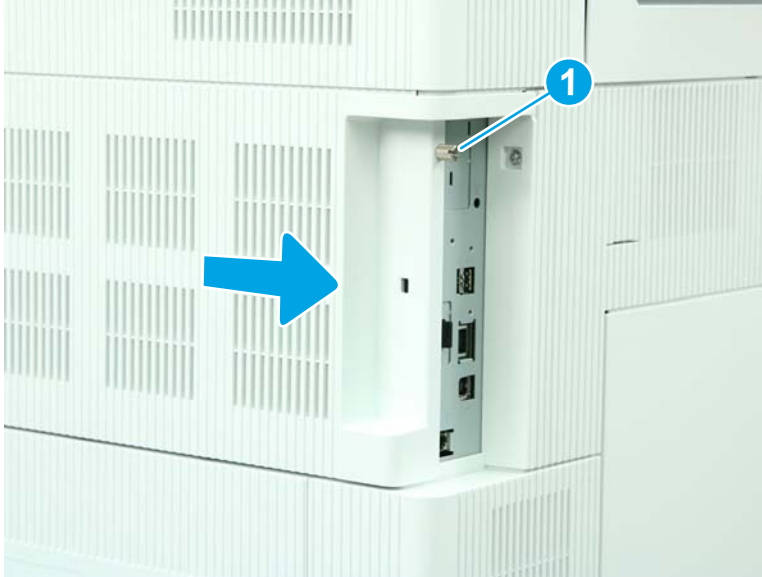
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

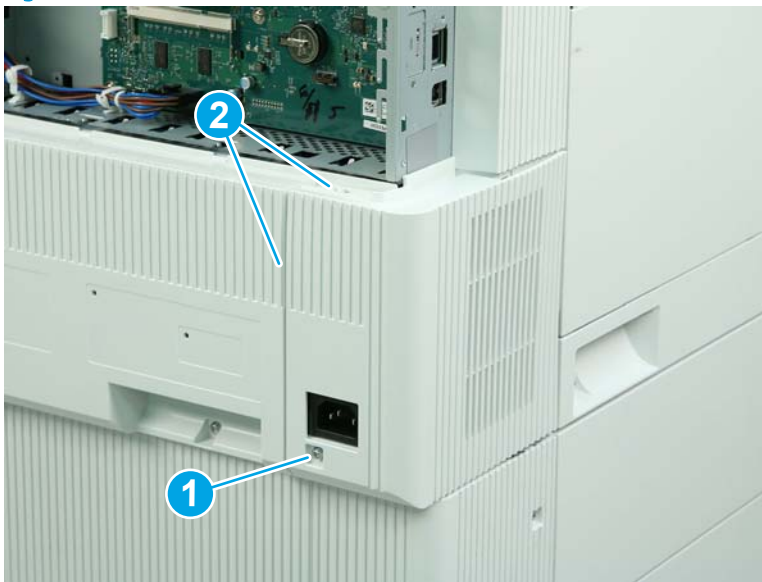
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1744 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1745 Remove one screw and release two tabs



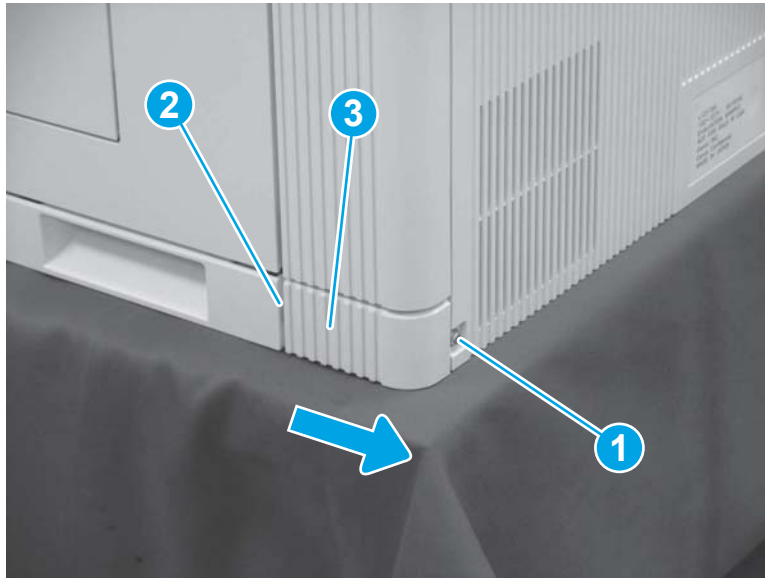
- b. Rotate the cover away from the printer to remove it.

**Figure 1-1746** Remove the left lower cover



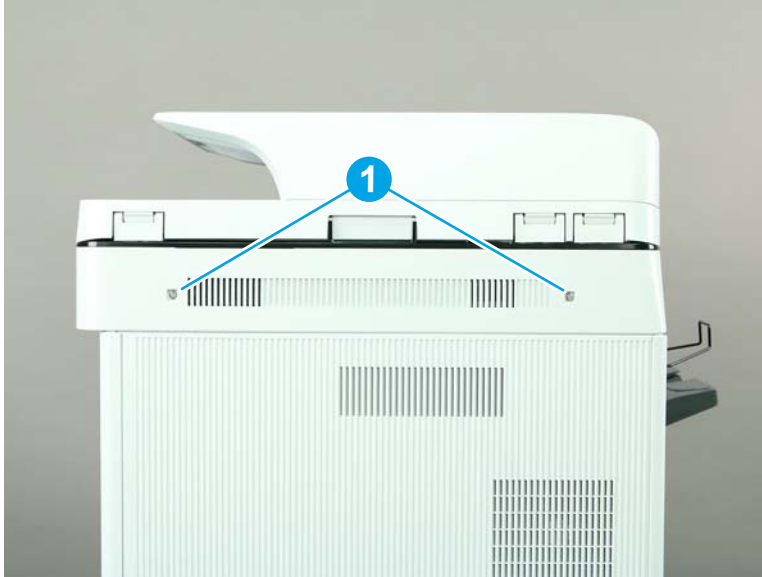
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-1747** Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1748 Remove two screws



- b. Remove the SCB cover.

Figure 1-1749 Remove the SCB cover

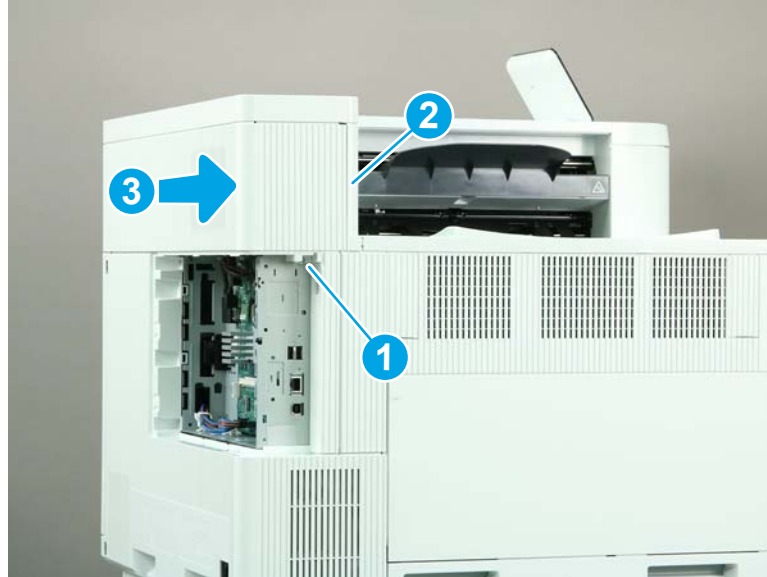


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

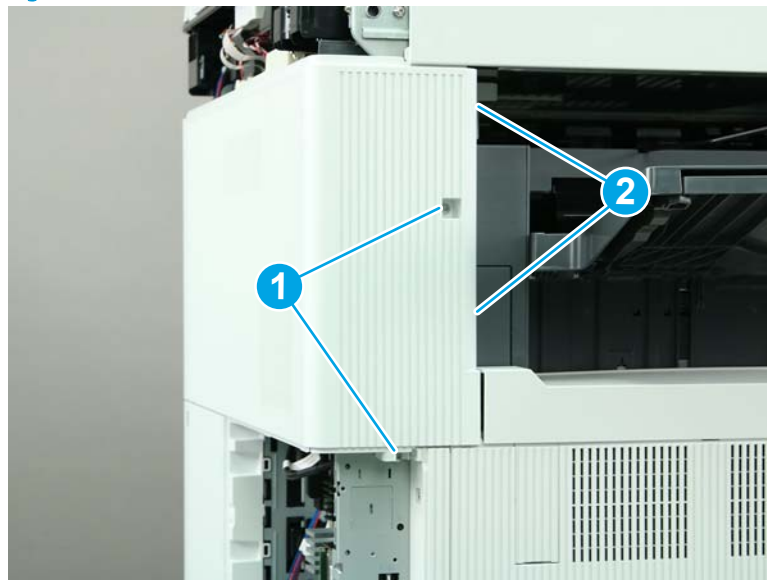
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-1750 Remove the rear upper cover



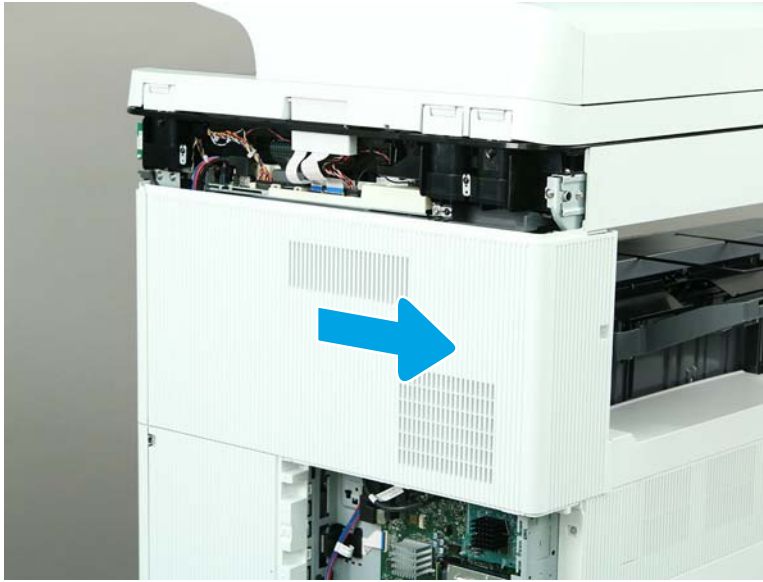
6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1751 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

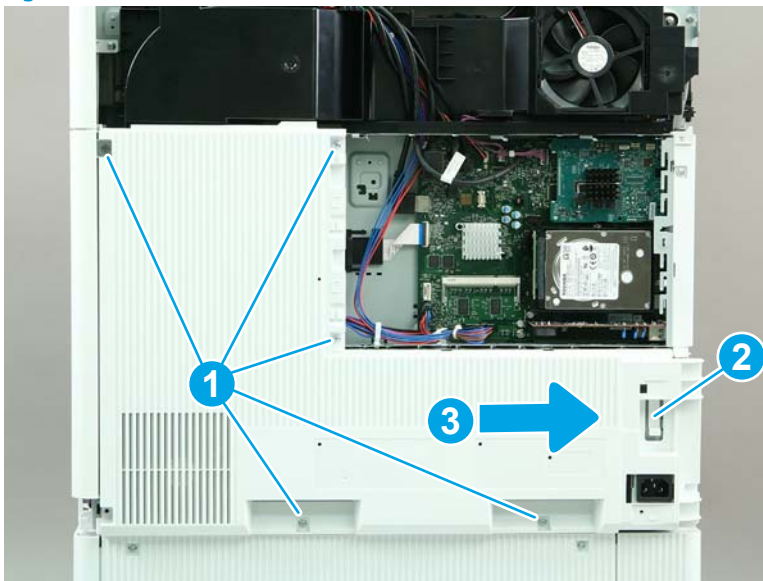
Figure 1-1752 Remove the rear upper and left rear upper cover



- 7. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.


Figure 1-1753 Remove the rear cover (M856/E85055/M776)



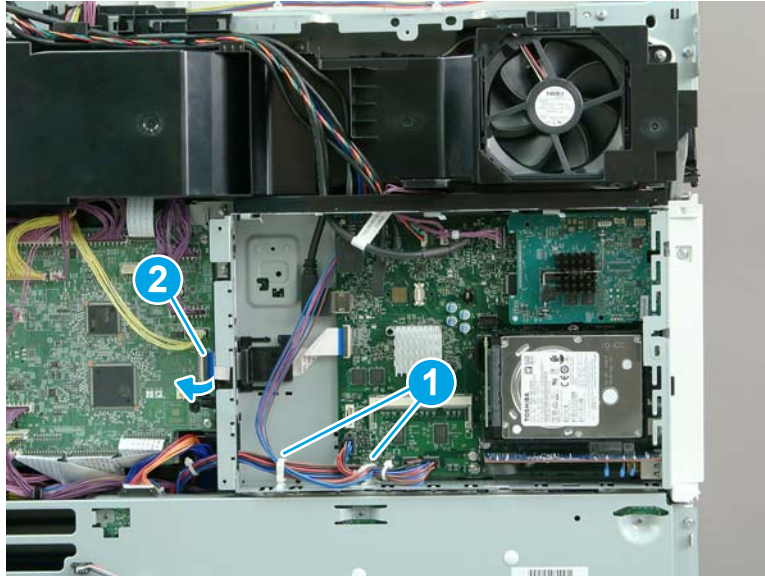
- 8. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

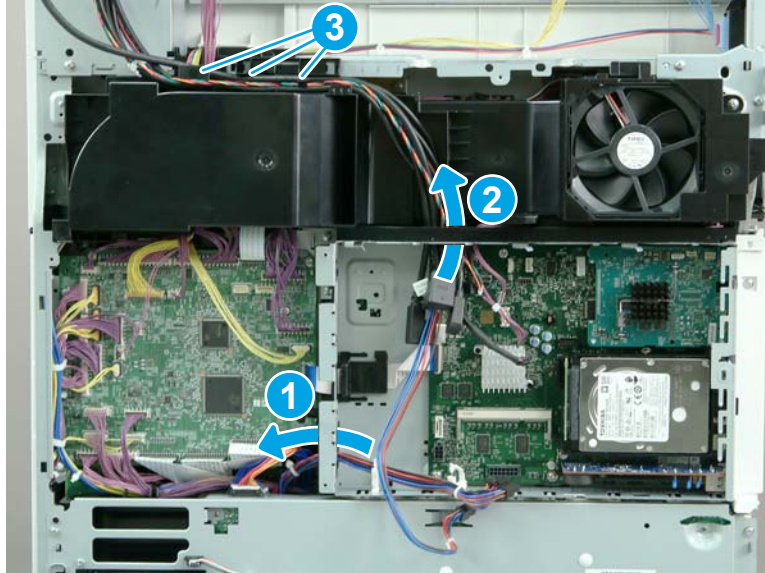
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

**Figure 1-1754** Disconnect the connectors



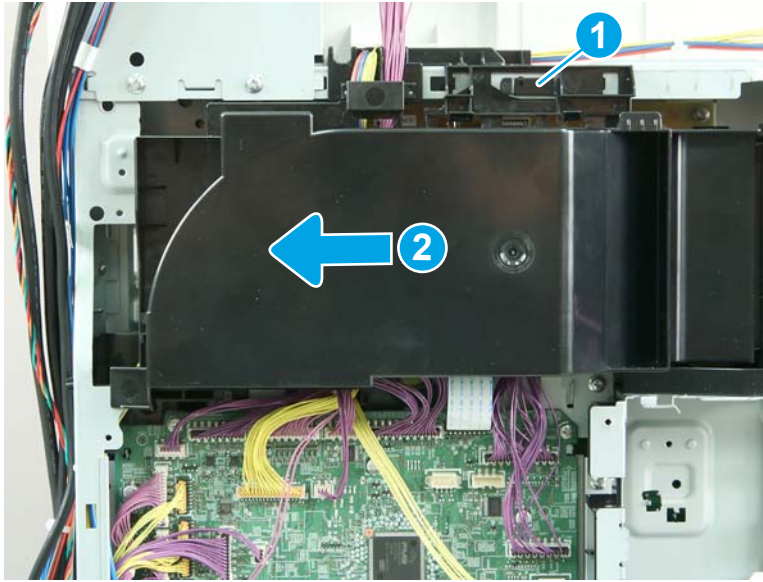
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

**Figure 1-1755** Release the cables



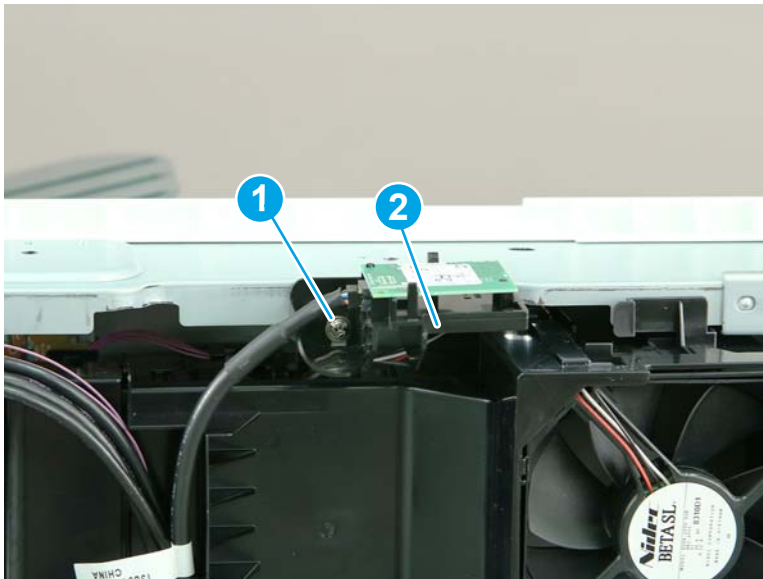
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1756 Remove the fan duct



- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

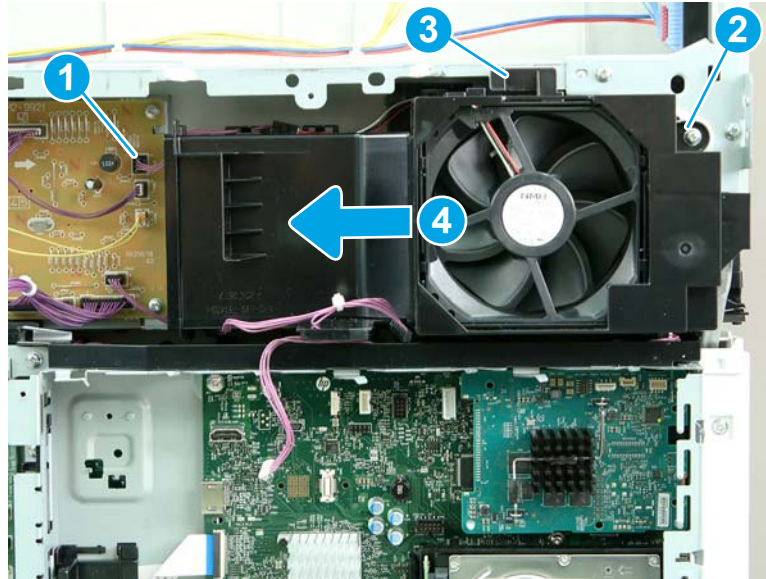
Figure 1-1757 Remove the wireless card and bracket





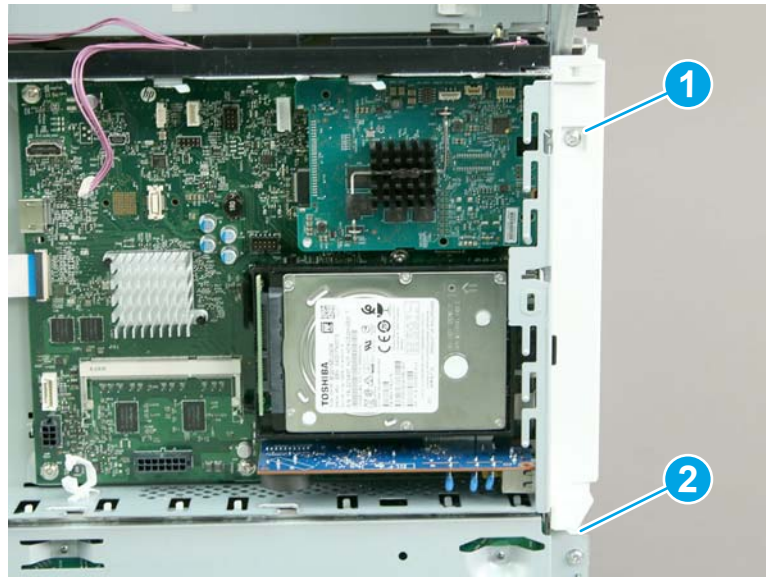
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-1758 Remove the fan assembly



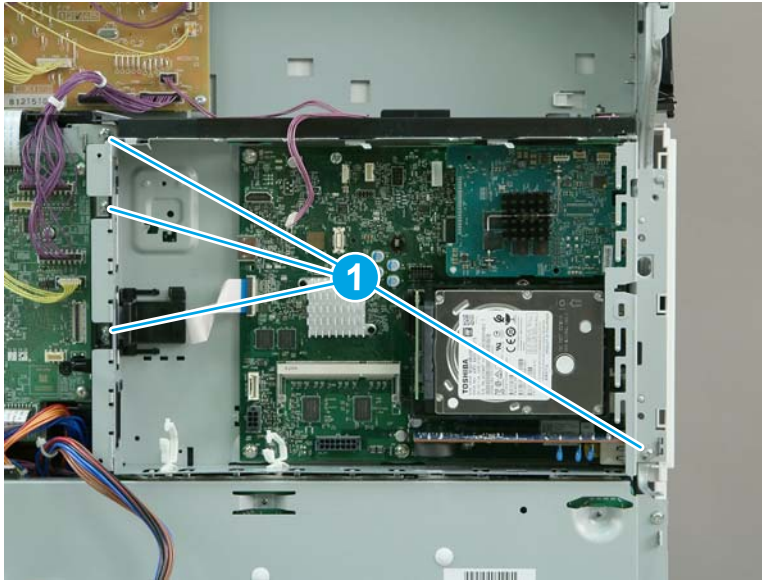
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-1759 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-1760 Remove four screws



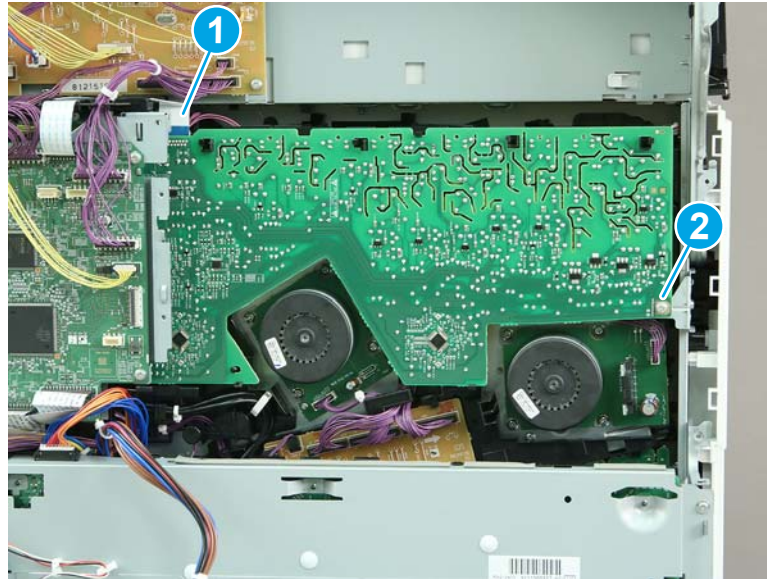
- h. Remove the formatter and case.

Figure 1-1761 Remove the formatter and case



- 9. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-1762 Disconnect one connector and remove one screw




- b. Release six tabs (callout 1), and then remove the upper HVPS.

Figure 1-1763 Release six tabs



- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: High-voltage power supply T2 (M751/E75245)

Learn how to remove and replace the high-voltage power supply T2 (HVPS-T2).

 [View a video of how to remove and replace the high-voltage power supply T2.](#)


Mean time to repair: 36 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-94** Part information

Part number	Part description
RM2-9623-000CN	Second transfer high voltage PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

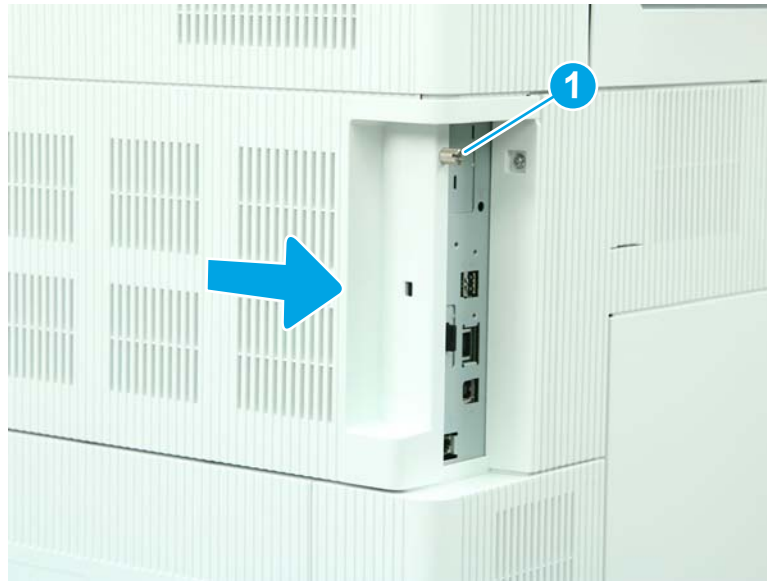
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

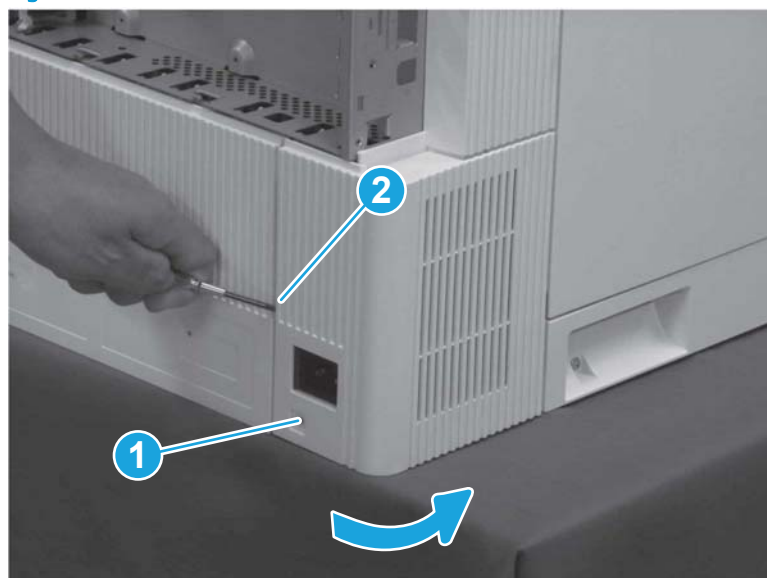
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1764** Remove the formatter cover



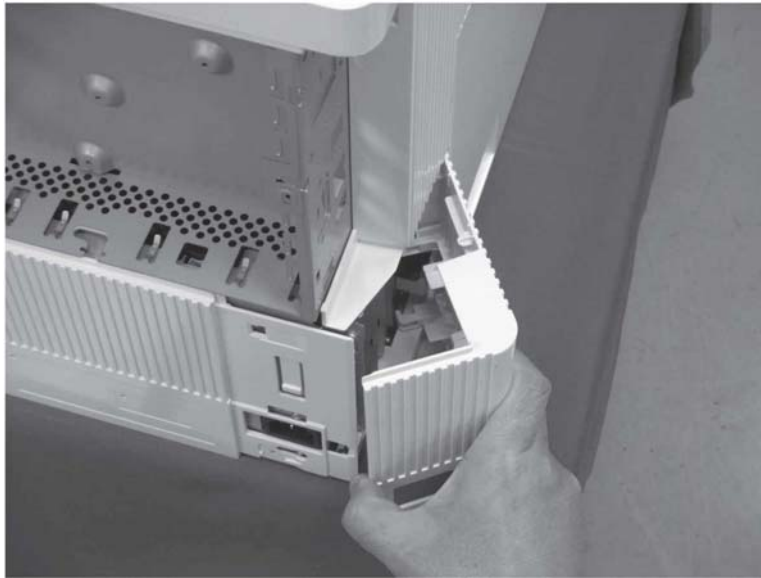
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

**Figure 1-1765** Remove one screw and release one tab



- b. Remove the left lower cover.

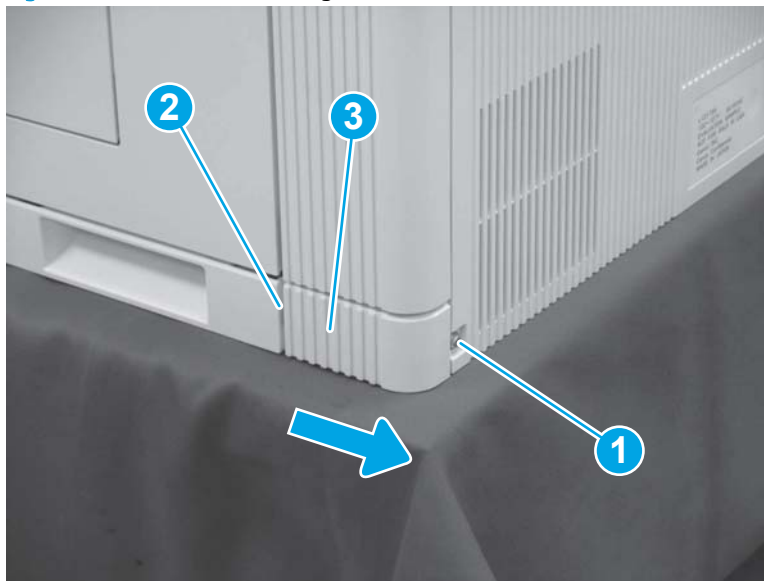
Figure 1-1766 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

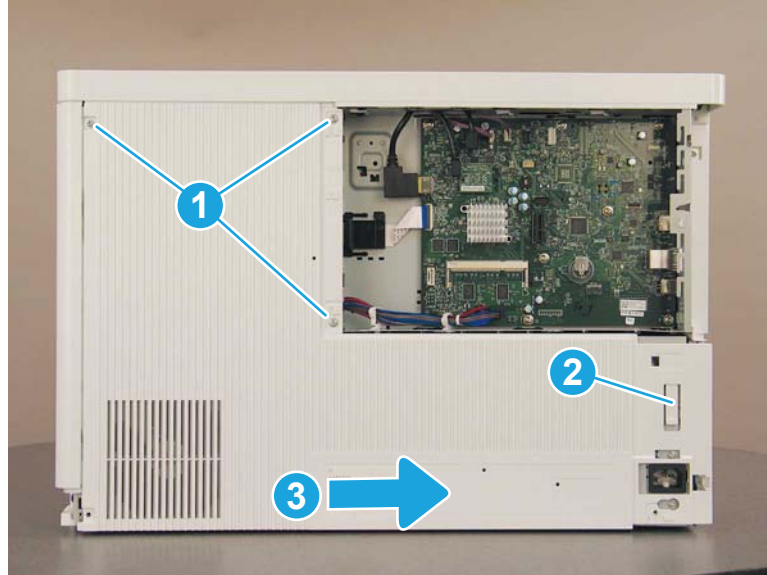
Figure 1-1767 Remove the right rear lower cover



4. Remove the rear cover (M751/E75245).

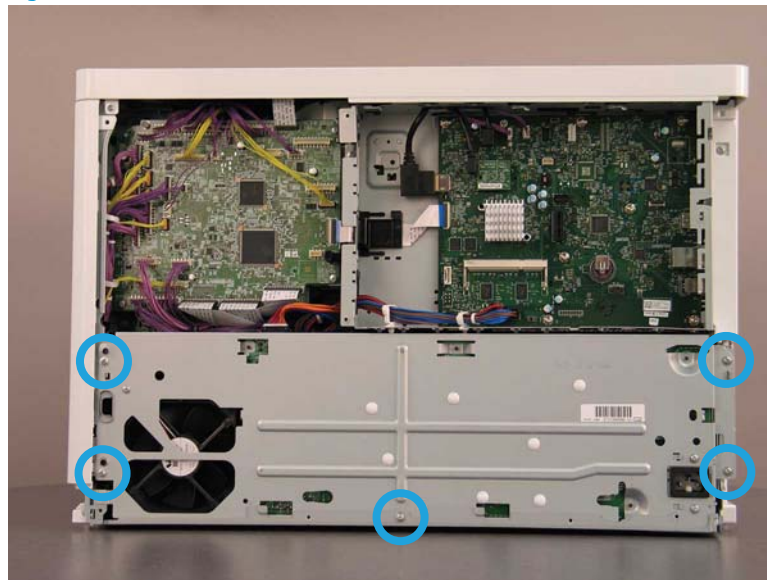
- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1768 Remove the rear cover



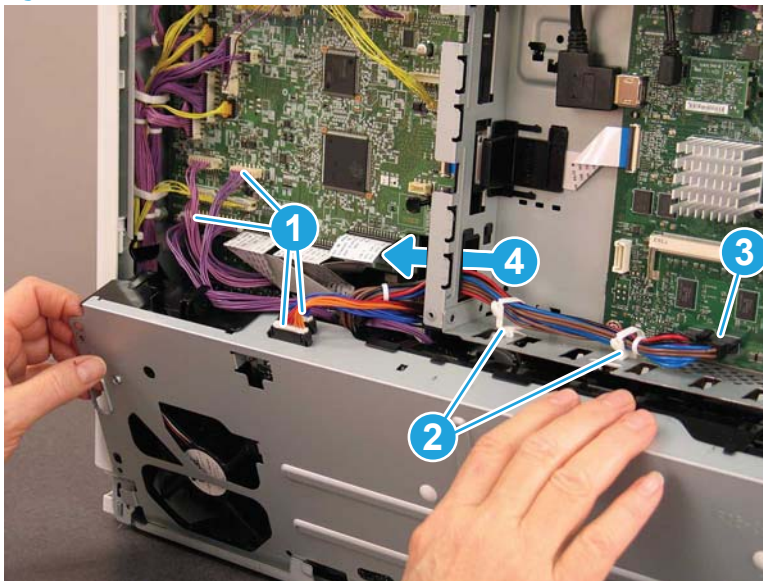
5. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-1769 Remove five screws



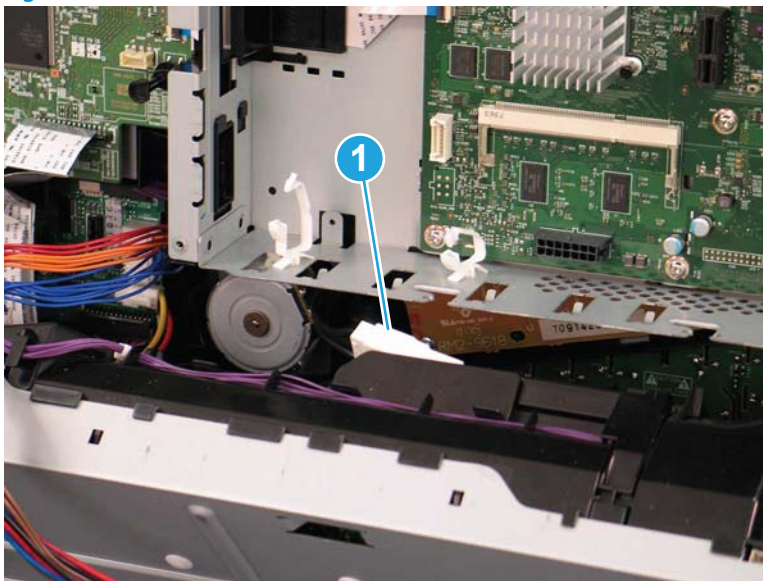
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-1770 Disconnect five connectors



- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

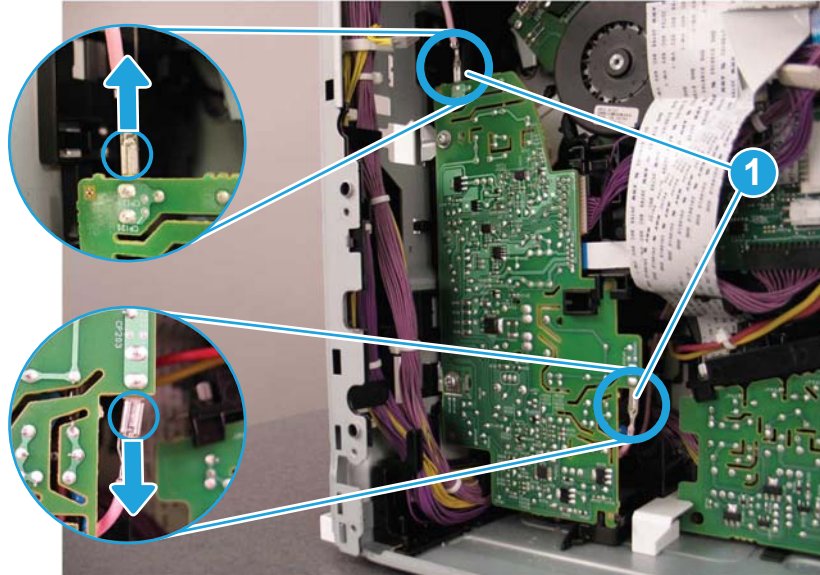
Figure 1-1771 Remove the LVPS



6. Remove the high-voltage power supply T2 (HVPS-T2).
  - a. Disconnect two connectors (callout 1). For each connector, press and hold the small release tab, and then slide the connector away from the board to disconnect it.

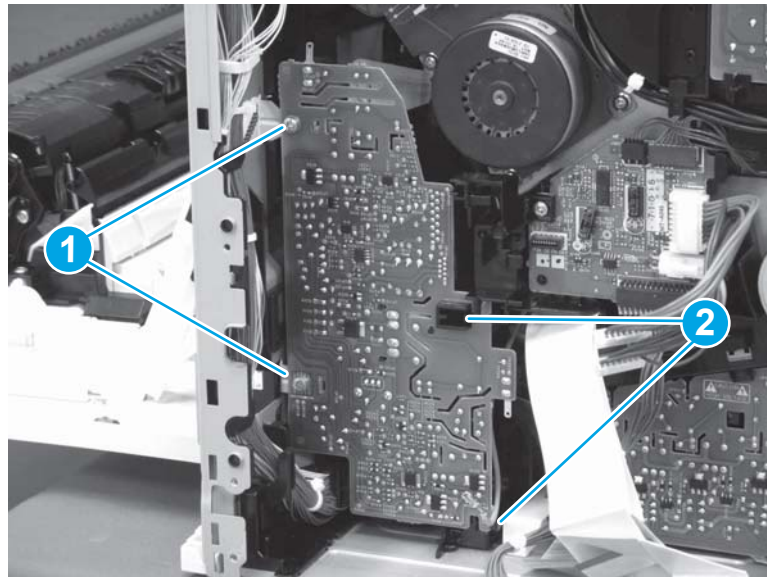


Figure 1-1772 Disconnect two connectors



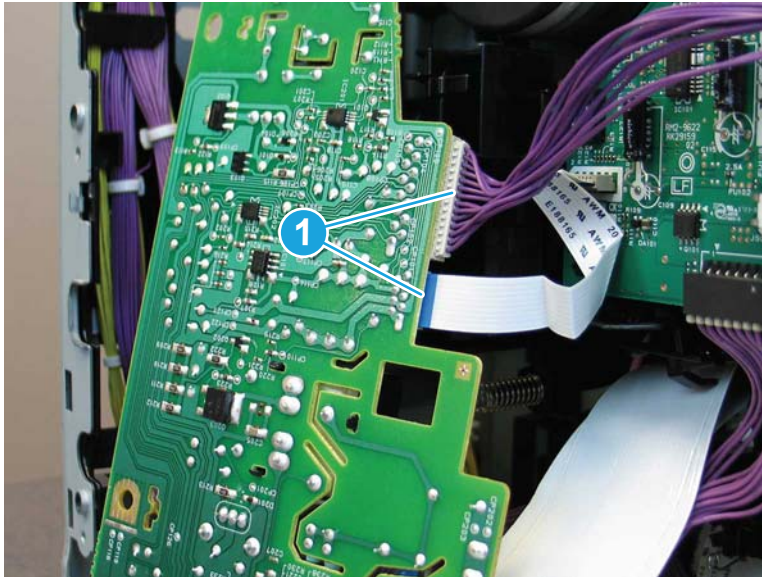
- b. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1773 Remove two screws and release two tabs



- c. Rotate the HVPS-T2 slightly away from the printer, and then disconnect two connectors (callout 1) to remove it.

**Figure 1-1774** Disconnect two connectors and remove the HVPS-T2





7. Unpack the replacement assembly.


- a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: High-voltage power supply T2 (M856/E85055/M776)

Learn how to remove and replace the high-voltage power supply T2 (HVPS-T2).

 [View a video of how to remove and replace the high-voltage power supply T2.](#)


Mean time to repair: 36 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-95 Part information**

Part number	Part description
RM2-9623-000CN	Second transfer high voltage PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

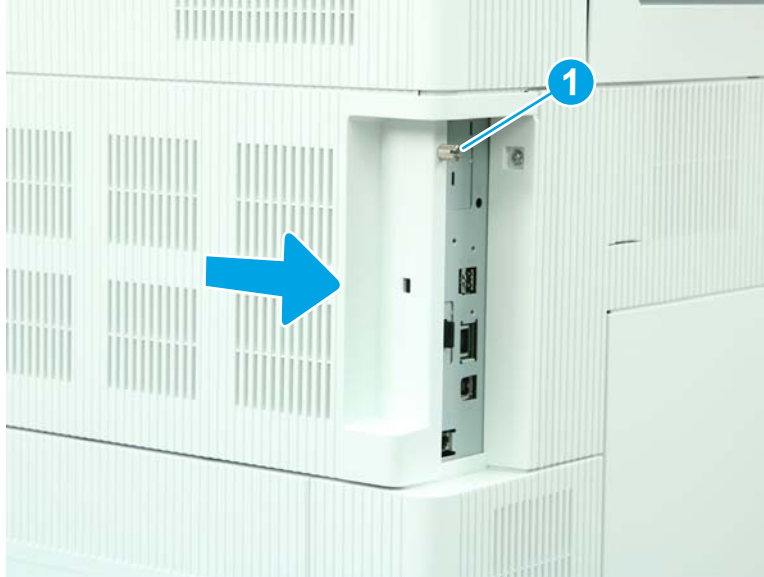
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

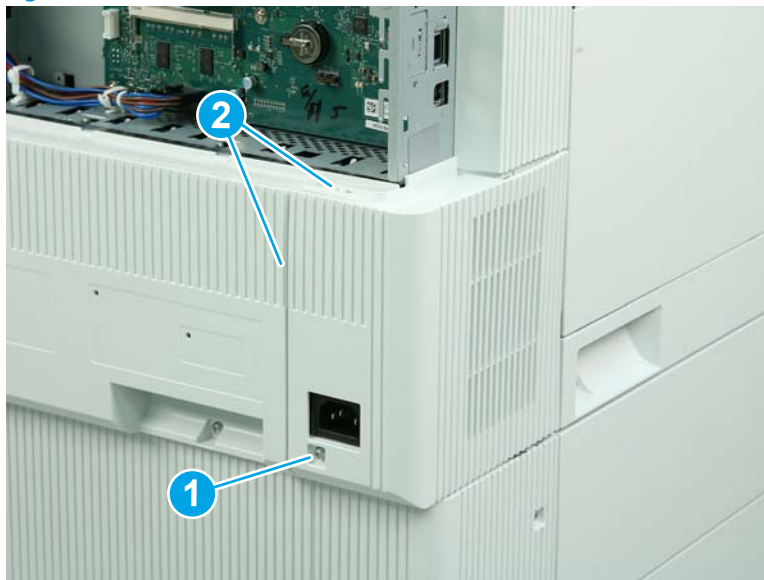
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1775 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1776 Remove one screw and release two tabs



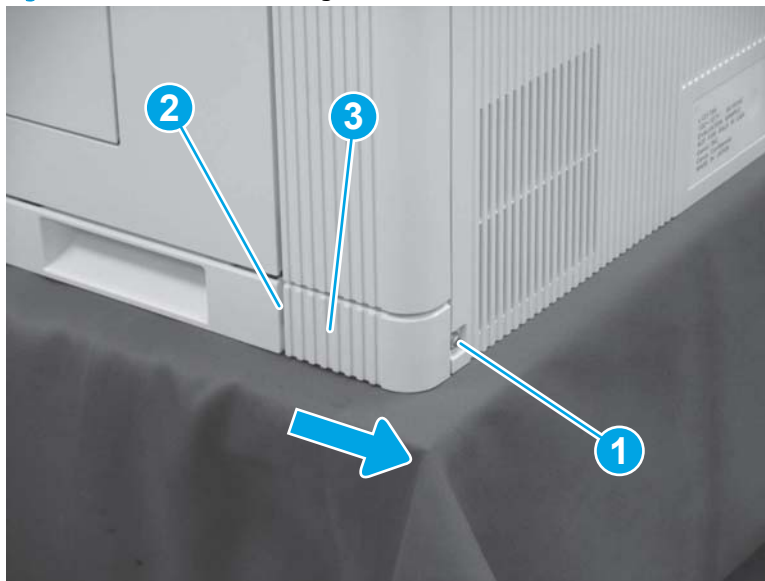
- b. Rotate the cover away from the printer to remove it.

**Figure 1-1777** Remove the left lower cover



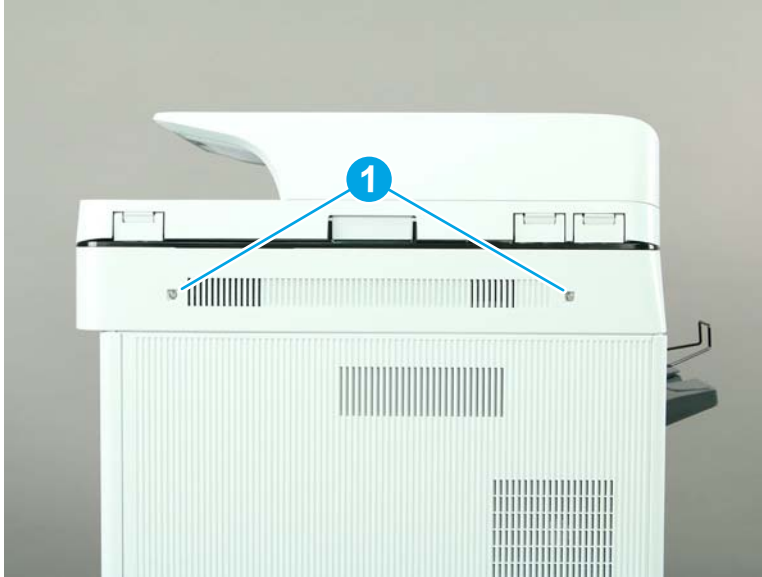
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-1778** Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1779 Remove two screws



- b. Remove the SCB cover.

Figure 1-1780 Remove the SCB cover

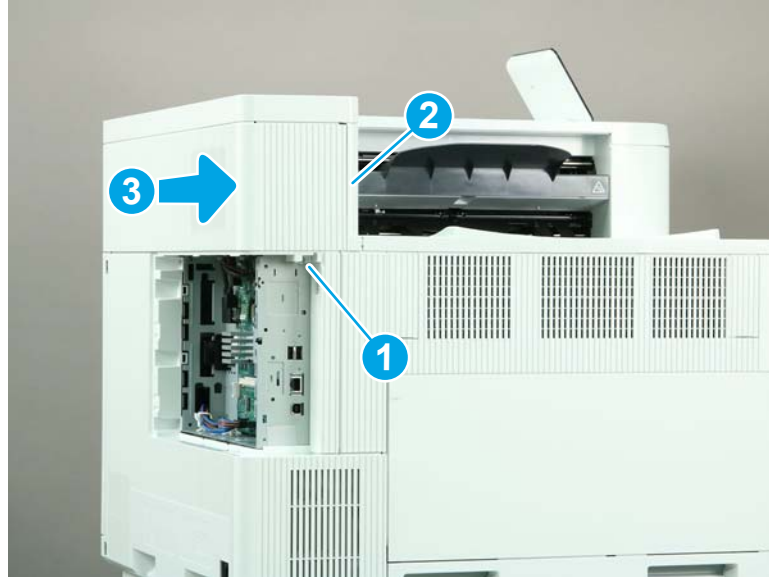


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

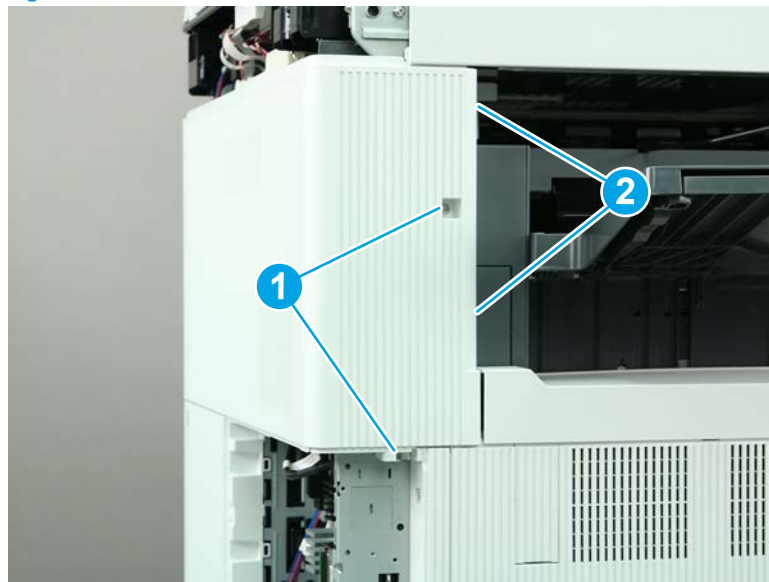
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-1781 Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1782 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

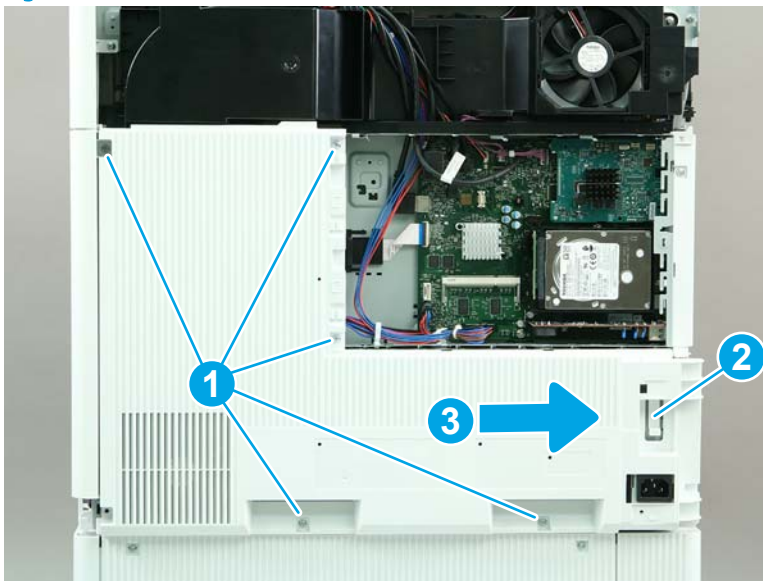
Figure 1-1783 Remove the rear upper and left rear upper cover



- 7. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1784 Remove the rear cover (M856/E85055/M776)

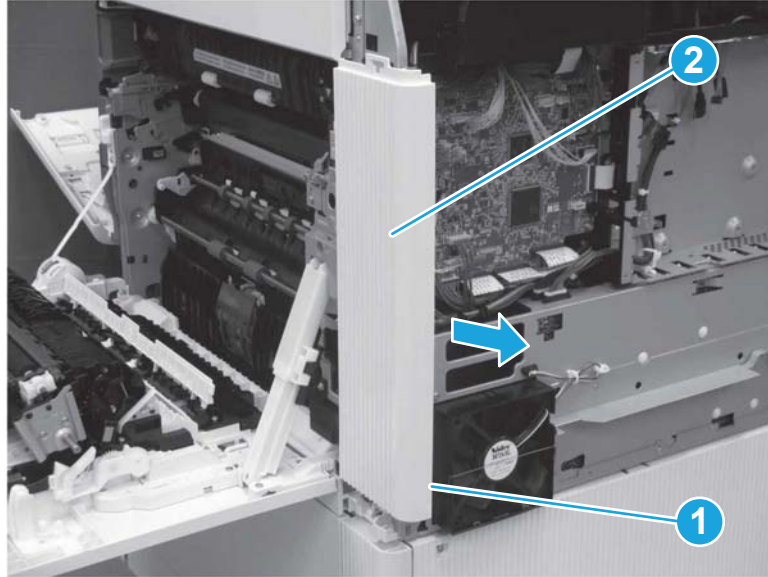


- 8. Remove the right rear cover (M856/E85055/M776).

- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

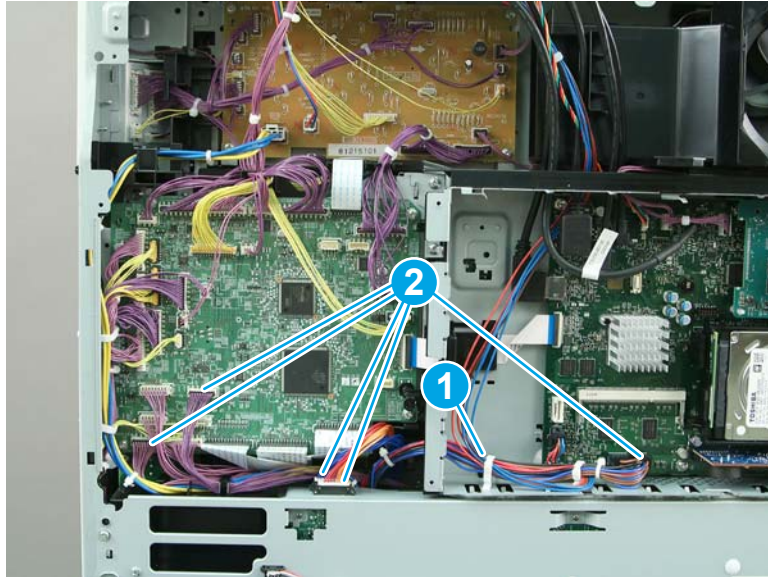


Figure 1-1785 Remove right rear cover



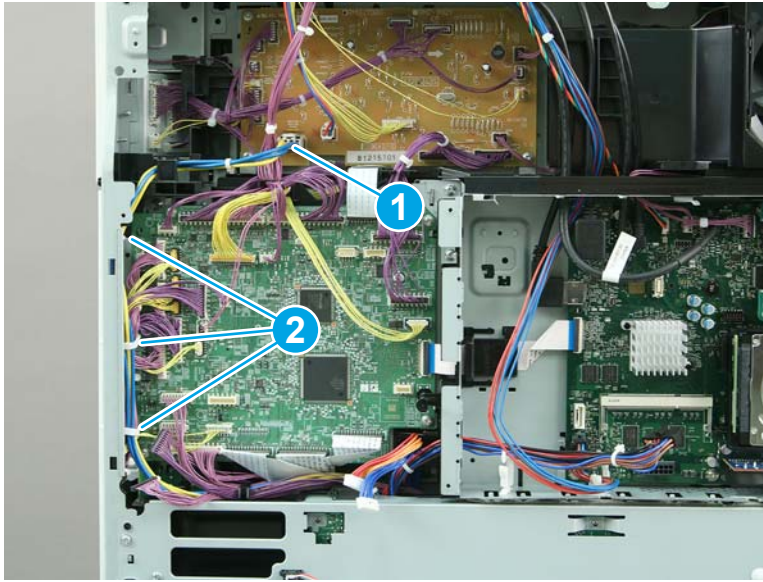
9. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-1786 Release the retainer and disconnect five connectors



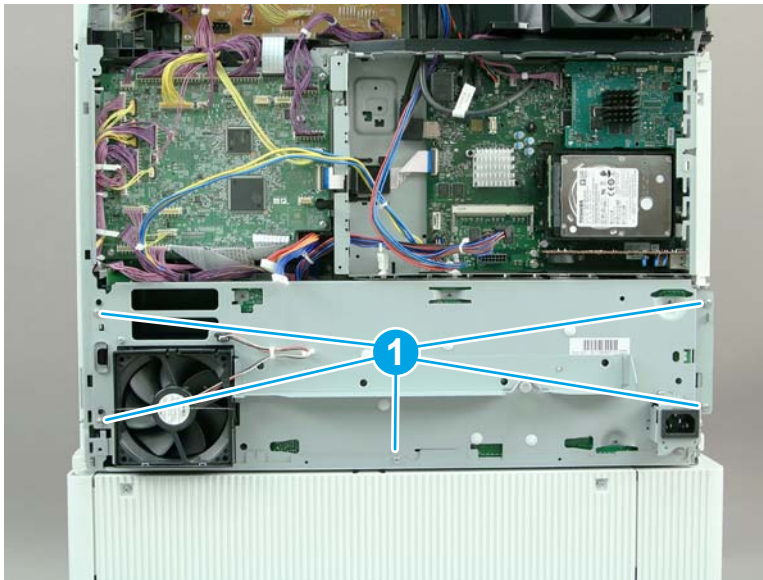
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-1787 Disconnect one connector and release five retainers



- c. Remove five screws (callout 1).

Figure 1-1788 Remove five screws

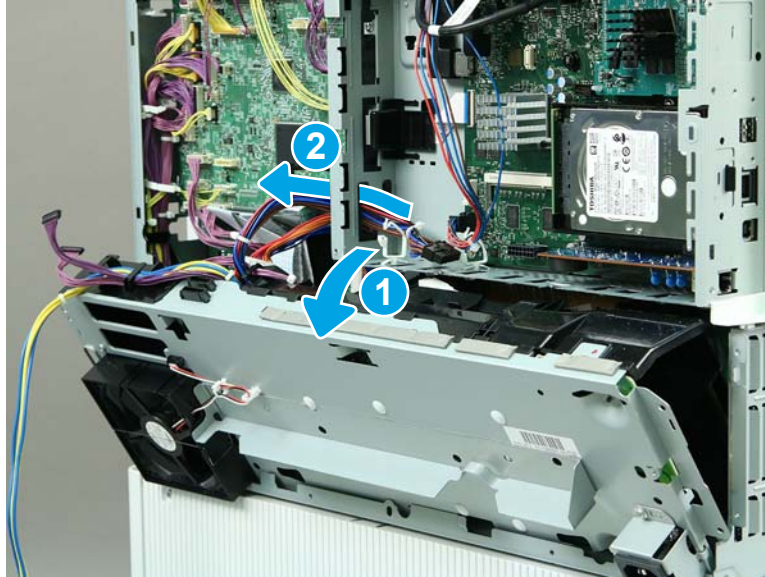


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

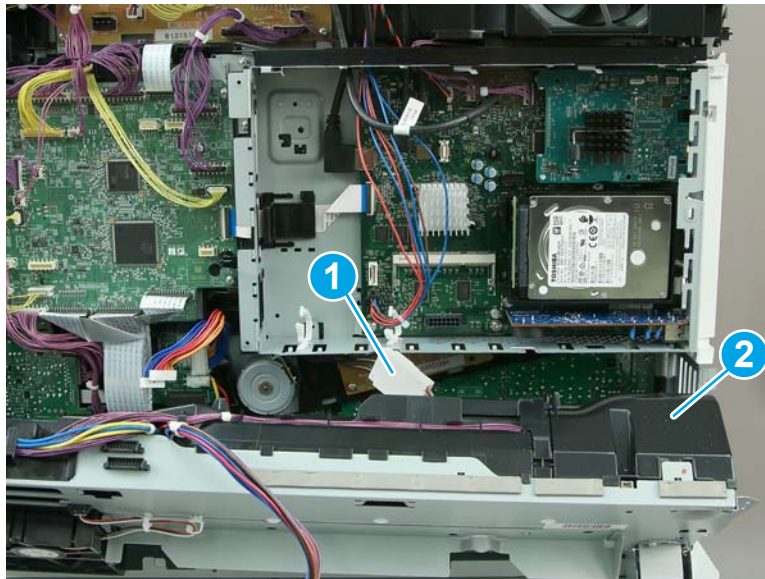
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-1789 Thread the cable



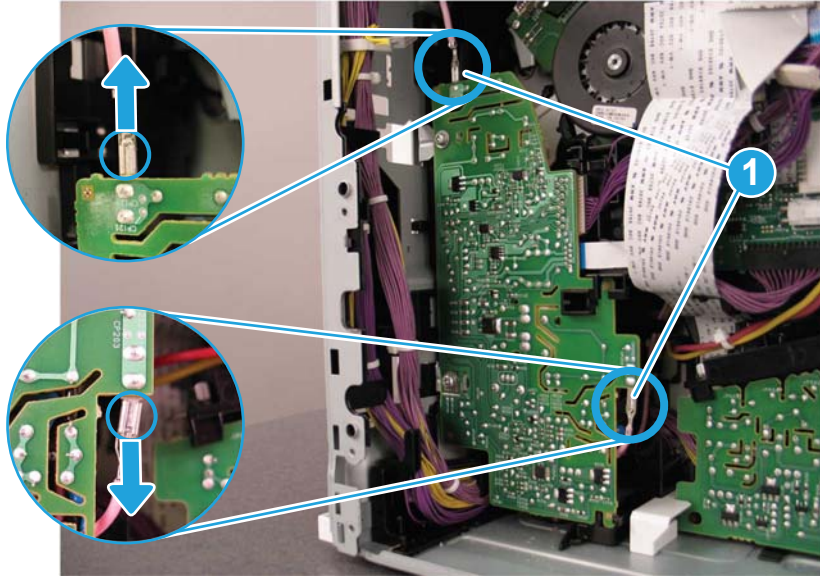
- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

Figure 1-1790 Remove the LVPS



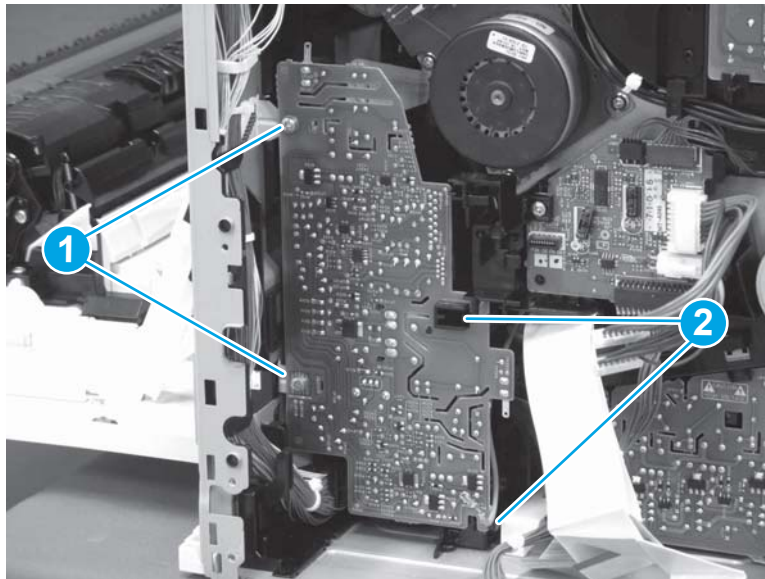
10. Remove the high-voltage power supply T2 (HVPS-T2).
  - a. Disconnect two connectors (callout 1). For each connector, press and hold the small release tab, and then slide the connector away from the board to disconnect it.

Figure 1-1791 Disconnect two connectors



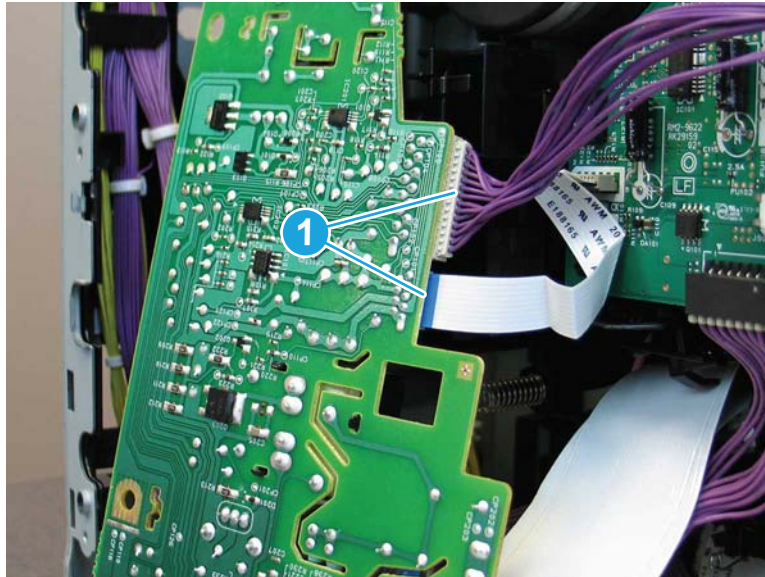
- b. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1792 Remove two screws and release two tabs



- c. Rotate the HVPS-T2 slightly away from the printer, and then disconnect two connectors (callout 1) to remove it.

**Figure 1-1793** Disconnect two connectors and remove the HVPS-T2



11. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: T2 connecting PCA (M751/E75245)

Learn how to remove and replace the T2 connecting PCA.



[View a video of how to remove and replace the T2 connecting PCA.](#)

Mean time to repair: 36 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-96 Part information**

Part number	Part description
RM2-9622-000CN	Connecting PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

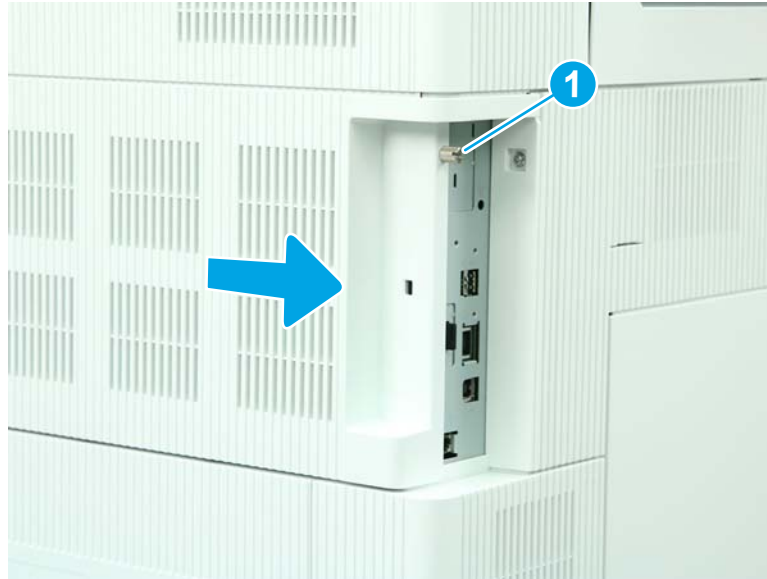
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

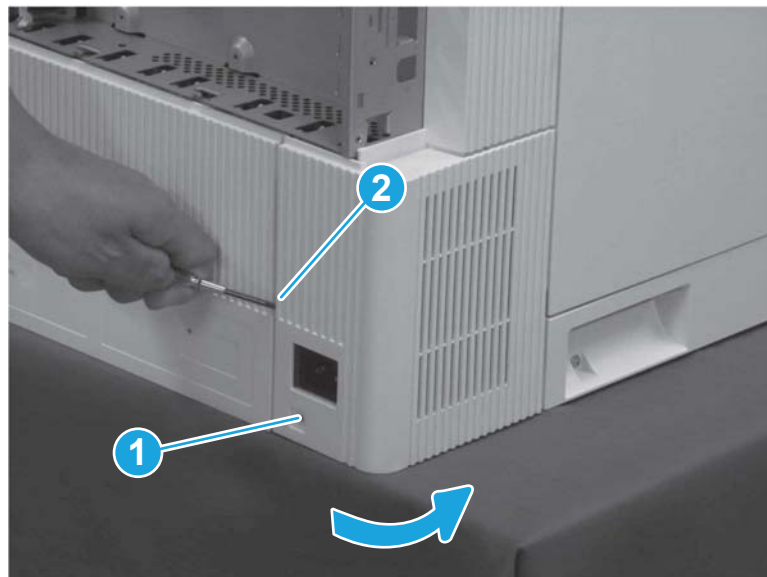
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1794 Remove the formatter cover



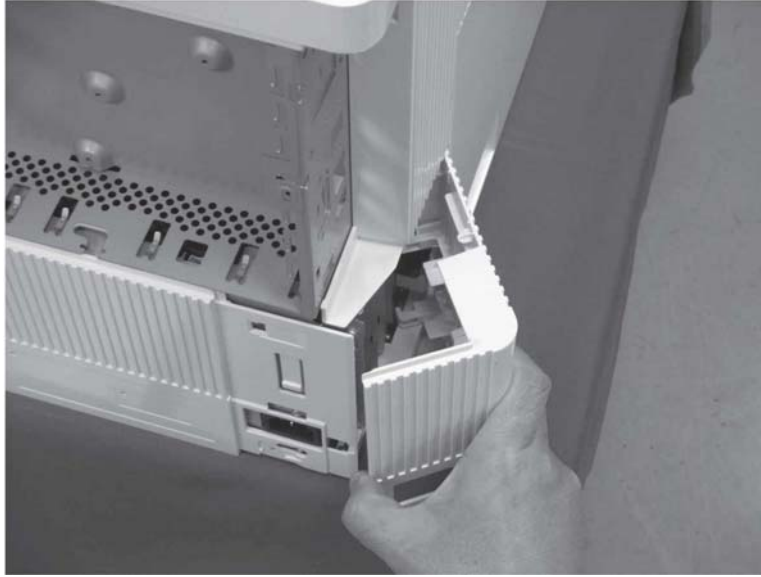
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1795 Remove one screw and release one tab



- b. Remove the left lower cover.

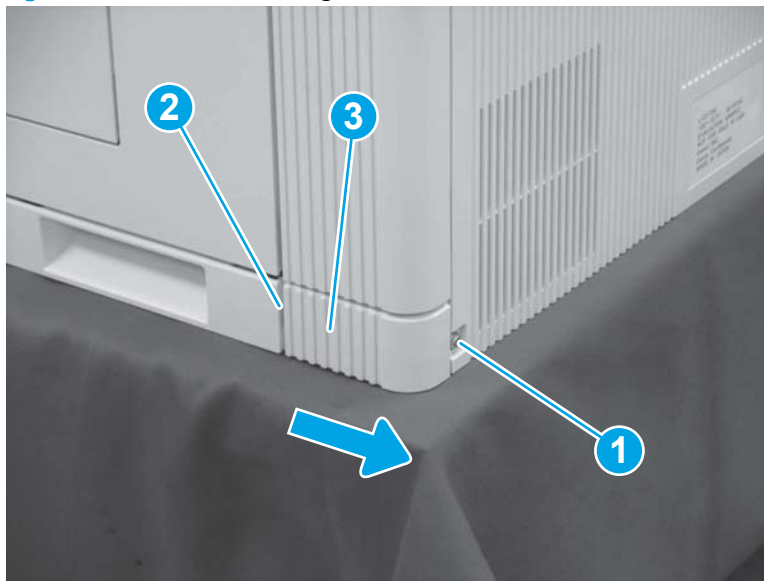
Figure 1-1796 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1797 Remove the right rear lower cover

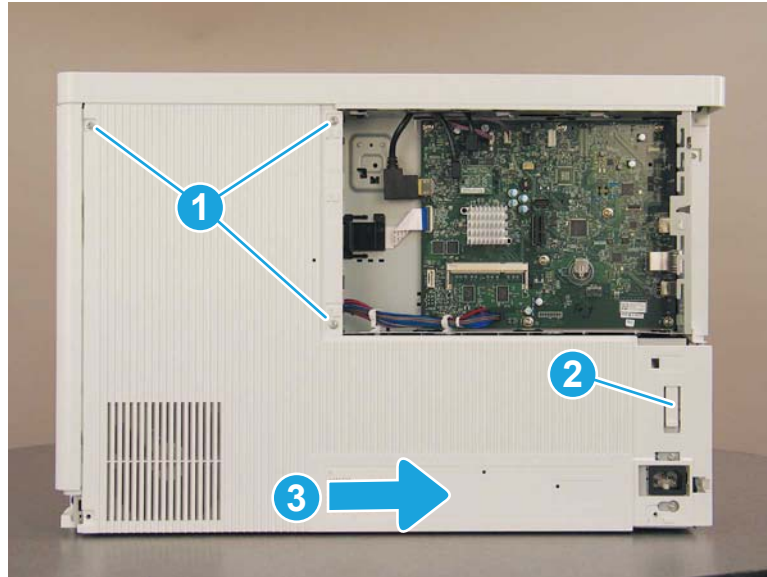


4. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.



Figure 1-1798 Remove the rear cover



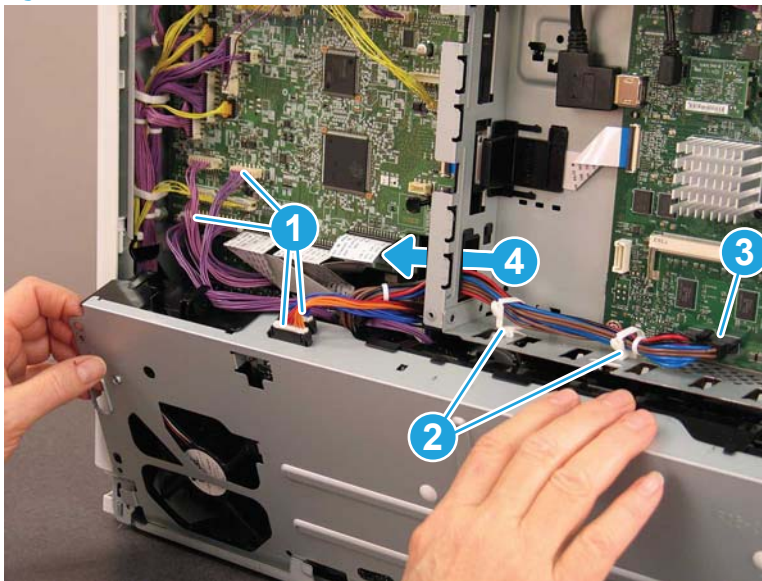
5. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-1799 Remove five screws



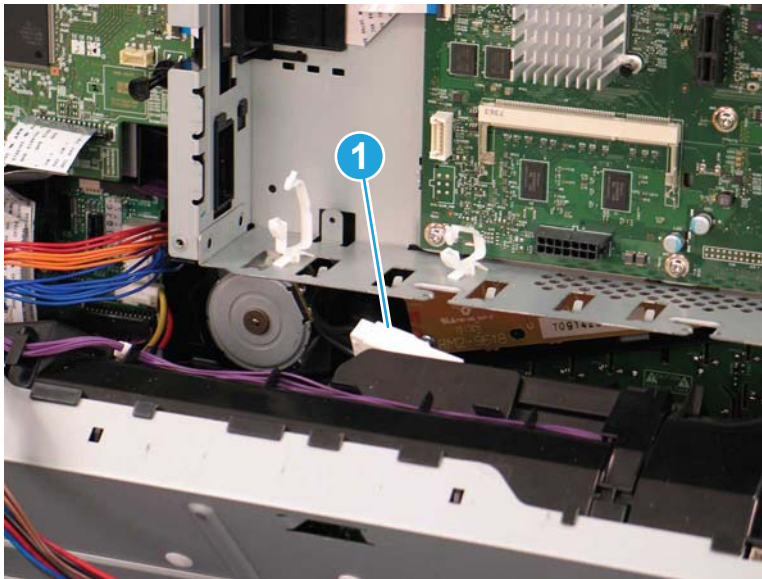
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-1800 Disconnect five connectors



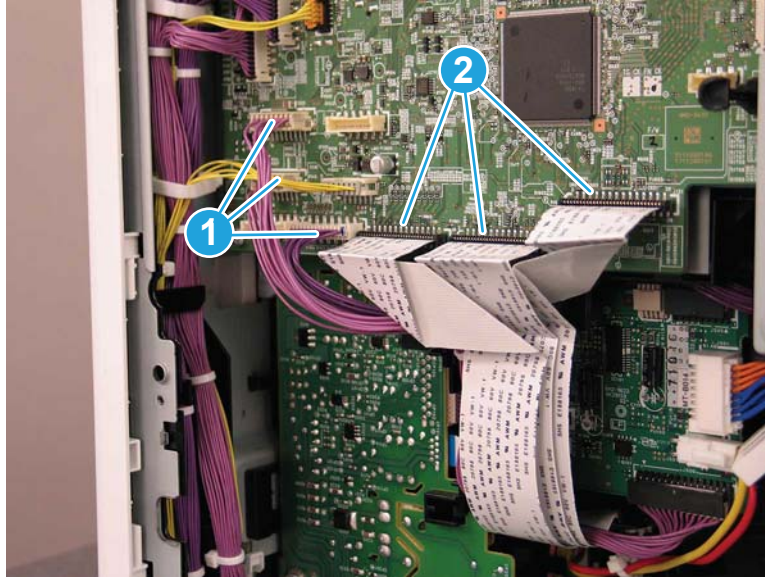
- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

Figure 1-1801 Remove the LVPS



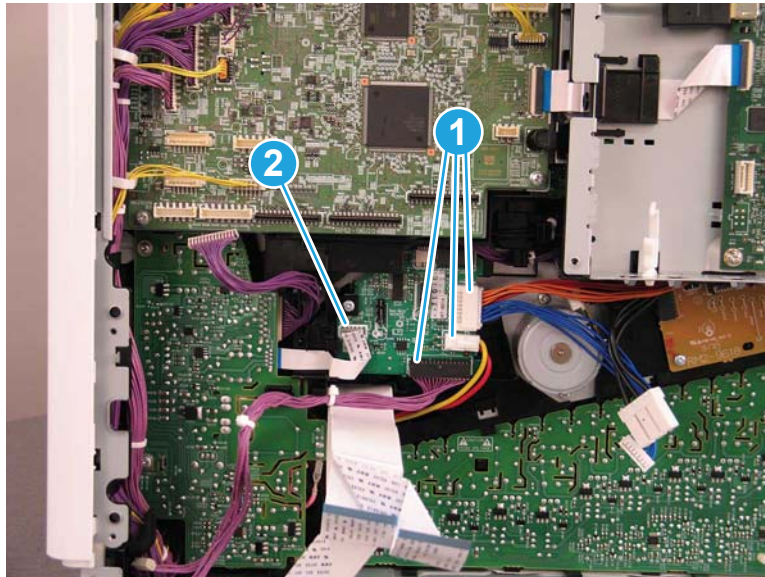
- 6. Remove the T2 connecting PCA.
  - a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

Figure 1-1802 Disconnect six connectors



- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-1803 Disconnect three connectors and one flat cable



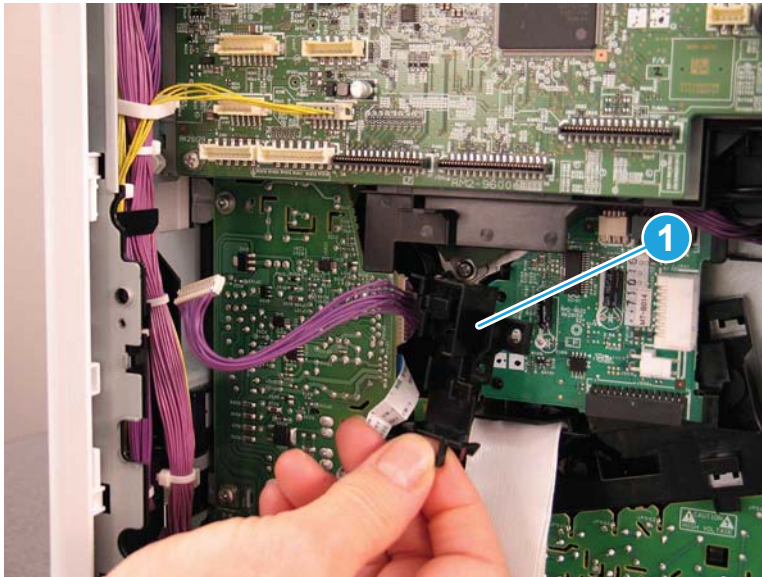
- c. Remove one screw (callout 1).

Figure 1-1804 Remove one screw



- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

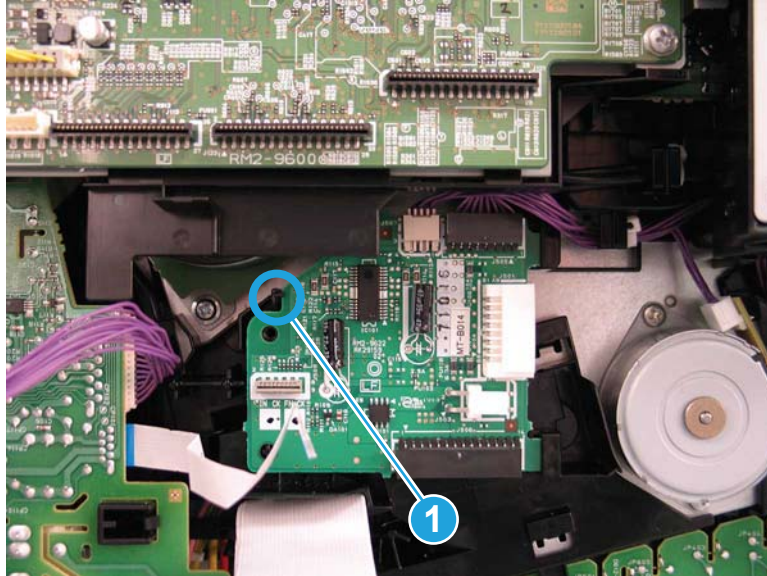
Figure 1-1805 Remove the cable guide



- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

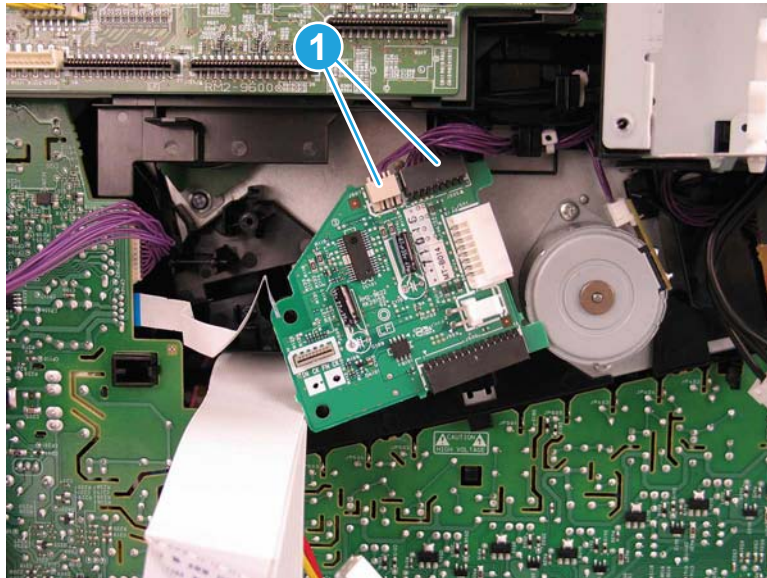
**CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

Figure 1-1806 Release one tab




- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

Figure 1-1807 Disconnect two connectors and remove the PCA



- 7. Unpack the replacement assembly.
  - a. Dispose of the defective part.



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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: T2 connecting PCA (M856/E85055/M776)

Learn how to remove and replace the T2 connecting PCA.

 [View a video of how to remove and replace the T2 connecting PCA.](#)


Mean time to repair: 36 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-97** Part information

Part number	Part description
RM2-9622-000CN	Connecting PCB assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

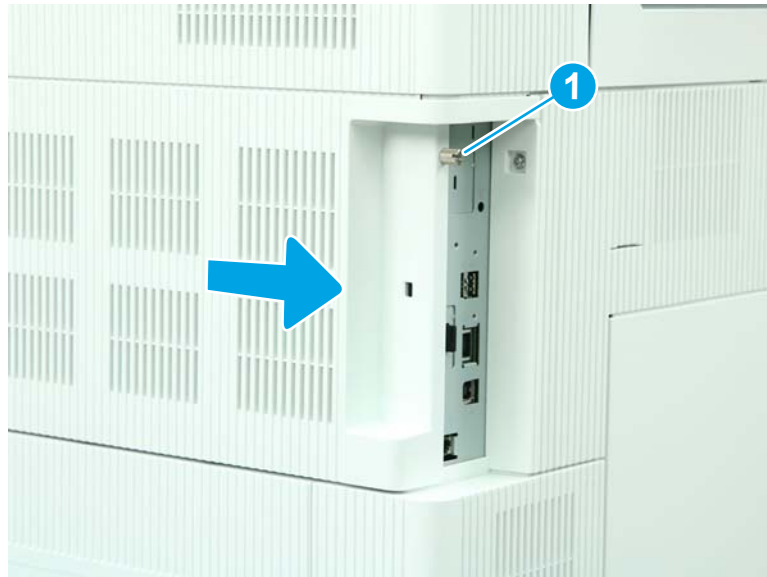
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

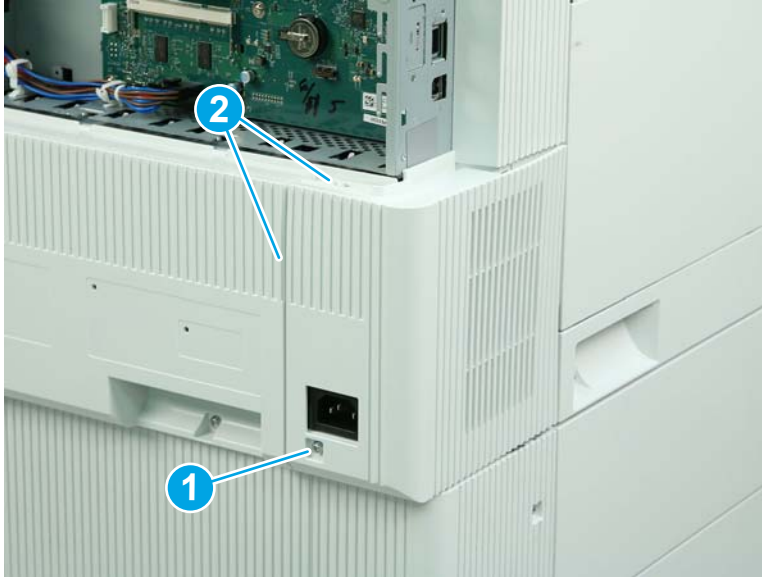
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1808** Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1809 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

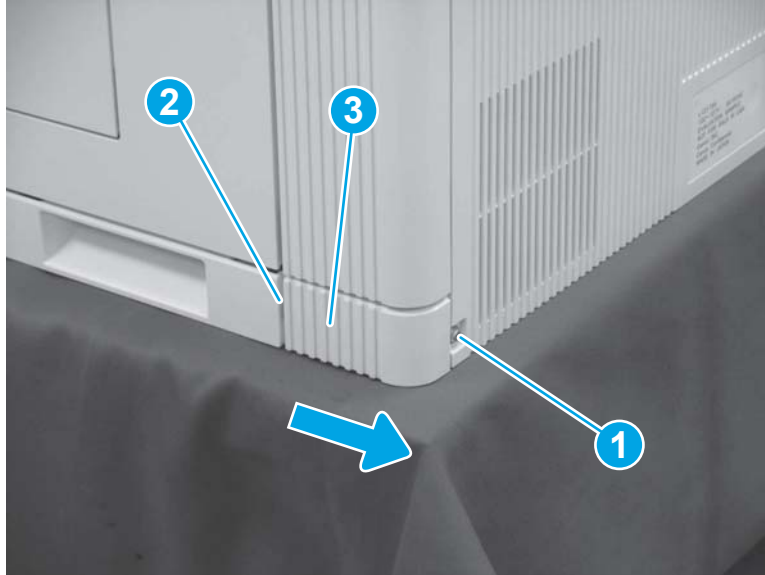
Figure 1-1810 Remove the left lower cover



- 3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

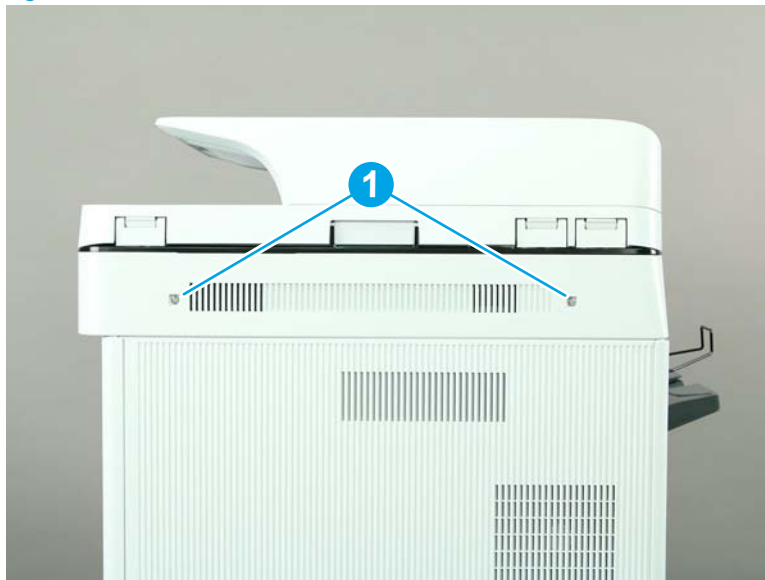


Figure 1-1811 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1812 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1813** Remove the SCB cover

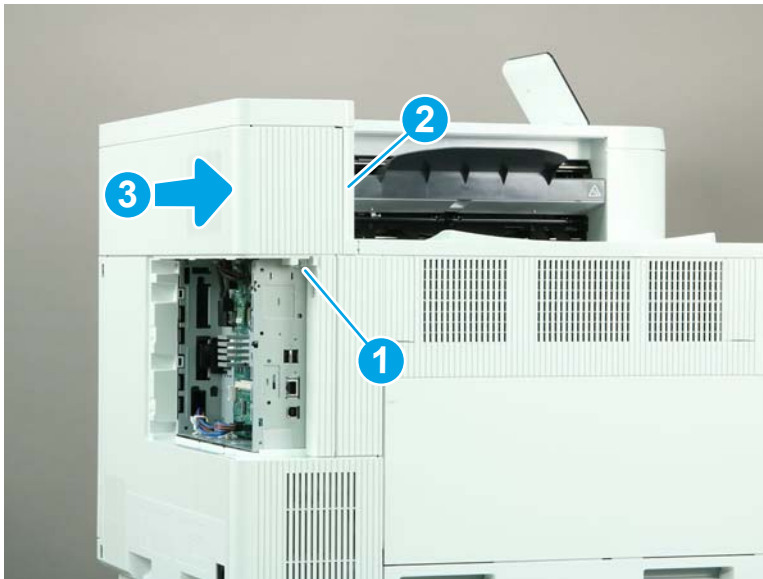


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

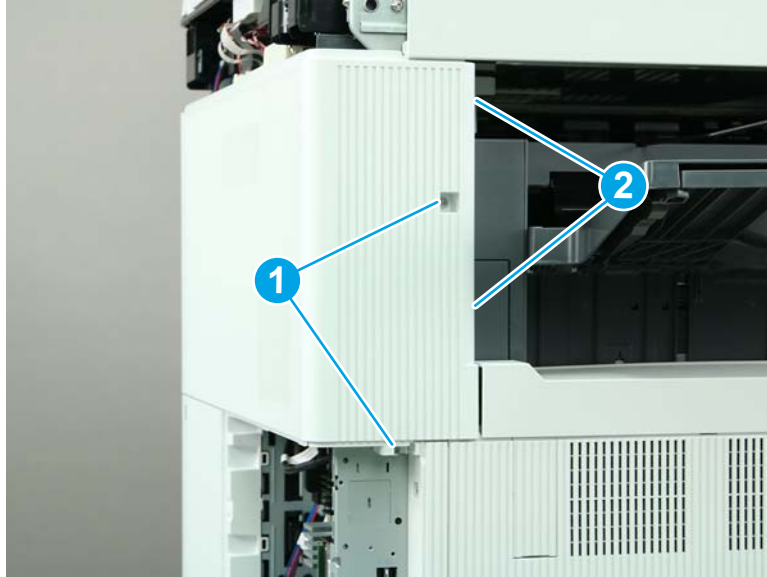
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-1814** Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1815 Remove two screws and release two tabs



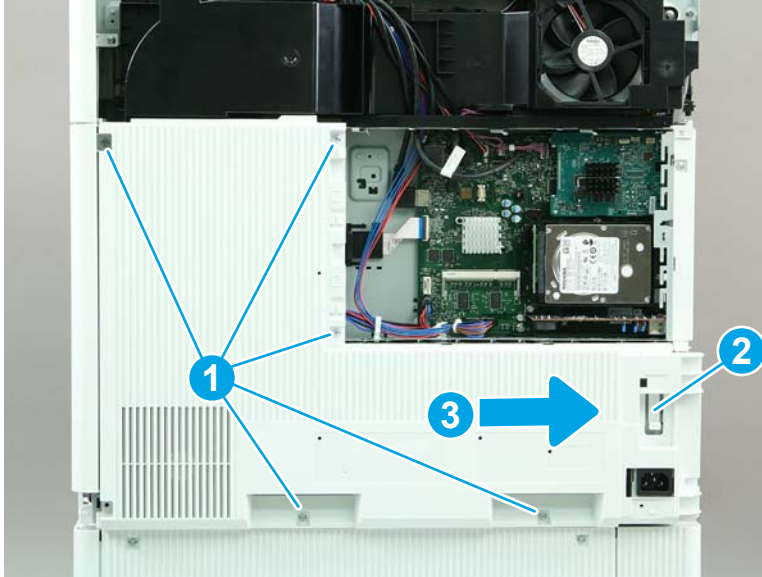
- b. Slide the cover to the right to remove it.

Figure 1-1816 Remove the rear upper and left rear upper cover



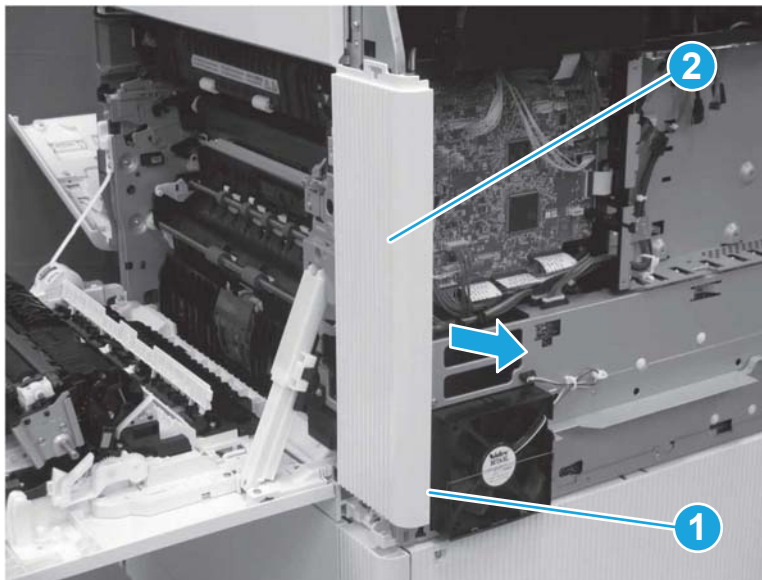
- 7. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1817 Remove the rear cover (M856/E85055/M776)



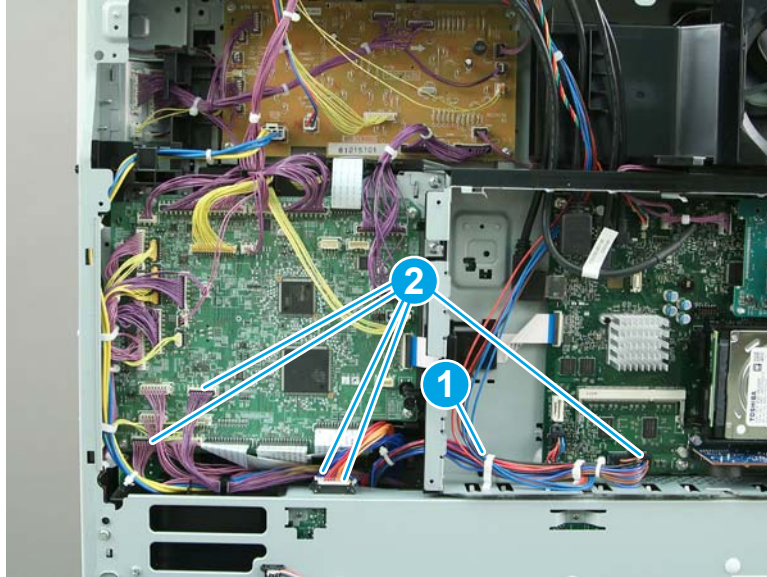
8. Remove the right rear cover (M856/E85055/M776).
  - ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

Figure 1-1818 Remove right rear cover



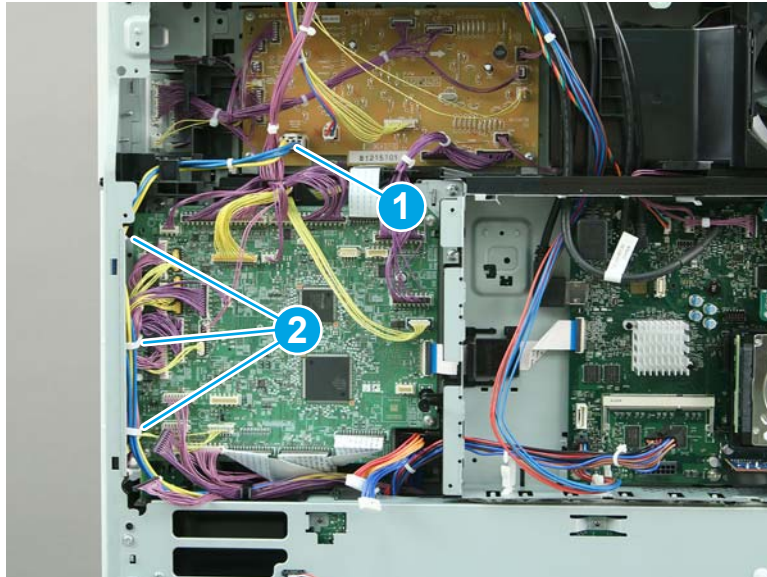
9. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-1819 Release the retainer and disconnect five connectors



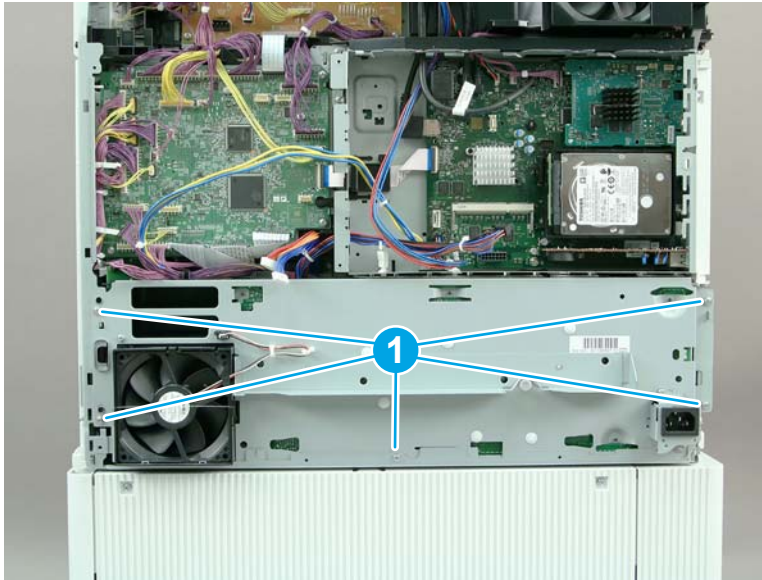
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-1820 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-1821 Remove five screws



- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

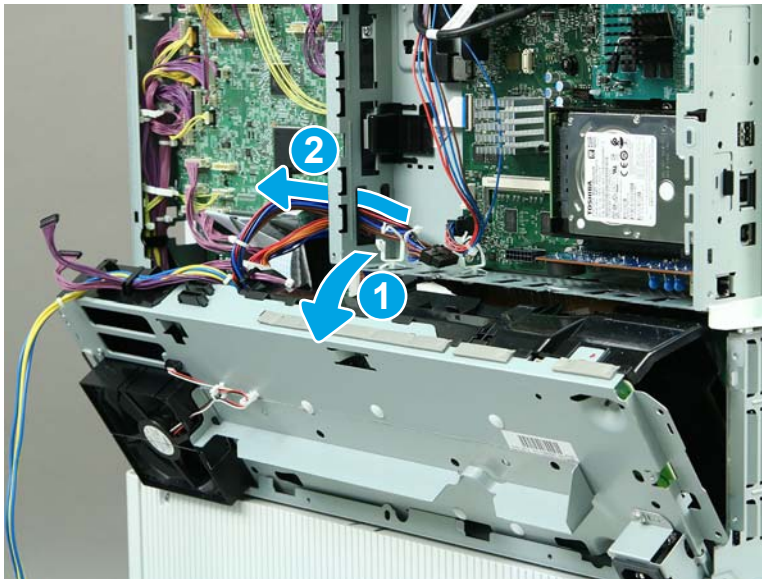
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 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

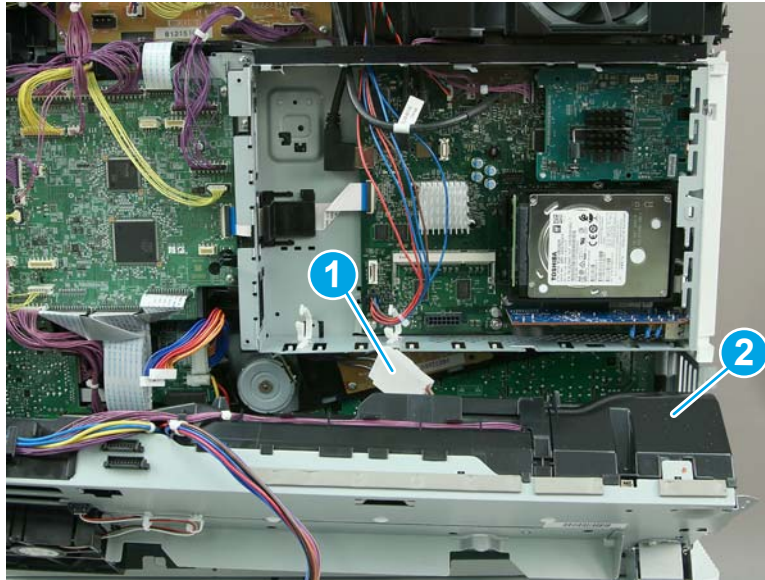
---

Figure 1-1822 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

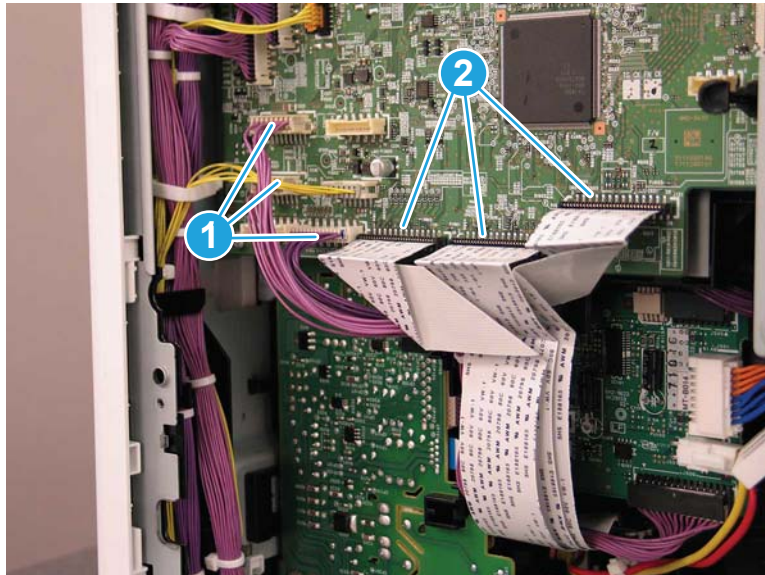
Figure 1-1823 Remove the LVPS



- 10. Remove the T2 connecting PCA.

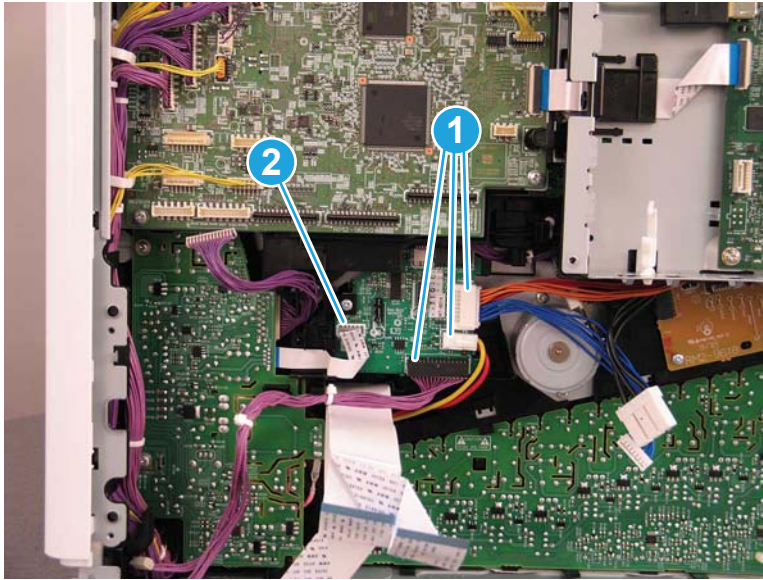
- a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

Figure 1-1824 Disconnect six connectors



- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-1825 Disconnect three connectors and one flat cable



- c. Remove one screw (callout 1).

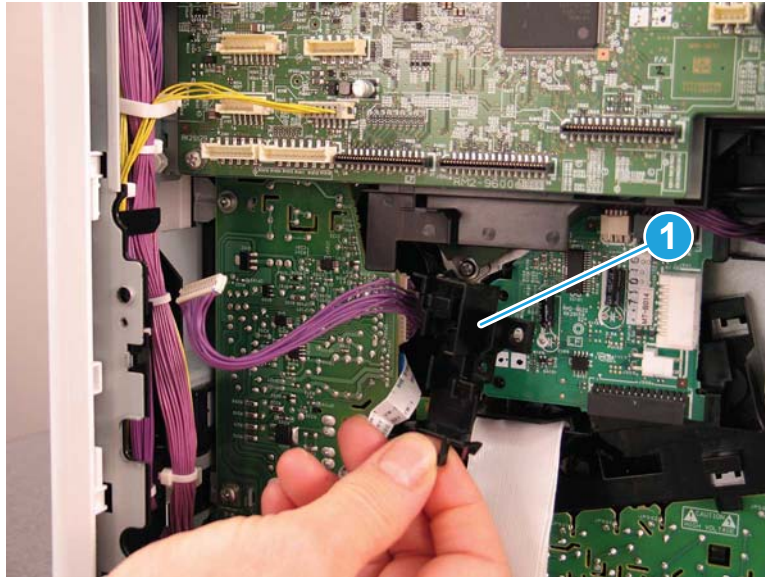
Figure 1-1826 Remove one screw





- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

Figure 1-1827 Remove the cable guide



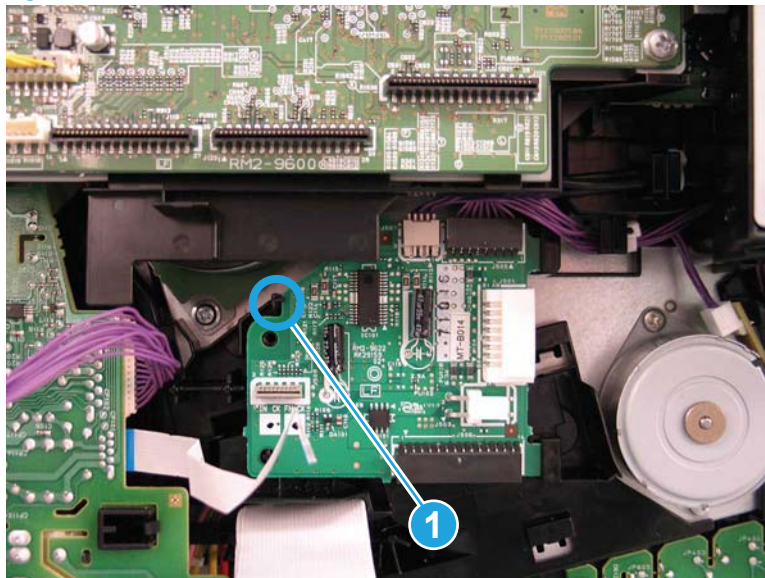
- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

---

**⚠ CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

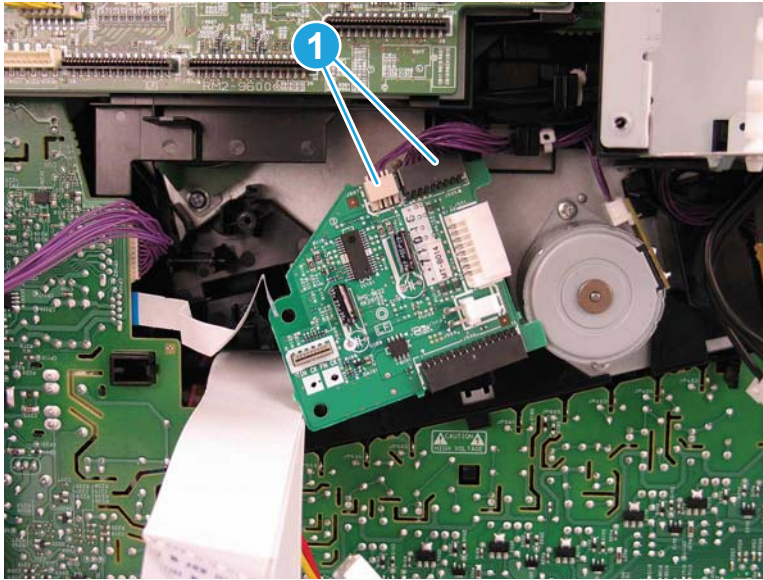
---

Figure 1-1828 Release one tab



- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

**Figure 1-1829** Disconnect two connectors and remove the PCA



11. Unpack the replacement assembly.

- a. Dispose of the defective part.

---



 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.

---

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Environmental sensor PCA (M751/E75245)

Learn how to remove and replace the environmental sensor PCA.

 [View a video of how to remove and replace the environmental sensor PCA.](#)

Mean time to repair: 14 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-98 Part information**

Part number	Part description
RM2-9620-000CN	Environmental sensor PCB assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

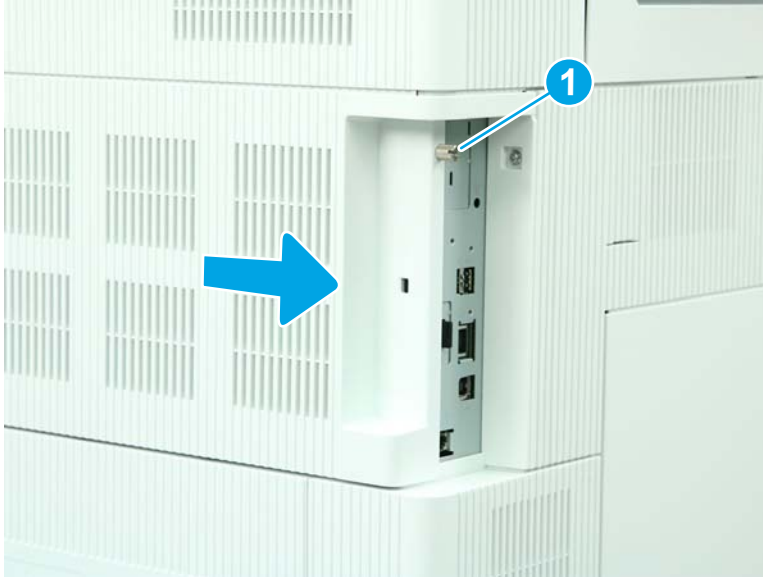
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

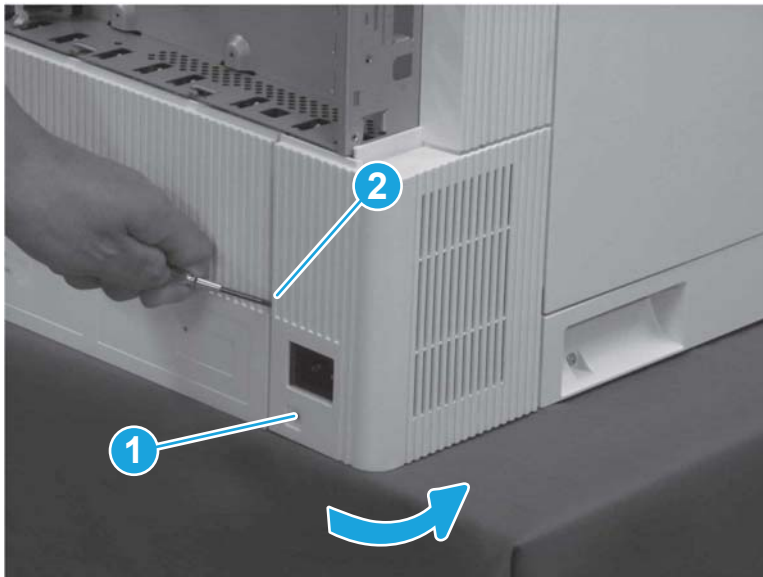
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1830 Remove the formatter cover



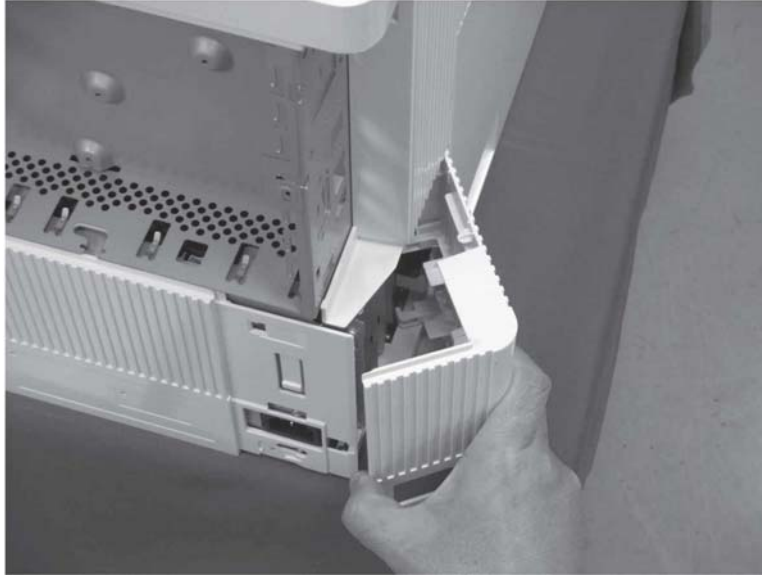
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1831 Remove one screw and release one tab



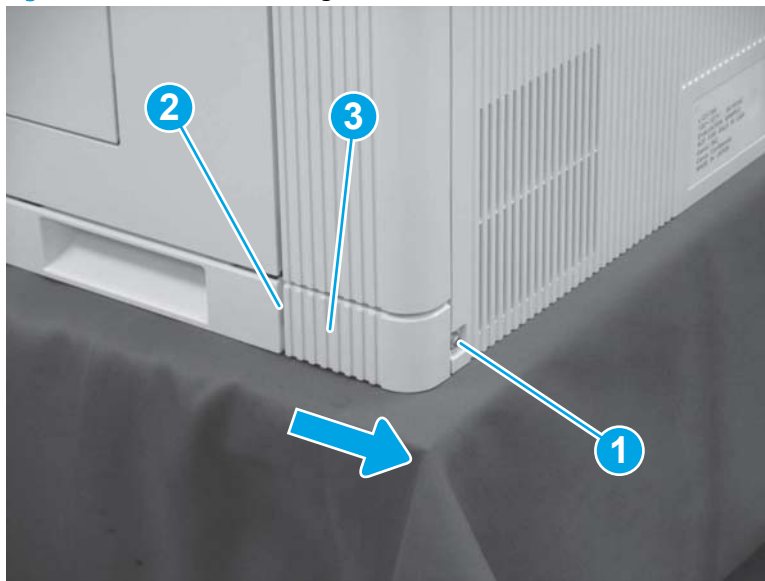
- b. Remove the left lower cover.

Figure 1-1832 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1833 Remove the right rear lower cover



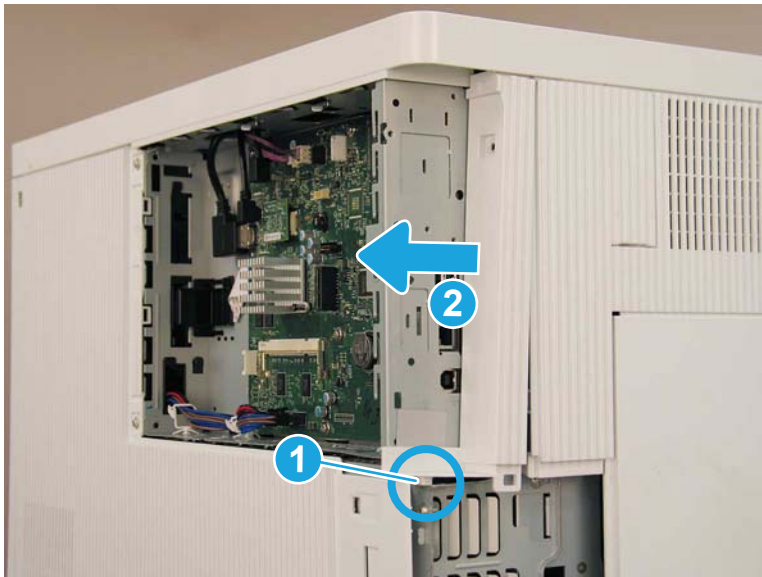
4. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1834 Remove one screw



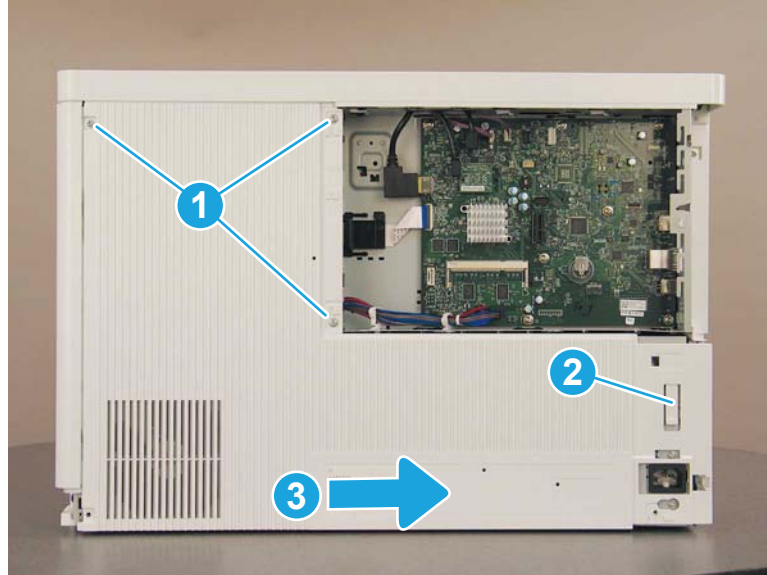
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-1835 Remove the left rear cover



- 5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1836 Remove the rear cover

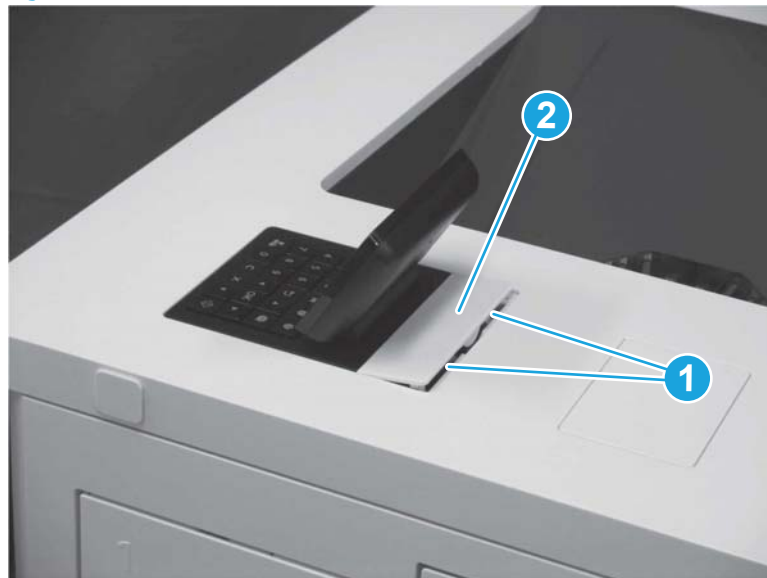


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1837 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1838 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

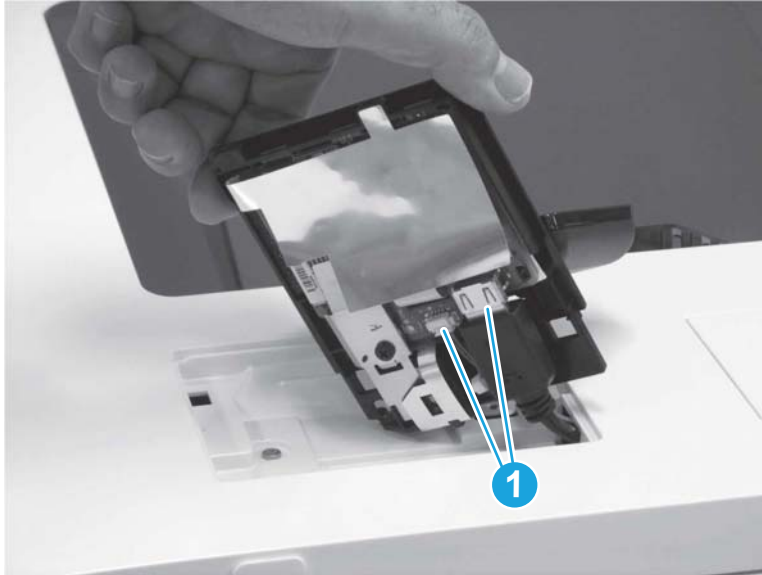
Figure 1-1839 Slide the control panel back





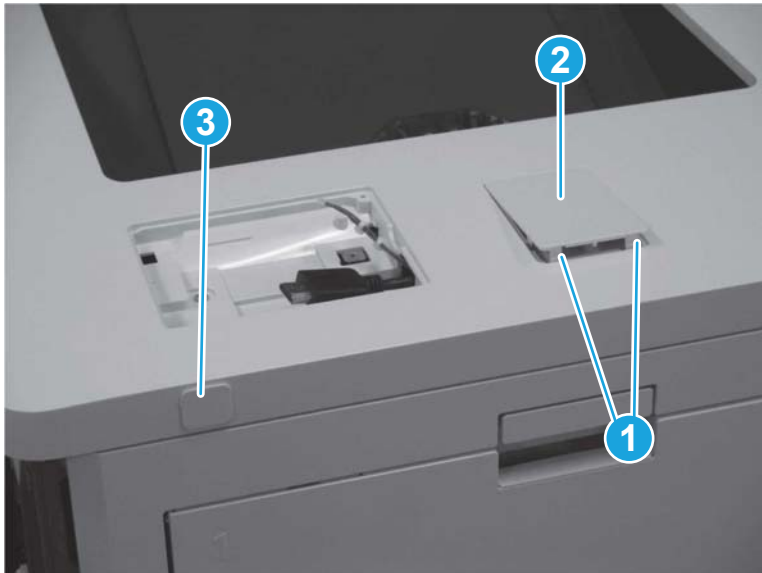
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1840** Disconnect two connectors



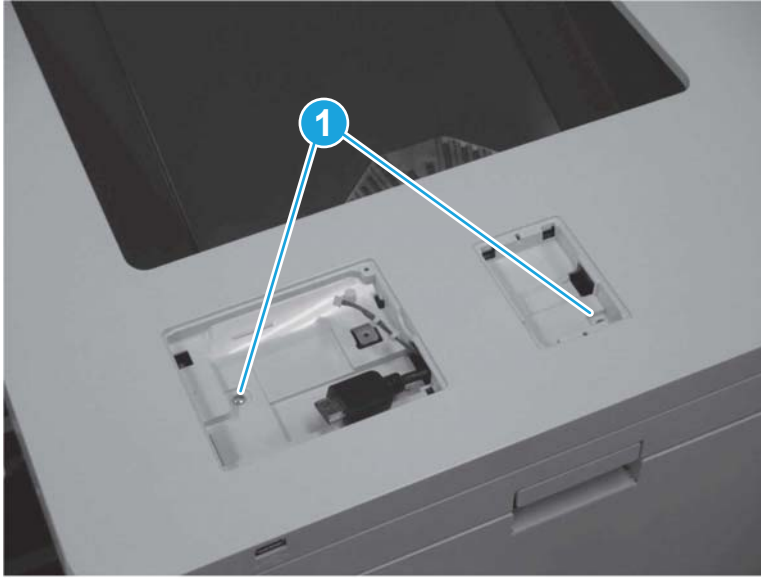
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

**Figure 1-1841** Remove the HIP cover and USB cap



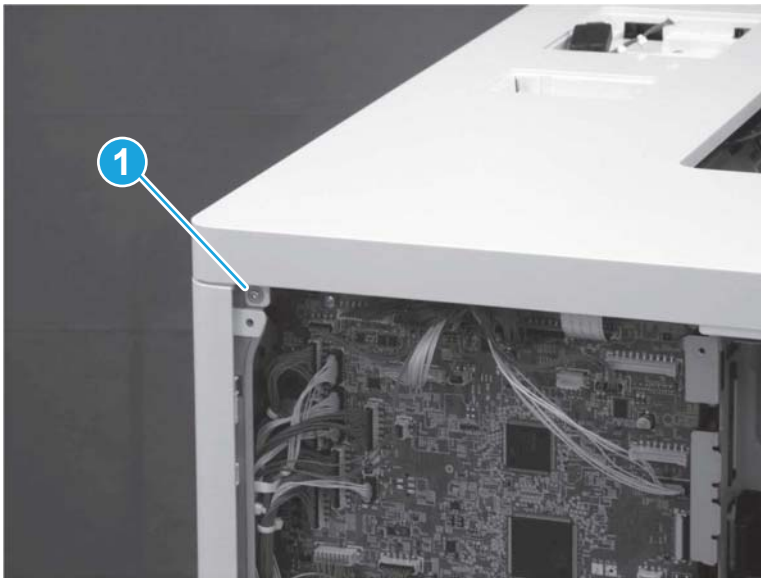
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1842 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1843 Remove one screw

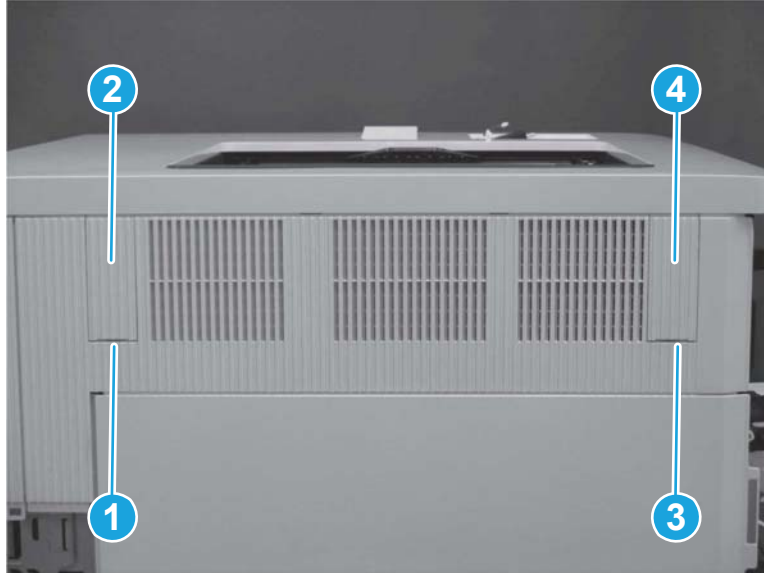


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

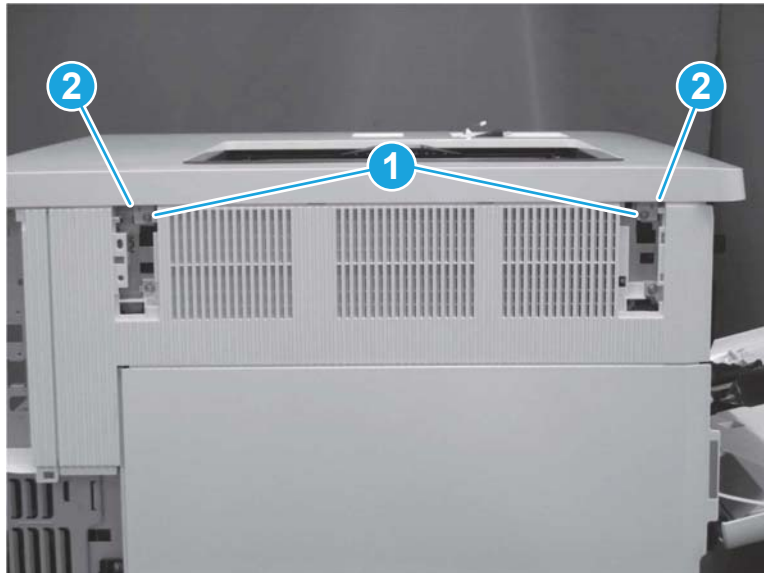
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-1844** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1845** Remove two screws and release two tabs



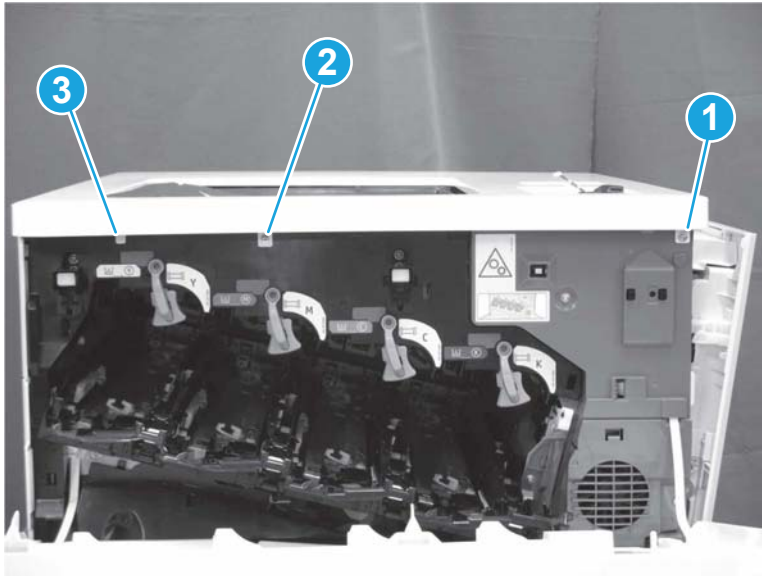
- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

---

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

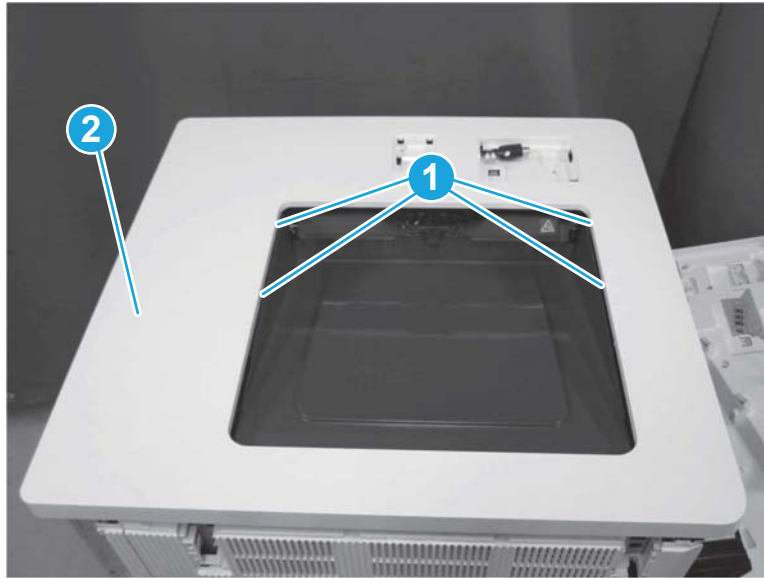
---

**Figure 1-1846** Remove two screws and release one tab

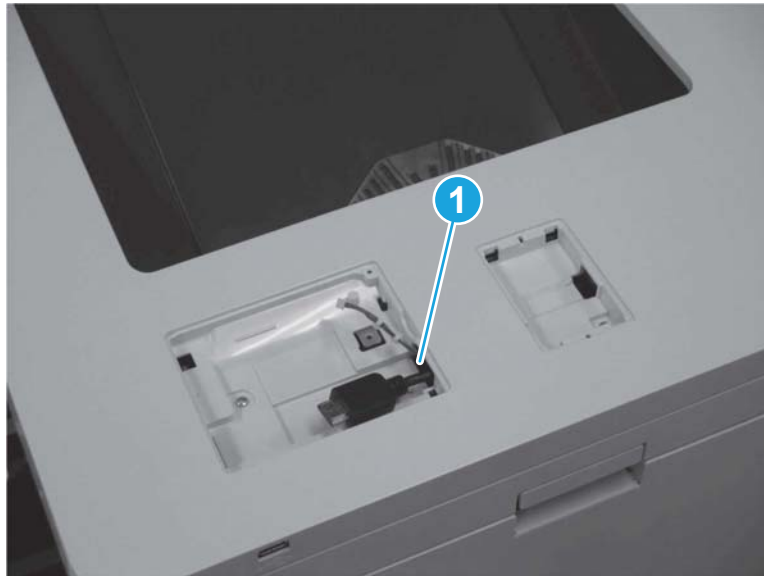


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-1847 Remove the top cover

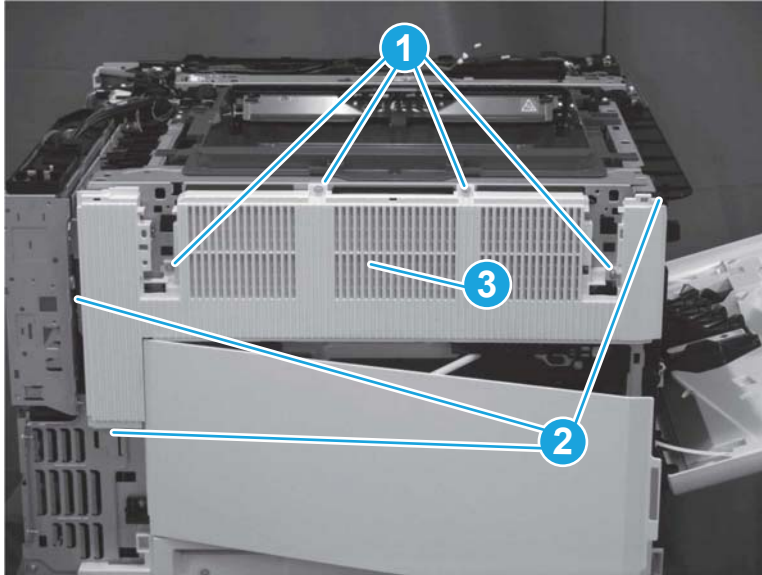


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the left upper cover (M751/E75245).
- ▲ Remove four screws (callout 1), release three tabs (callout 2), and then remove the left upper cover (callout 3).


Figure 1-1848 Remove the left upper cover



9. Remove the environmental sensor PCA.

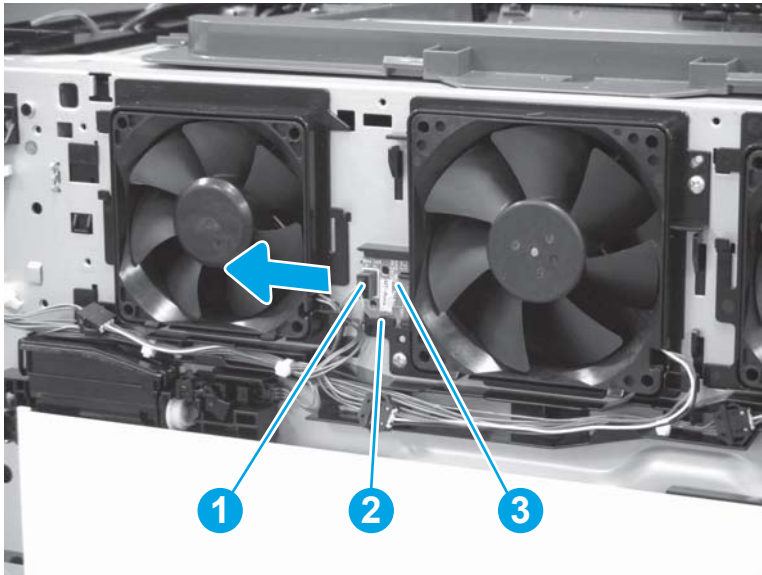
- ▲ Disconnect one connector (callout 1), release one tab (callout 2), and then slide the environmental sensor PCA away from the printer to remove it.

---

 **IMPORTANT:** When reinstalling the fuser fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.

---

Figure 1-1849 Remove the environmental sensor PCA





10. Unpack the replacement assembly.


- a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Environmental sensor PCA (M856/E85055/M776)

Learn how to remove and replace the environmental sensor PCA.

 [View a video of how to remove and replace the environmental sensor PCA.](#)


Mean time to repair: 14 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-99 Part information

Part number	Part description
RM2-9620-000CN	Environmental sensor PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

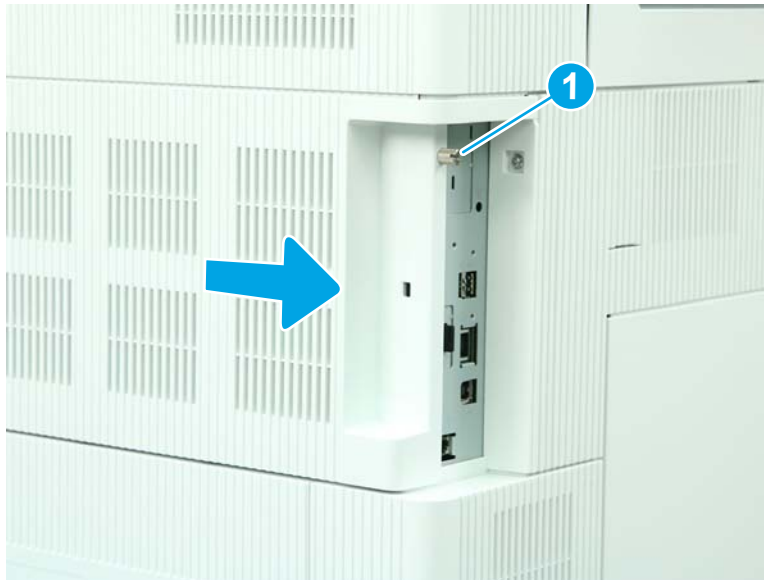
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

#### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1850 Remove the formatter cover

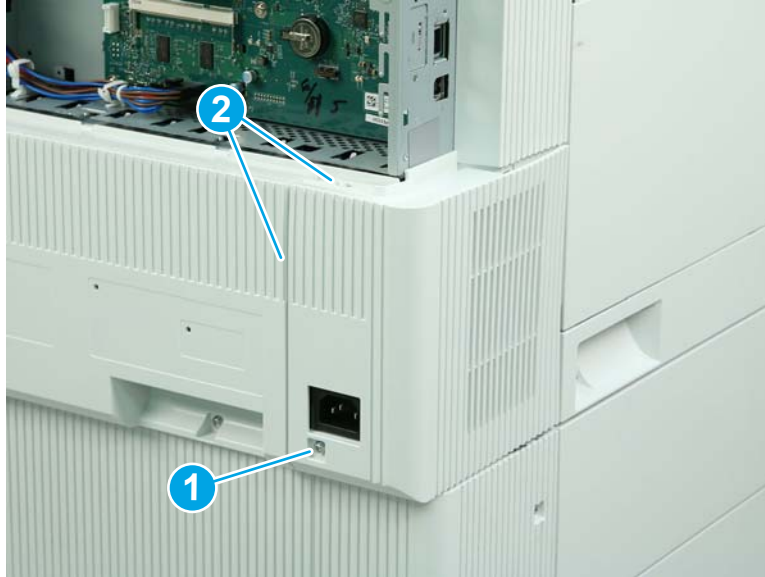


#### 2. Remove the left lower cover (M856/E85055/M776).

- a. Remove one screw (callout 1), and then release two tabs (callout 2).



**Figure 1-1851** Remove one screw and release two tabs



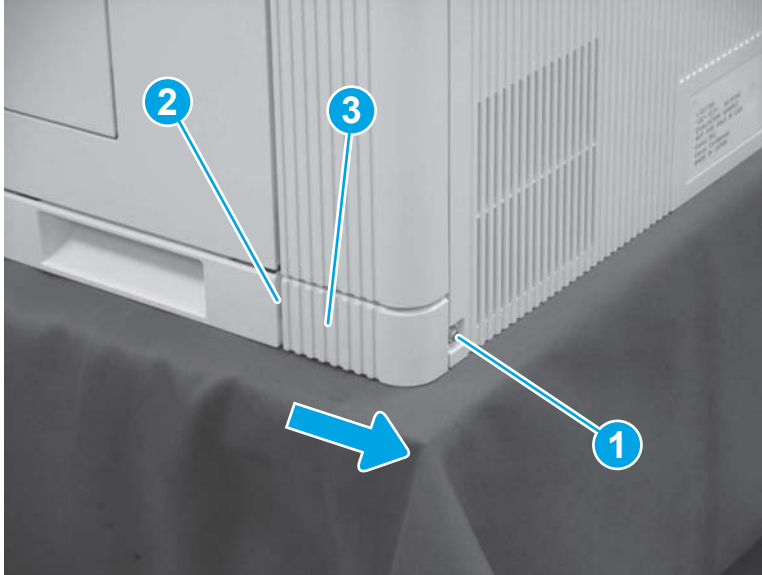
- b. Rotate the cover away from the printer to remove it.

**Figure 1-1852** Remove the left lower cover



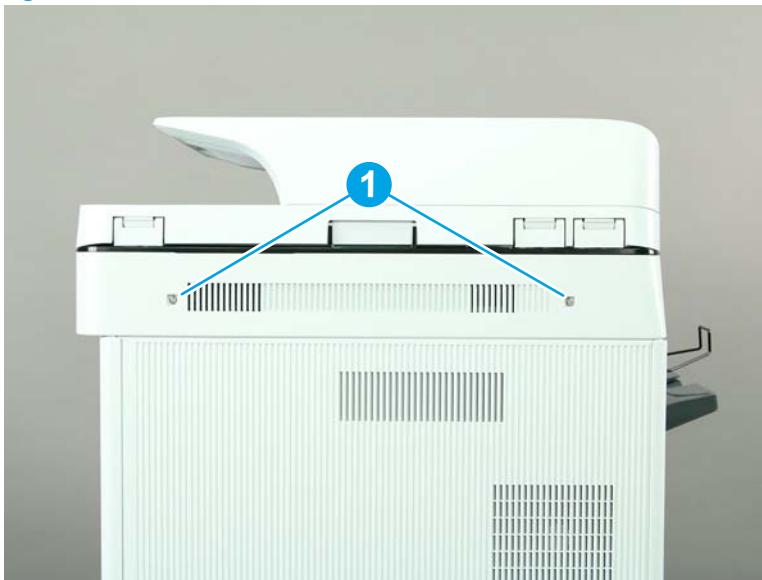
- 3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1853 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1854 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1855** Remove the SCB cover

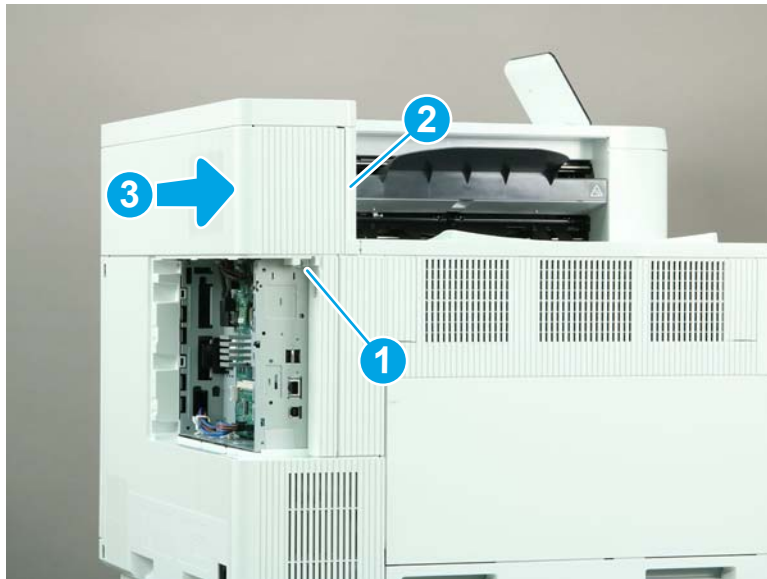


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

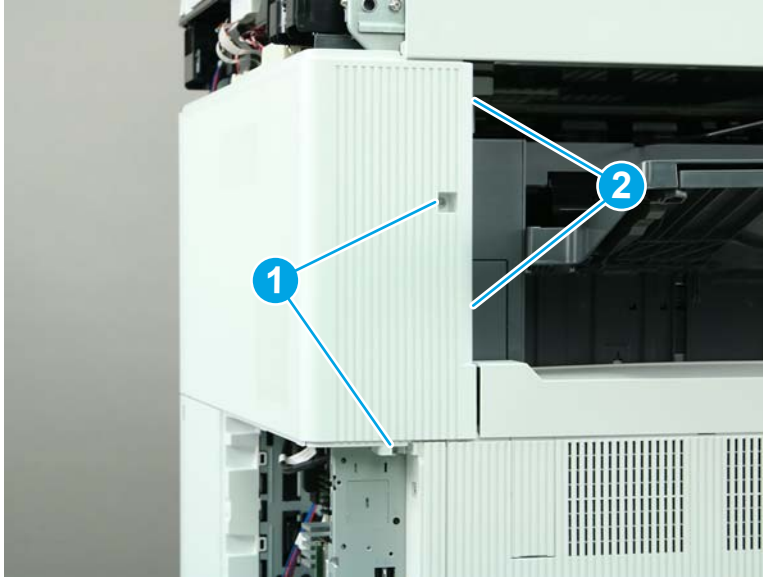
**Figure 1-1856** Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).

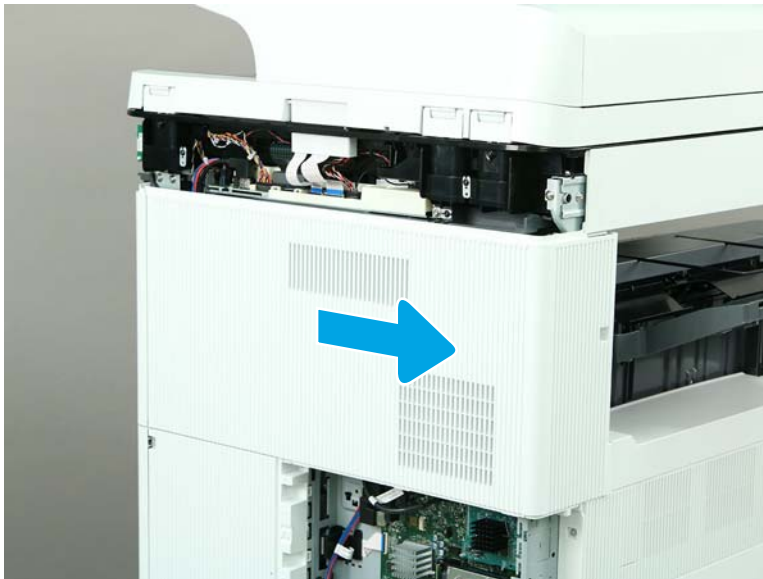
- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1857 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-1858 Remove the rear upper and left rear upper cover



- 7. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1859 Remove one screw



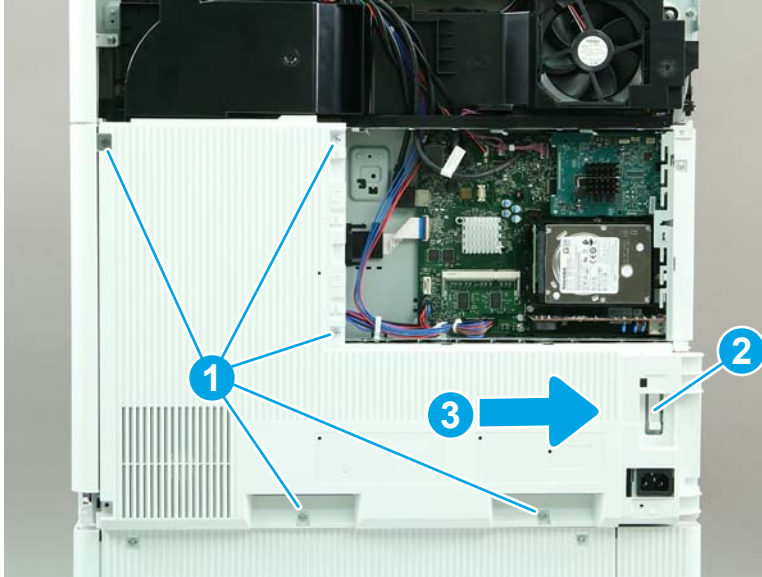
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-1860 Remove the left rear cover



- 8. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1861 Remove the rear cover (M856/E85055/M776)



9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1862 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1863 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1864 Slide the control panel back



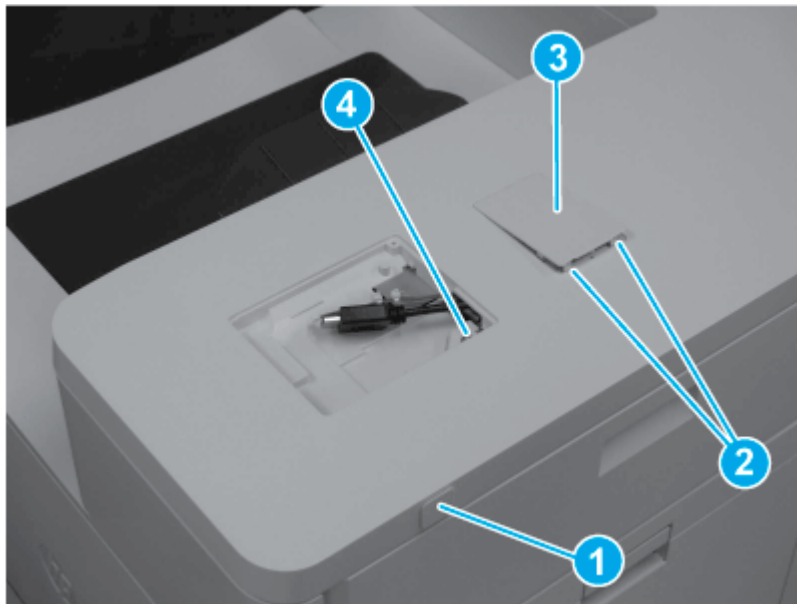
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-1865 Disconnect two connectors



- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

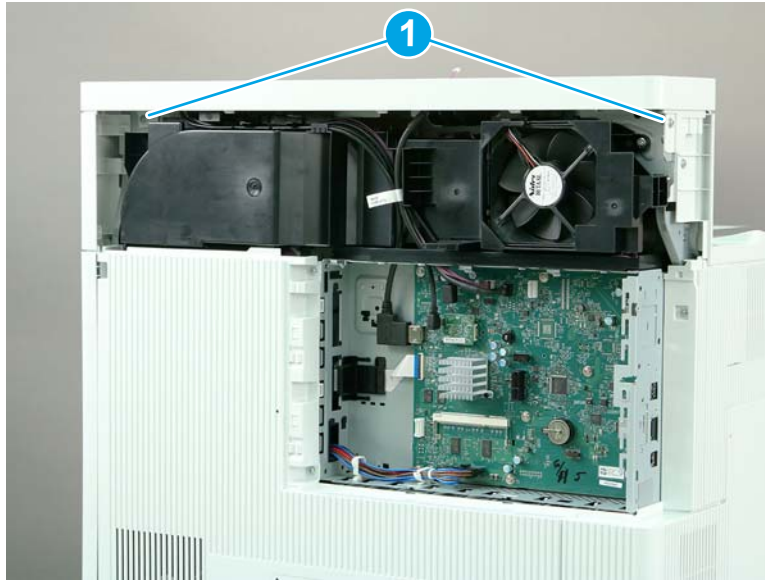
Figure 1-1866 Remove covers and one screw





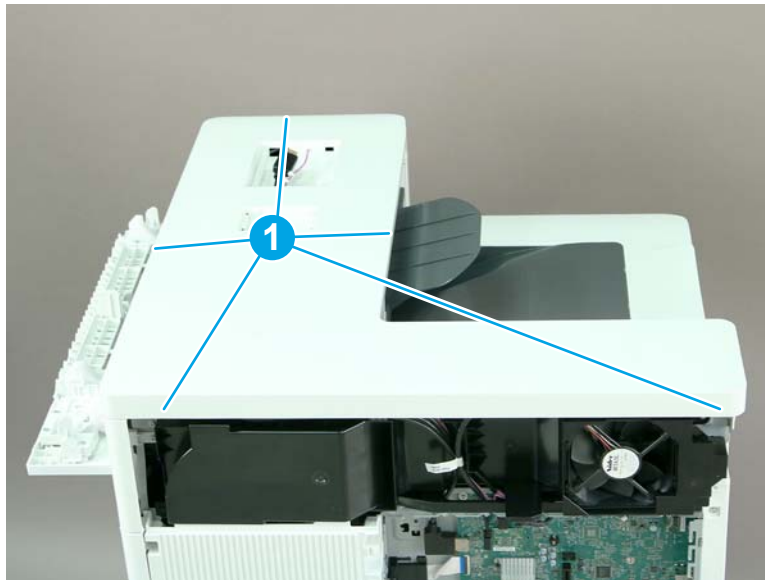
- f. Remove two screws (callout 1).

**Figure 1-1867** Remove two screws




- g. Release five tabs (callout 1), and then remove the top cover.

**Figure 1-1868** Release five tabs

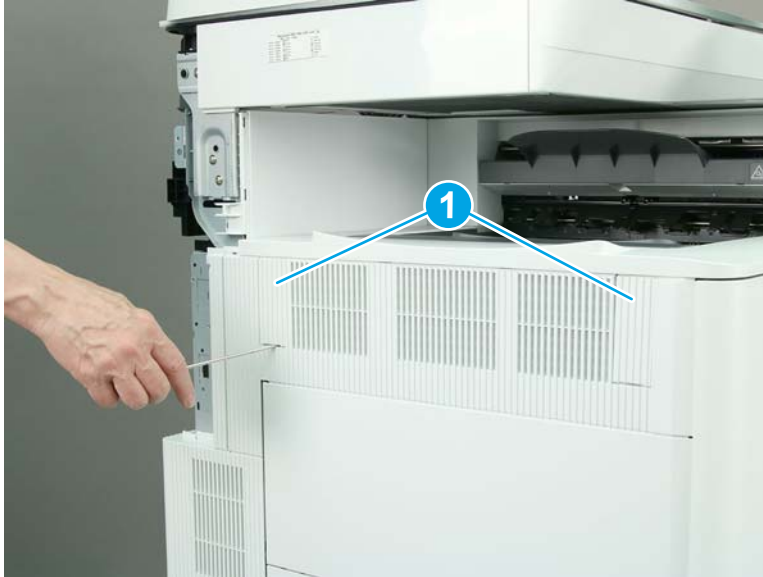


- 10. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

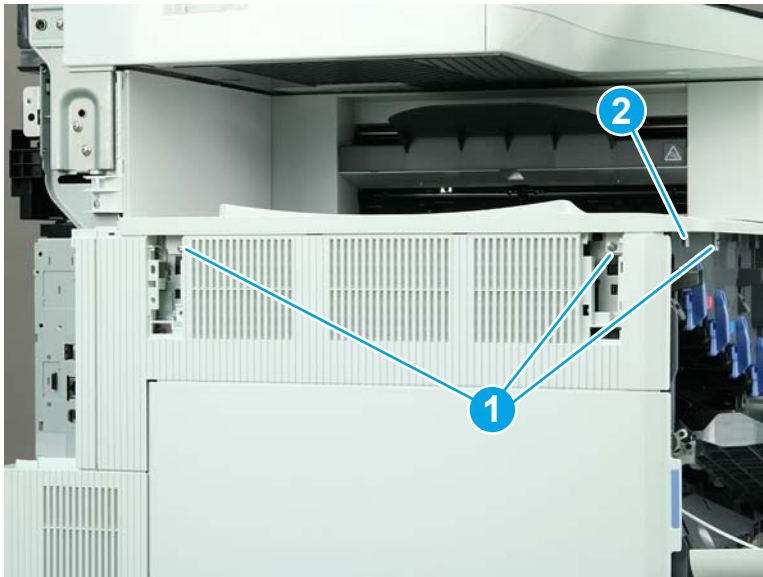
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-1869 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-1870 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-1871** Remove the accessory upper cover

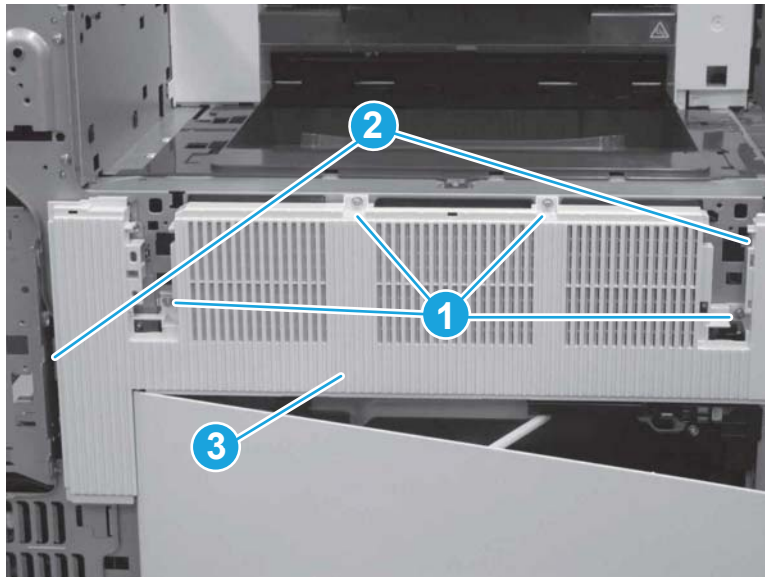


- 11. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.


- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

**Figure 1-1872** Remove the left upper cover

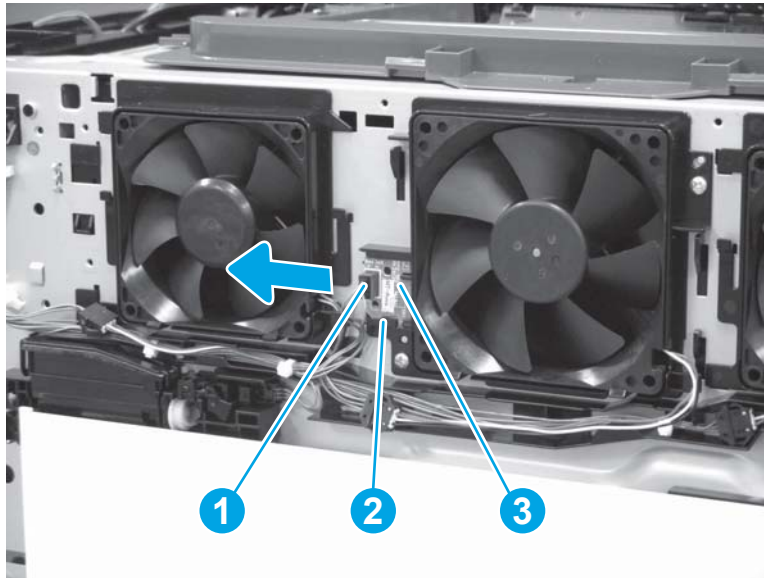


- 12. Remove the environmental sensor PCA.

- ▲ Disconnect one connector (callout 1), release one tab (callout 2), and then slide the environmental sensor PCA away from the printer to remove it.


 **IMPORTANT:** When reinstalling the fuser fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.

**Figure 1-1873** Remove the environmental sensor PCA





13. Unpack the replacement assembly.


a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Memory PCA (M751/E75245)

Learn how to remove and replace the memory PCA.

 [View a video of how to remove and replace the memory PCA.](#)


Mean time to repair: 7 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-100** Part information

Part number	Part description
RM2-7138-000CN	Memory PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

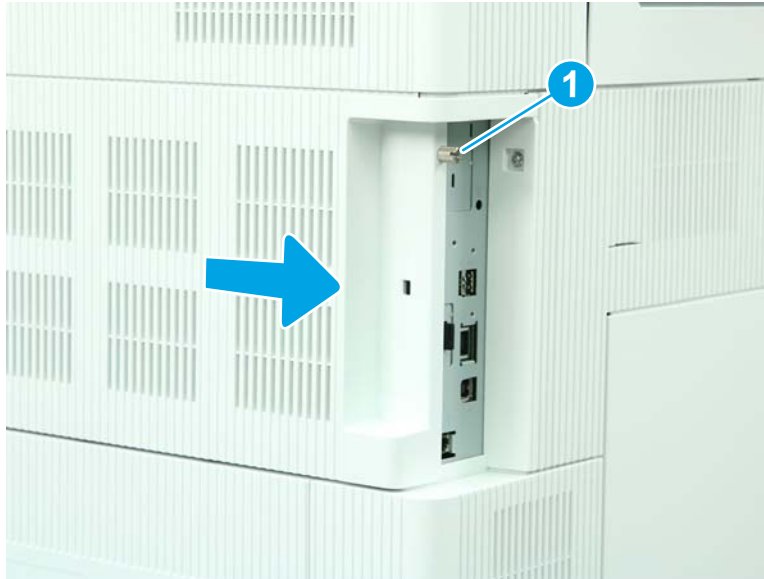
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

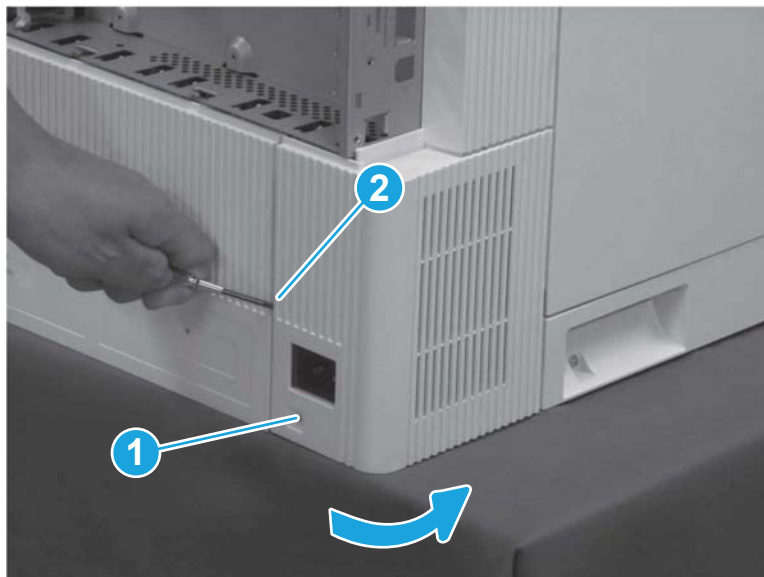
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1874 Remove the formatter cover



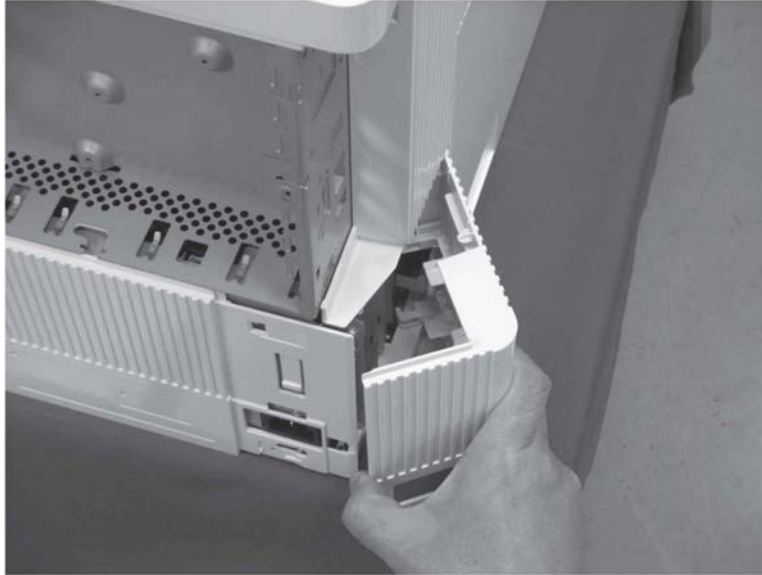
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1875 Remove one screw and release one tab



- b. Remove the left lower cover.

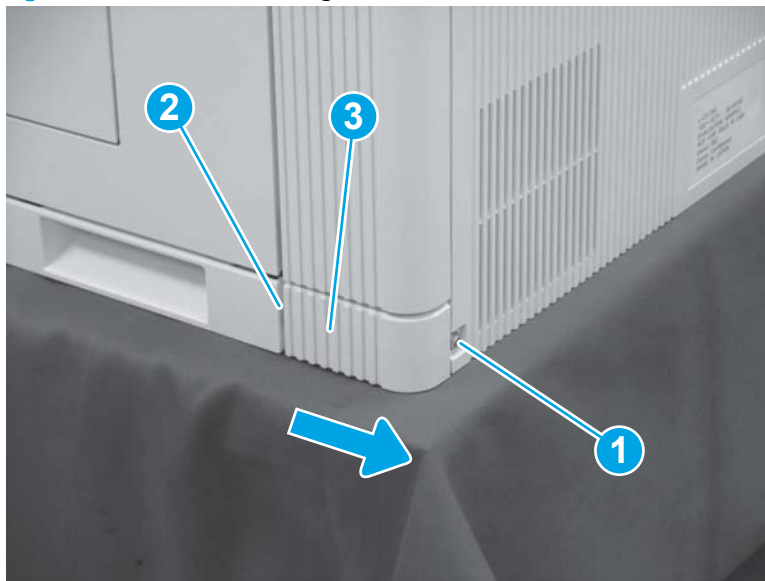
**Figure 1-1876** Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

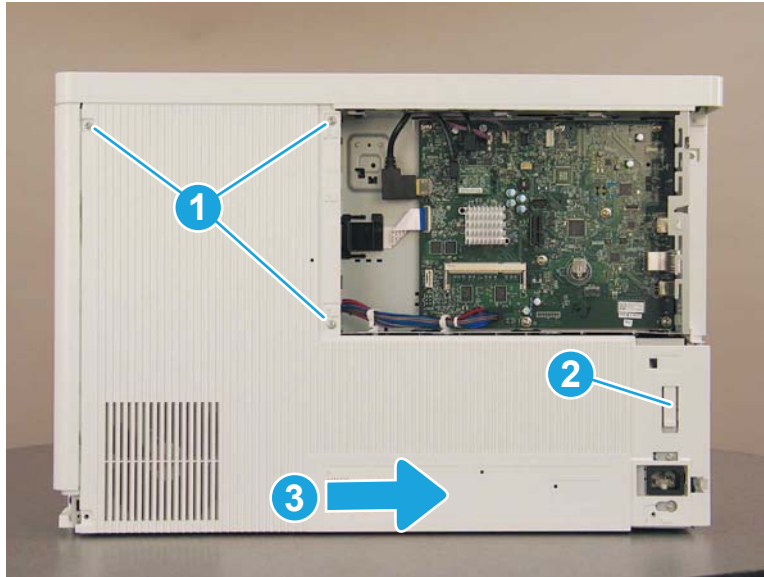
**Figure 1-1877** Remove the right rear lower cover




4. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1878 Remove the rear cover

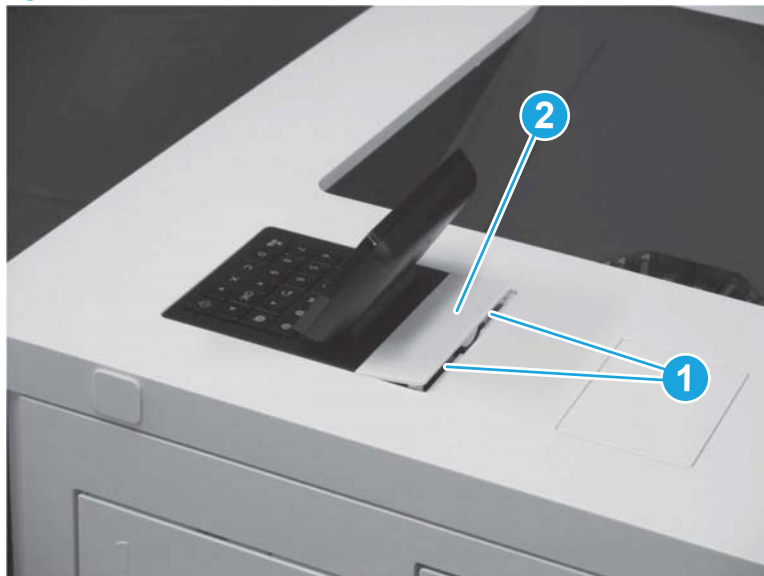


5. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1879 Remove the control panel cover





- b. Remove one screw (callout 1).

Figure 1-1880 Remove one screw



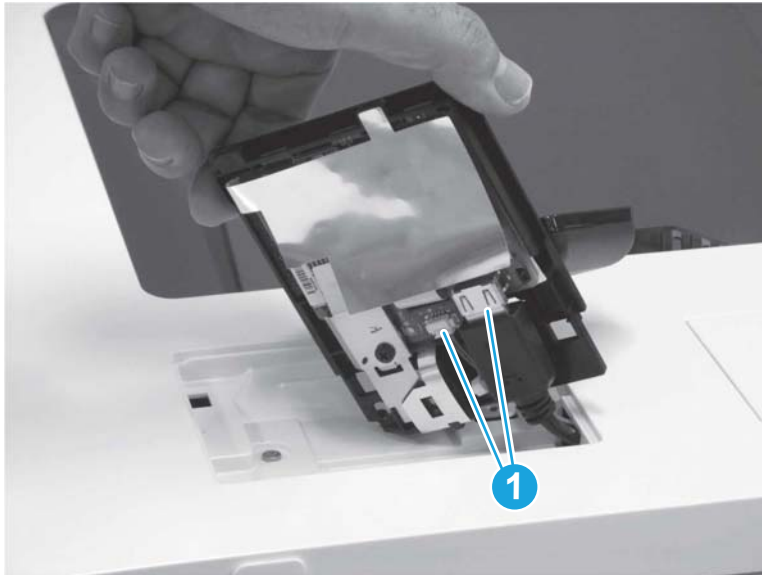
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1881 Slide the control panel back



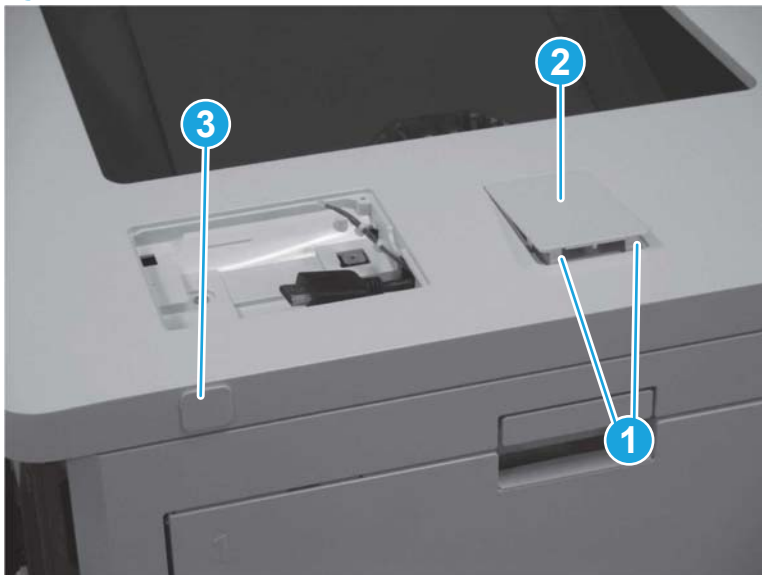
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-1882 Disconnect two connectors



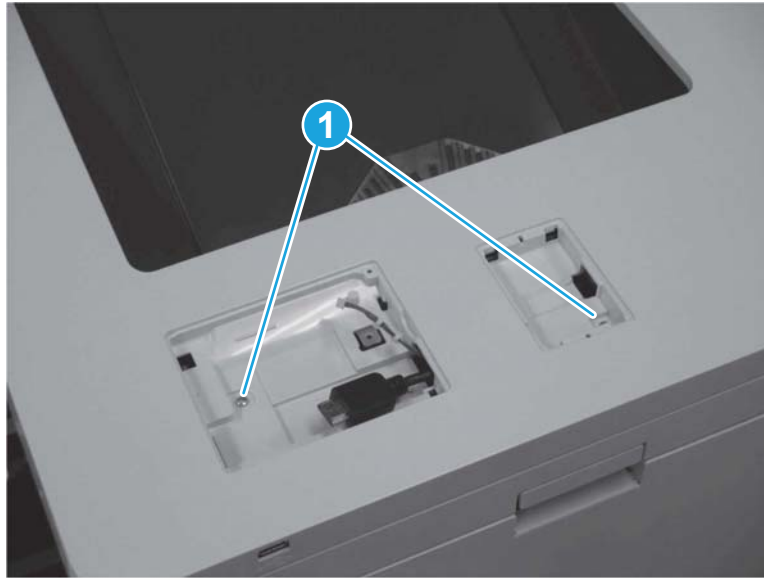
- 6. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1883 Remove the HIP cover and USB cap



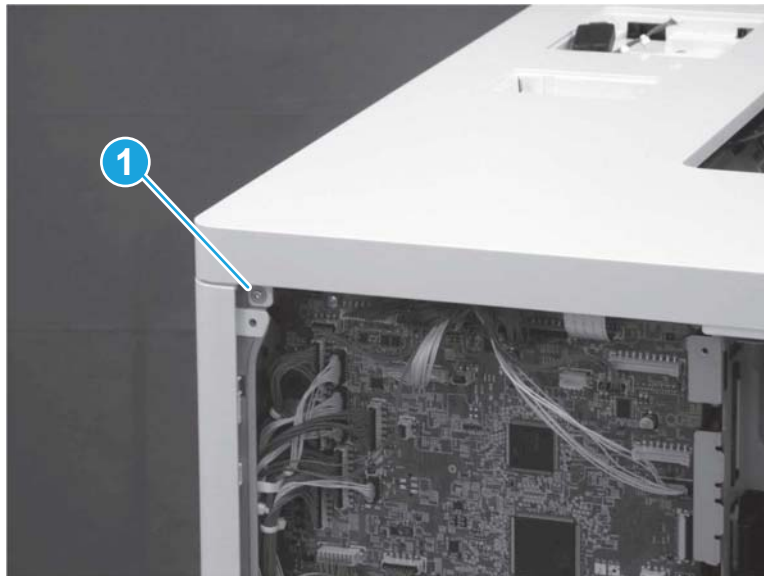
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1884 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1885 Remove one screw

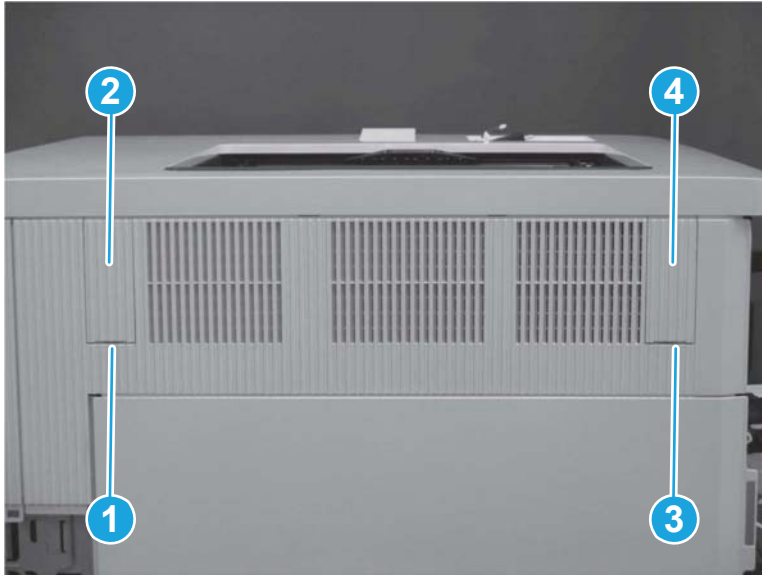


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

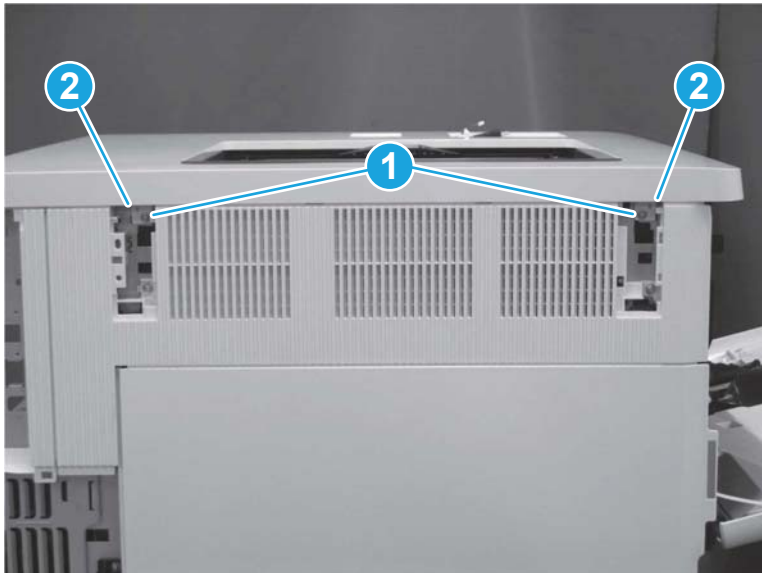
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-1886** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

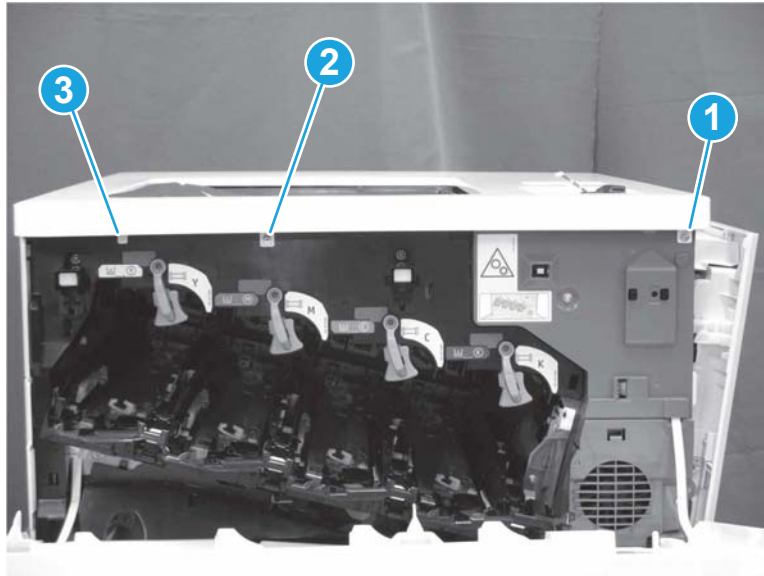
**Figure 1-1887** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

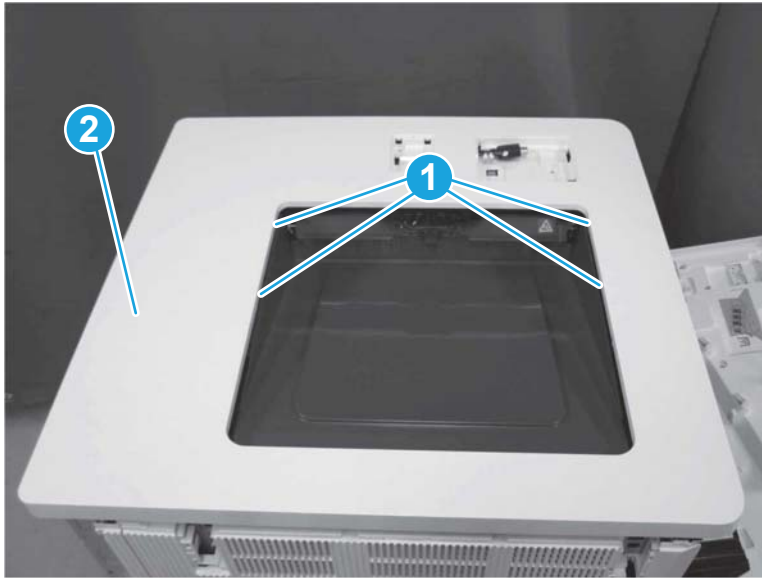
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

**Figure 1-1888** Remove two screws and release one tab

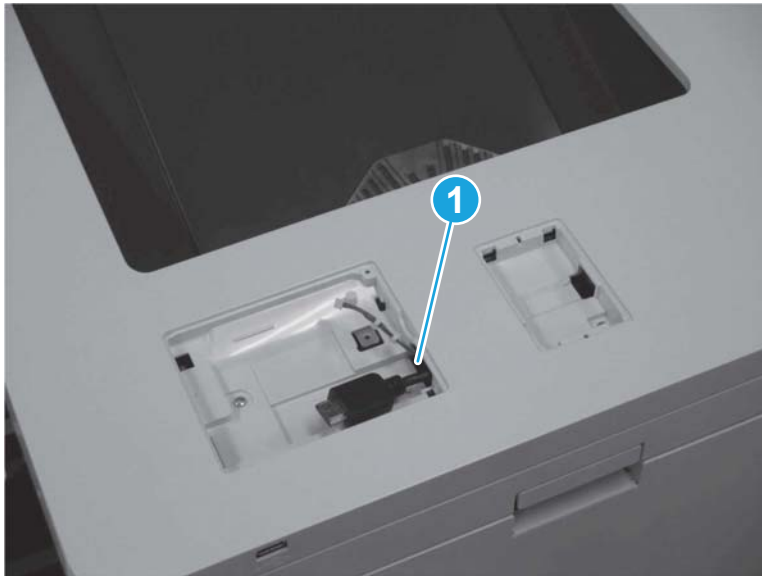


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-1889 Remove the top cover



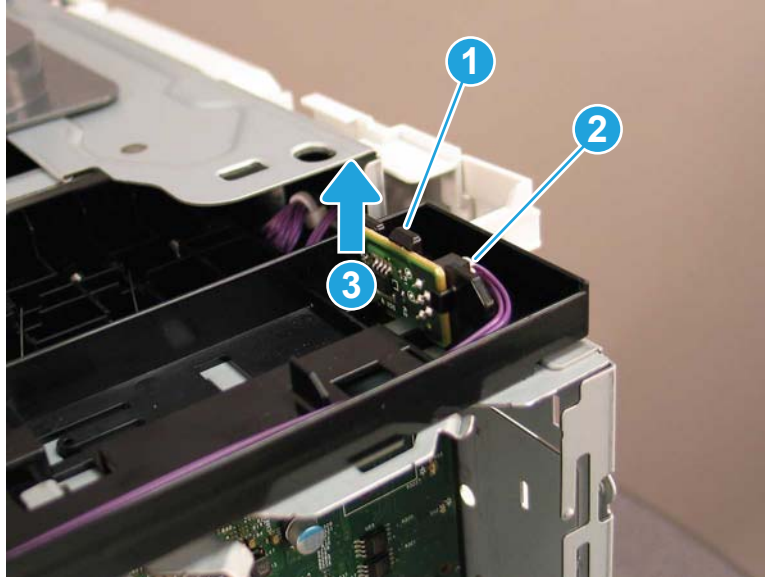
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



7. Remove the memory PCA.

- ▲ Release one tab (callout 1), disconnect one connector (callout 2), and then lift the memory PCA (callout 3) up to remove it.

Figure 1-1890 Remove the memory PCA



8. Unpack the replacement assembly.

a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Drum motor 1 (M751/E75245)

Learn how to remove and replace drum motor 1.



[View a video of how to remove and replace the drum motor 1.](#)

Mean time to repair: 30 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-101** Part information

Part number	Part description
RM2-1612-000CN	Main motor assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

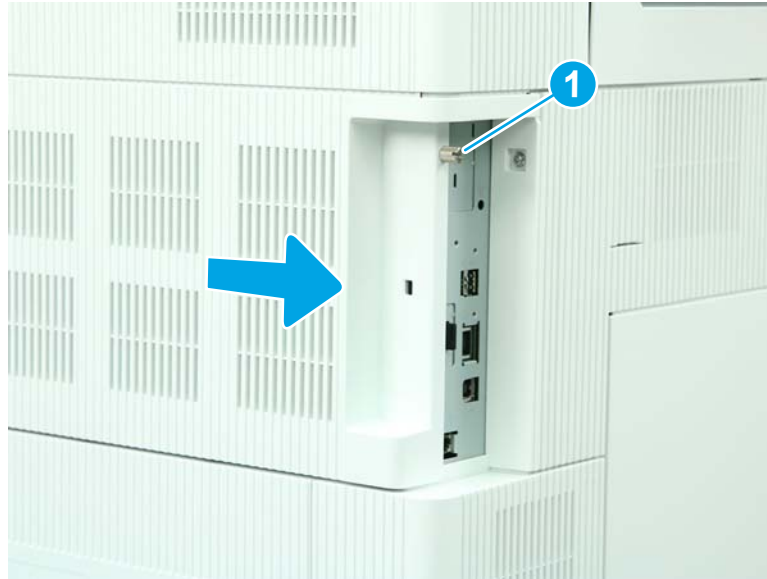
## Post service test

No post service test is available for this assembly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

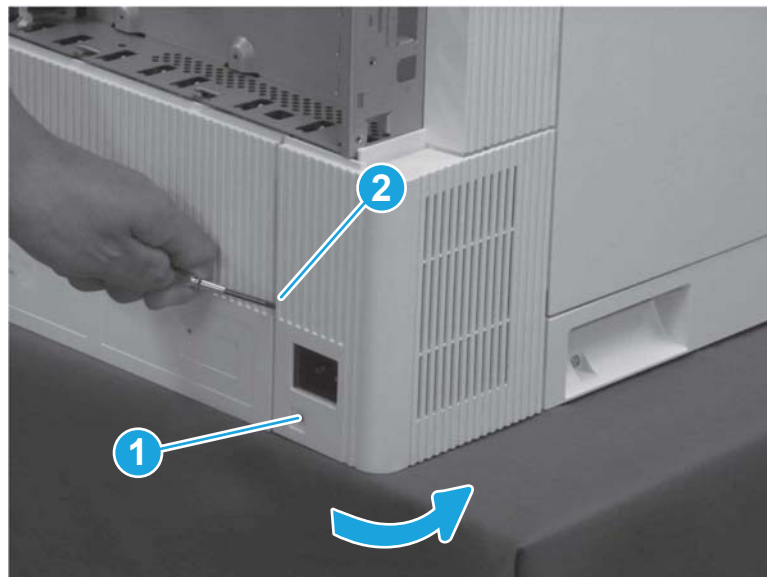


Figure 1-1891 Remove the formatter cover



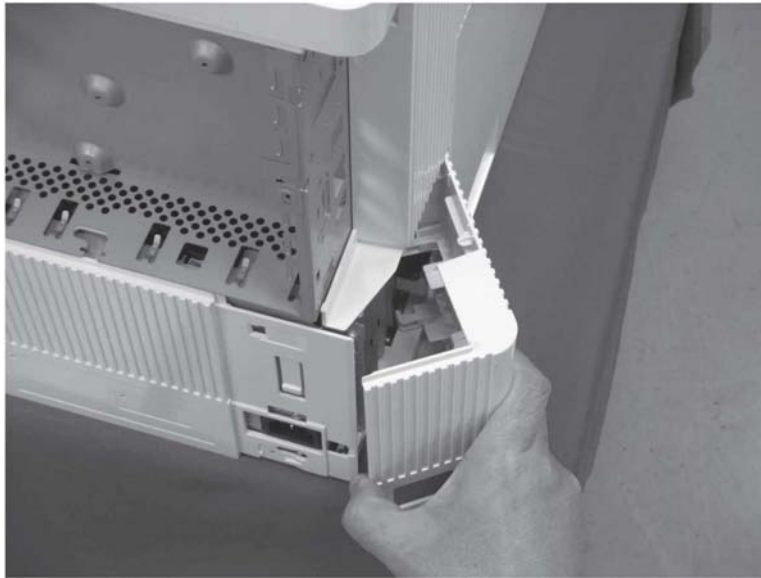
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1892 Remove one screw and release one tab



- b. Remove the left lower cover.

Figure 1-1893 Remove the left lower cover



3. Remove the left rear cover (M751/E75245/M856/E85055/M776).

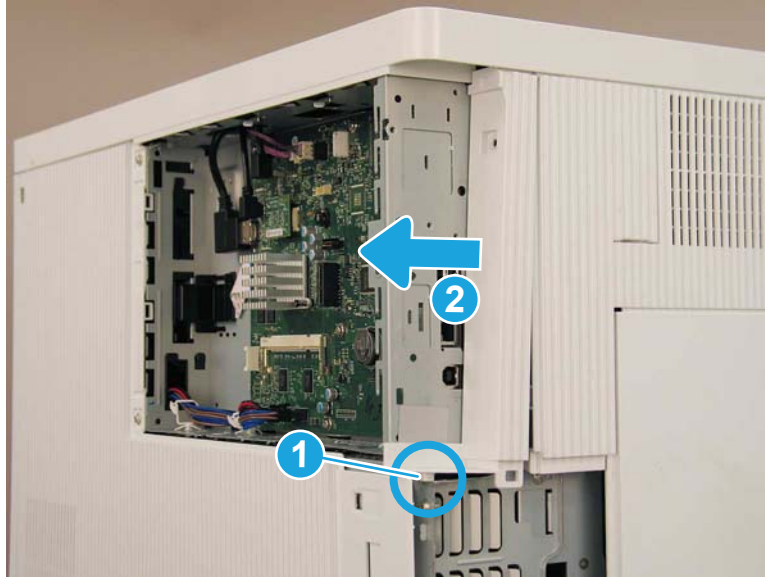
- a. Remove one screw (callout 1).

Figure 1-1894 Remove one screw



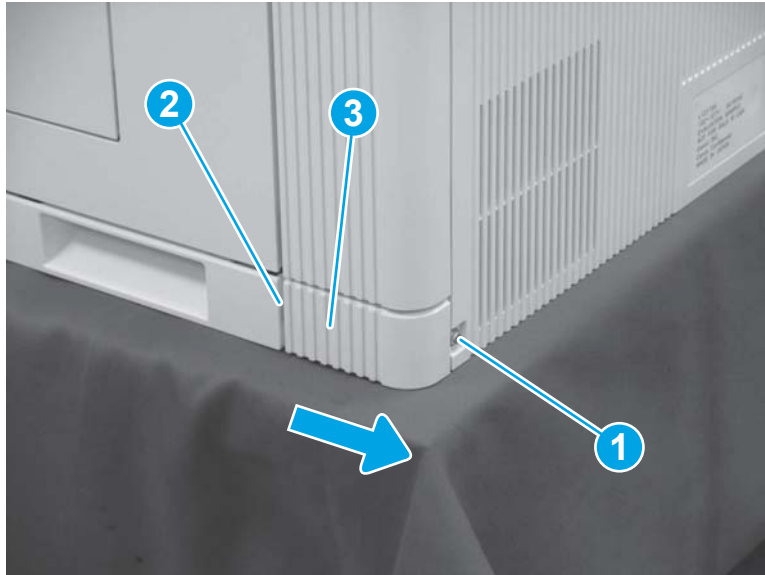
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

**Figure 1-1895** Remove the left rear cover



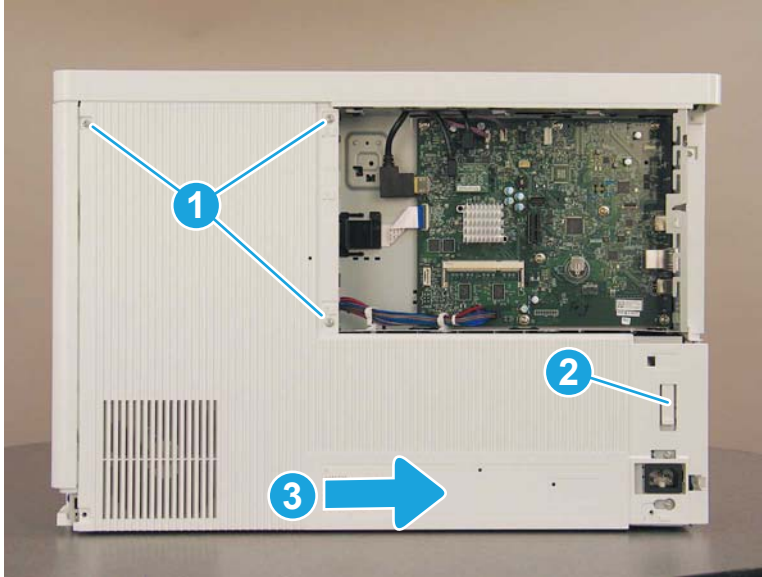
4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-1896** Remove the right rear lower cover



5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1897 Remove the rear cover

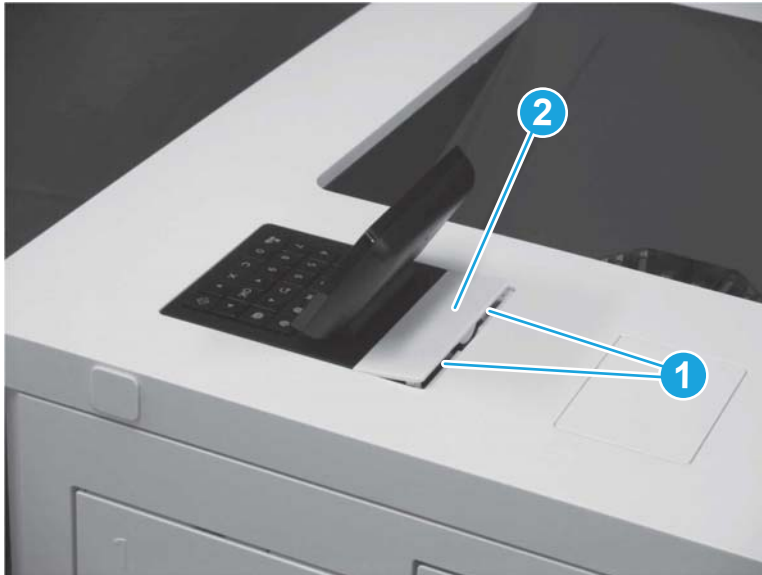


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1898 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1899 Remove one screw



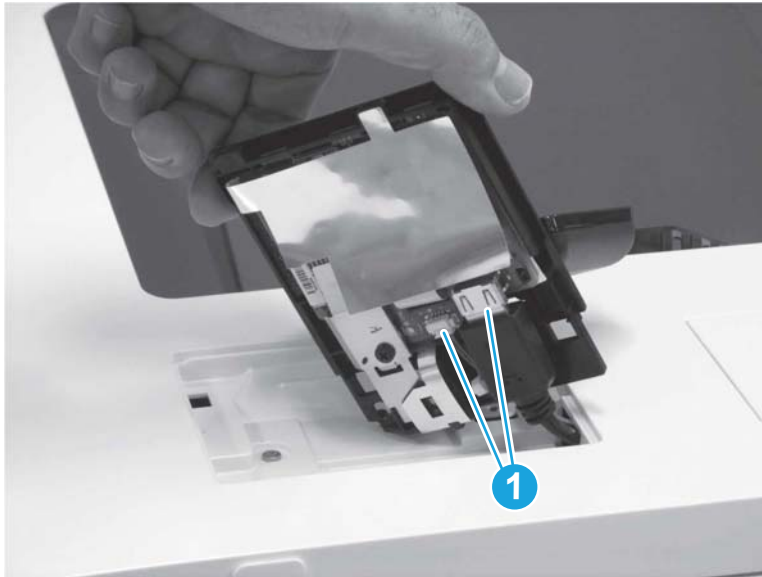
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1900 Slide the control panel back



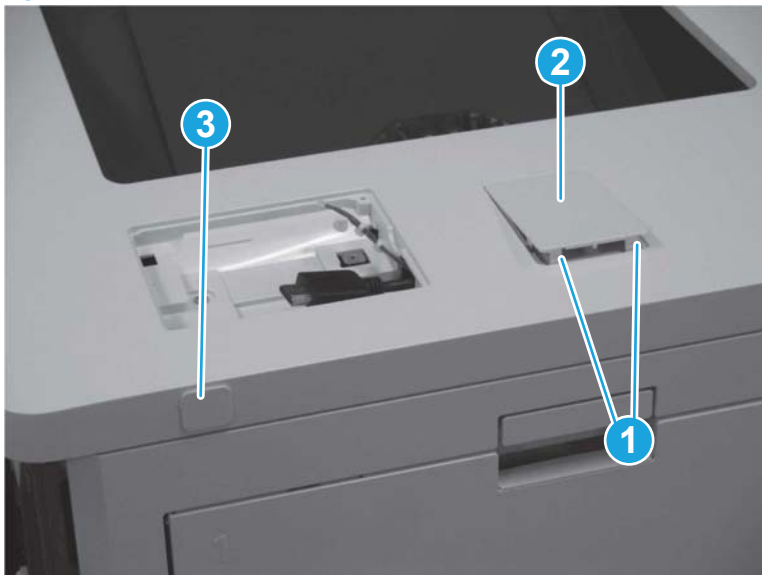
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-1901 Disconnect two connectors



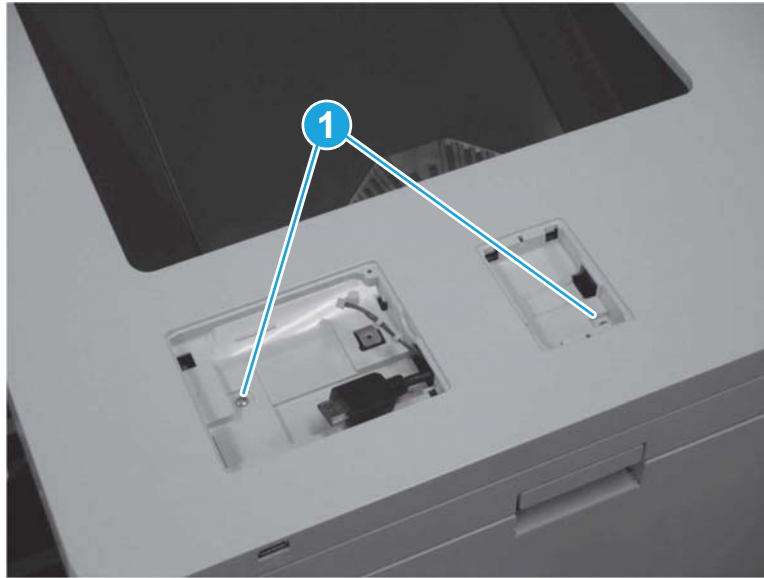
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-1902 Remove the HIP cover and USB cap



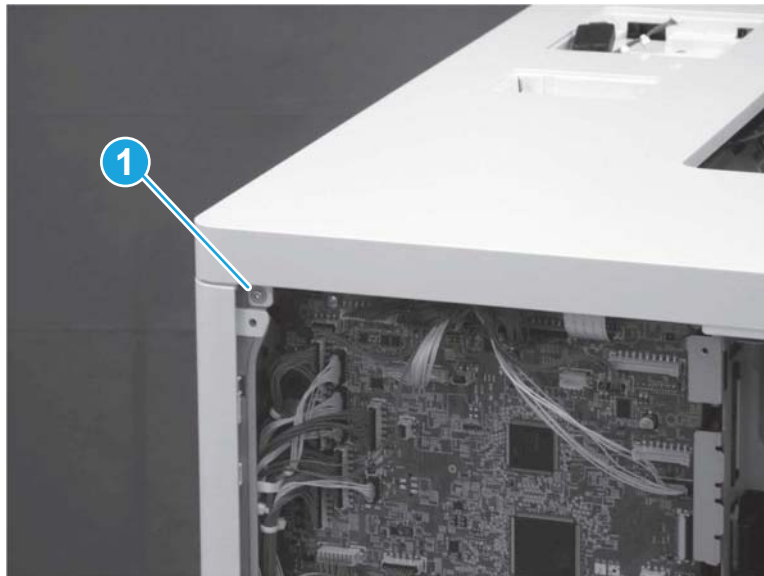
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1903 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1904 Remove one screw

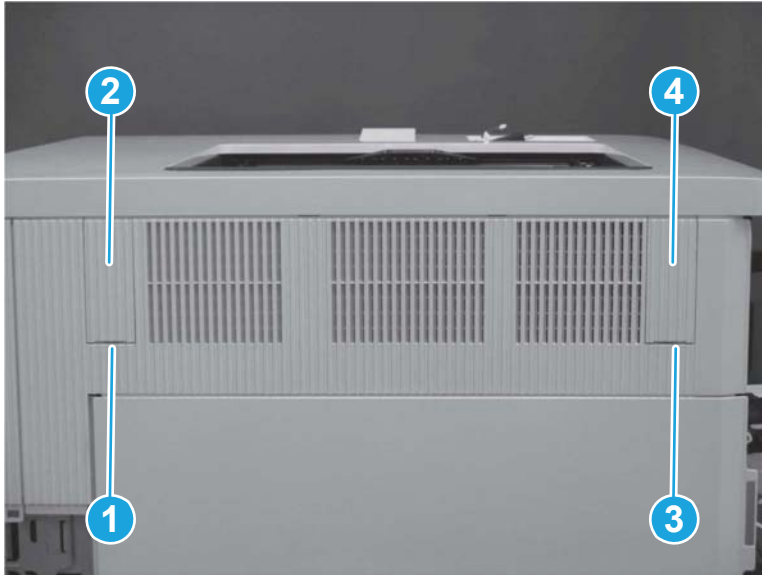


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

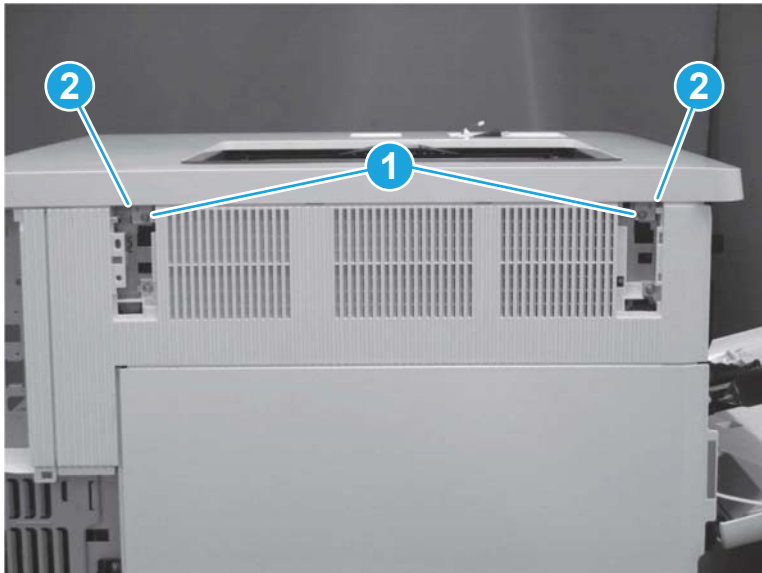
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-1905** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1906** Remove two screws and release two tabs

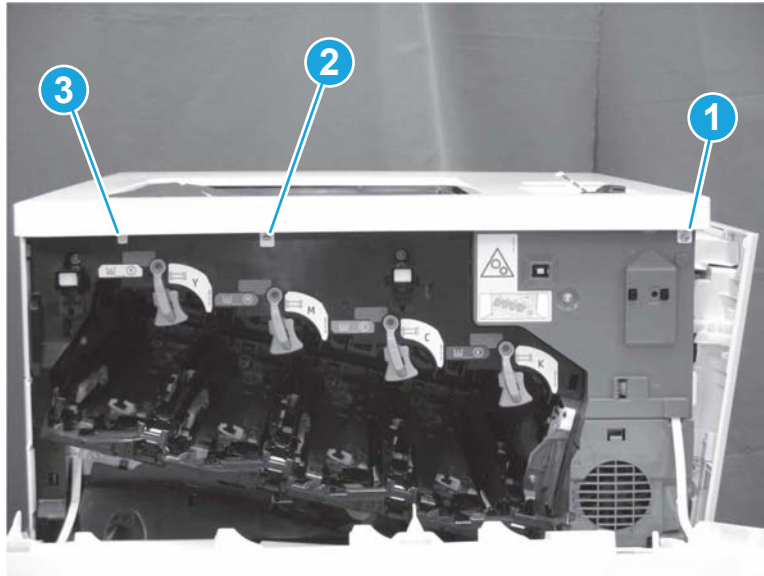




- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

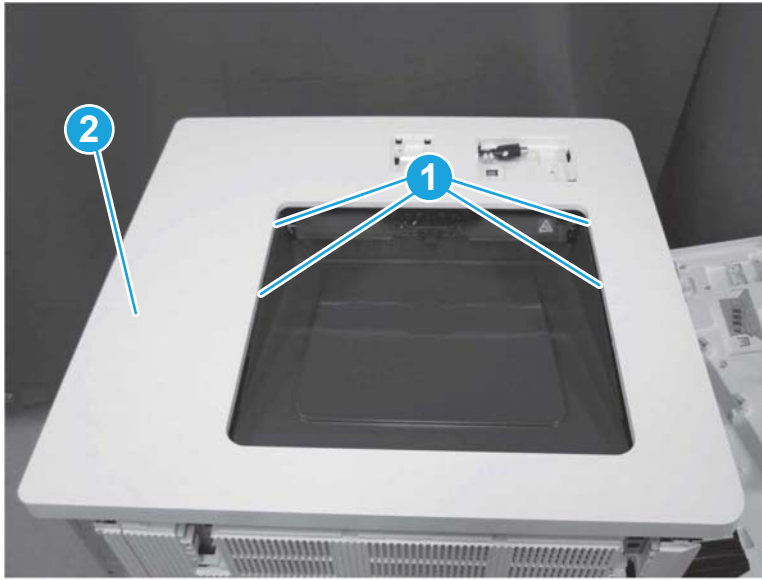
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

**Figure 1-1907** Remove two screws and release one tab

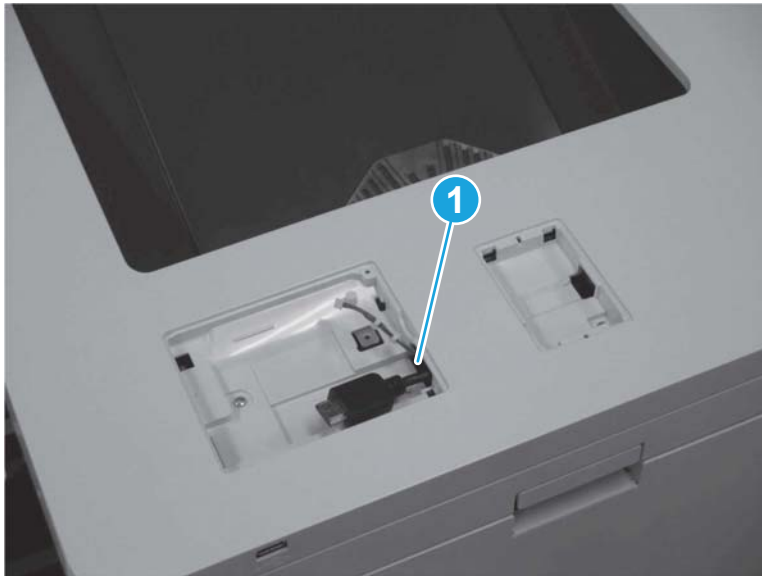


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-1908** Remove the top cover

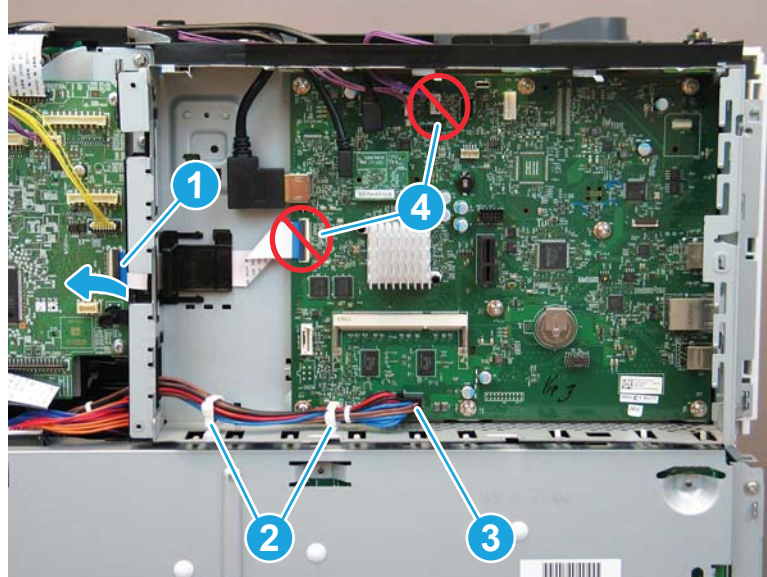


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



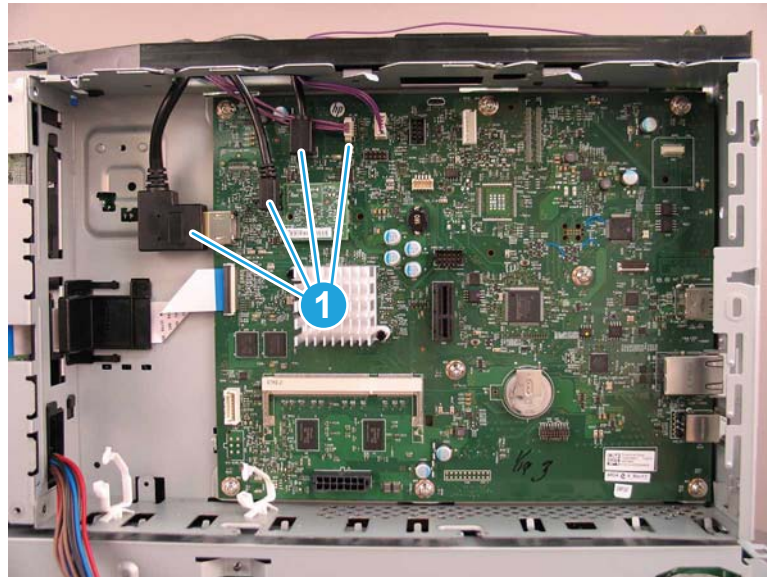
- 8.** Remove the formatter and case.
  - a.** Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-1909 Disconnect the connectors



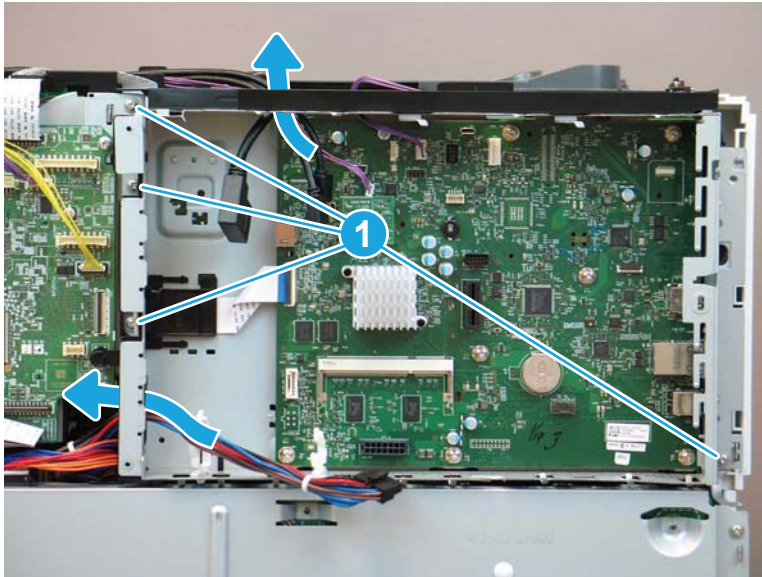
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-1910 Disconnect the connectors



- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

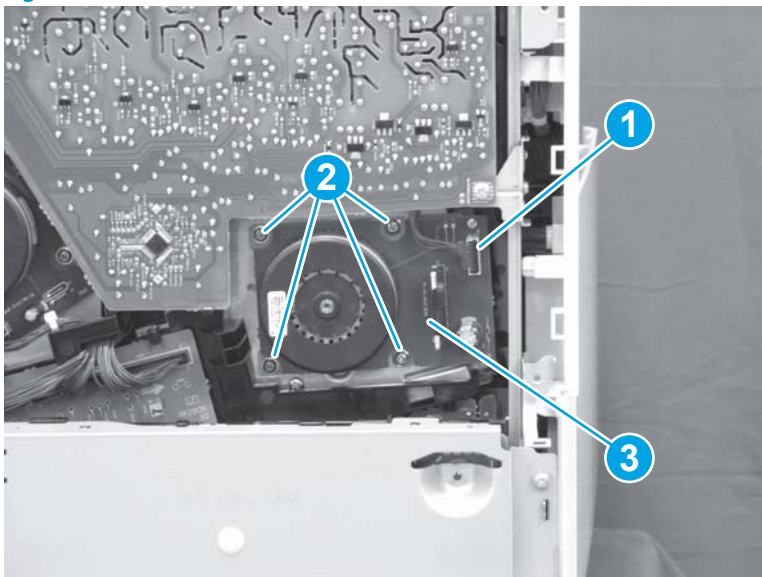
Figure 1-1911 Remove the formatter and case



- 9. Remove drum motor 1.

- ▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 1 (callout 3).

Figure 1-1912 Remove drum motor 1






- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Drum motor 1 (M856/E85055/M776)

Learn how to remove and replace drum motor 1.

 [View a video of how to remove and replace the drum motor 1.](#)


Mean time to repair: 30 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-102** Part information

Part number	Part description
RM2-1612-000CN	Main motor assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

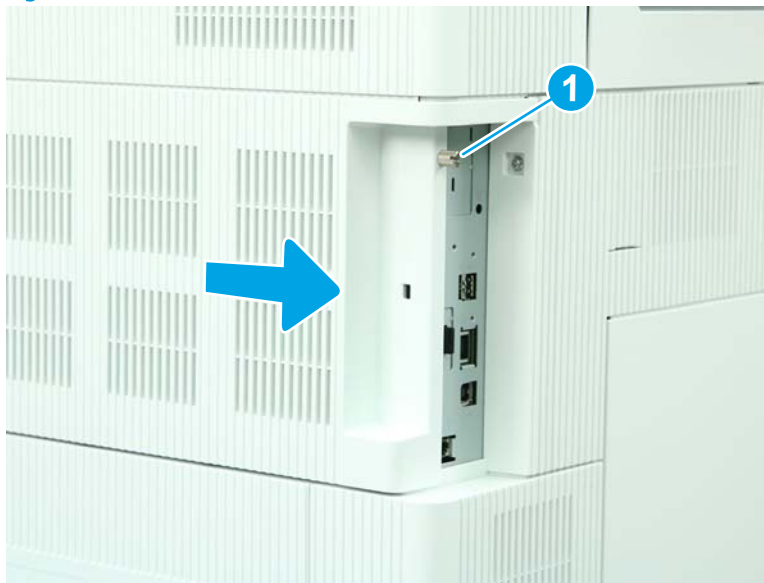
#### Post service test

No post service test is available for this assembly.

#### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

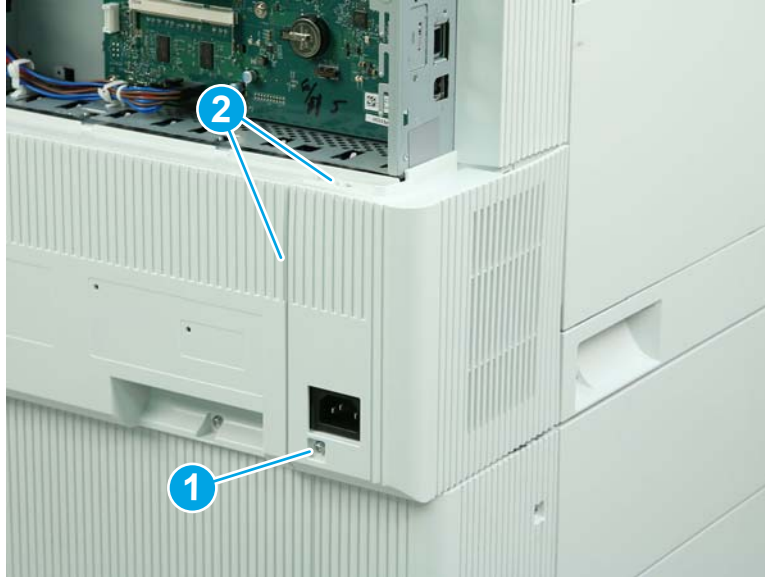
**Figure 1-1913** Remove the formatter cover



#### 2. Remove the left lower cover (M856/E85055/M776).

- a. Remove one screw (callout 1), and then release two tabs (callout 2).

**Figure 1-1914** Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

**Figure 1-1915** Remove the left lower cover



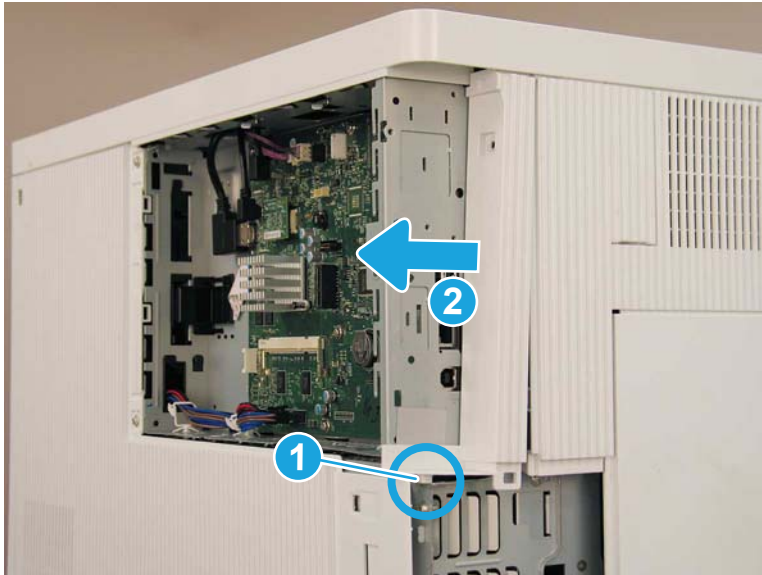
- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1916 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

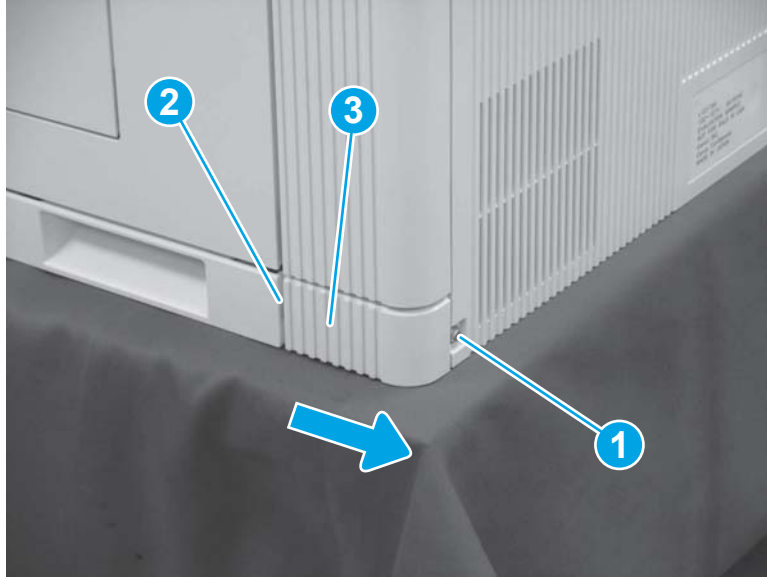
Figure 1-1917 Remove the left rear cover



- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

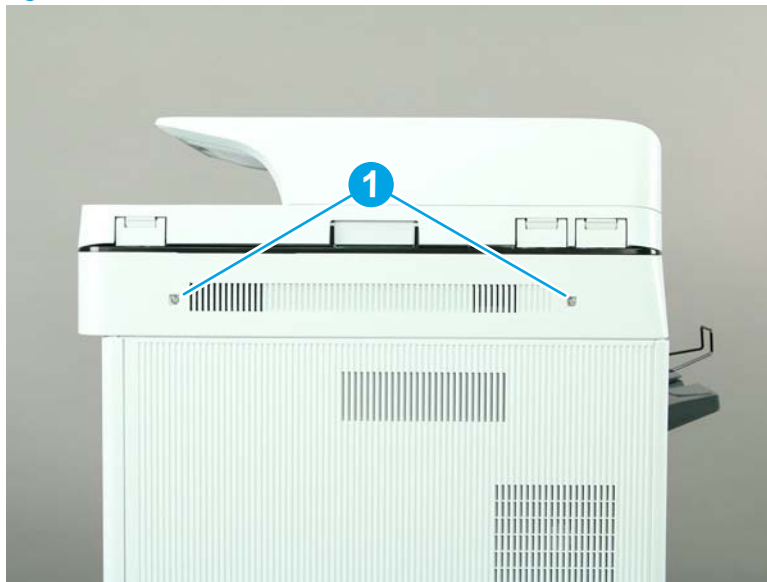


Figure 1-1918 Remove the right rear lower cover



5. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1919 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1920** Remove the SCB cover

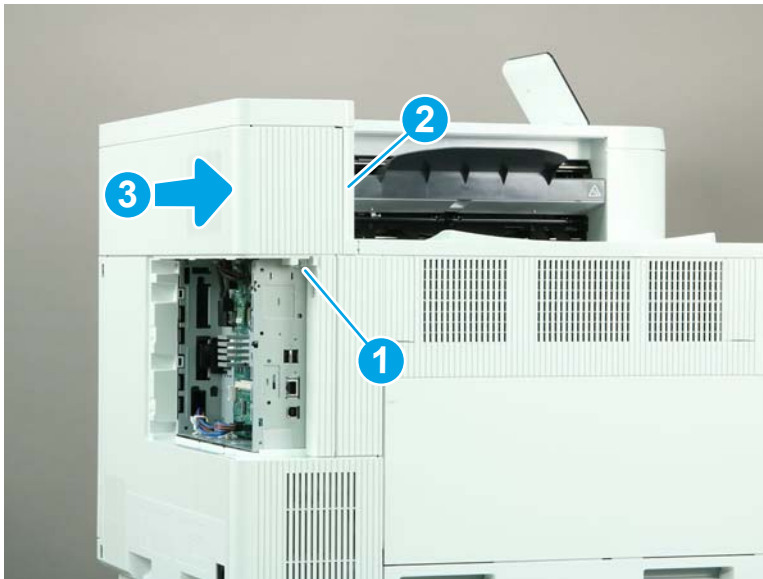


- 6. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

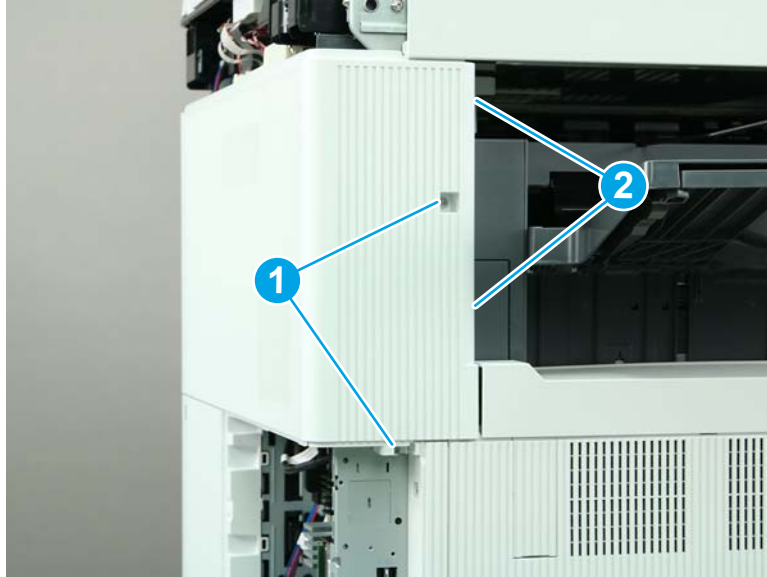
**Figure 1-1921** Remove the rear upper cover



- 7. Remove the rear upper cover and left rear upper cover (M776zs).

- a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1922** Remove two screws and release two tabs



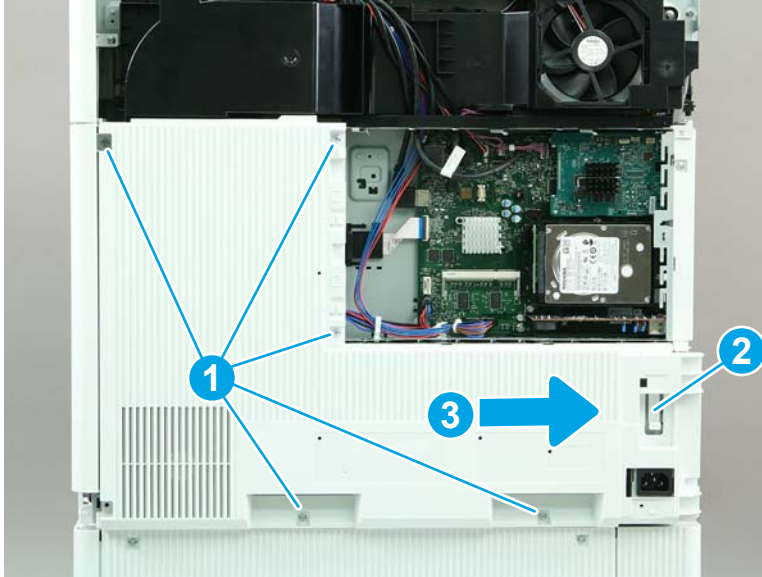
- b. Slide the cover to the right to remove it.

**Figure 1-1923** Remove the rear upper and left rear upper cover



- 8. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-1924 Remove the rear cover (M856/E85055/M776)



9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1925 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1926 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1927 Slide the control panel back



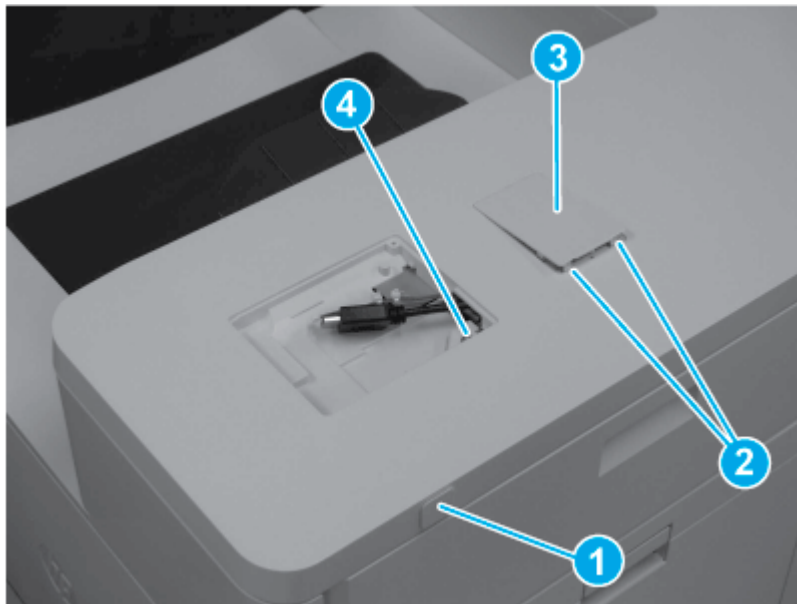
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-1928 Disconnect two connectors



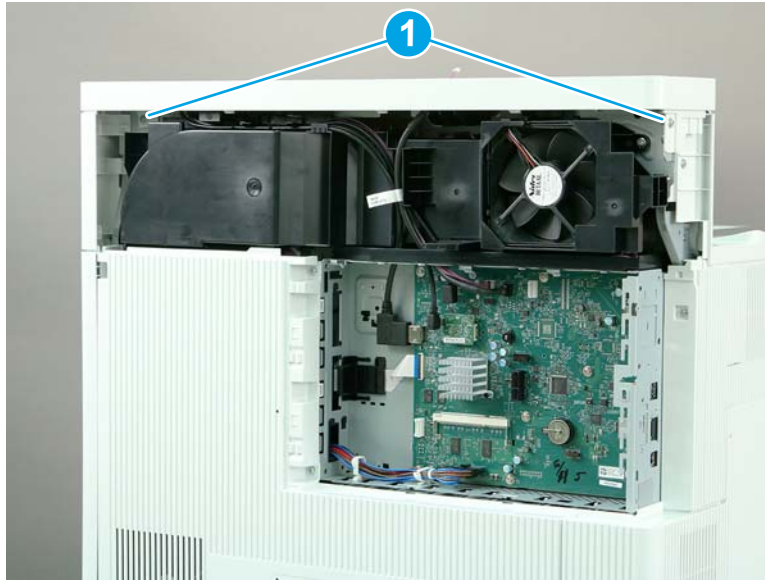
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-1929 Remove covers and one screw



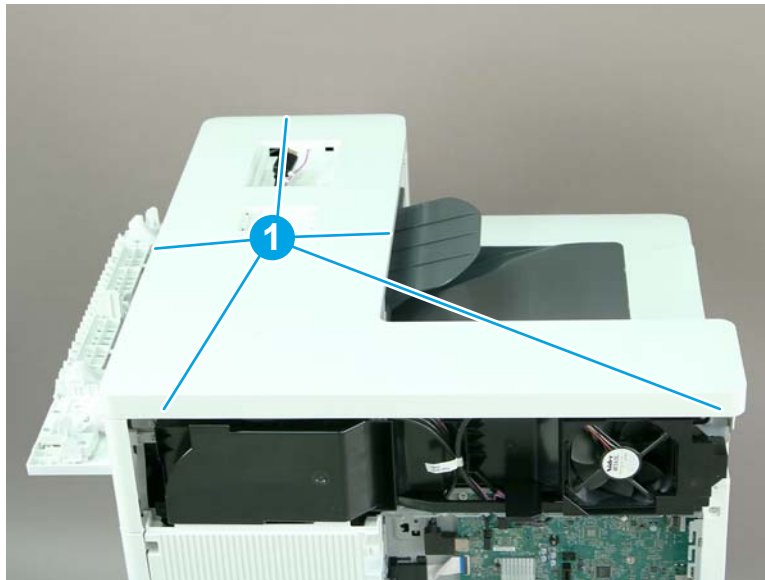
- f. Remove two screws (callout 1).

**Figure 1-1930** Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

**Figure 1-1931** Release five tabs



- 10. Remove the formatter and case (M856/E85055/M776).


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 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

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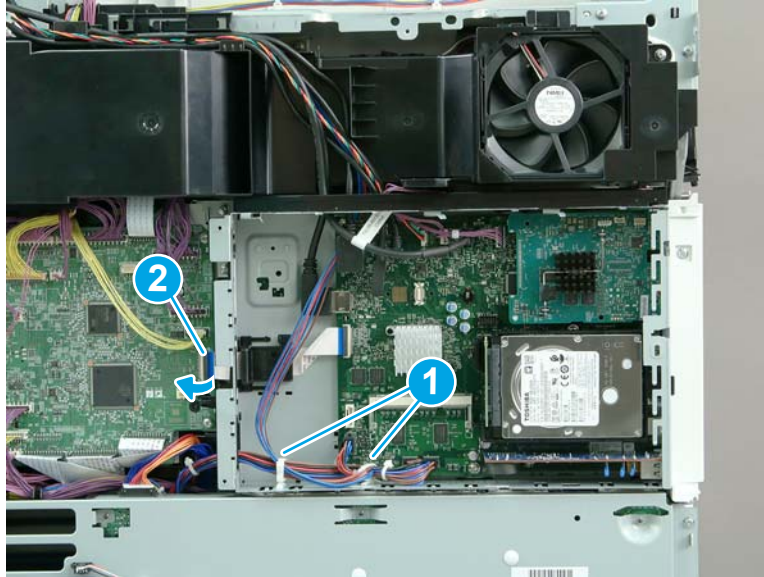
- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

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 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

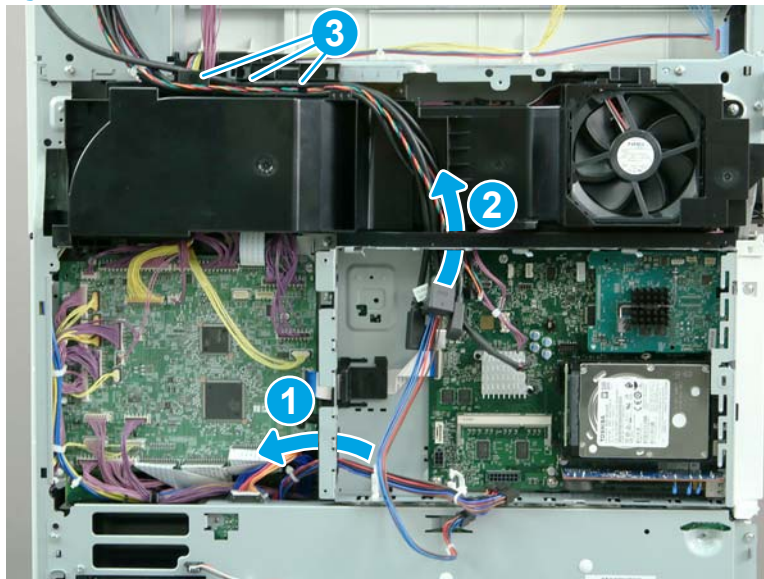
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Figure 1-1932 Disconnect the connectors



- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

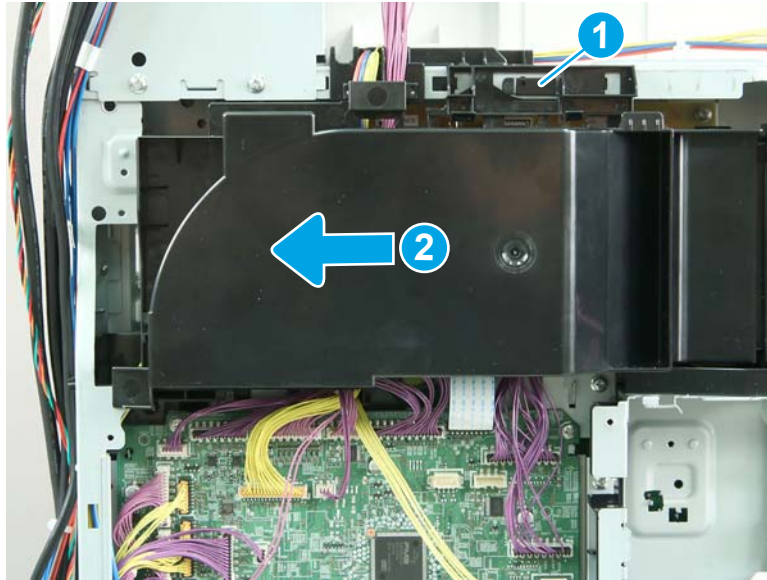
Figure 1-1933 Release the cables





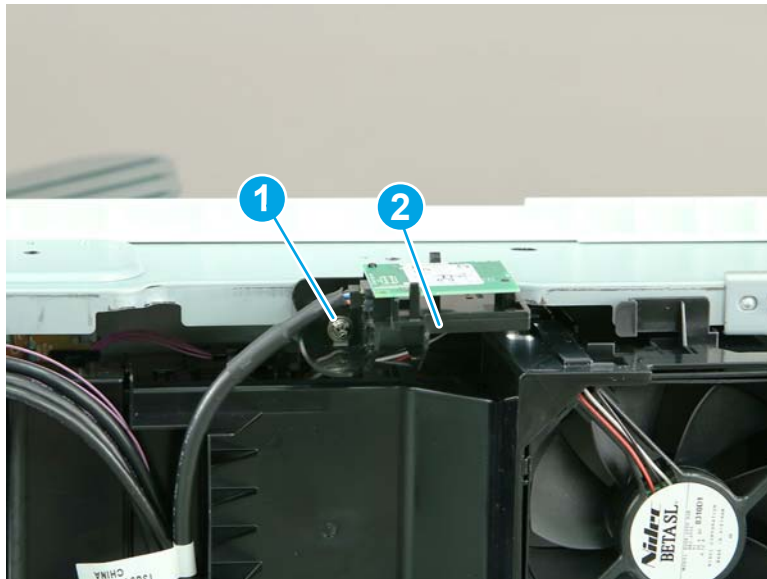
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1934 Remove the fan duct



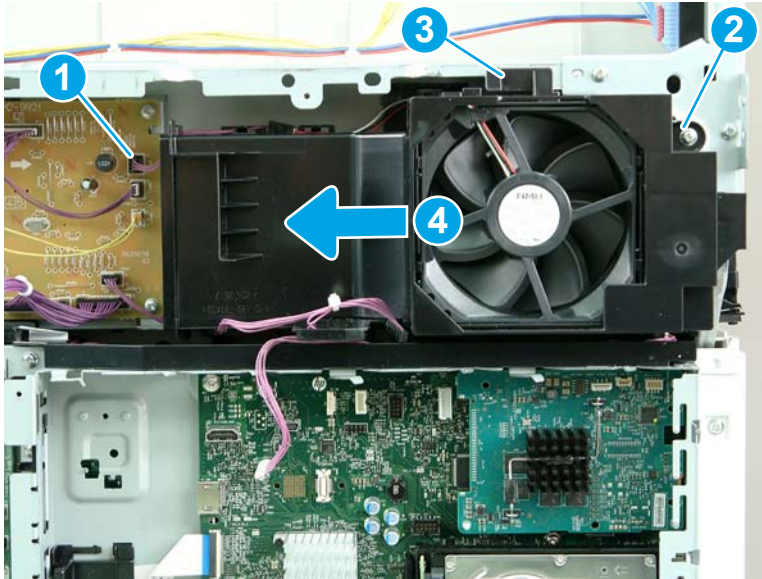
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-1935 Remove the wireless card and bracket



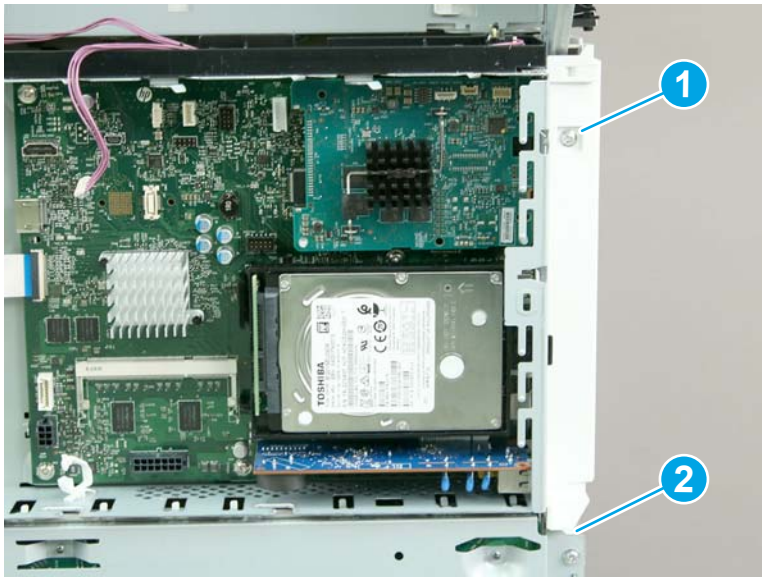
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-1936 Remove the fan assembly



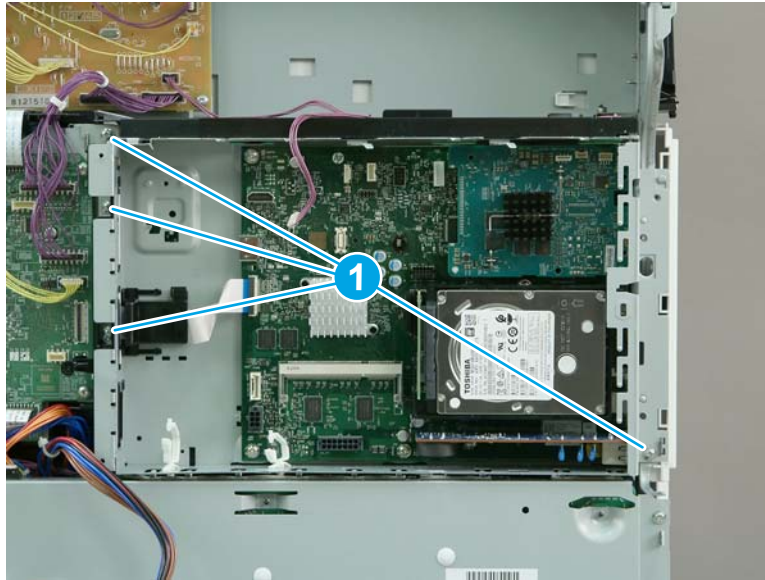
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-1937 Remove the left rear cover



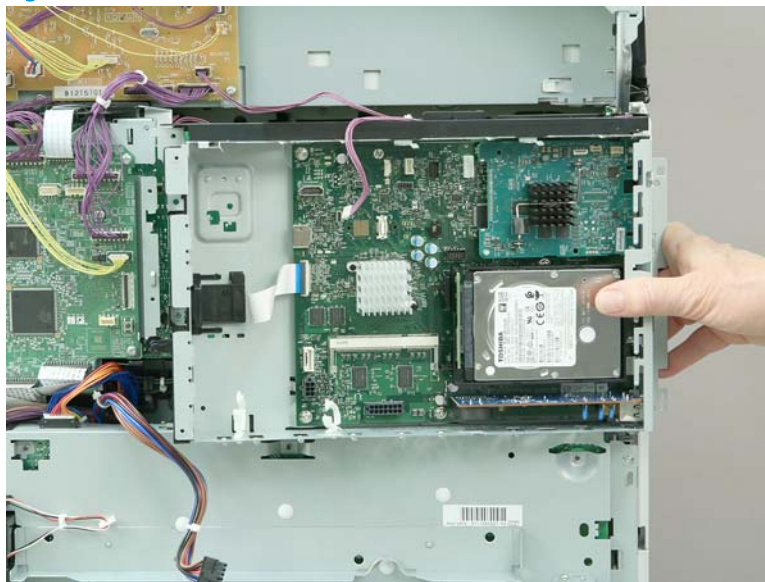
- g. Remove four screws (callout 1).

Figure 1-1938 Remove four screws



- h. Remove the formatter and case.

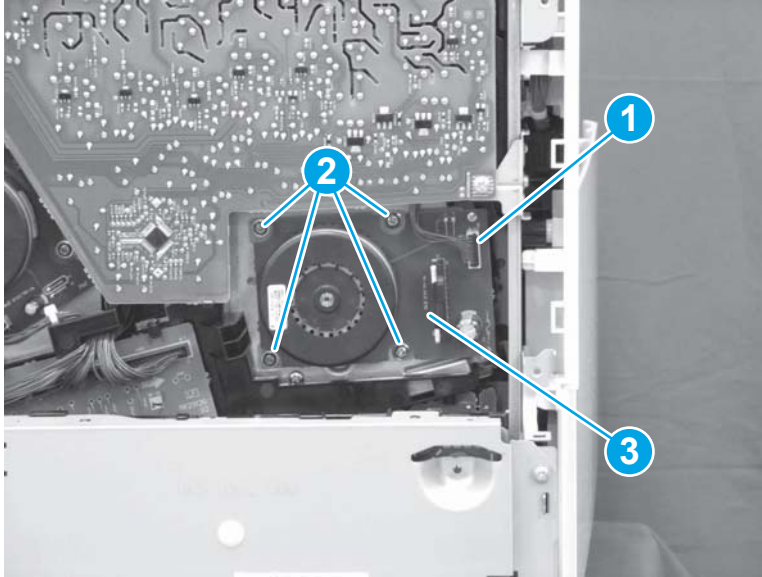
Figure 1-1939 Remove the formatter and case



11. Remove drum motor 1.

- ▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 1 (callout 3).

Figure 1-1940 Remove drum motor 1



12. Unpack the replacement assembly.
  - a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Drum motor 2 (M751/E75245)

Learn how to remove and replace drum motor 2.



[View a video of how to remove and replace the drum motor 2.](#)

Mean time to repair: 30 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-103** Part information

Part number	Part description
RM2-1613-000CN	Main motor assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

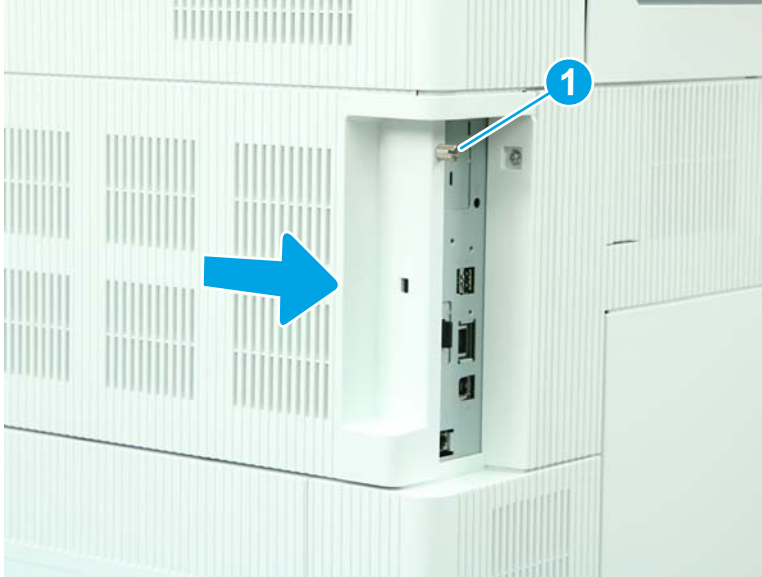
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

No post service test is available for this assembly.

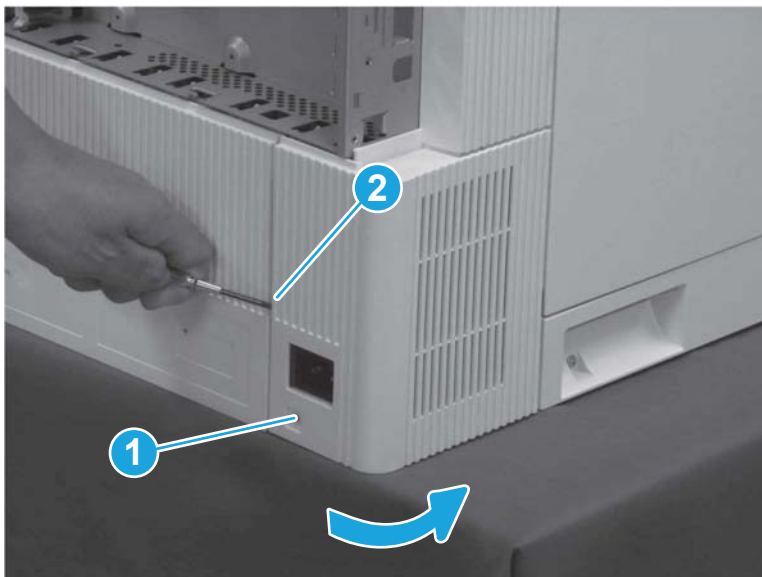
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1941 Remove the formatter cover



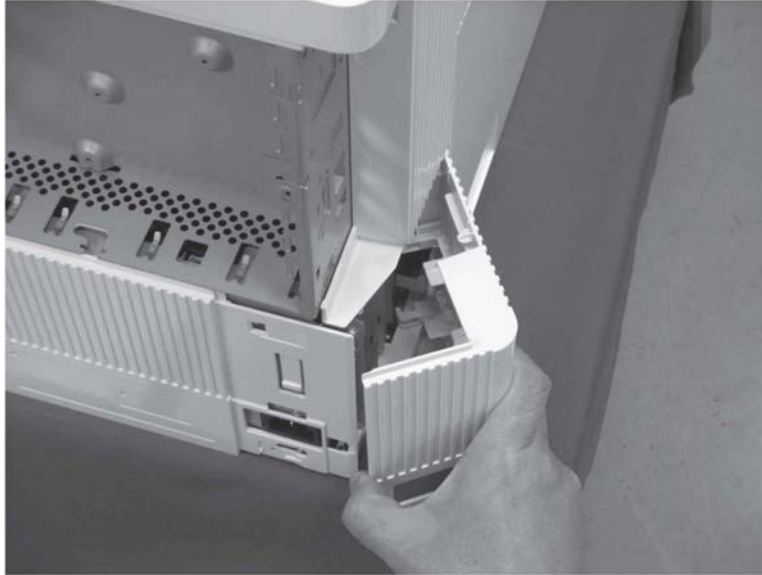
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1942 Remove one screw and release one tab



- b. Remove the left lower cover.

**Figure 1-1943** Remove the left lower cover



3. Remove the left rear cover (M751/E75245/M856/E85055/M776).

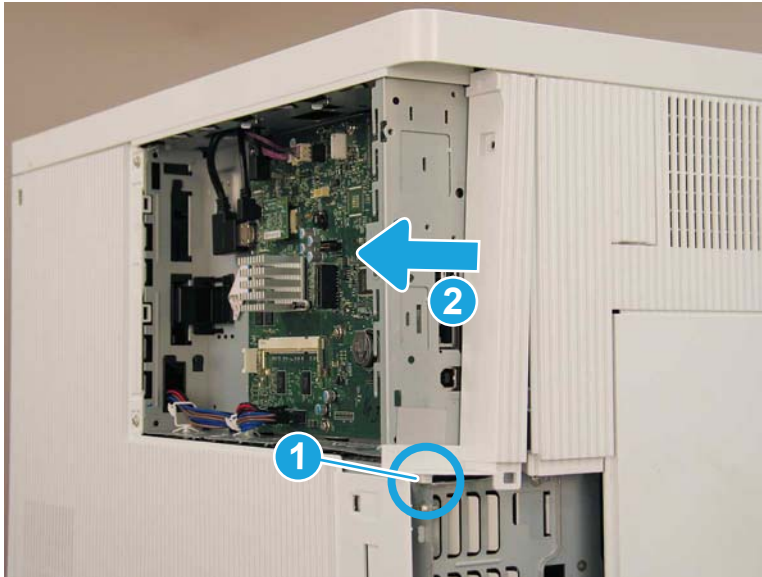
- a. Remove one screw (callout 1).

**Figure 1-1944** Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

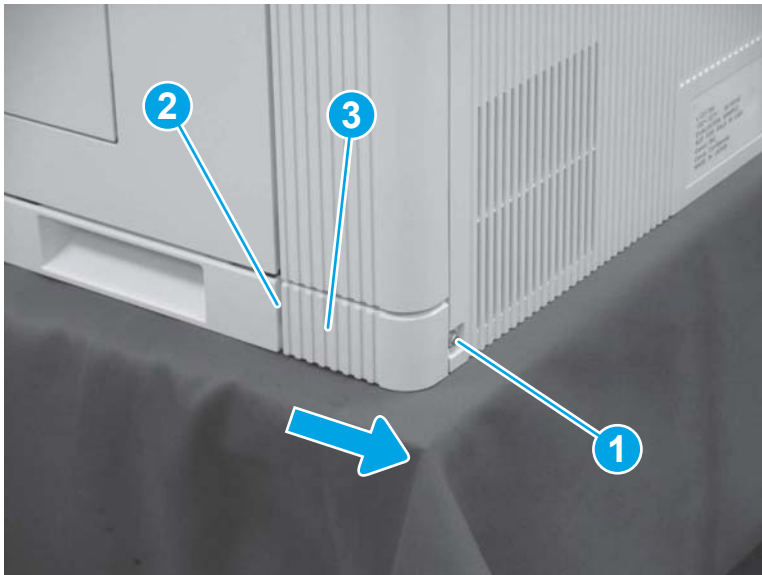
Figure 1-1945 Remove the left rear cover



- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1946 Remove the right rear lower cover

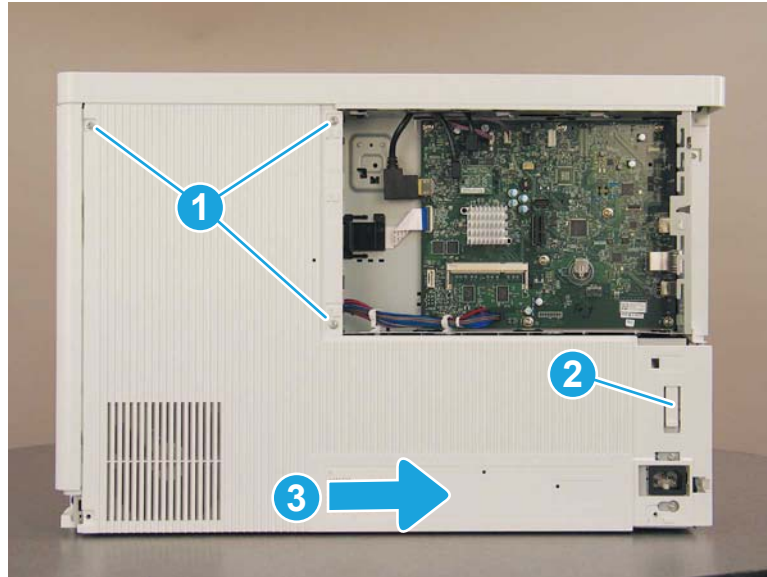


- 5. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.



Figure 1-1947 Remove the rear cover

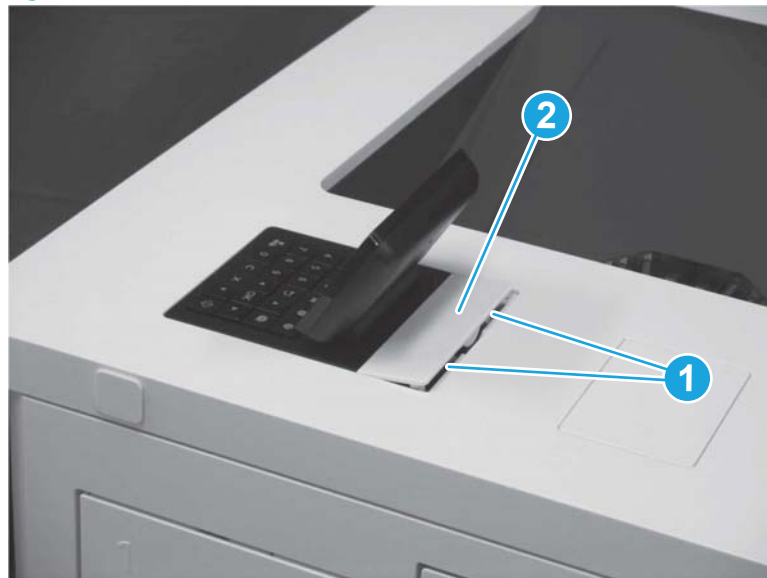


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1948 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1949 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1950 Slide the control panel back



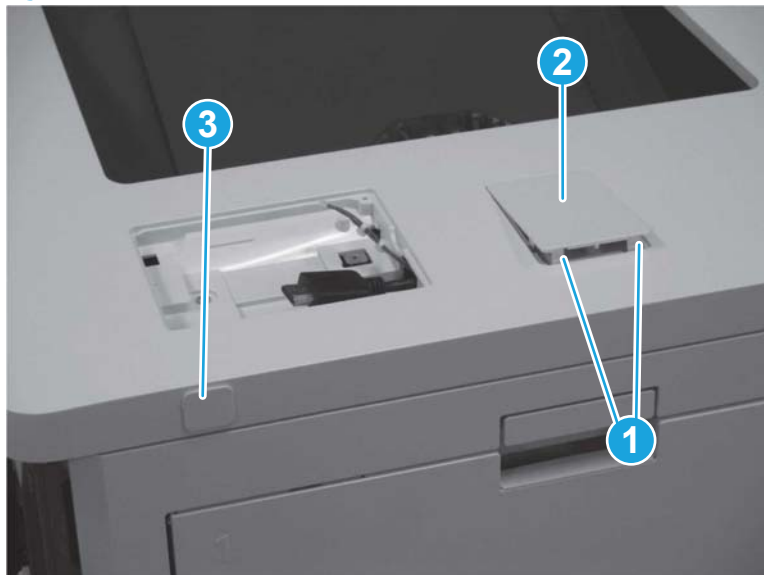
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-1951** Disconnect two connectors



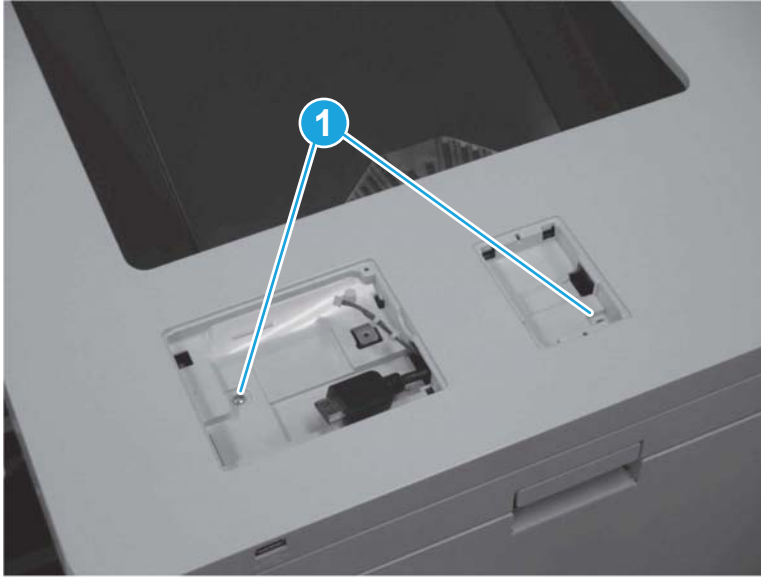
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

**Figure 1-1952** Remove the HIP cover and USB cap



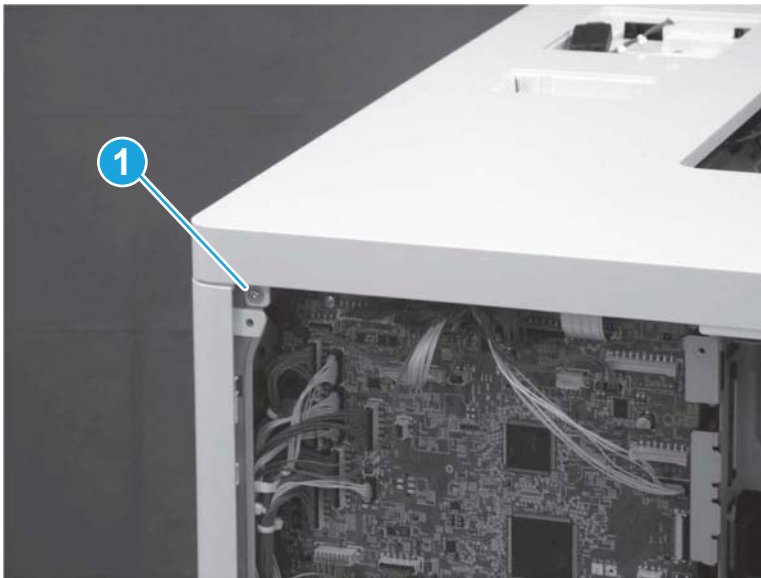
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-1953 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-1954 Remove one screw

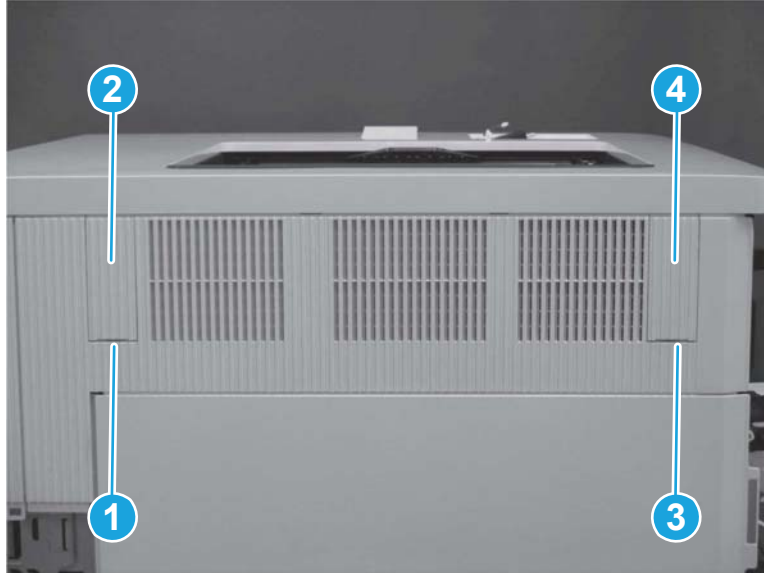


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

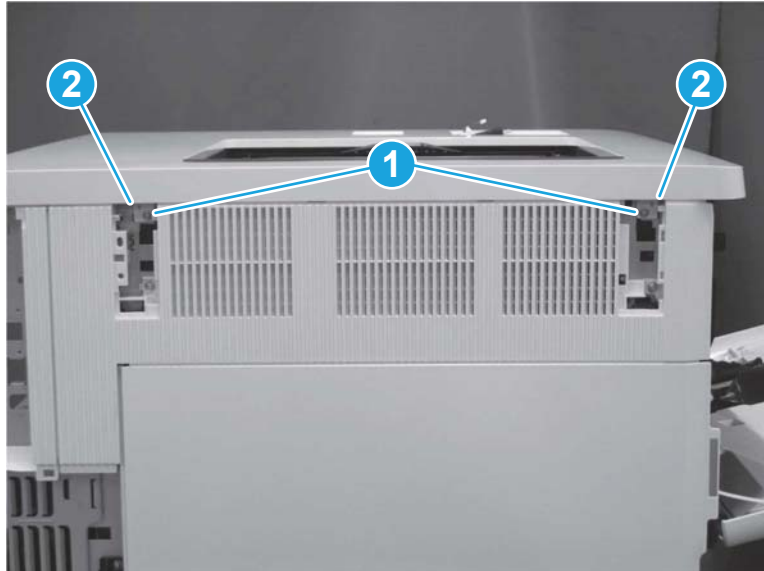
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-1955** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-1956** Remove two screws and release two tabs



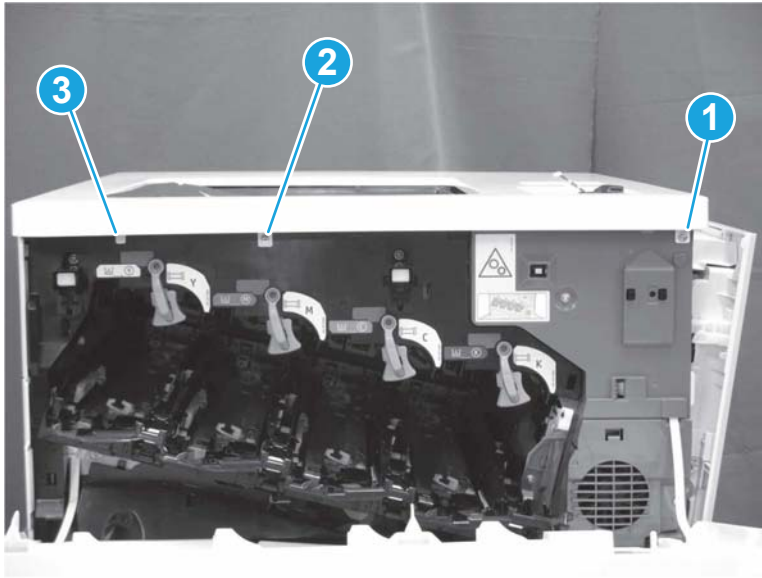
- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

---

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

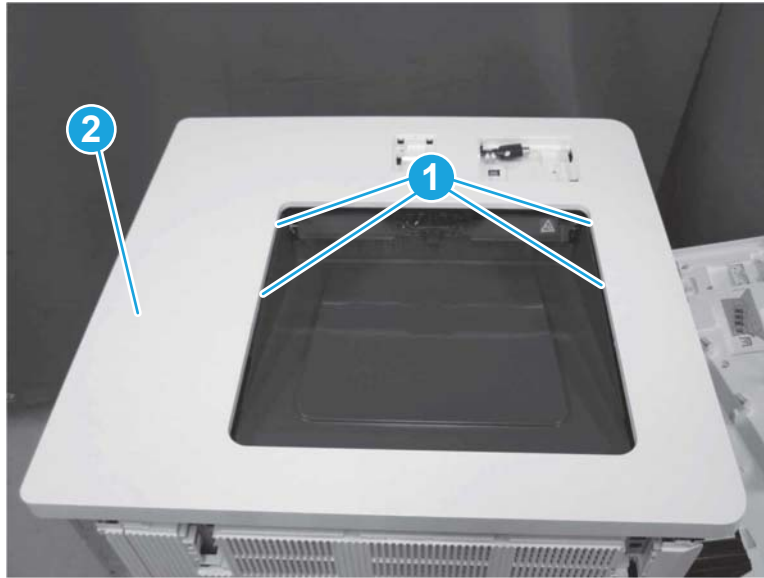
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**Figure 1-1957** Remove two screws and release one tab

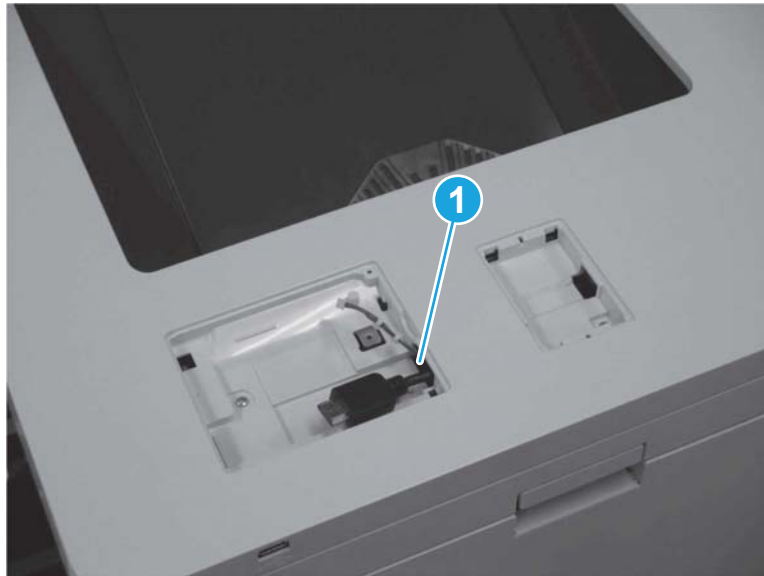


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-1958** Remove the top cover

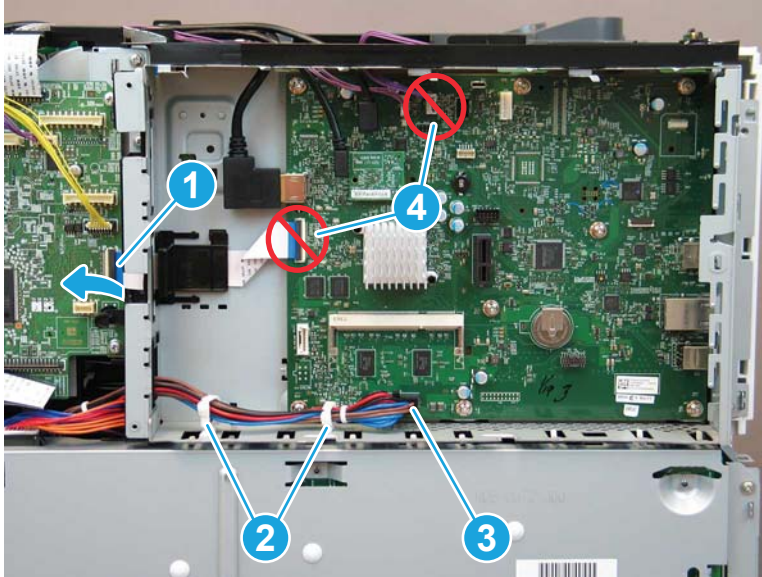


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



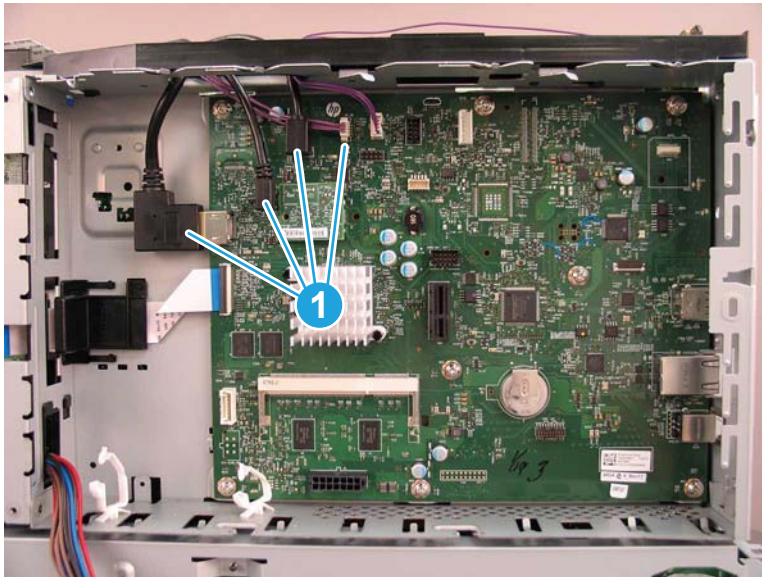
- 8.** Remove the formatter and case.
  - a.** Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-1959 Disconnect the connectors



- b. Disconnect all of the remaining connectors on the formatter (callout 1).

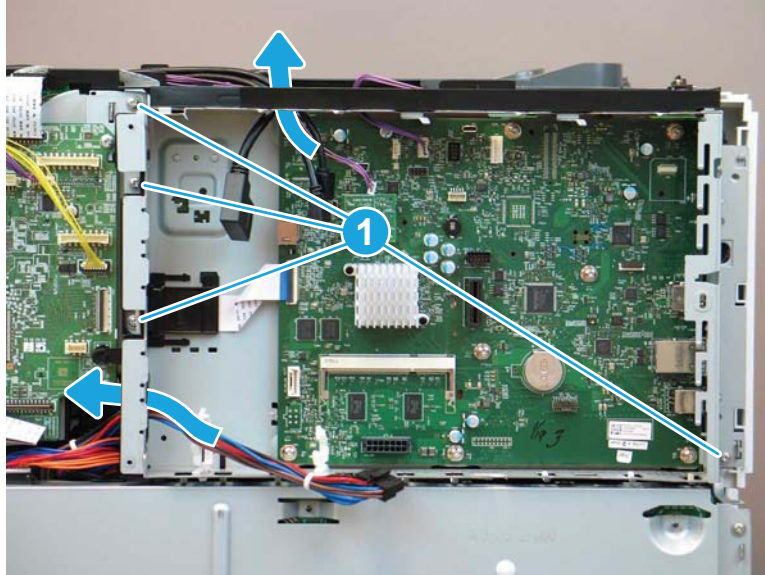
Figure 1-1960 Disconnect the connectors





- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

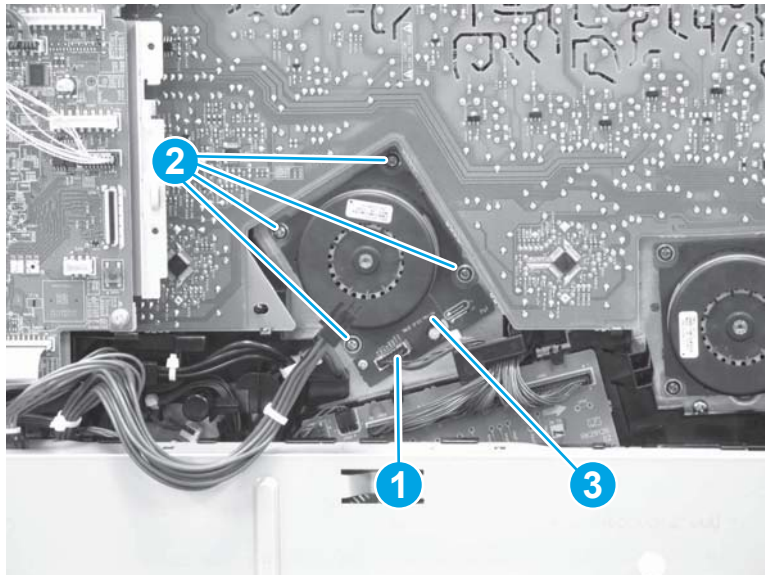
**Figure 1-1961** Remove the formatter and case



9. Remove drum motor 2.

- ▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 2 (callout 3).


**Figure 1-1962** Remove drum motor 2



10. Unpack the replacement assembly.

- a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Drum motor 2 (M856/E85055/M776)

Learn how to remove and replace drum motor 2.

 [View a video of how to remove and replace the drum motor 2.](#)


Mean time to repair: 30 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-104** Part information

Part number	Part description
RM2-1613-000CN	Main motor assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

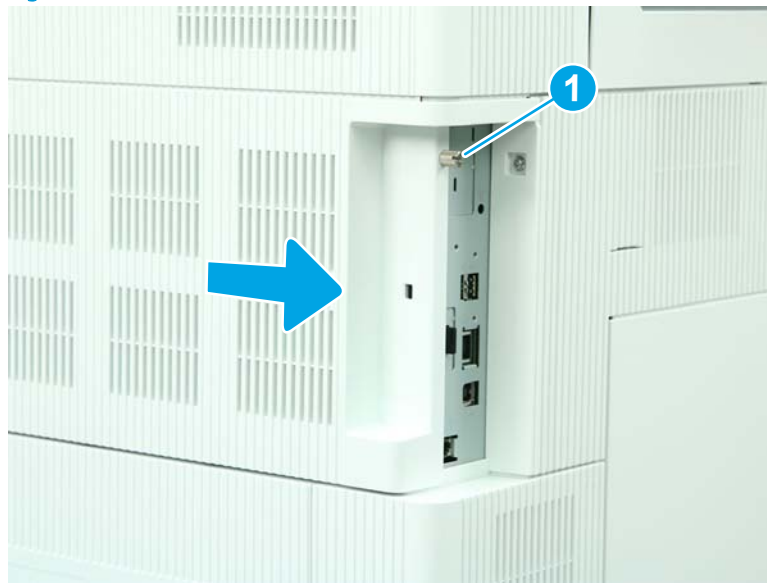
- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

No post service test is available for this assembly.

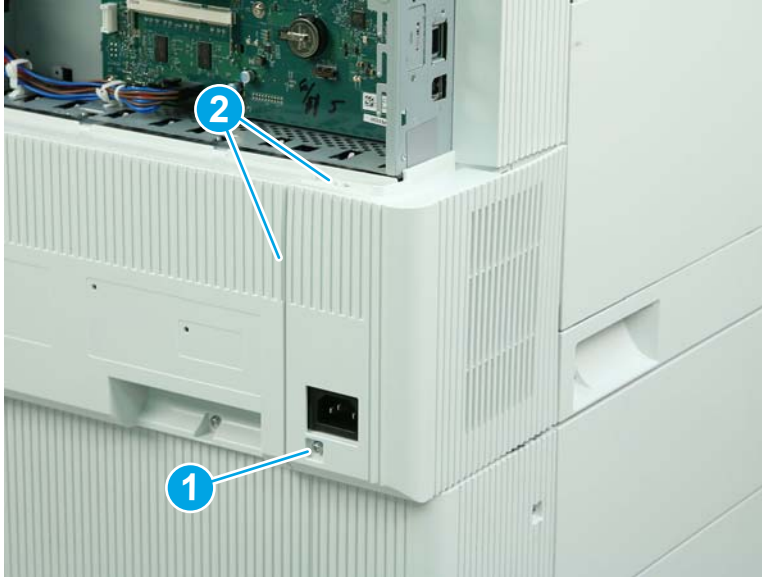
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-1963** Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-1964 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

Figure 1-1965 Remove the left lower cover



- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-1966 Remove one screw



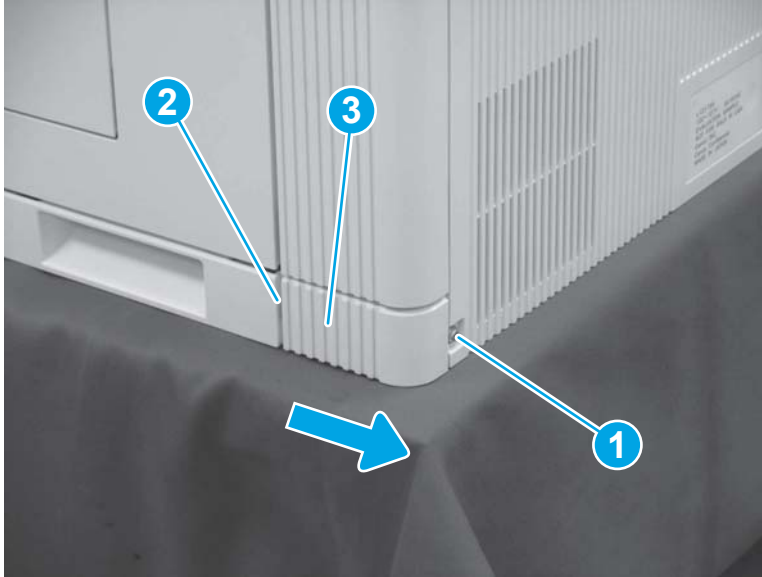
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-1967 Remove the left rear cover



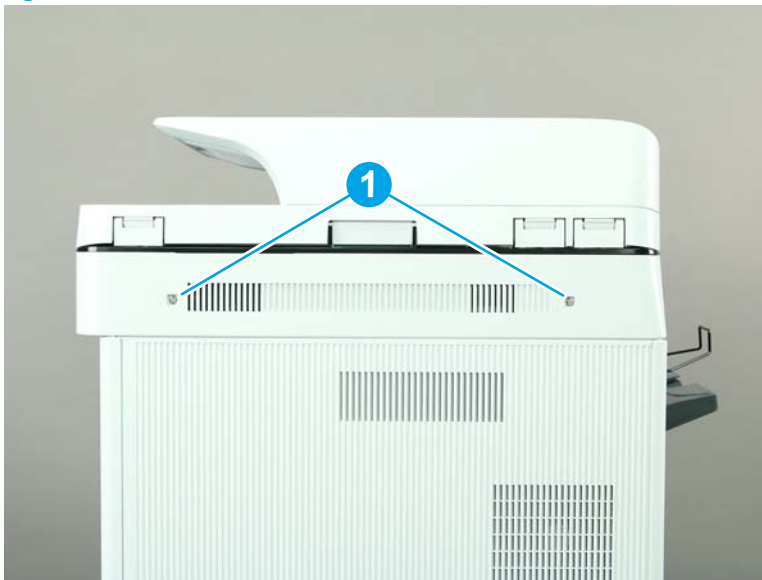
- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-1968 Remove the right rear lower cover



5. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-1969 Remove two screws



- b. Remove the SCB cover.

**Figure 1-1970** Remove the SCB cover

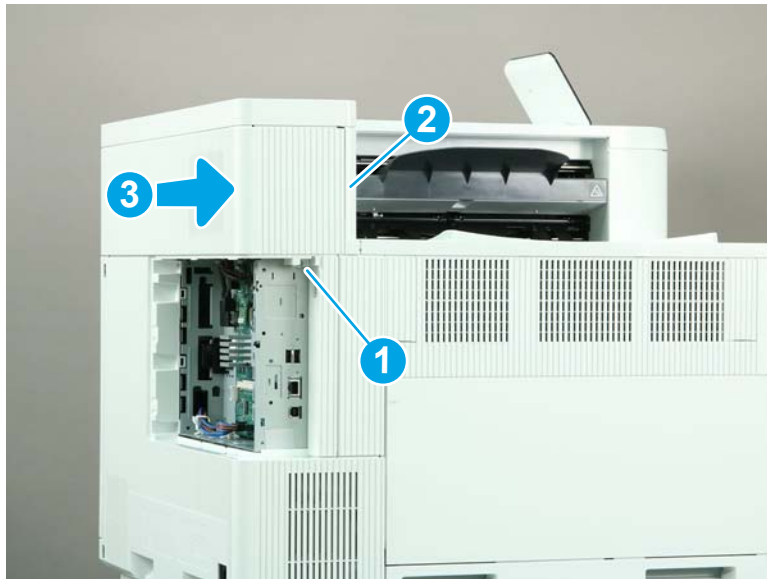


6. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

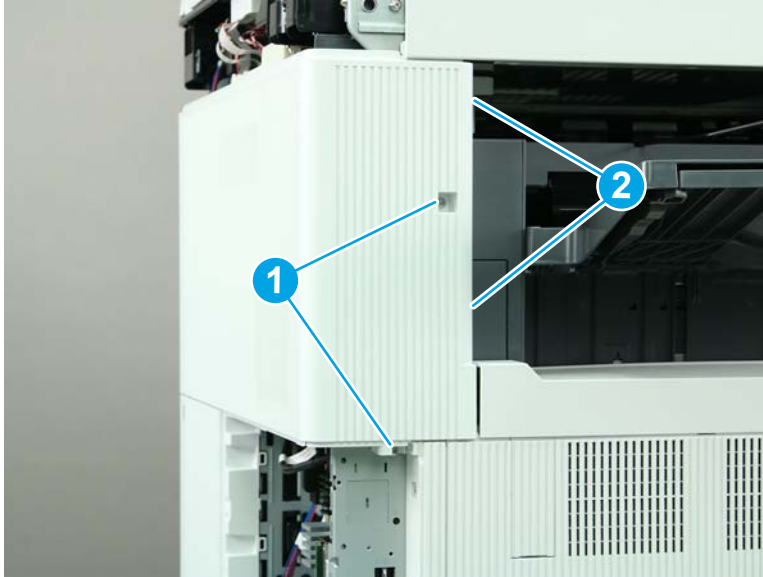
**Figure 1-1971** Remove the rear upper cover



7. Remove the rear upper cover and left rear upper cover (M776zs).

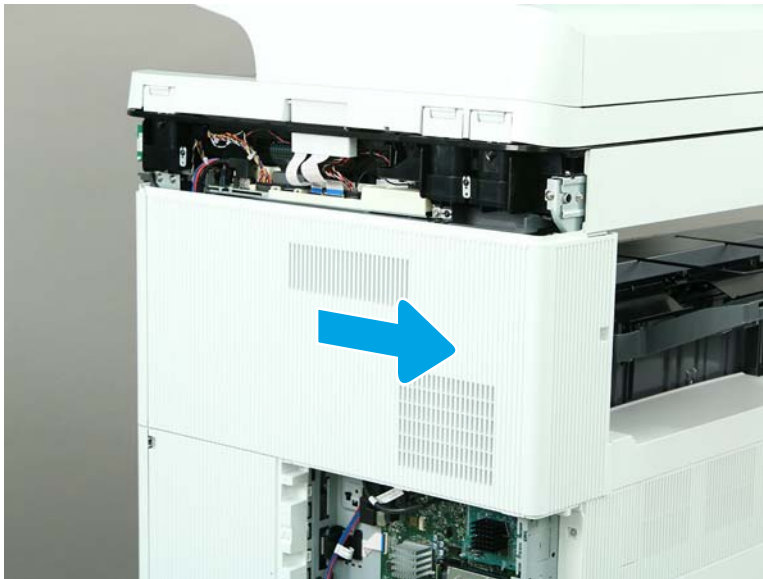
- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-1972 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

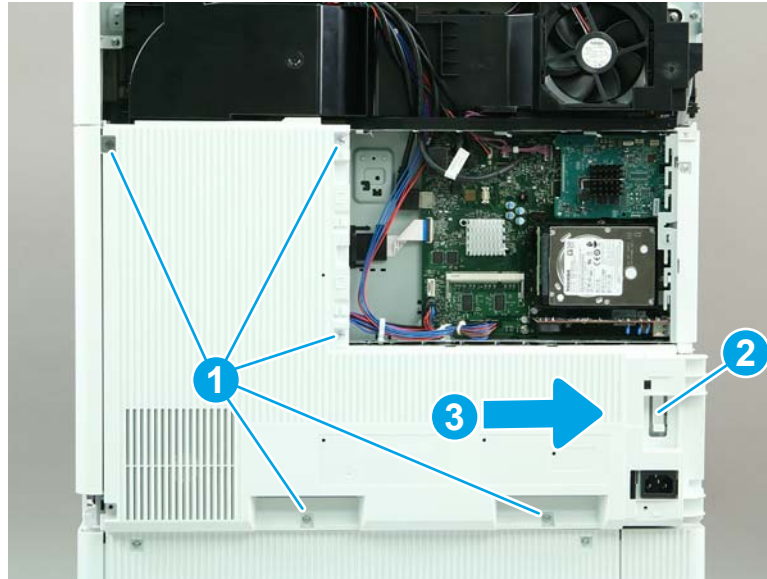
Figure 1-1973 Remove the rear upper and left rear upper cover



- 8. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.



Figure 1-1974 Remove the rear cover (M856/E85055/M776)



9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1975 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1976 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-1977 Slide the control panel back



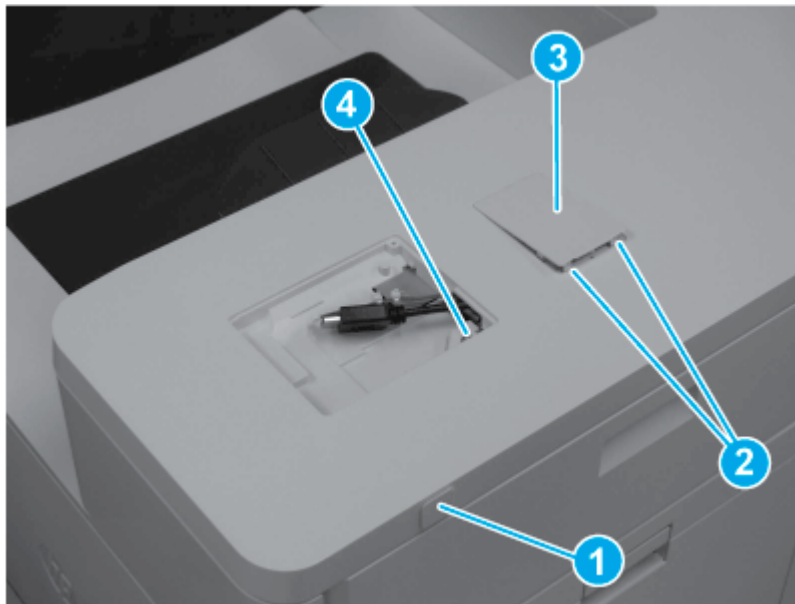
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-1978 Disconnect two connectors



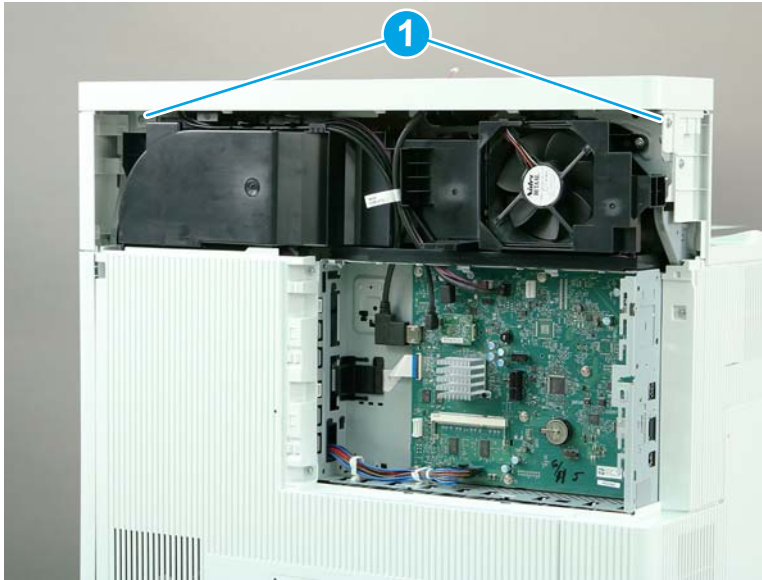
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-1979 Remove covers and one screw



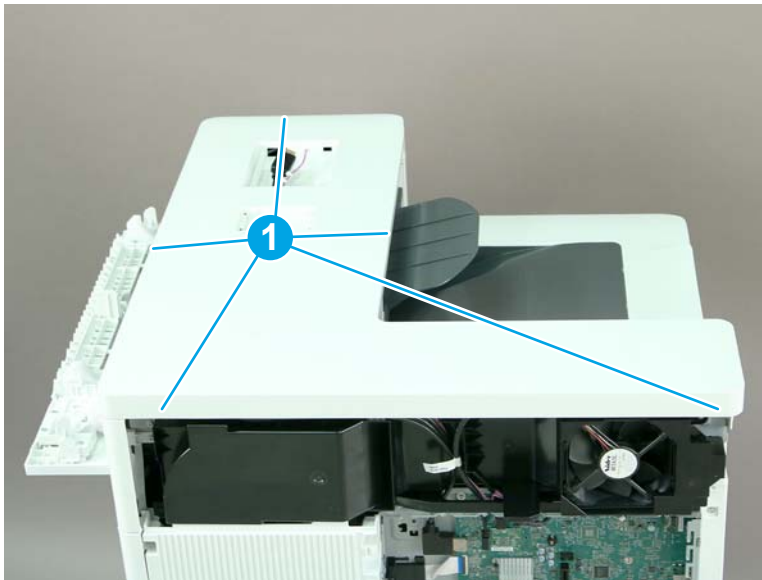
- f. Remove two screws (callout 1).

Figure 1-1980 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-1981 Release five tabs



- 10. Remove the formatter and case (M856/E85055/M776).


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 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

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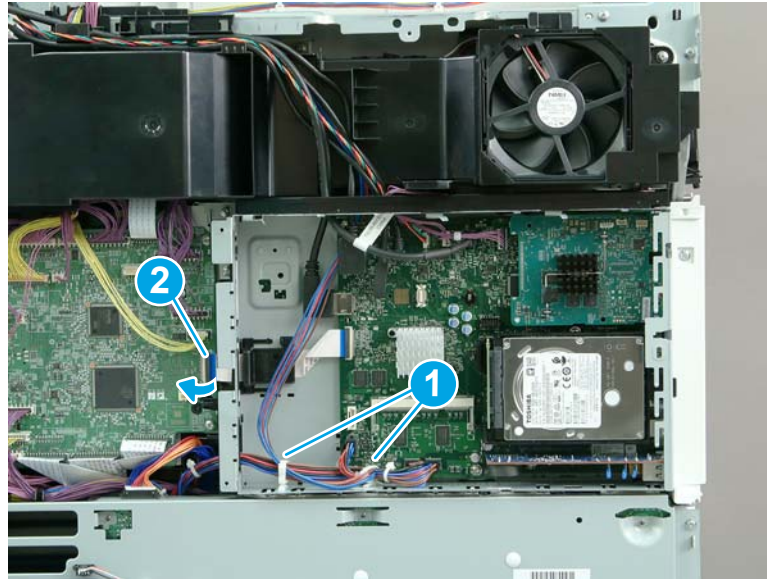
- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

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 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

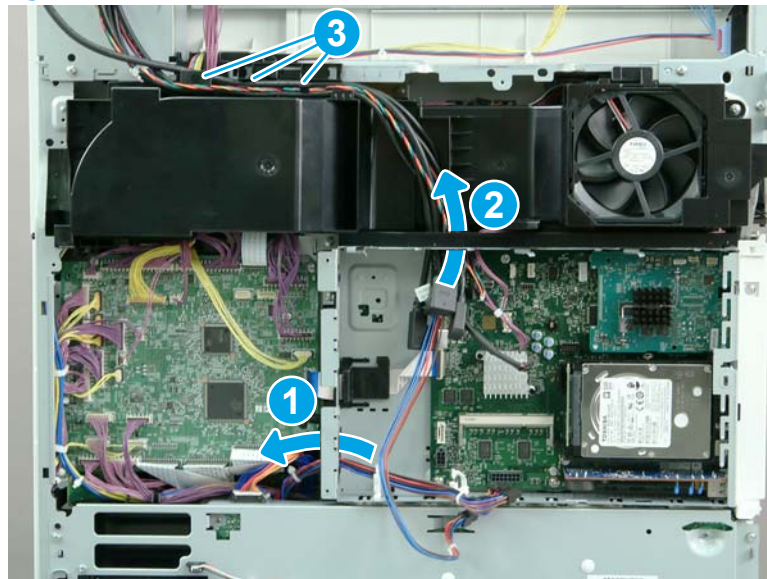
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Figure 1-1982 Disconnect the connectors



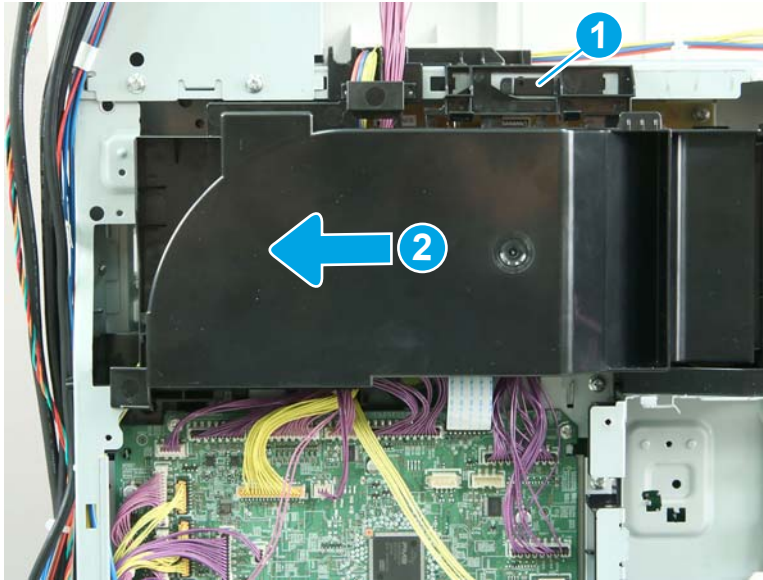
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-1983 Release the cables



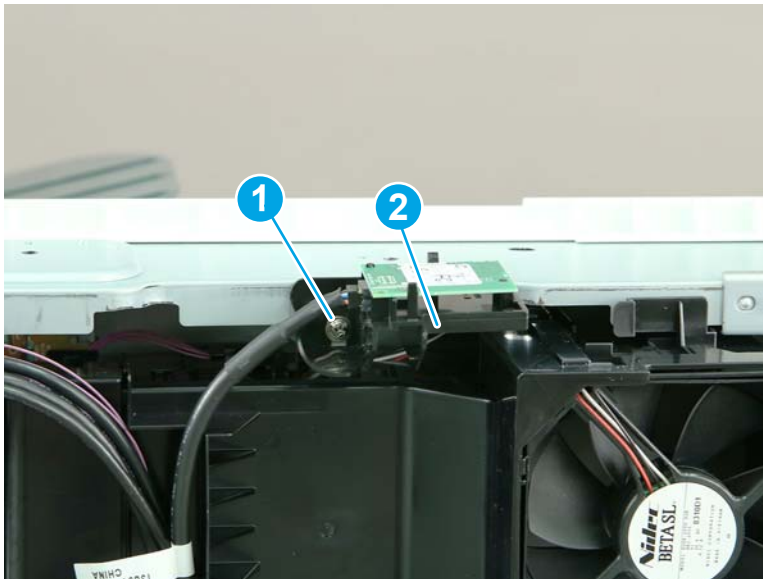
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-1984 Remove the fan duct



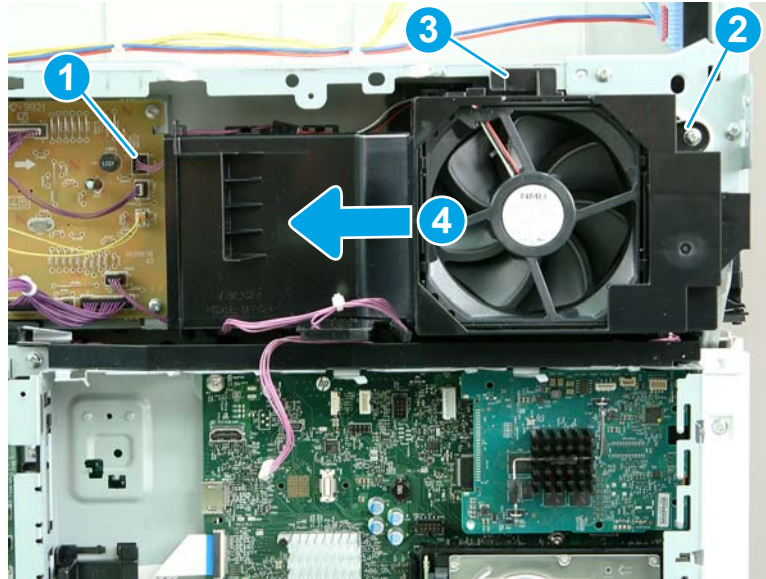
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-1985 Remove the wireless card and bracket



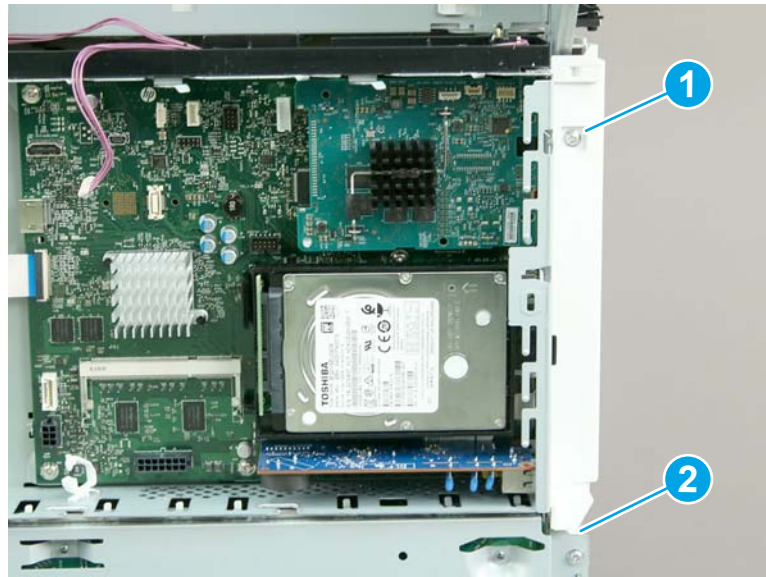
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-1986 Remove the fan assembly



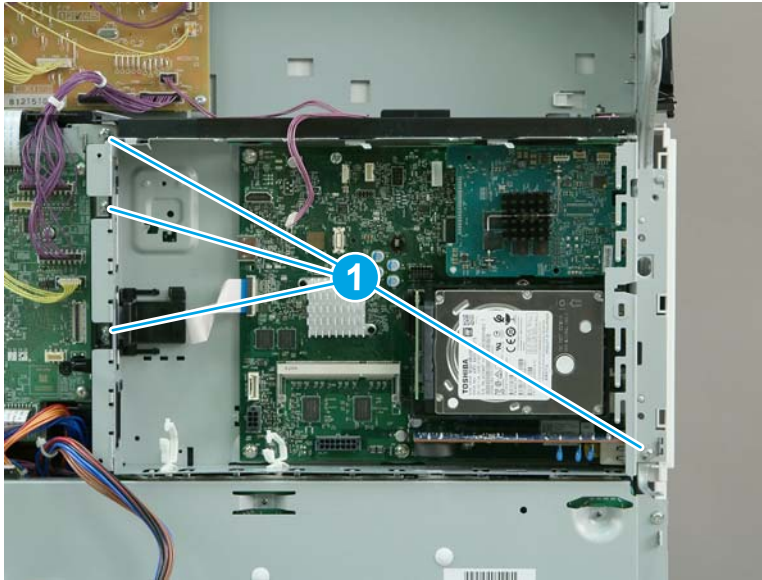
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-1987 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-1988 Remove four screws



- h. Remove the formatter and case.

Figure 1-1989 Remove the formatter and case

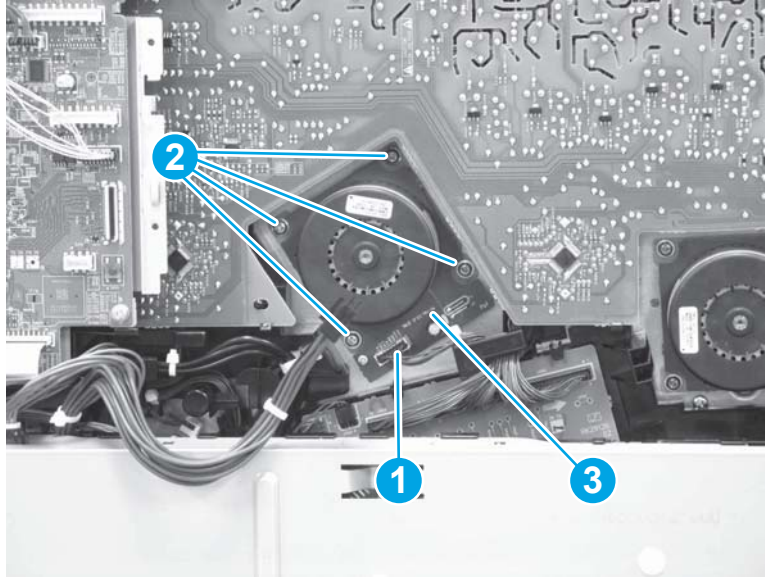


11. Remove drum motor 2.

- ▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 2 (callout 3).



Figure 1-1990 Remove drum motor 2



12. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service

work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Drum motor 3 (M751/E75245)

Learn how to remove and replace drum motor 3.



[View a video of how to remove and replace the drum motor 3.](#)


Mean time to repair: 40 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-105 Part information

Part number	Part description
RM2-1612-000CN	Main motor assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

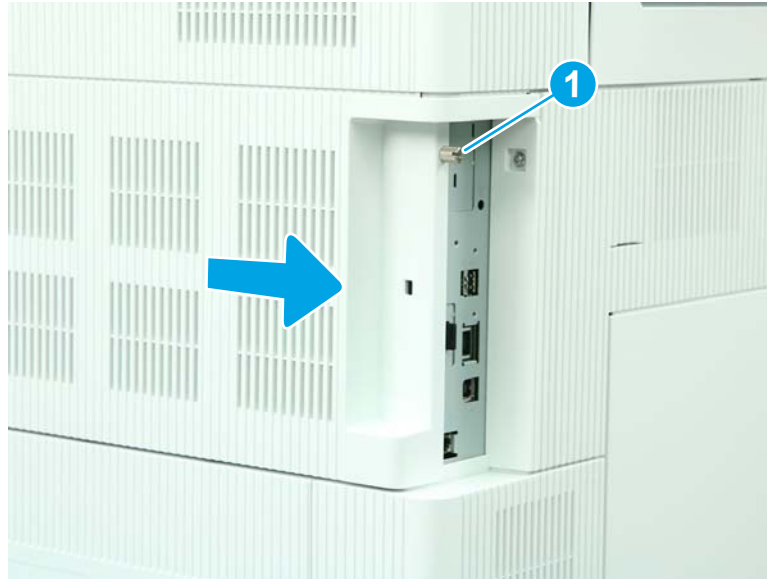
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

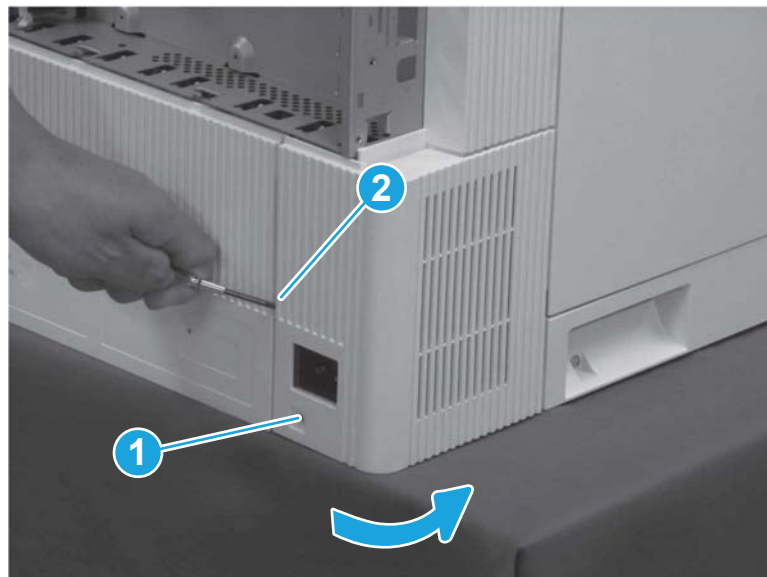
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-1991 Remove the formatter cover



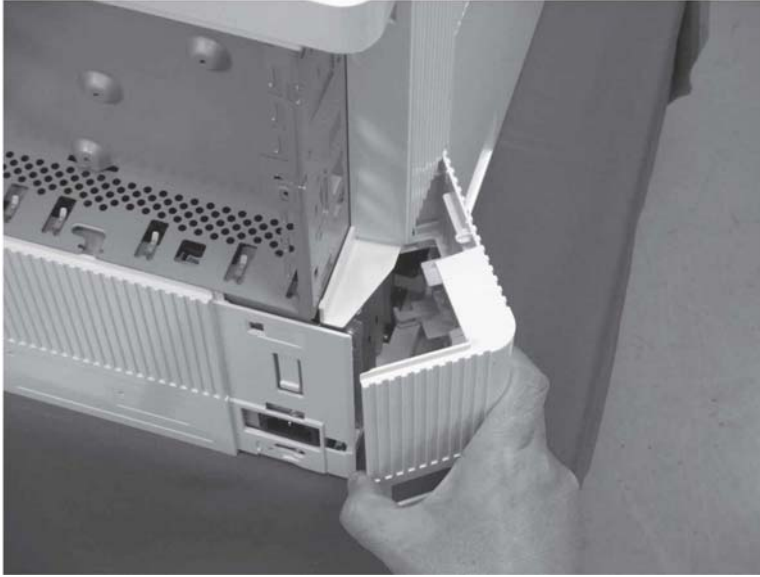
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-1992 Remove one screw and release one tab



- b. Remove the left lower cover.

Figure 1-1993 Remove the left lower cover



- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).

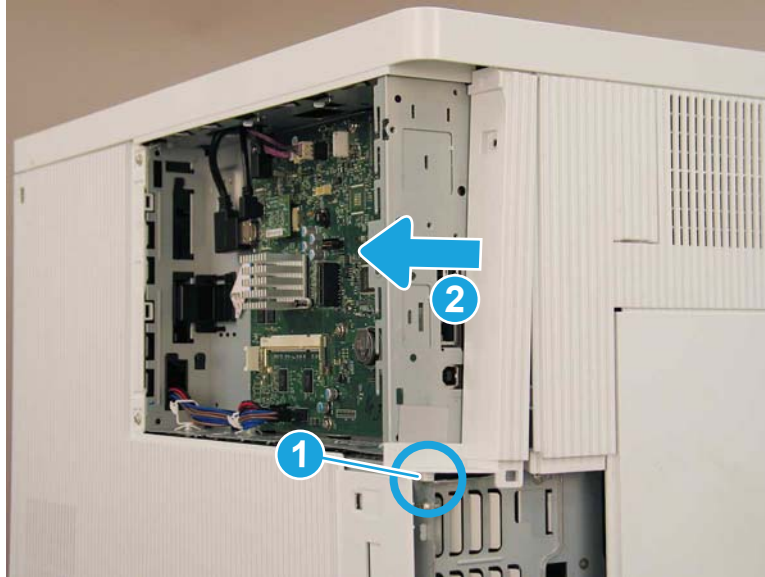
- a. Remove one screw (callout 1).

Figure 1-1994 Remove one screw



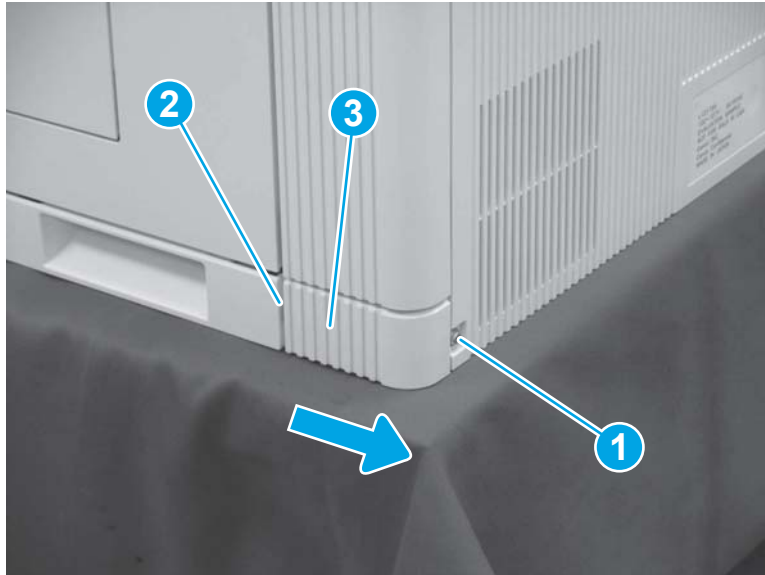
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

**Figure 1-1995** Remove the left rear cover



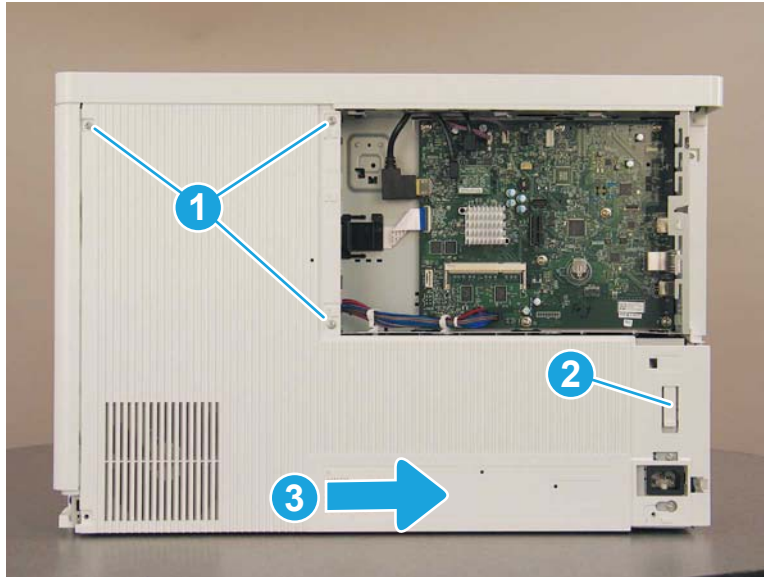
- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-1996** Remove the right rear lower cover




- 5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-1997 Remove the rear cover

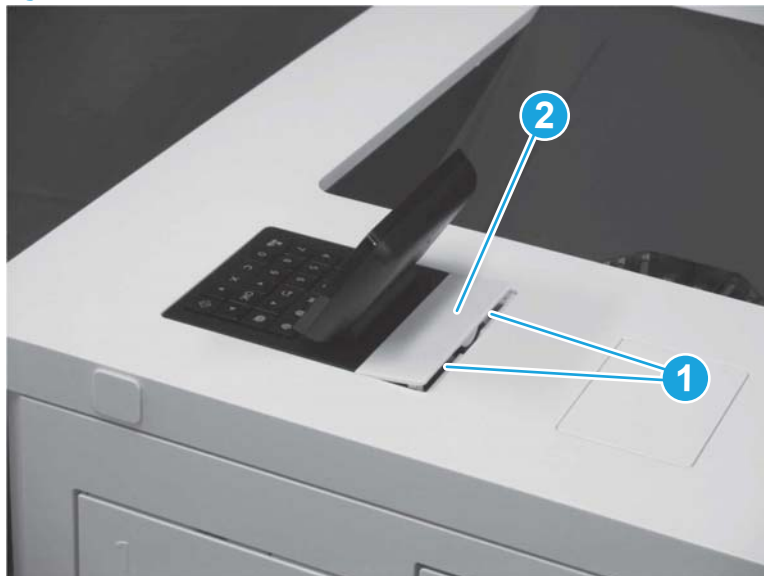


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-1998 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-1999 Remove one screw



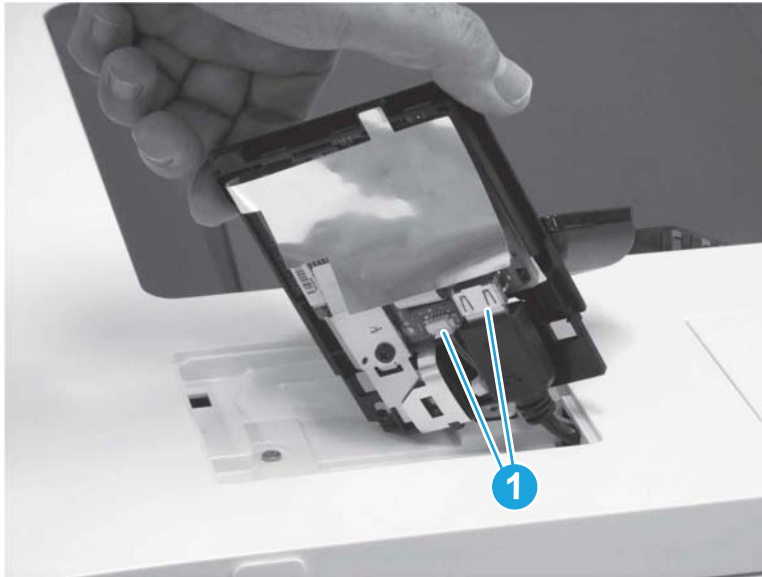
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2000 Slide the control panel back



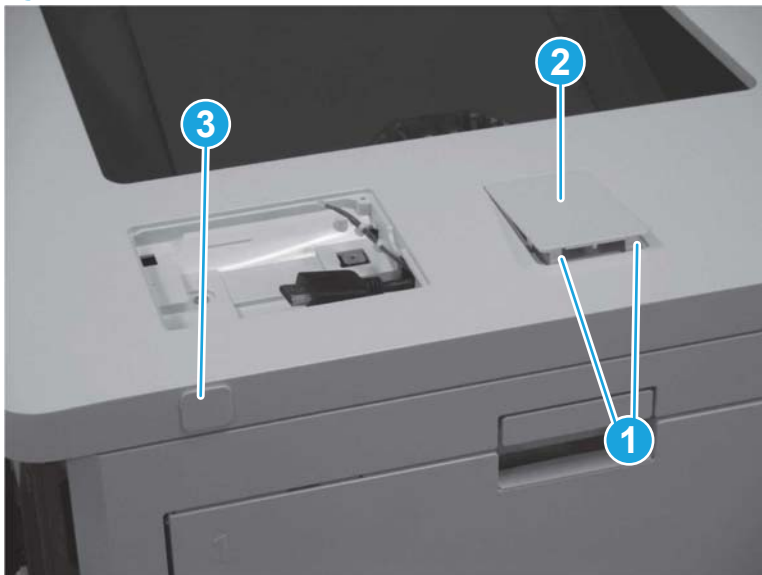
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2001 Disconnect two connectors



7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

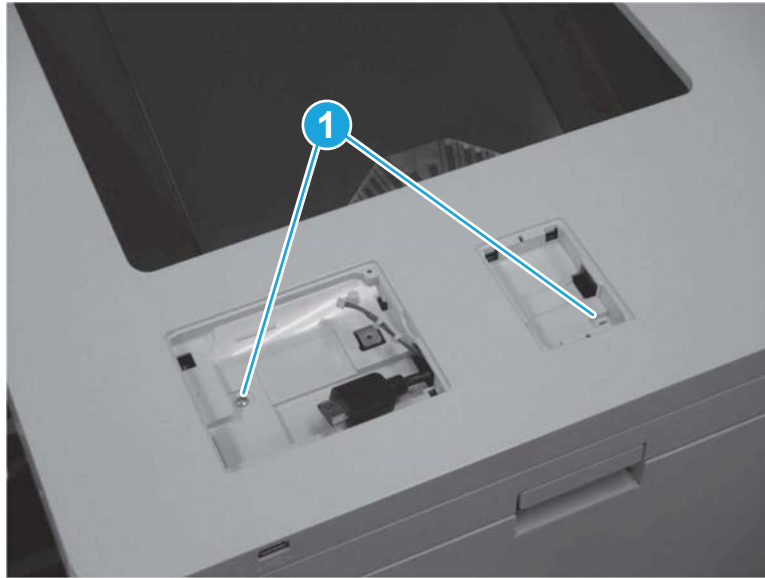
Figure 1-2002 Remove the HIP cover and USB cap





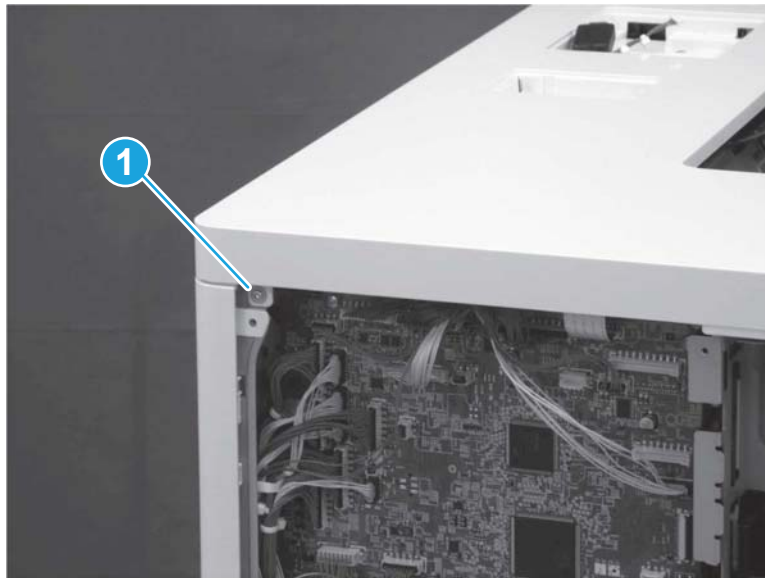
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2003 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2004 Remove one screw

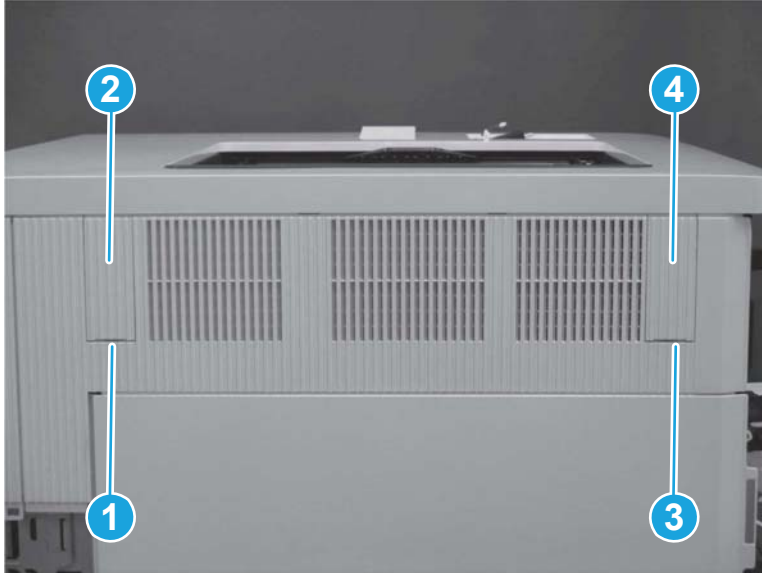


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

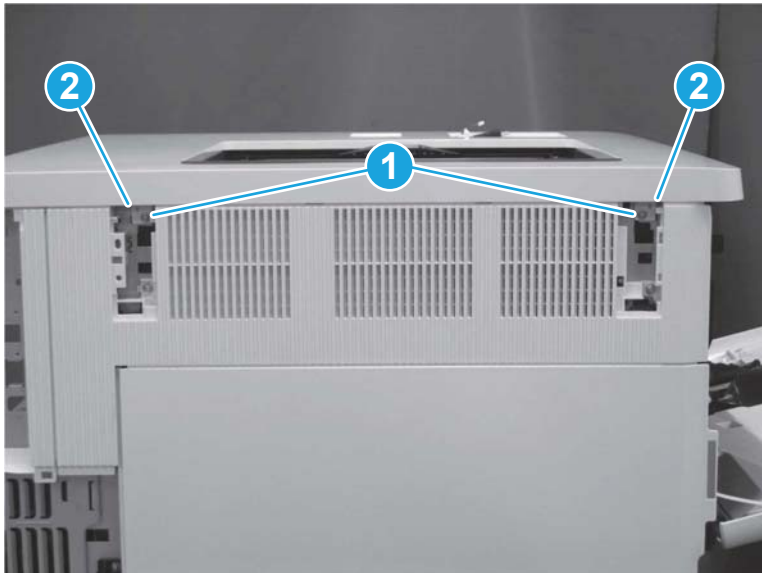
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2005** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

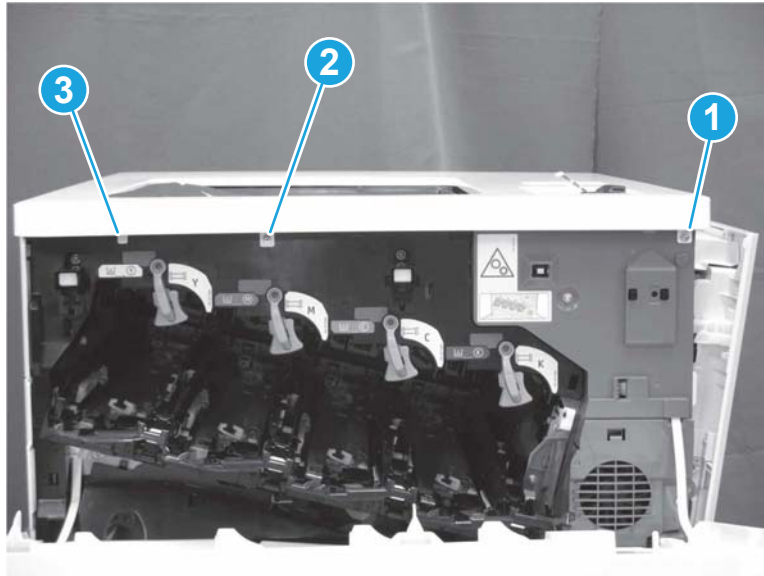
**Figure 1-2006** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

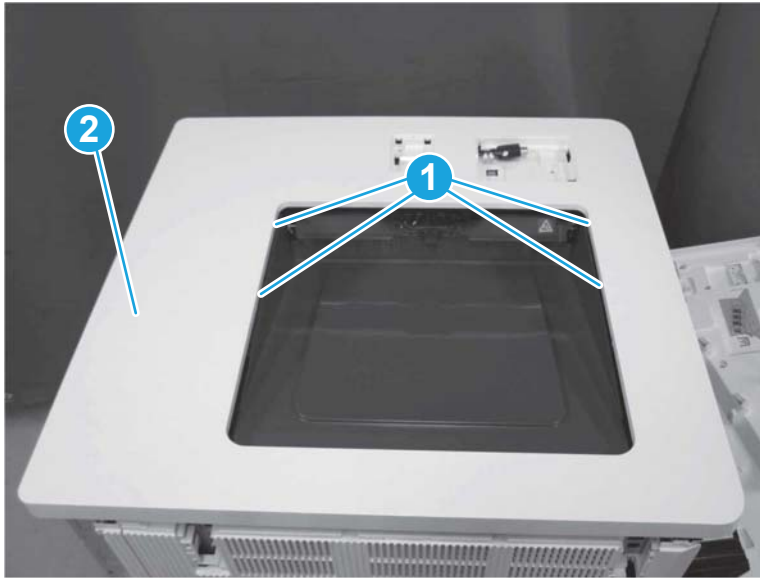
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


**Figure 1-2007** Remove two screws and release one tab

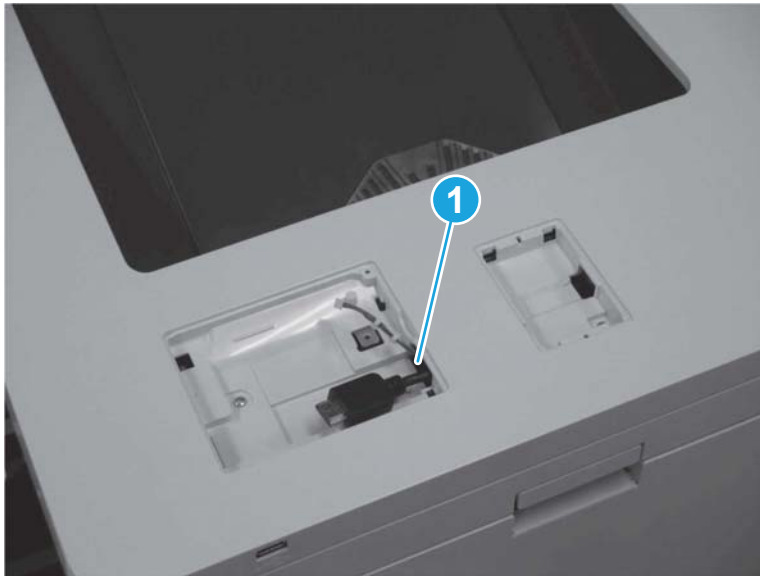


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2008 Remove the top cover

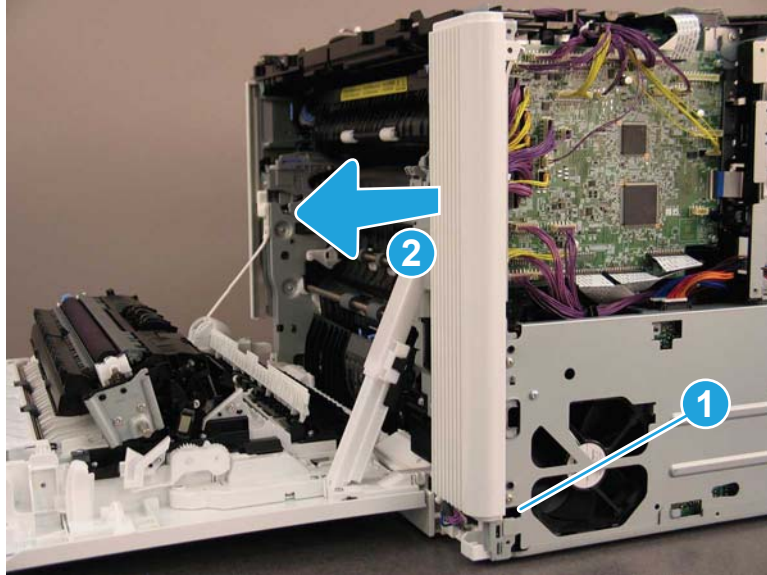


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



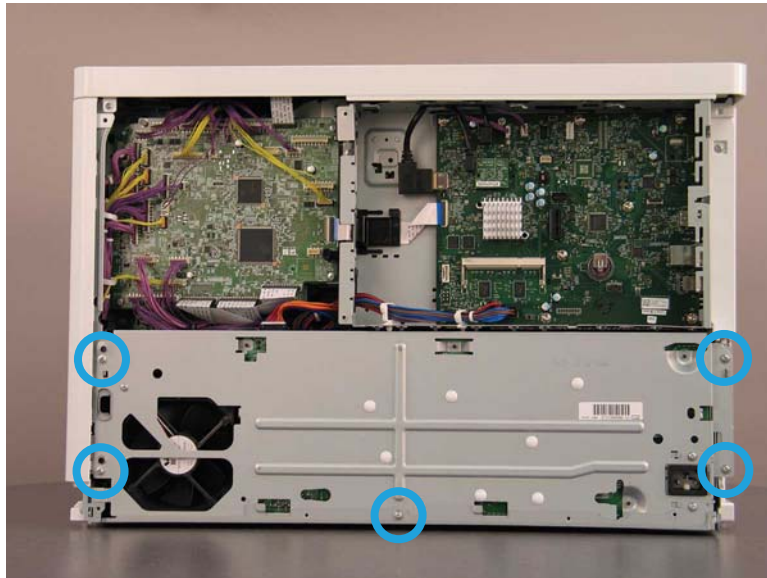
8. Remove the right rear cover (M751/E75245).
- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

Figure 1-2009 Remove the right rear cover



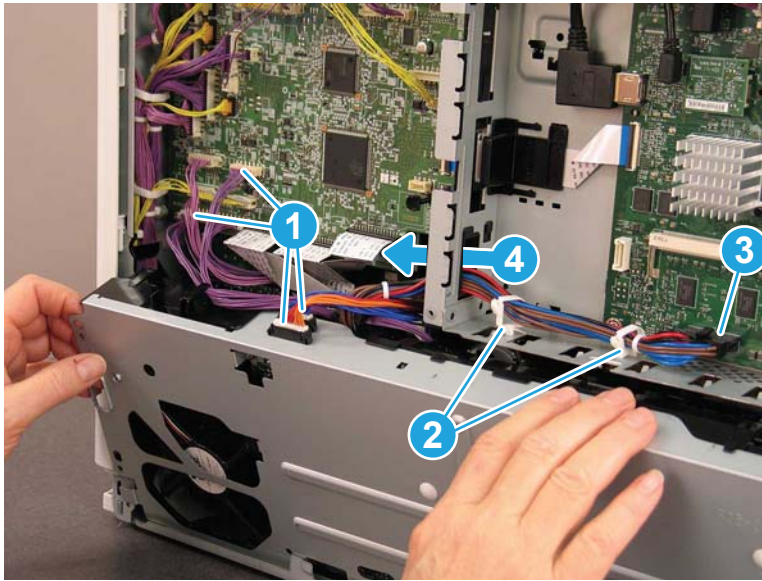
9. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-2010 Remove five screws



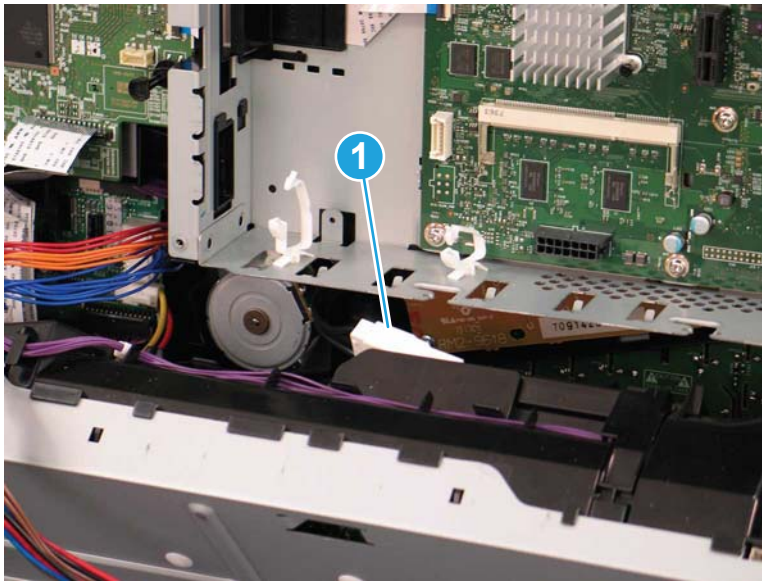
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-2011 Disconnect five connectors



- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

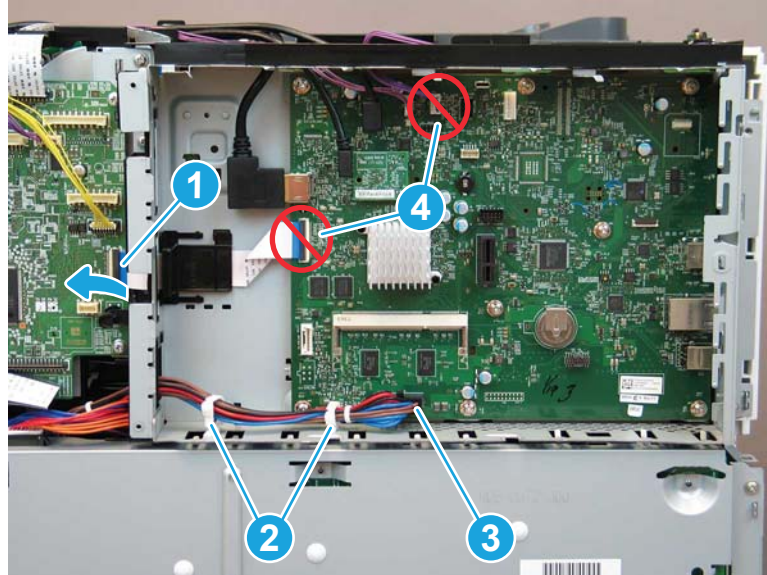
Figure 1-2012 Remove the LVPS



10. Remove the formatter and case.

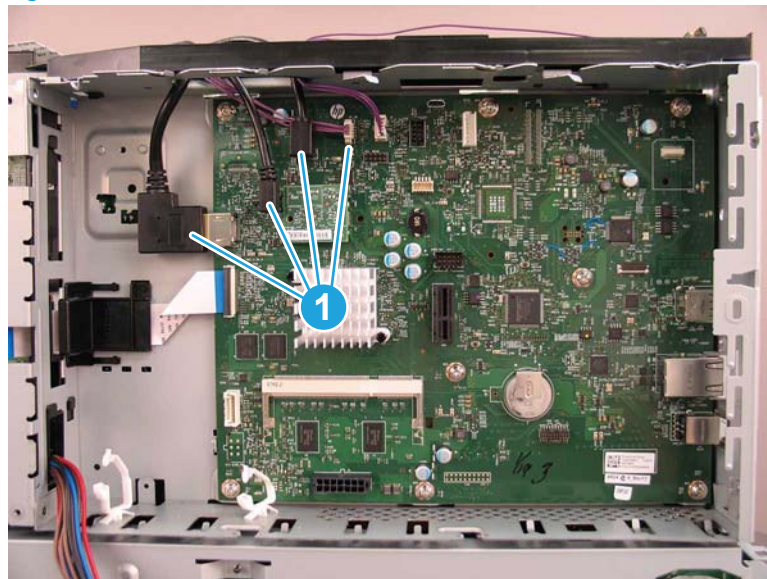
- a. Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-2013 Disconnect the connectors



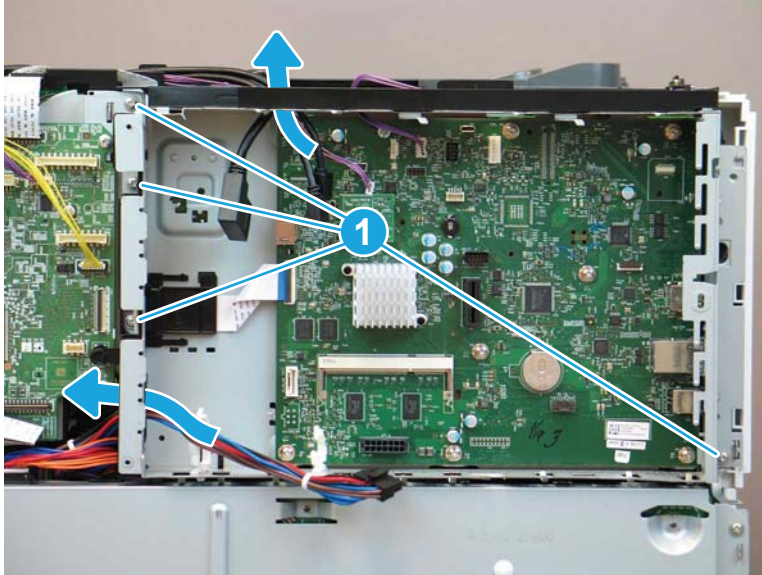
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-2014 Disconnect the connectors



- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

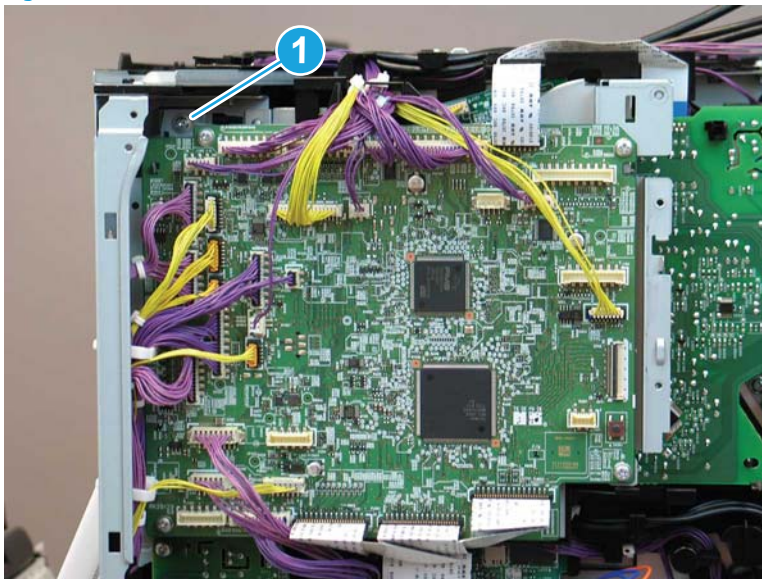
Figure 1-2015 Remove the formatter and case



- 11. Remove the DC controller and case.

- a. Disconnect all of the connectors on the DC controller, and then remove one screw (callout 1).

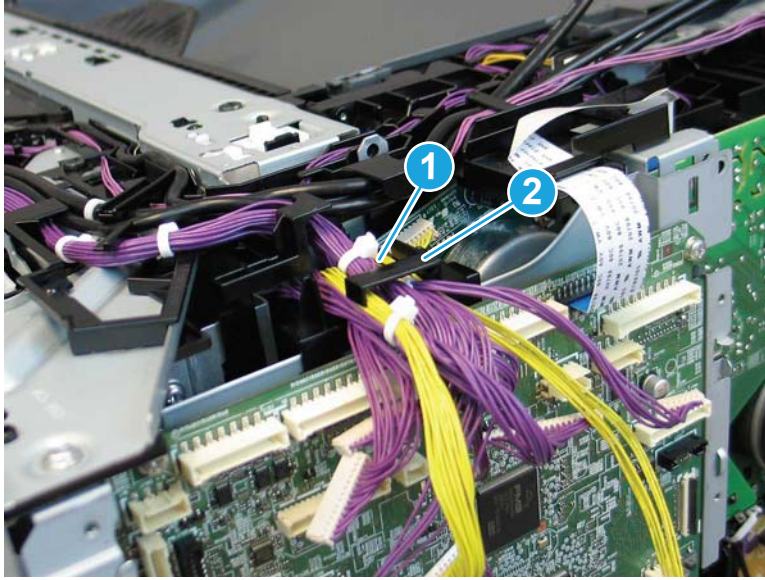
Figure 1-2016 Disconnect connectors and remove one screw





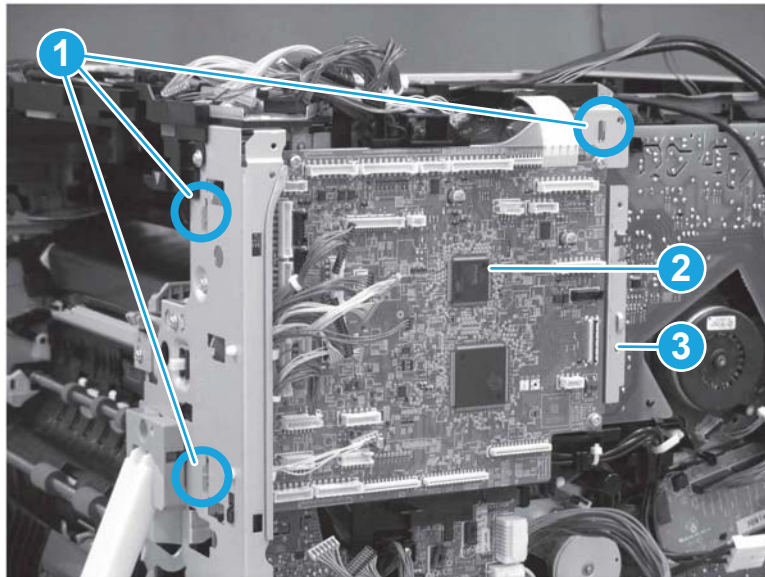
- b. Release the wire harnesses (callout 1) from the retainer (callout 2).

**Figure 1-2017** Remove the wire harnesses from the retainer



- c. Lift up to release three tabs (callout 1), and then remove the DC controller (callout 2) together with the case (callout 3).

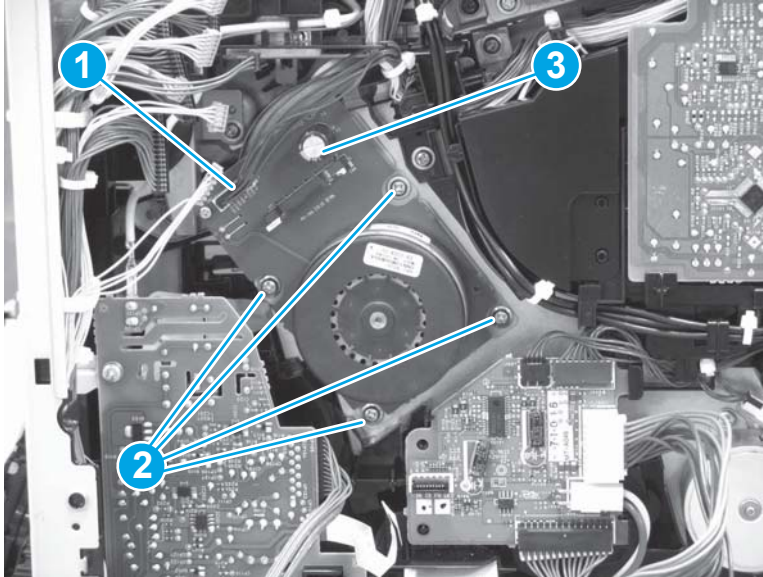
**Figure 1-2018** Remove the DC controller and case



**12.** Remove drum motor 3.

- ▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 3 (callout 3).

Figure 1-2019 Remove drum motor 3



13. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Drum motor 3 (M856/E85055/M776)

Learn how to remove and replace drum motor 3.



[View a video of how to remove and replace the drum motor 3.](#)

Mean time to repair: 40 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-106** Part information

Part number	Part description
RM2-1612-000CN	Main motor assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

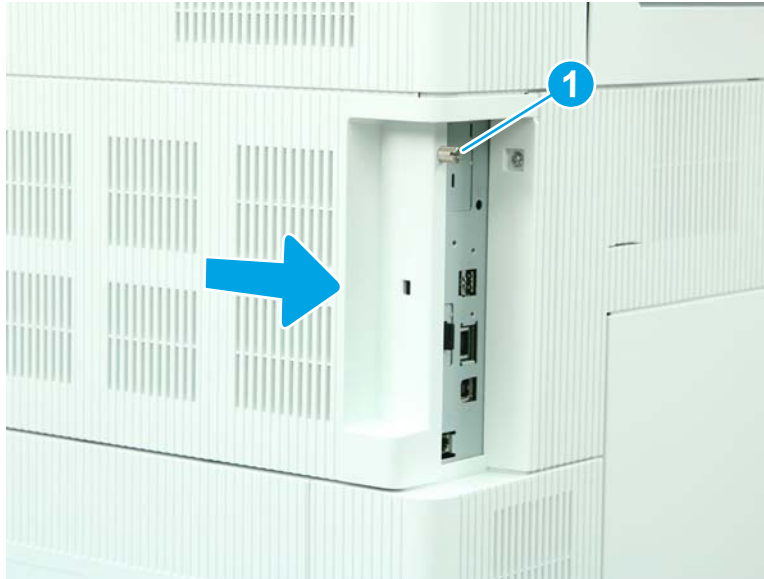
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

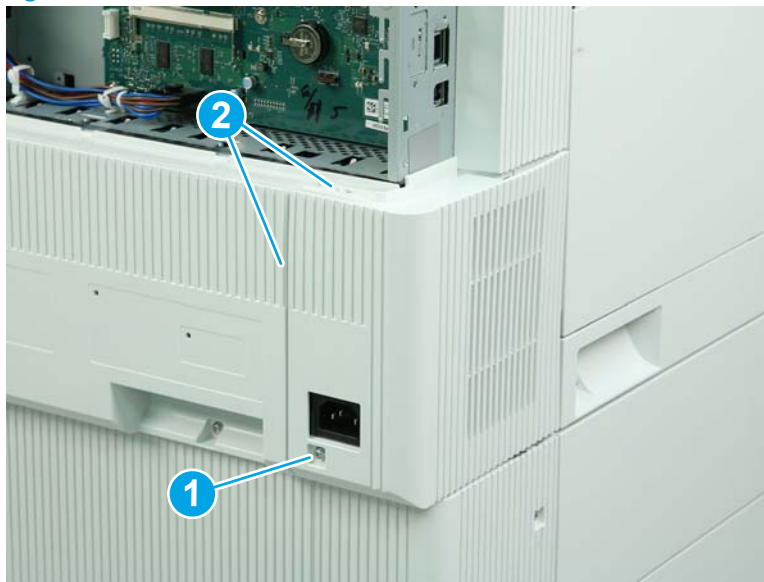
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2020 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2021 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

Figure 1-2022 Remove the left lower cover



- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).

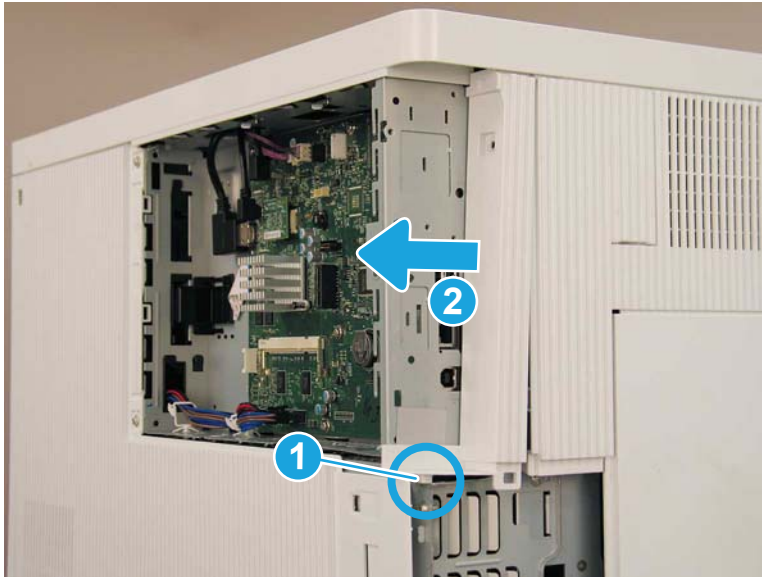
- a. Remove one screw (callout 1).

Figure 1-2023 Remove one screw



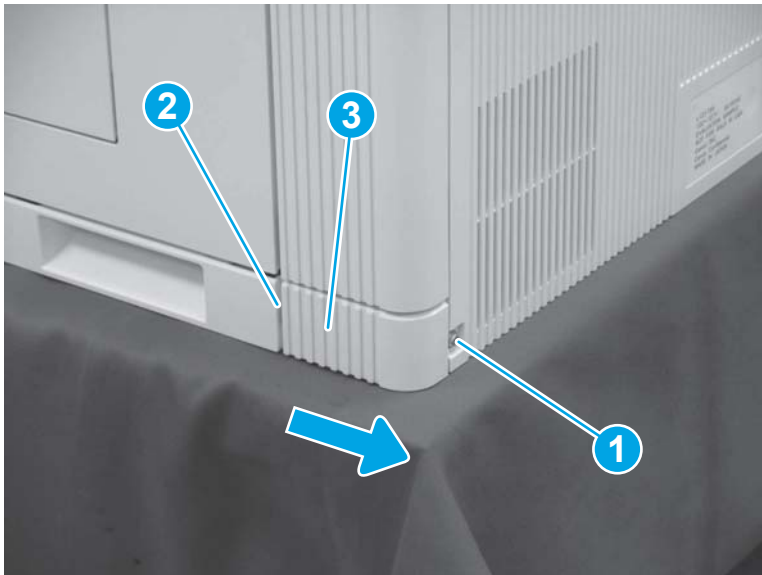
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2024 Remove the left rear cover



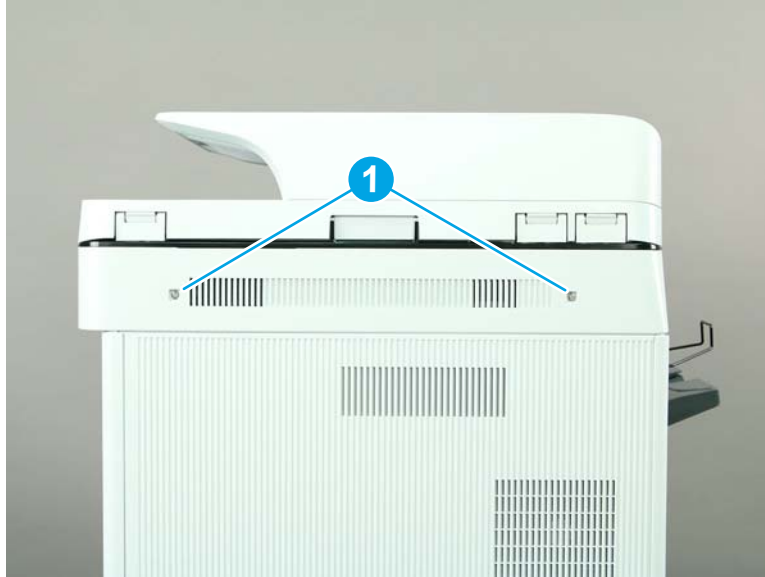
- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2025 Remove the right rear lower cover



- 5. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2026 Remove two screws



- b. Remove the SCB cover.

Figure 1-2027 Remove the SCB cover

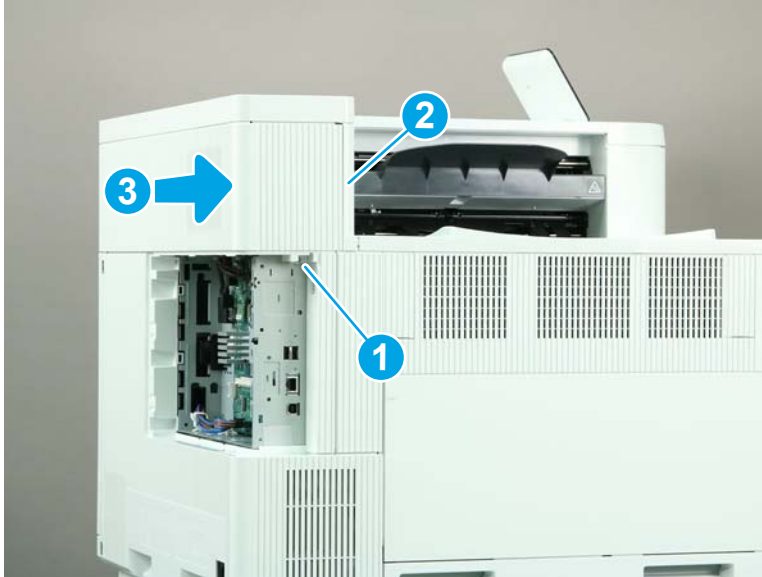


6. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

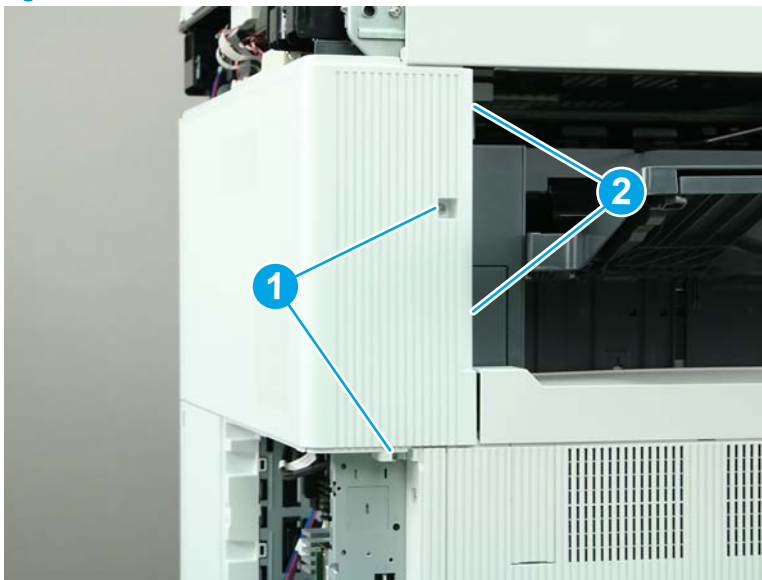
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2028 Remove the rear upper cover



7. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2029 Remove two screws and release two tabs





- b. Slide the cover to the right to remove it.

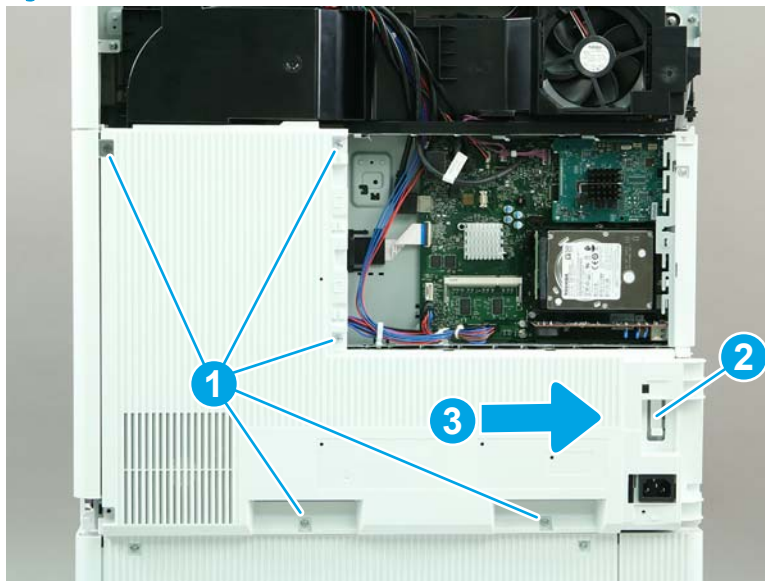
**Figure 1-2030** Remove the rear upper and left rear upper cover



- 8. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

**Figure 1-2031** Remove the rear cover (M856/E85055/M776)



- 9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2032 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2033 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-2034** Slide the control panel back



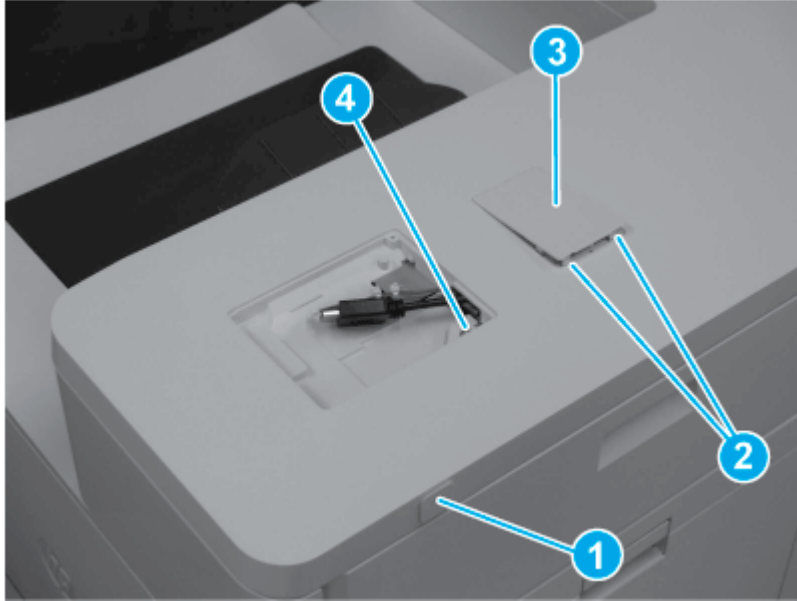
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

**Figure 1-2035** Disconnect two connectors



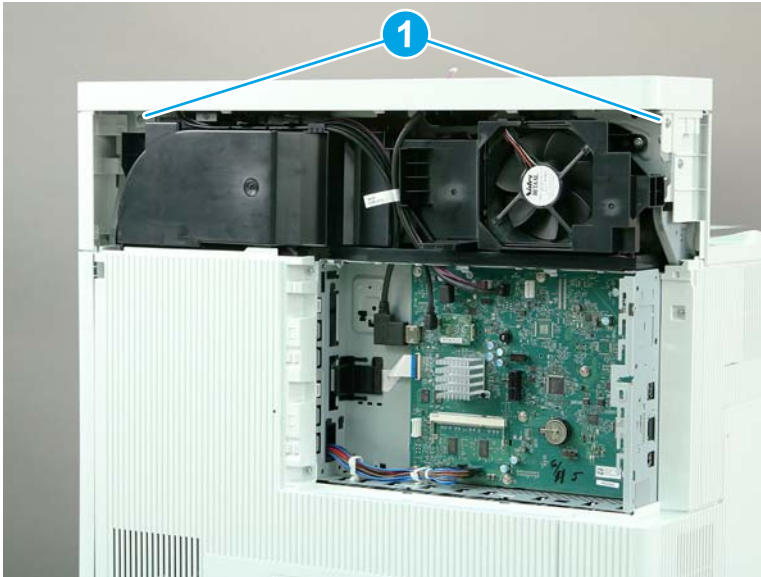
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2036 Remove covers and one screw



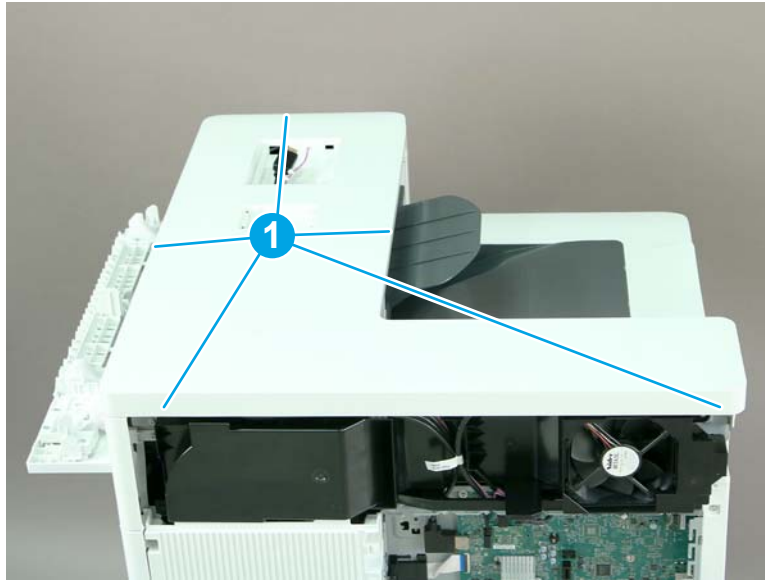
- f. Remove two screws (callout 1).

Figure 1-2037 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

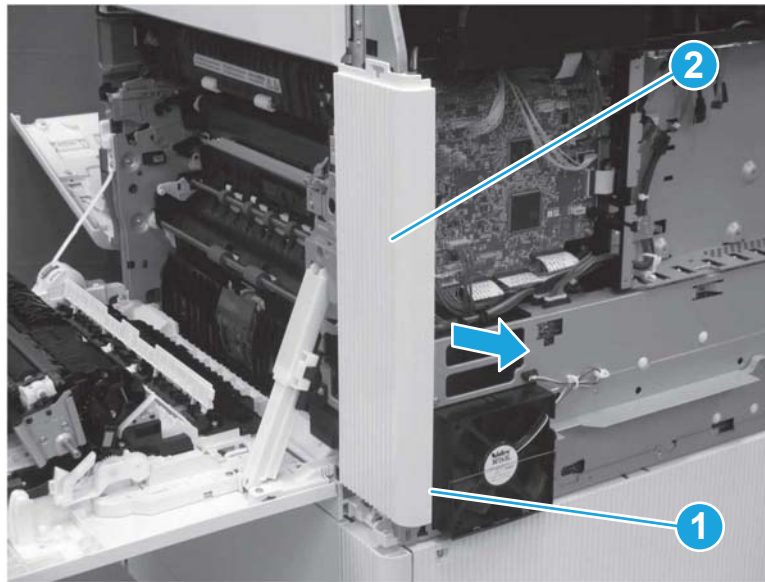
Figure 1-2038 Release five tabs



- 10. Remove the right rear cover (M856/E85055/M776).

- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

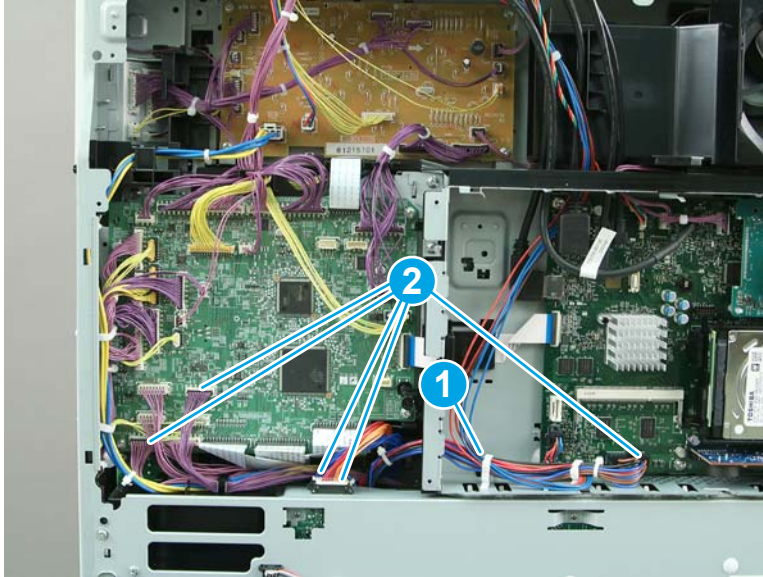
Figure 1-2039 Remove right rear cover



- 11. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).

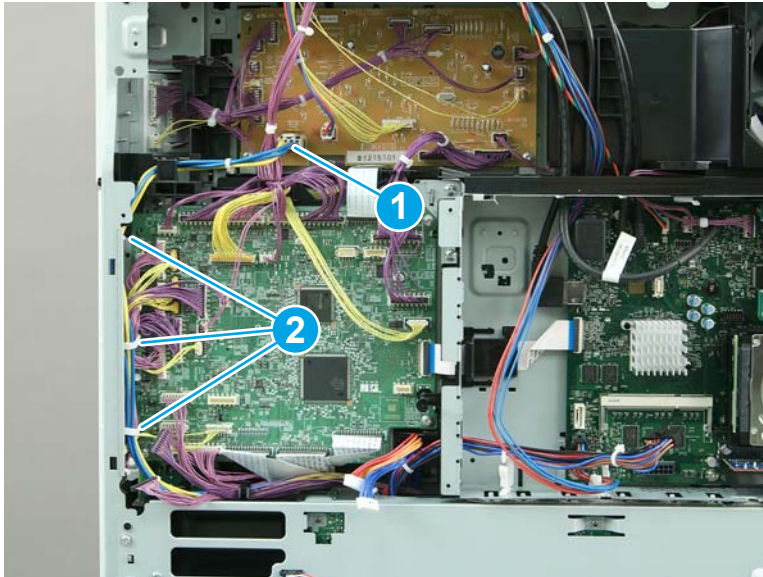
- a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-2040 Release the retainer and disconnect five connectors



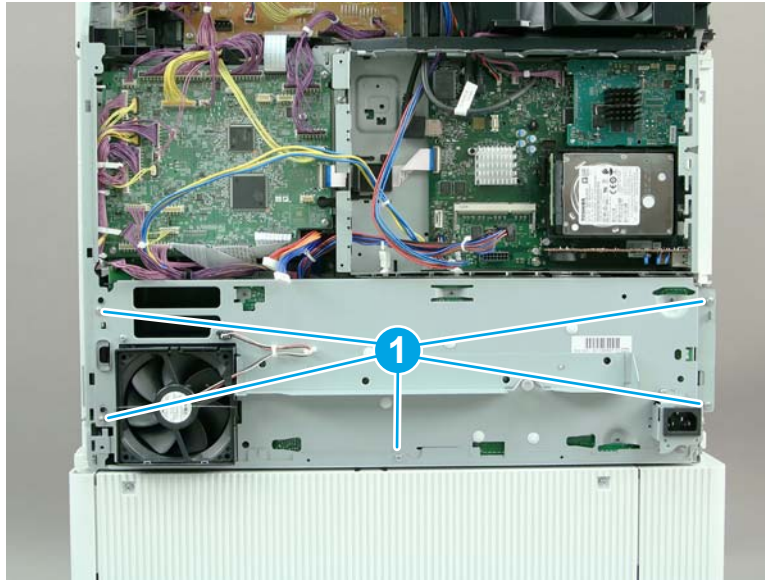
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-2041 Disconnect one connector and release five retainers



- c. Remove five screws (callout 1).

Figure 1-2042 Remove five screws

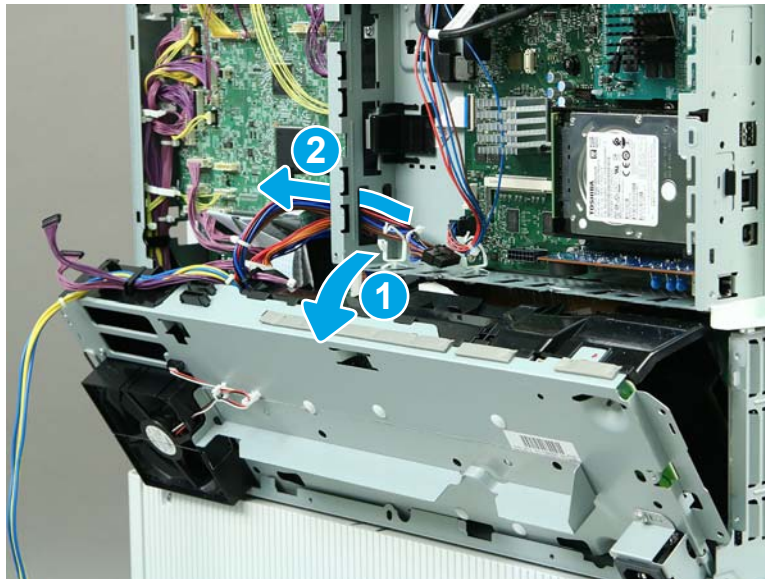


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

**NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

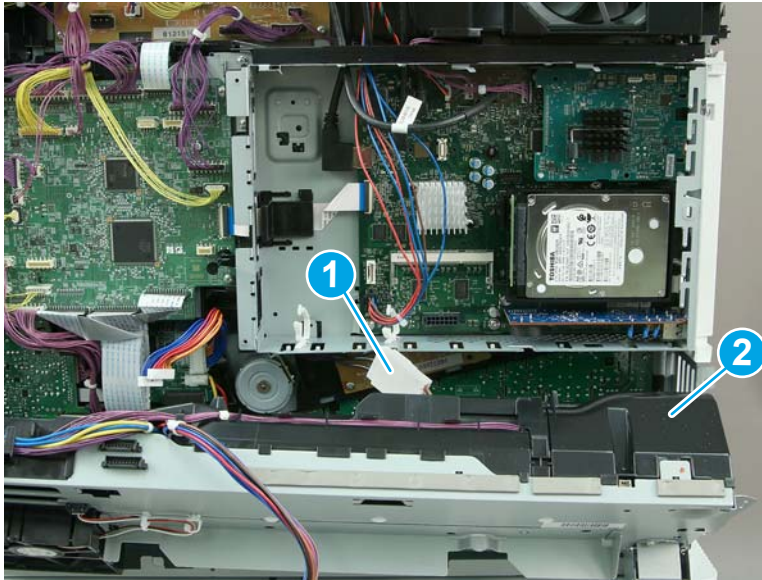
**CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-2043 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

Figure 1-2044 Remove the LVPS



- 12. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.


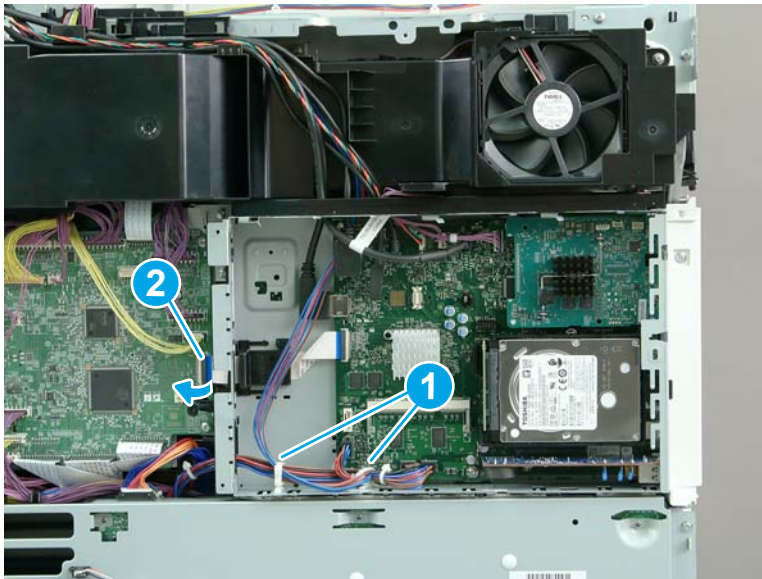
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

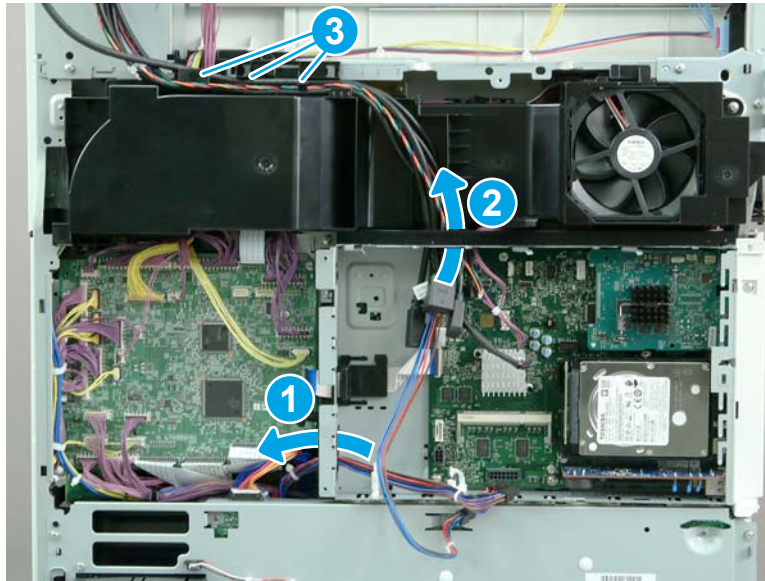
Figure 1-2045 Disconnect the connectors





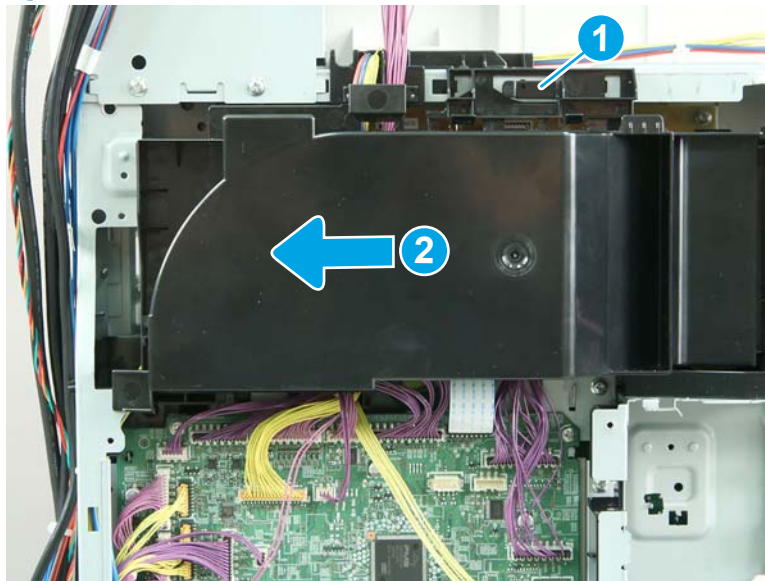
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-2046 Release the cables



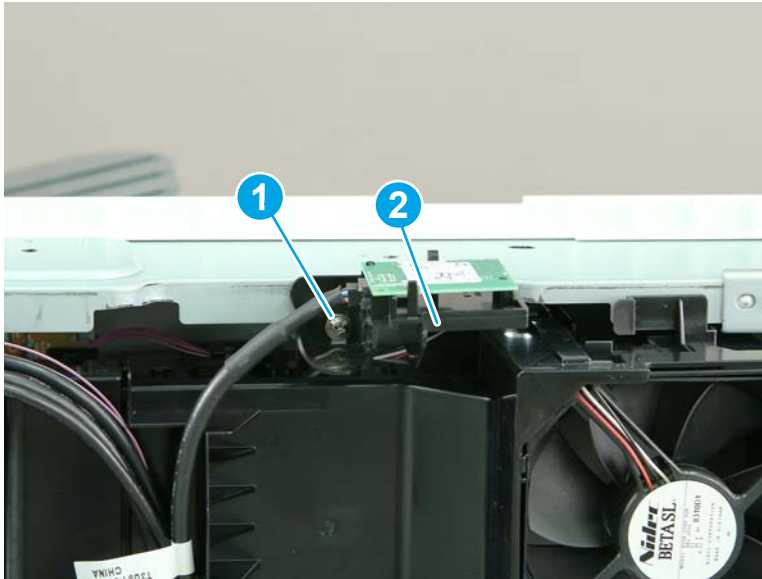
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-2047 Remove the fan duct



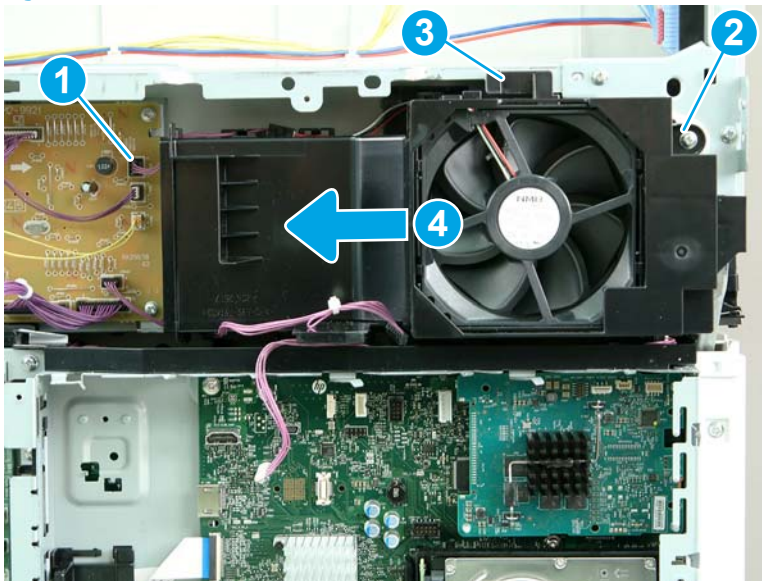
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-2048 Remove the wireless card and bracket



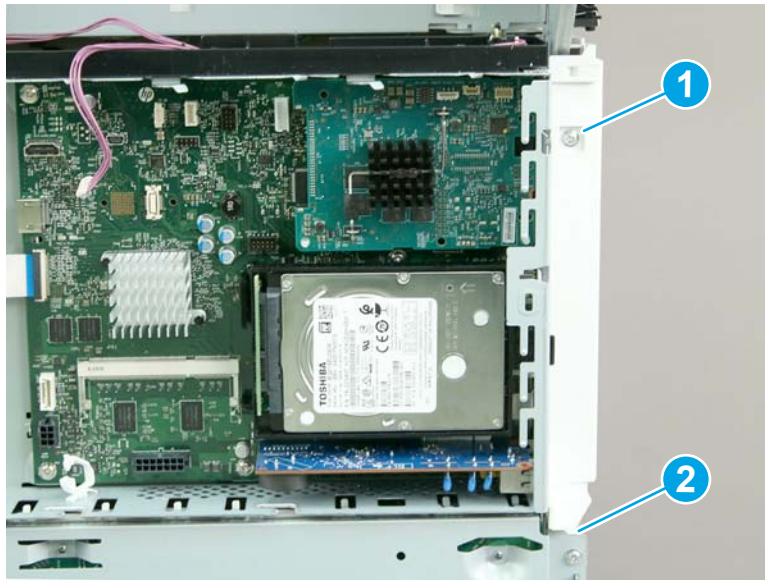
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-2049 Remove the fan assembly



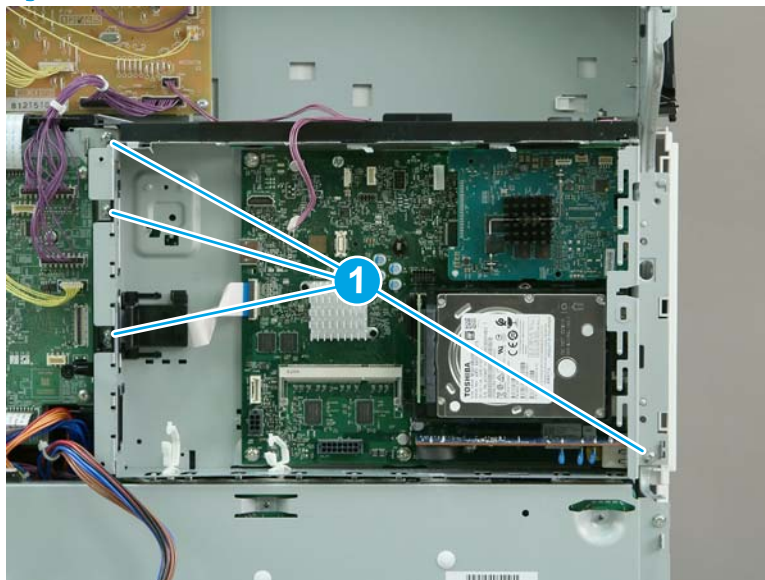
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-2050 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-2051 Remove four screws



- h. Remove the formatter and case.

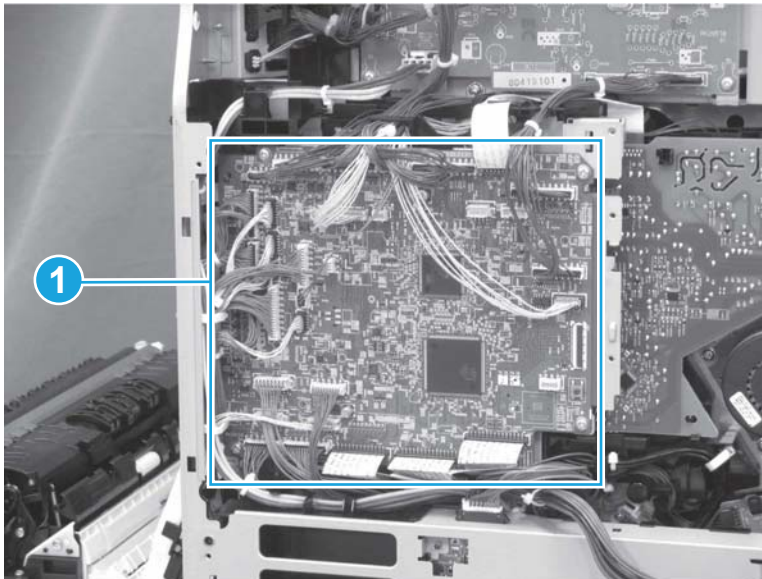
Figure 1-2052 Remove the formatter and case



- 13. Remove the DC controller and case (M856/E85055/M776).

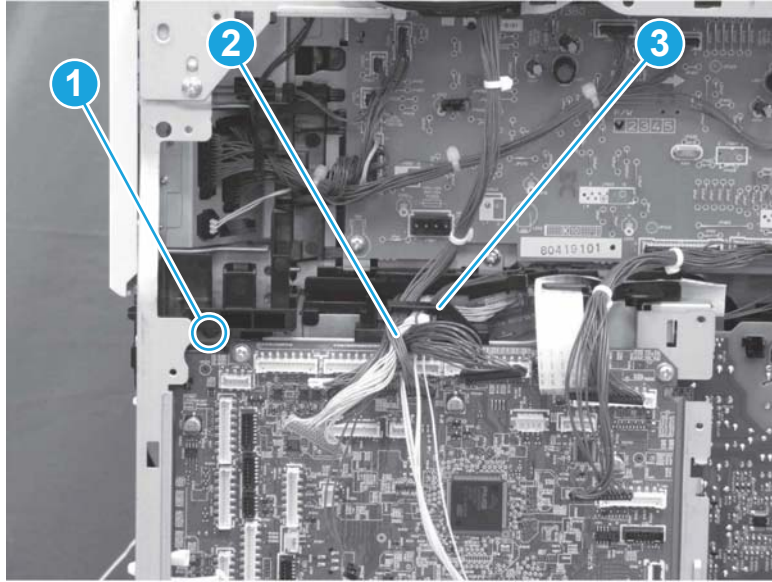
- a. Disconnect all of the connectors on the DC controller.

Figure 1-2053 Disconnect the connectors



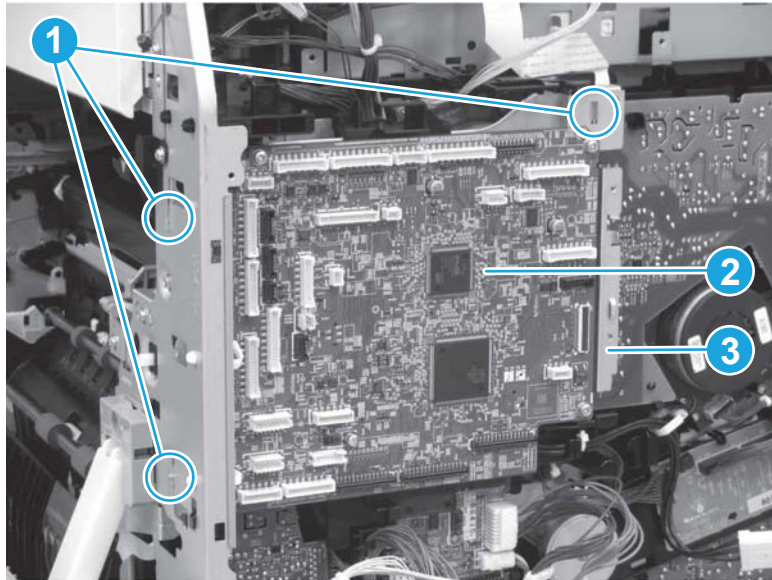
- b. Remove one screw (callout 1), and then release the cables (callout 2) from the cable guide (callout 3).

Figure 1-2054 Remove one screw and release the cables



- c. Remove one screw (callout 1), and then remove the DC controller (callout 2) together with the metal case (callout 3).

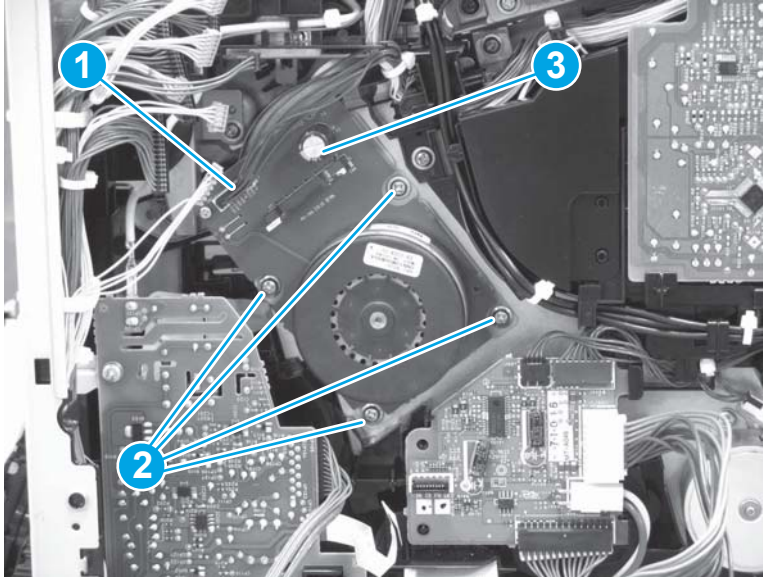
Figure 1-2055 Remove the DC controller and case



14. Remove drum motor 3.

- ▲ Disconnect one connector (callout 1), remove four screws (callout 2), and then remove drum motor 3 (callout 3).

Figure 1-2056 Remove drum motor 3



15. Unpack the replacement assembly.

a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Developer alienation motor (M751/E75245)

Learn how to remove and replace developer alienation motor.



[View a video of how to remove and replace the developer alienation motor.](#)

Mean time to repair: 15 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-107 Part information**

Part number	Part description
RK2-6027-000CN	Motor, stepping

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

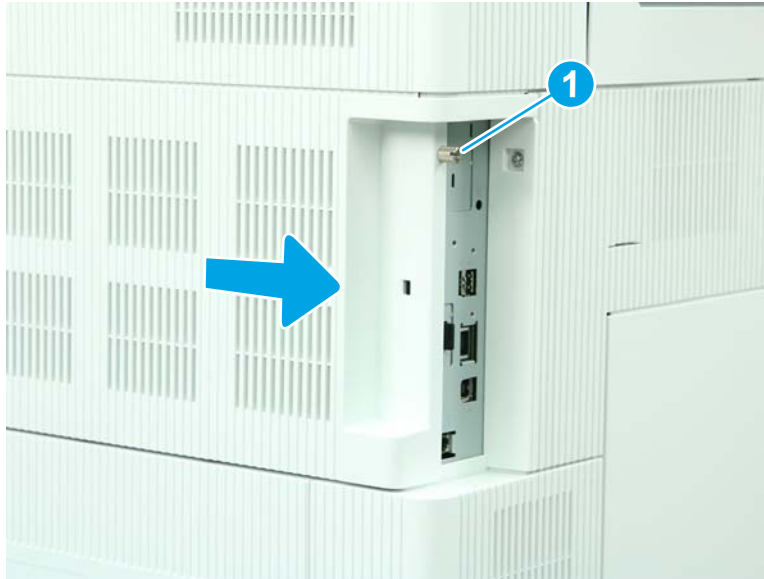
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

No post service test is available for this assembly.

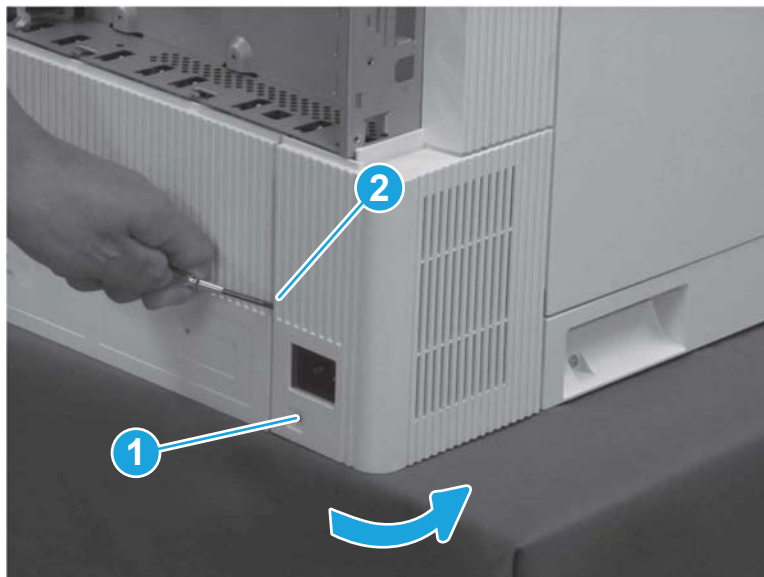
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2057 Remove the formatter cover



2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

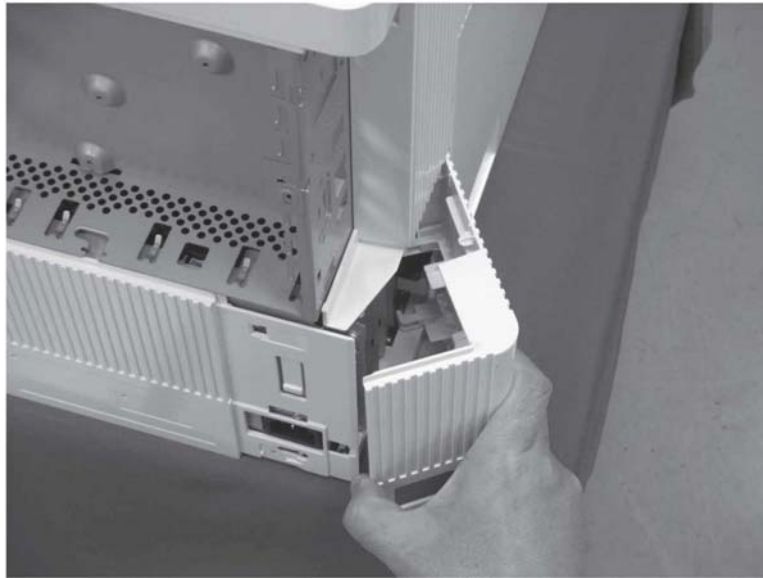
Figure 1-2058 Remove one screw and release one tab





- b. Remove the left lower cover.

Figure 1-2059 Remove the left lower cover



- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).

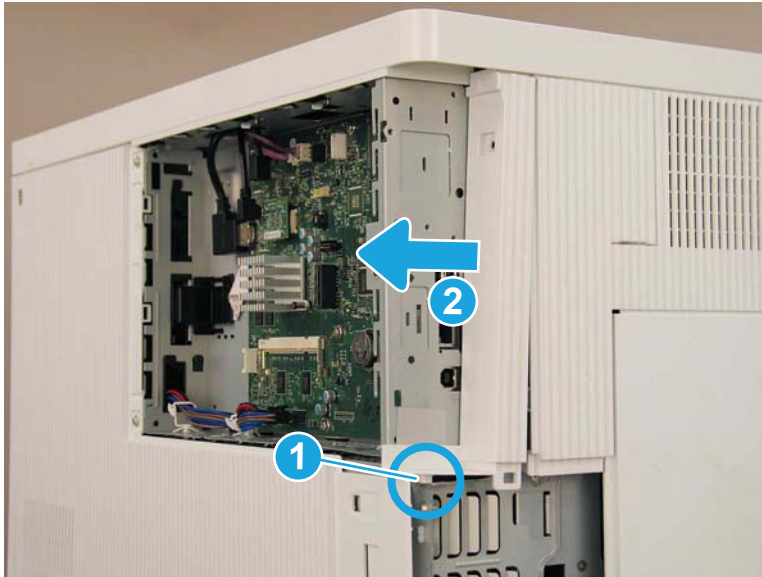
- a. Remove one screw (callout 1).

Figure 1-2060 Remove one screw



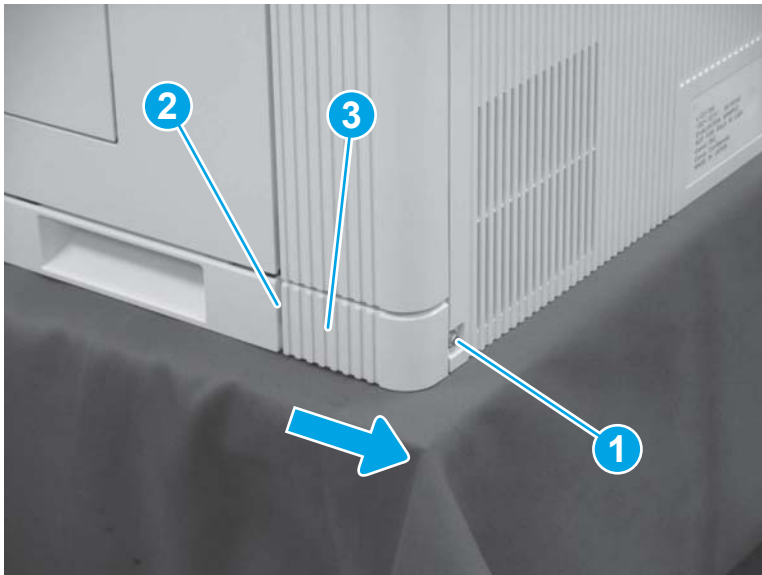
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2061 Remove the left rear cover



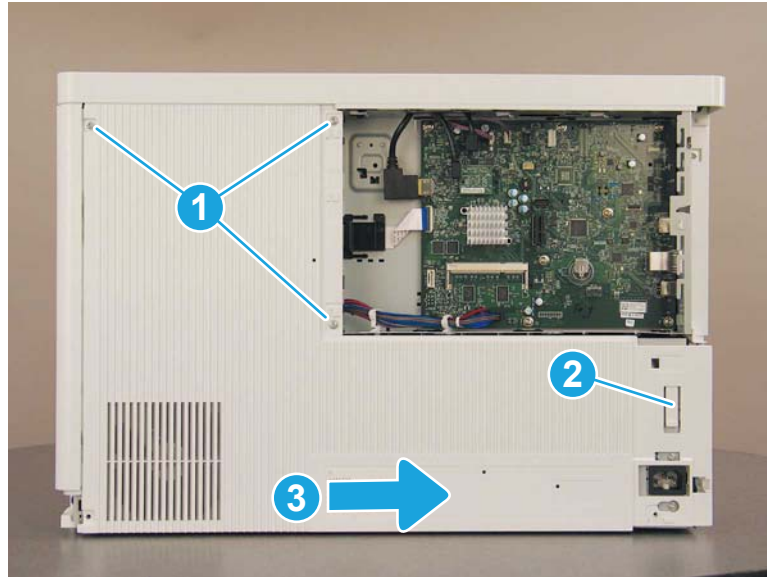
- 4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2062 Remove the right rear lower cover



- 5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2063 Remove the rear cover

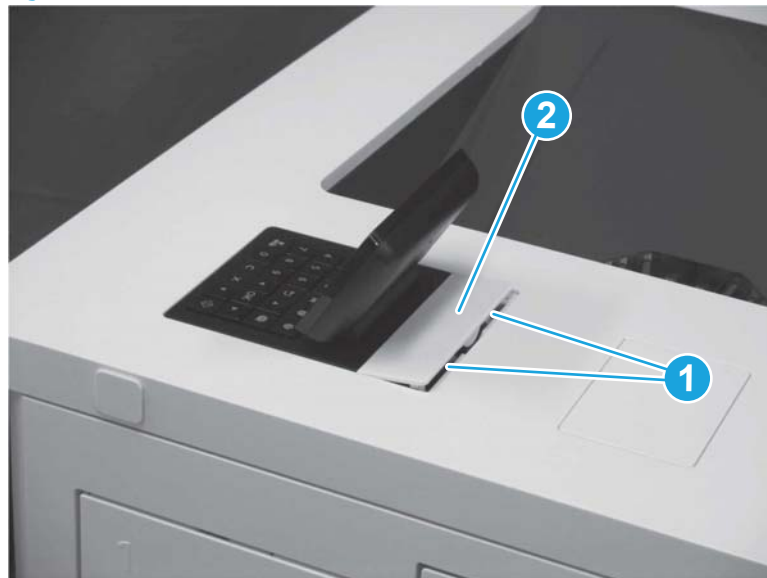


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2064 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2065 Remove one screw



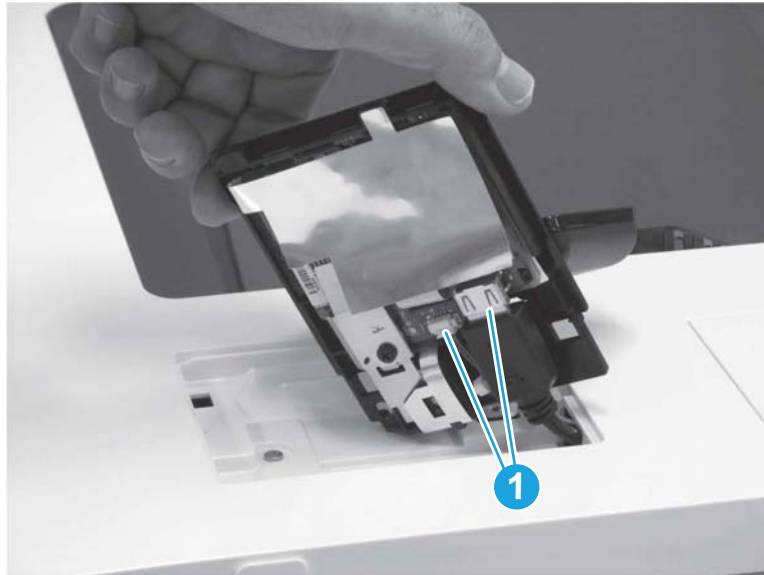
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2066 Slide the control panel back



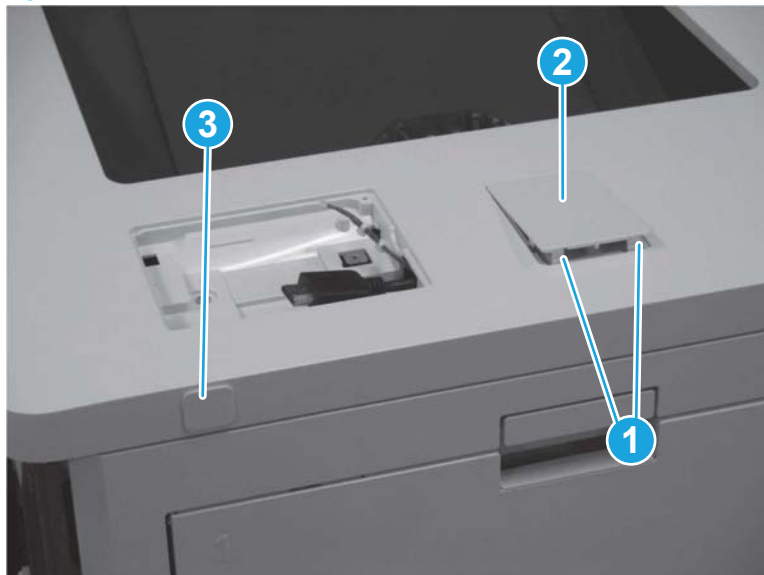
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2067 Disconnect two connectors



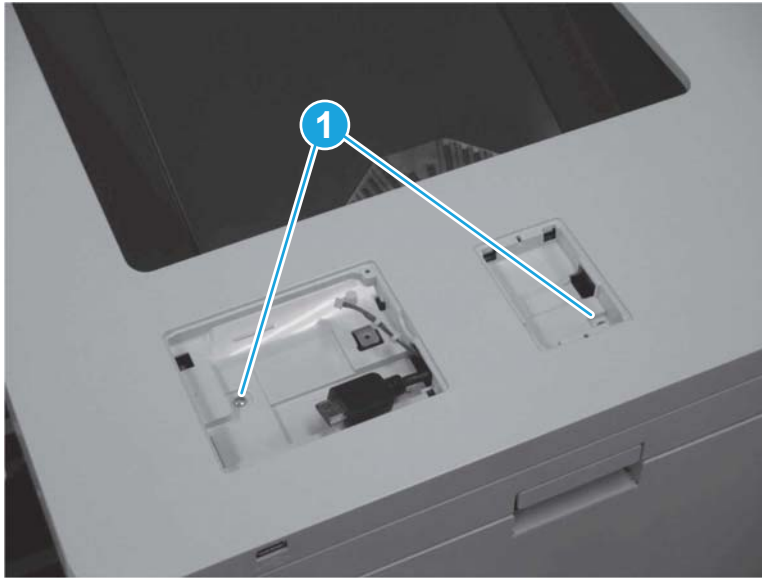
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-2068 Remove the HIP cover and USB cap



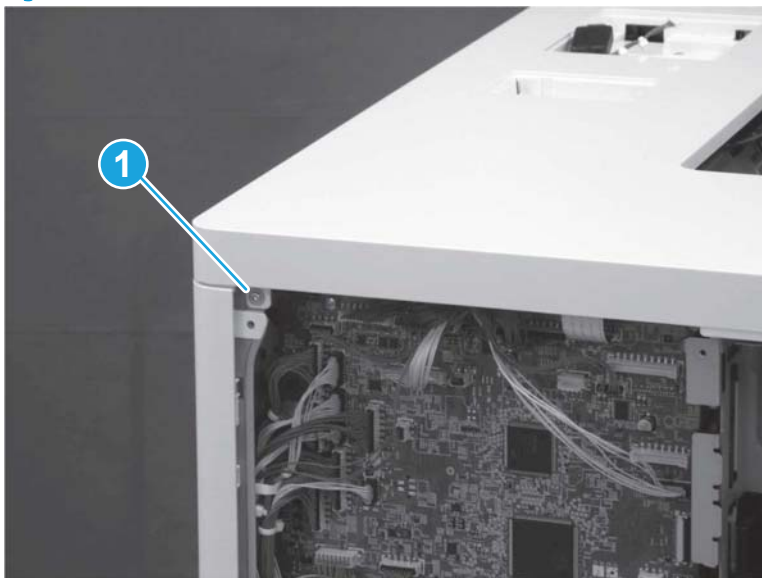
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2069 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2070 Remove one screw

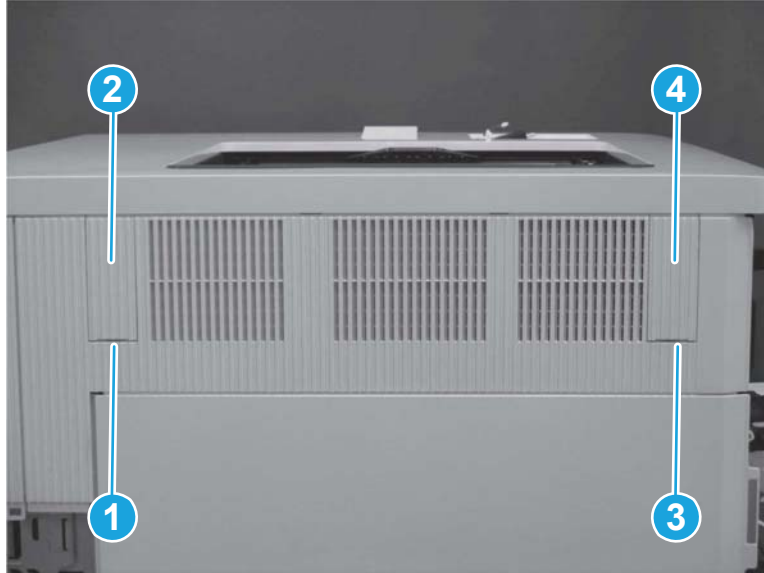


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

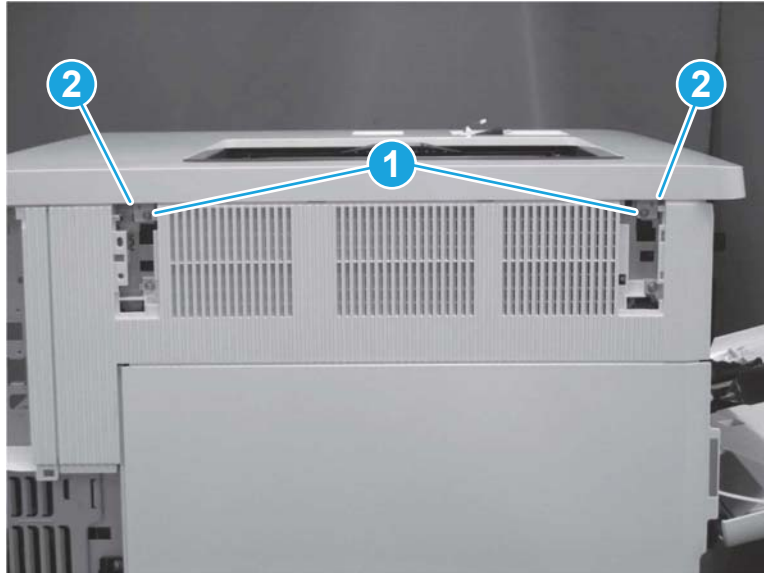
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2071** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

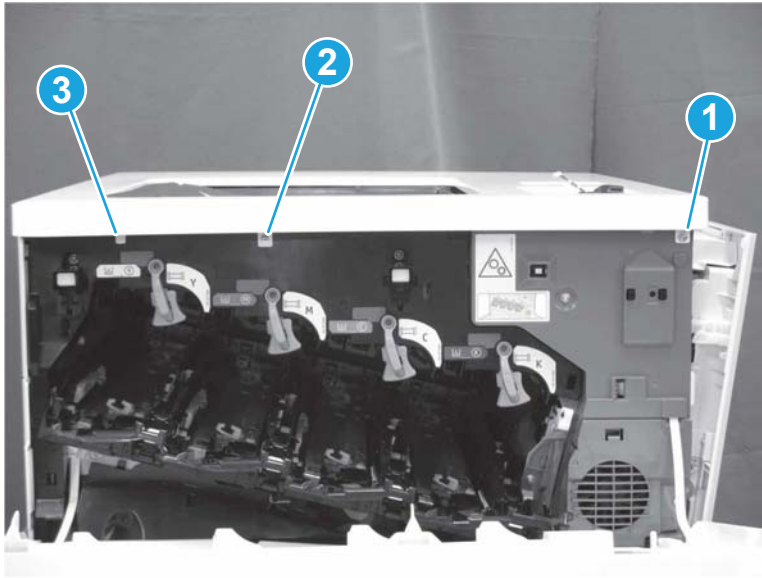
**Figure 1-2072** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

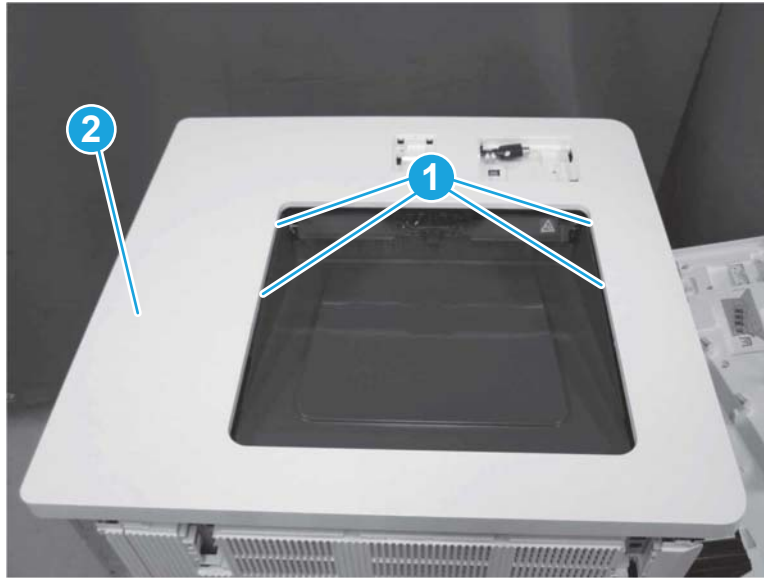
**Figure 1-2073** Remove two screws and release one tab




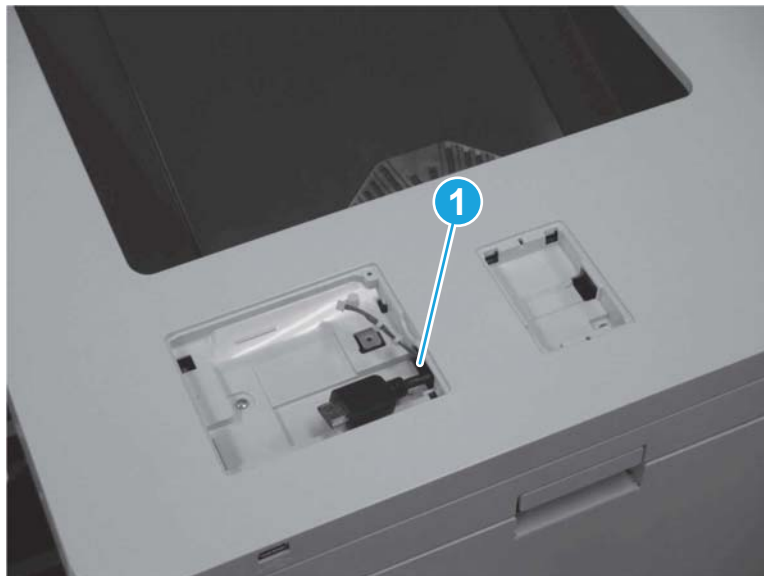


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2074 Remove the top cover



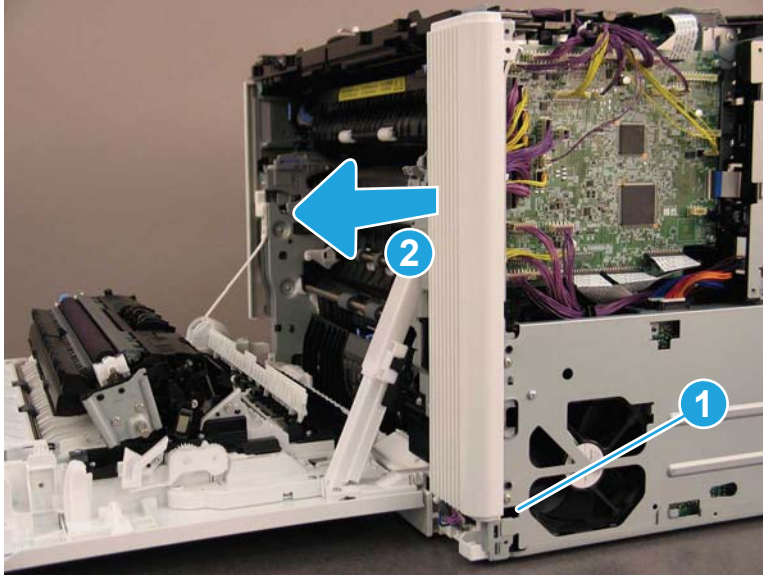
 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the right rear cover (M751/E75245).

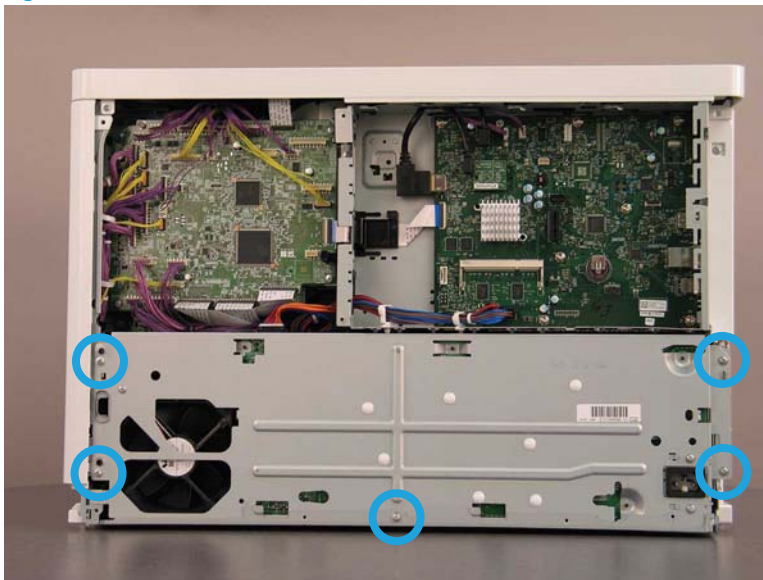
- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

Figure 1-2075 Remove the right rear cover



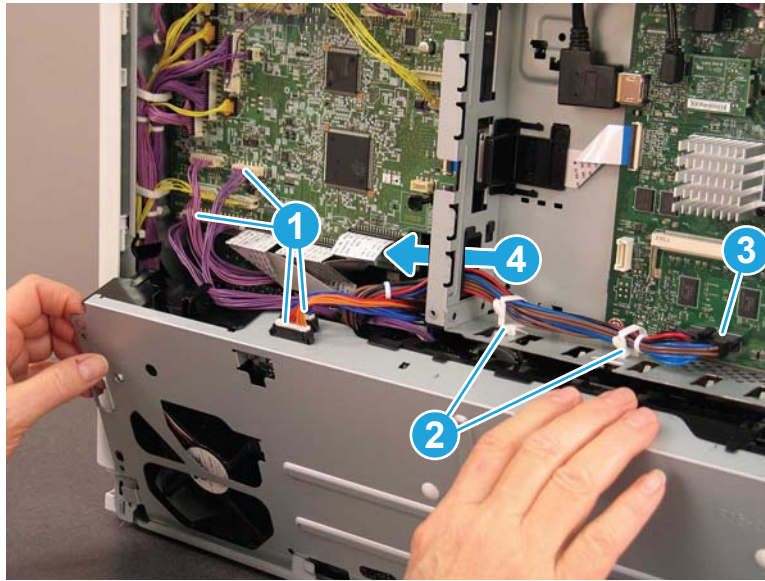
9. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-2076 Remove five screws



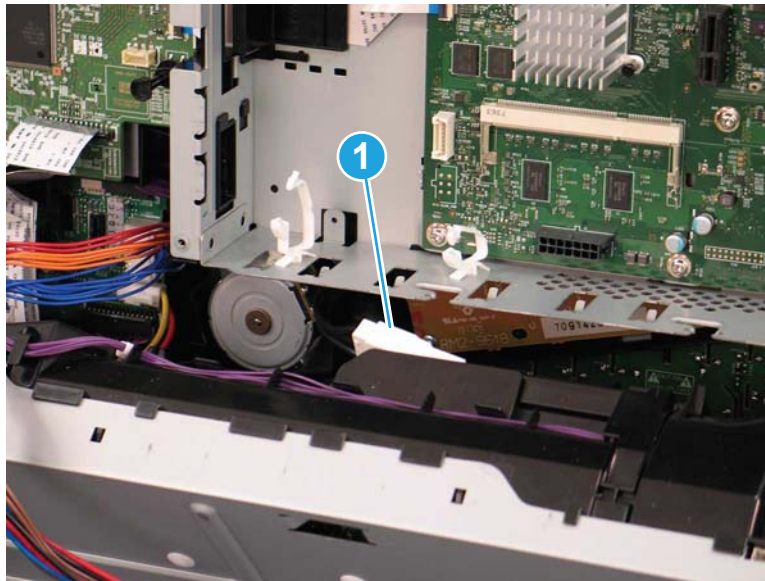
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-2077 Disconnect five connectors



- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

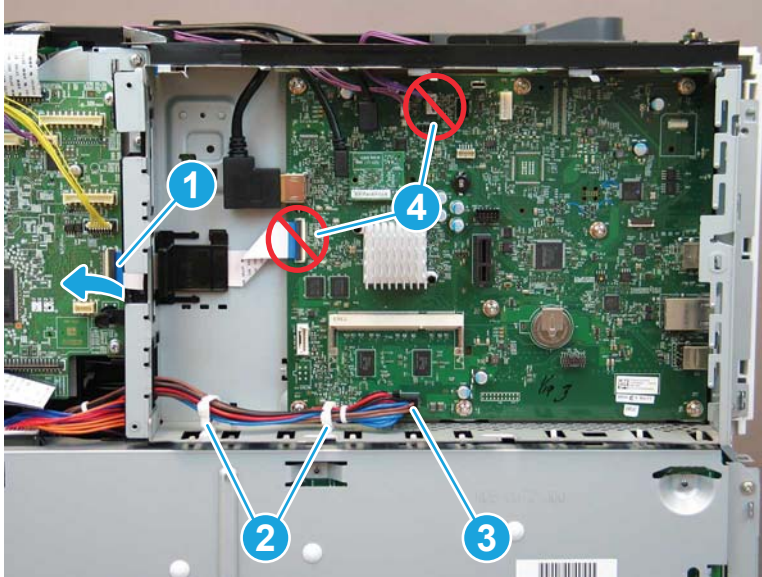
Figure 1-2078 Remove the LVPS



10. Remove the formatter and case.

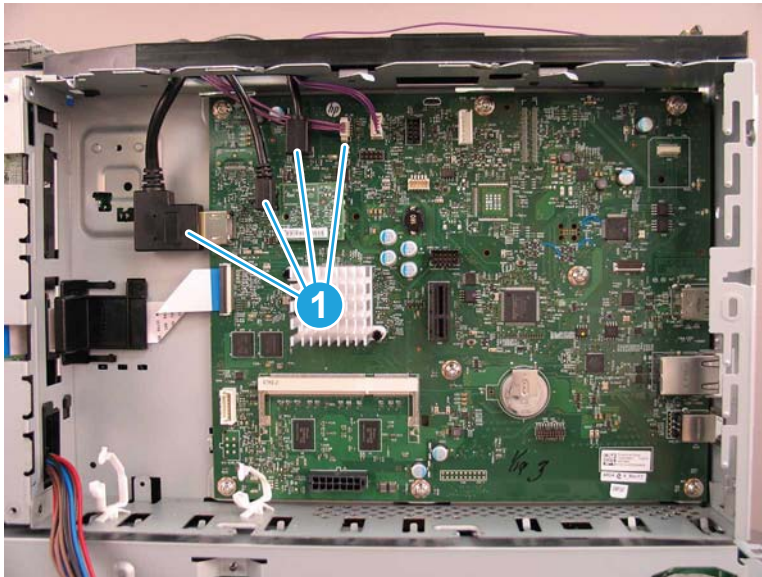
- a. Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-2079 Disconnect the connectors



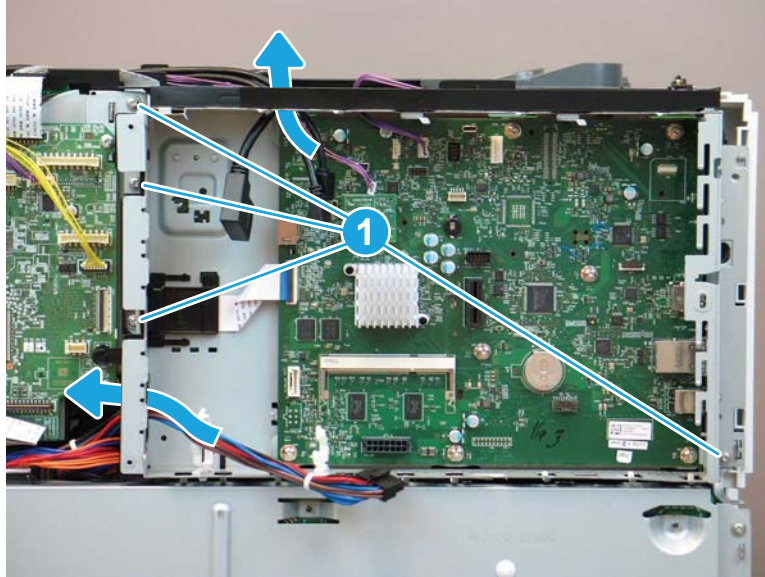
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-2080 Disconnect the connectors



- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

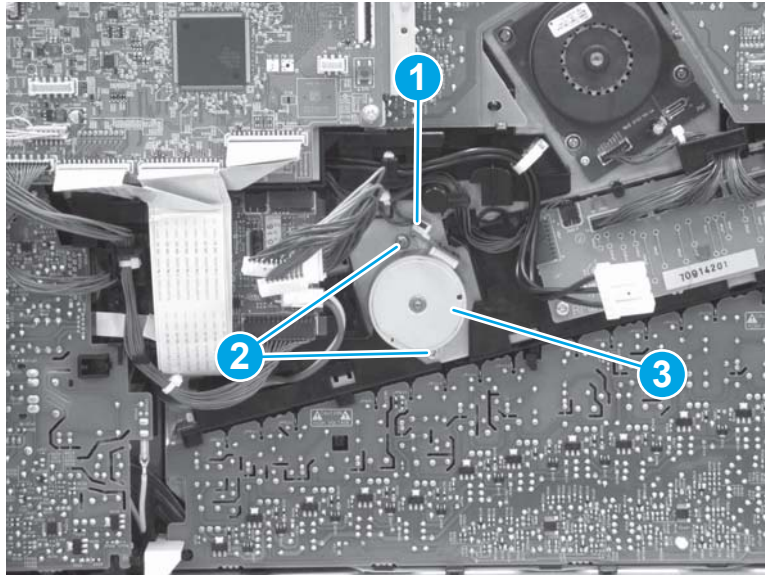
Figure 1-2081 Remove the formatter and case



- 11. Remove the developer alienation motor.

- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the developer alienation motor (callout 3).


Figure 1-2082 Remove the developer alienation motor



- 12. Unpack the replacement assembly.

- a. Dispose of the defective part.



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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Developer alienation motor (M856/E85055/M776)

Learn how to remove and replace developer alienation motor.

 [View a video of how to remove and replace the developer alienation motor.](#)


Mean time to repair: 15 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-108** Part information

Part number	Part description
RK2-6027-000CN	Motor, stepping

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

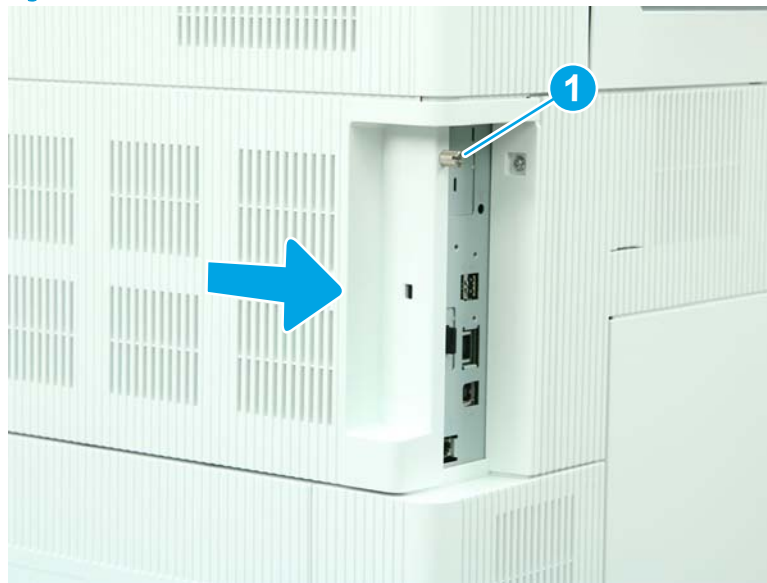
- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

No post service test is available for this assembly.

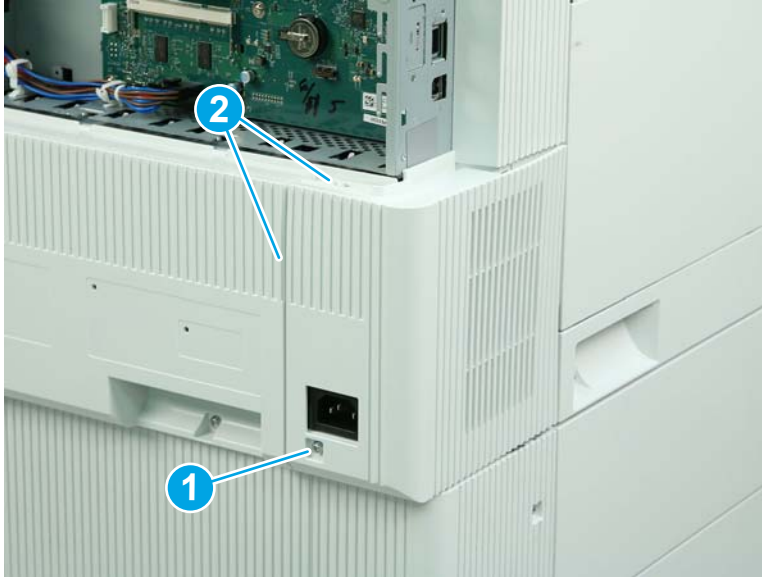
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-2083** Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2084 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

Figure 1-2085 Remove the left lower cover



- 3. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

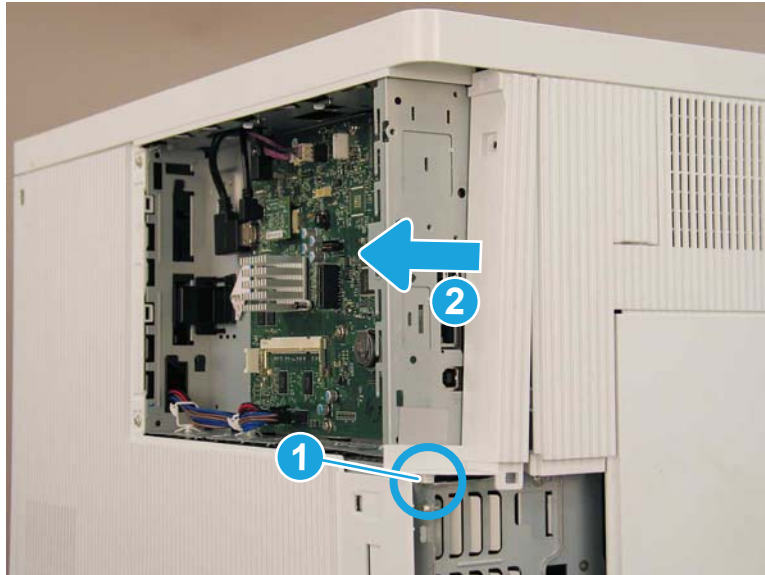


Figure 1-2086 Remove one screw



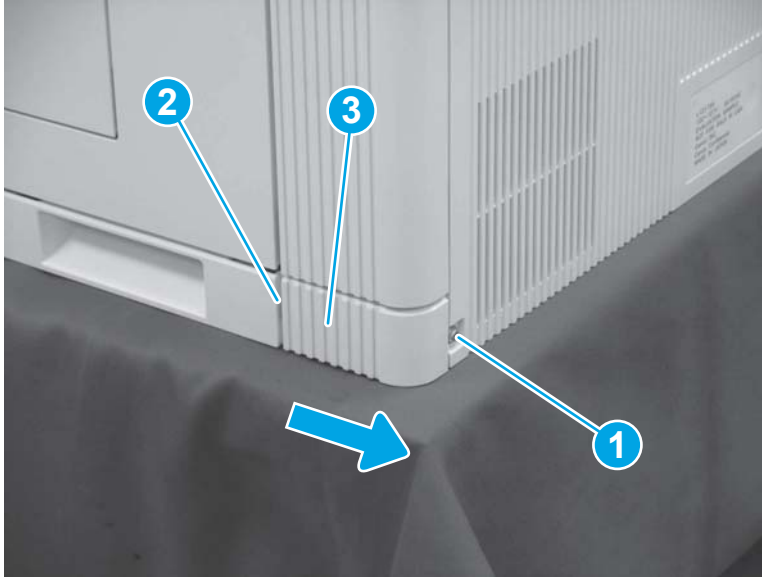
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2087 Remove the left rear cover



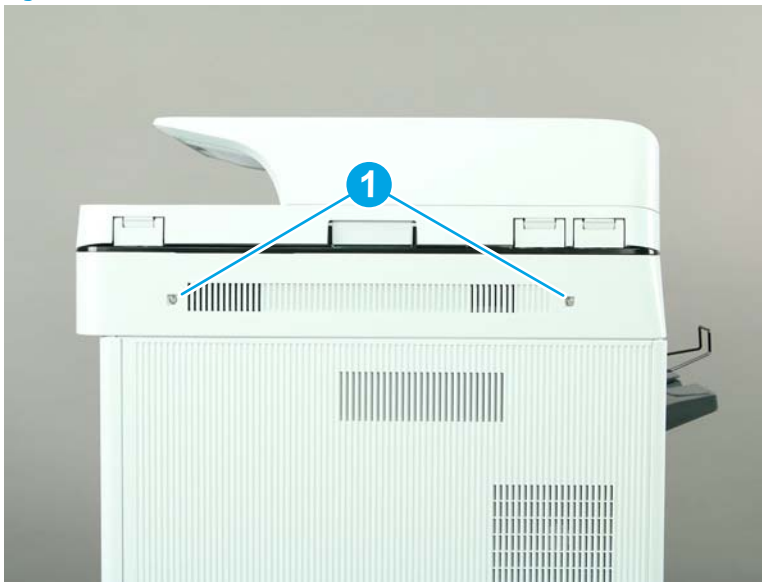
4. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2088 Remove the right rear lower cover



5. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2089 Remove two screws



- b. Remove the SCB cover.

**Figure 1-2090** Remove the SCB cover

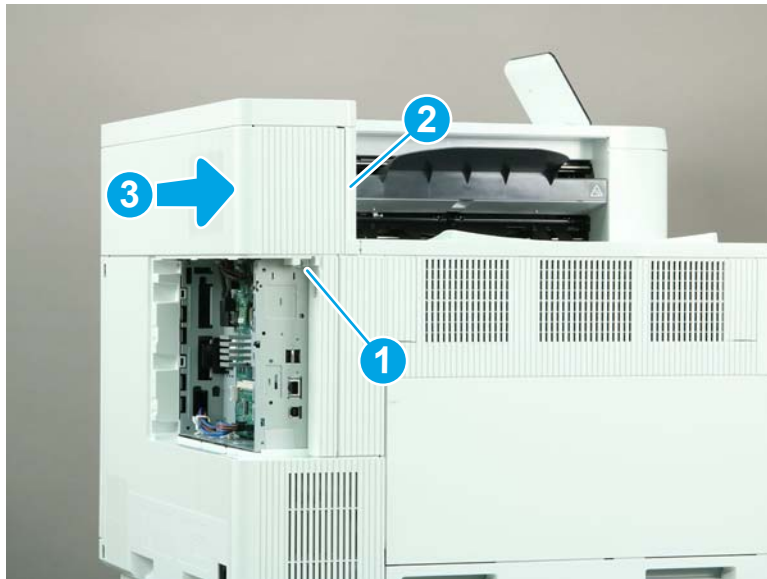


6. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

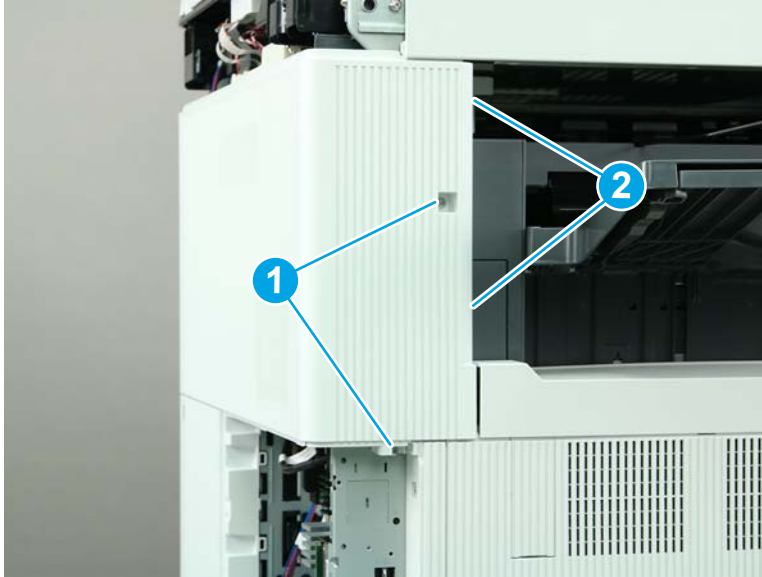
**Figure 1-2091** Remove the rear upper cover



7. Remove the rear upper cover and left rear upper cover (M776zs).

- a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2092 Remove two screws and release two tabs



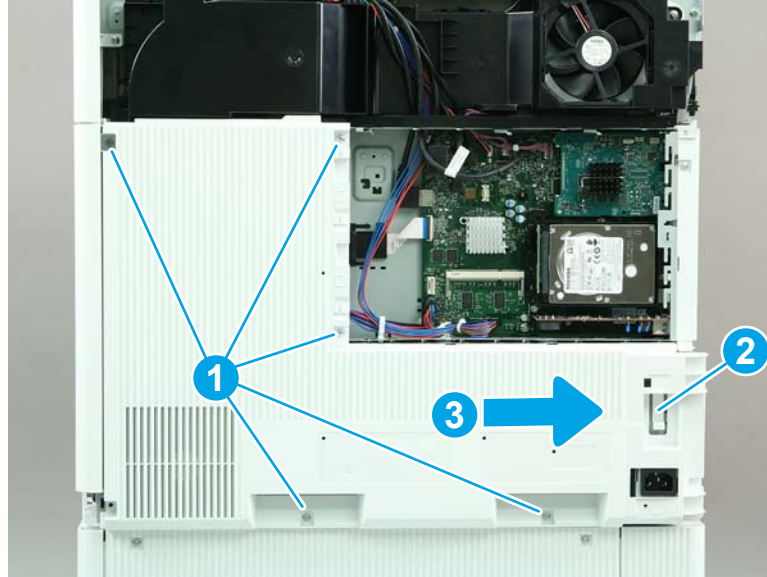
- b. Slide the cover to the right to remove it.

Figure 1-2093 Remove the rear upper and left rear upper cover



- 8. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2094 Remove the rear cover (M856/E85055/M776)



9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2095 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2096 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2097 Slide the control panel back



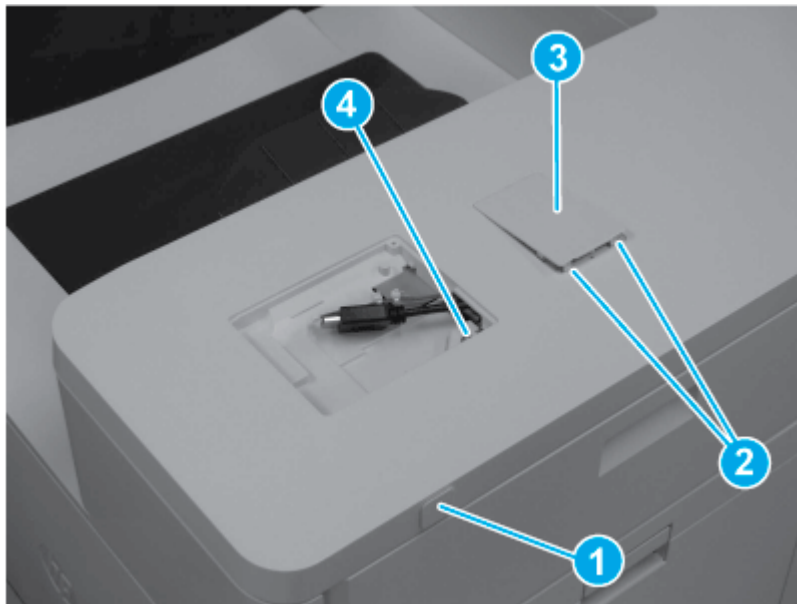
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-2098 Disconnect two connectors



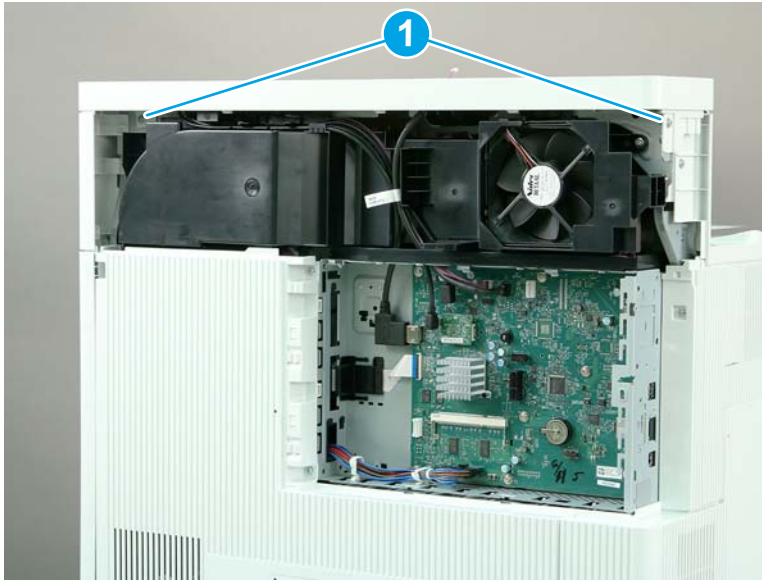
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2099 Remove covers and one screw



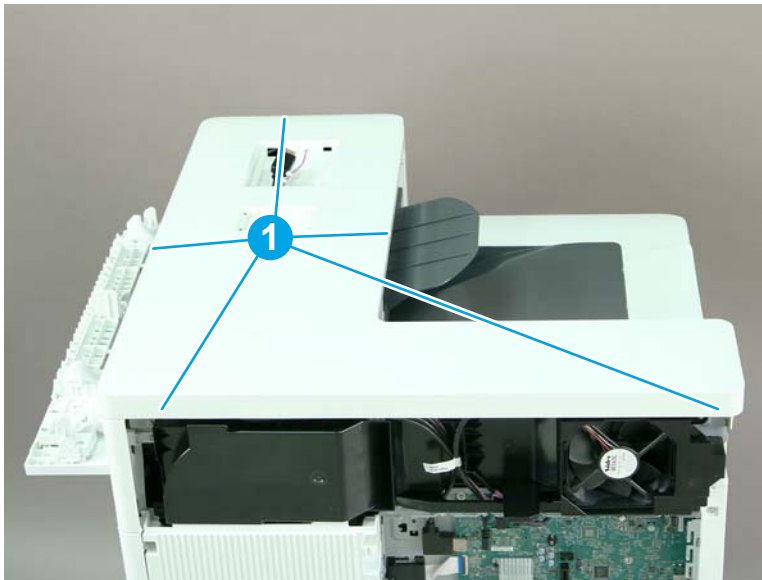
- f. Remove two screws (callout 1).

Figure 1-2100 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-2101 Release five tabs

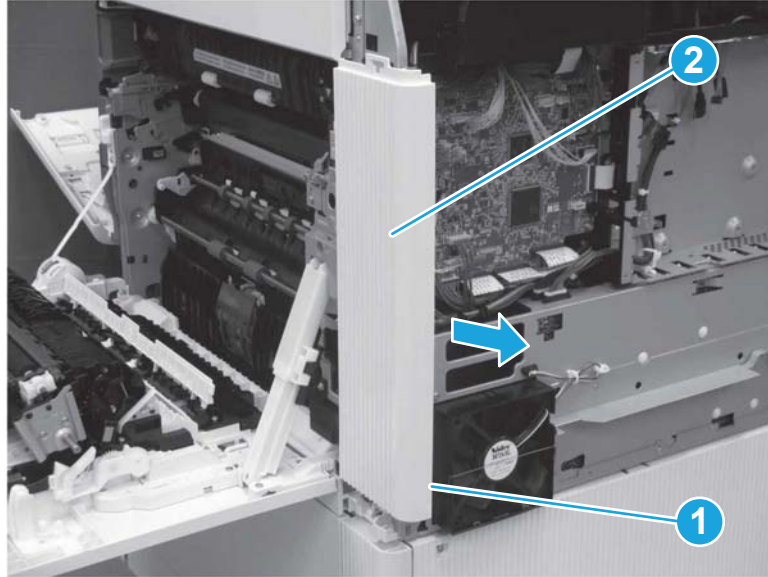


- 10. Remove the right rear cover (M856/E85055/M776).

- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

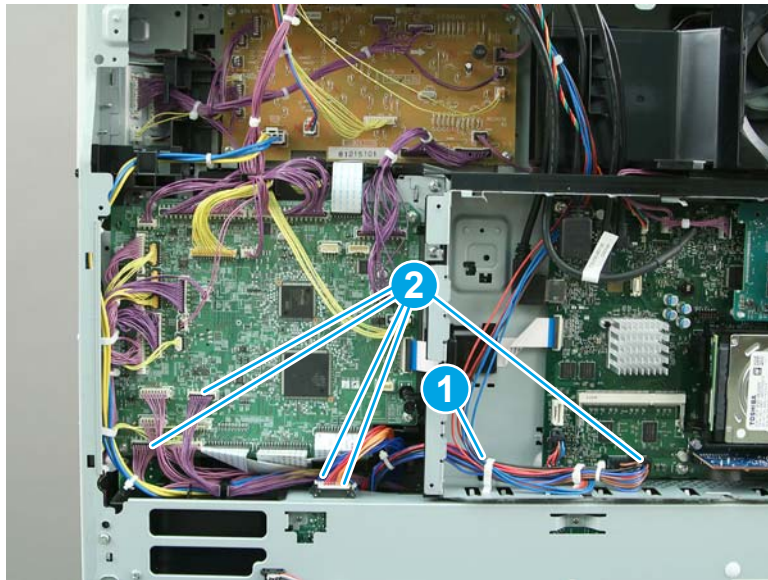


Figure 1-2102 Remove right rear cover



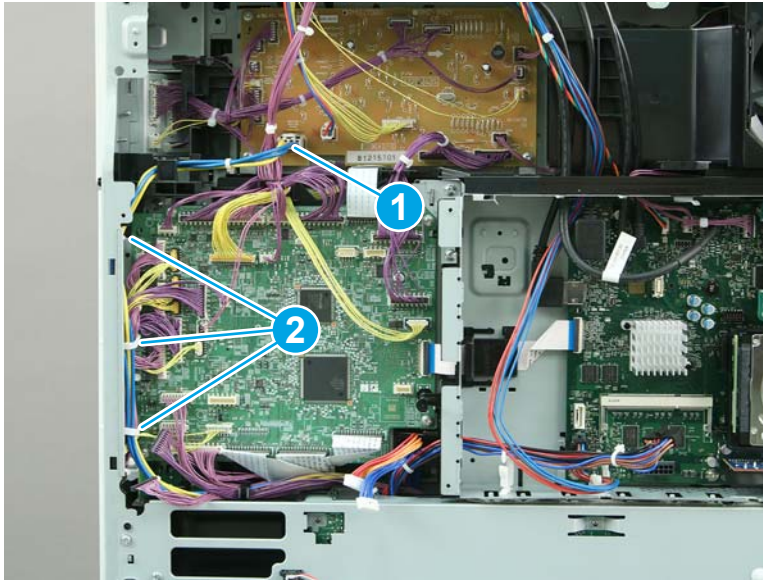
11. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-2103 Release the retainer and disconnect five connectors



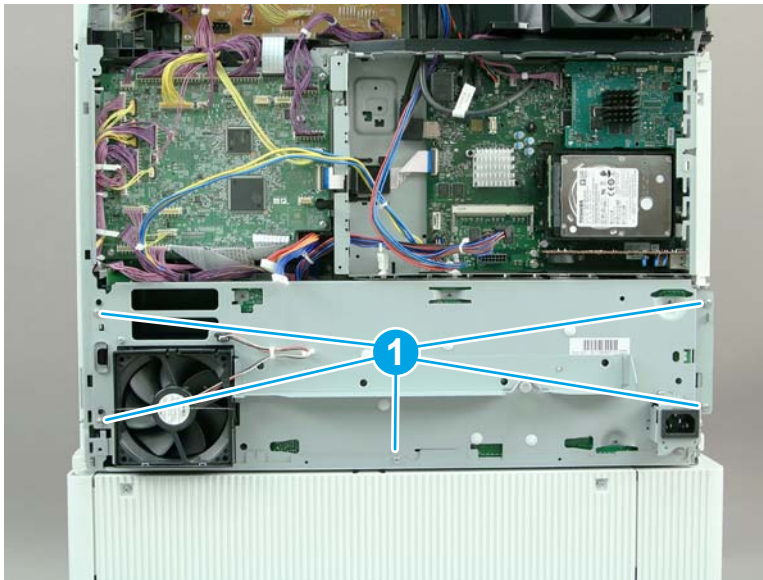
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-2104 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-2105 Remove five screws

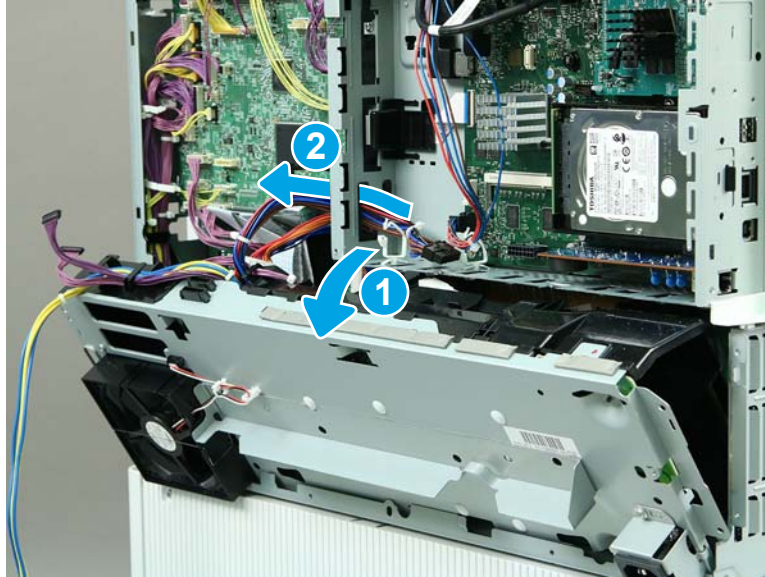


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

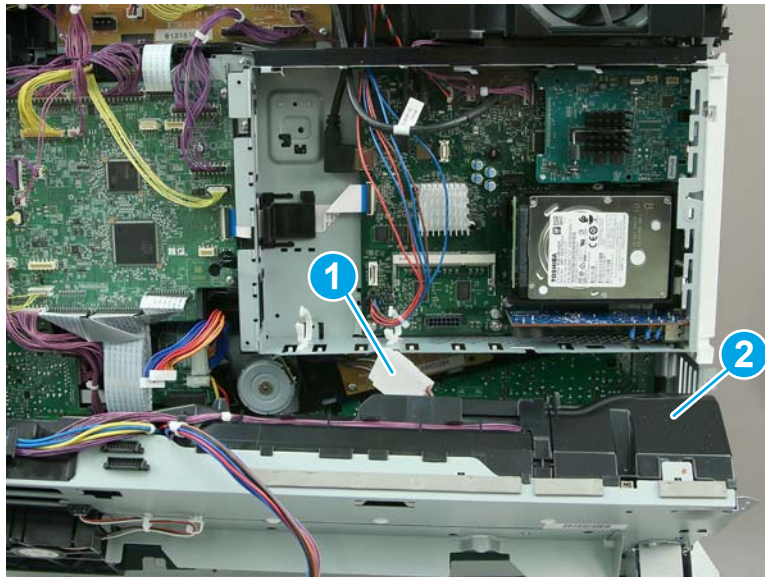
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-2106 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).


Figure 1-2107 Remove the LVPS



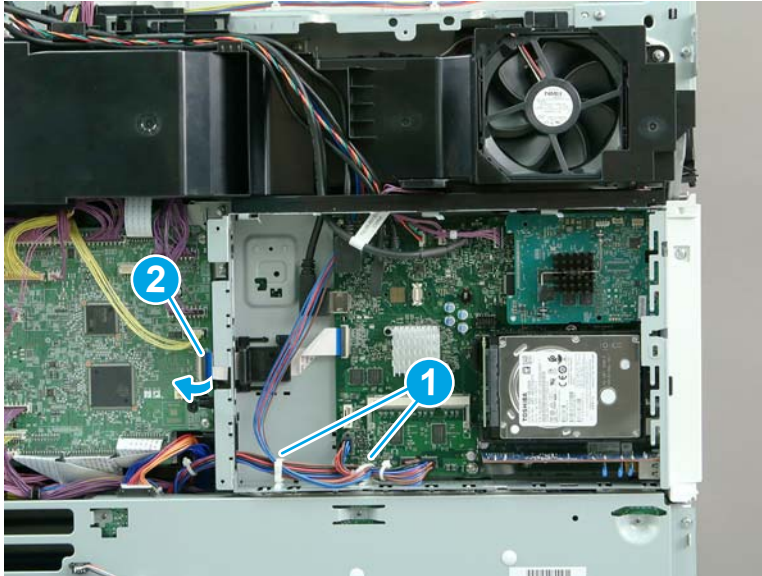
12. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.

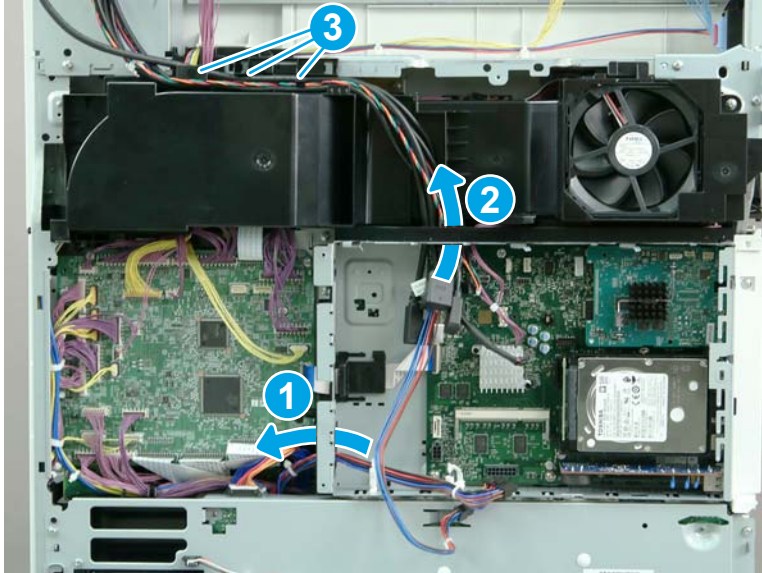
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

**Figure 1-2108** Disconnect the connectors



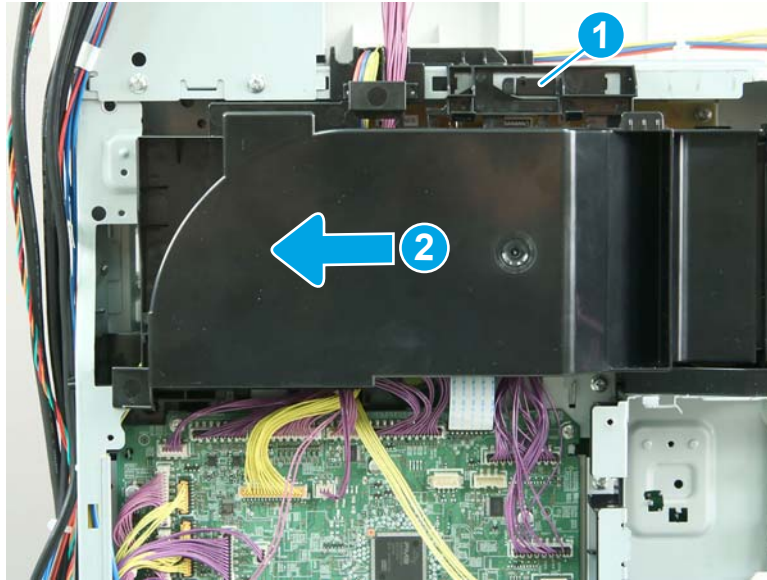
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

**Figure 1-2109** Release the cables



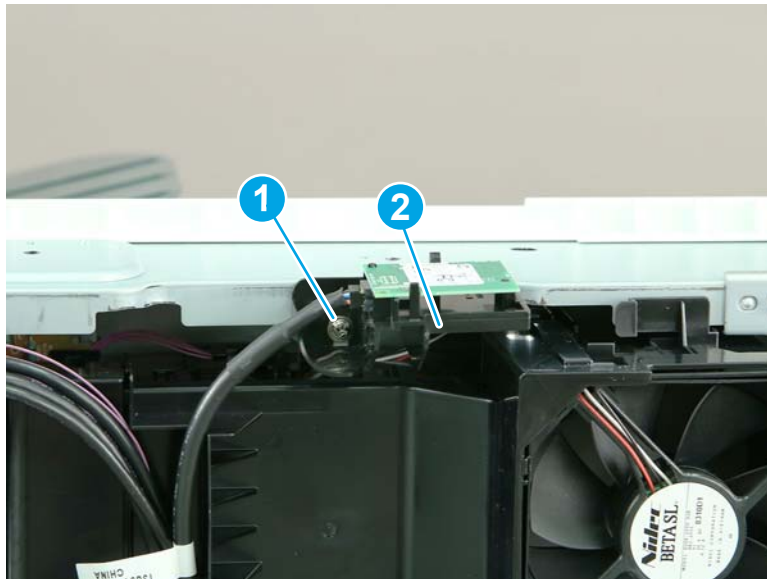
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-2110 Remove the fan duct



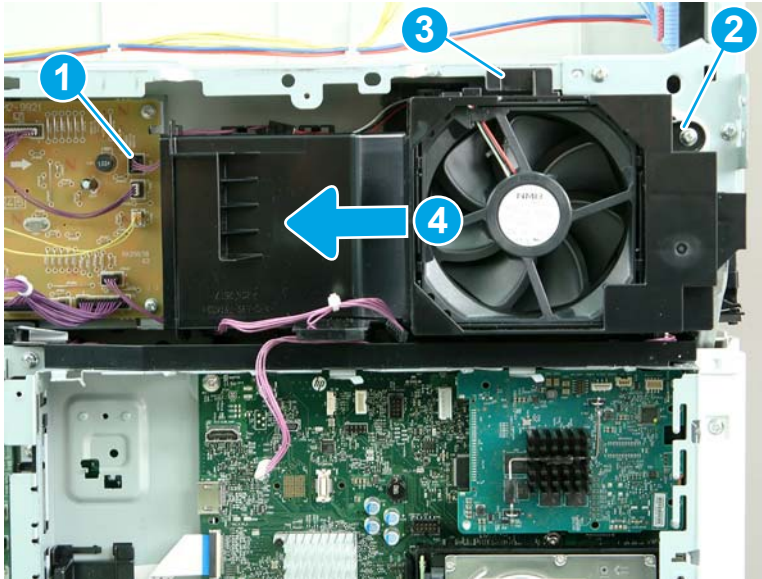
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-2111 Remove the wireless card and bracket



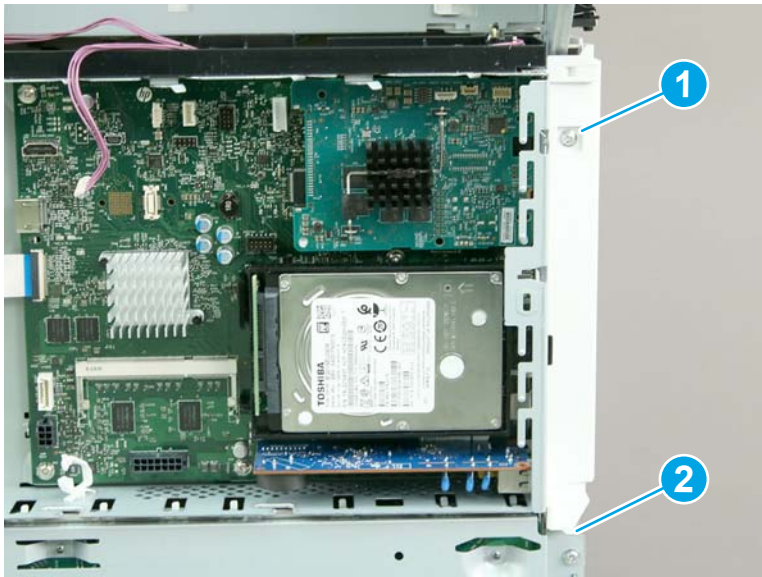
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-2112 Remove the fan assembly



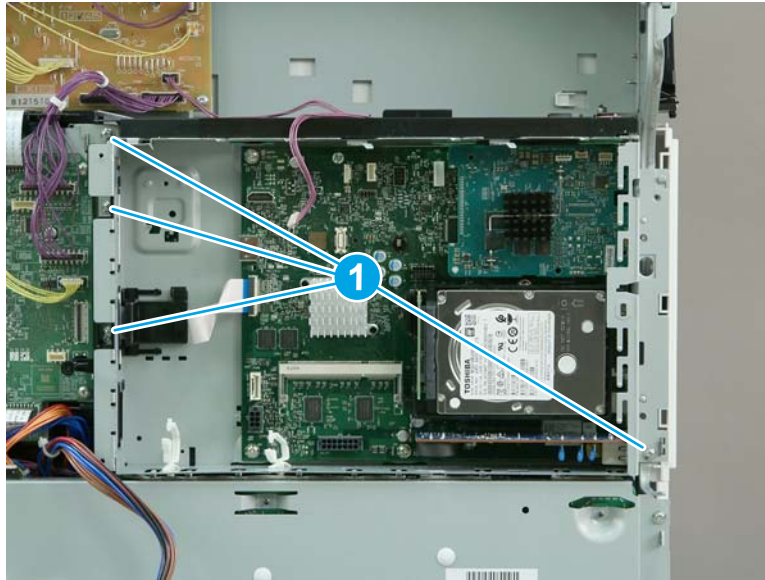
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-2113 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-2114 Remove four screws



- h. Remove the formatter and case.

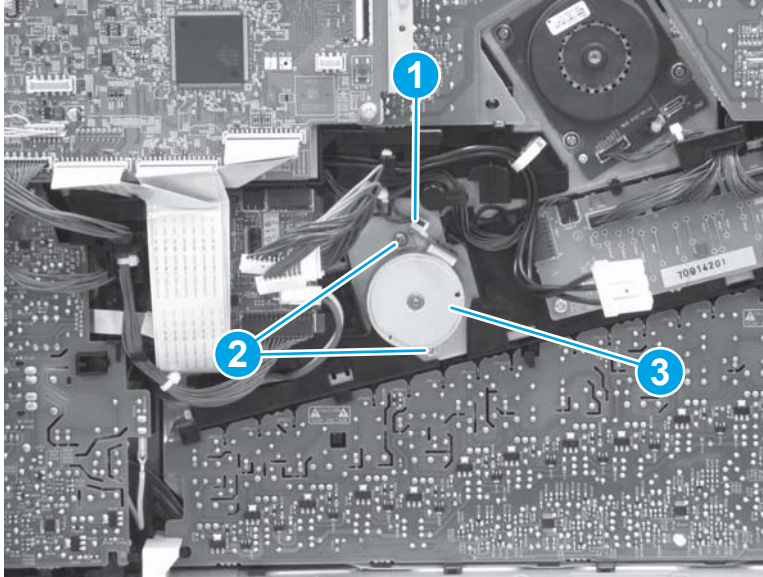
Figure 1-2115 Remove the formatter and case



13. Remove the developer alienation motor.

- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the developer alienation motor (callout 3).

Figure 1-2116 Remove the developer alienation motor



14. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Low-voltage power supply fan (M751/E75245)

Learn how to remove and replace the low-voltage power supply (LVPS) fan.



[View a video of how to remove and replace the LVPS fan.](#)

Mean time to repair: 17 minutes

Service level: Medium



## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-109** Part information

Part number	Part description
RK2-9148-000CN	Fan

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

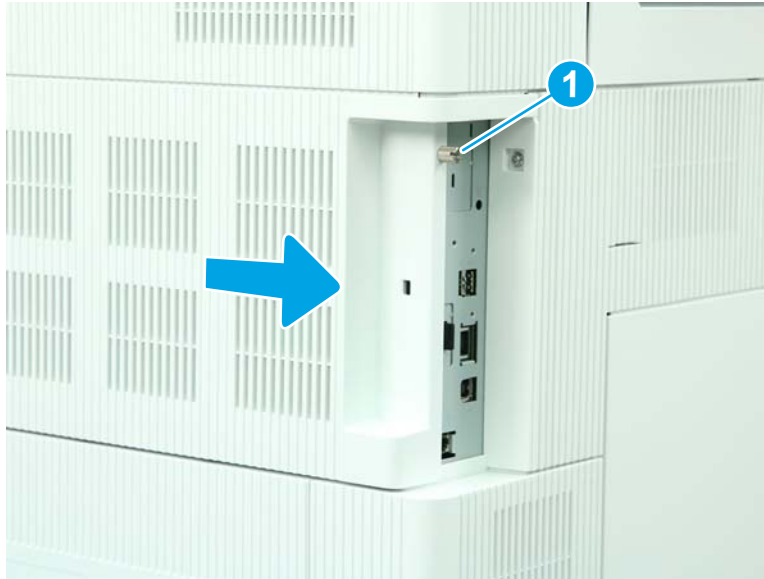
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

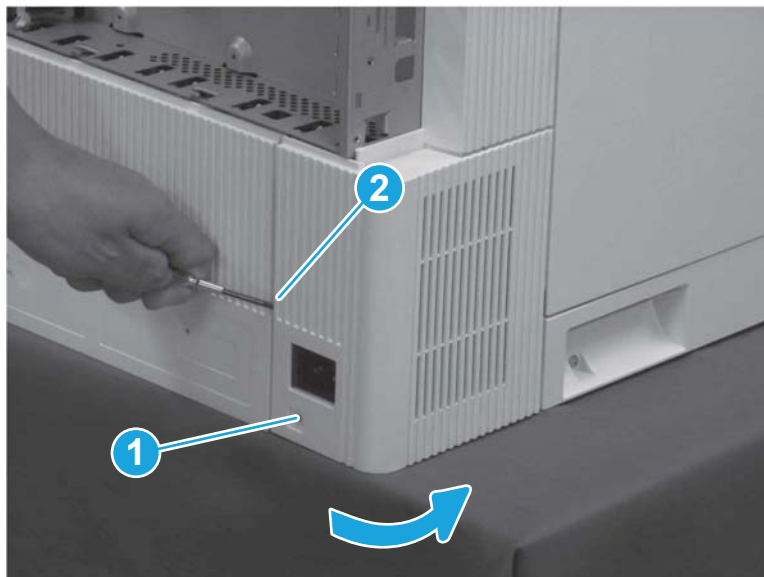
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2117 Remove the formatter cover



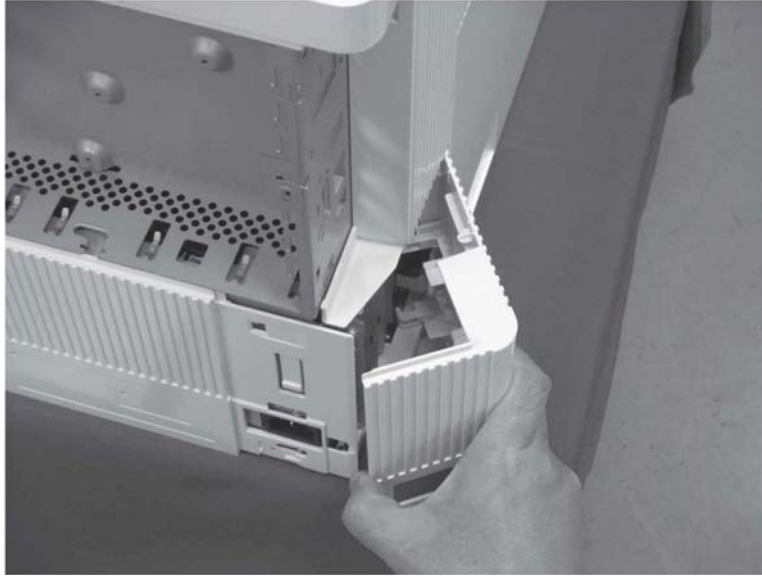
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2118 Remove one screw and release one tab



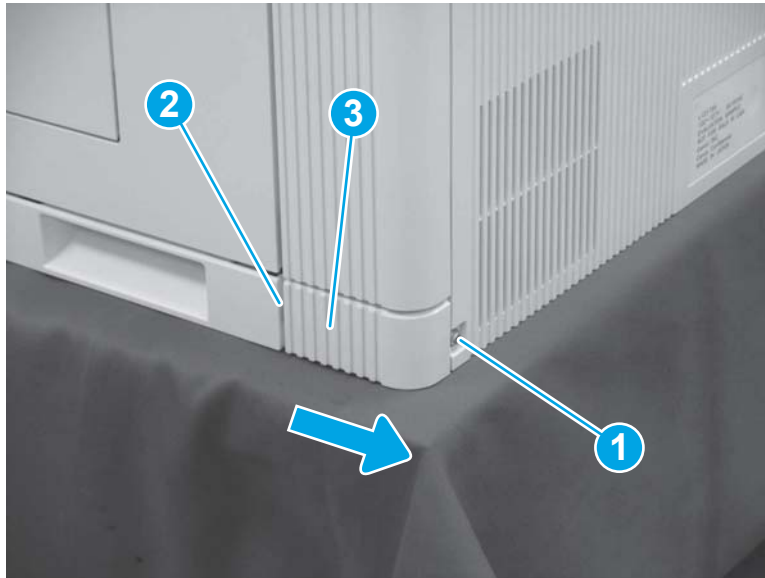
- b. Remove the left lower cover.

Figure 1-2119 Remove the left lower cover



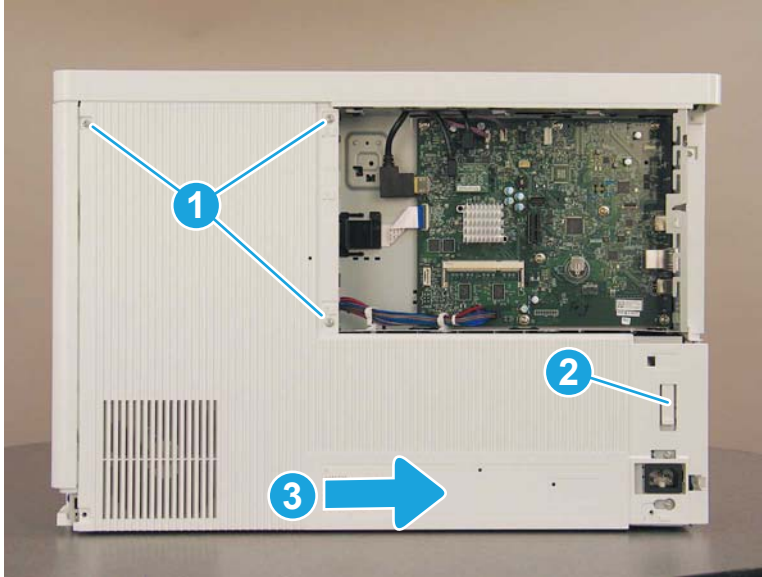
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2120 Remove the right rear lower cover



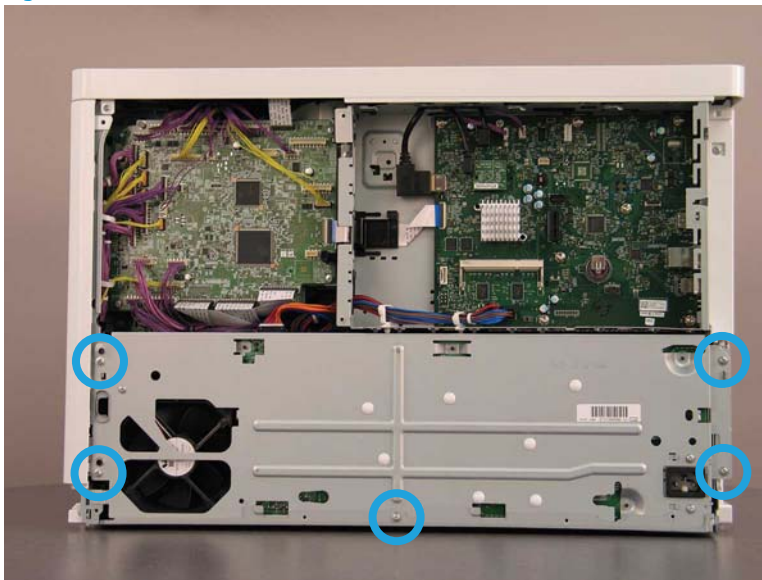
4. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2121 Remove the rear cover



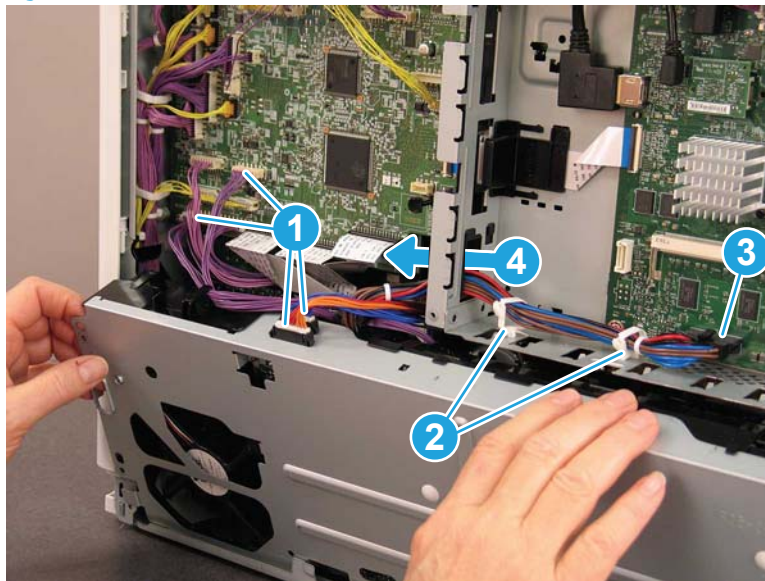
- 5. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-2122 Remove five screws



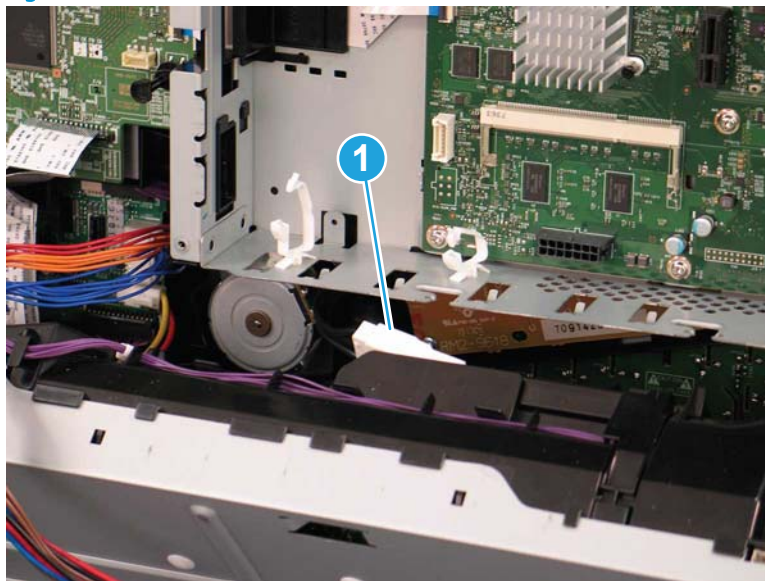
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-2123 Disconnect five connectors



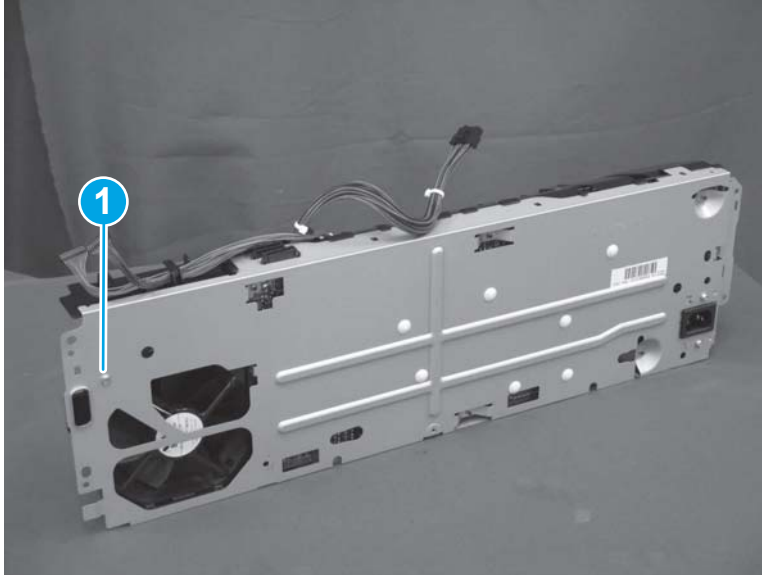
- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

Figure 1-2124 Remove the LVPS



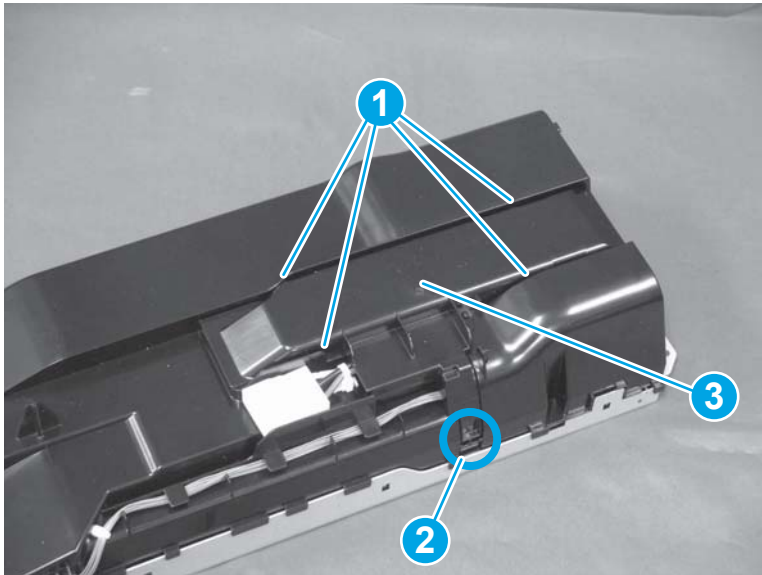
- 6. Remove the low-voltage power supply (LVPS) fan.
  - a. Remove one screw (callout 1).

Figure 1-2125 Remove one screw



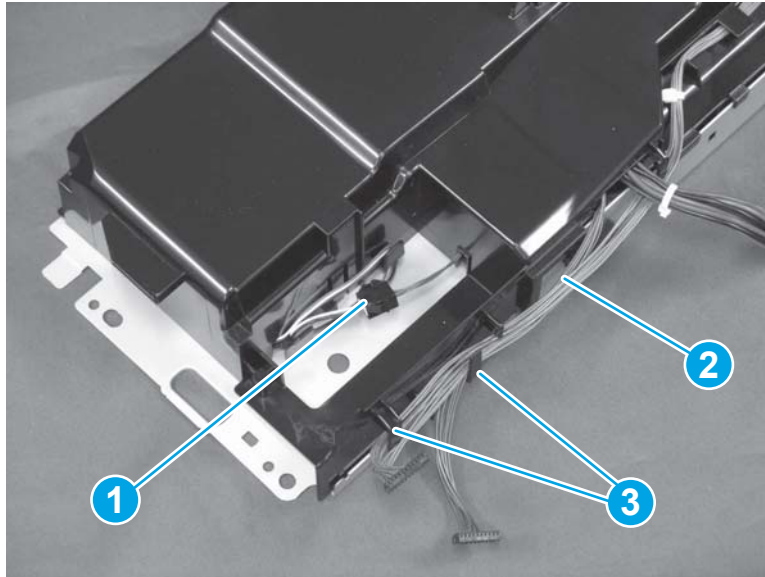
- b. Release four tabs (callout 1), release one boss (callout 2), and then remove the cable cover (callout 3).

Figure 1-2126 Remove the cable cover



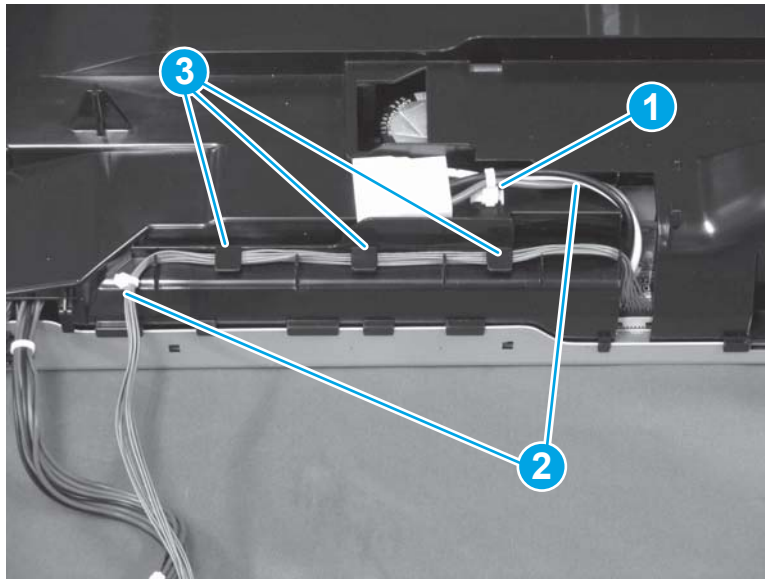
- c. Disconnect one connector (callout 1), and then release the cables (callout 2) from the guides (callout 3).

Figure 1-2127 Disconnect one connector and release the cables



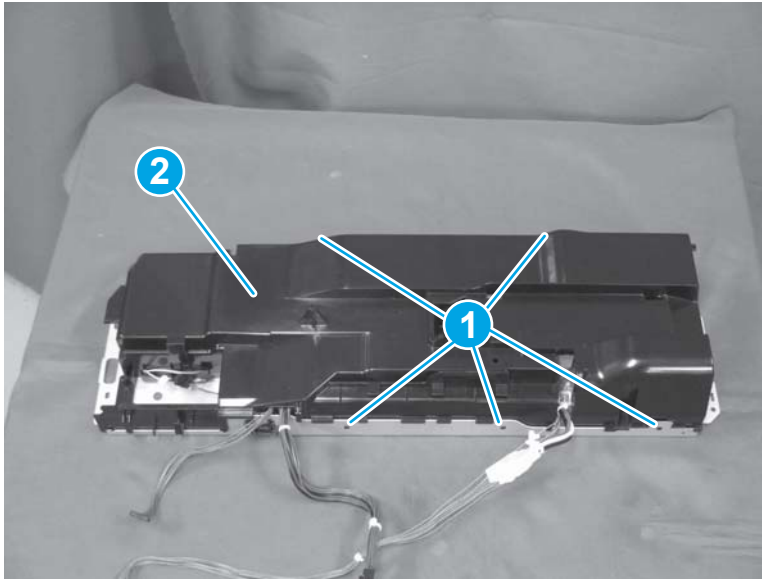
- d. Pinch the clasp to release one retainer (callout 1), and then remove the cables (callout 2) from the guides (callout 3).

Figure 1-2128 Release the cables from the guides



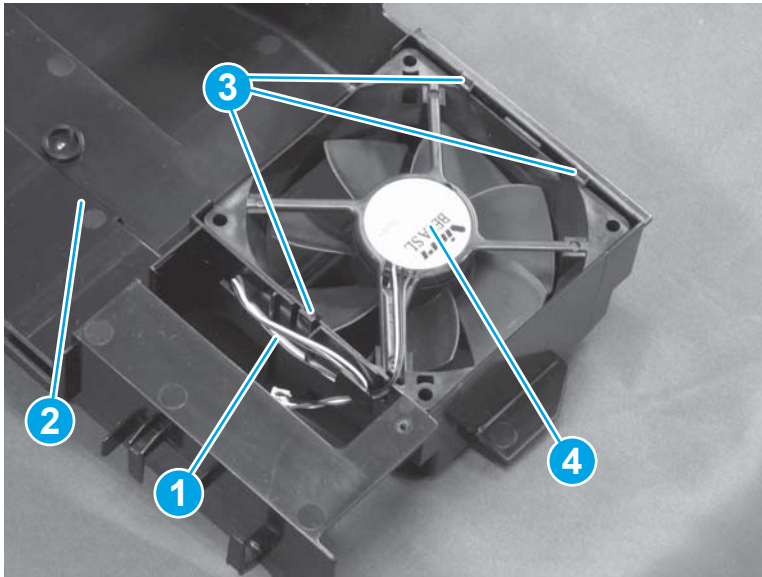
- e. Release five tabs (callout 1), and then remove the power supply cover (callout 2).

Figure 1-2129 Remove the power supply cover



- f. Release the cable (callout 1) from the power supply cover (callout 2). Release three tabs (callout 3), and then remove the LVPS fan (callout 4).

Figure 1-2130 Remove the LVPS fan




- 7. Unpack the replacement assembly.
  - a. Dispose of the defective part.




 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

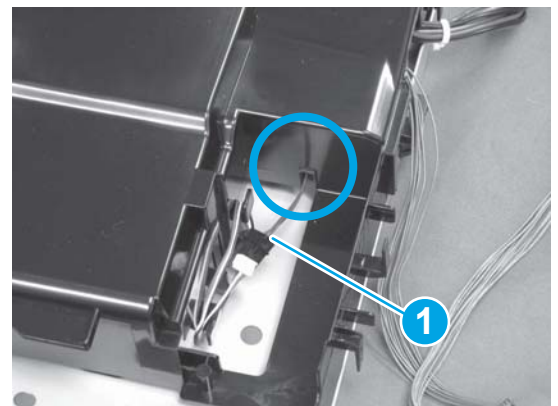
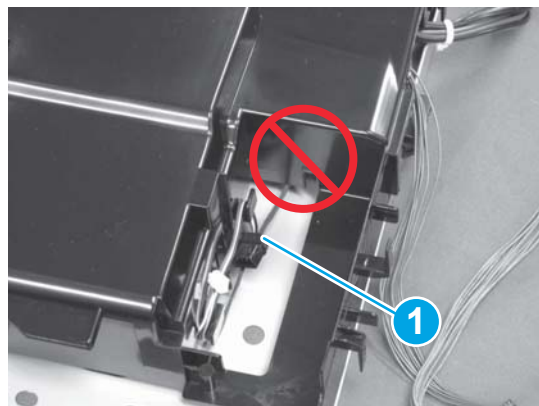
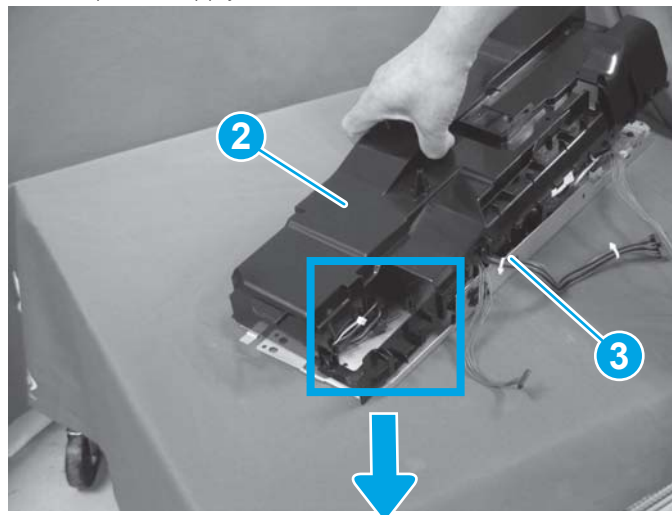
 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

8. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the low-voltage power supply fan.

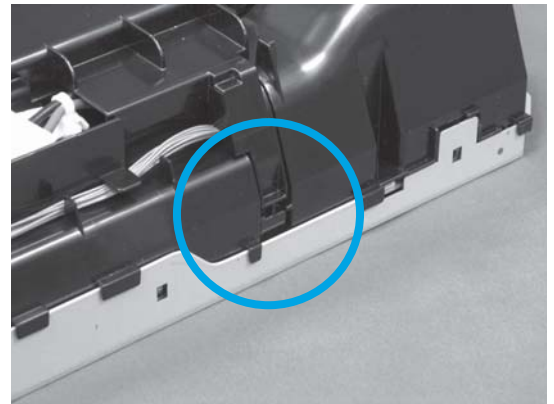
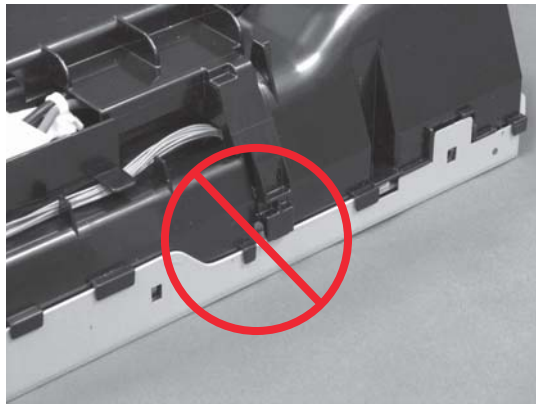
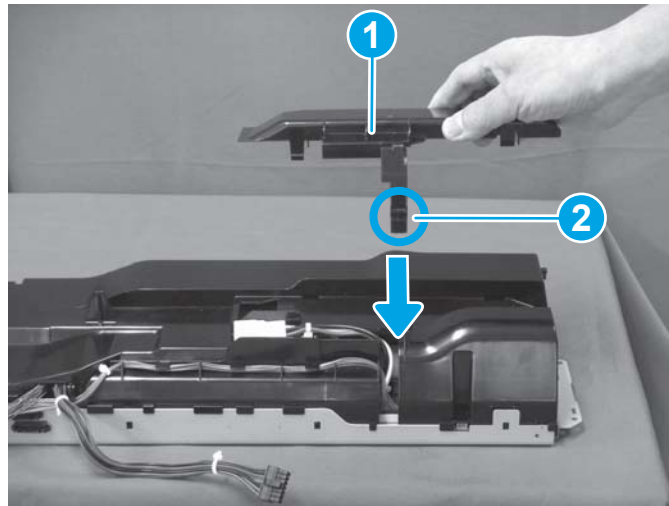
1. Make sure that the cables (callout 1) are not pinched when installing the power supply cover (callout 2) on the low-voltage power supply (callout 3).

**Figure 1-2131** Install the power supply cover



2. When installing the cable cover (callout 1), make sure that the tab (callout 2) is installed correctly.

Figure 1-2132 Install the cable cover



### Removal and replacement: Low-voltage power supply fan (M856/E85055/M776)

Learn how to remove and replace the low-voltage power supply fan.

 [View a video of how to remove and replace the low-voltage power supply fan.](#)


Mean time to repair: 6 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-110 Part information

Part number	Part description
RK2-9148-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

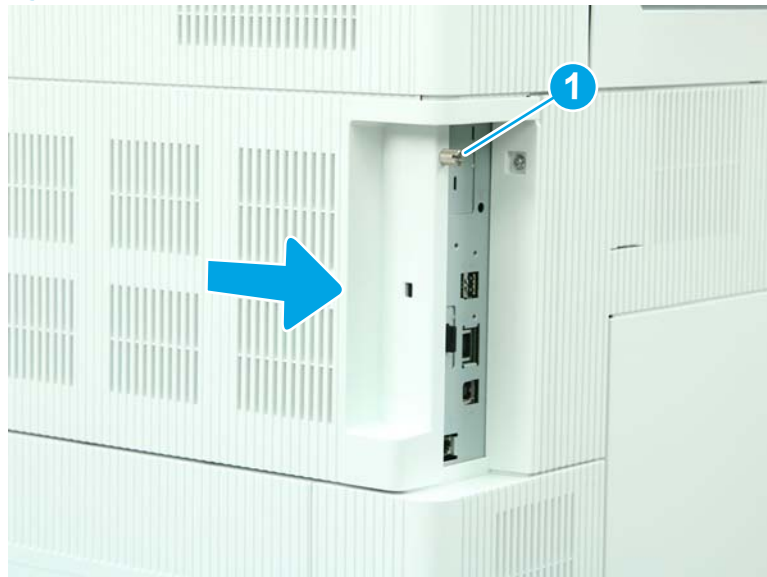
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

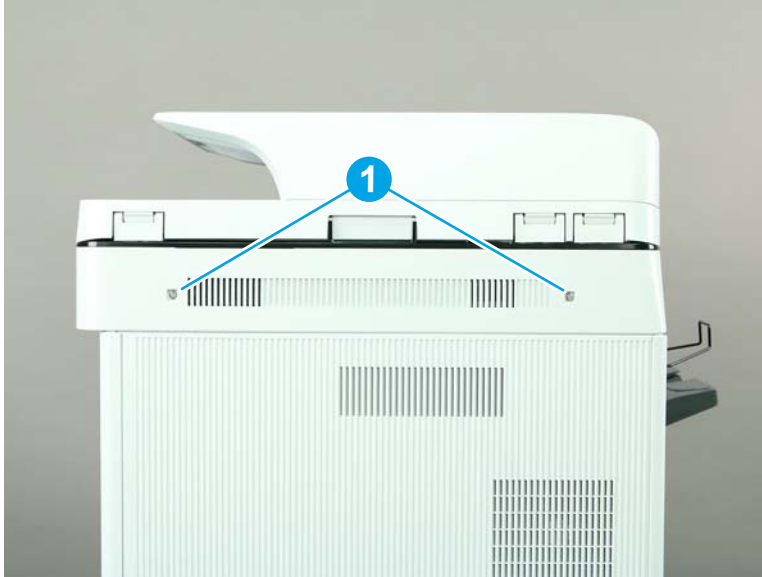
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2133 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2134 Remove two screws



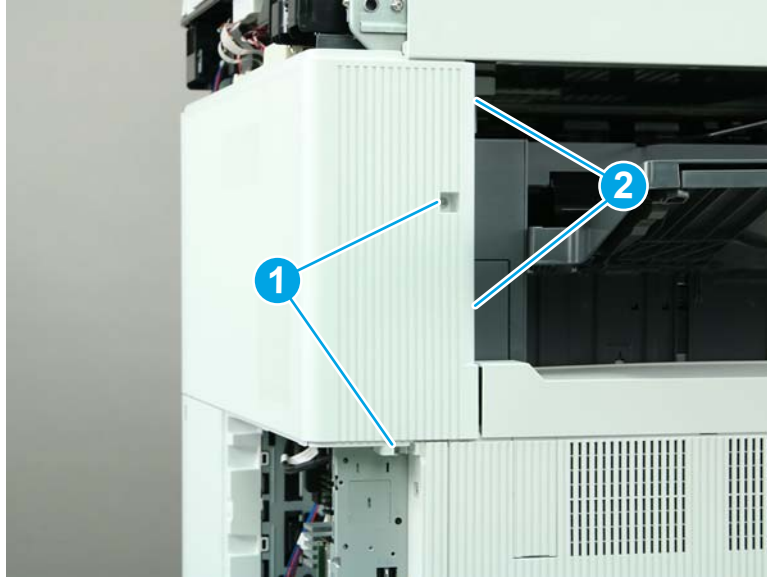
- b. Remove the SCB cover.

Figure 1-2135 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2136 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-2137 Remove the rear upper and left rear upper cover

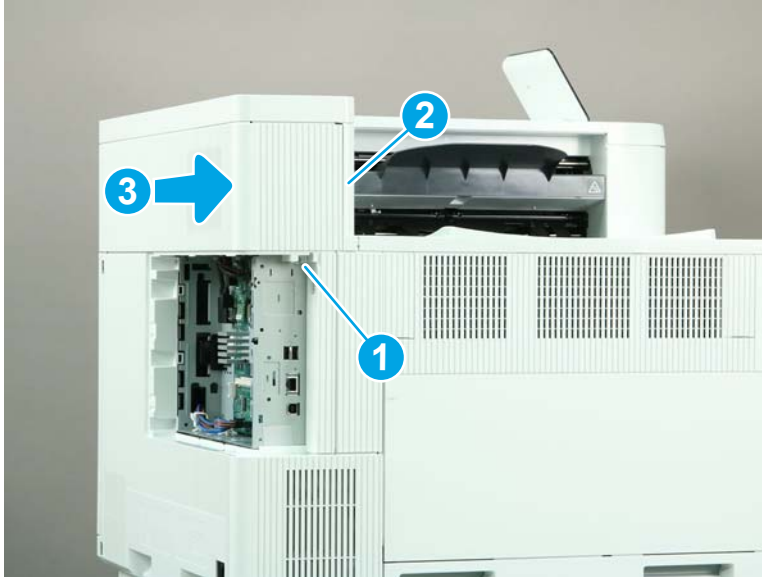


- 4. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

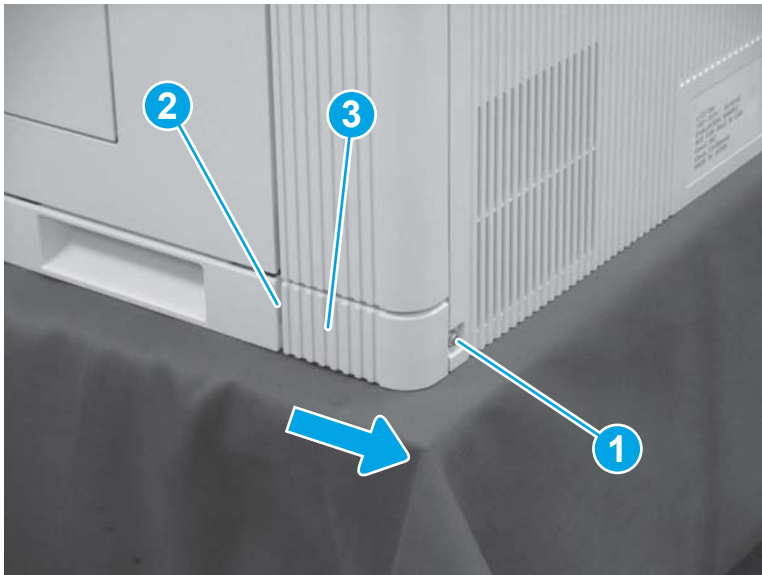
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2138 Remove the rear upper cover



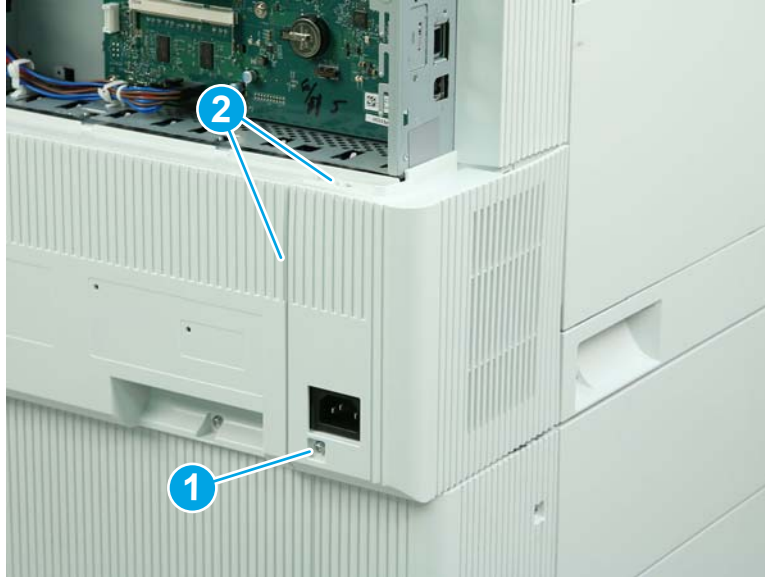
5. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2139 Remove the right rear lower cover



6. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2140 Remove one screw and release two tabs



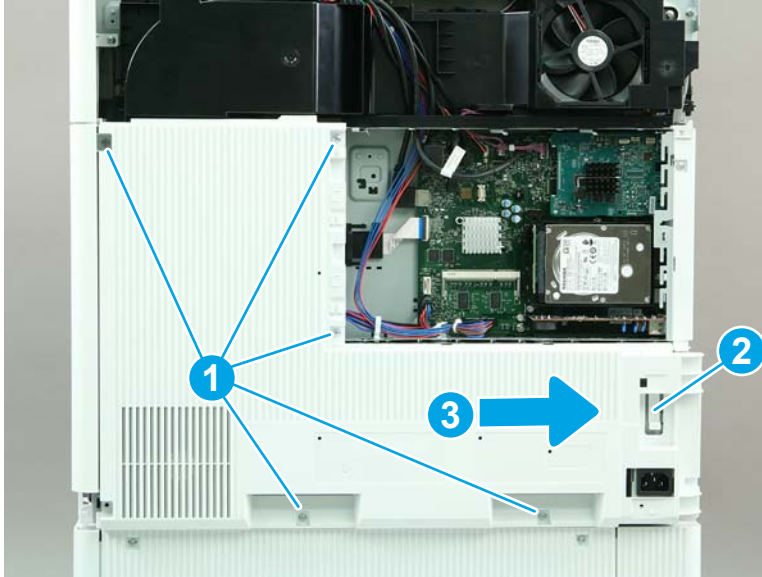
- b. Rotate the cover away from the printer to remove it.

Figure 1-2141 Remove the left lower cover



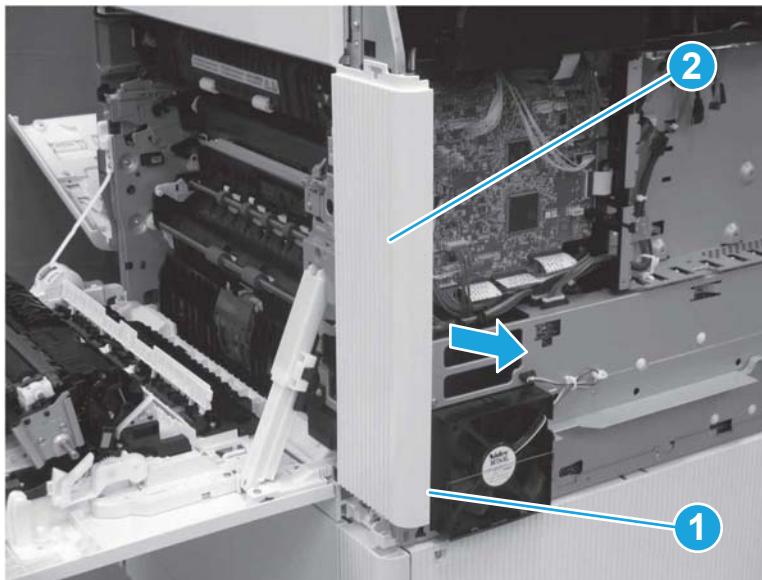
- 7. Remove the rear cover (M856/E85055/M776).
  - ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2142 Remove the rear cover (M856/E85055/M776)



8. Remove the right rear cover (M856/E85055/M776).
  - ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

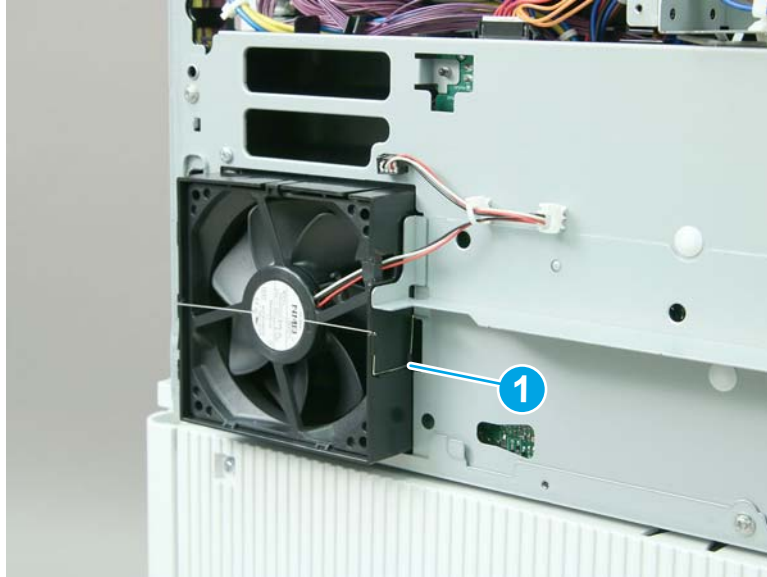
Figure 1-2143 Remove right rear cover



9. Remove the low-voltage power supply (LVPS) fan (M856/E85055/M776).
  - a. Release the spring (callout 1).

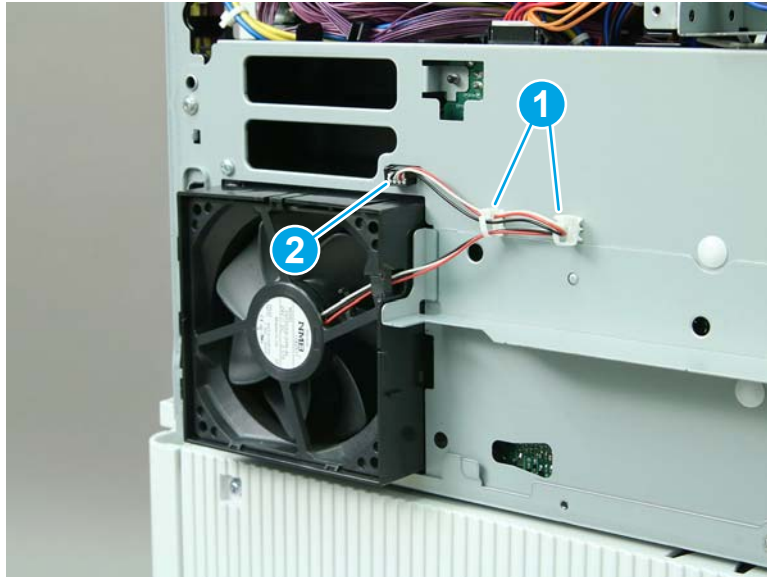


Figure 1-2144 Release the spring



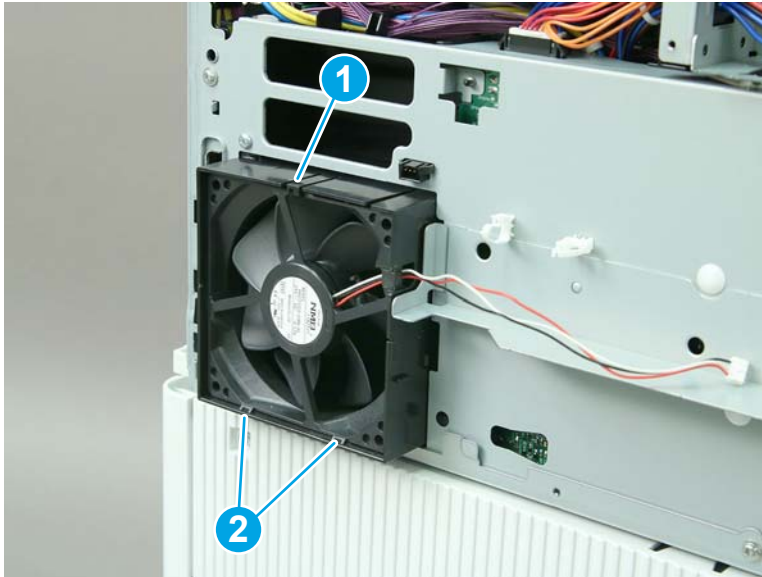
- b. Release two retainers (callout 1), and then disconnect one connector (callout 2).

Figure 1-2145 Release retainers and disconnect one connector



- c. Release one tab (callout 1) on the top of the fan, and then release two tabs (callout 2) at the bottom of the fan to remove it.


Figure 1-2146 Release three tabs



10. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.


---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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### Removal and replacement: Fuser fan (M751/E75245)

Learn how to remove and replace the fuser fan.

 [View a video of how to remove and replace the fuser fan.](#)

Mean time to repair: 16 minutes

Service level: Easy

#### Before performing service

Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-111 Part information**

Part number	Part description
RK2-9148-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

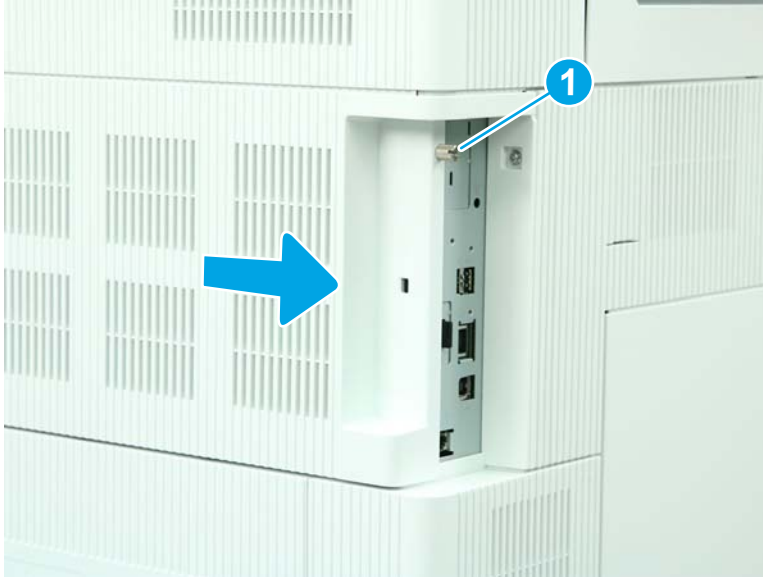
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

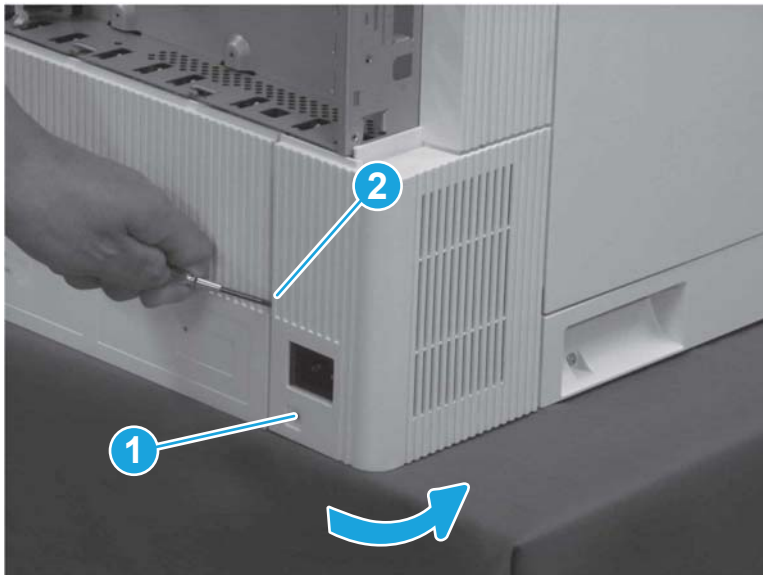
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2147 Remove the formatter cover



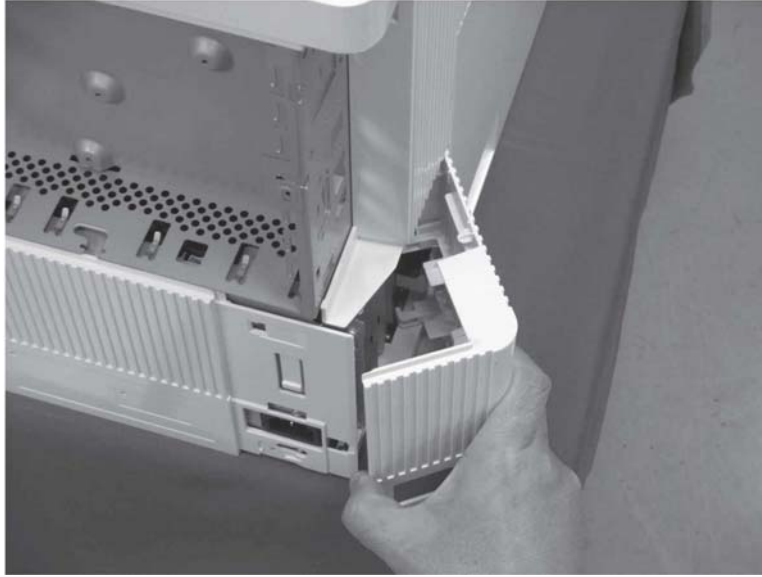
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2148 Remove one screw and release one tab



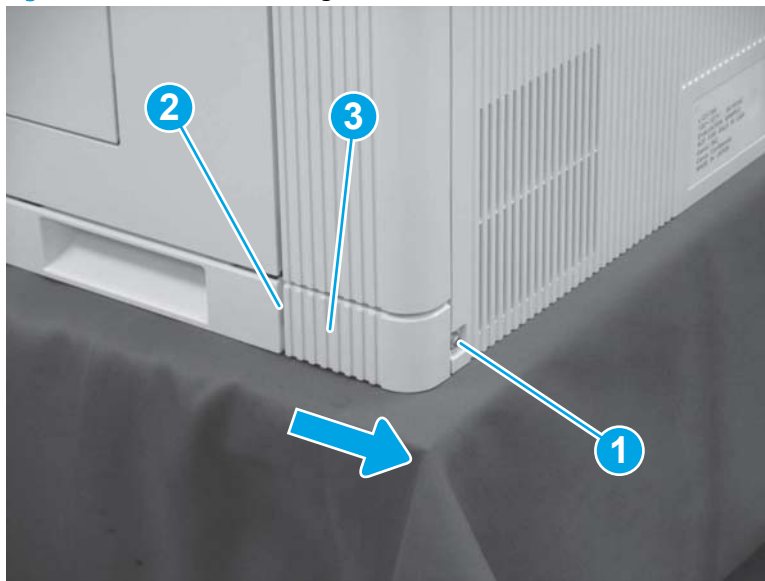
- b. Remove the left lower cover.

Figure 1-2149 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2150 Remove the right rear lower cover



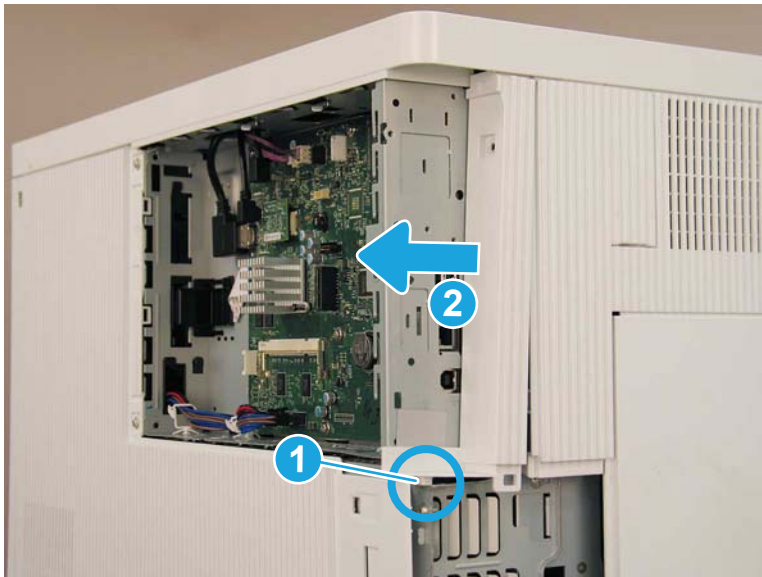
4. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-2151 Remove one screw



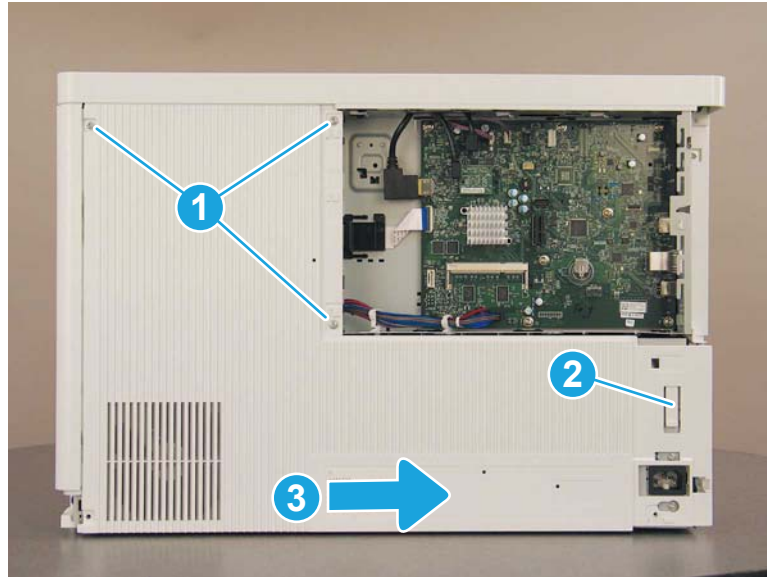
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2152 Remove the left rear cover



- 5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2153 Remove the rear cover

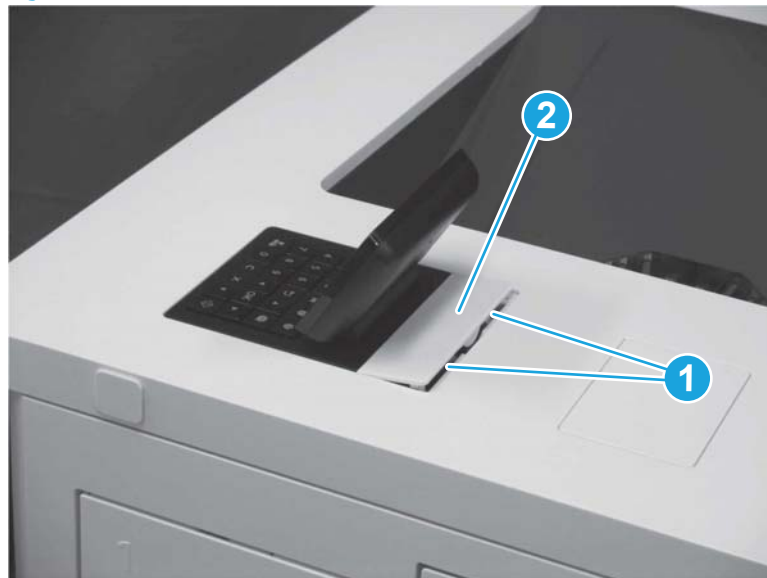


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2154 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2155 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2156 Slide the control panel back





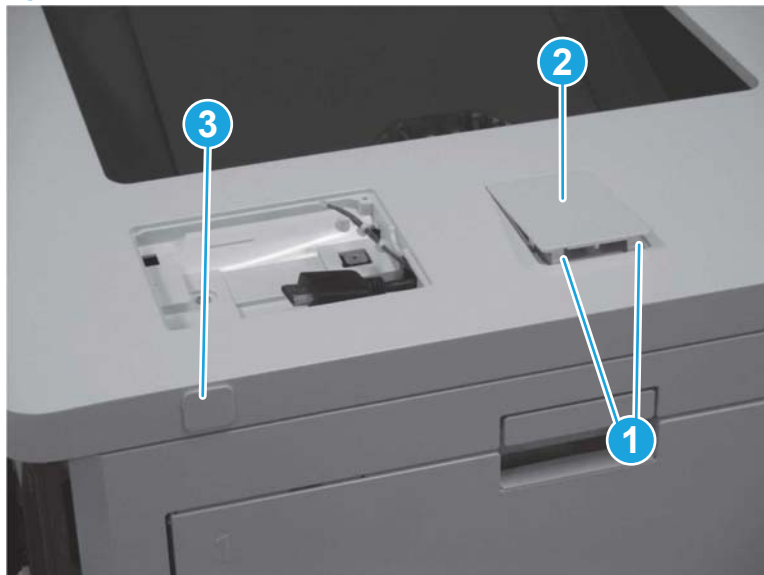
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-2157** Disconnect two connectors



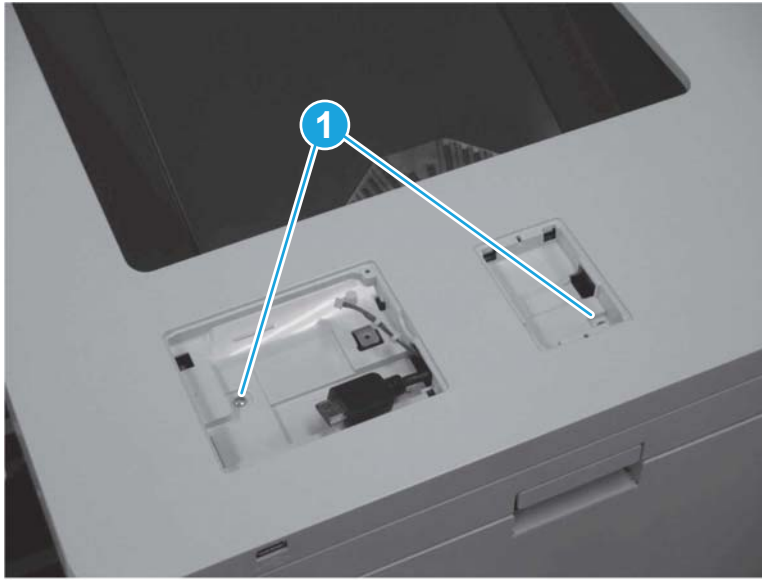
7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

**Figure 1-2158** Remove the HIP cover and USB cap



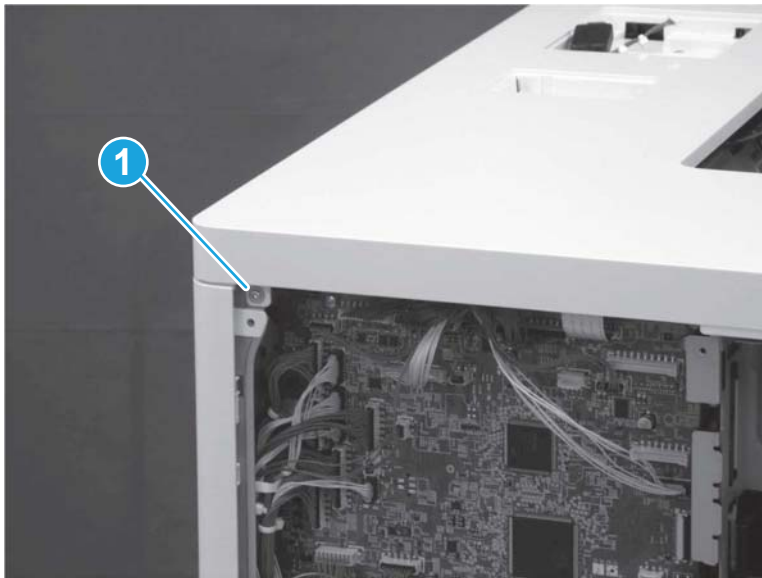
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2159 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2160 Remove one screw

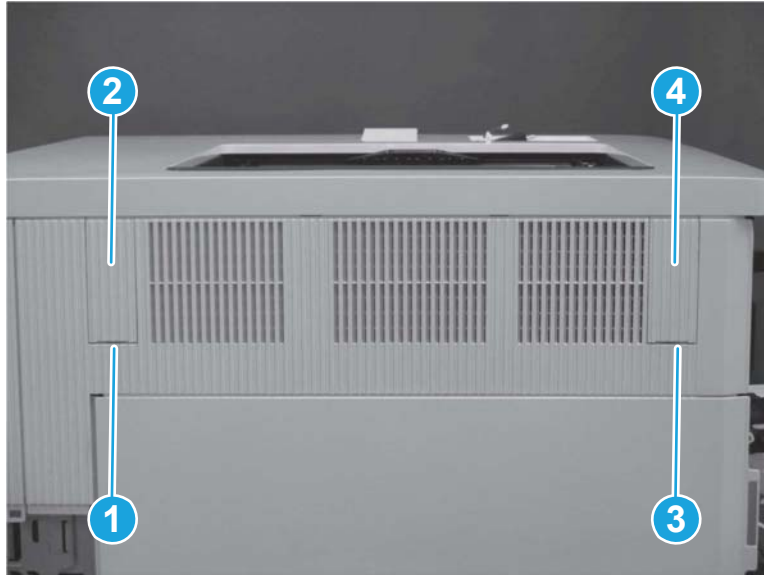


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

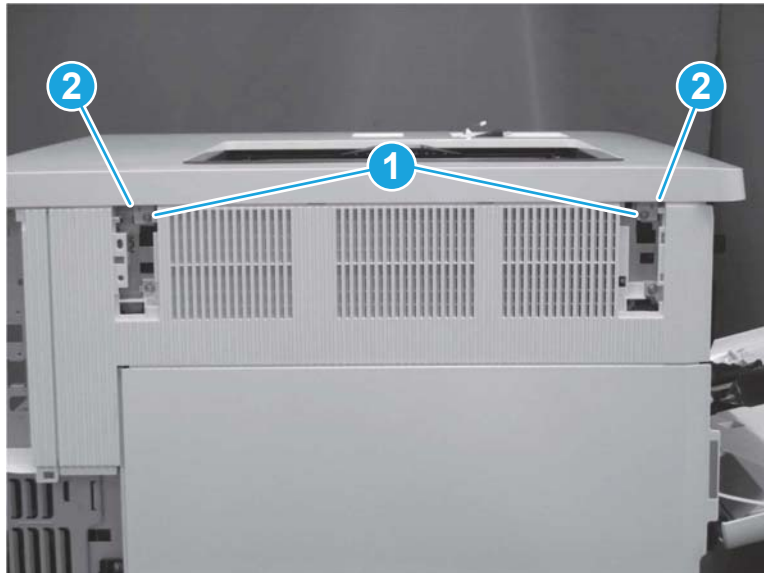
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2161** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2162** Remove two screws and release two tabs



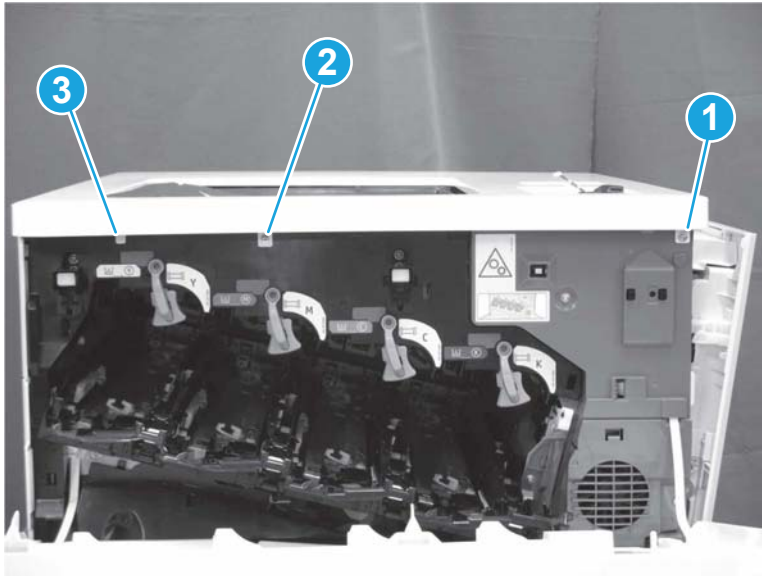
- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

---

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

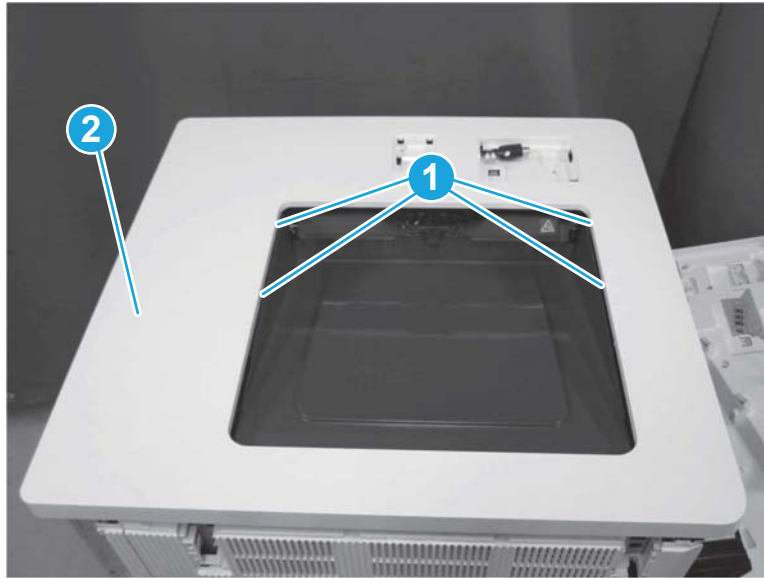
---

**Figure 1-2163** Remove two screws and release one tab

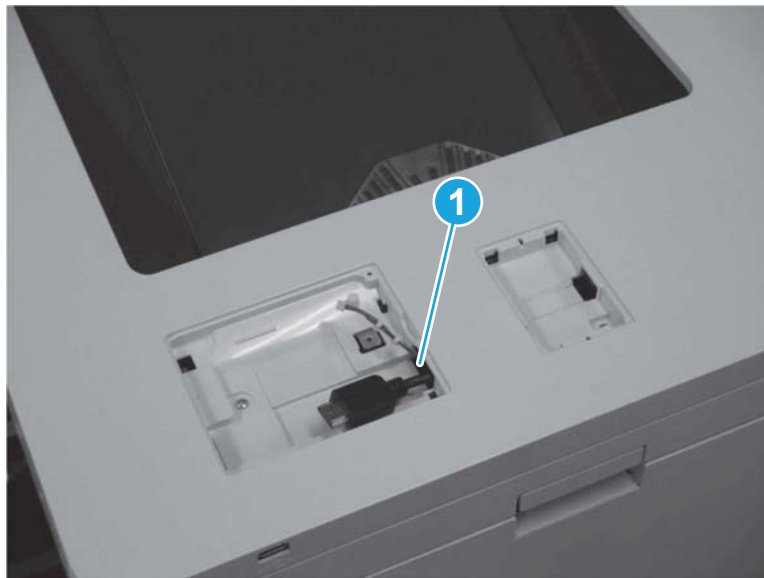


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2164 Remove the top cover

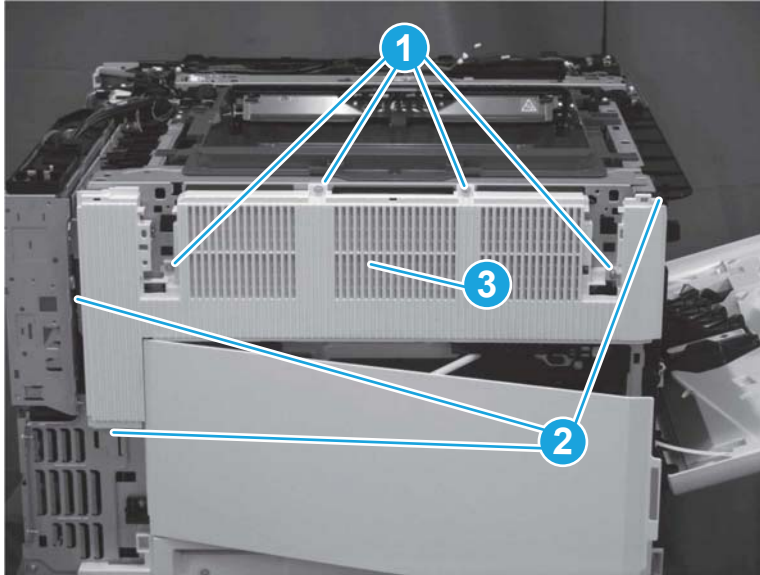


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the left upper cover (M751/E75245).
- ▲ Remove four screws (callout 1), release three tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2165 Remove the left upper cover



9. Remove the fuser fan.

- ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the fuser fan (callout 3).


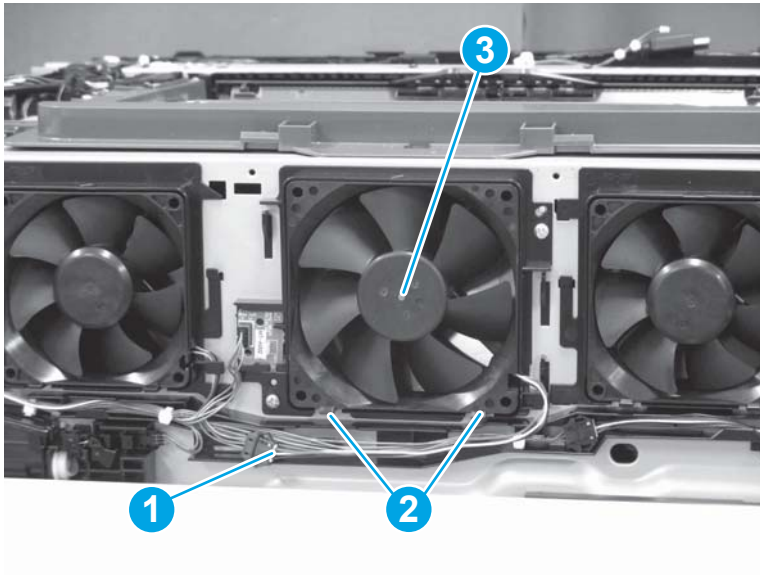
 **IMPORTANT:** When reinstalling the fuser fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.


Figure 1-2166 Remove the fuser fan



10. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Fuser fan (M856/E85055/M776)

Learn how to remove and replace the fuser fan.

 [View a video of how to remove and replace the fuser fan.](#)


Mean time to repair: 16 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-112** Part information

Part number	Part description
RK2-9148-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

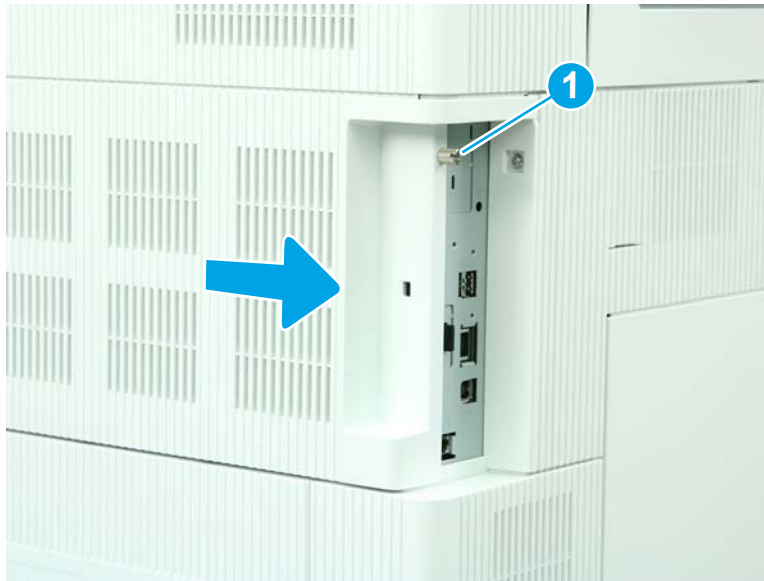
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

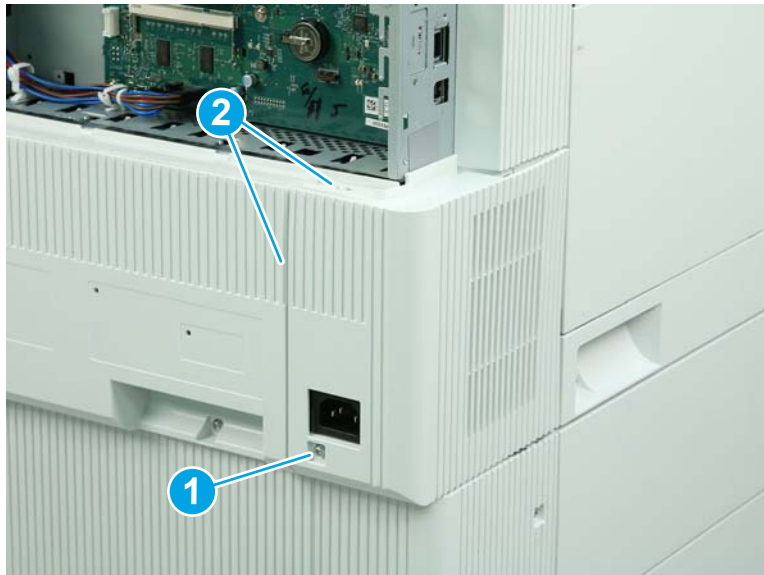
Figure 1-2167 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).

- a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2168 Remove one screw and release two tabs





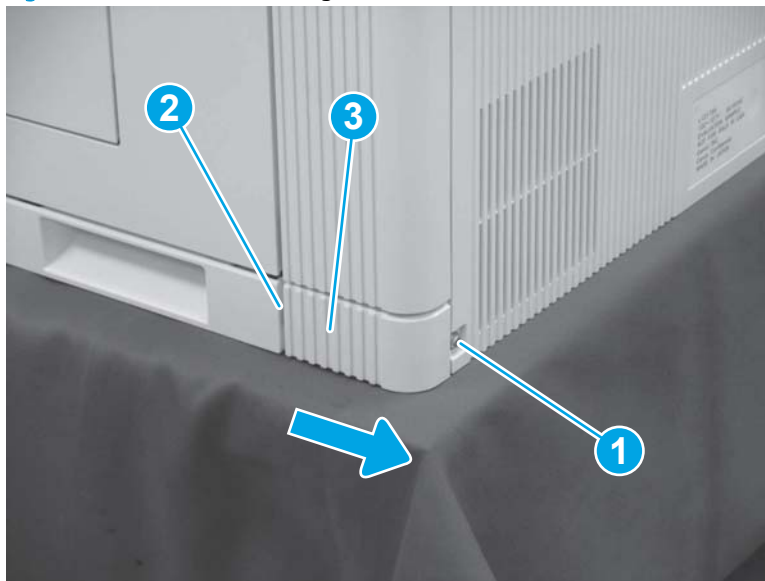
- b. Rotate the cover away from the printer to remove it.

**Figure 1-2169** Remove the left lower cover



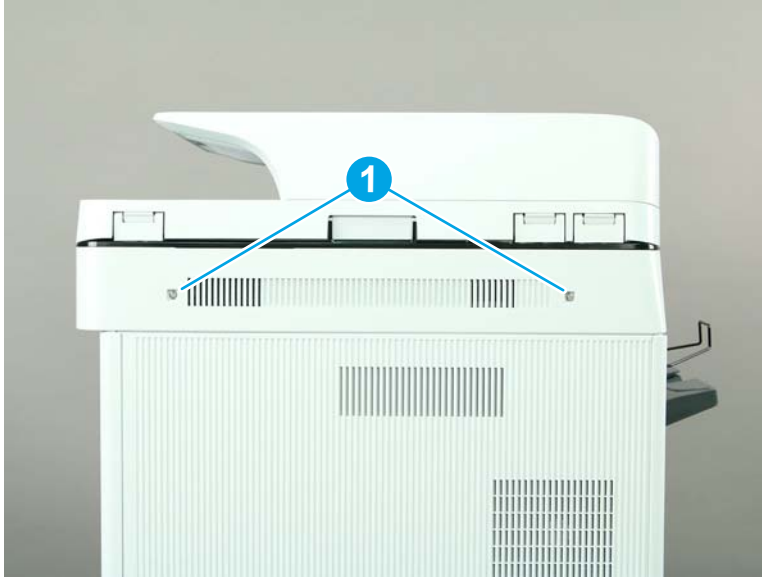
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-2170** Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2171 Remove two screws



- b. Remove the SCB cover.

Figure 1-2172 Remove the SCB cover

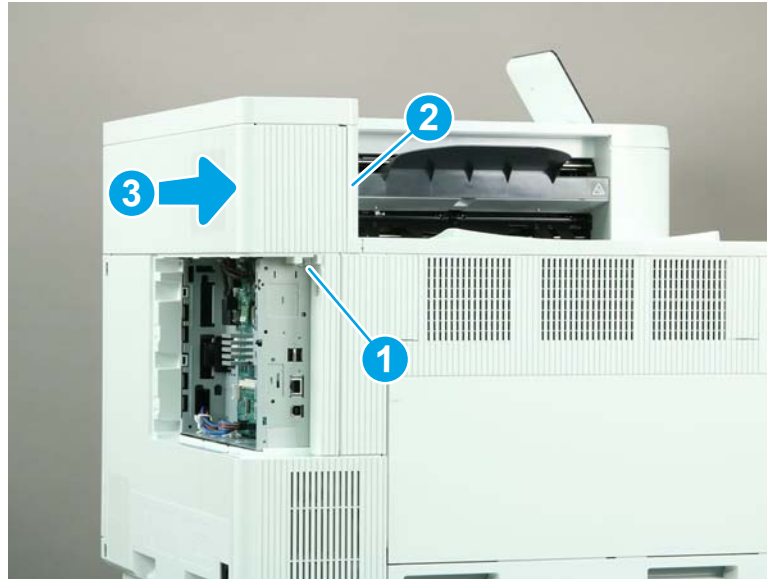


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

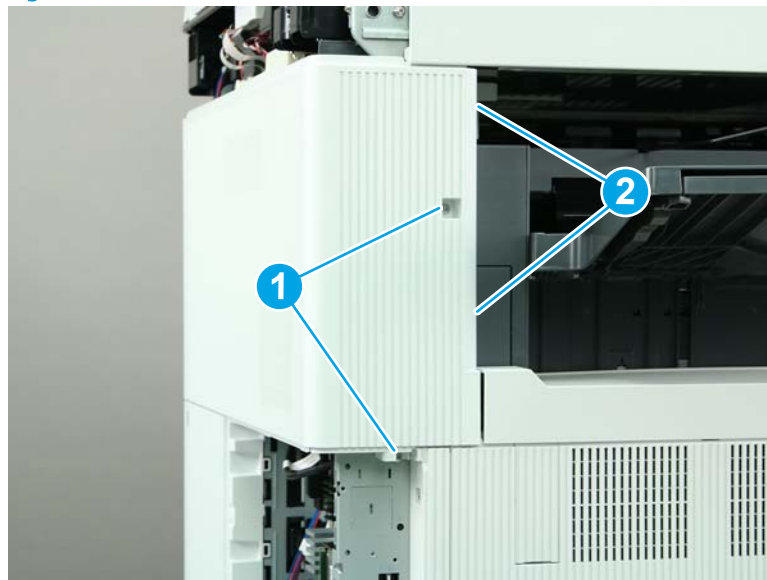
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2173 Remove the rear upper cover



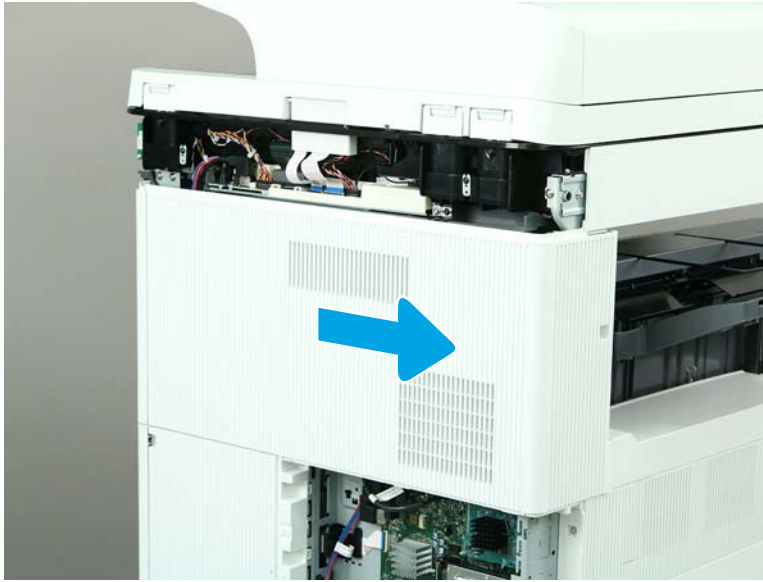
6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2174 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-2175 Remove the rear upper and left rear upper cover



- 7. Remove the left rear cover (M751/E75245/M856/E85055/M776).

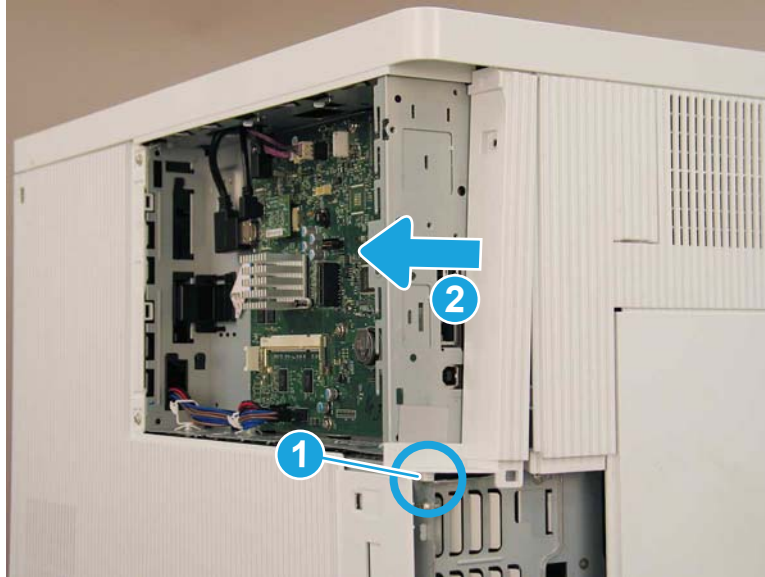
- a. Remove one screw (callout 1).

Figure 1-2176 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

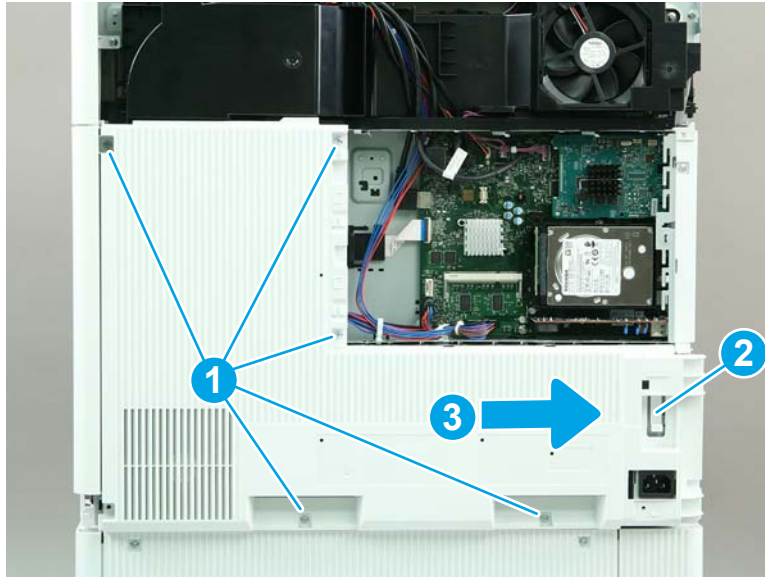
Figure 1-2177 Remove the left rear cover



- 8. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2178 Remove the rear cover (M856/E85055/M776)

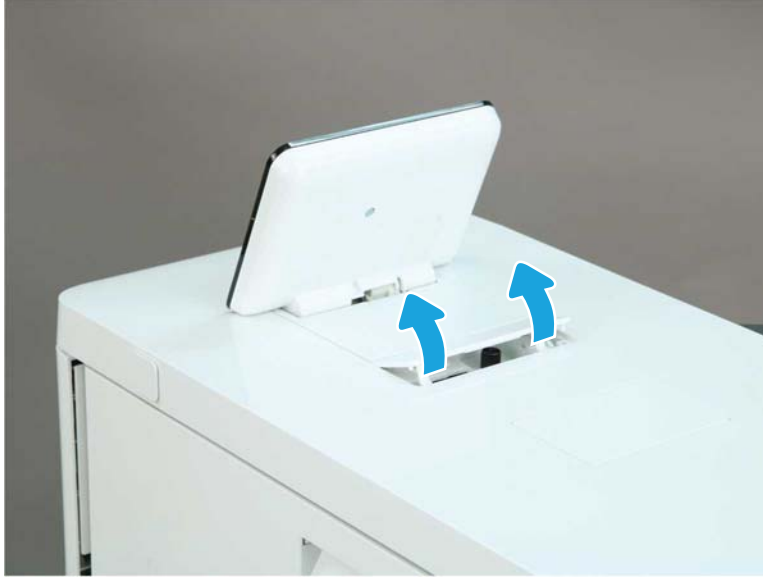


- 9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2179 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2180 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2181 Slide the control panel back



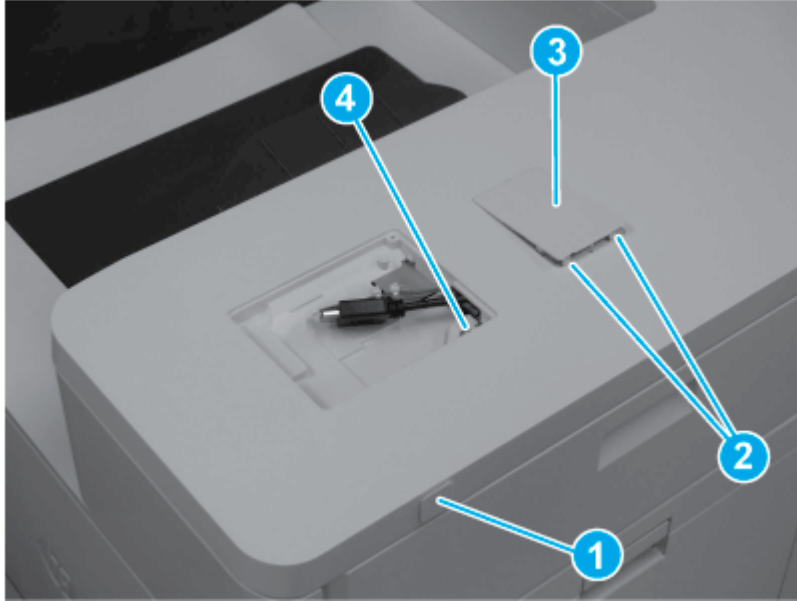
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-2182 Disconnect two connectors



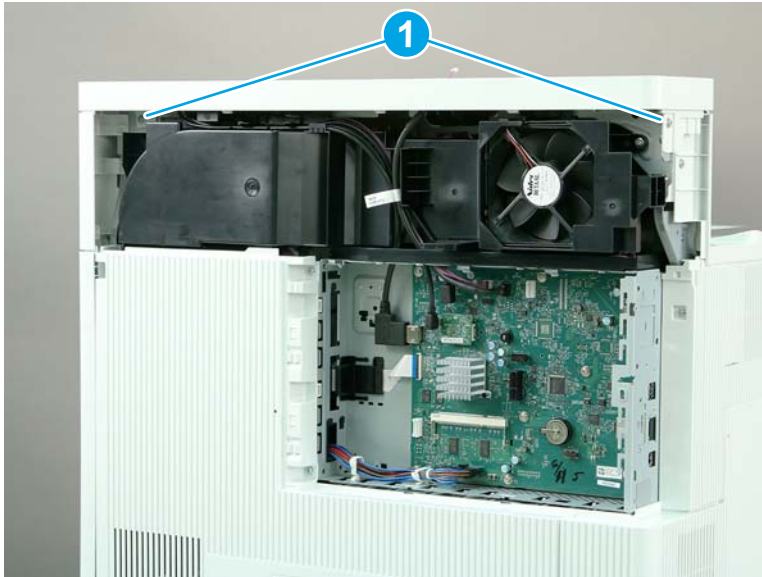
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2183 Remove covers and one screw



- f. Remove two screws (callout 1).

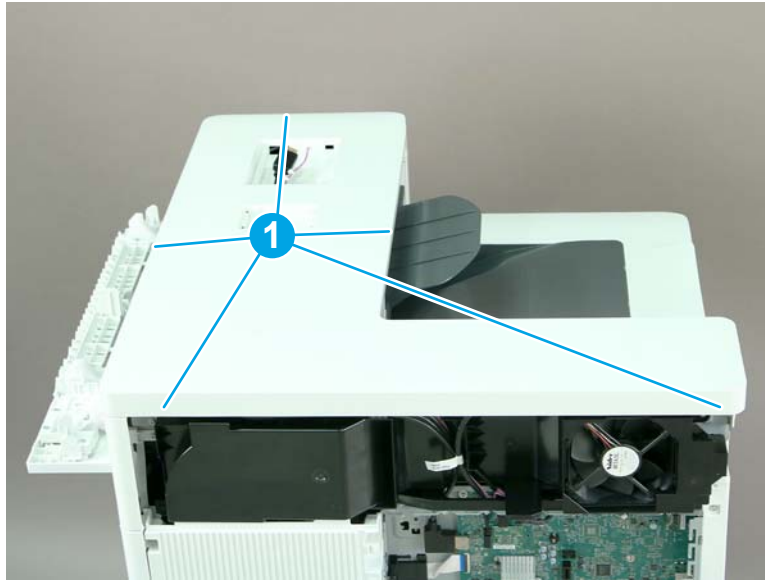
Figure 1-2184 Remove two screws





- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-2185 Release five tabs

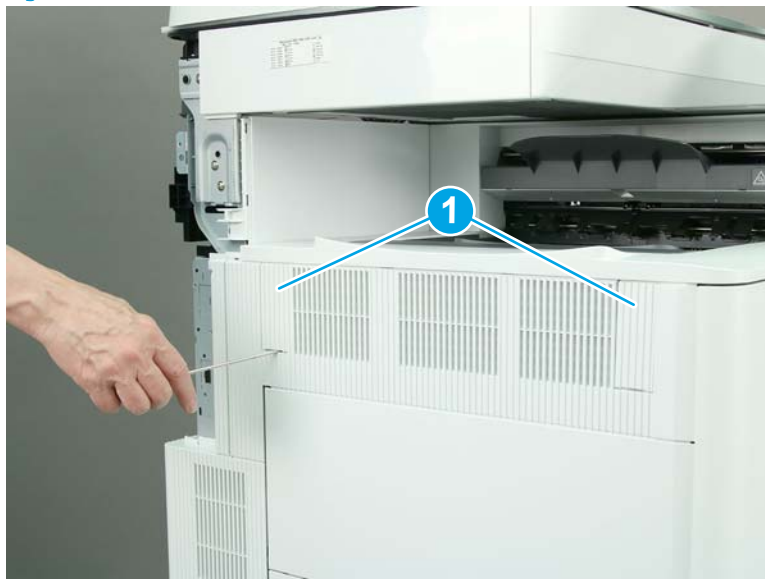


- 10. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

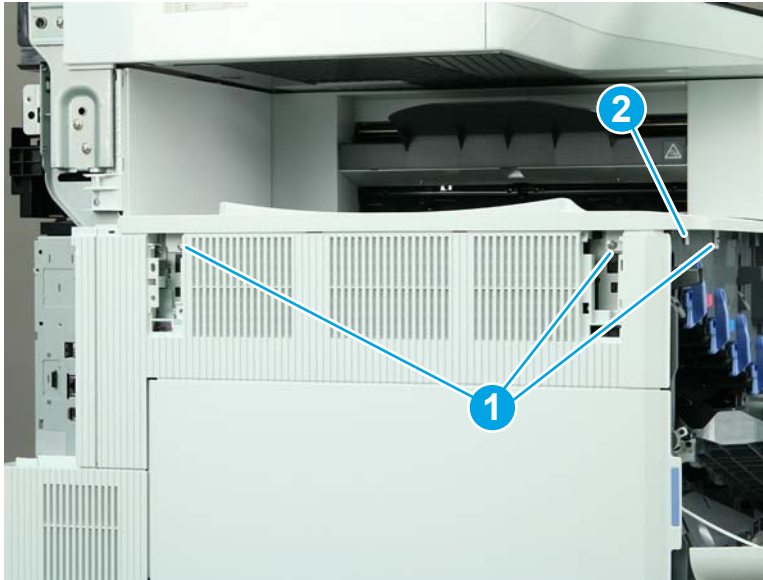
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2186 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

**Figure 1-2187** Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-2188** Remove the accessory upper cover

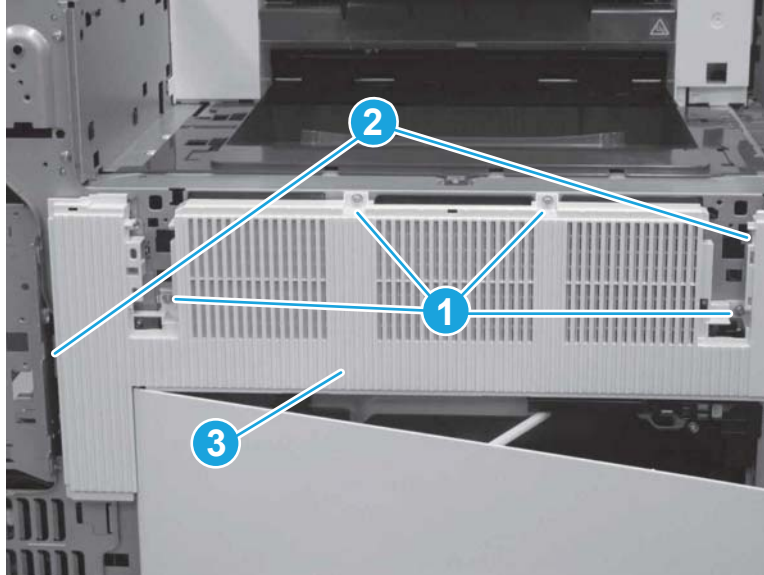


11. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2189 Remove the left upper cover



12. Remove the fuser fan.

- ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the fuser fan (callout 3).


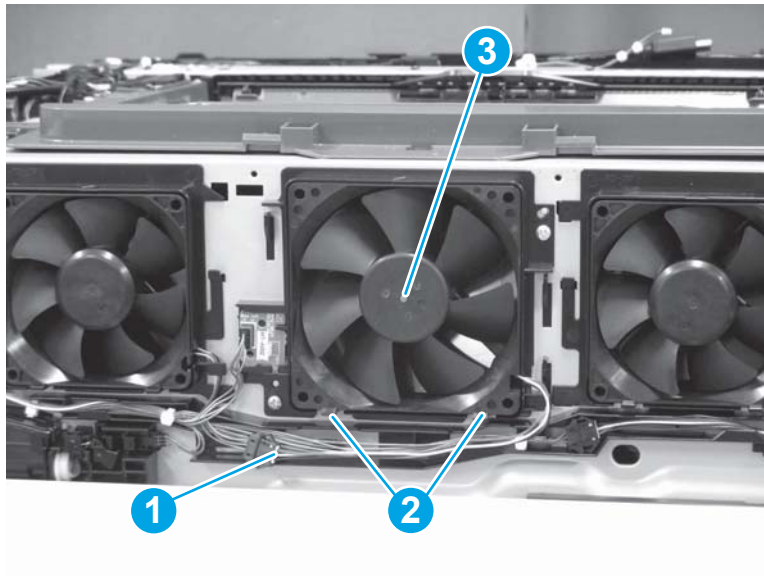
 **IMPORTANT:** When reinstalling the fuser fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.


Figure 1-2190 Remove the fuser fan



13. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Cartridge front fan (M751/E75245)

Learn how to remove and replace the cartridge front fan.

 [View a video of how to remove and replace the cartridge front fan.](#)


Mean time to repair: 16 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-113 Part information

Part number	Part description
RK2-2276-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

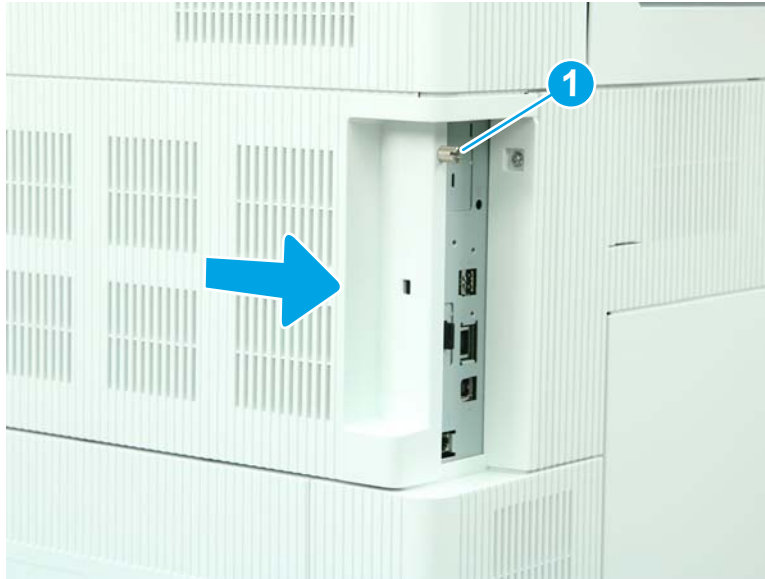
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

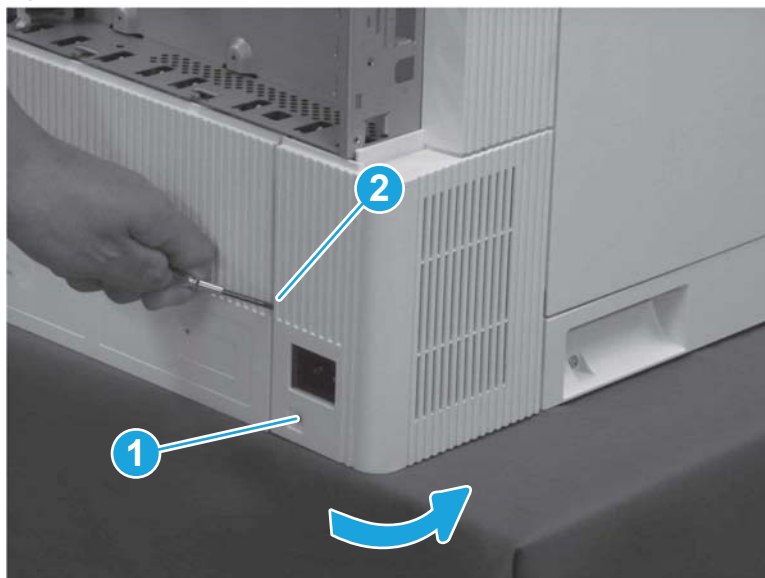
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2191 Remove the formatter cover



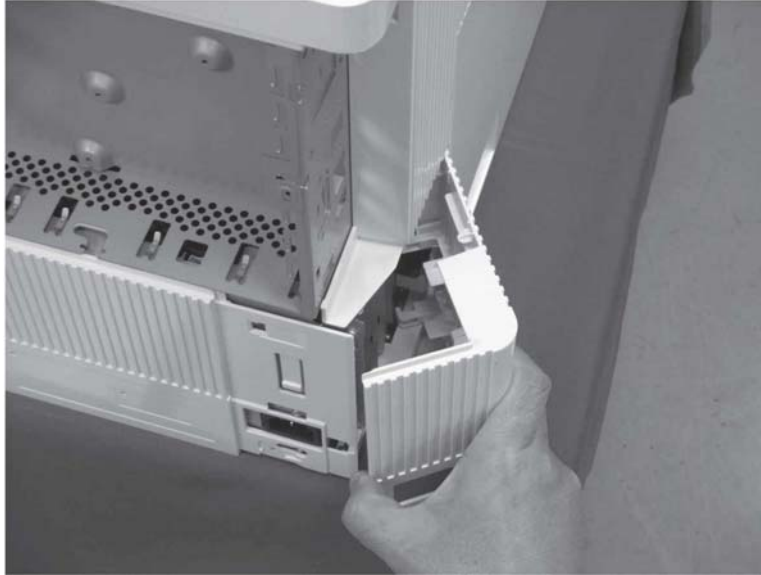
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2192 Remove one screw and release one tab



- b. Remove the left lower cover.

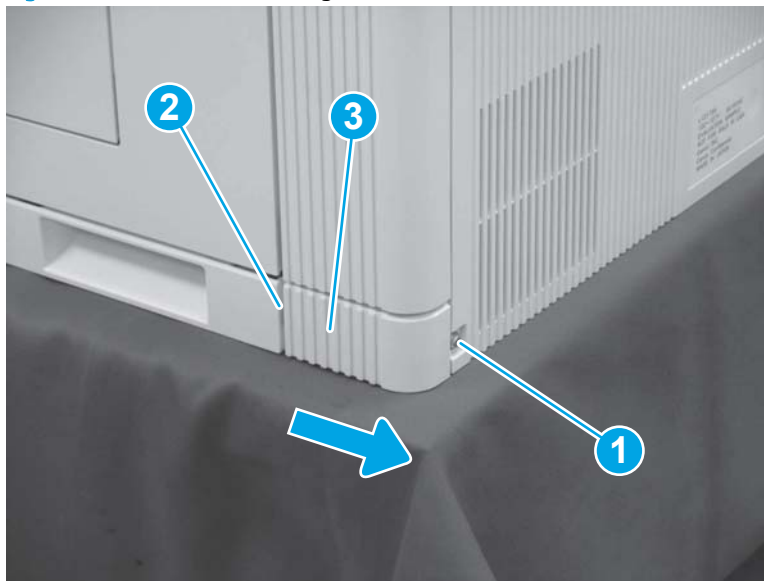
Figure 1-2193 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2194 Remove the right rear lower cover



4. Remove the left rear cover (M751/E75245/M856/E85055/M776).

- a. Remove one screw (callout 1).

Figure 1-2195 Remove one screw



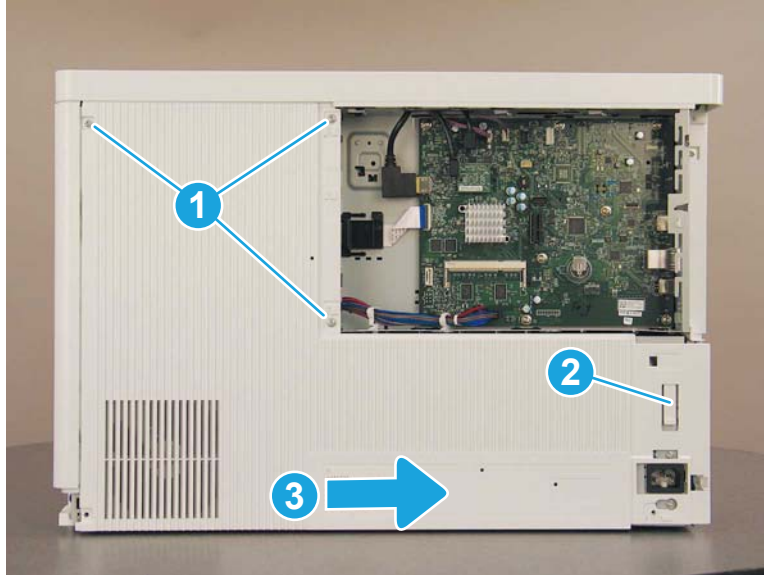
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2196 Remove the left rear cover




- 5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2197 Remove the rear cover

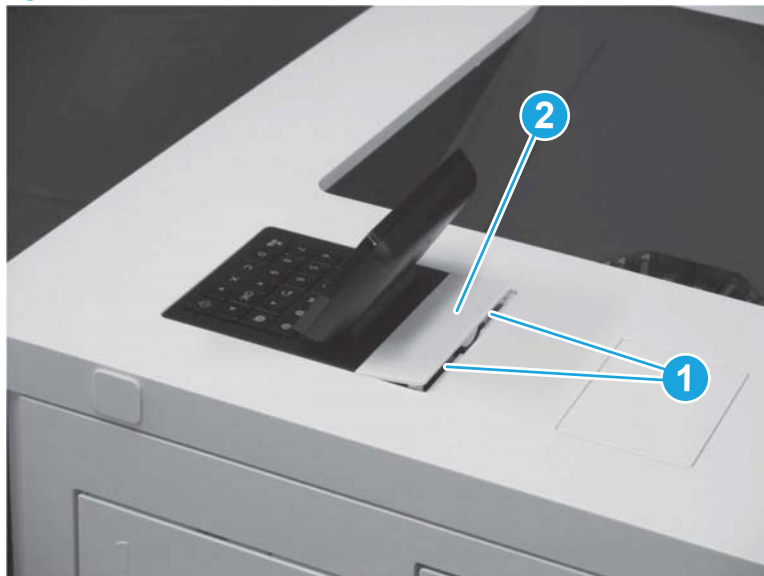


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2198 Remove the control panel cover





- b. Remove one screw (callout 1).

Figure 1-2199 Remove one screw



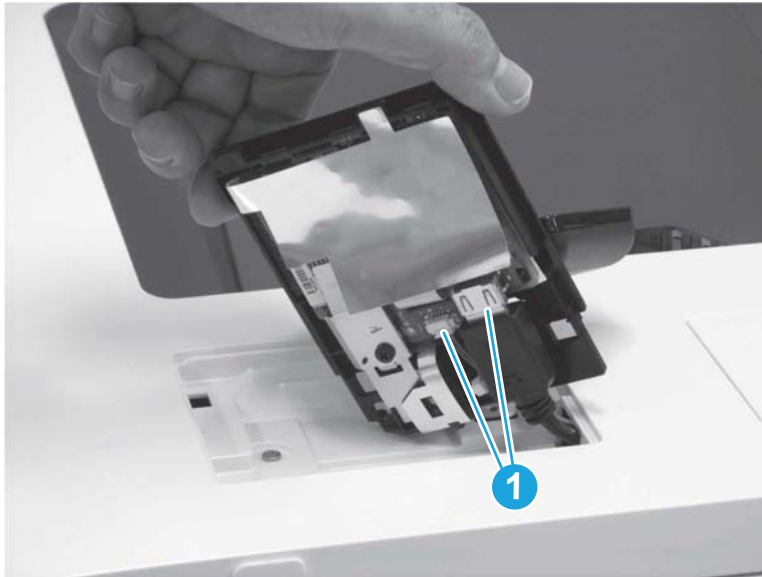
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2200 Slide the control panel back



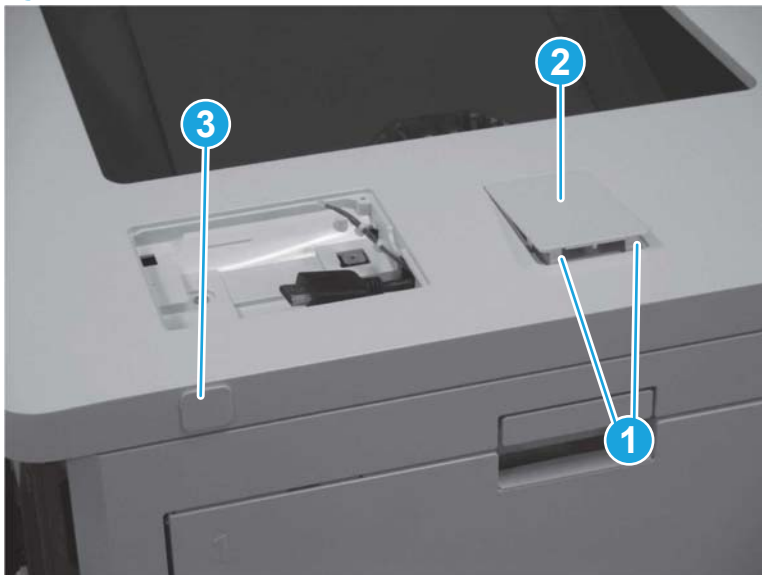
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2201 Disconnect two connectors



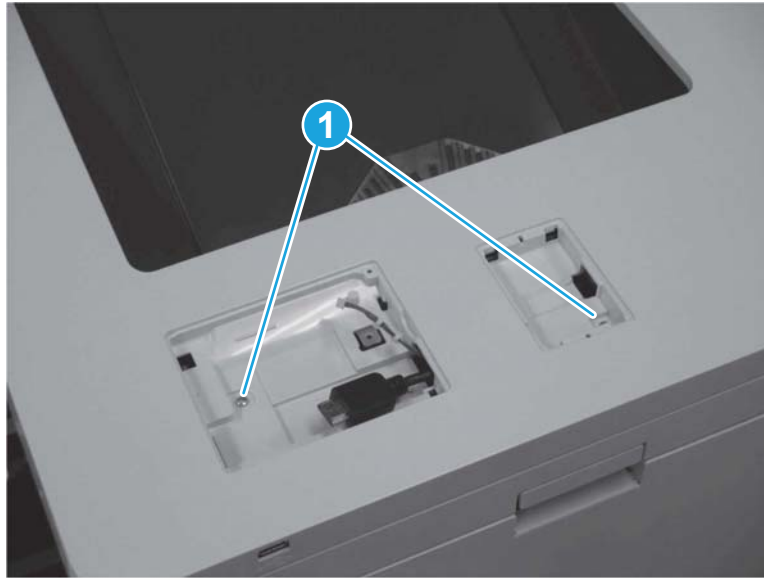
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-2202 Remove the HIP cover and USB cap



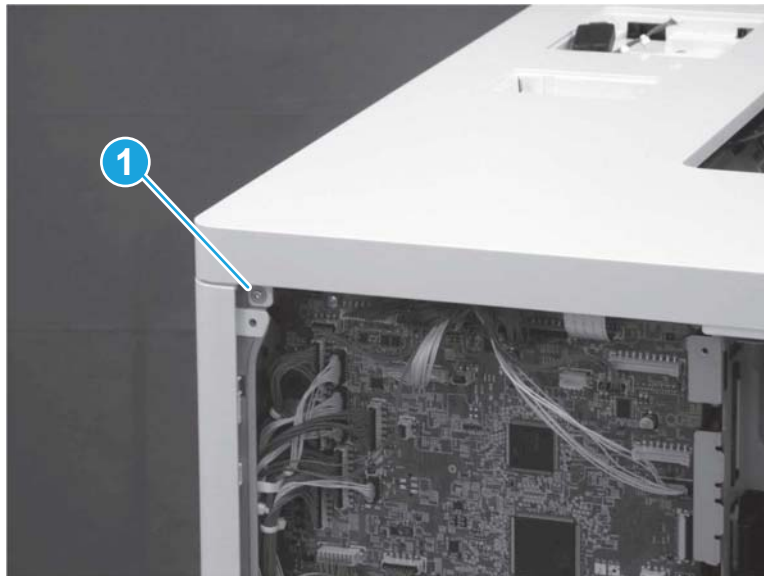
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2203 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2204 Remove one screw

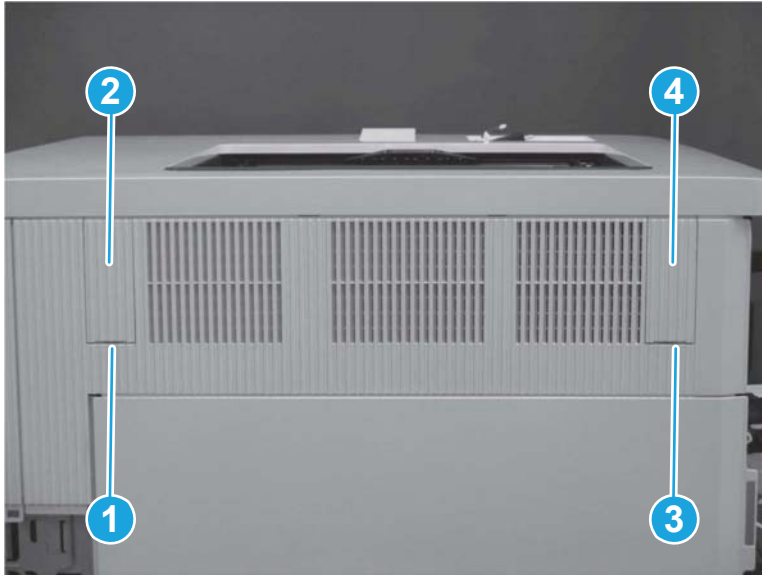


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

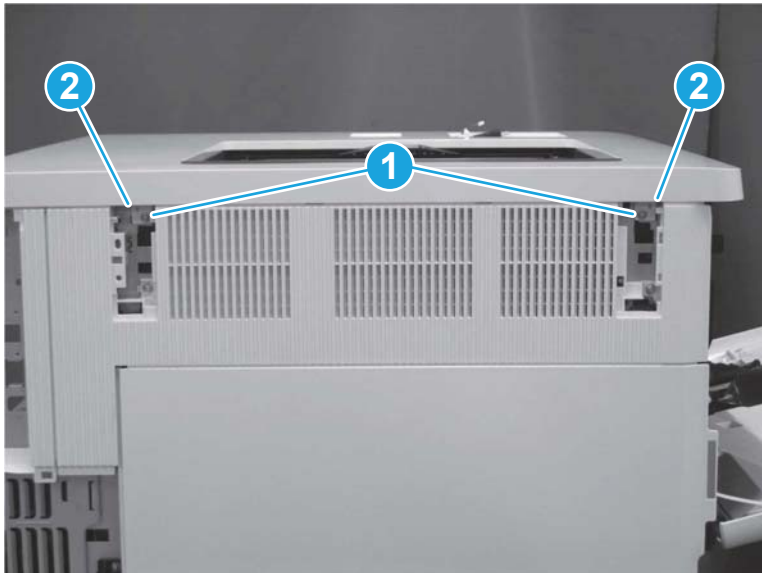
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2205** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

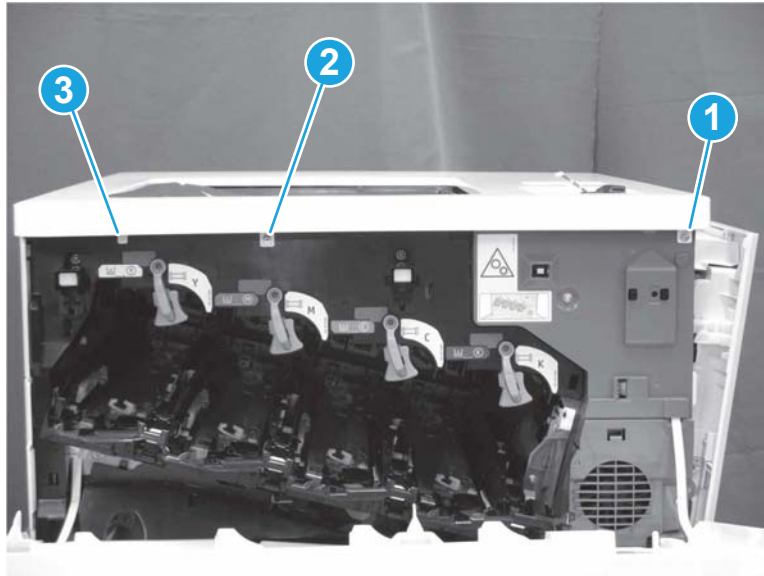
**Figure 1-2206** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

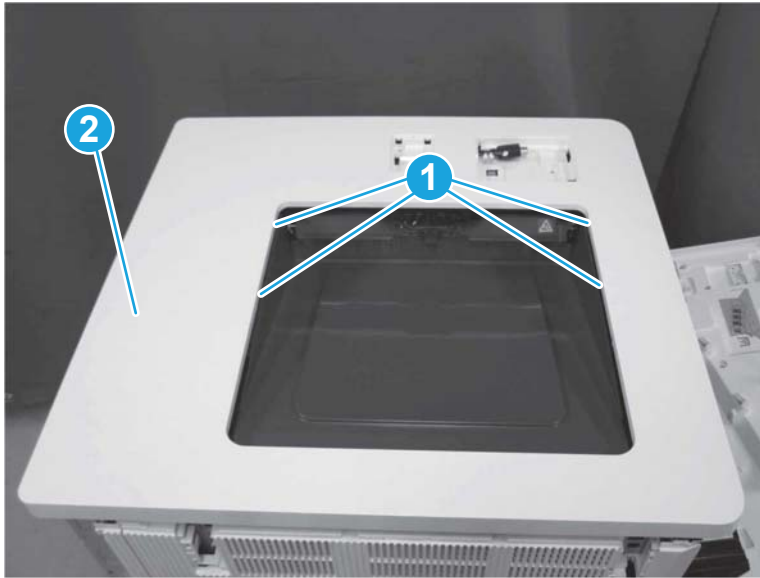
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

**Figure 1-2207** Remove two screws and release one tab

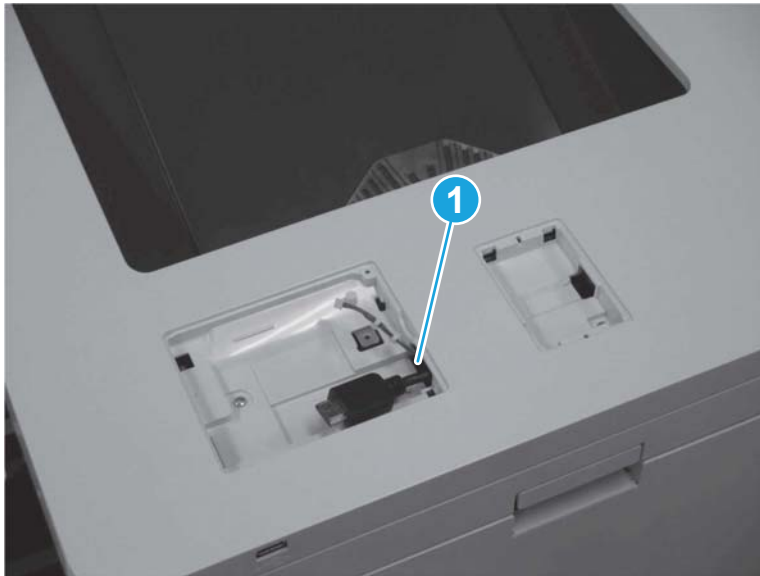


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2208 Remove the top cover

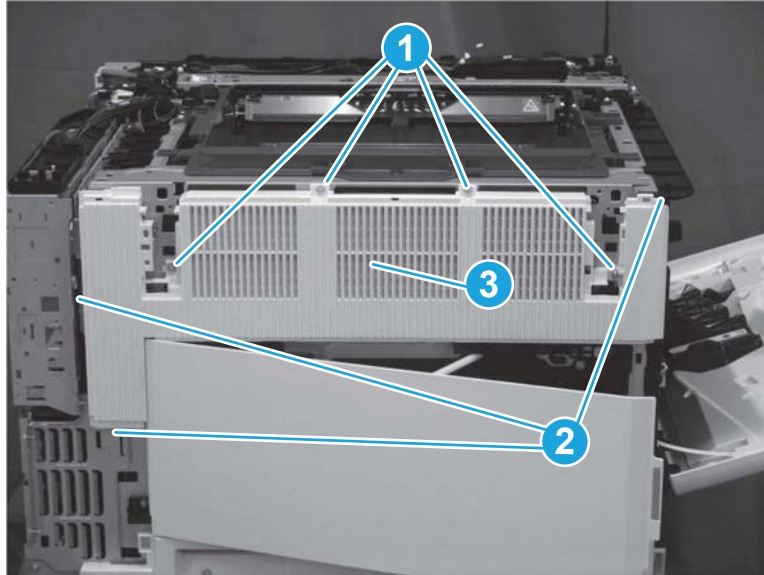


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the left upper cover (M751/E75245).
- ▲ Remove four screws (callout 1), release three tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2209 Remove the left upper cover



9. Remove the cartridge front fan.

- ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the cartridge front fan (callout 3).


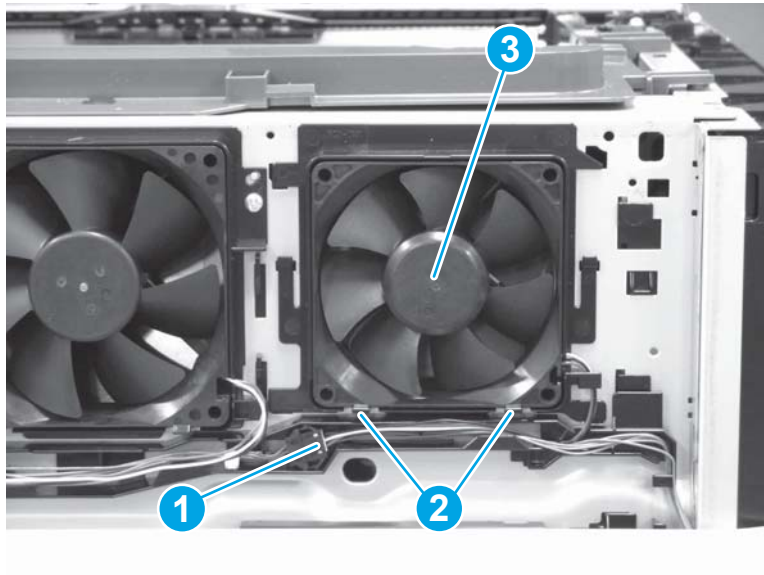
 **IMPORTANT:** When reinstalling the cartridge front fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.

Figure 1-2210 Remove the cartridge front fan



10. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Cartridge front fan (M856/E85055/M776)

Learn how to remove and replace the cartridge front fan.

 [View a video of how to remove and replace the cartridge front fan.](#)


Mean time to repair: 16 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-114 Part information

Part number	Part description
RK2-2276-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.



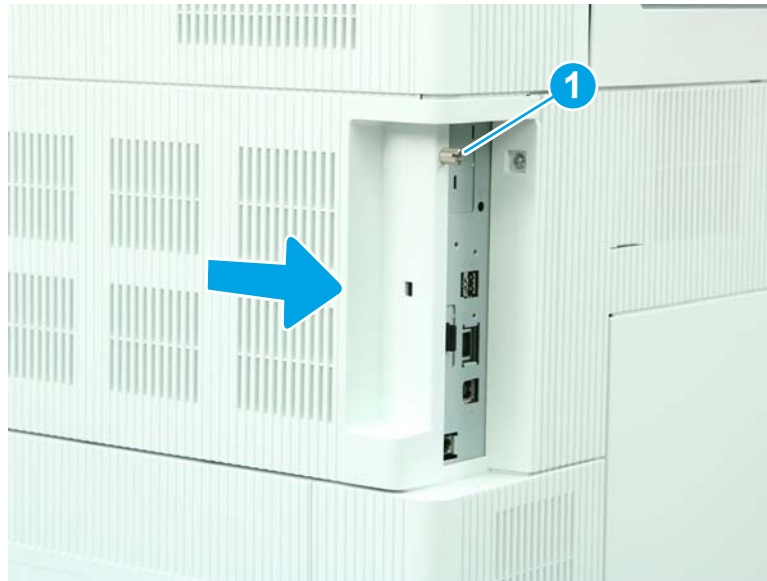
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

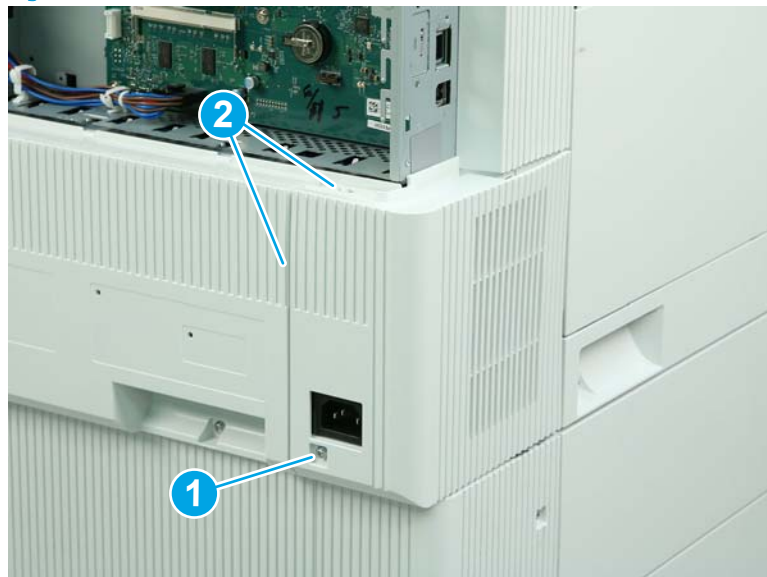
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2211 Remove the formatter cover



2. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2212 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

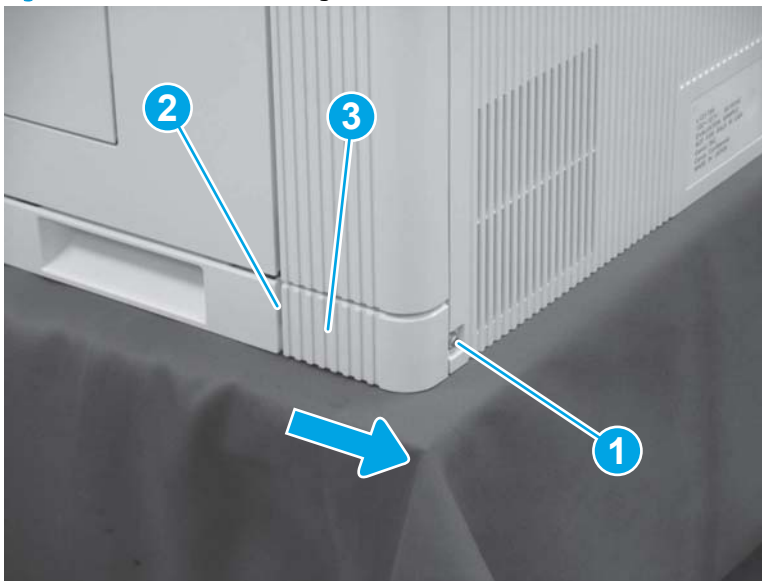
Figure 1-2213 Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

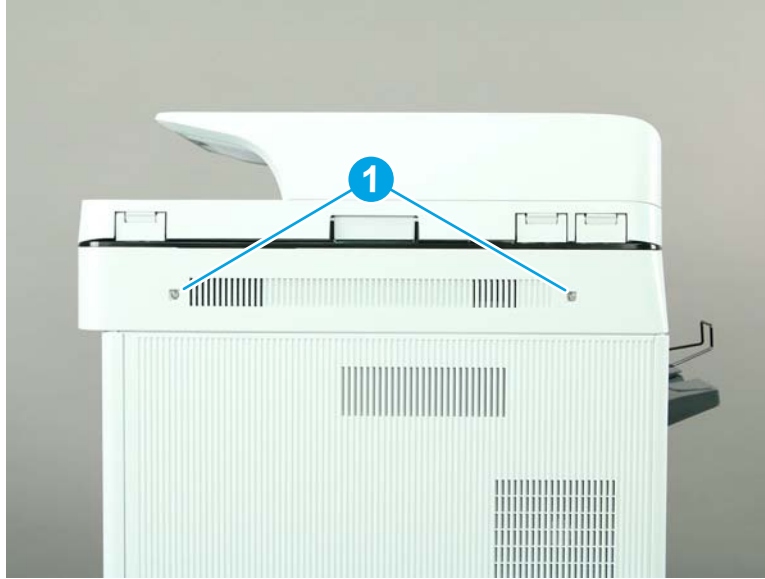
Figure 1-2214 Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-2215 Remove two screws



- b. Remove the SCB cover.

Figure 1-2216 Remove the SCB cover

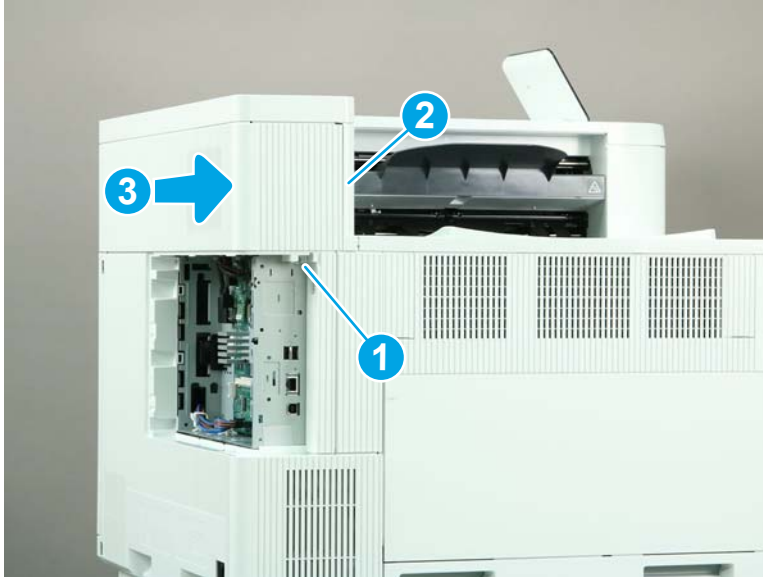


5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

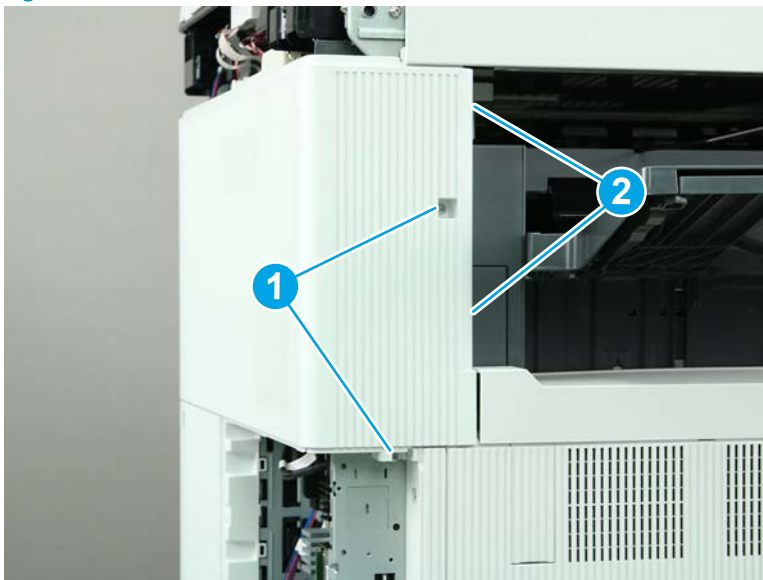
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2217 Remove the rear upper cover



6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2218 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-2219** Remove the rear upper and left rear upper cover



- 7. Remove the left rear cover (M751/E75245/M856/E85055/M776).

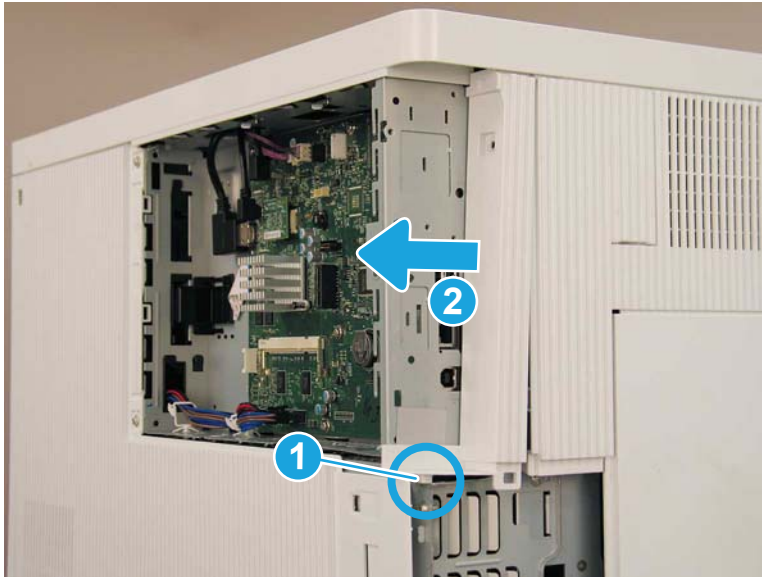
- a. Remove one screw (callout 1).

**Figure 1-2220** Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

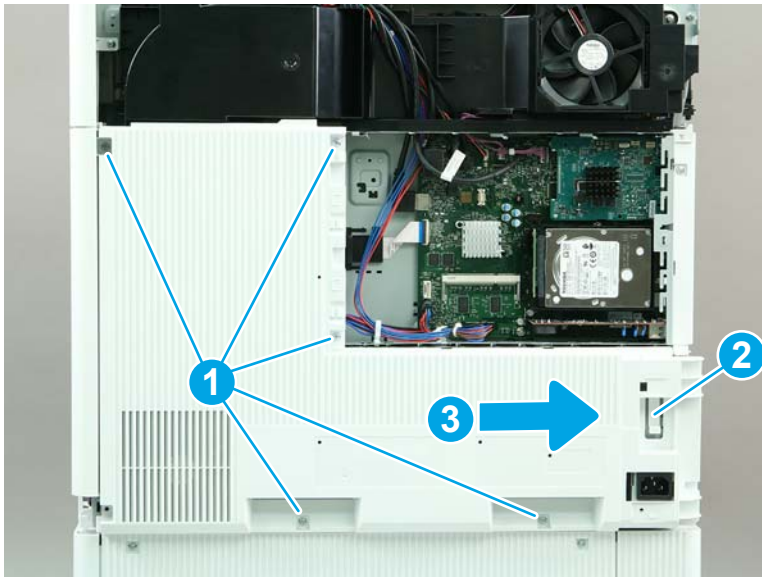
Figure 1-2221 Remove the left rear cover



8. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2222 Remove the rear cover (M856/E85055/M776)



9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2223 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2224 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2225 Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

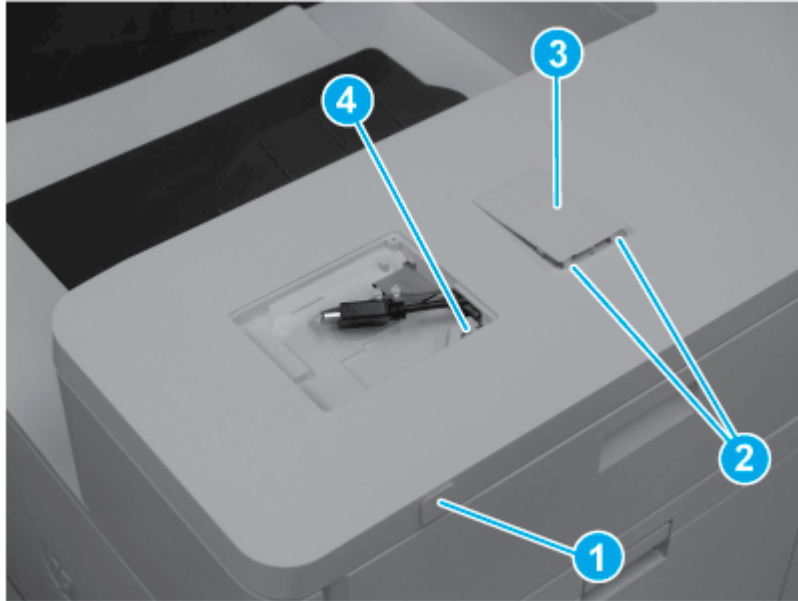
Figure 1-2226 Disconnect two connectors





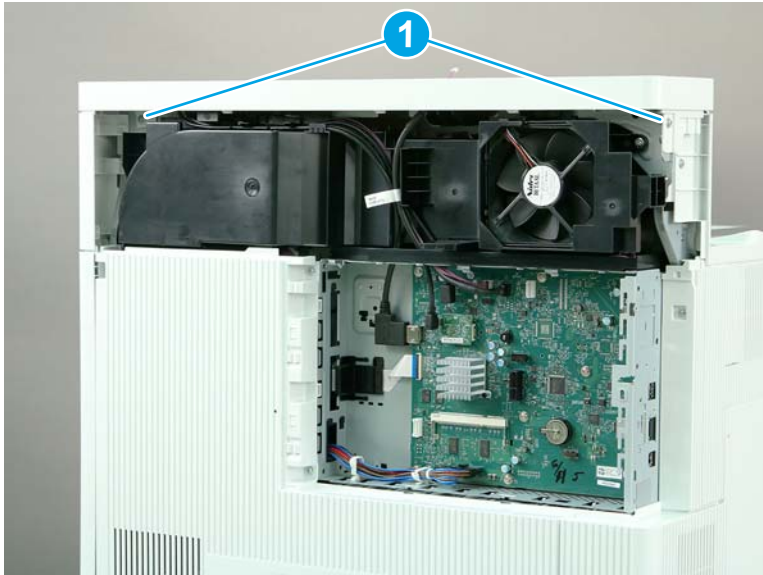
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2227 Remove covers and one screw



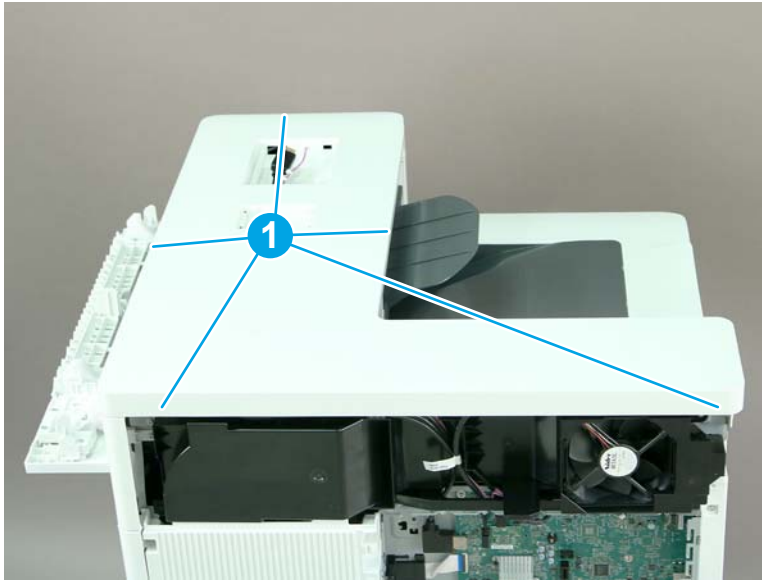
- f. Remove two screws (callout 1).

Figure 1-2228 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-2229 Release five tabs

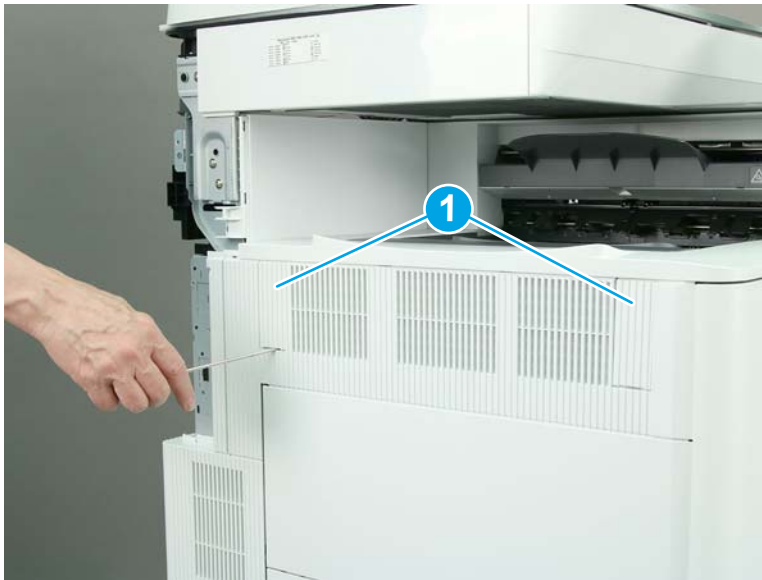


10. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

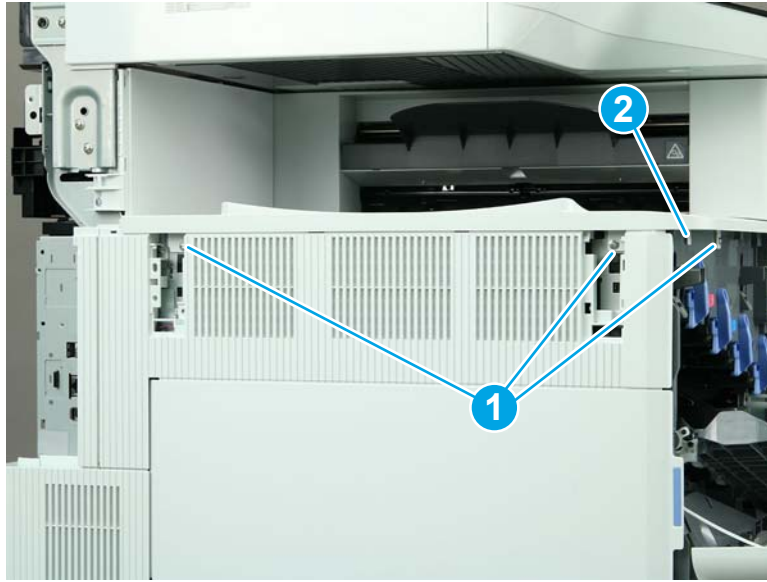
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2230 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2231 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

Figure 1-2232 Remove the accessory upper cover

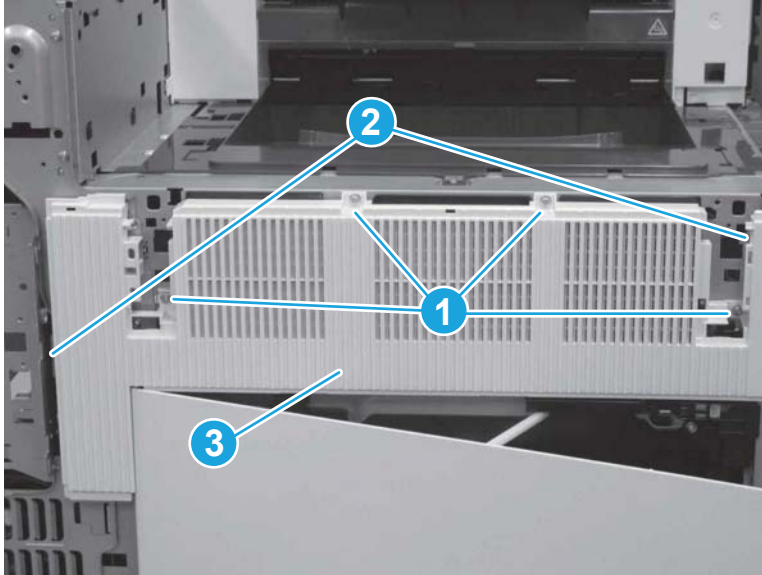


- 11. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).


Figure 1-2233 Remove the left upper cover



12. Remove the cartridge front fan.

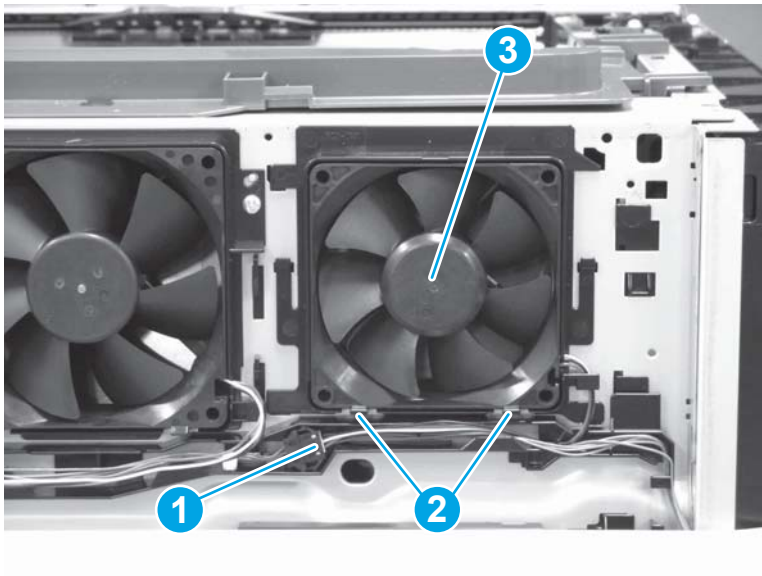
- ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the cartridge front fan (callout 3).

---

 **IMPORTANT:** When reinstalling the cartridge front fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.

---

Figure 1-2234 Remove the cartridge front fan



13. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Cartridge rear fan (M751/E75245)

Learn how to remove and replace the cartridge rear fan.



[View a video of how to remove and replace the cartridge rear fan.](#)


Mean time to repair: 16 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-115** Part information

Part number	Part description
RK2-2276-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

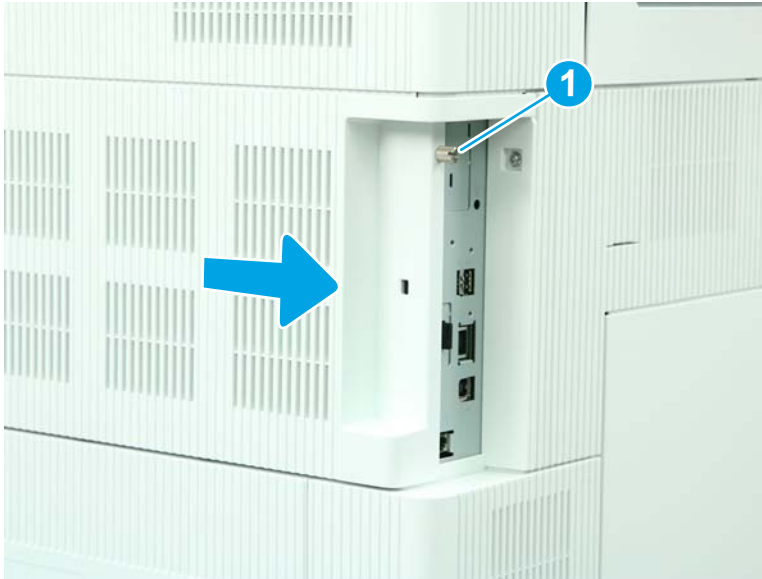
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

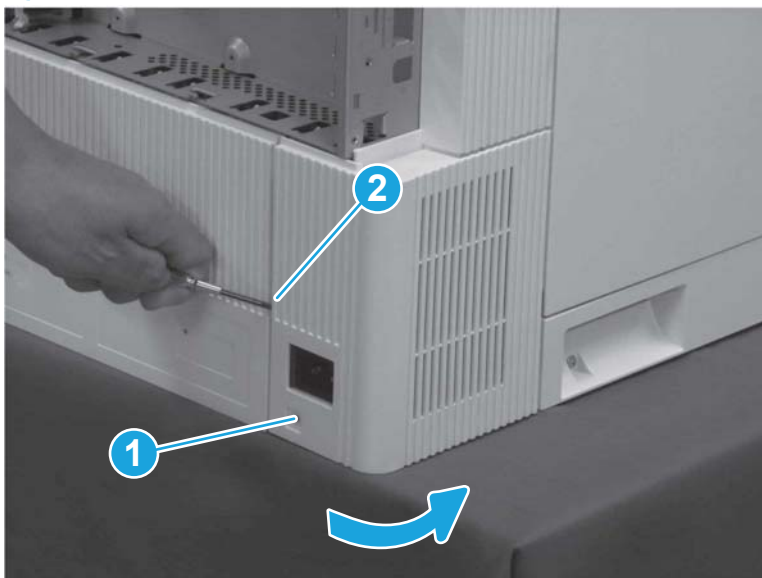
Figure 1-2235 Remove the formatter cover



### 2. Remove the left lower cover (M751/E75245).

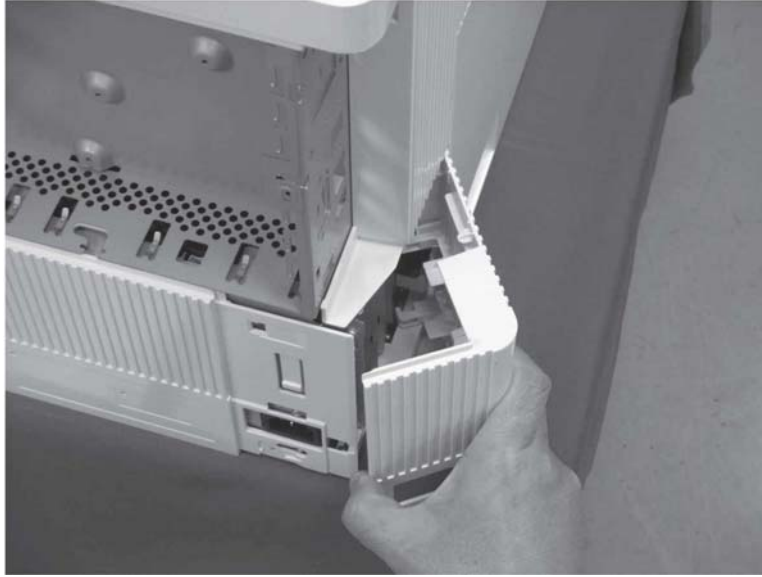
- a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2236 Remove one screw and release one tab



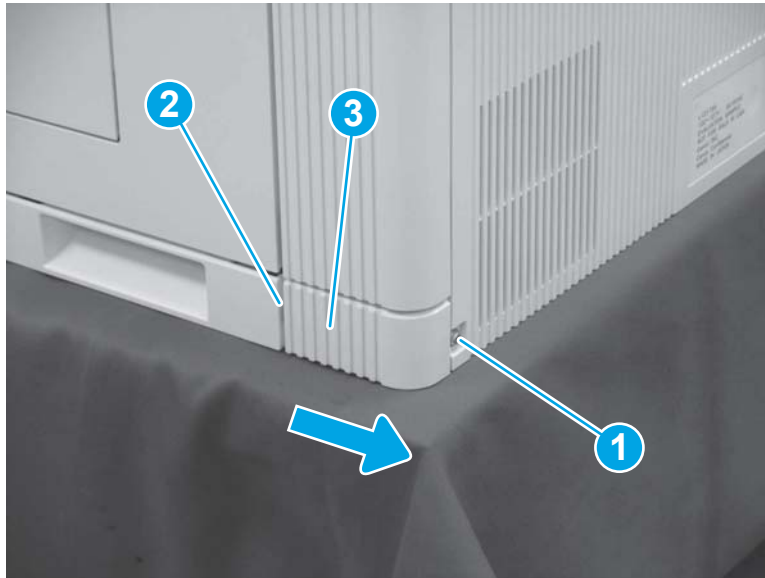
- b. Remove the left lower cover.

**Figure 1-2237** Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-2238** Remove the right rear lower cover



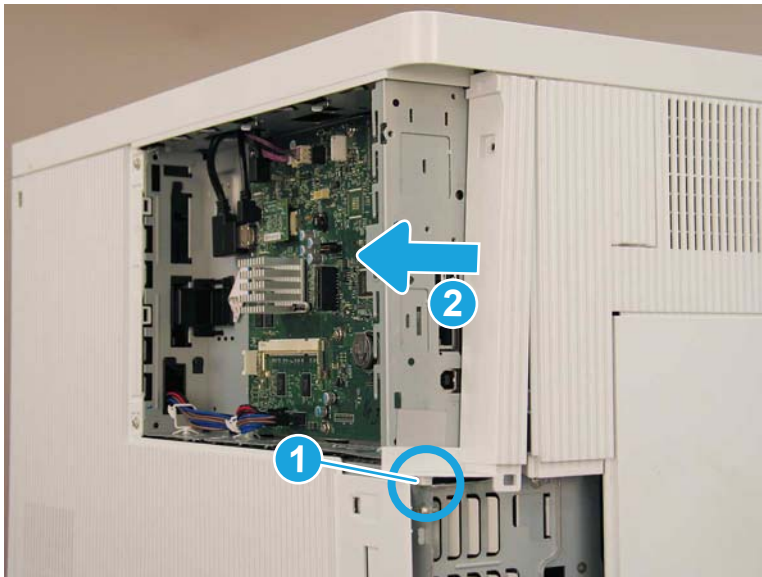
4. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-2239 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

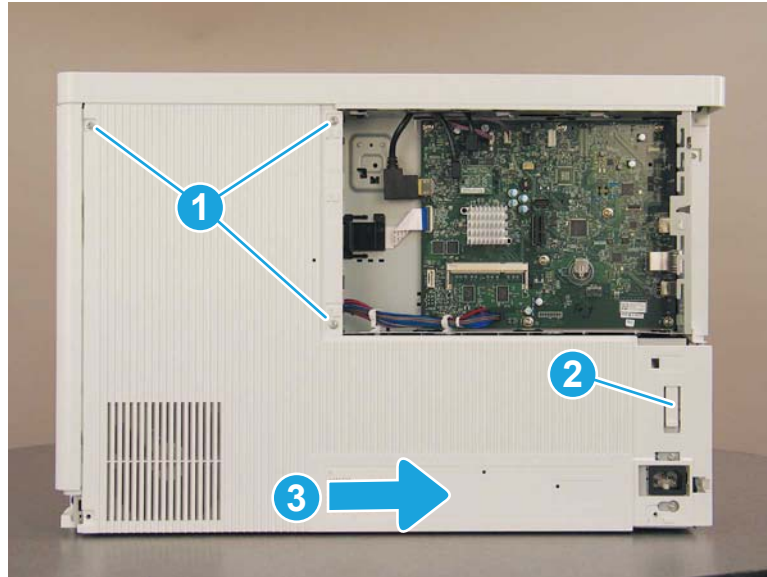
Figure 1-2240 Remove the left rear cover



- 5. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.



Figure 1-2241 Remove the rear cover

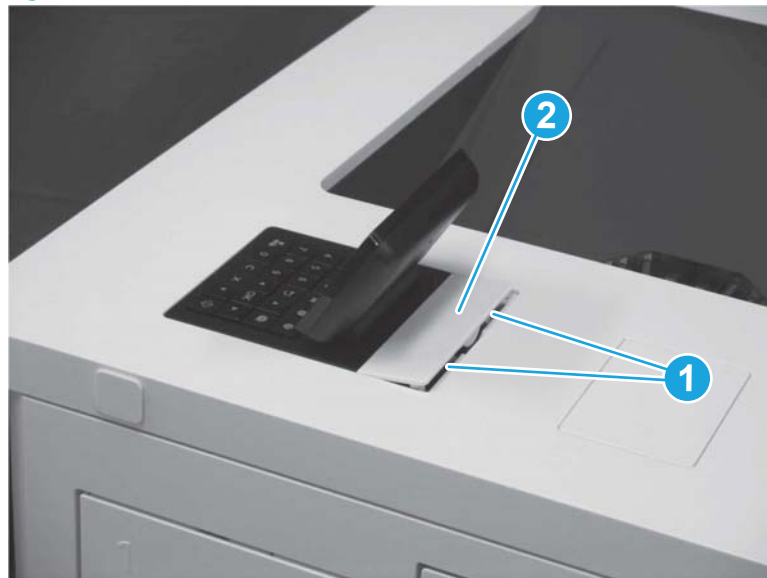


6. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2242 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2243 Remove one screw



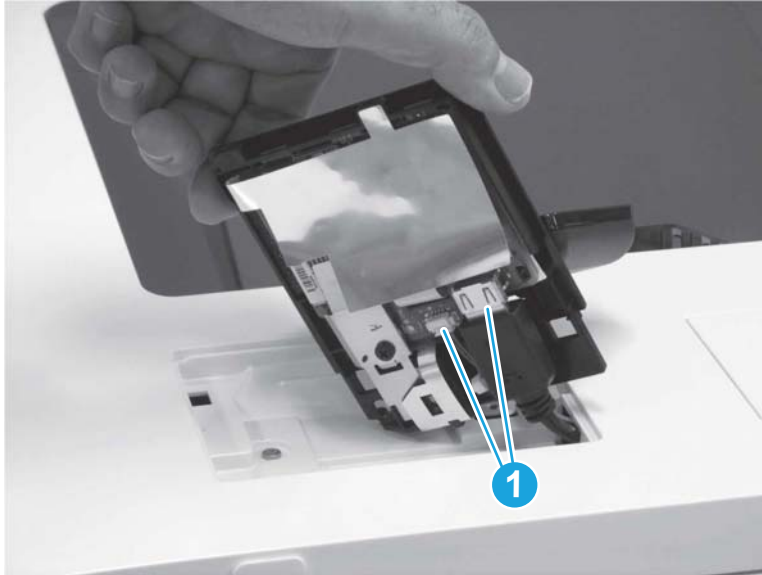
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2244 Slide the control panel back



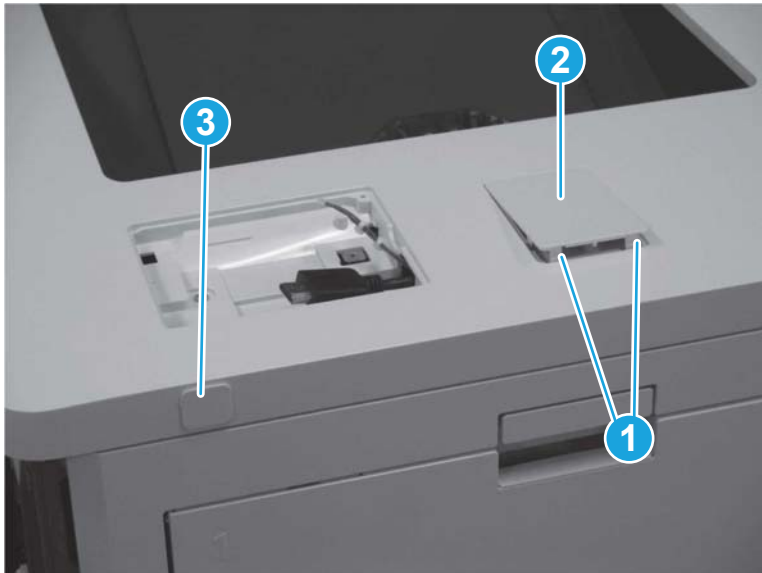
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2245 Disconnect two connectors



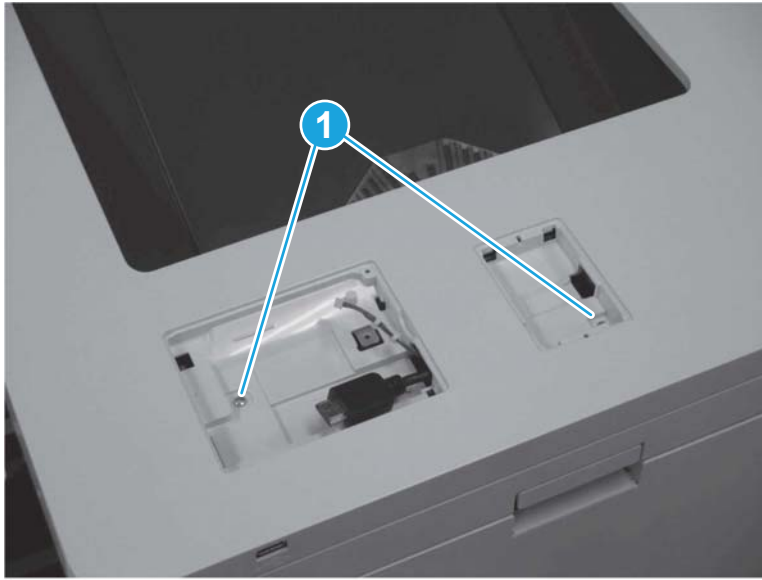
- 7. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-2246 Remove the HIP cover and USB cap



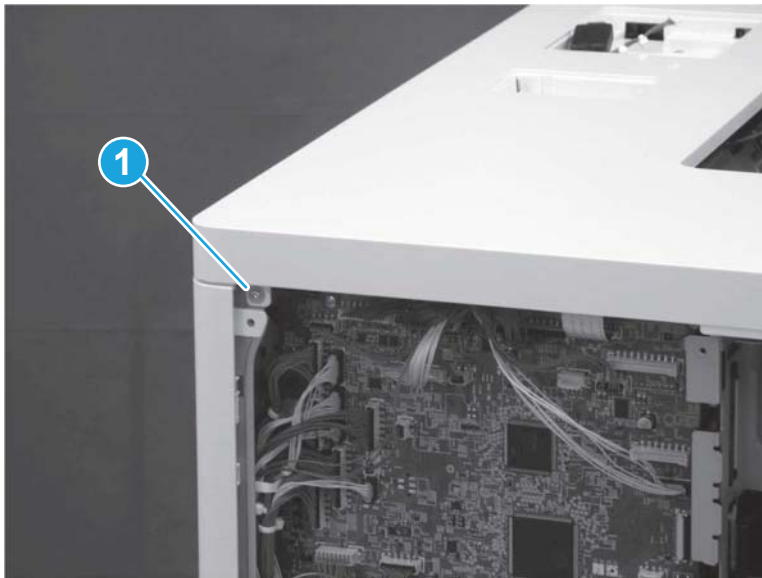
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2247 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2248 Remove one screw

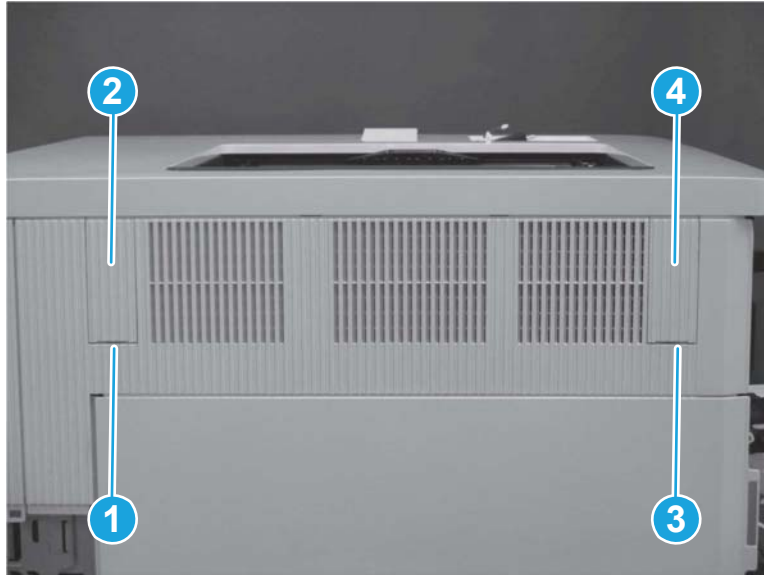


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

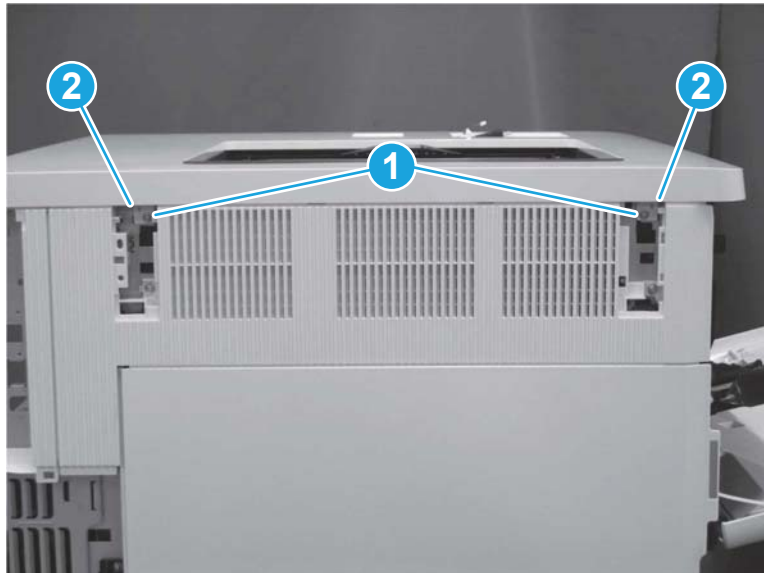
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2249** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2250** Remove two screws and release two tabs



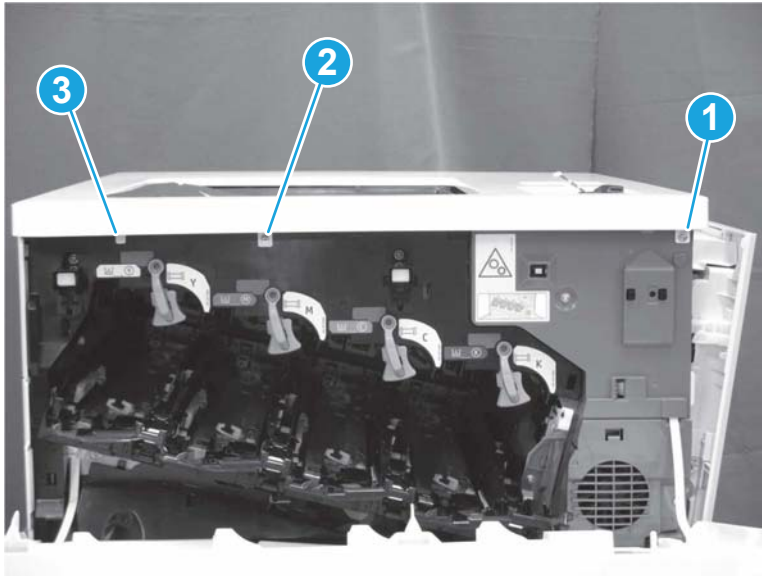
- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

---

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

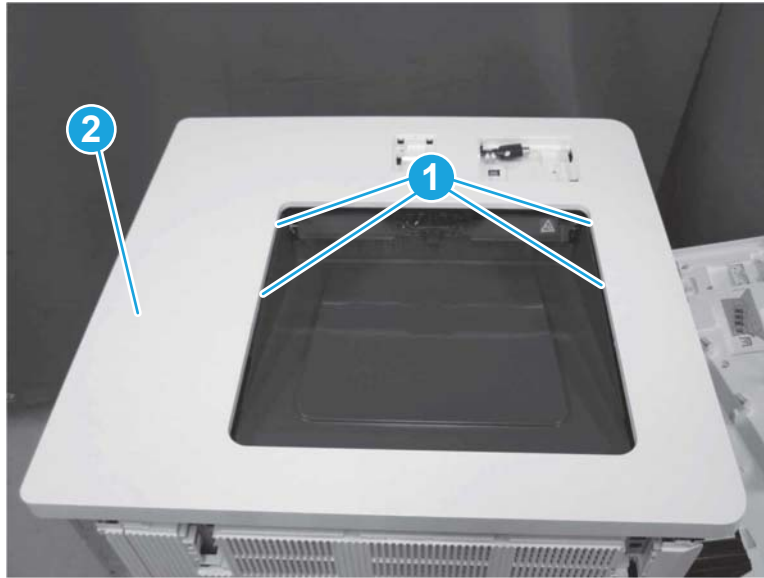
---


**Figure 1-2251** Remove two screws and release one tab

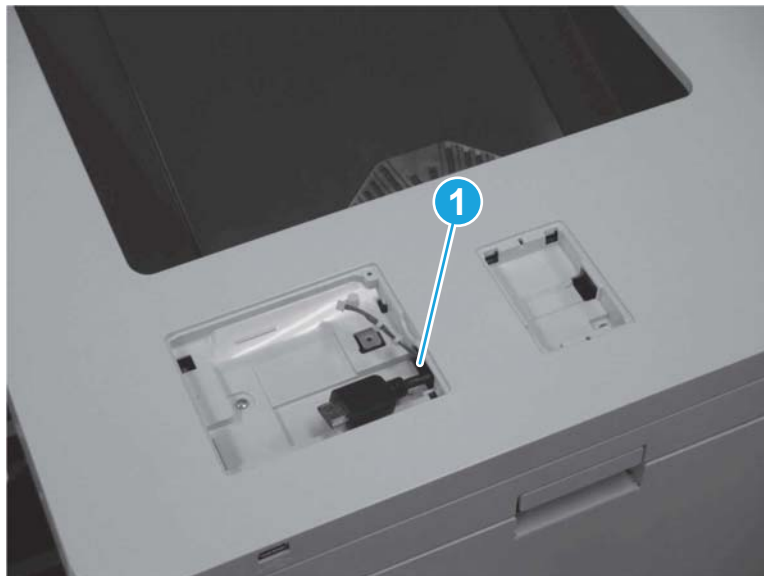


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2252 Remove the top cover

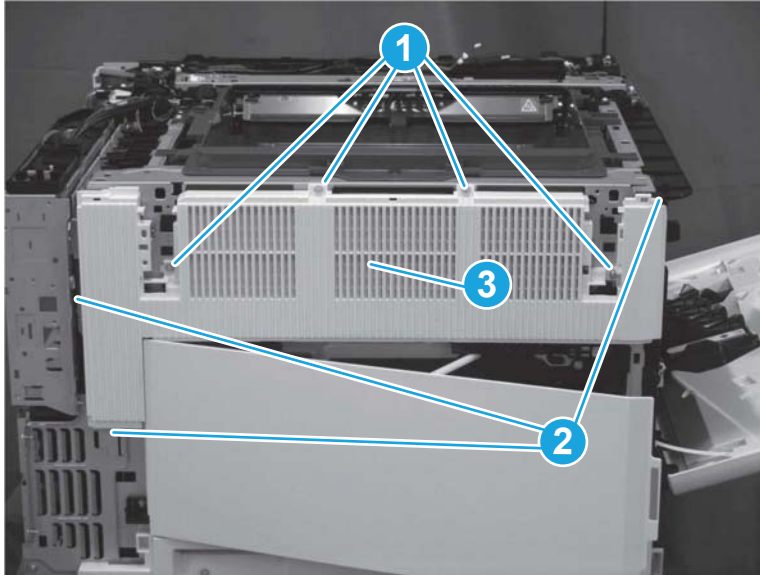


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



8. Remove the left upper cover (M751/E75245).
- ▲ Remove four screws (callout 1), release three tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2253 Remove the left upper cover



9. Remove the cartridge rear fan.
  - ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the cartridge rear fan (callout 3).


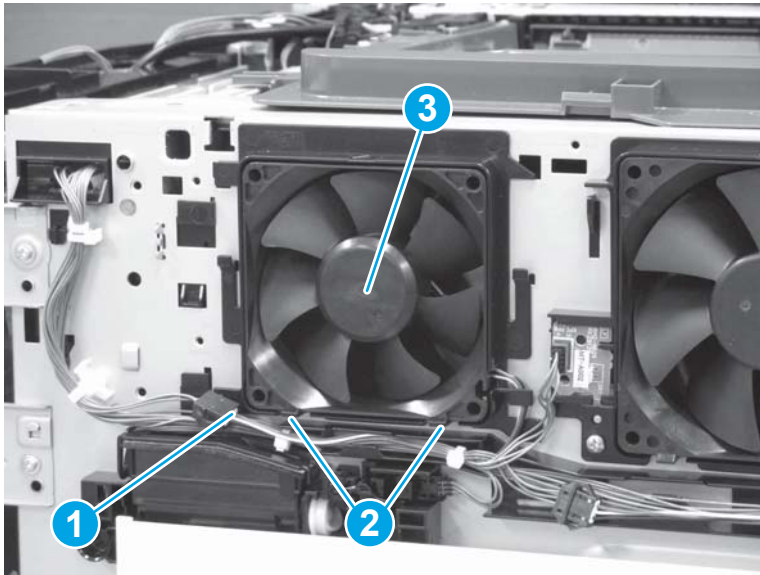
 **IMPORTANT:** When reinstalling the cartridge rear fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.

Figure 1-2254 Remove the cartridge rear fan



10. Unpack the replacement assembly.
  - a. Dispose of the defective part.




---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Cartridge rear fan (M856/E85055/M776)

Learn how to remove and replace the cartridge rear fan.

 [View a video of how to remove and replace the cartridge rear fan.](#)


Mean time to repair: 16 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-116** Part information

Part number	Part description
RK2-2276-000CN	Fan

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

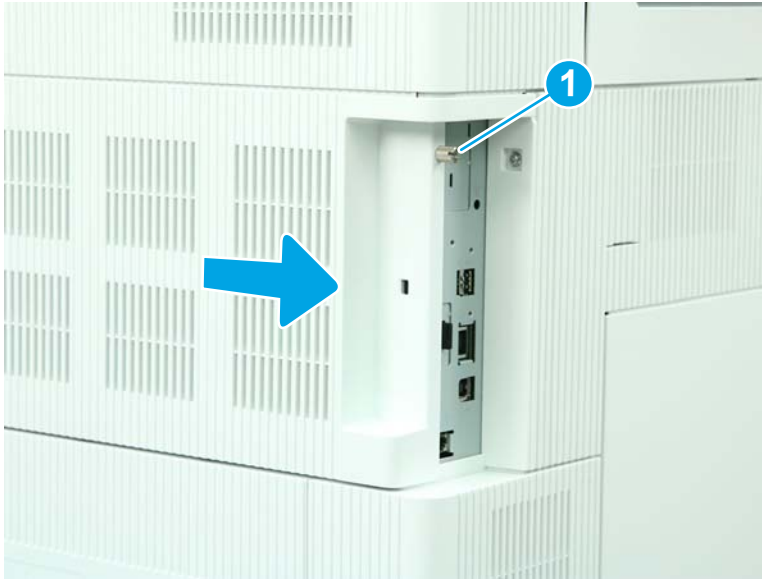
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

### 1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

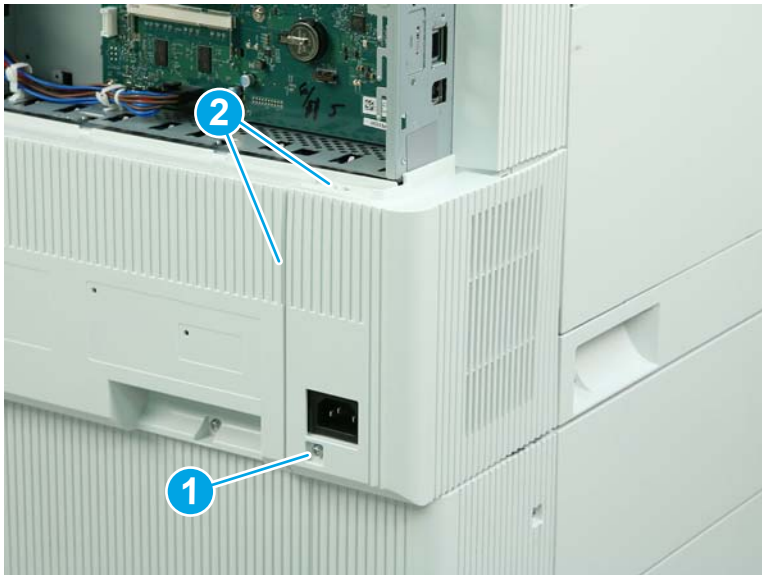
Figure 1-2255 Remove the formatter cover



### 2. Remove the left lower cover (M856/E85055/M776).

- a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2256 Remove one screw and release two tabs



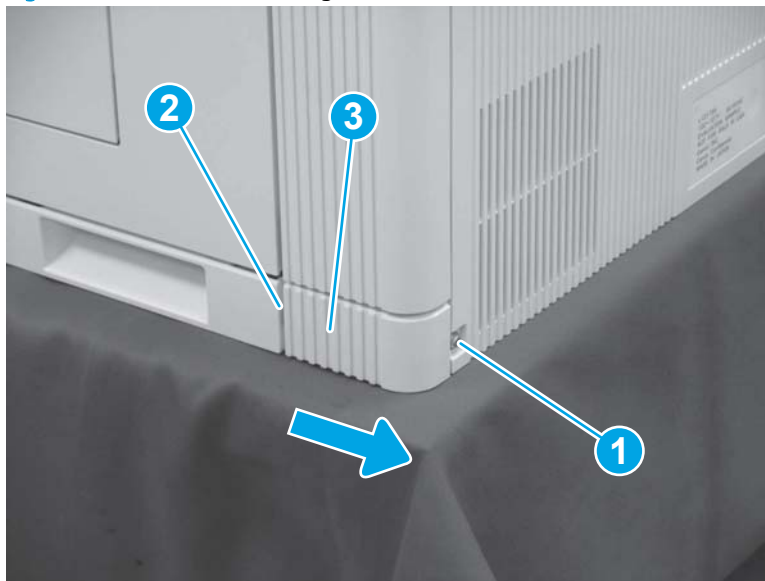
- b. Rotate the cover away from the printer to remove it.

**Figure 1-2257** Remove the left lower cover



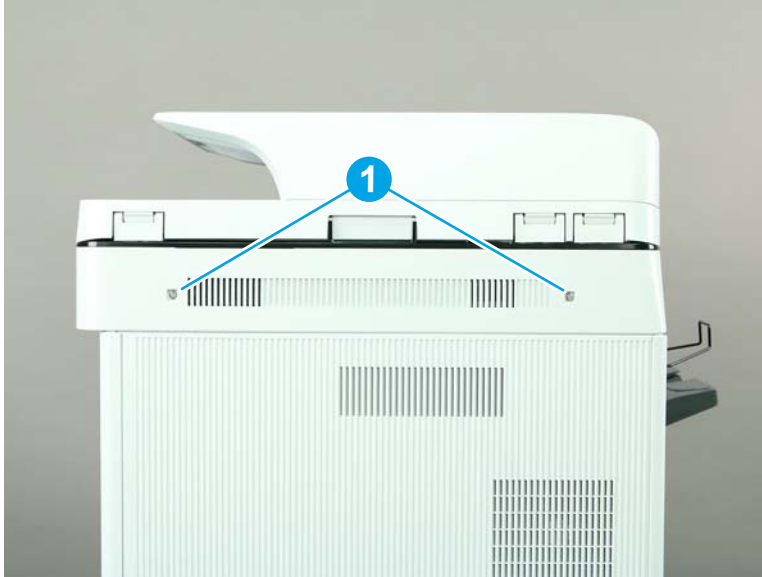
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-2258** Remove the right rear lower cover



4. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2259 Remove two screws



- b. Remove the SCB cover.

Figure 1-2260 Remove the SCB cover



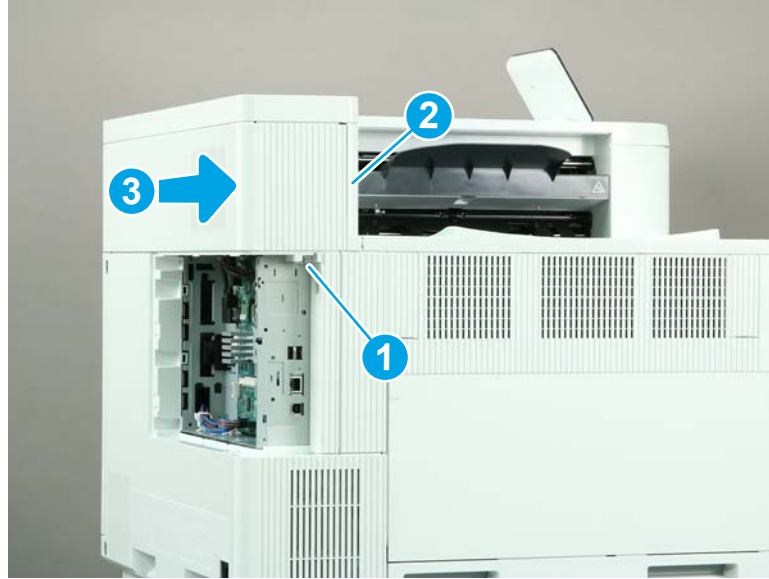
5. Remove the rear upper cover (M856/E85055/M776dn/M776z).

---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

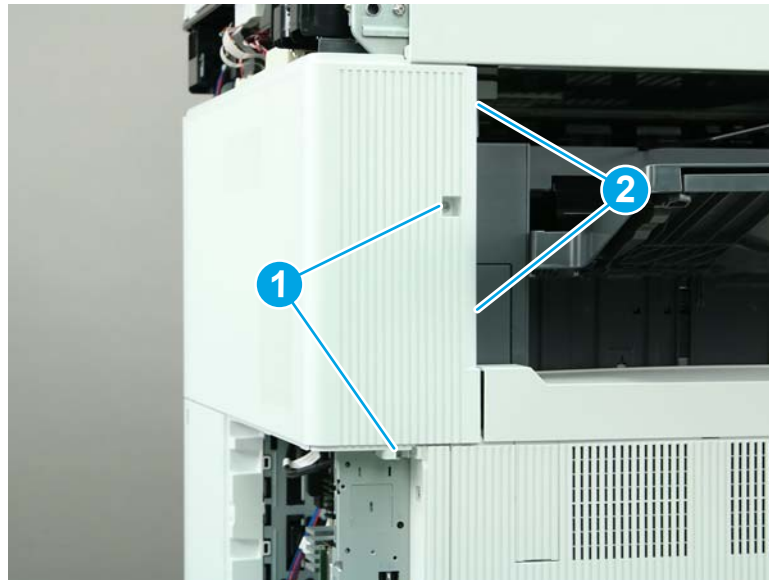
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2261 Remove the rear upper cover



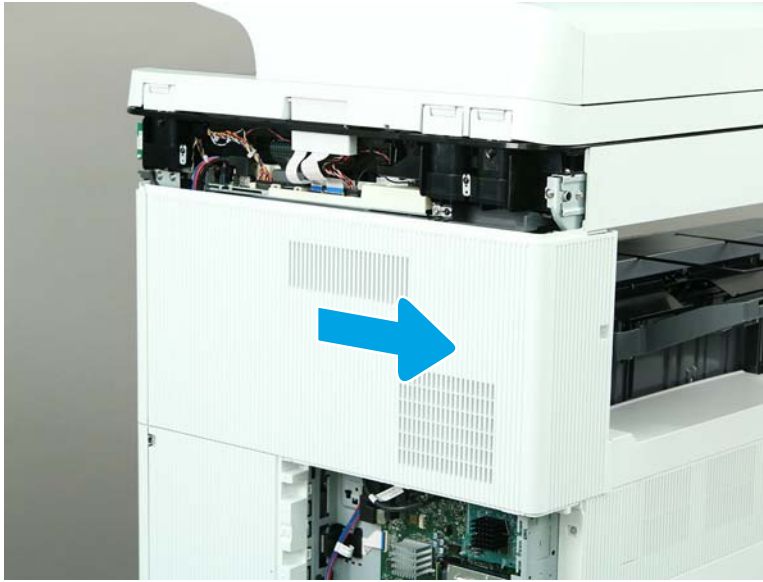
6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2262 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

Figure 1-2263 Remove the rear upper and left rear upper cover



- 7. Remove the left rear cover (M751/E75245/M856/E85055/M776).

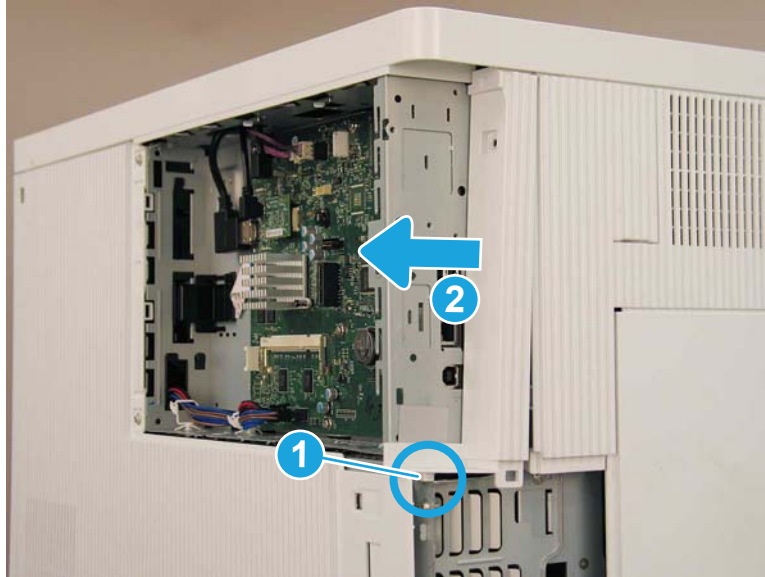
- a. Remove one screw (callout 1).

Figure 1-2264 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

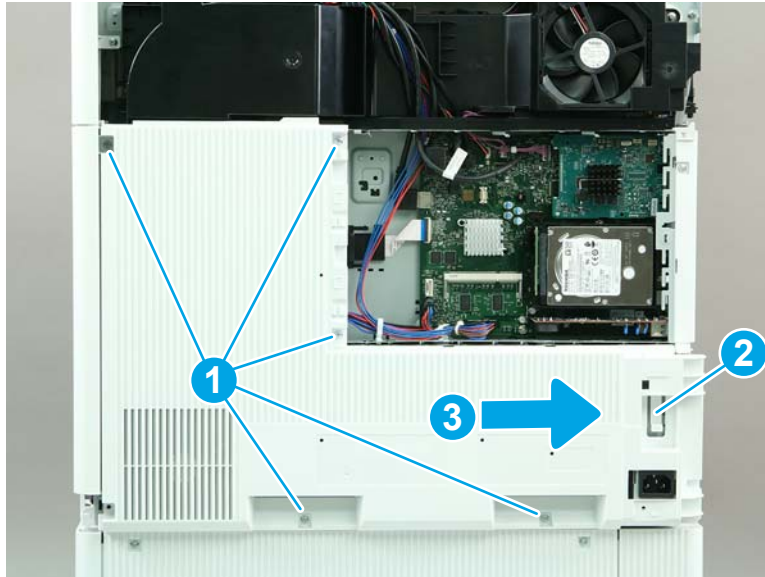
Figure 1-2265 Remove the left rear cover



- 8. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2266 Remove the rear cover (M856/E85055/M776)

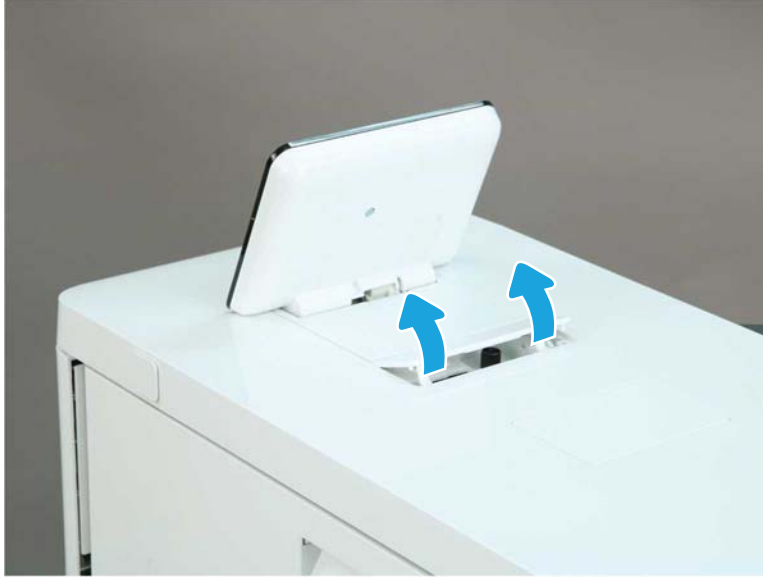


- 9. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2267 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2268 Remove one screw





- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-2269** Slide the control panel back



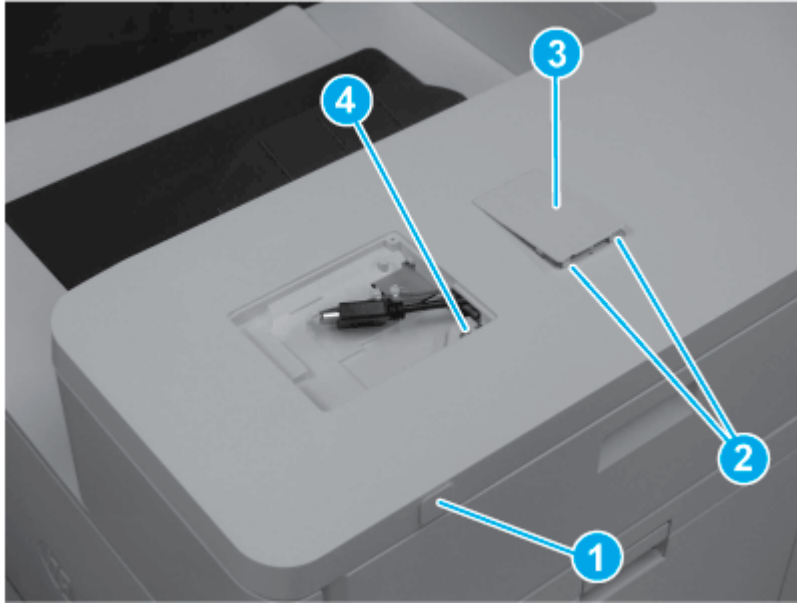
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

**Figure 1-2270** Disconnect two connectors



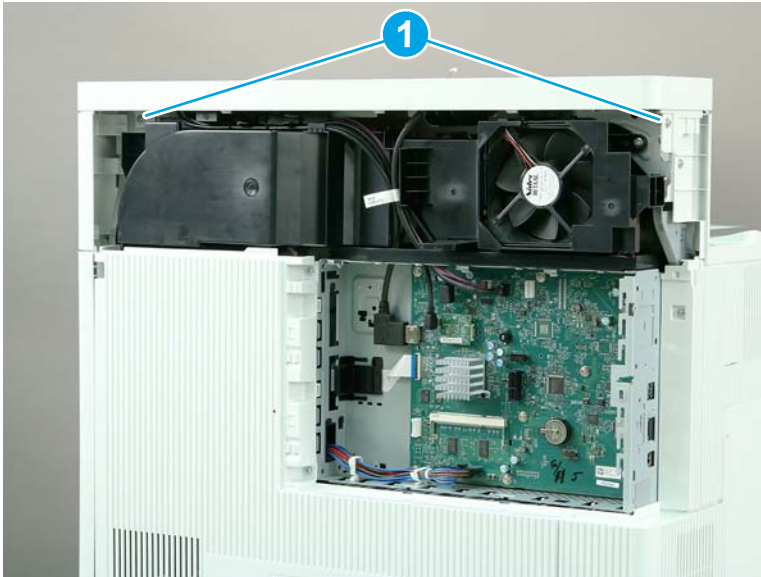
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2271 Remove covers and one screw



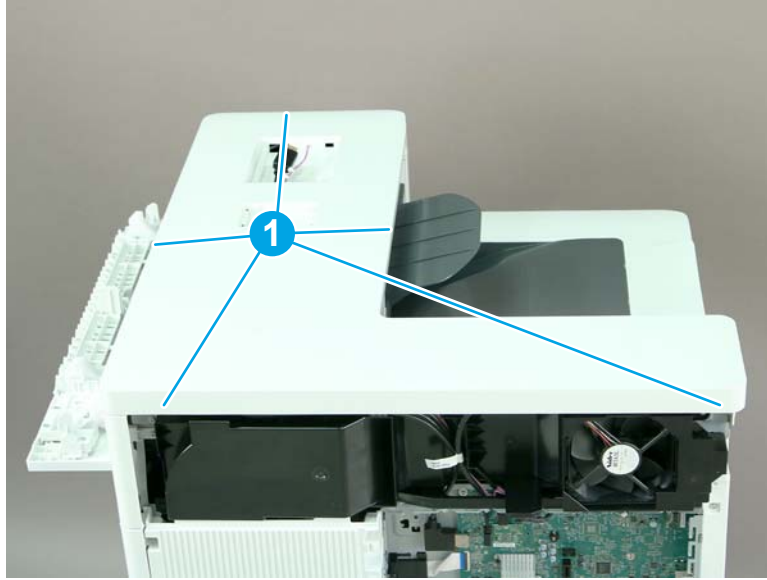
- f. Remove two screws (callout 1).

Figure 1-2272 Remove two screws



- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-2273 Release five tabs



- 10. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

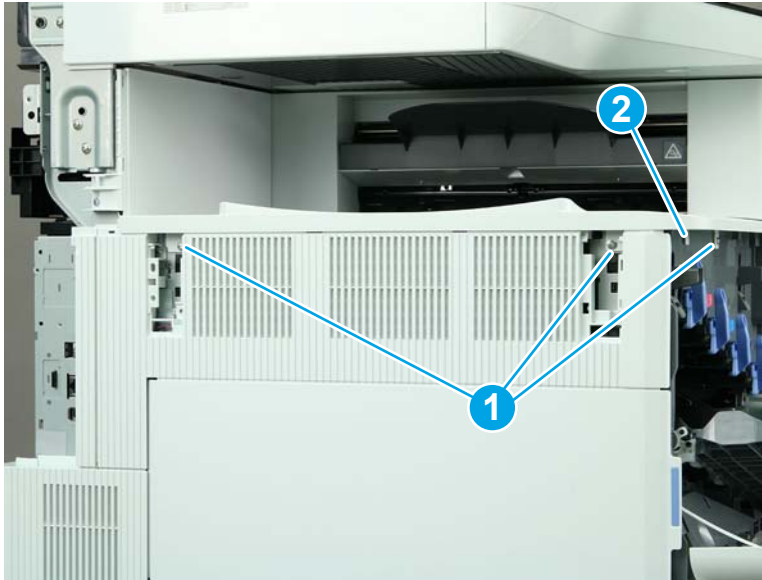
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2274 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2275 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

Figure 1-2276 Remove the accessory upper cover

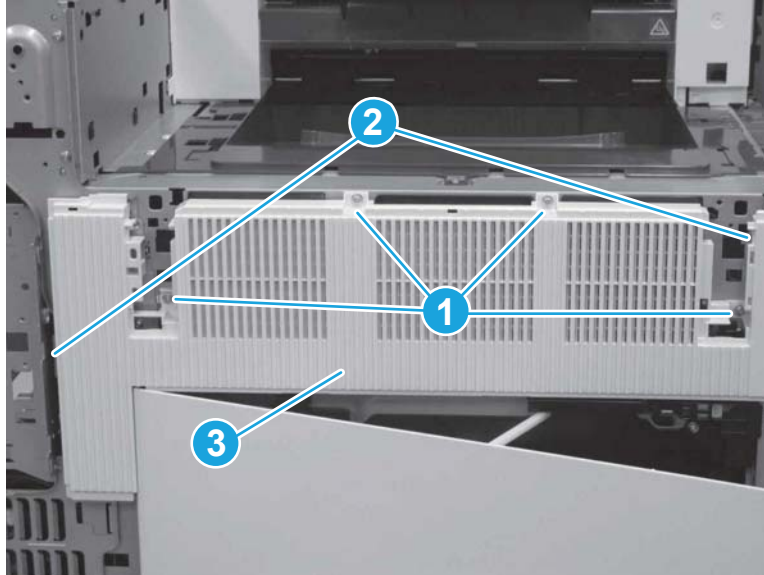


11. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2277 Remove the left upper cover



12. Remove the cartridge rear fan.

- ▲ Disconnect one connector (callout 1), release two tabs (callout 2), and then remove the cartridge rear fan (callout 3).


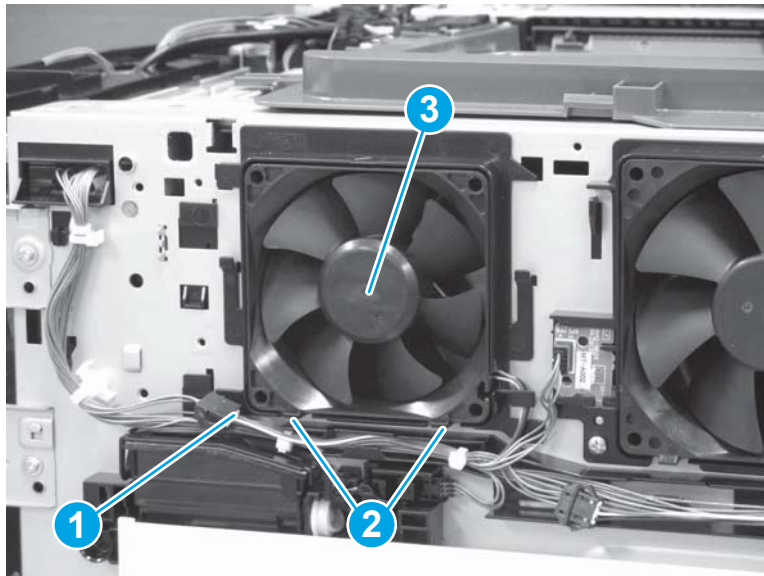
 **IMPORTANT:** When reinstalling the cartridge rear fan, make sure that the cables are installed in the guides so that the fan cover fits correctly and does not pinch any wires.

Figure 1-2278 Remove the cartridge rear fan



13. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Cartridge upper guide (M751/E75245)

Learn how to remove and replace the cartridge upper guide.

 [View a video of how to remove and replace the cartridge upper guide.](#)


Mean time to repair: 10 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-117** Part information

Part number	Part description
RM2-1343-000CN	Cartridge upper guide assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-2279** Remove the toner cartridge



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

**Figure 1-2280** Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

**Figure 1-2281** Remove the imaging drum



3. Remove the intermediate transfer belt (ITB).

- a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

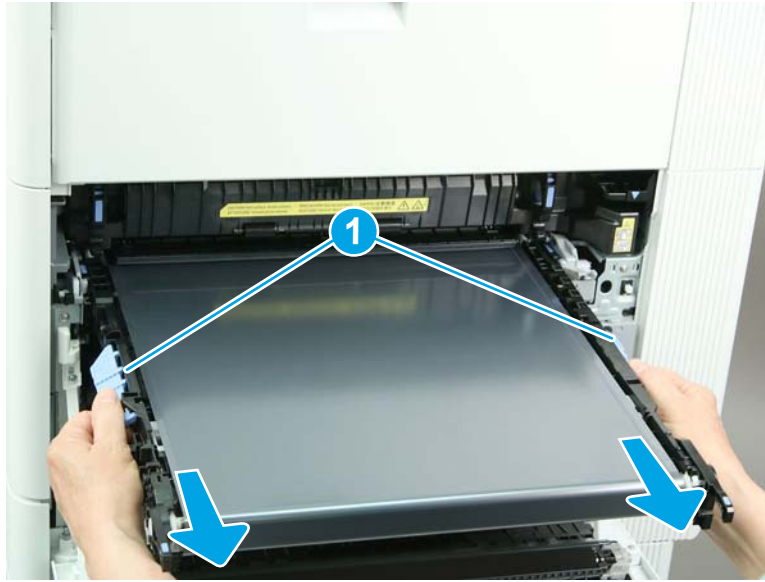
**Figure 1-2282** Partially remove the ITB





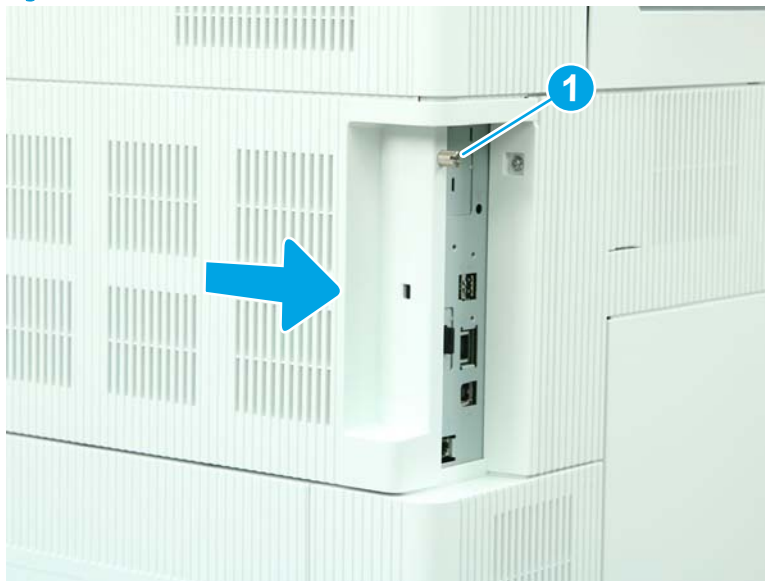
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-2283 Remove the ITB



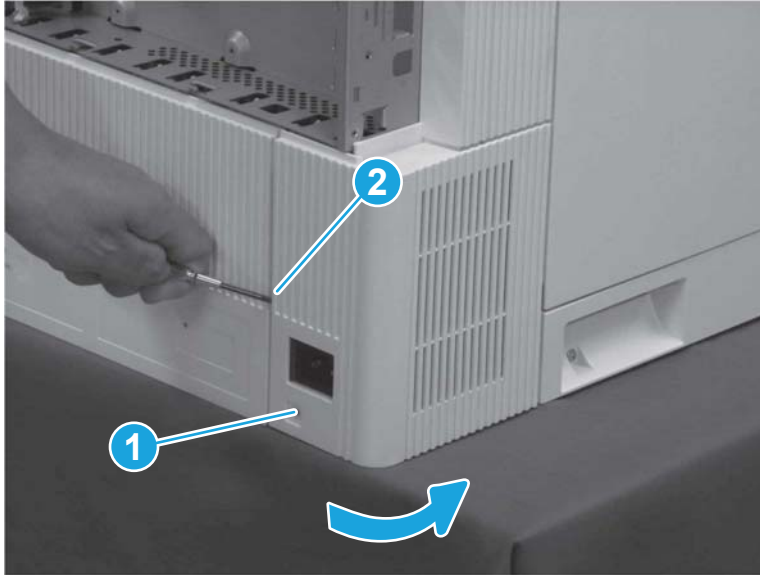
4. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2284 Remove the formatter cover



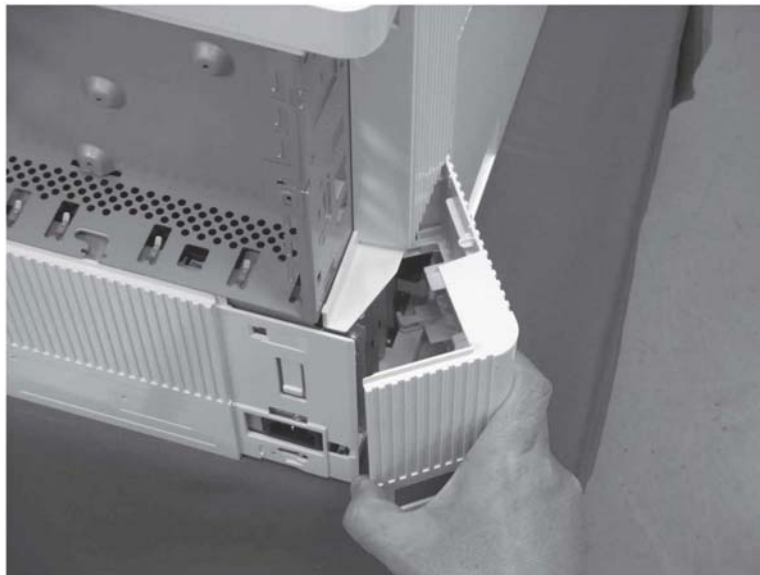
5. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2285 Remove one screw and release one tab



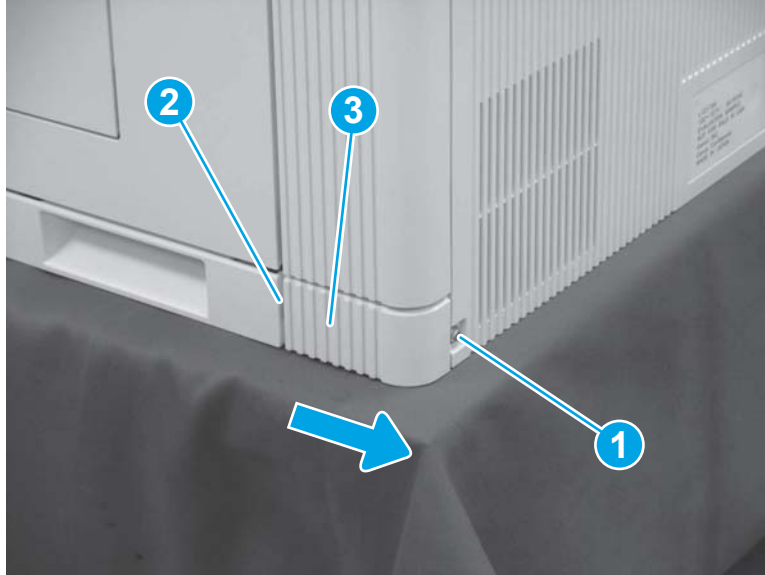
- b. Remove the left lower cover.

Figure 1-2286 Remove the left lower cover



6. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

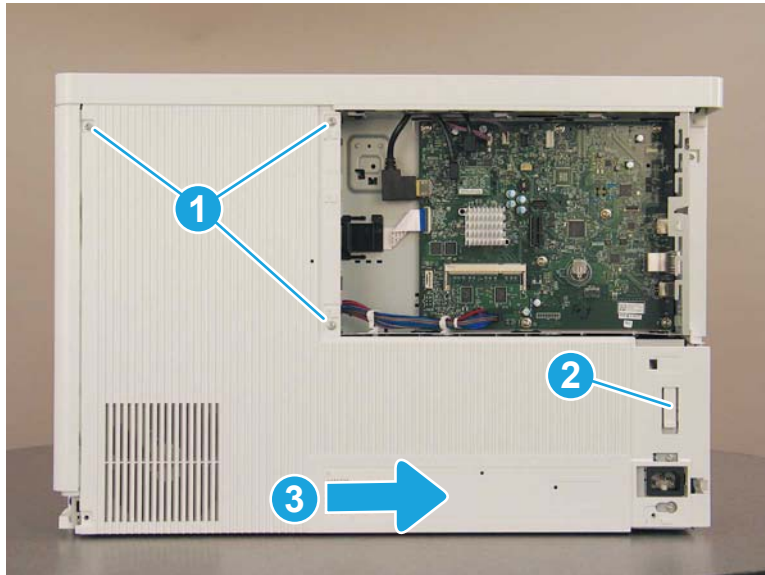
Figure 1-2287 Remove the right rear lower cover



7. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2288 Remove the rear cover

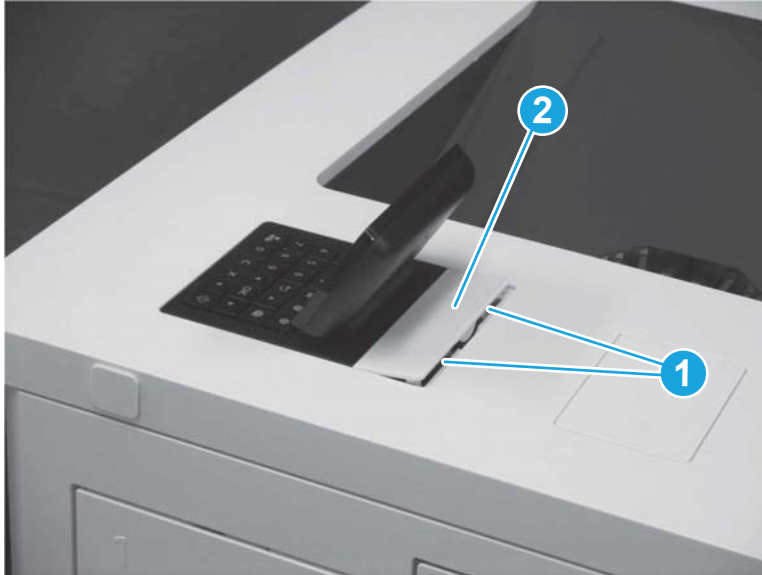


8. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2289 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2290 Remove one screw



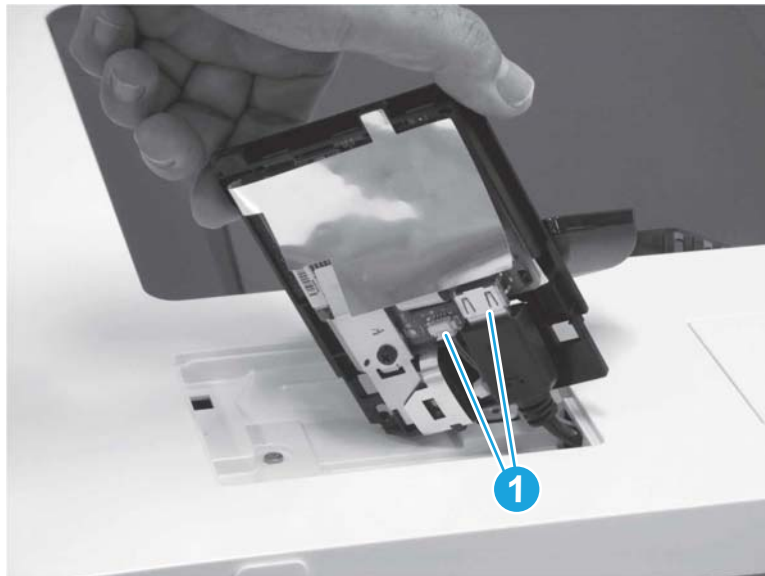
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-2291** Slide the control panel back



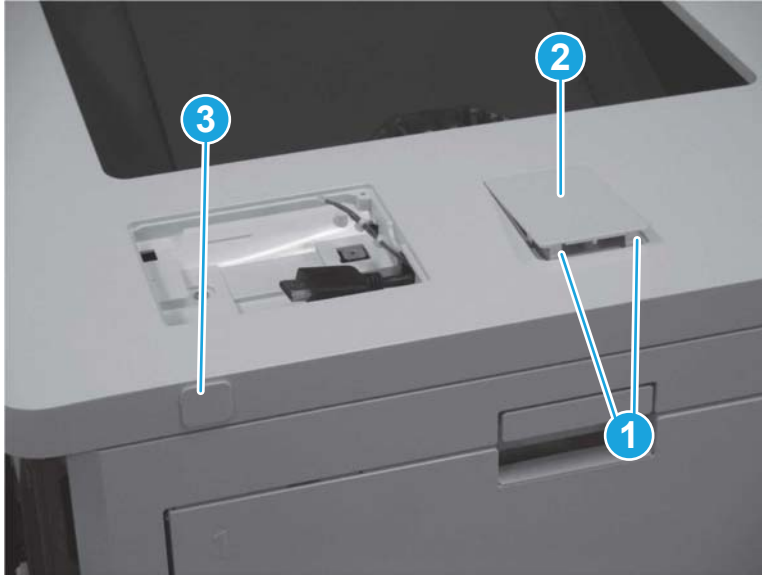
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

**Figure 1-2292** Disconnect two connectors



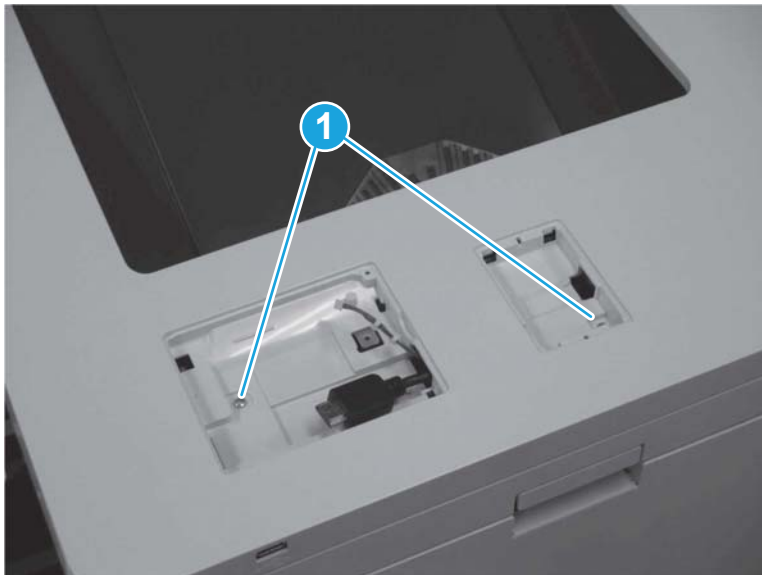
9. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-2293 Remove the HIP cover and USB cap



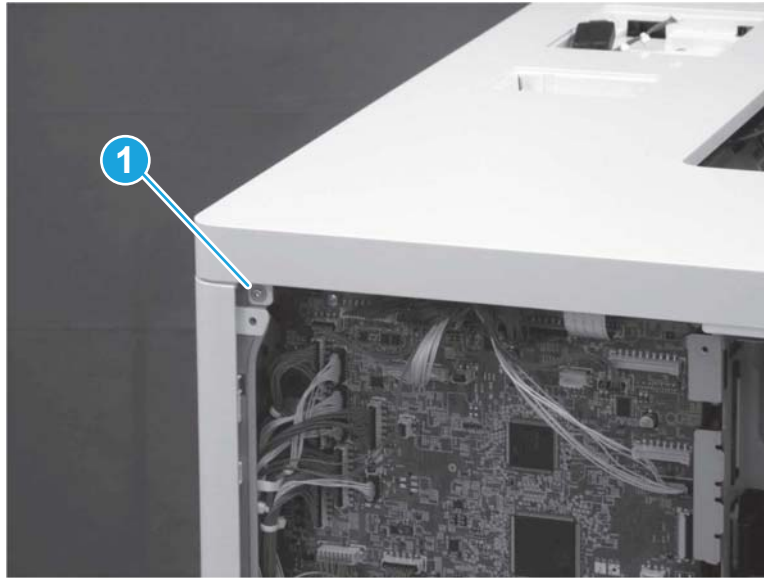
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2294 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2295 Remove one screw

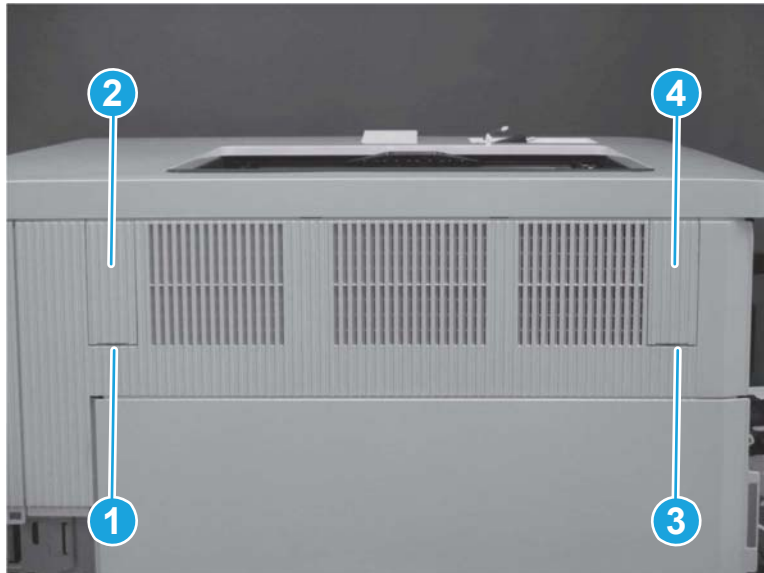


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

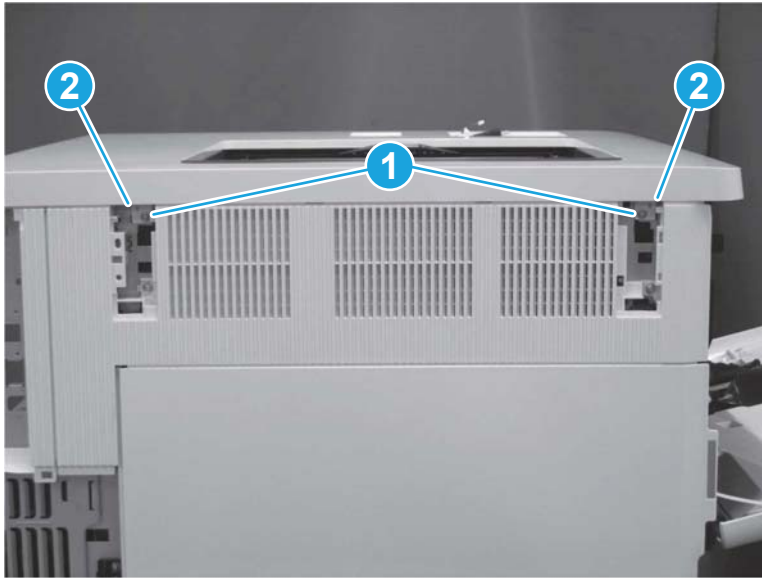
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

Figure 1-2296 Remove the left and right blanking covers



- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2297 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


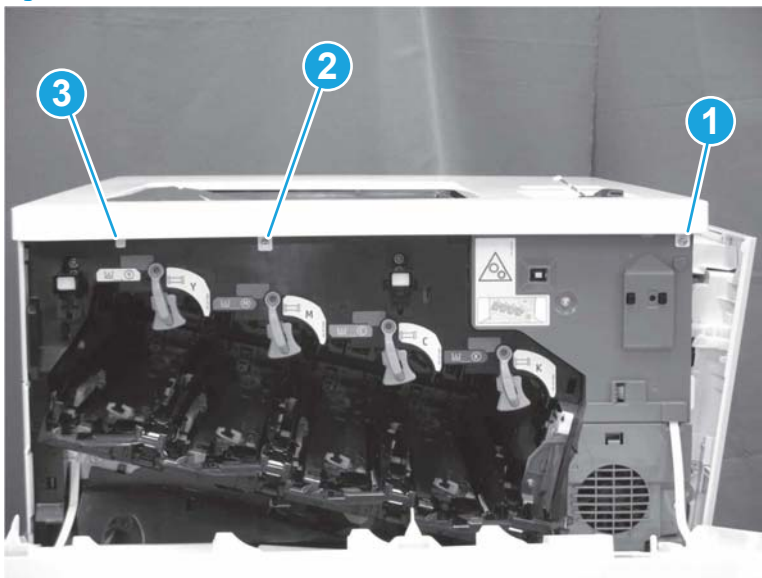
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

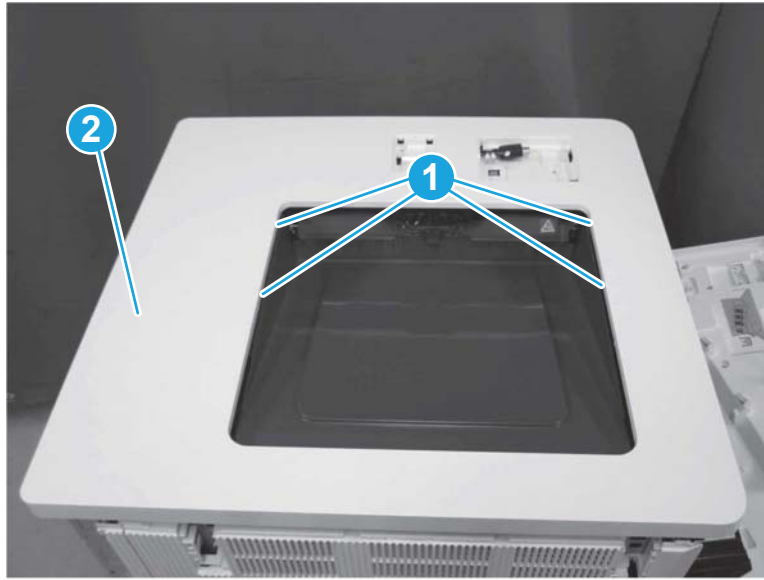
Figure 1-2298 Remove two screws and release one tab




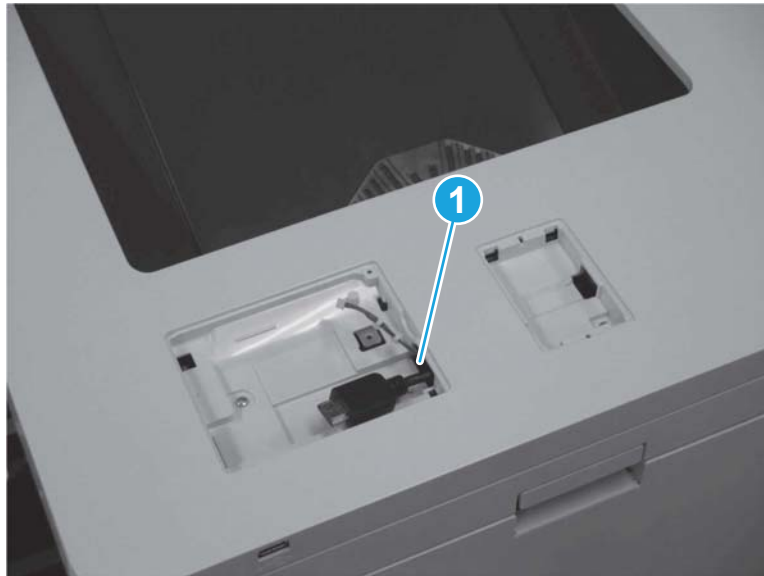


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2299 Remove the top cover



 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



10. Remove the output bin (M751/E75245).

- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).


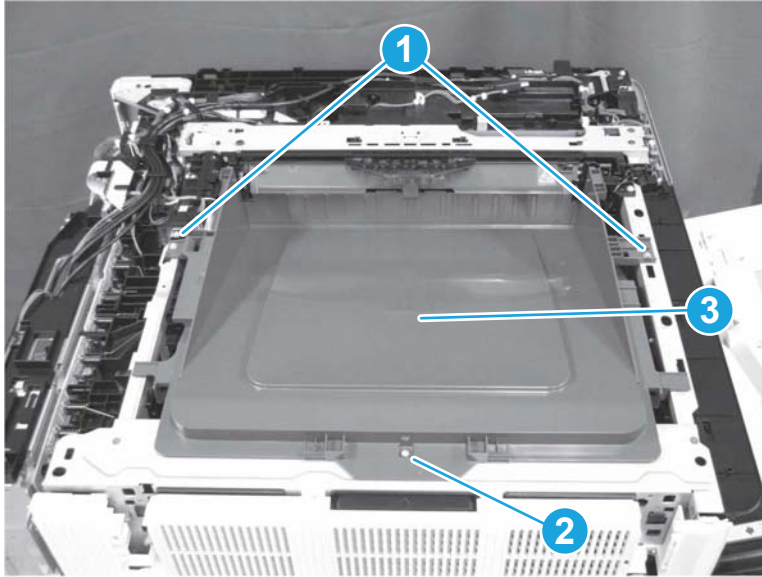
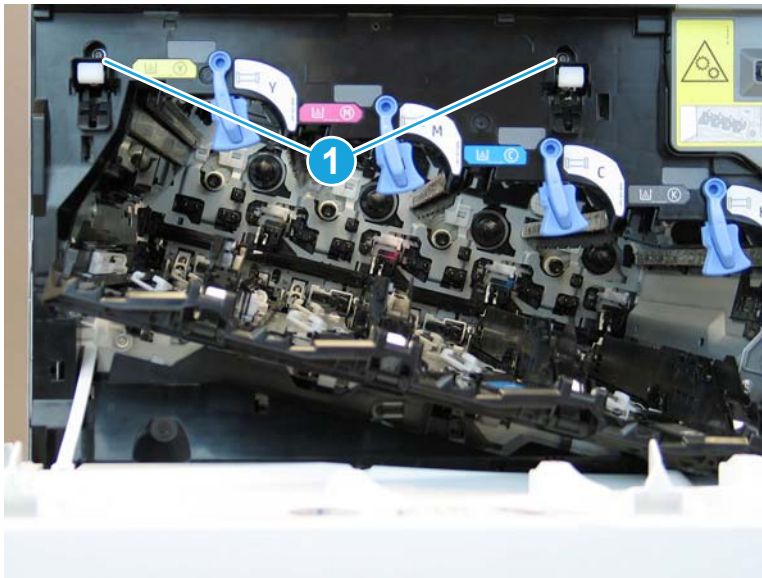
 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

Figure 1-2300 Remove the output bin



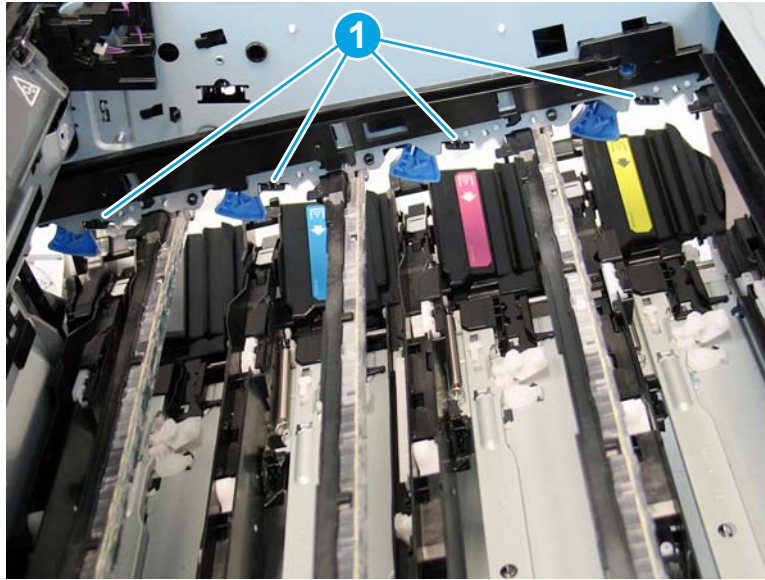
11. Remove the cartridge upper guide.
  - a. Remove two screws (callout 1).

Figure 1-2301 Remove two screws



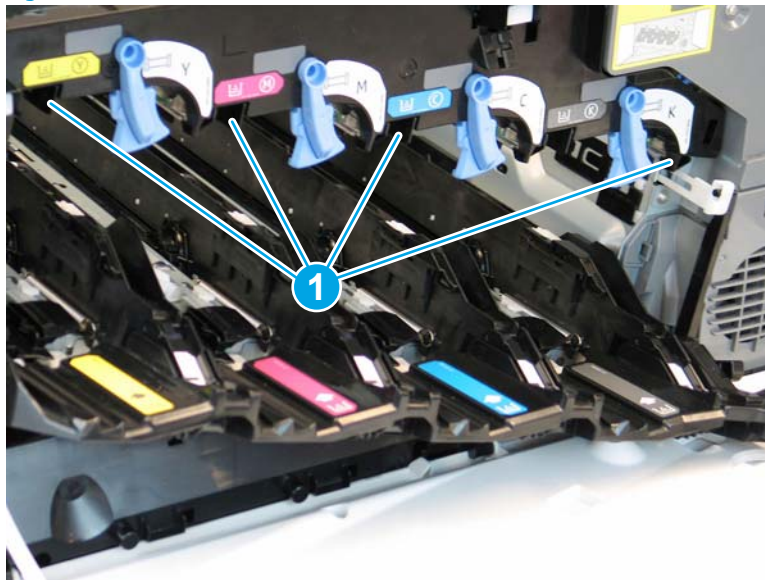
- b. Inside the printer, release four tabs (callout 1) on the back side of the cartridge guide.

Figure 1-2302 Release four tabs



- c. Release four tabs (callout 1), and then remove the cartridge upper guide.


Figure 1-2303 Release four tabs



- 12. Unpack the replacement assembly.

- a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Cartridge upper guide (M856/E85055/M776dn/M776z)

Learn how to remove and replace the cartridge upper guide.

 [View a video of how to remove and replace the cartridge upper guide.](#)


Mean time to repair: 10 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-118** Part information

Part number	Part description
RM2-1343-000CN	Cartridge upper guide assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-2304** Remove the toner cartridge



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

**Figure 1-2305** Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

Figure 1-2306 Remove the imaging drum



3. Remove the intermediate transfer belt (ITB).

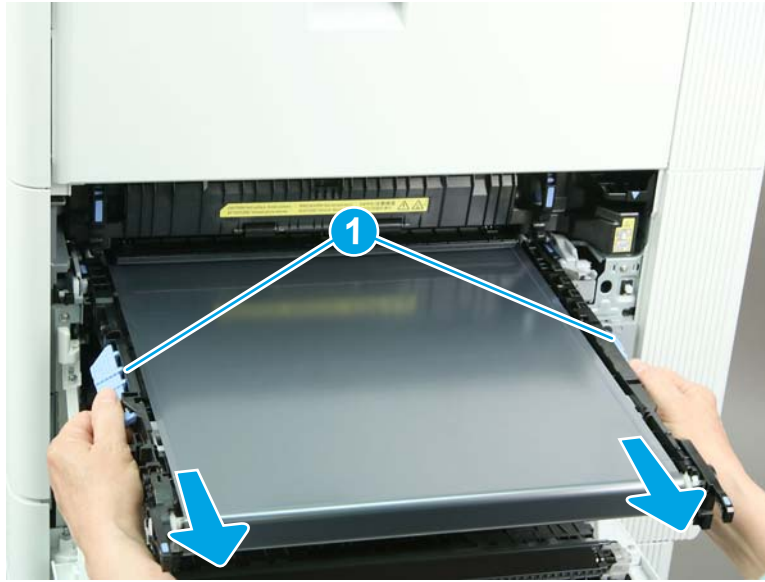
- a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2307 Partially remove the ITB



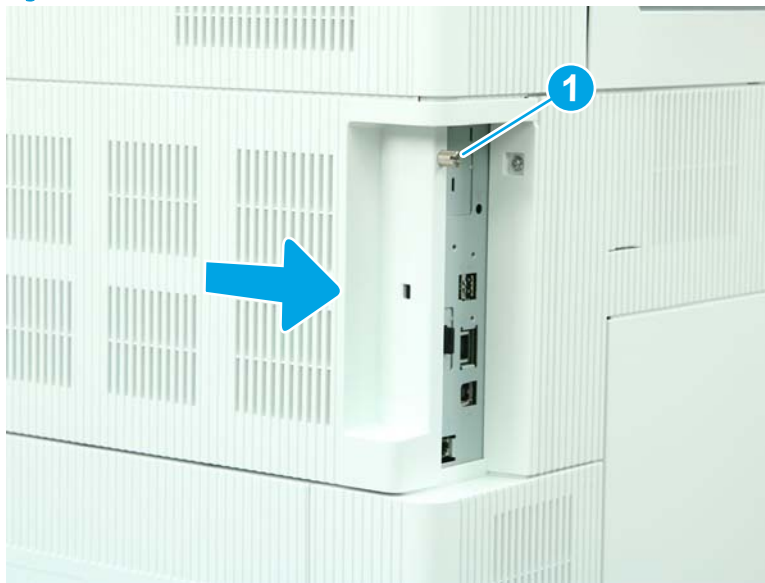
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

**Figure 1-2308** Remove the ITB



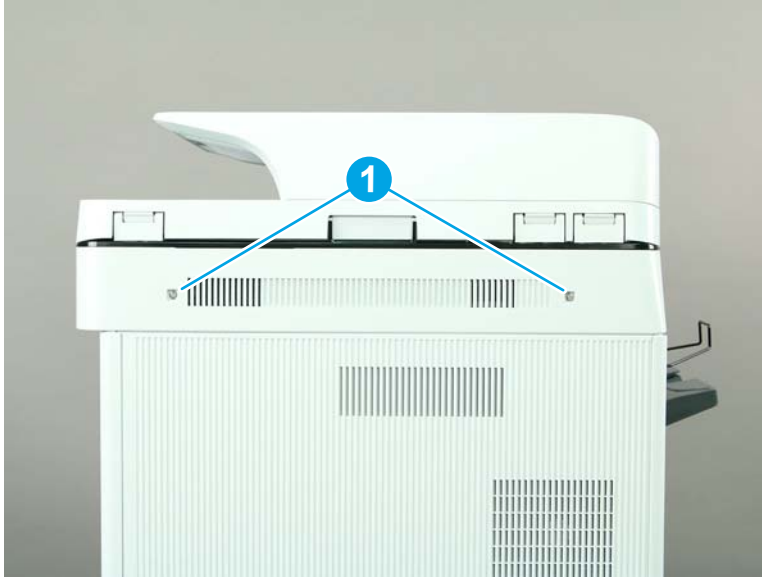
4. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

**Figure 1-2309** Remove the formatter cover



5. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2310 Remove two screws



- b. Remove the SCB cover.

Figure 1-2311 Remove the SCB cover



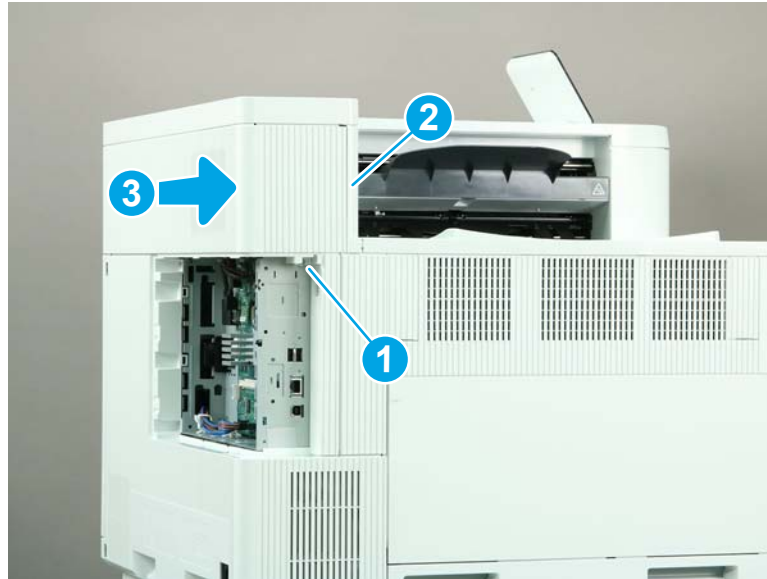
6. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).



Figure 1-2312 Remove the rear upper cover



7. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

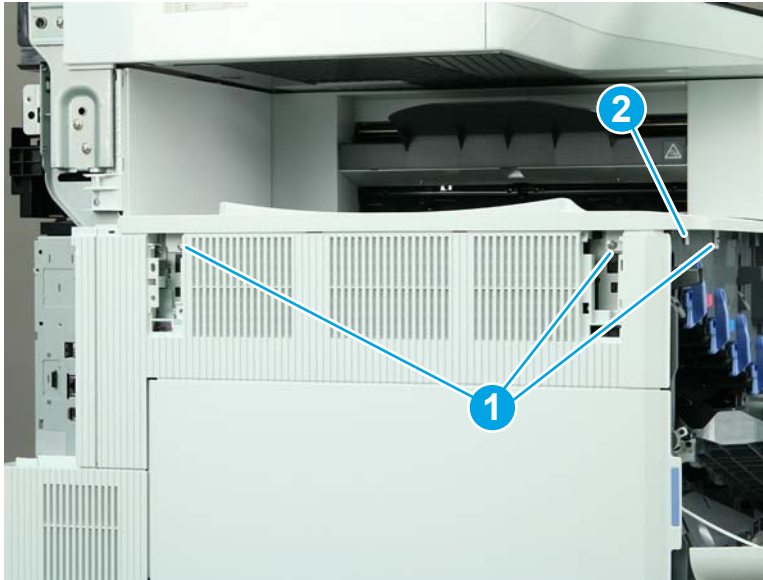
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2313 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2314 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

Figure 1-2315 Remove the accessory upper cover

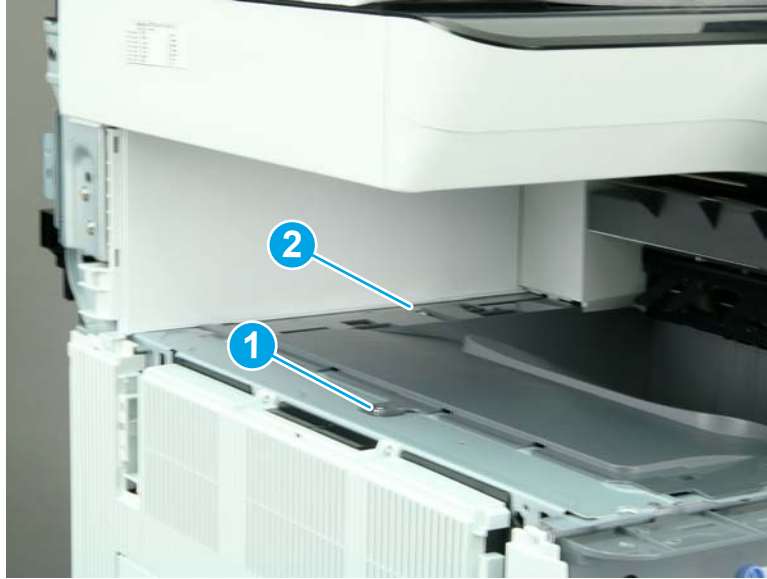


- 8. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-2316 Remove two screws



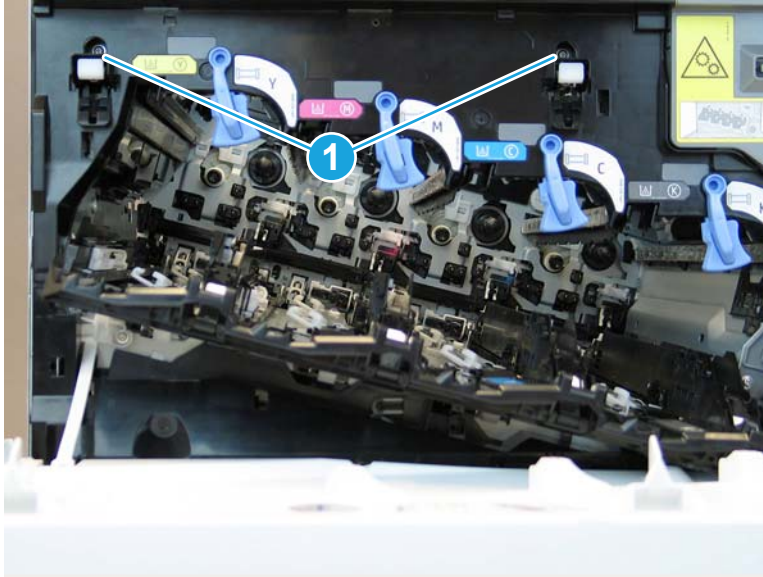
- b. Remove the output bin.

Figure 1-2317 Remove the output bin



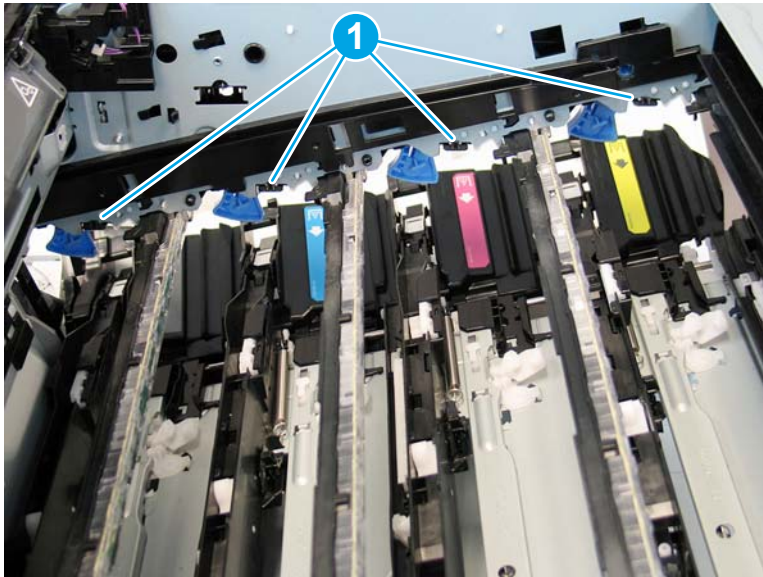
- 9. Remove the cartridge upper guide.
  - a. Remove two screws (callout 1).

Figure 1-2318 Remove two screws



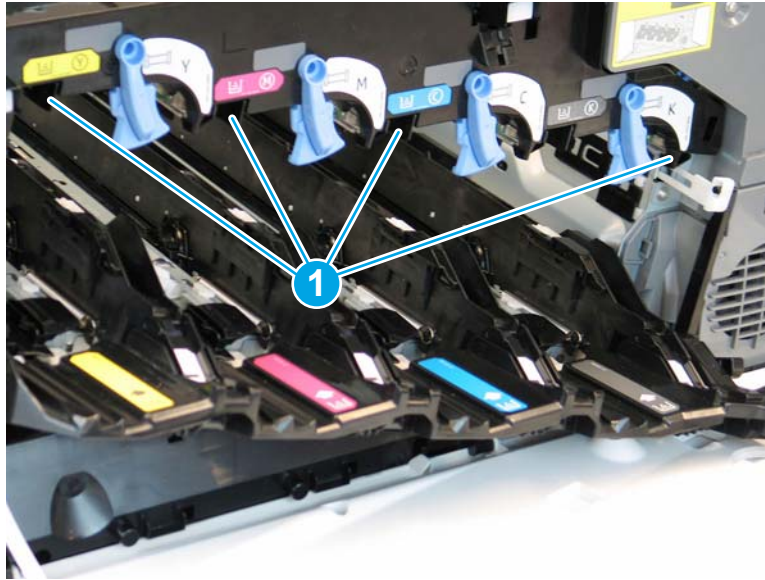
- b. Inside the printer, release four tabs (callout 1) on the back side of the cartridge guide.

Figure 1-2319 Release four tabs



- c. Release four tabs (callout 1), and then remove the cartridge upper guide.

**Figure 1-2320** Release four tabs



10. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Cartridge upper guide (M776zs)

Learn how to remove and replace the cartridge upper guide.

Mean time to repair: 10 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.



**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-119** Part information

Part number	Part description
RM2-1343-000CN	Cartridge upper guide assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-2321** Remove the toner cartridge



2. Remove the imaging drums.

- a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

**Figure 1-2322** Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

**Figure 1-2323** Remove the imaging drum



3. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2324 Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

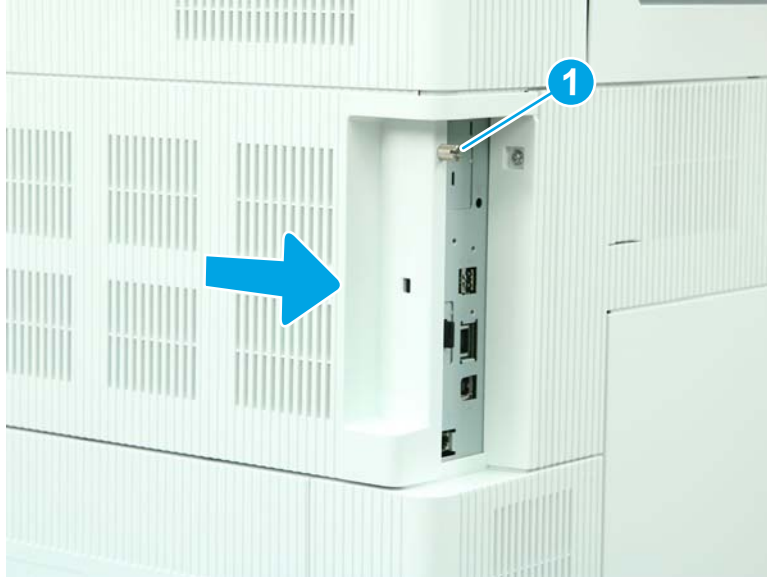
Figure 1-2325 Remove the ITB



- 4. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

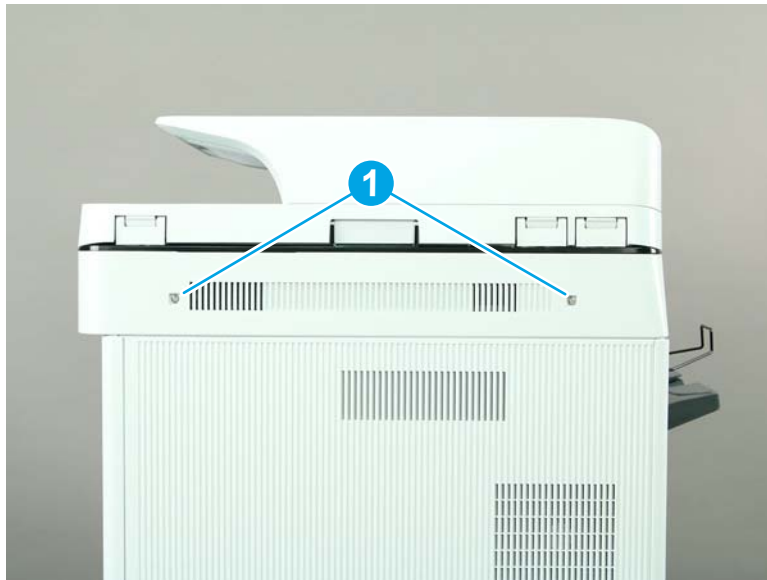


Figure 1-2326 Remove the formatter cover



5. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2327 Remove two screws



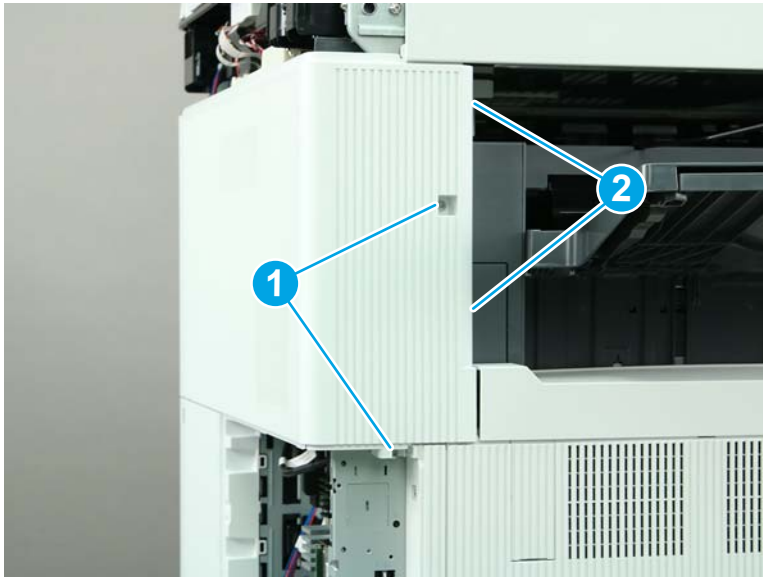
- b. Remove the SCB cover.

Figure 1-2328 Remove the SCB cover



- 6. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2329 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-2330** Remove the rear upper and left rear upper cover



- 7. Remove the front cover (M776zs).

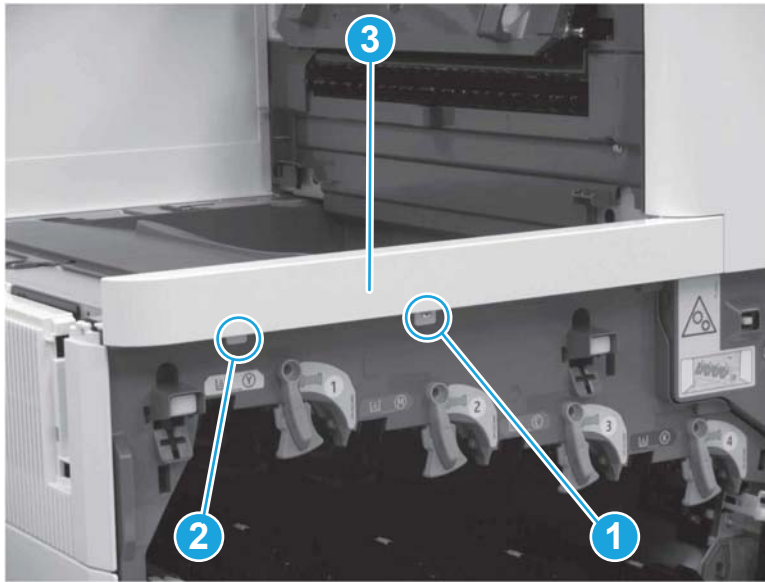
- a. Open the front door.

**Figure 1-2331** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-2332 Remove the front cover



8. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-2333 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-2334** Release the control panel cover



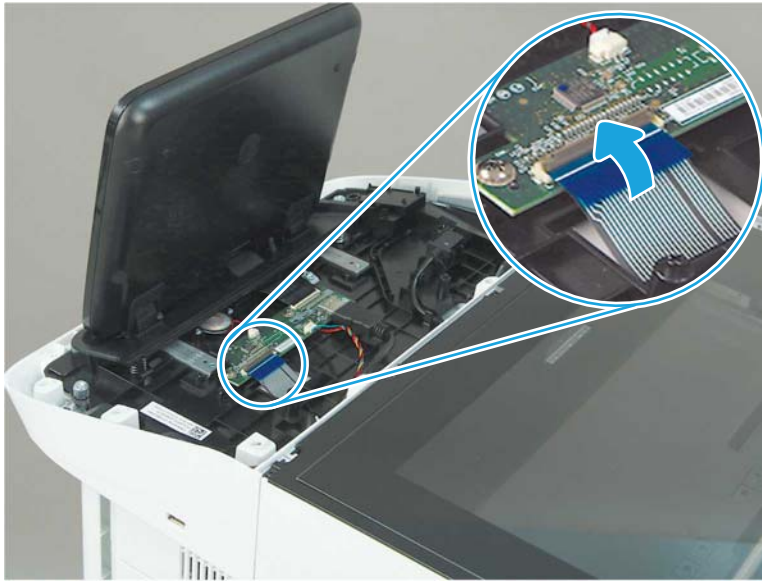
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-2335** Remove the control panel cover



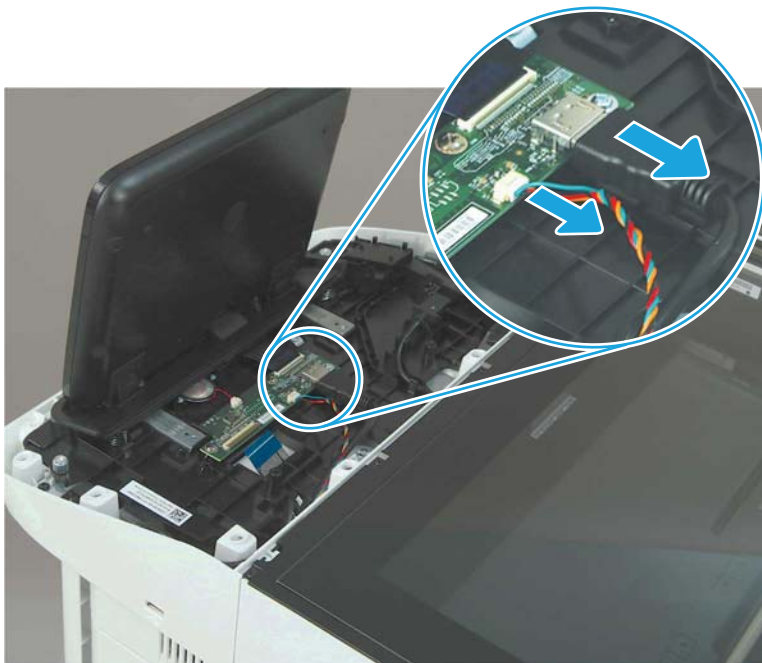
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-2336** Release the keyboard flat cable (M776z/M776zs)



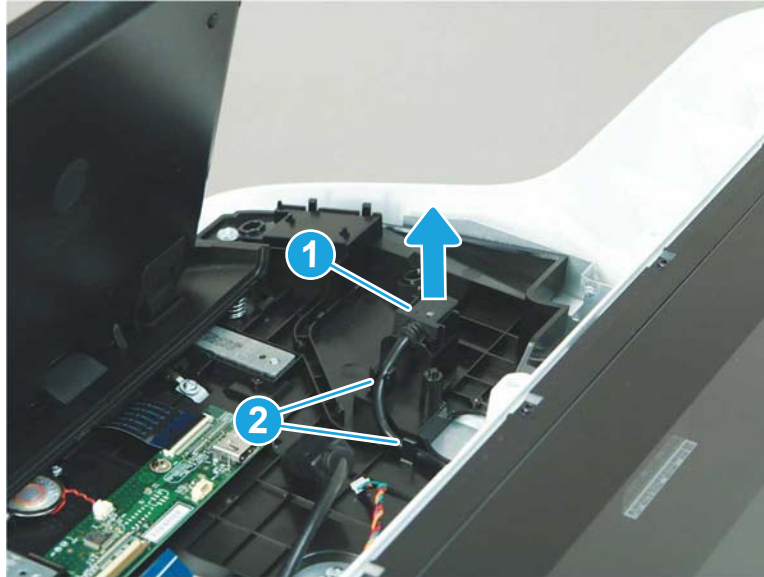
- e. Disconnect two connectors

**Figure 1-2337** Disconnect two connectors



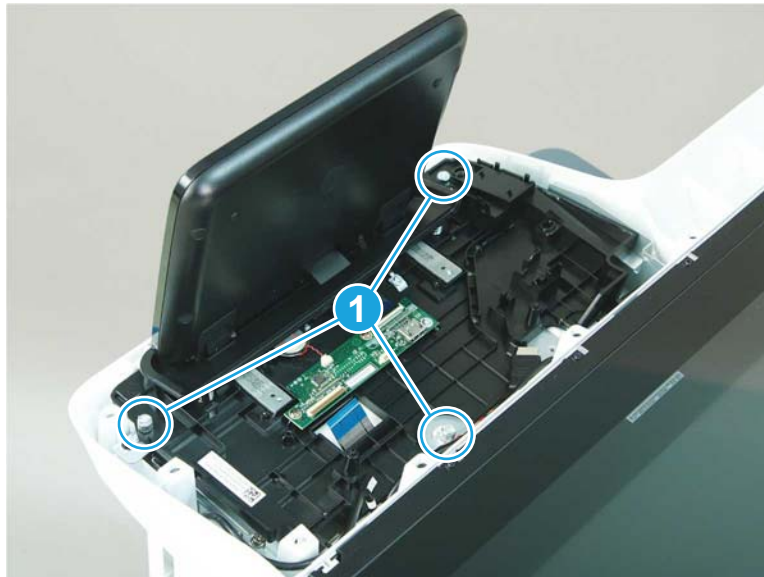
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-2338 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-2339 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-2340 Remove the control panel



- 9. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

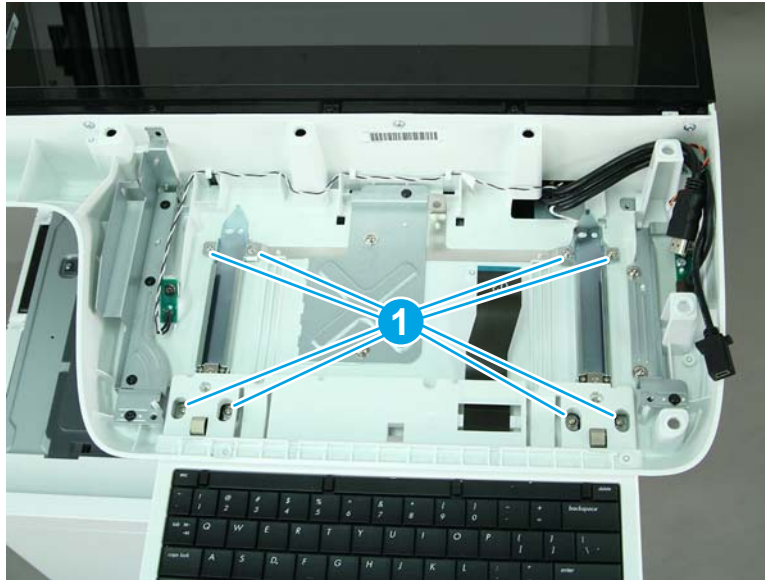
Figure 1-2341 Pull the keyboard out





- b. Remove eight screws (callout 1).

Figure 1-2342 Remove eight screws



- c. Remove the keyboard and rails.

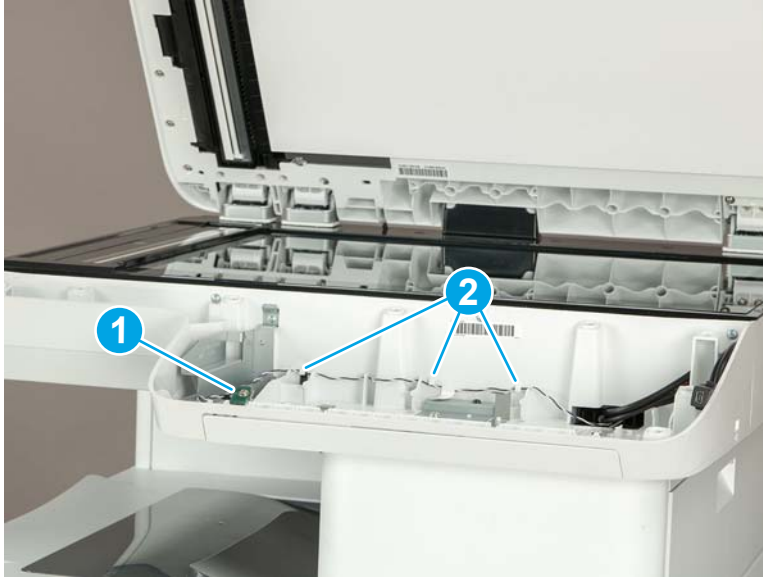
Figure 1-2343 Remove the keyboard and rails



10. Remove the nose cone (M776).

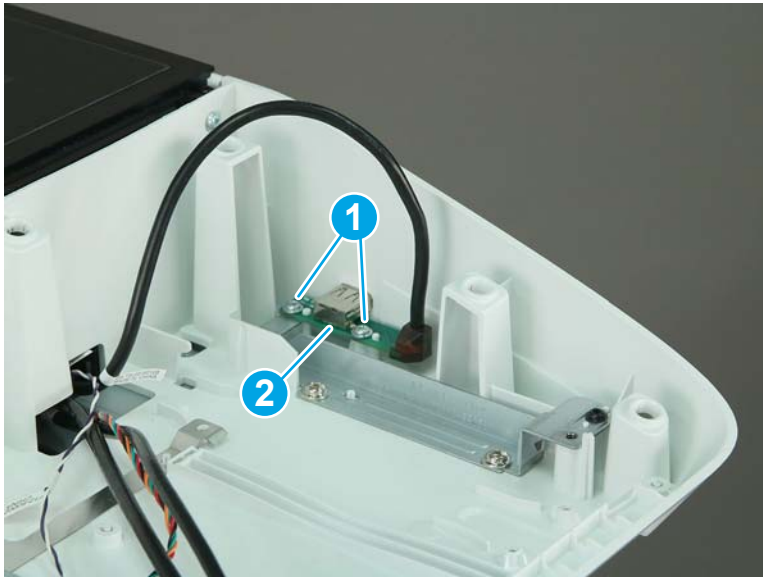
- a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-2344 Release the light PCA



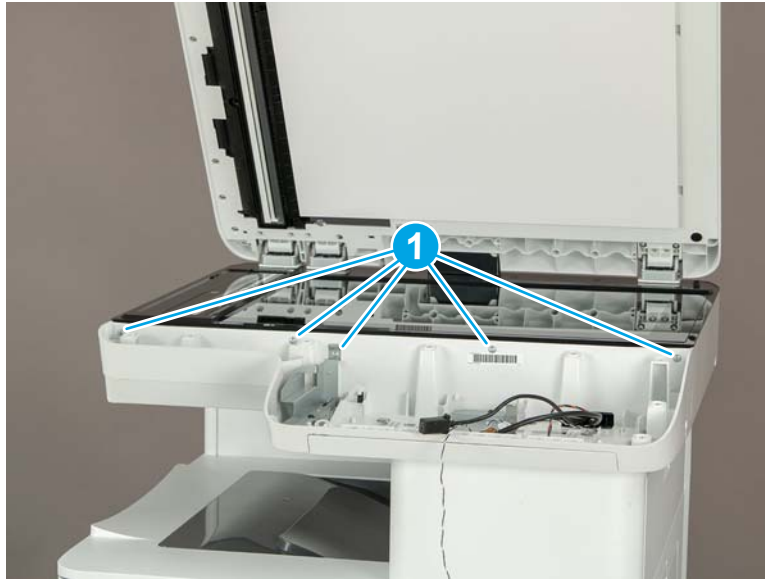
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-2345 Release the USB port PCA



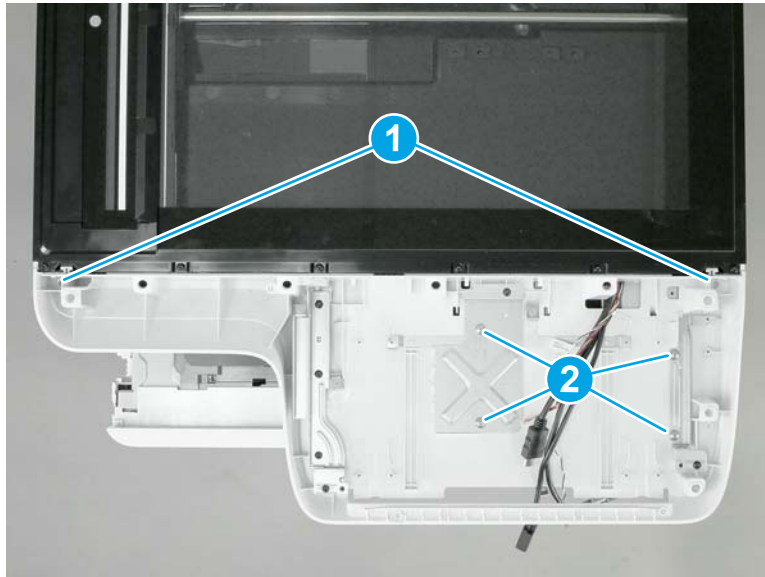
- c. Remove five screws (callout 1).

Figure 1-2346 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

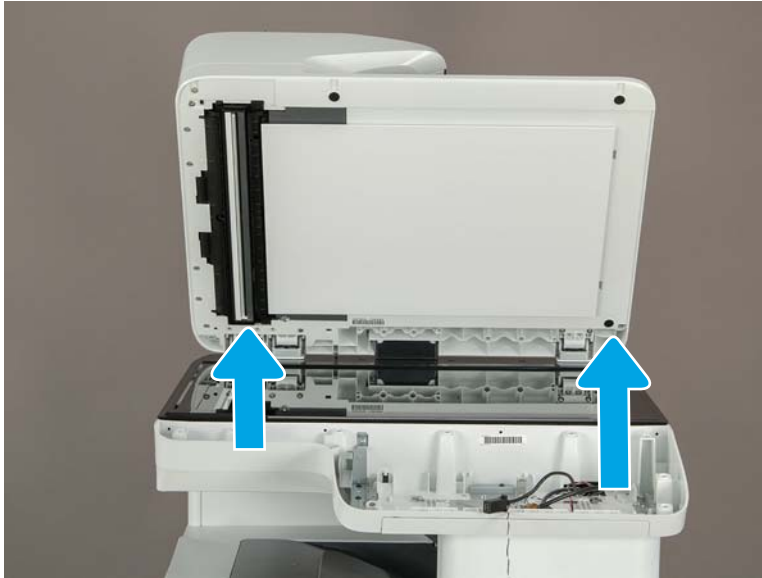
Figure 1-2347 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

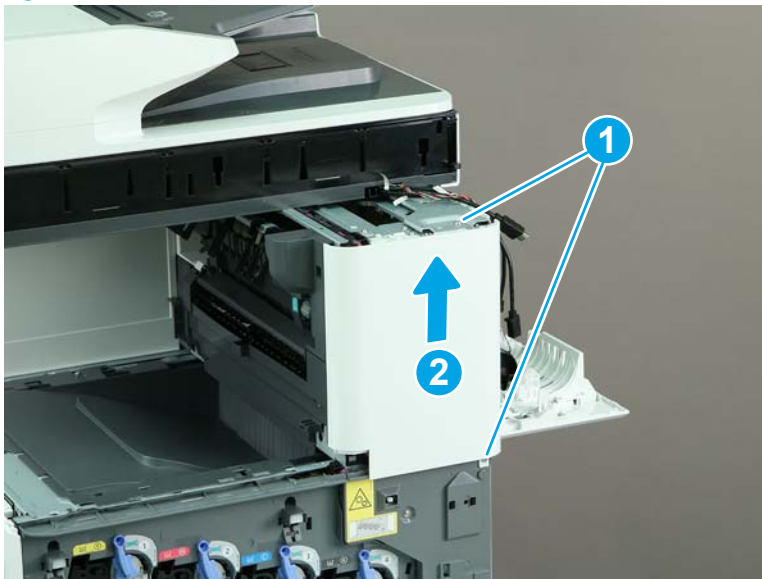
Figure 1-2348 Remove the nose cone



- 11. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

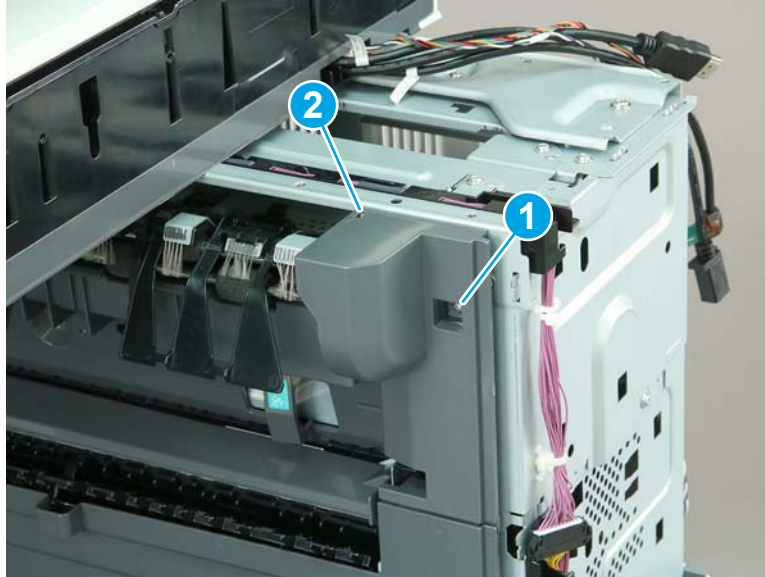
Figure 1-2349 Remove the right front cover



- 12. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

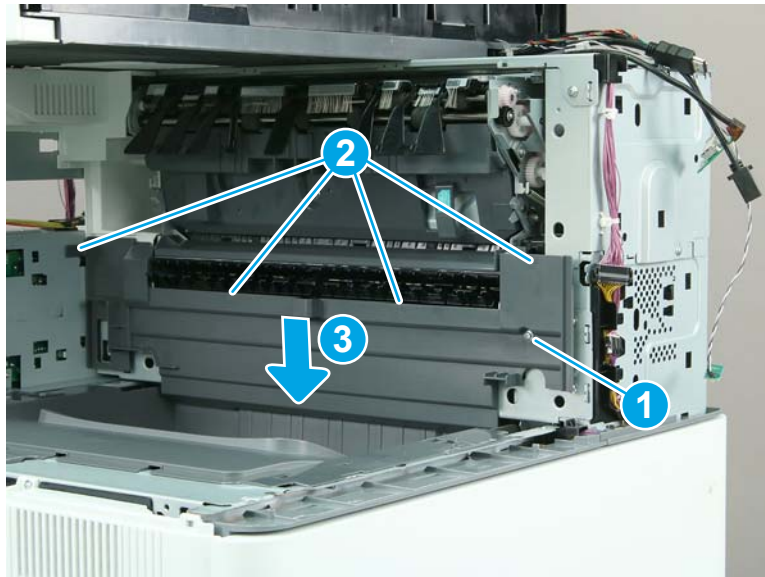
Figure 1-2350 Remove the delivery front cover



13. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

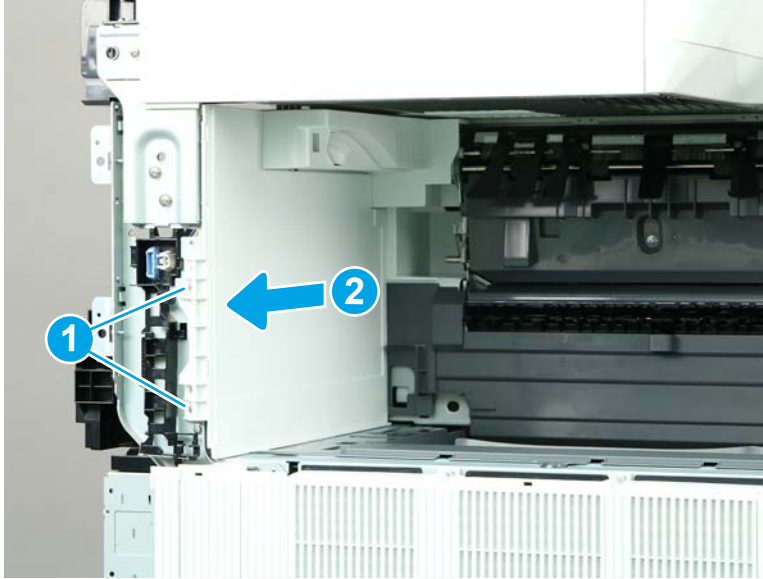
Figure 1-2351 Remove the delivery cover



14. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

Figure 1-2352 Remove the main cover

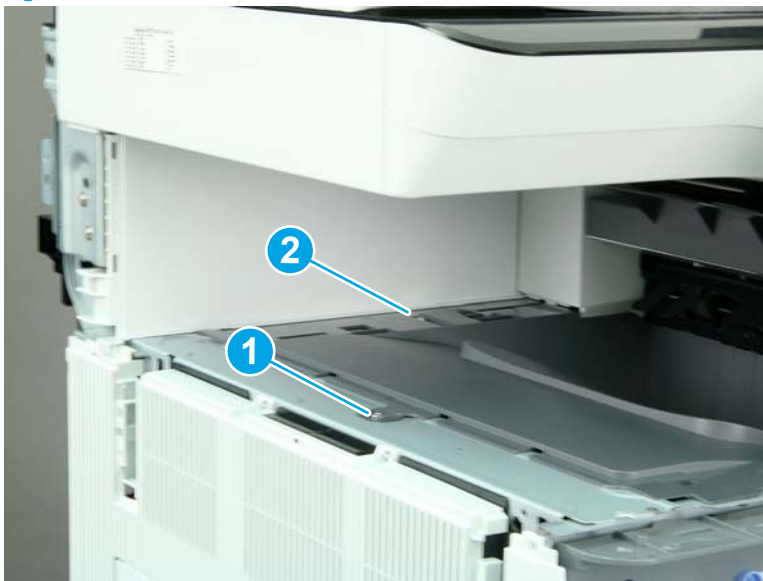


15. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-2353 Remove two screws



- b. Remove the output bin.

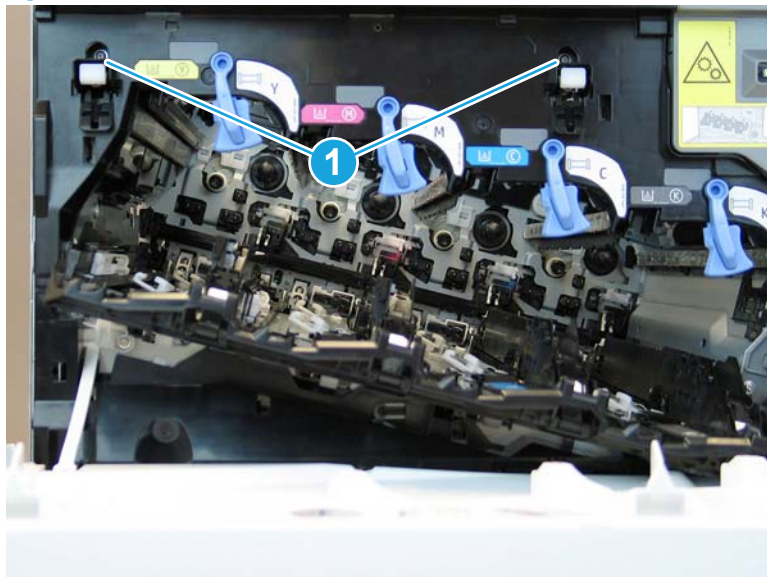
Figure 1-2354 Remove the output bin



- 16. Remove the cartridge upper guide.

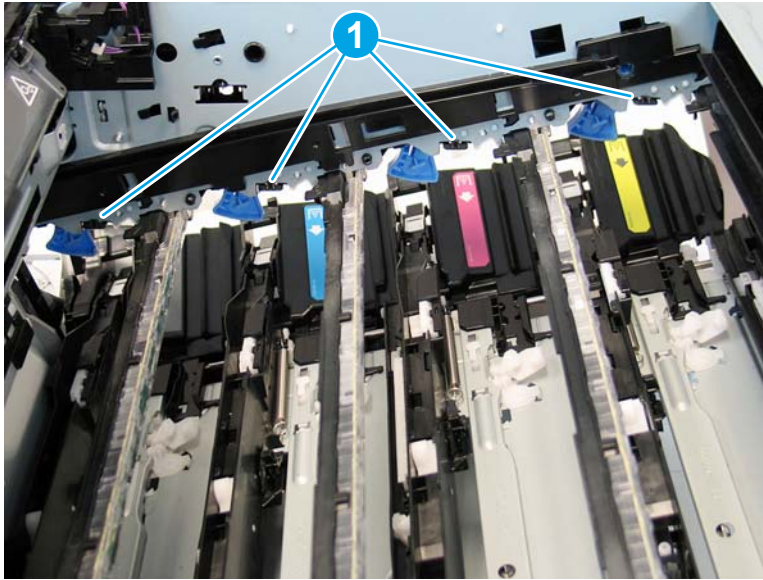
- a. Remove two screws (callout 1).

Figure 1-2355 Remove two screws



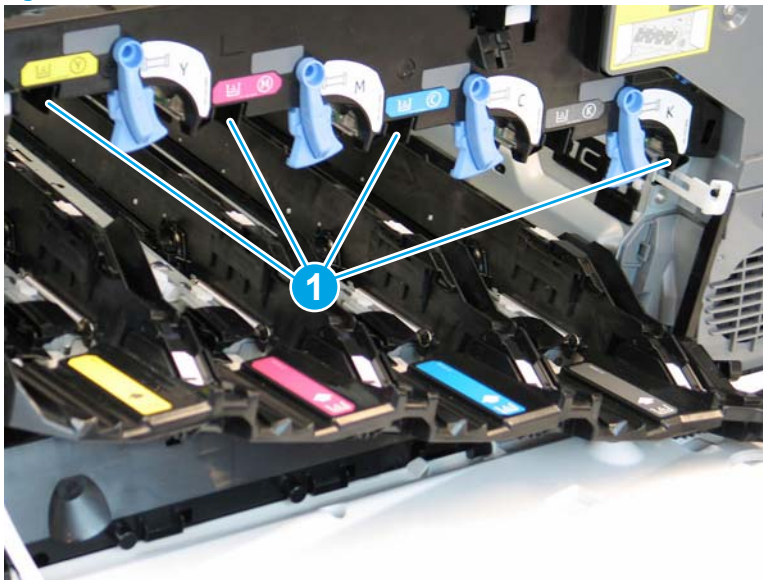
- b. Inside the printer, release four tabs (callout 1) on the back side of the cartridge guide.

Figure 1-2356 Release four tabs



- c. Release four tabs (callout 1), and then remove the cartridge upper guide.

Figure 1-2357 Release four tabs



- 17. Unpack the replacement assembly.
  - a. Dispose of the defective part.




---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Black pre-exposure assembly (M751/E75245)

Learn how to remove and replace the black pre-exposure assembly.



[View a video of how to remove and replace the black pre-exposure assembly.](#)


Mean time to repair: 12 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-120** Part information

Part number	Part description
RM2-1340-000CN	Black pre-exposure assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

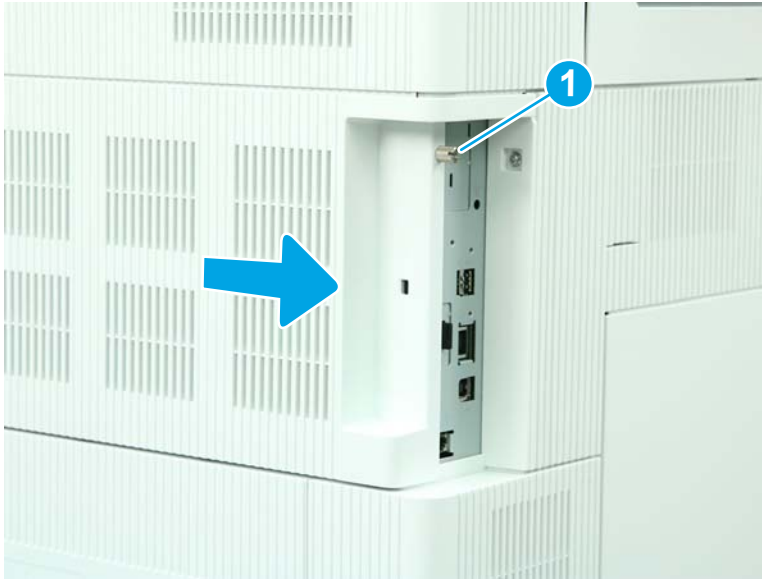
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.

- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

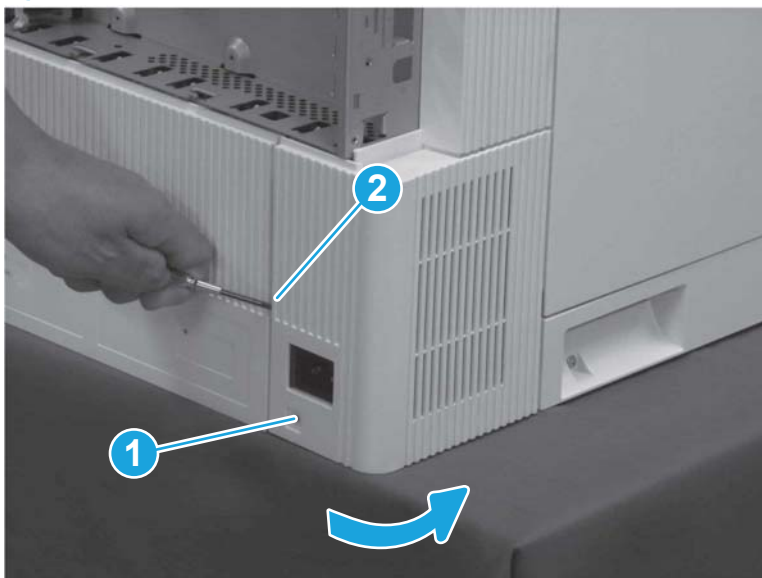
Figure 1-2358 Remove the formatter cover



2. Remove the left lower cover (M751/E75245).

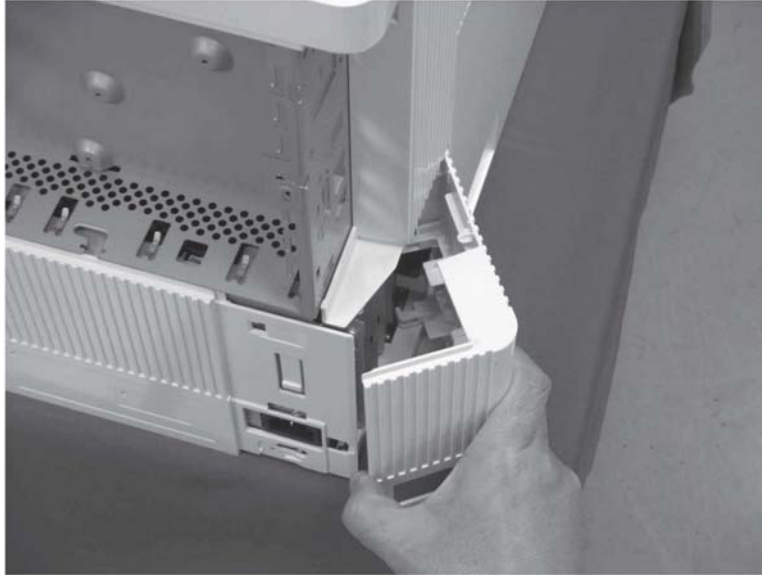
- a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2359 Remove one screw and release one tab



- b. Remove the left lower cover.

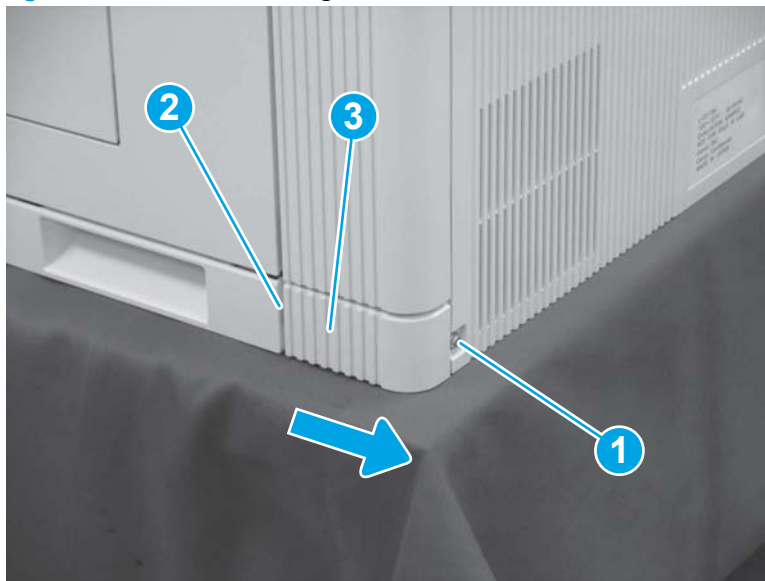
**Figure 1-2360** Remove the left lower cover



3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

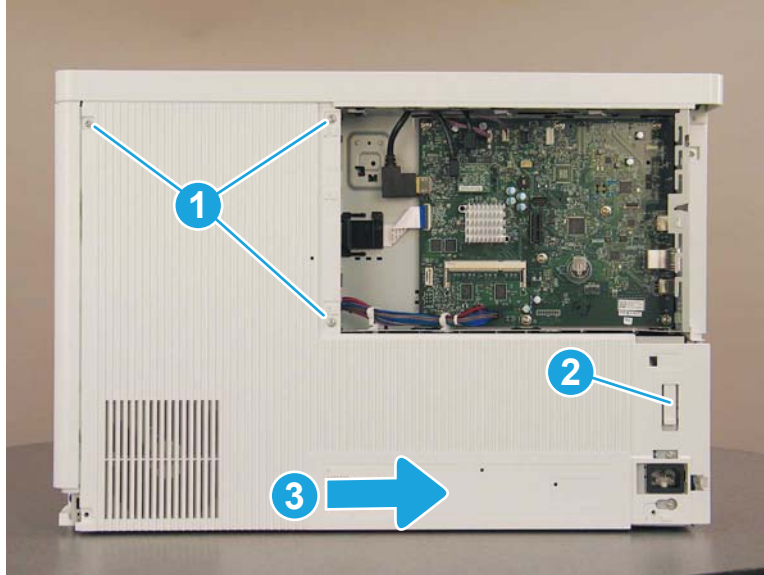
**Figure 1-2361** Remove the right rear lower cover




4. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2362 Remove the rear cover

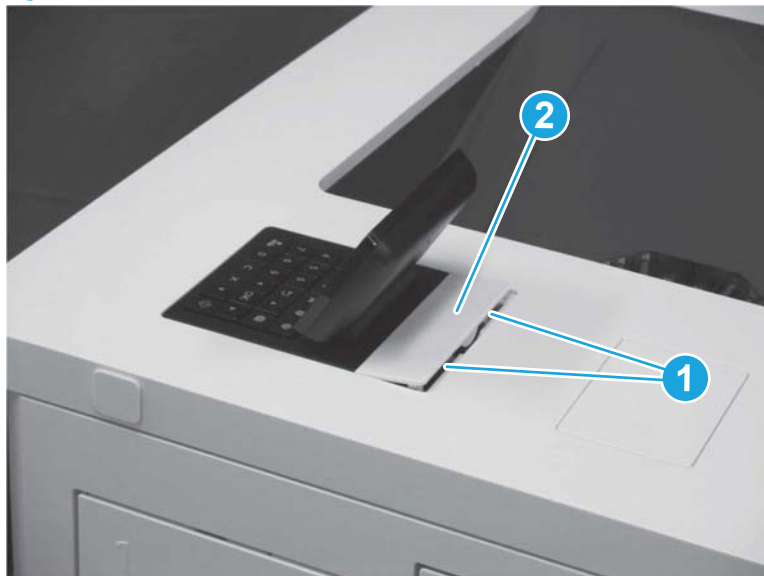


5. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2363 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2364 Remove one screw



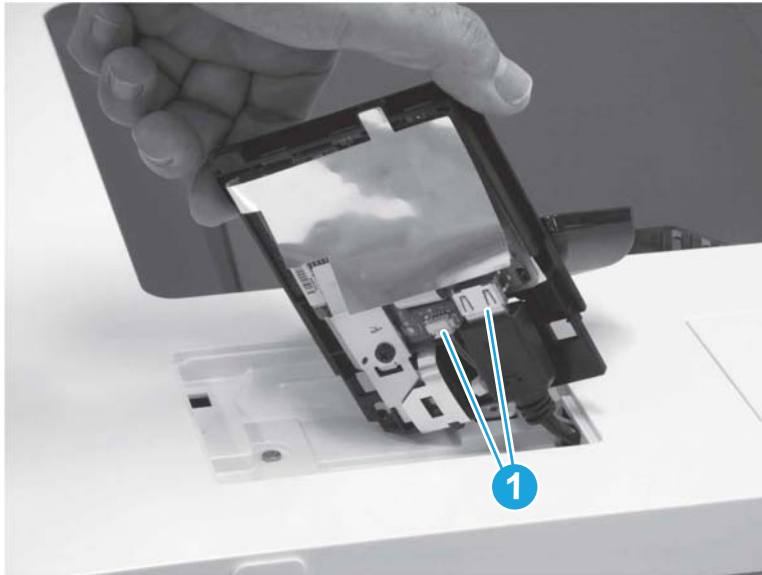
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2365 Slide the control panel back



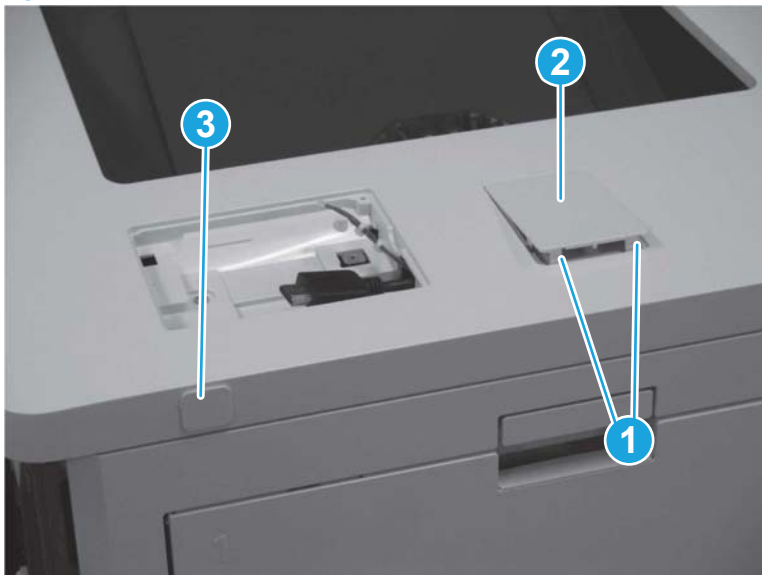
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2366 Disconnect two connectors



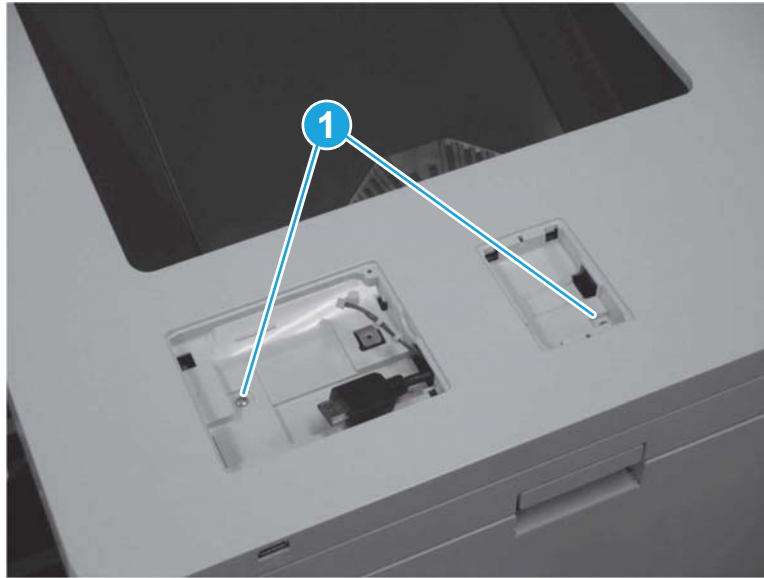
6. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-2367 Remove the HIP cover and USB cap



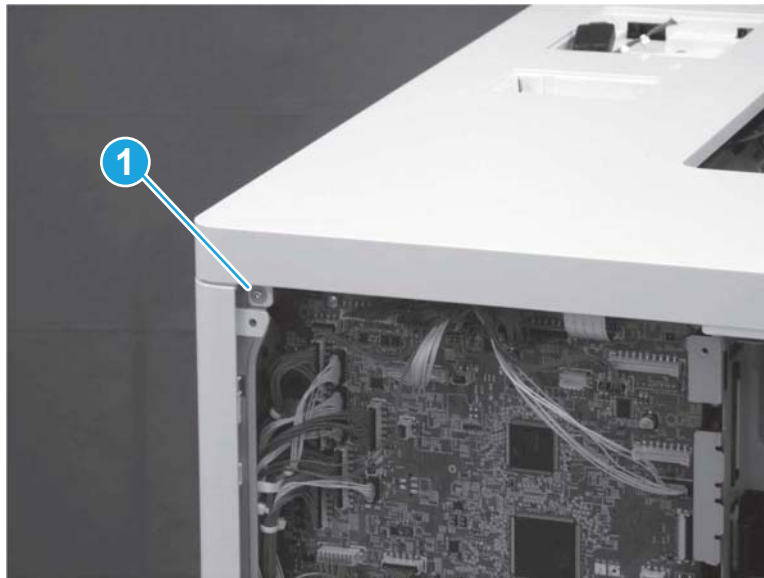
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2368 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2369 Remove one screw

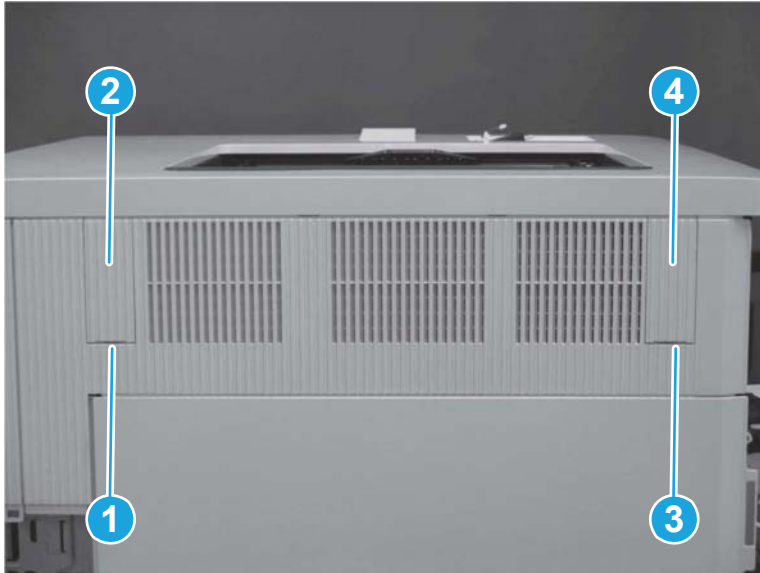


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

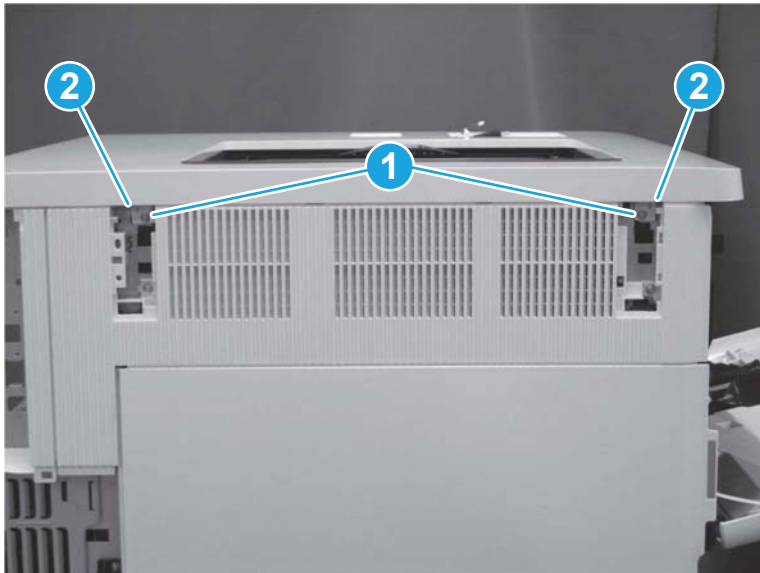
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2370** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2371** Remove two screws and release two tabs

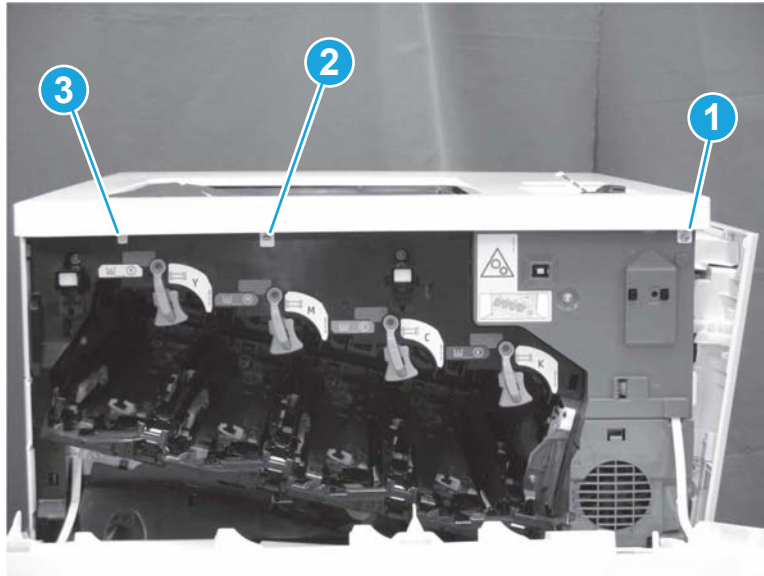




- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

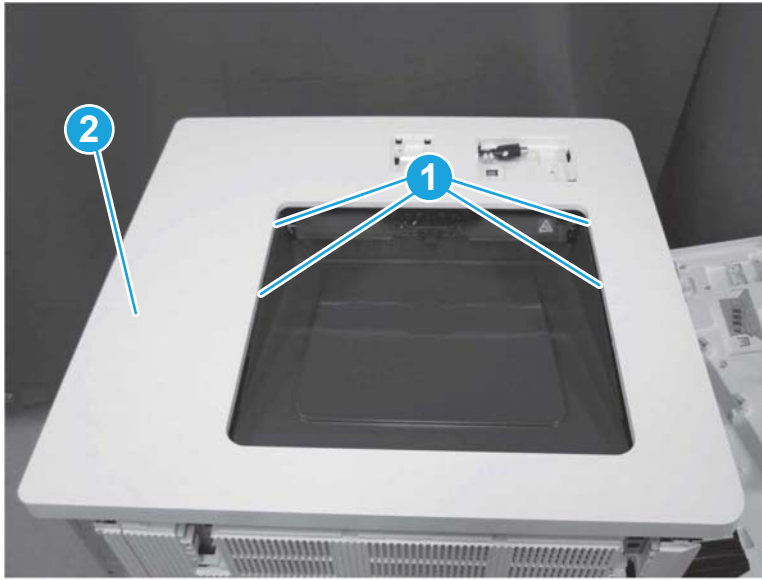
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

**Figure 1-2372** Remove two screws and release one tab

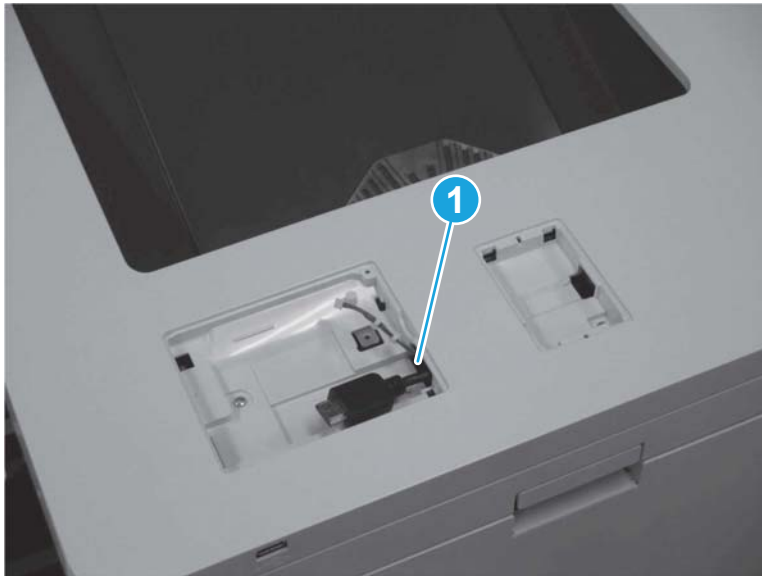


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2373 Remove the top cover



 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



7. Remove the output bin (M751/E75245).

- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).


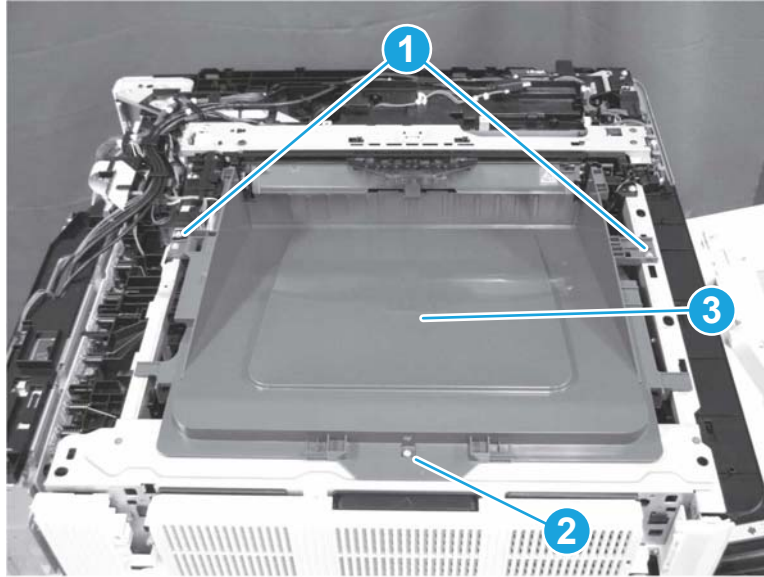
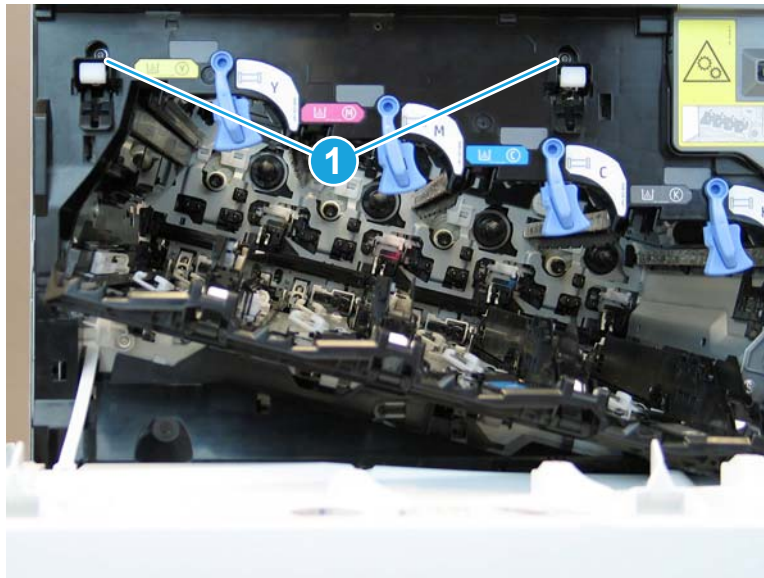
 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

Figure 1-2374 Remove the output bin



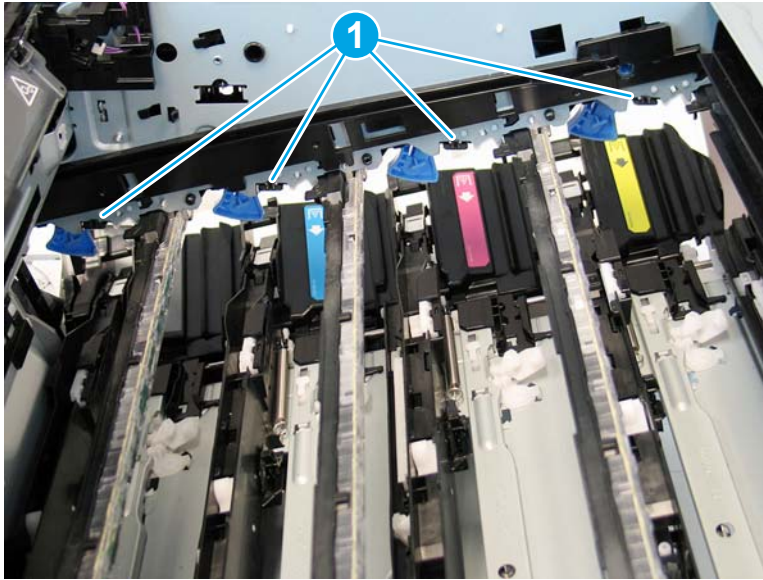
8. Remove the cartridge upper guide.
  - a. Remove two screws (callout 1).

Figure 1-2375 Remove two screws



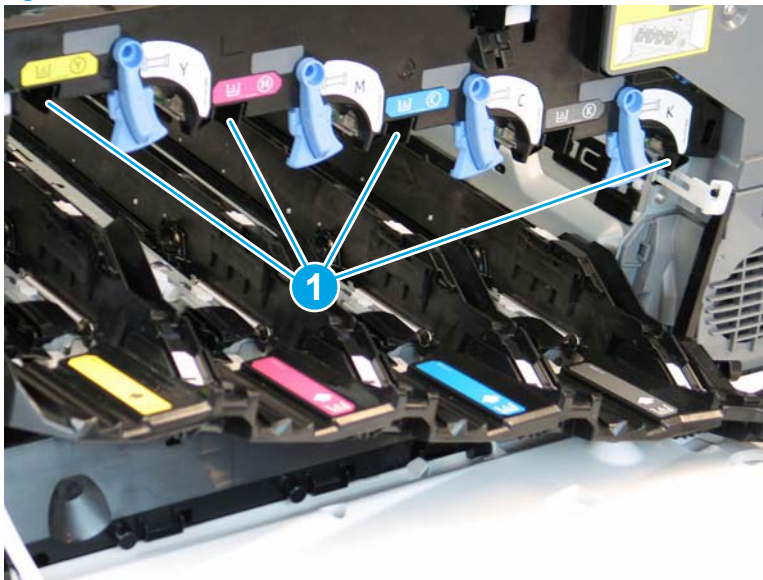
- b. Inside the printer, release four tabs (callout 1) on the back side of the cartridge guide.

Figure 1-2376 Release four tabs



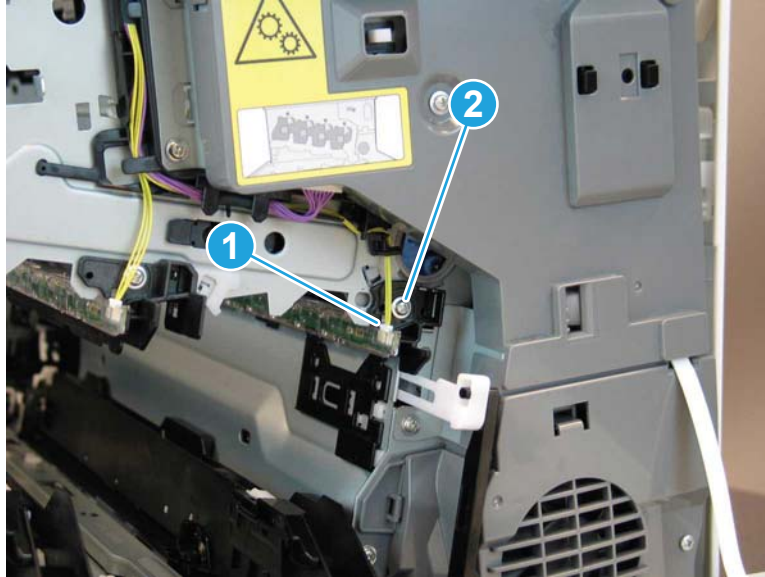
- c. Release four tabs (callout 1), and then remove the cartridge upper guide.

Figure 1-2377 Release four tabs



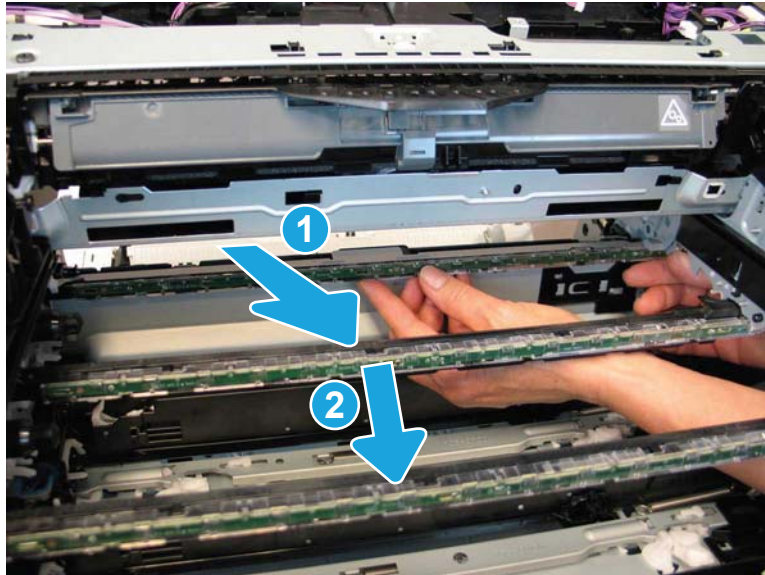
- 9. Remove the black pre-exposure assembly.
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

**Figure 1-2378** Disconnect one connector and remove one screw




- b. Lift the pre-exposure assembly away from the printer (callout 1), and then lower it (callout 2) to remove it.

**Figure 1-2379** Remove the black pre-exposure assembly






10. Unpack the replacement assembly.
  - a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

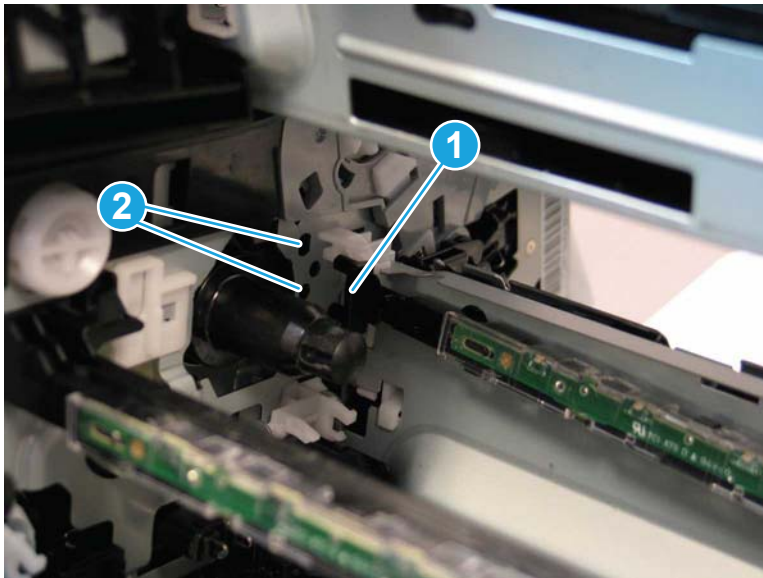
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the black pre-exposure assembly.

- ▲ When installing the black pre-exposure assembly, position the tabs (callout 1) on the end of the assembly into the holes (callout 2) in the printer.

**Figure 1-2380** Install the black pre-exposure assembly



#### Removal and replacement: Black pre-exposure assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the black pre-exposure assembly.

 [View a video of how to remove and replace the black pre-exposure assembly.](#)


Mean time to repair: 12 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-121** Part information

Part number	Part description
RM2-1340-000CN	Black pre-exposure assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

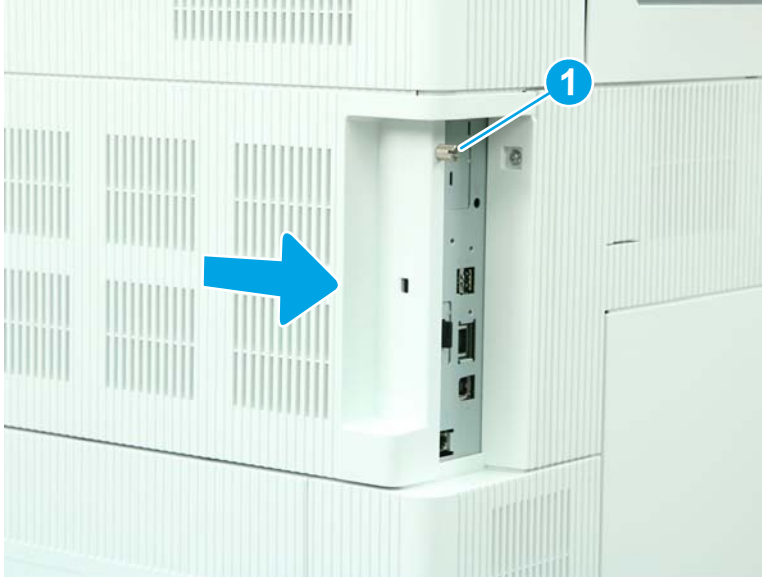
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

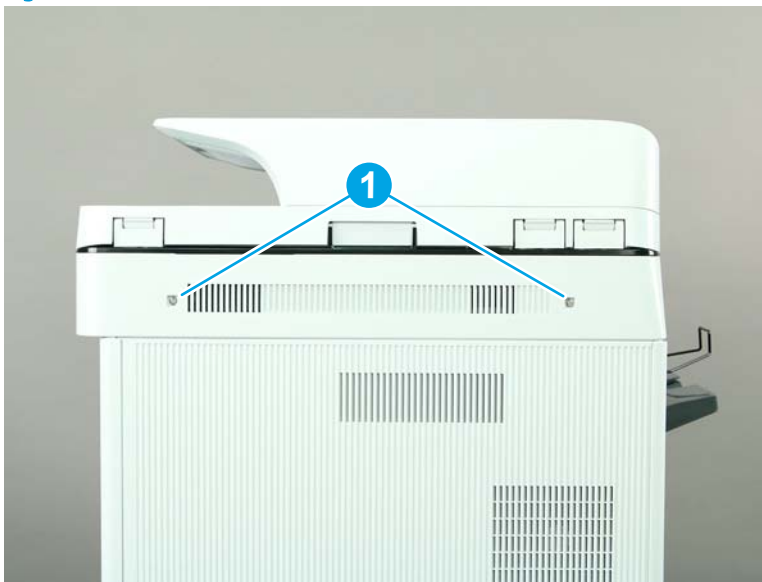
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2381 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2382 Remove two screws





- b. Remove the SCB cover.

**Figure 1-2383** Remove the SCB cover



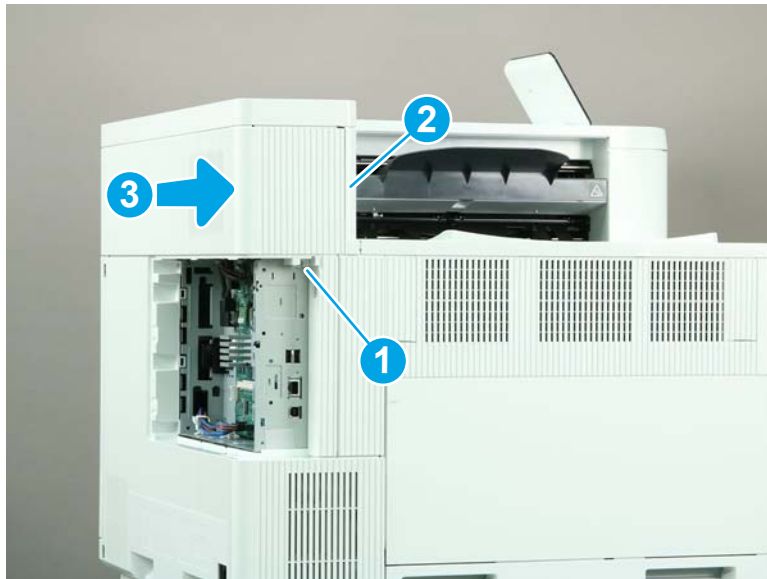
3. Remove the rear upper cover (M856/E85055/M776dn/M776z).

---

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-2384** Remove the rear upper cover



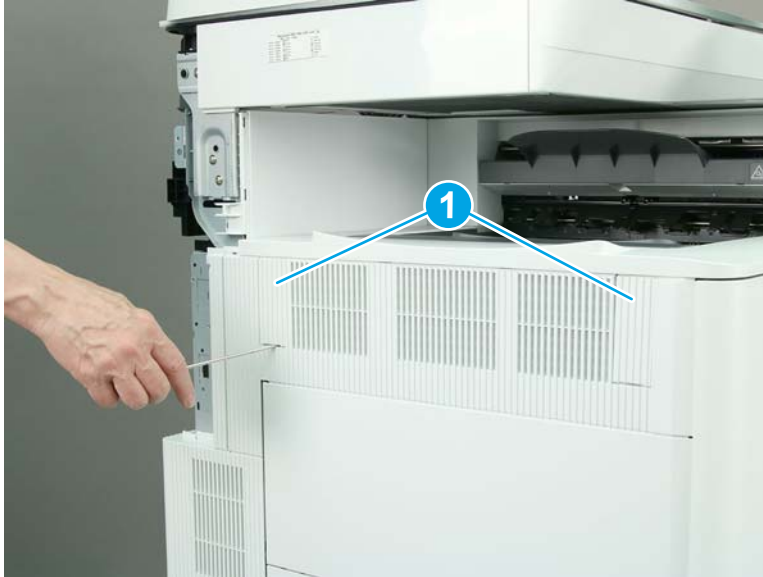
4. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

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 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

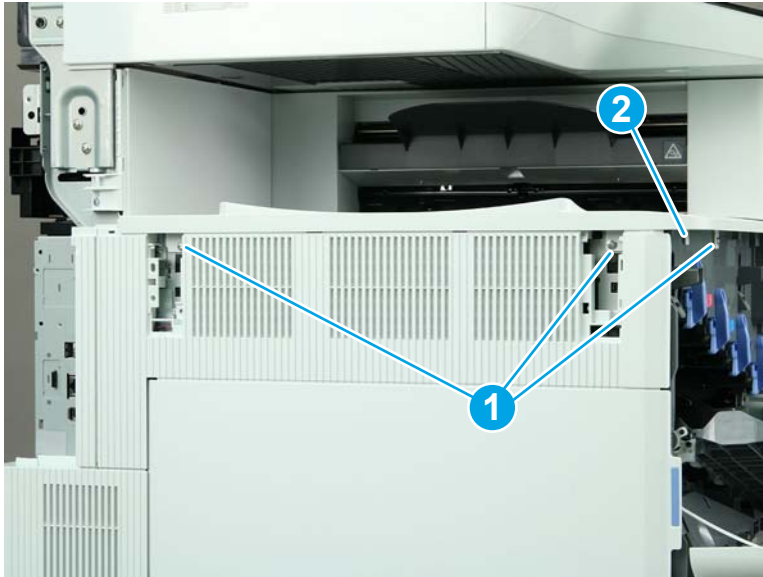
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2385 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2386 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-2387** Remove the accessory upper cover

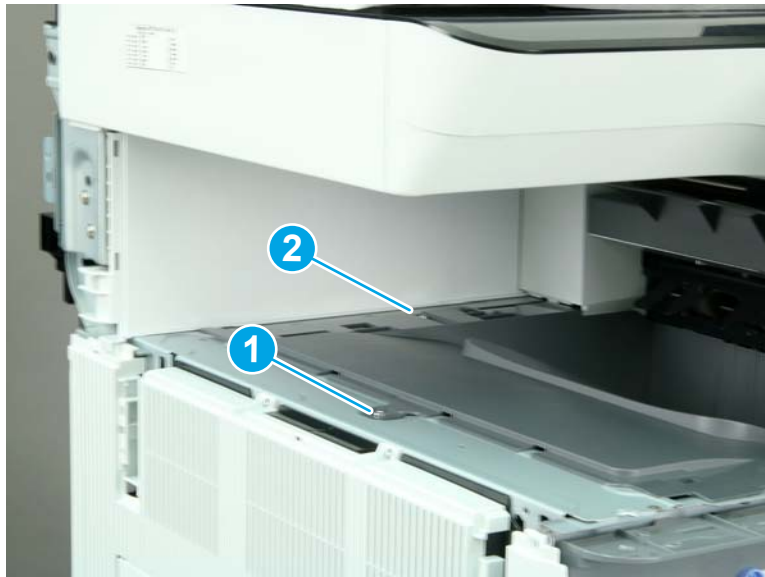


- 5. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

**Figure 1-2388** Remove two screws



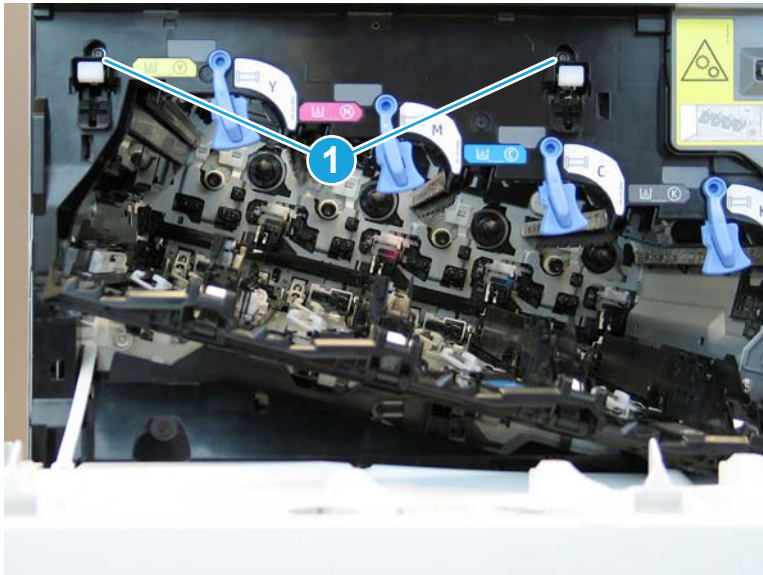
- b. Remove the output bin.

Figure 1-2389 Remove the output bin



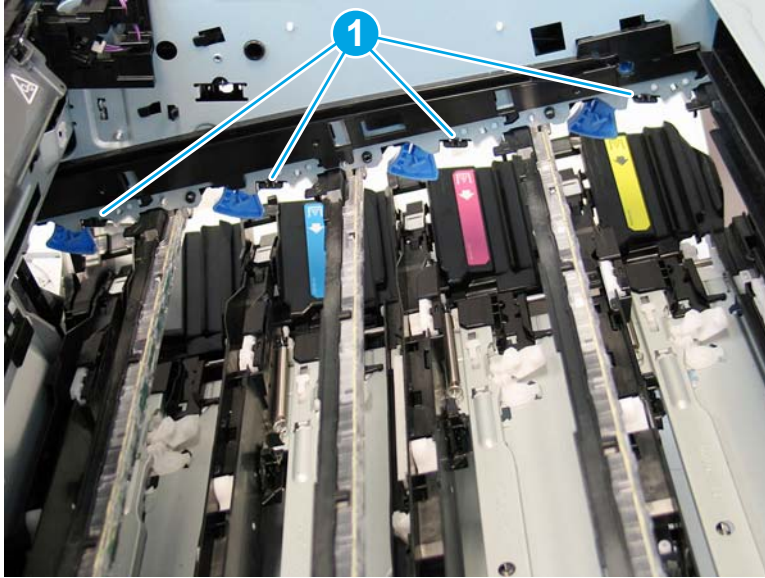
- 6. Remove the cartridge upper guide.
  - a. Remove two screws (callout 1).

Figure 1-2390 Remove two screws



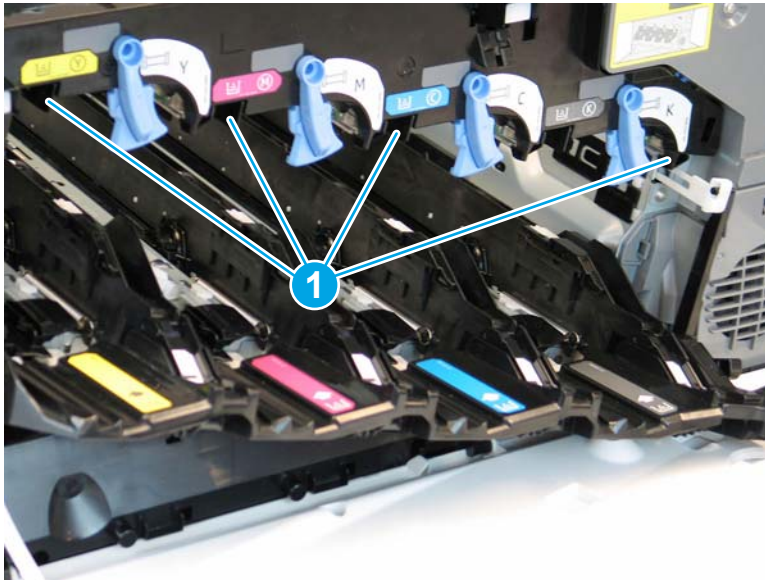
- b. Inside the printer, release four tabs (callout 1) on the back side of the cartridge guide.

Figure 1-2391 Release four tabs



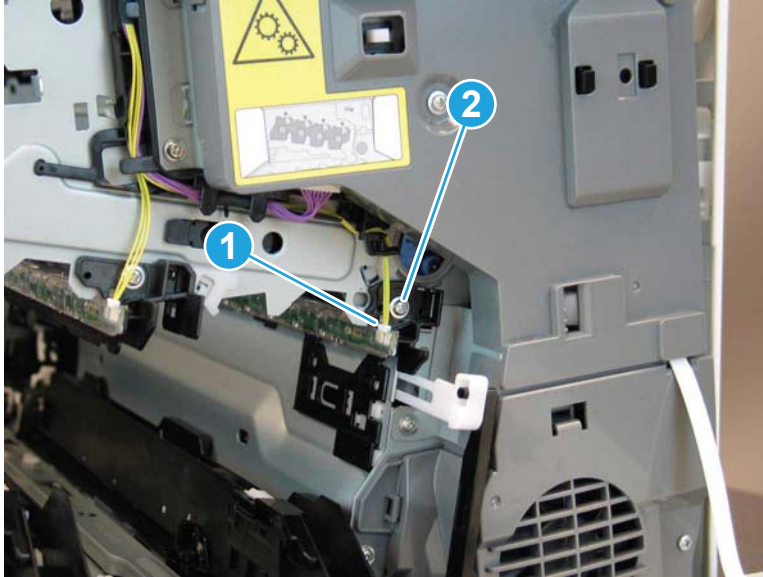
- c. Release four tabs (callout 1), and then remove the cartridge upper guide.

Figure 1-2392 Release four tabs



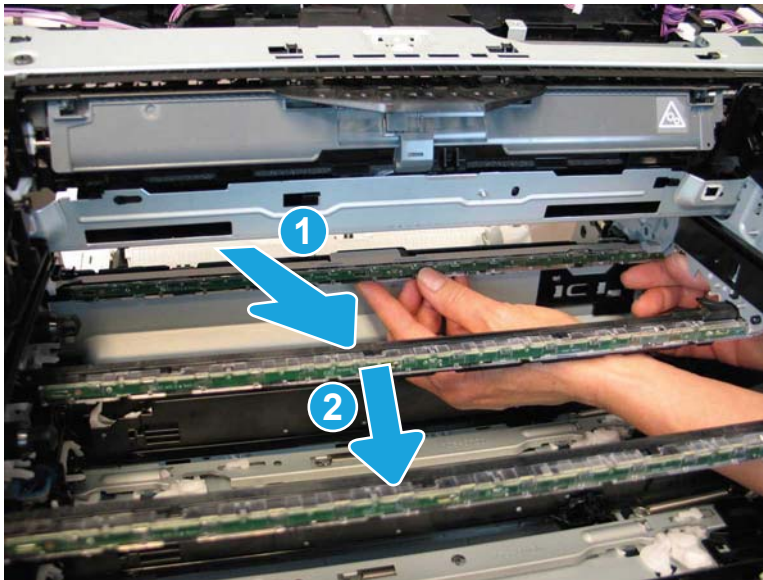
- 7. Remove the black pre-exposure assembly.
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-2393 Disconnect one connector and remove one screw



- b. Lift the pre-exposure assembly away from the printer (callout 1), and then lower it (callout 2) to remove it.

Figure 1-2394 Remove the black pre-exposure assembly



- 8. Unpack the replacement assembly.
  - a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

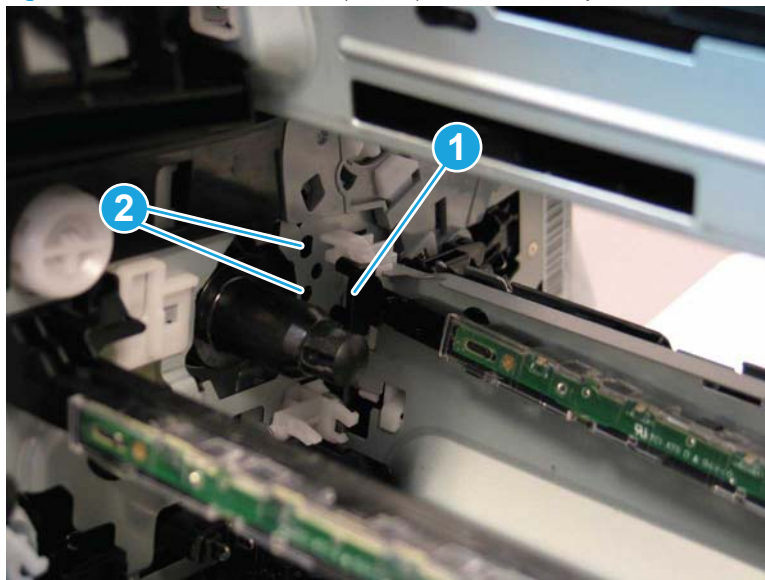
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

9. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the black pre-exposure assembly.

- ▲ When installing the black pre-exposure assembly, position the tabs (callout 1) on the end of the assembly into the holes (callout 2) in the printer.

**Figure 1-2395** Install the black pre-exposure assembly



#### Removal and replacement: Black pre-exposure assembly (M776zs)

Learn how to remove and replace the black pre-exposure assembly.


Mean time to repair: 12 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-122 Part information

Part number	Part description
RM2-1340-000CN	Black pre-exposure assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

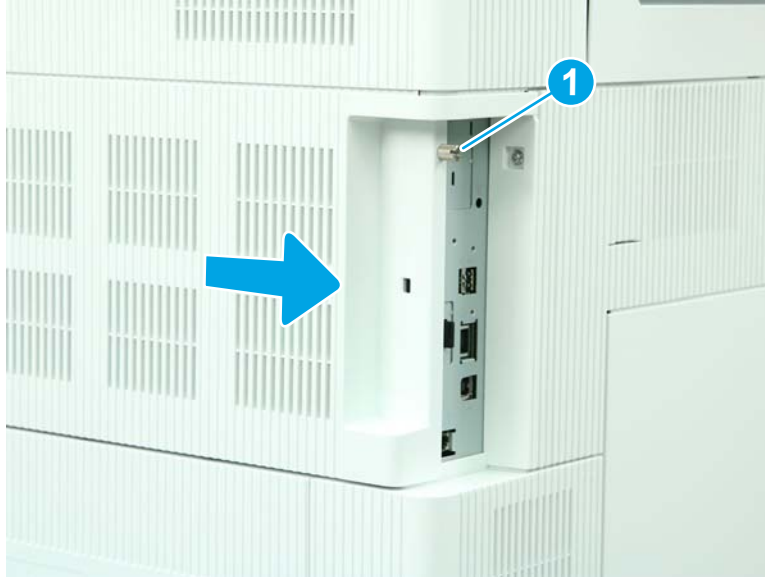
Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

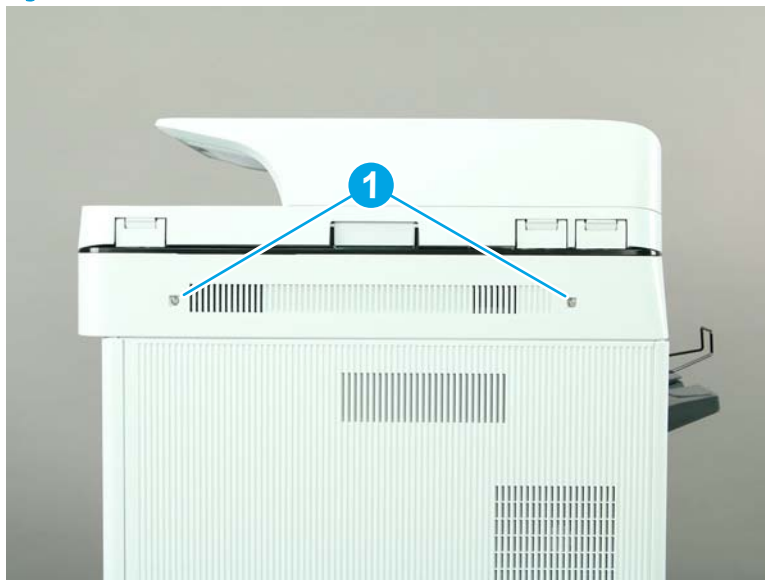


Figure 1-2396 Remove the formatter cover



2. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2397 Remove two screws



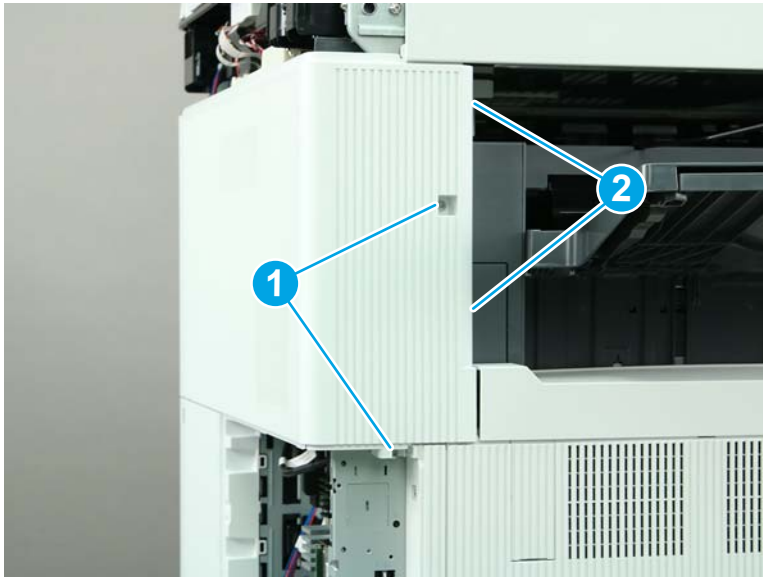
- b. Remove the SCB cover.

Figure 1-2398 Remove the SCB cover



- 3. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2399 Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-2400** Remove the rear upper and left rear upper cover



- 4. Remove the front cover (M776zs).

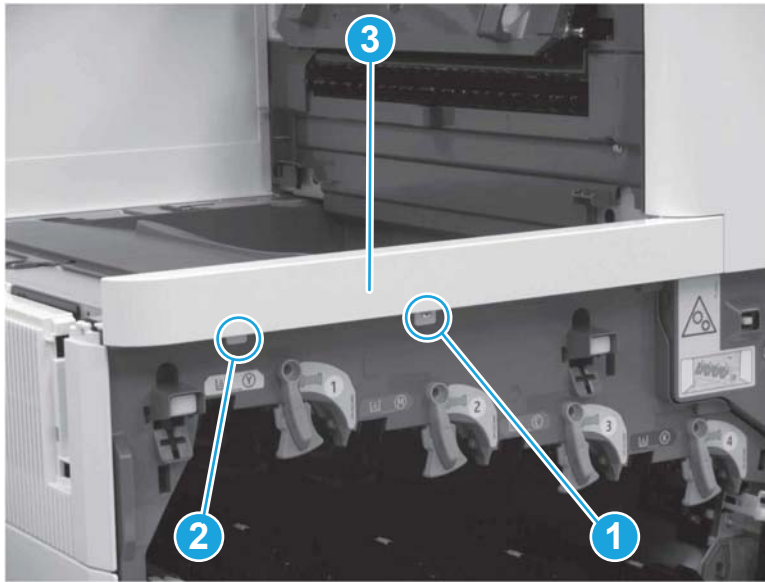
- a. Open the front door.

**Figure 1-2401** Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-2402 Remove the front cover



5. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-2403 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-2404** Release the control panel cover



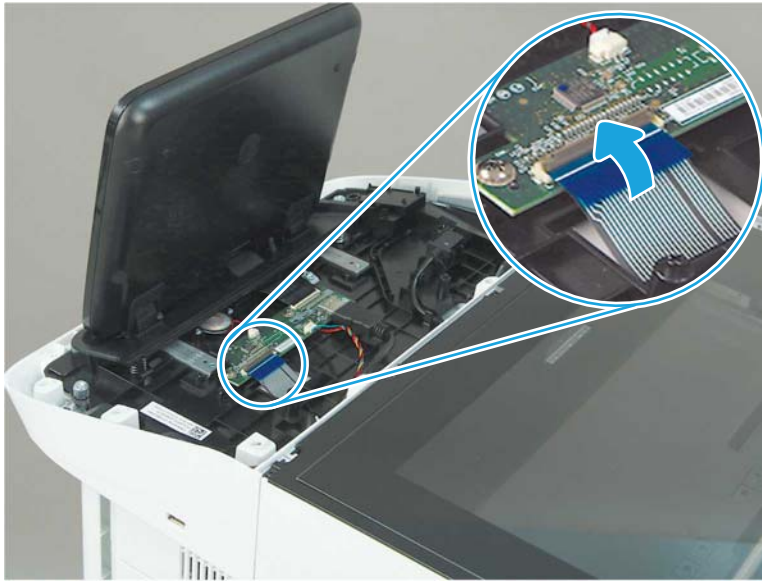
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

**Figure 1-2405** Remove the control panel cover



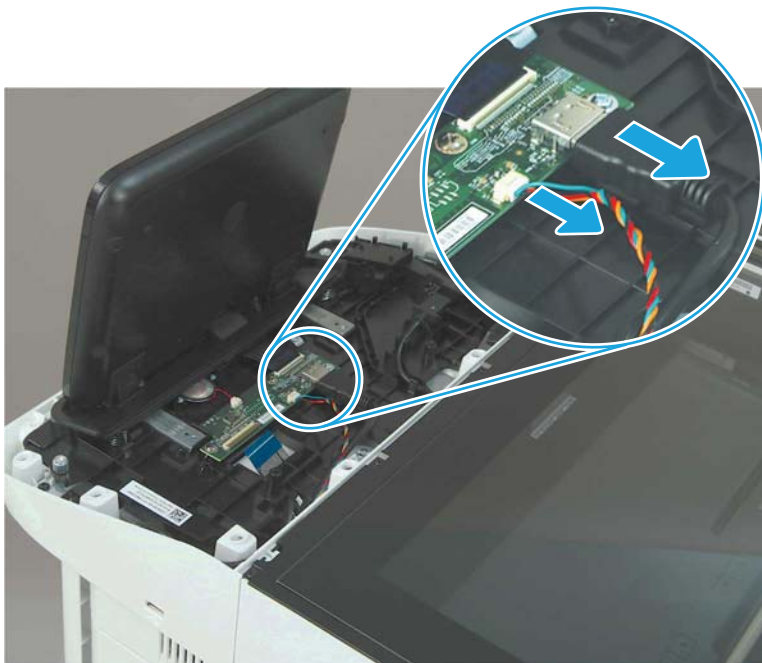
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-2406** Release the keyboard flat cable (M776z/M776zs)



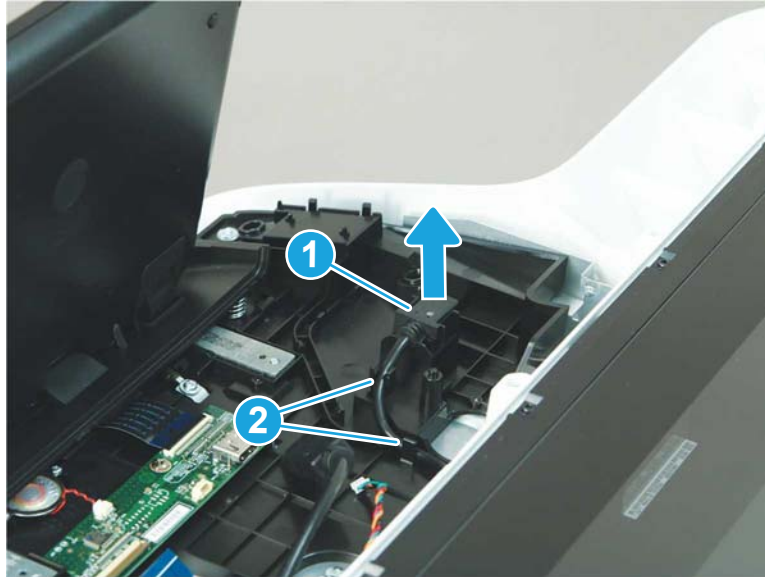
- e. Disconnect two connectors

**Figure 1-2407** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-2408 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-2409 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-2410 Remove the control panel



- 6. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

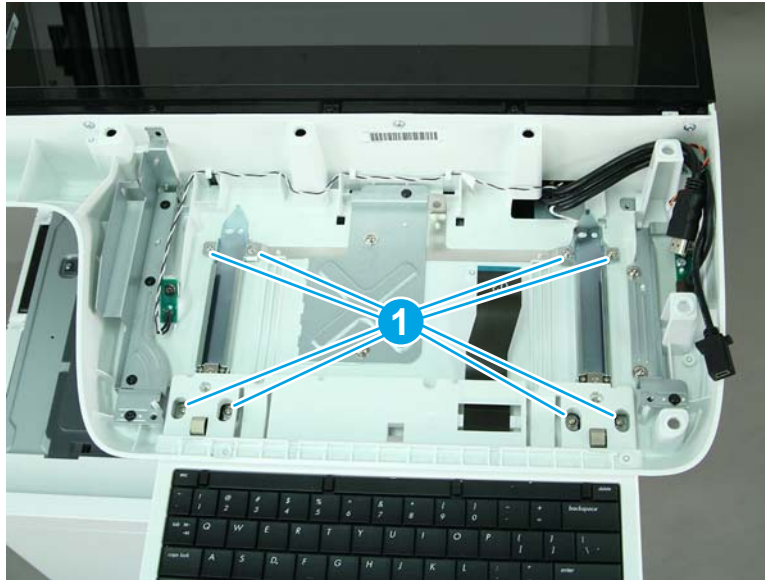
Figure 1-2411 Pull the keyboard out





- b. Remove eight screws (callout 1).

Figure 1-2412 Remove eight screws



- c. Remove the keyboard and rails.

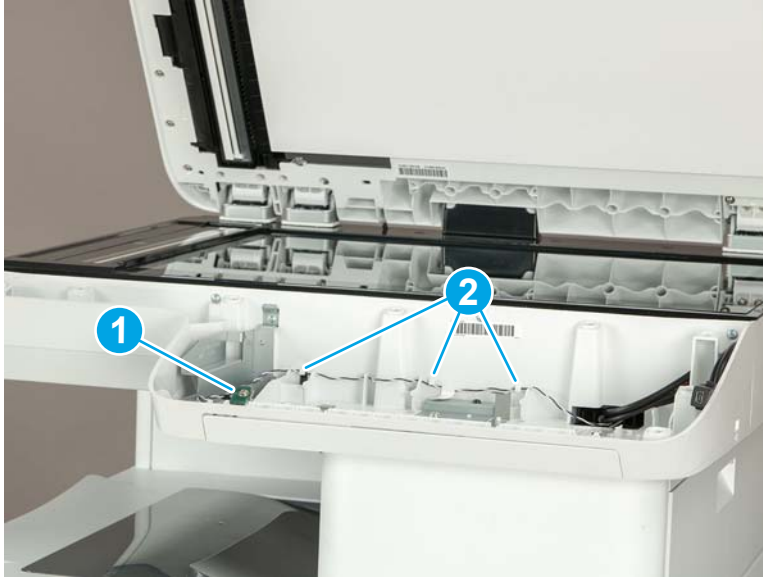
Figure 1-2413 Remove the keyboard and rails



- 7. Remove the nose cone (M776).

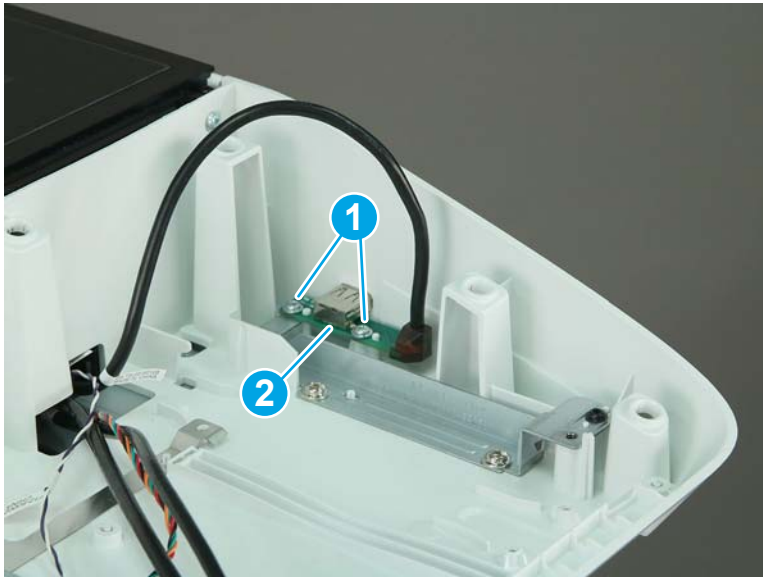
- a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-2414 Release the light PCA



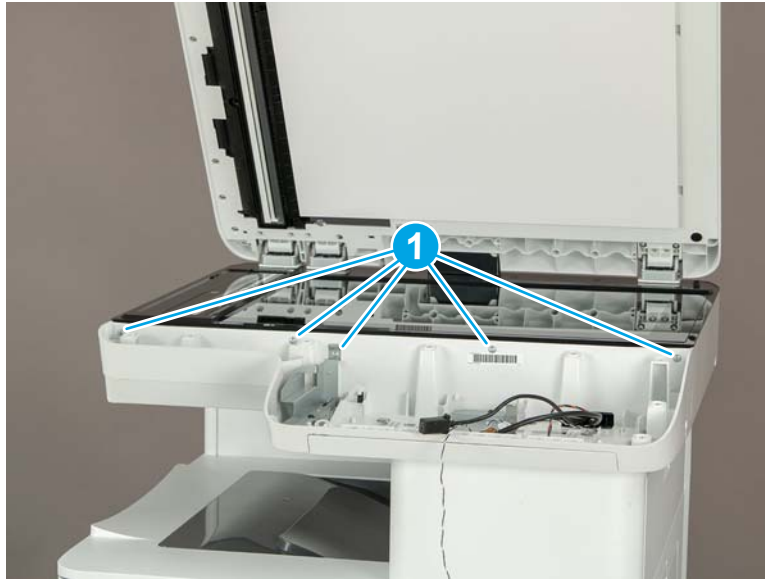
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-2415 Release the USB port PCA



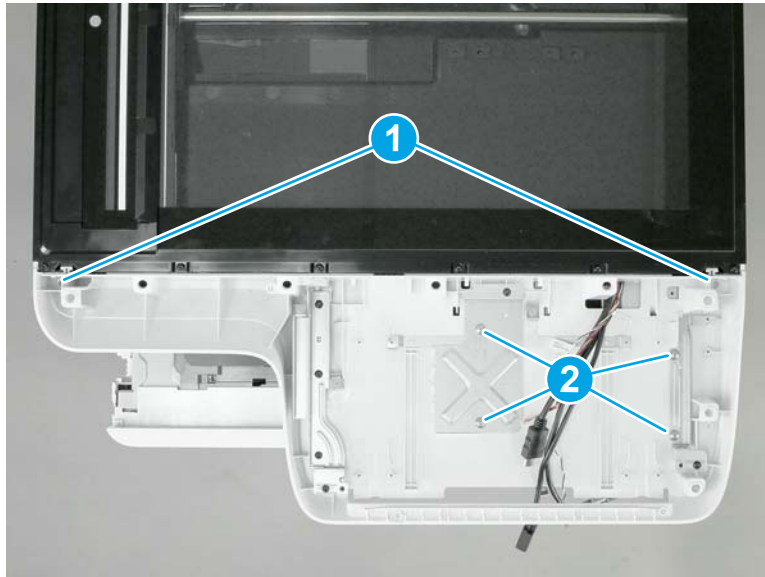
- c. Remove five screws (callout 1).

Figure 1-2416 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

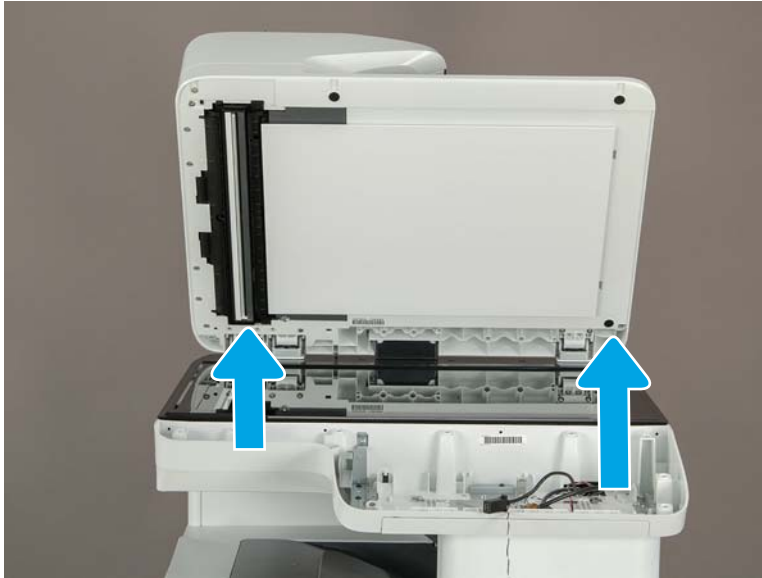
Figure 1-2417 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

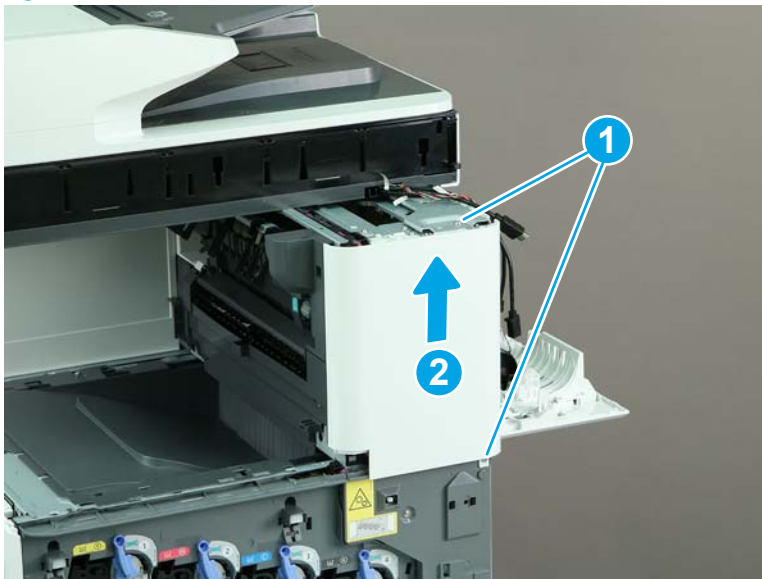
Figure 1-2418 Remove the nose cone



- 8. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

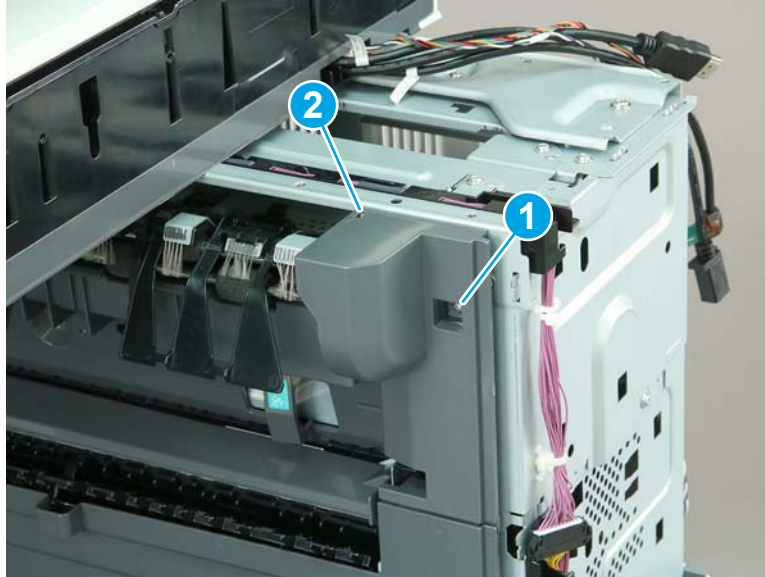
Figure 1-2419 Remove the right front cover



- 9. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

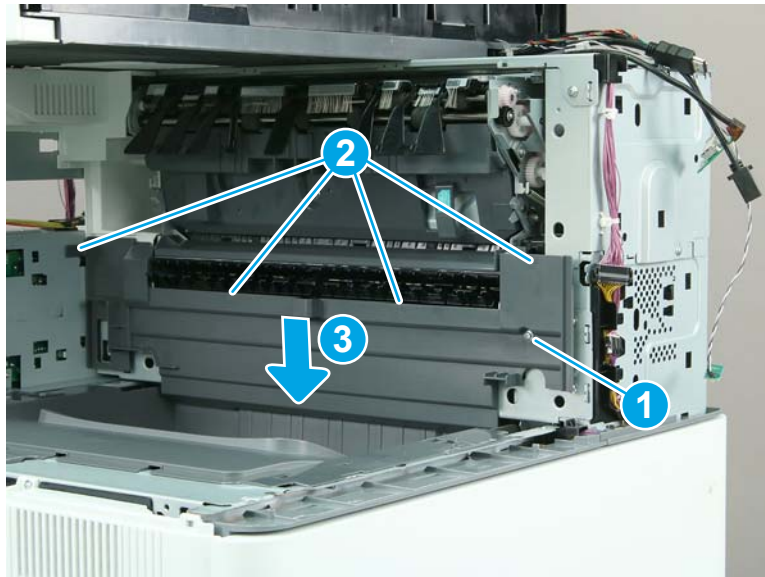
Figure 1-2420 Remove the delivery front cover



10. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

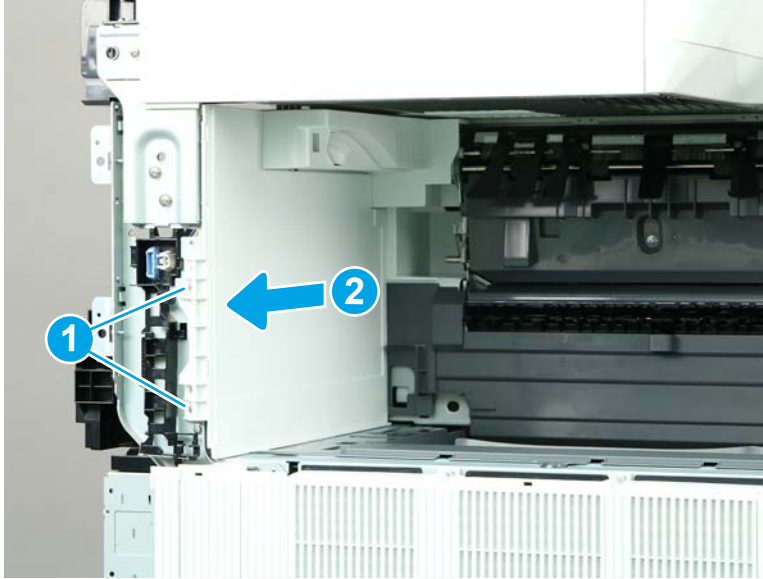
Figure 1-2421 Remove the delivery cover



11. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

Figure 1-2422 Remove the main cover



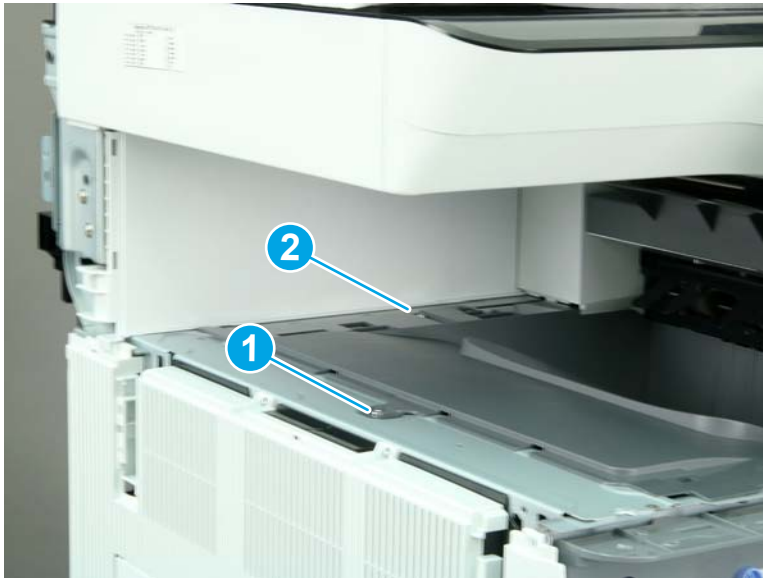
12. Remove the output bin (M856/E85055/M776).



**NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-2423 Remove two screws



- b. Remove the output bin.

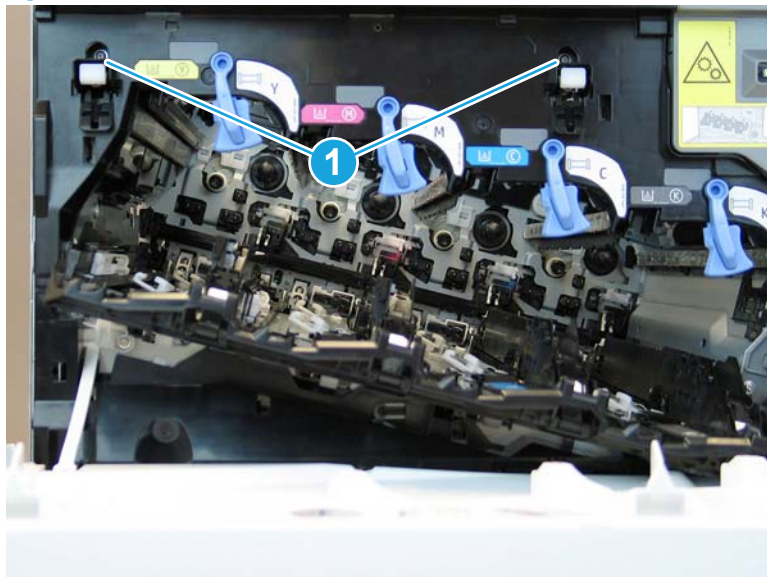
Figure 1-2424 Remove the output bin



- 13. Remove the cartridge upper guide.

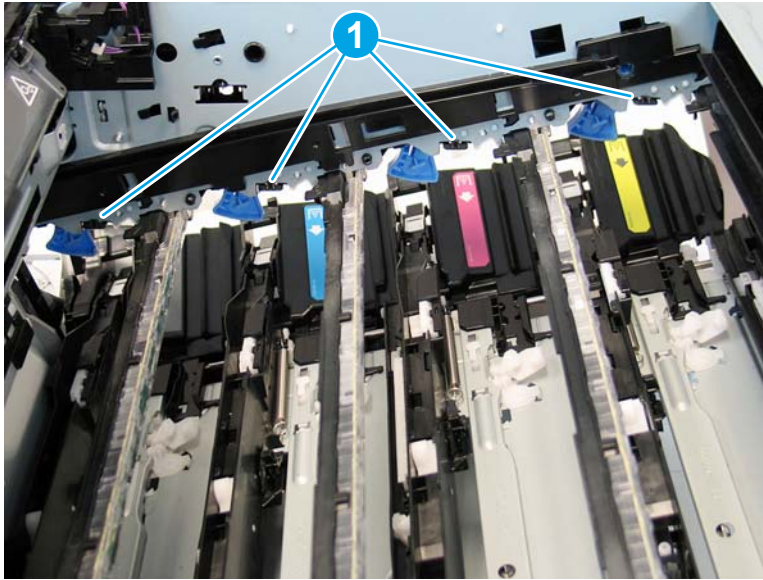
- a. Remove two screws (callout 1).

Figure 1-2425 Remove two screws



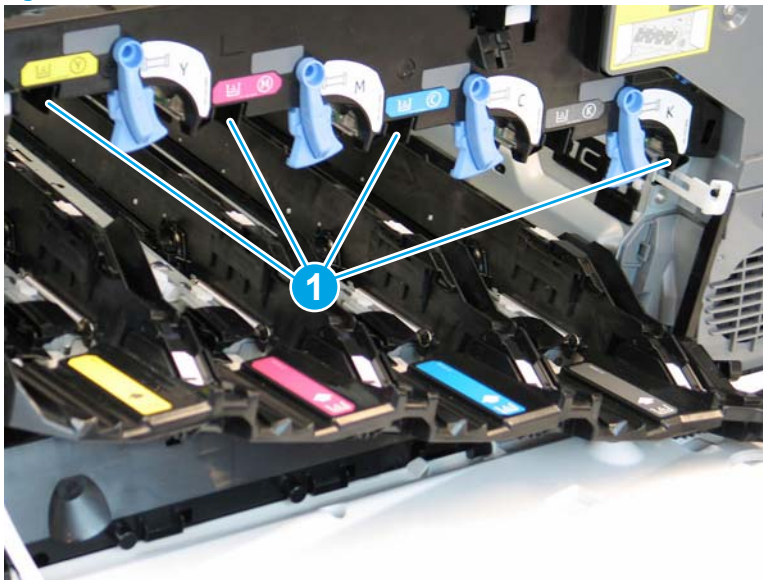
- b. Inside the printer, release four tabs (callout 1) on the back side of the cartridge guide.

Figure 1-2426 Release four tabs



- c. Release four tabs (callout 1), and then remove the cartridge upper guide.

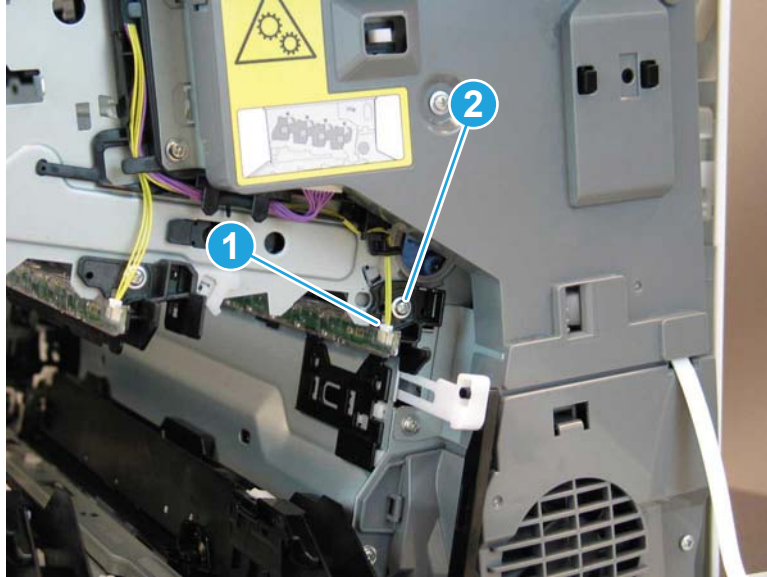
Figure 1-2427 Release four tabs



- 14. Remove the black pre-exposure assembly.
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

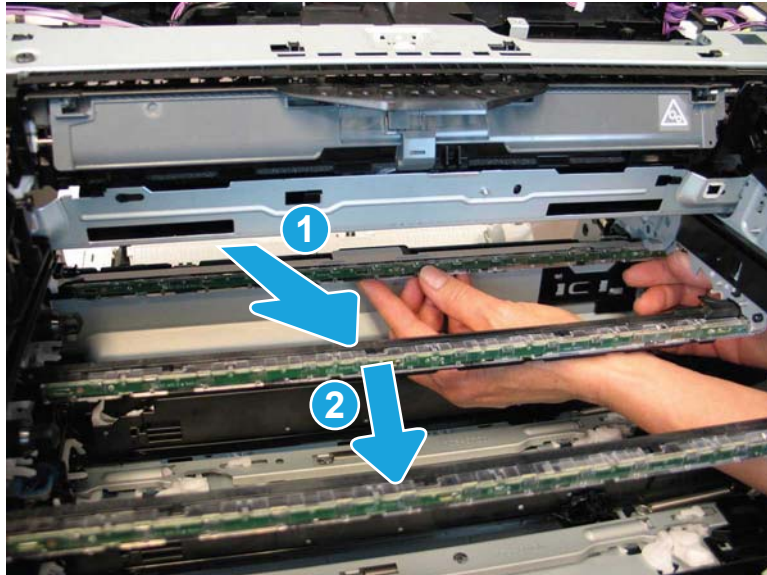


Figure 1-2428 Disconnect one connector and remove one screw




- b. Lift the pre-exposure assembly away from the printer (callout 1), and then lower it (callout 2) to remove it.

Figure 1-2429 Remove the black pre-exposure assembly






15. Unpack the replacement assembly.
  - a. Dispose of the defective part.

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

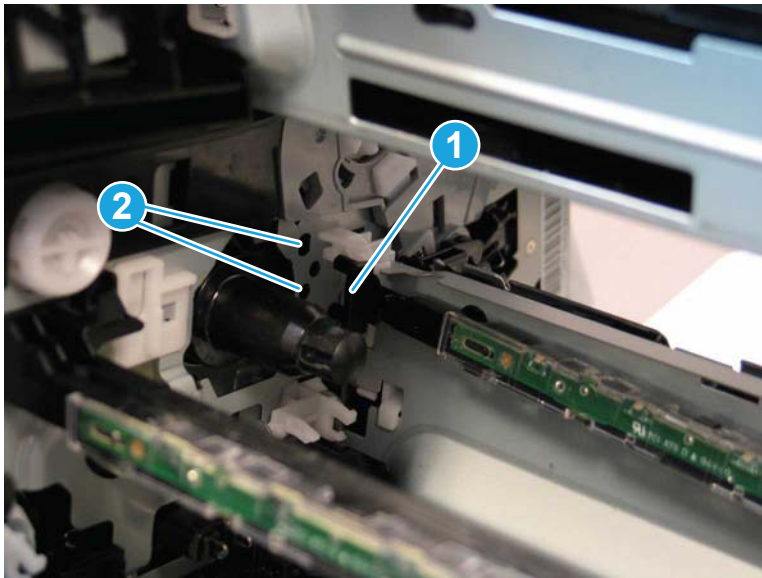
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

16. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the black pre-exposure assembly.

- ▲ When installing the black pre-exposure assembly, position the tabs (callout 1) on the end of the assembly into the holes (callout 2) in the printer.

**Figure 1-2430** Install the black pre-exposure assembly



#### Removal and replacement: Power switch PCA (M751/E75245)

Learn how to remove and replace the power switch PCA.

 [View a video of how to remove and replace the power switch PCA.](#)


Mean time to repair: 12 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-123** Part information

Part number	Part description
RM2-9610-000CN	Power switch PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

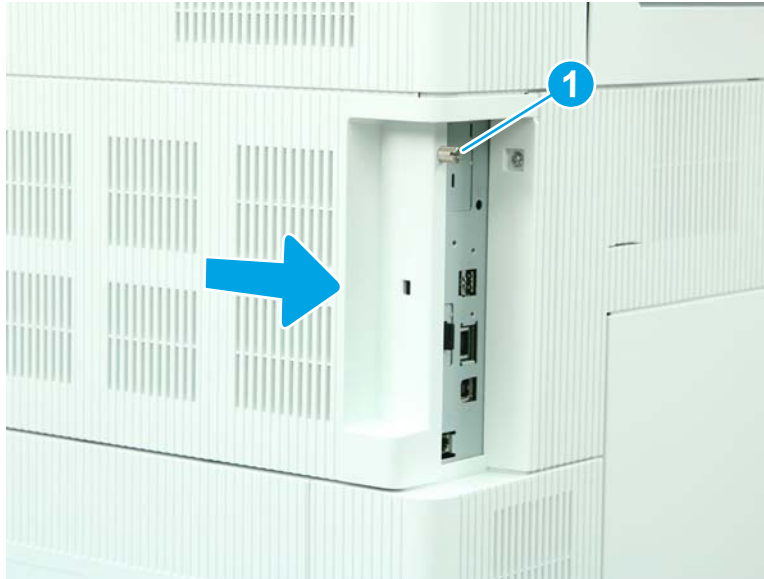
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

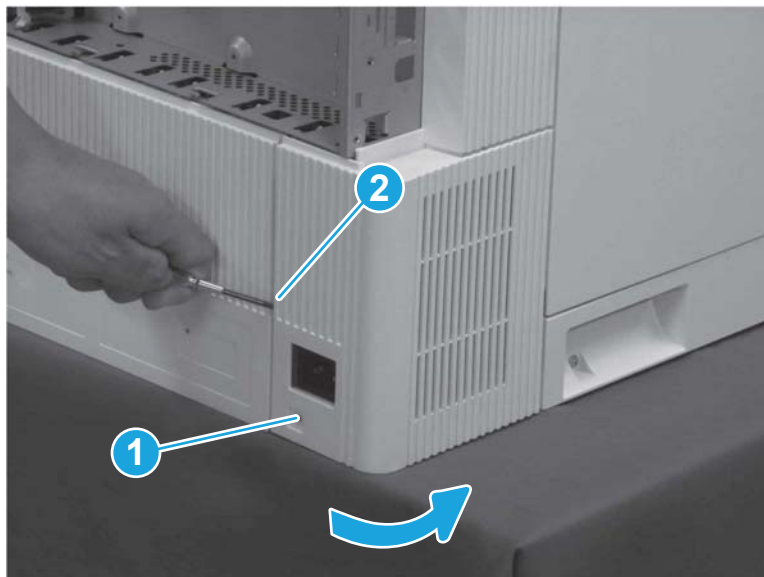
1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2431 Remove the formatter cover



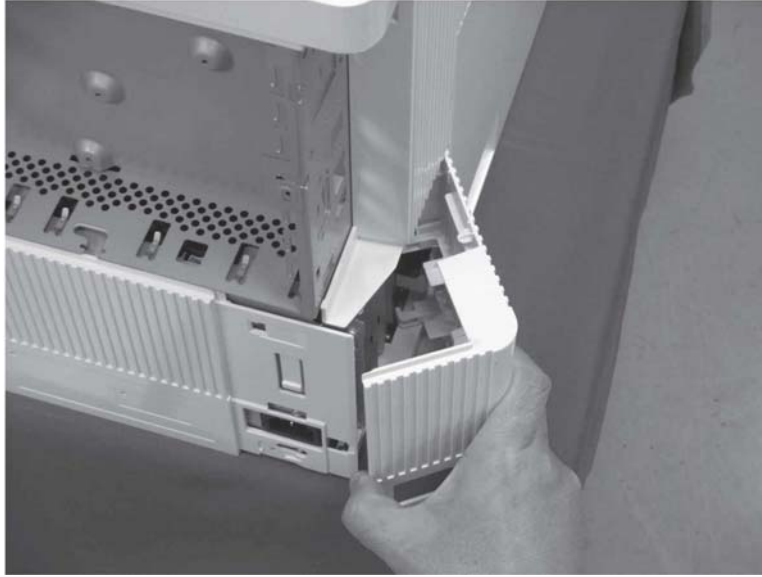
2. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2432 Remove one screw and release one tab



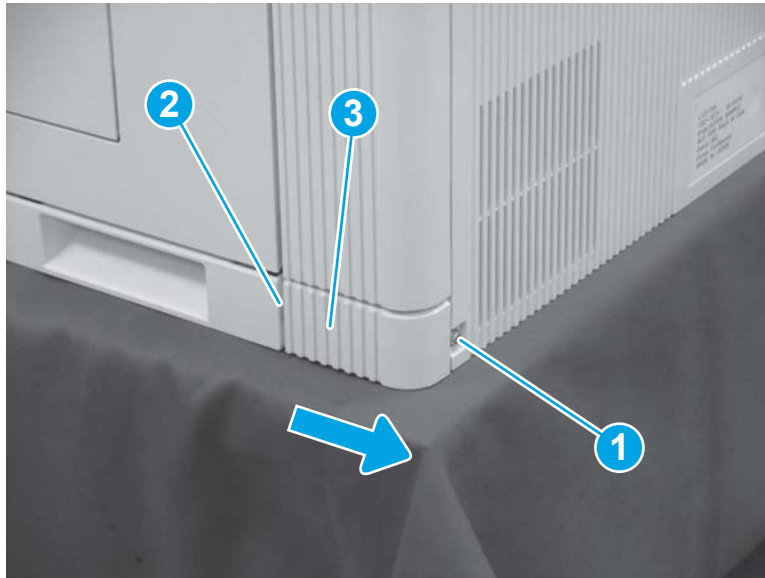
- b. Remove the left lower cover.

**Figure 1-2433** Remove the left lower cover



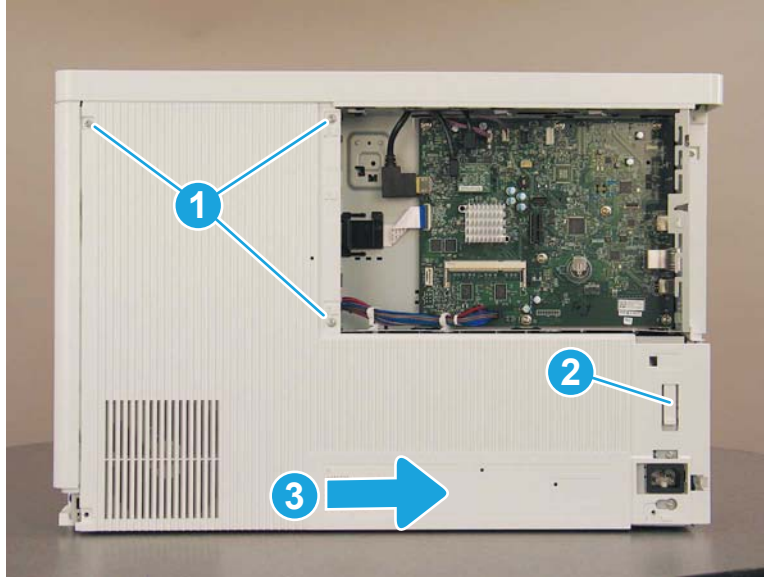
3. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-2434** Remove the right rear lower cover




4. Remove the rear cover (M751/E75245).
  - ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2435 Remove the rear cover

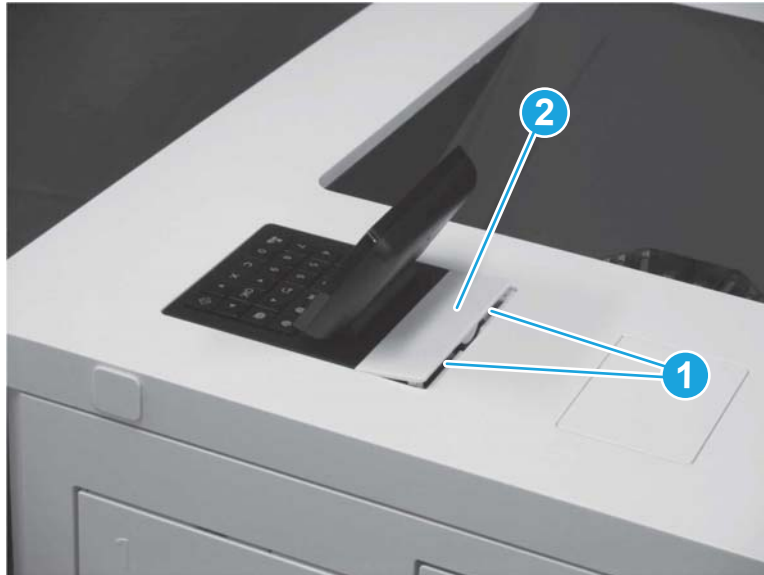


5. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2436 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2437 Remove one screw



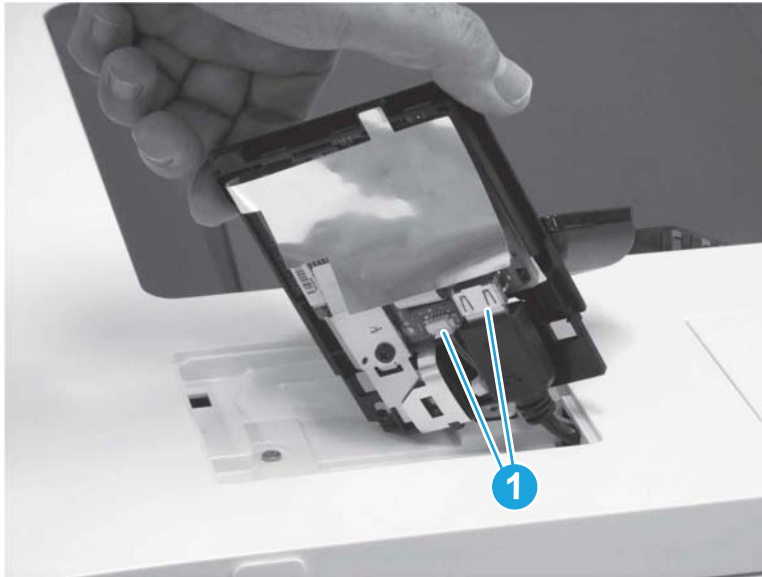
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2438 Slide the control panel back



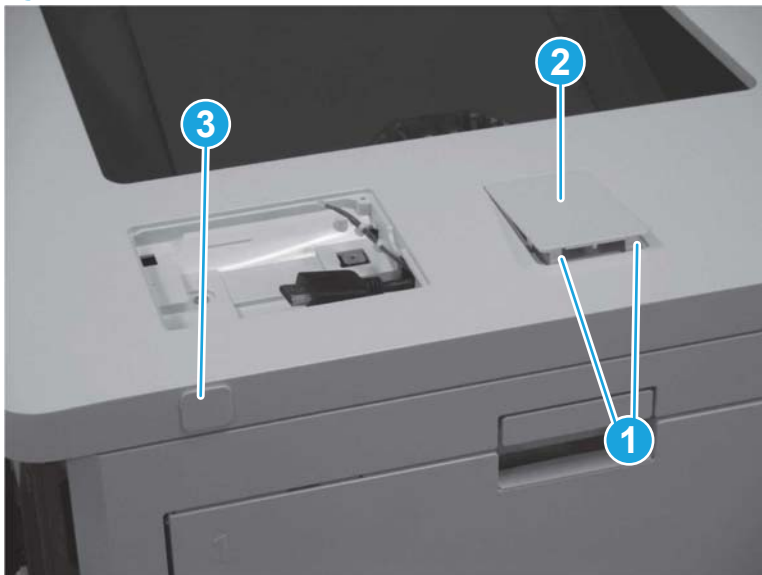
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2439 Disconnect two connectors



6. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

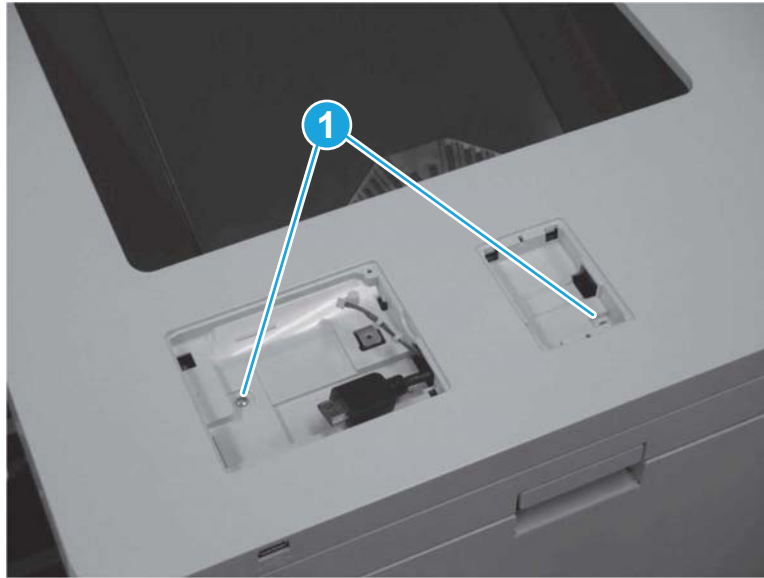
Figure 1-2440 Remove the HIP cover and USB cap





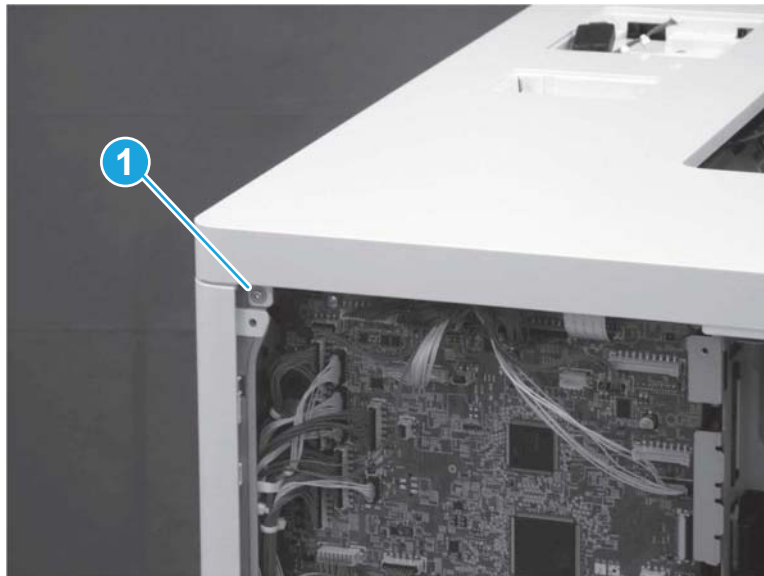
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2441 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2442 Remove one screw

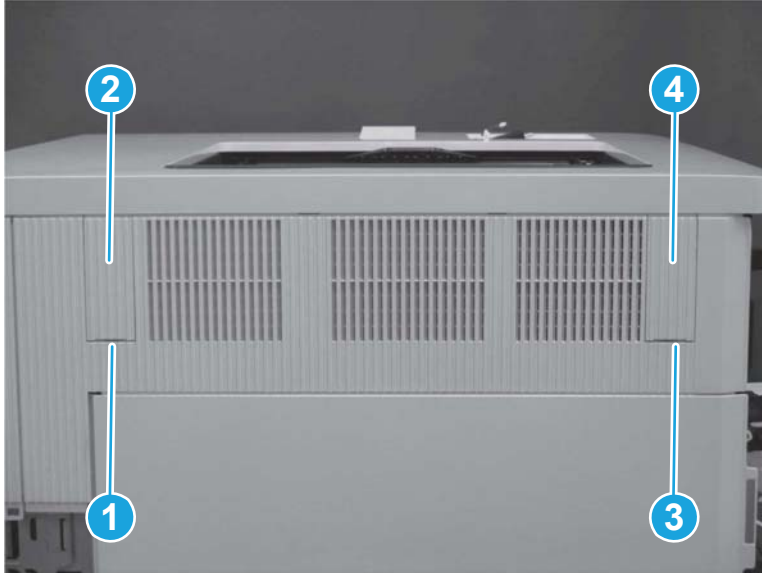


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

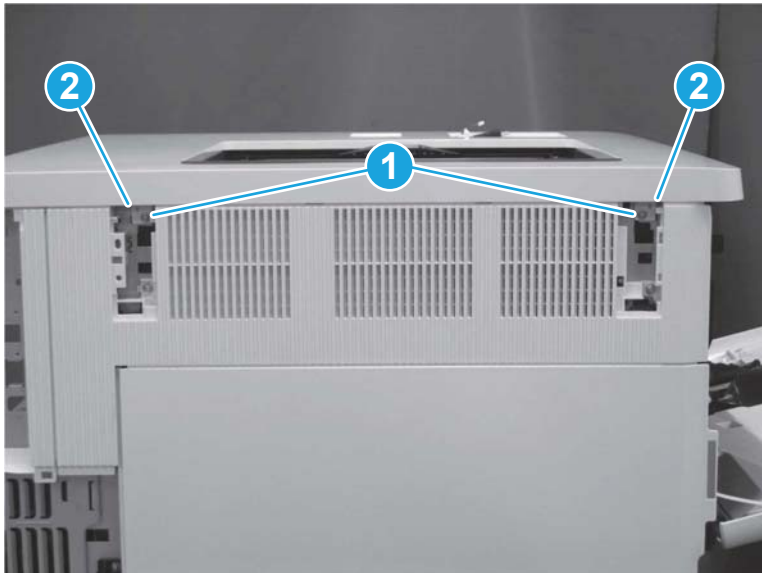
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2443** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

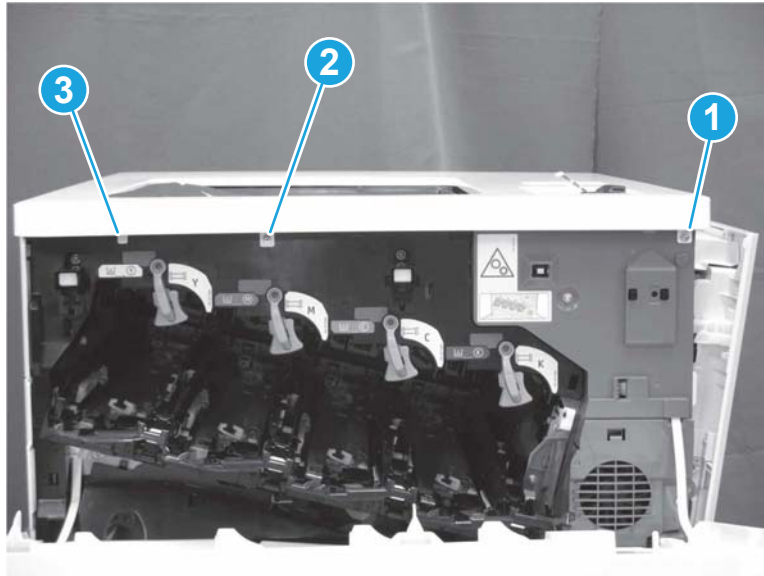
**Figure 1-2444** Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

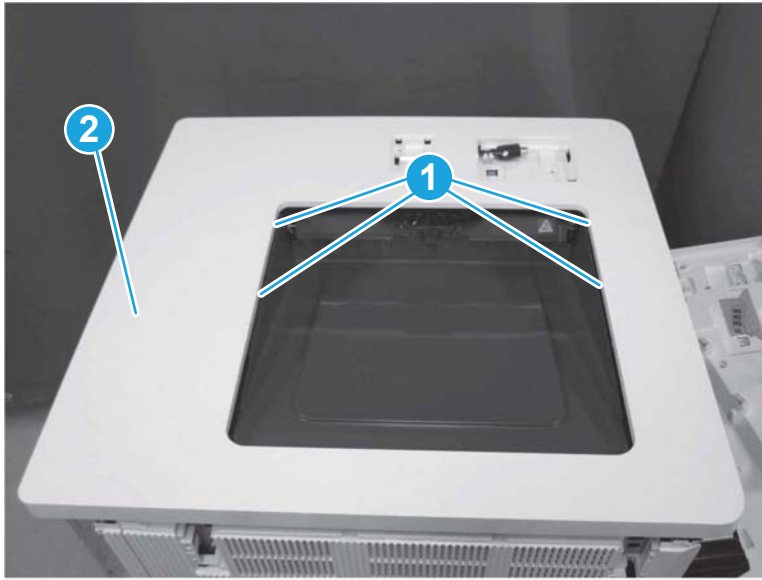
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


**Figure 1-2445** Remove two screws and release one tab

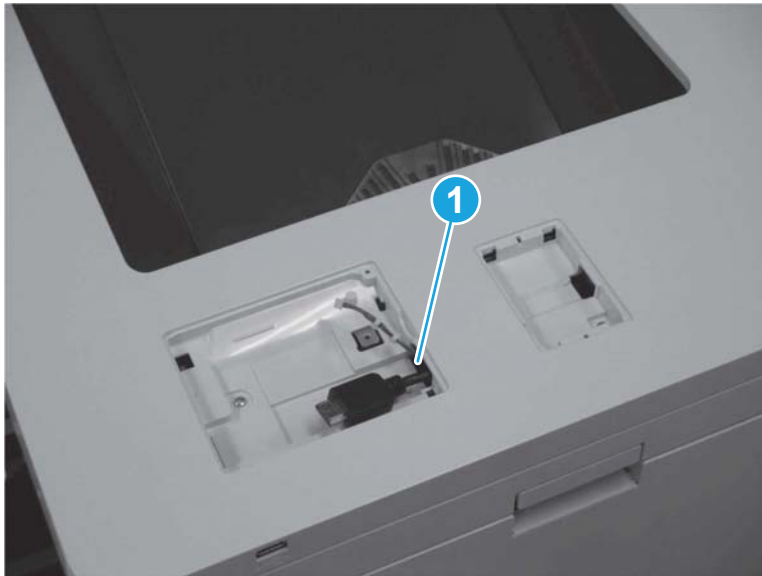


- g.** At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

**Figure 1-2446** Remove the top cover

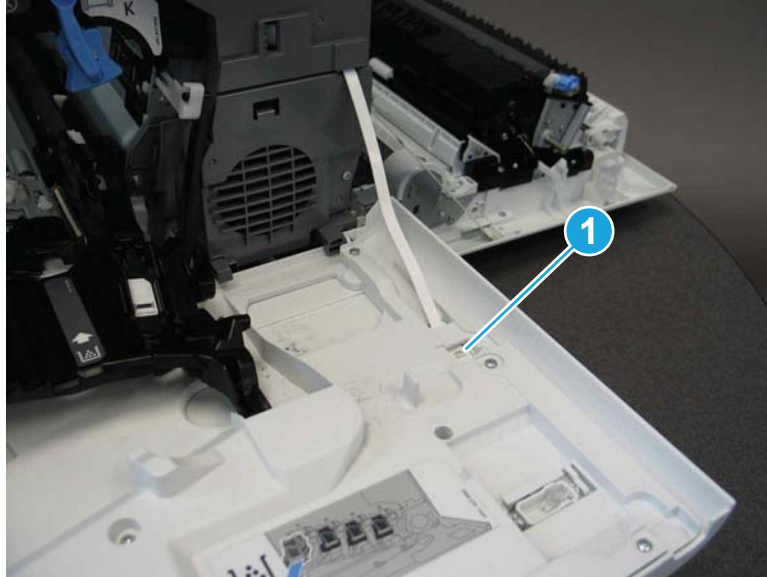


 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



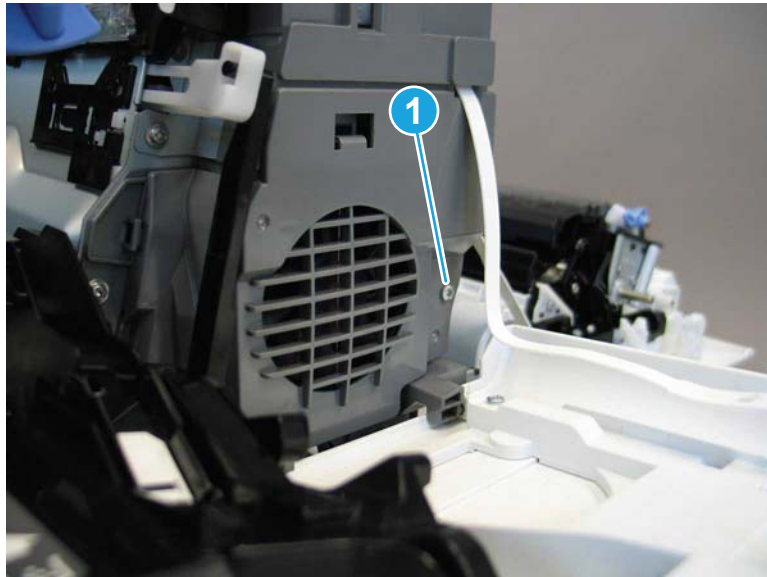
- 7.** Remove the duplex fan cover.
  - a.** Use a small, flat-blade screwdriver to release the tab (callout 1) on the right front door hinge.

Figure 1-2447 Release the hinge tab



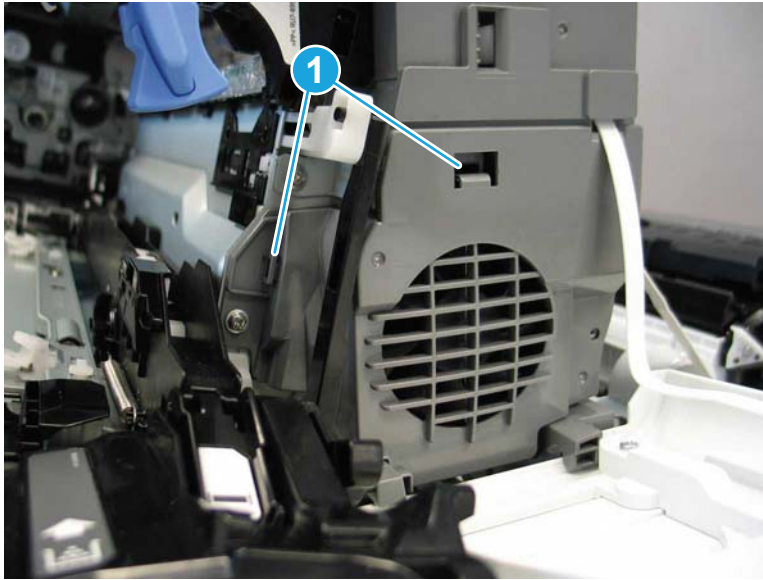
- b. Remove one screw (callout 1).

Figure 1-2448 Remove one screw



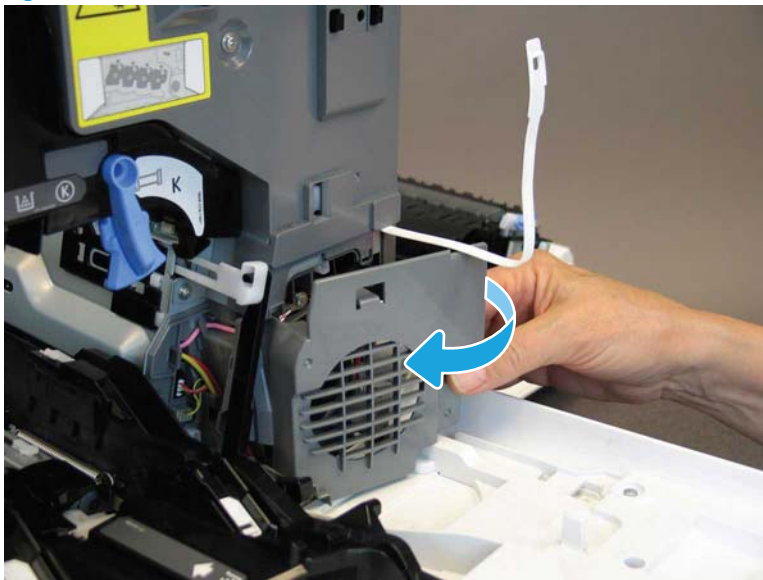
- c. Release two tabs (callout 1).

Figure 1-2449 Release two tabs



- d. Rotate the cover away from the printer to remove it.

Figure 1-2450 Remove the fan cover



- 8. Remove the front inner right upper cover.
  - a. At the top of the printer, release the wire harness (callout 1) from the guides (callout 2).


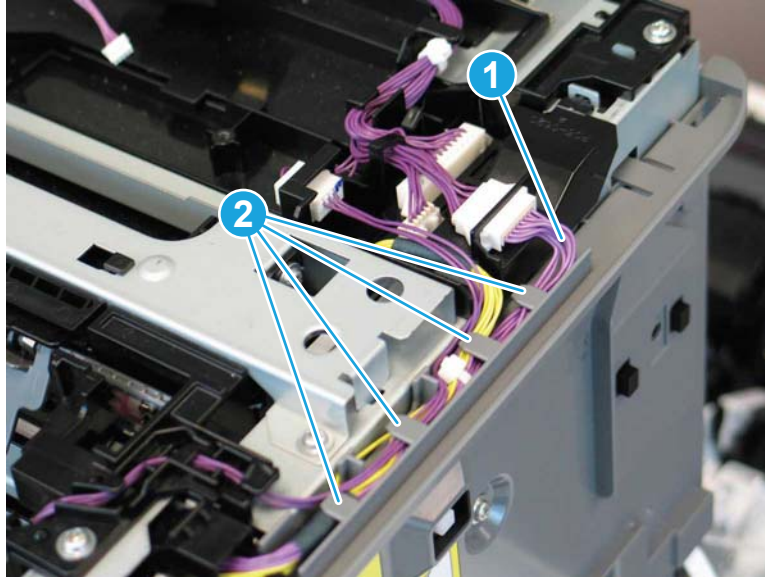
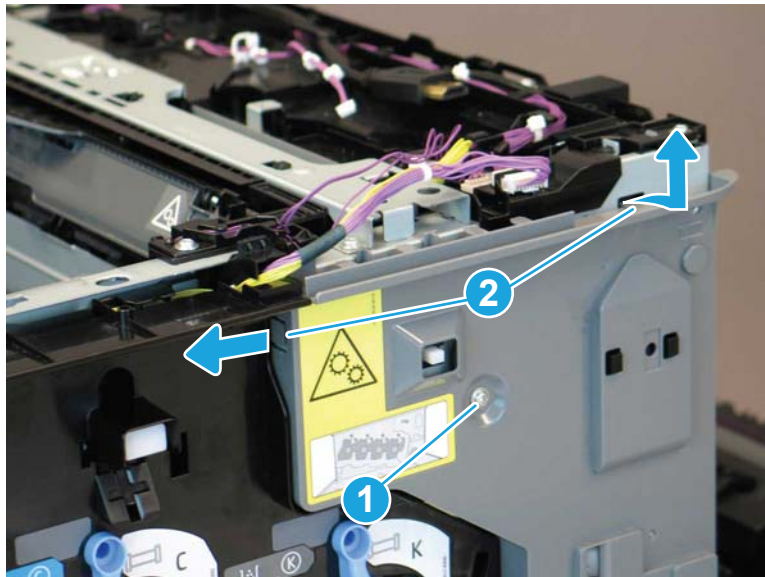
 **NOTE:** The M751 is pictured in the figures below. The procedure is correct for all referenced models.

Figure 1-2451 Release the wires from the guides



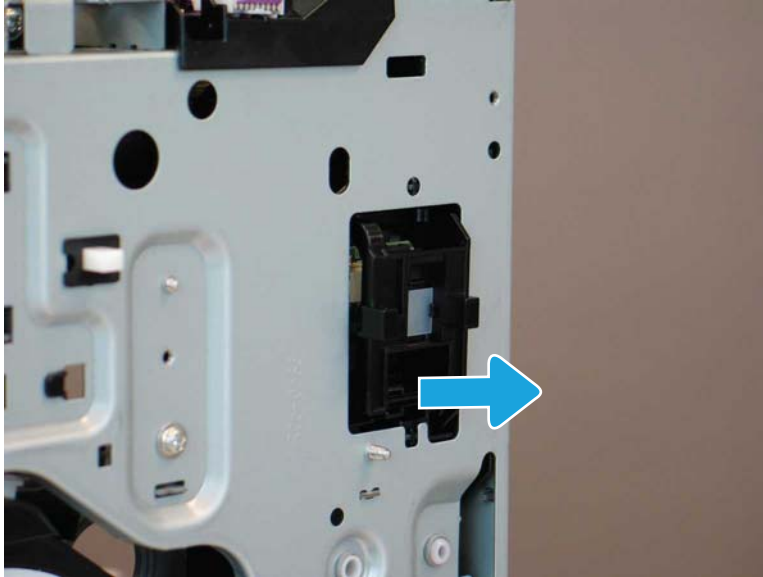
- b. Remove one screw (callout 1), release two tabs (callout 2), and then remove the front inner right upper cover.

Figure 1-2452 Remove the front inner right upper cover



- 9. Remove the power switch PCA.
  - a. Pull the power switch cover away from the printer to release it.

Figure 1-2453 Release the power switch cover



- b. Remove the power switch cover.

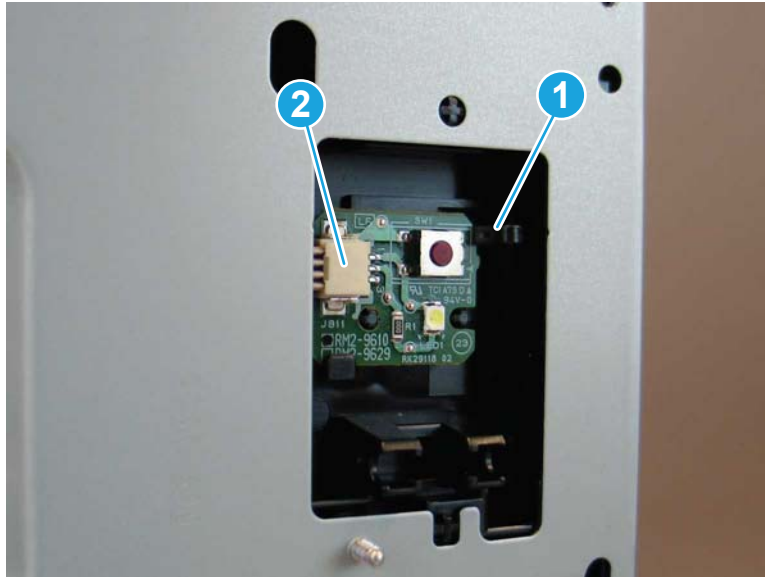
Figure 1-2454 Remove the power switch cover





- c. Release one tab (callout 1), disconnect one connector (callout 2), and then remove the power switch PCA.

**Figure 1-2455** Remove the power switch PCA



10. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Power switch PCA (M856/E85055)

Learn how to remove and replace the power switch PCA.


Mean time to repair: 12 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-124 Part information

Part number	Part description
RM2-9610-000CN	Power switch PCB assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

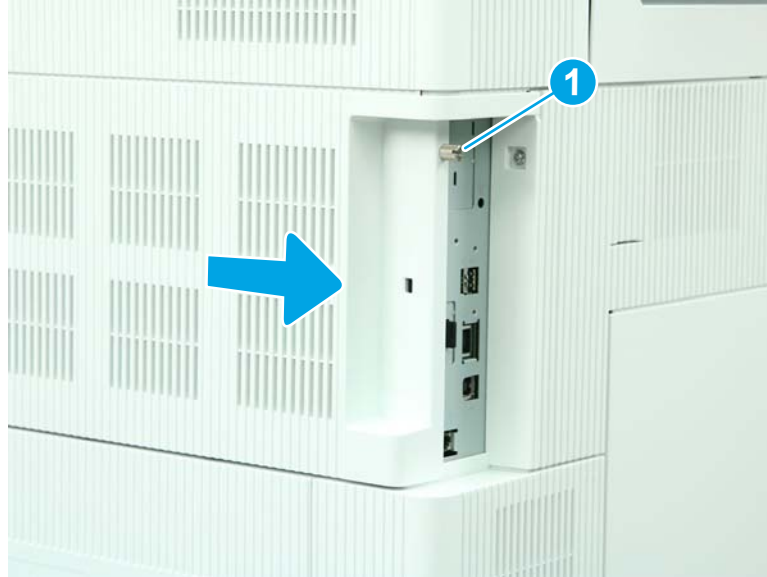
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2456 Remove the formatter cover

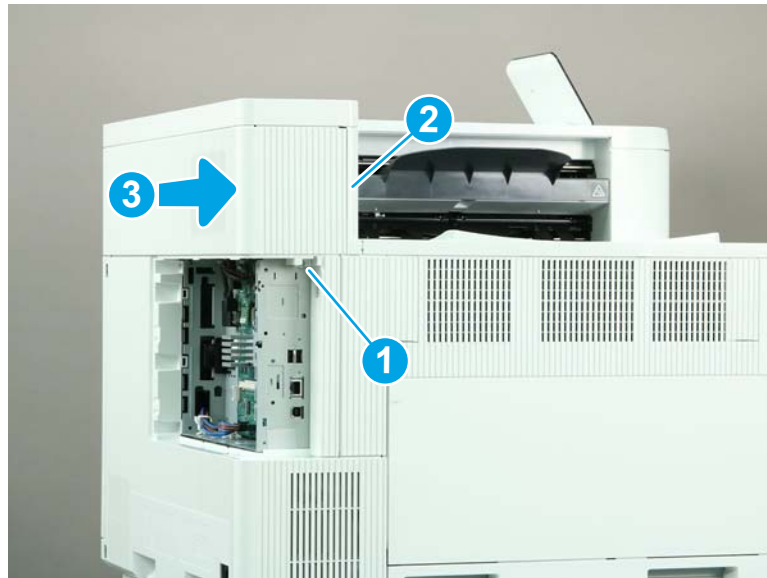


2. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2457 Remove the rear upper cover



3. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2458 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2459 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

**Figure 1-2460** Slide the control panel back



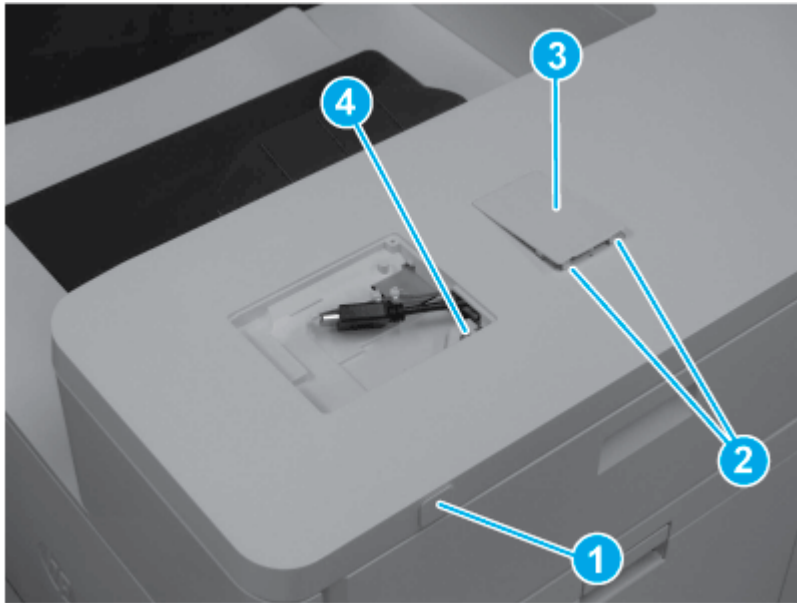
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

**Figure 1-2461** Disconnect two connectors



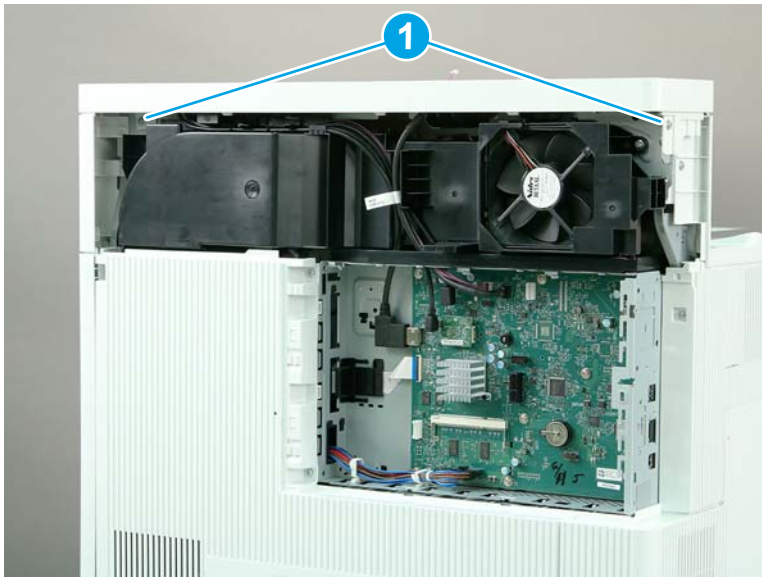
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2462 Remove covers and one screw



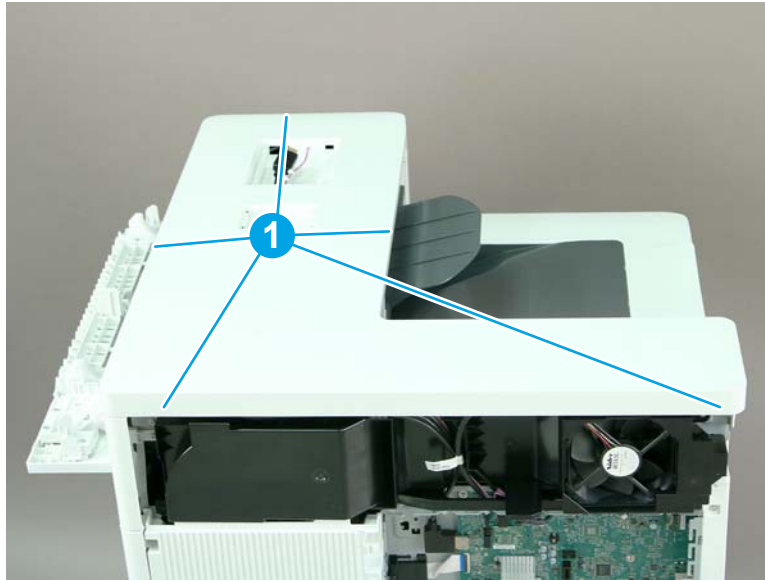
- f. Remove two screws (callout 1).

Figure 1-2463 Remove two screws



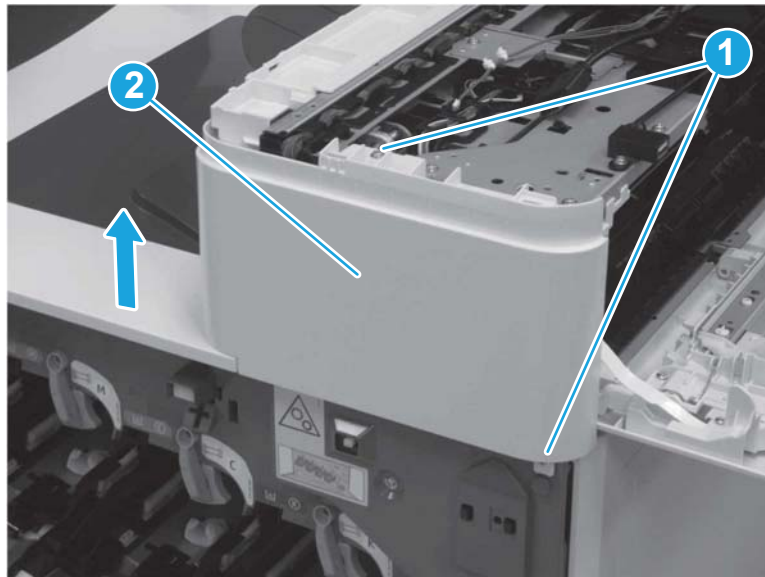
- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-2464 Release five tabs



- 4. Remove the right front cover (M856/E85055/M776dn/M776z).
  - ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

Figure 1-2465 Remove the right front cover

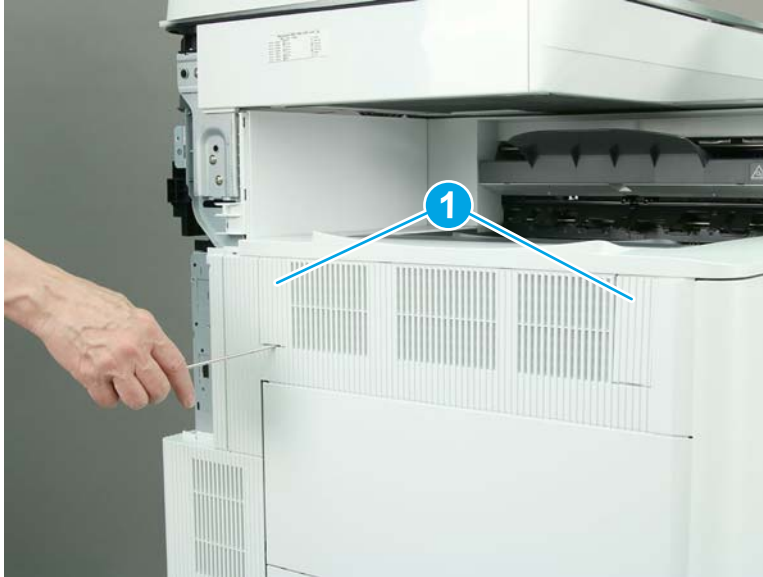


- 5. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

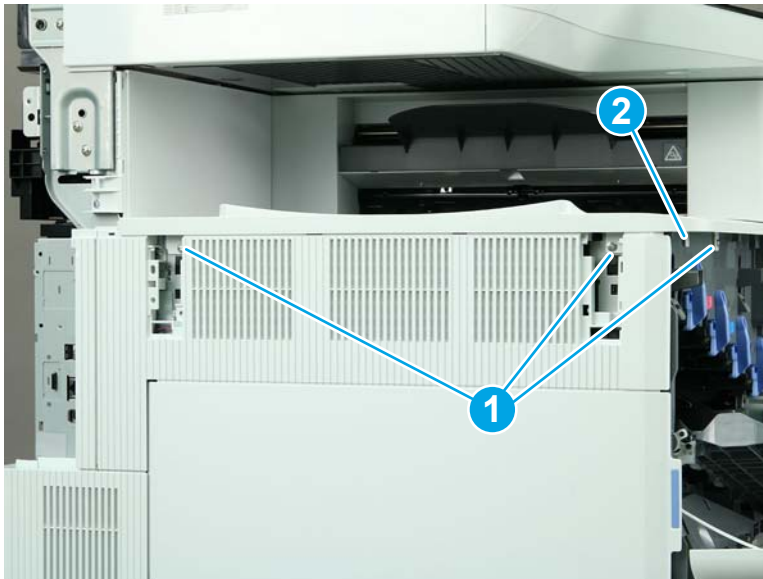
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2466 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2467 Remove three screws and release one tab





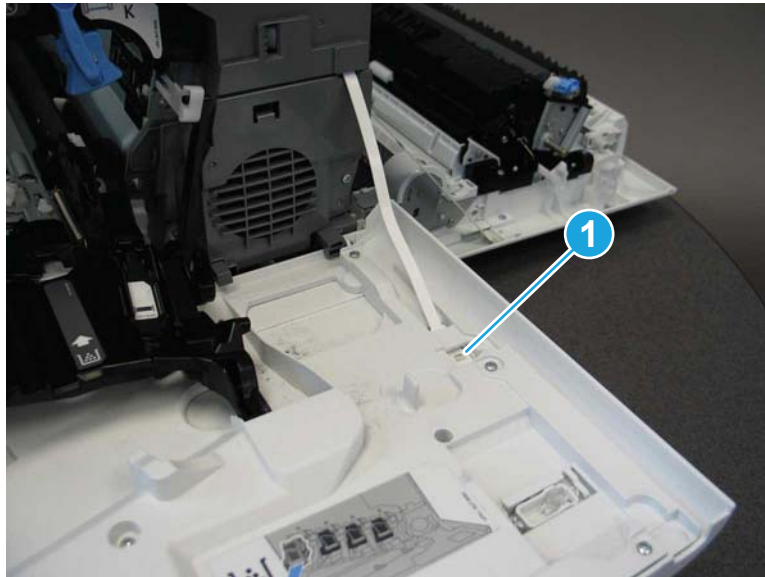
- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-2468** Remove the accessory upper cover



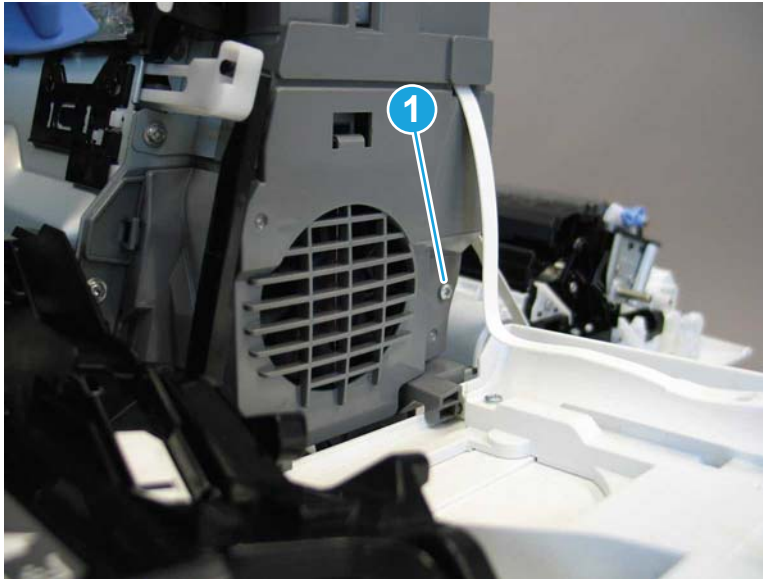
- 6. Remove the duplex fan cover.
  - a. Use a small, flat-blade screwdriver to release the tab (callout 1) on the right front door hinge.

**Figure 1-2469** Release the hinge tab



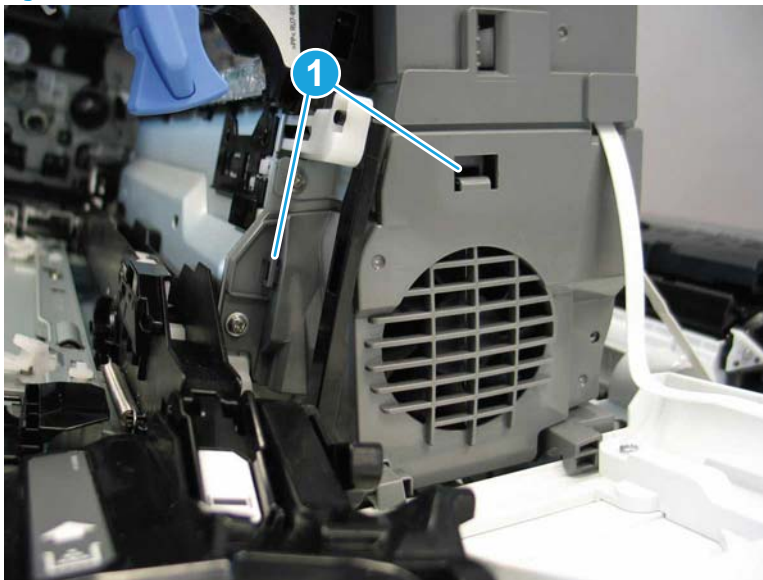
- b. Remove one screw (callout 1).

Figure 1-2470 Remove one screw



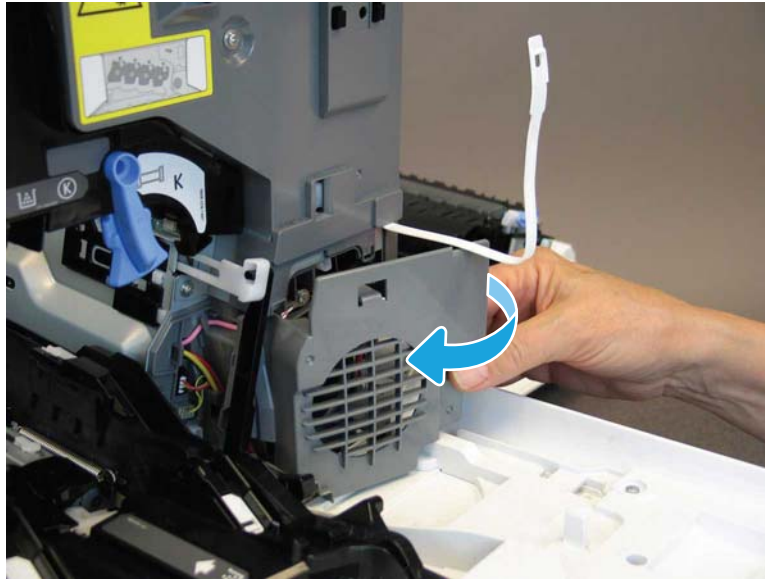
- c. Release two tabs (callout 1).

Figure 1-2471 Release two tabs



- d. Rotate the cover away from the printer to remove it.

Figure 1-2472 Remove the fan cover



- 7. Remove the front inner right upper cover.
  - a. At the top of the printer, release the wire harness (callout 1) from the guides (callout 2).


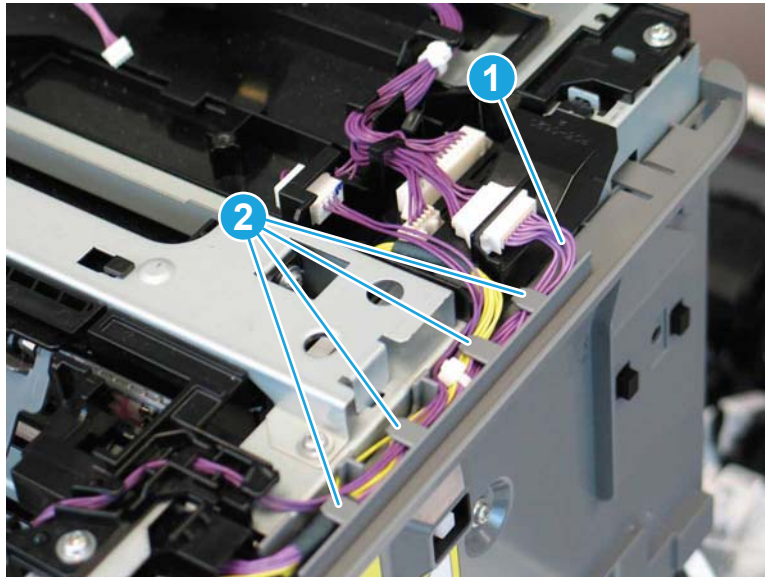
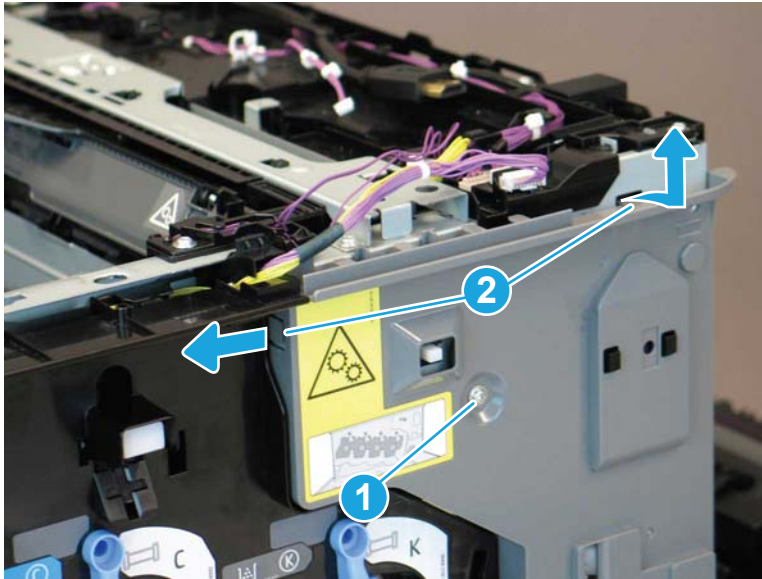
 **NOTE:** The M751 is pictured in the figures below. The procedure is correct for all referenced models.

Figure 1-2473 Release the wires from the guides



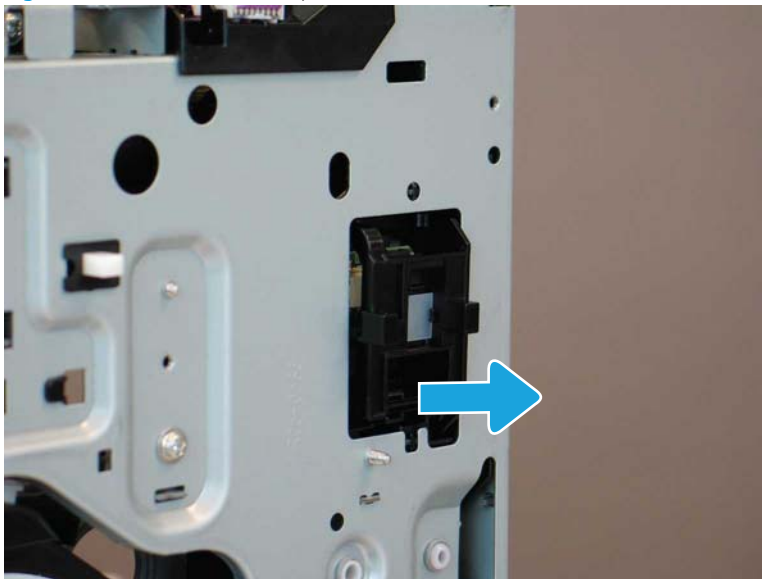
- b. Remove one screw (callout 1), release two tabs (callout 2), and then remove the front inner right upper cover.

Figure 1-2474 Remove the front inner right upper cover



- 8. Remove the power switch PCA.
  - a. Pull the power switch cover away from the printer to release it.

Figure 1-2475 Release the power switch cover



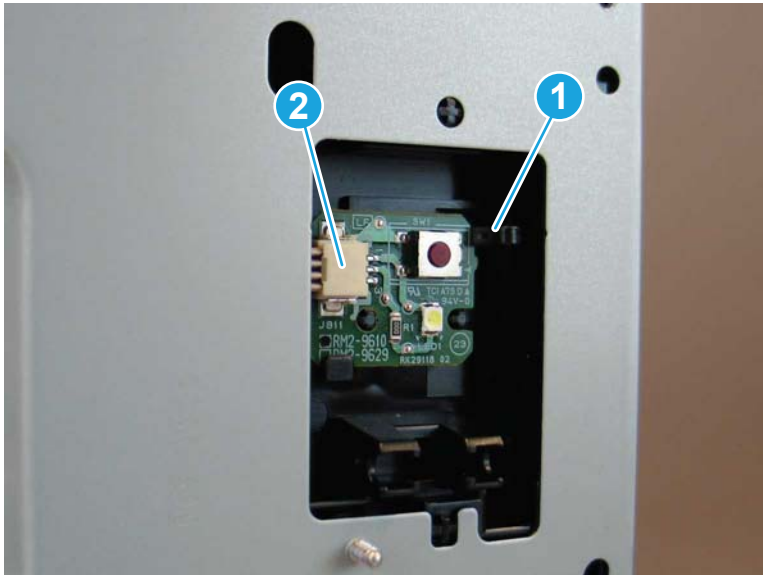
- b. Remove the power switch cover.

**Figure 1-2476** Remove the power switch cover




- c. Release one tab (callout 1), disconnect one connector (callout 2), and then remove the power switch PCA.

**Figure 1-2477** Remove the power switch PCA



9. Unpack the replacement assembly.
  - a. Dispose of the defective part.



---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Power switch PCA (M776dn/M776z)

Learn how to remove and replace the power switch PCA.

 [View a video of how to remove and replace the power switch PCA.](#)


Mean time to repair: 12 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-125** Part information

Part number	Part description
RM2-9610-000CN	Power switch PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

**Figure 1-2478** Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-2479** Release the control panel cover



- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

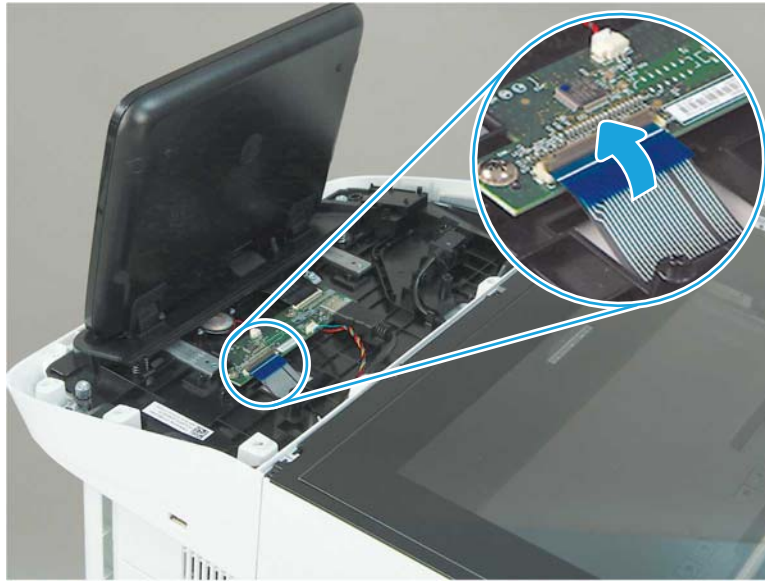
**Figure 1-2480** Remove the control panel cover





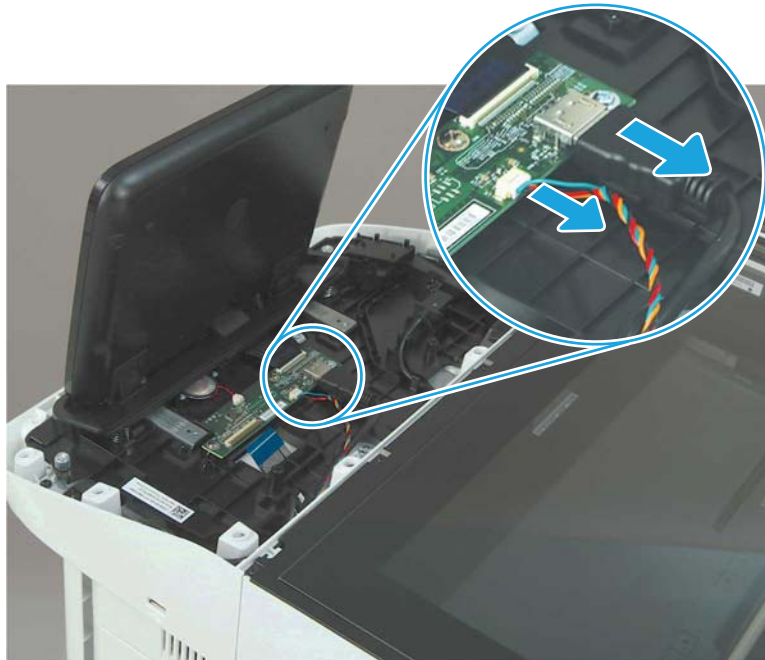
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-2481** Release the keyboard flat cable (M776z/M776zs)



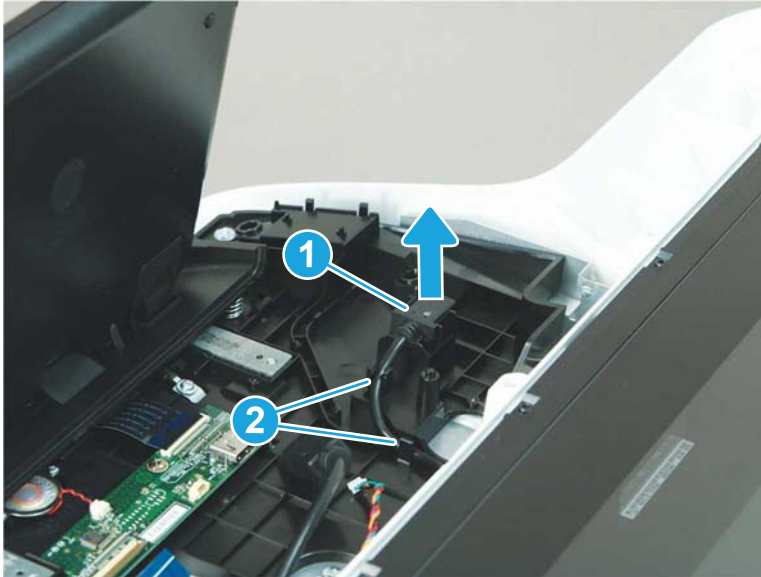
- e. Disconnect two connectors

**Figure 1-2482** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-2483 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-2484 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-2485 Remove the control panel



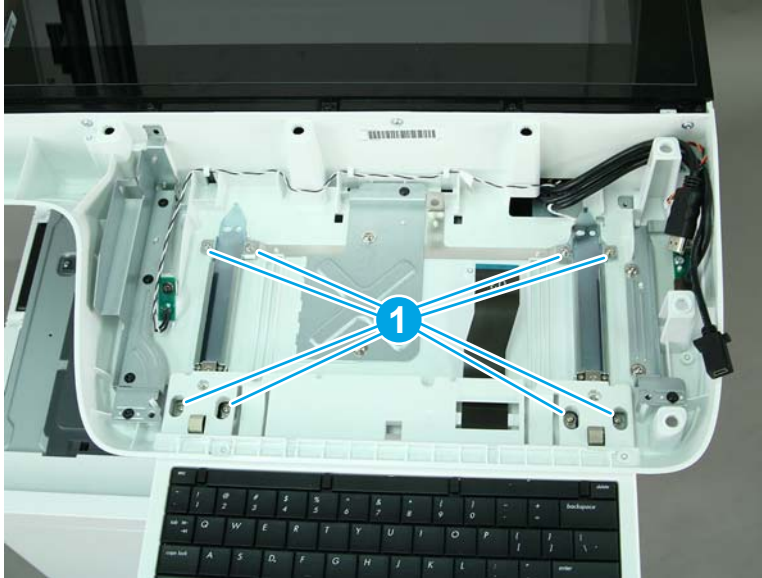
- 2. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-2486 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-2487 Remove eight screws



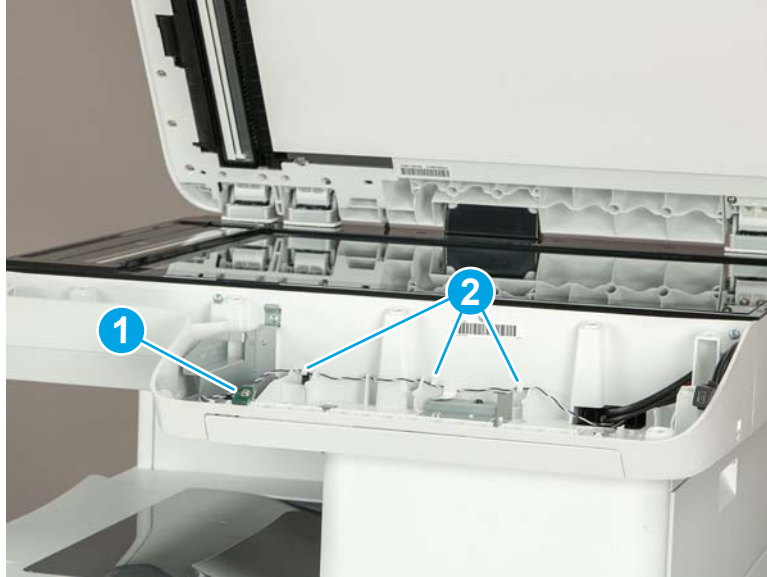
- c. Remove the keyboard and rails.

Figure 1-2488 Remove the keyboard and rails



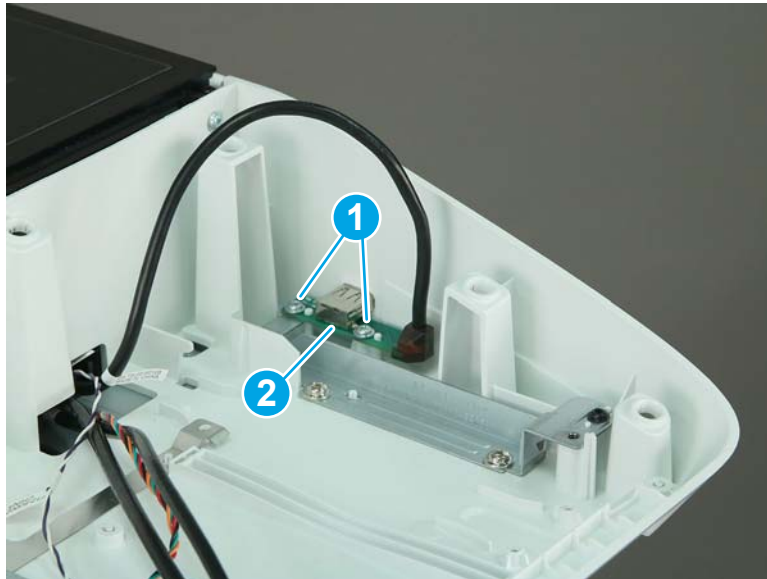
- 3. Remove the nose cone (M776).
  - a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-2489 Release the light PCA



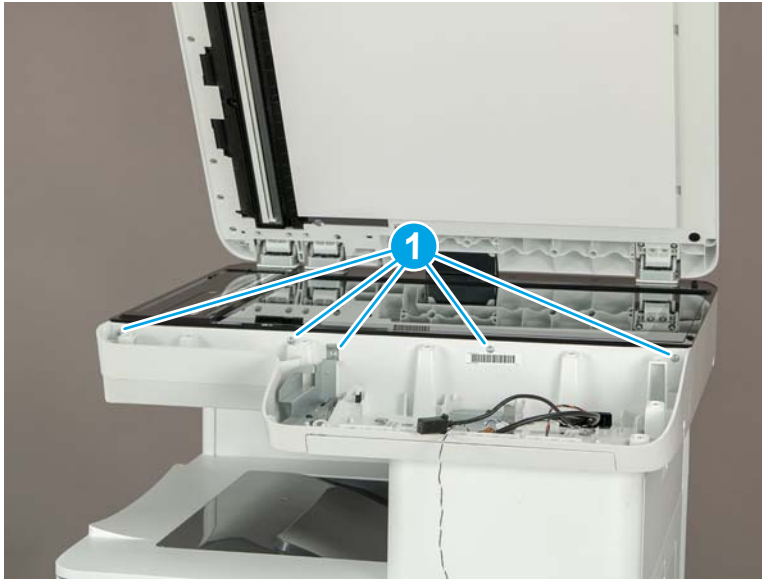
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-2490 Release the USB port PCA



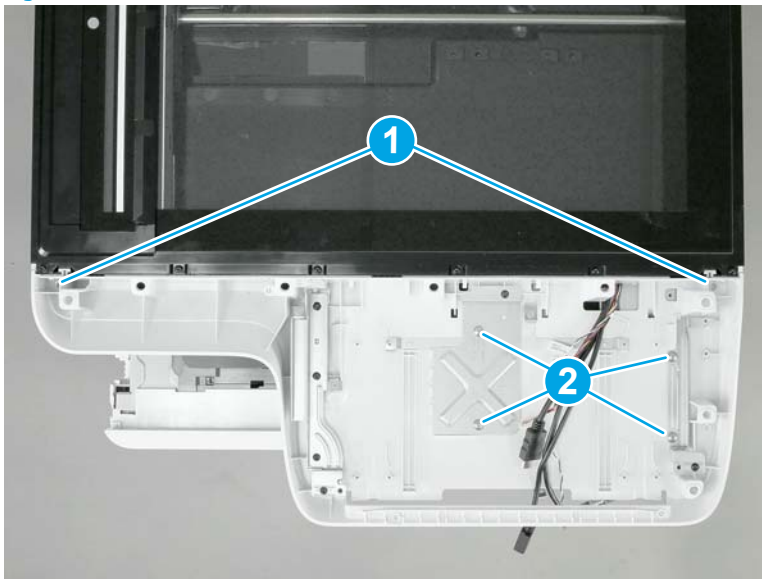
- c. Remove five screws (callout 1).

Figure 1-2491 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

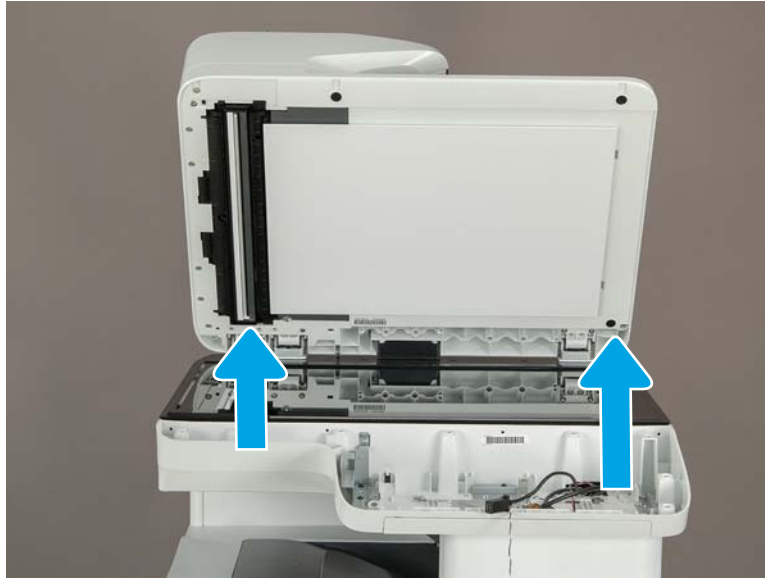
Figure 1-2492 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

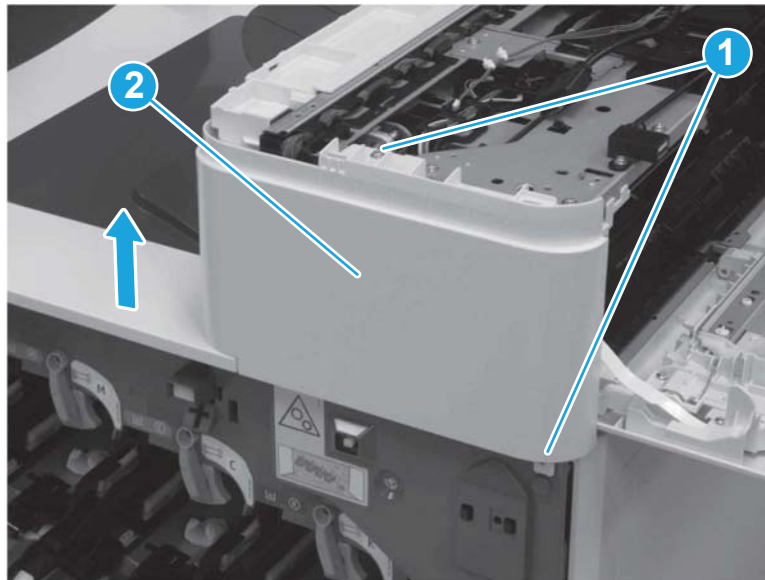
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

**Figure 1-2493** Remove the nose cone



- 4. Remove the right front cover (M856/E85055/M776dn/M776z).
  - ▲ Remove two screws (callout 1), and then slide the right front cover (callout 2) up to remove it.

**Figure 1-2494** Remove the right front cover

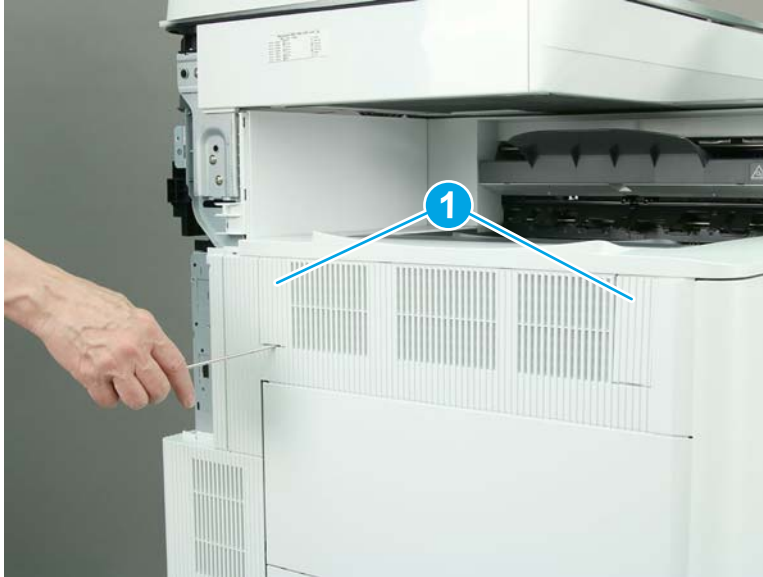


- 5. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

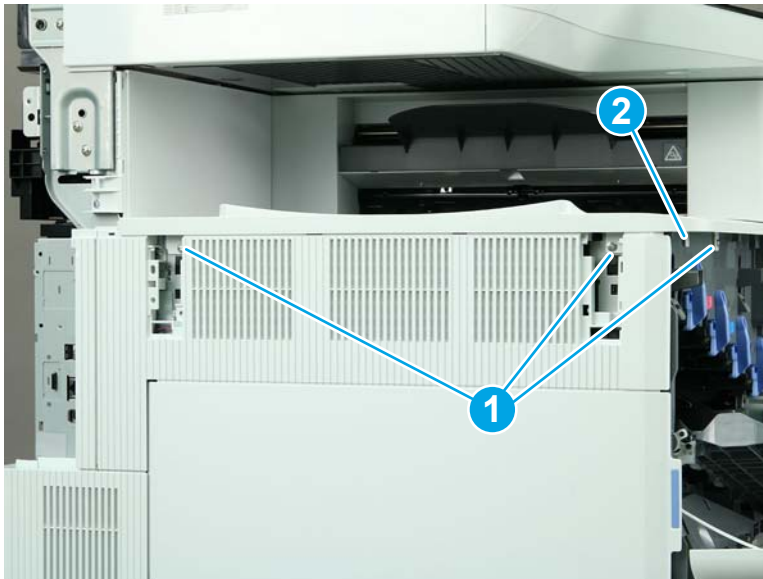
- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2495 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2496 Remove three screws and release one tab





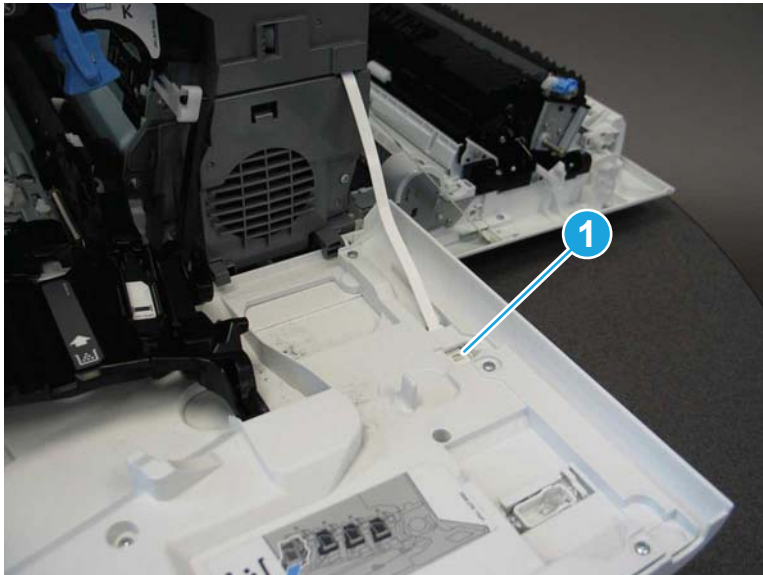
- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-2497** Remove the accessory upper cover



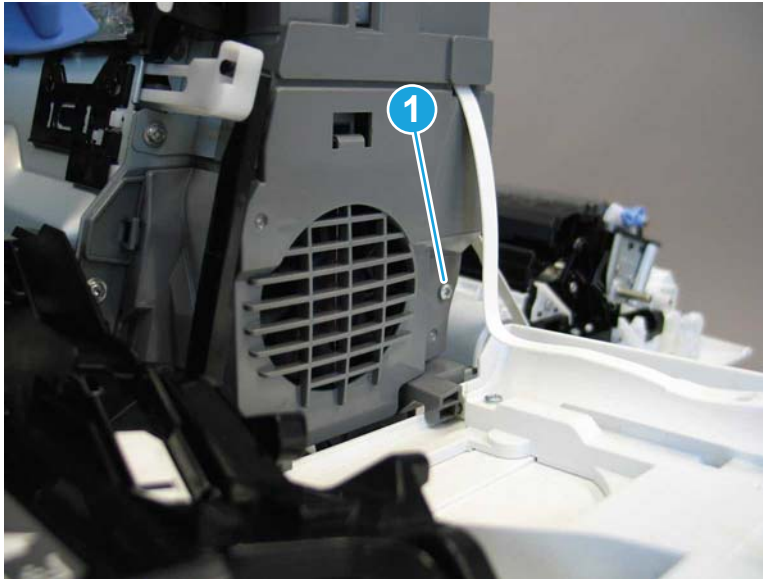
6. Remove the duplex fan cover.
  - a. Use a small, flat-blade screwdriver to release the tab (callout 1) on the right front door hinge.

**Figure 1-2498** Release the hinge tab



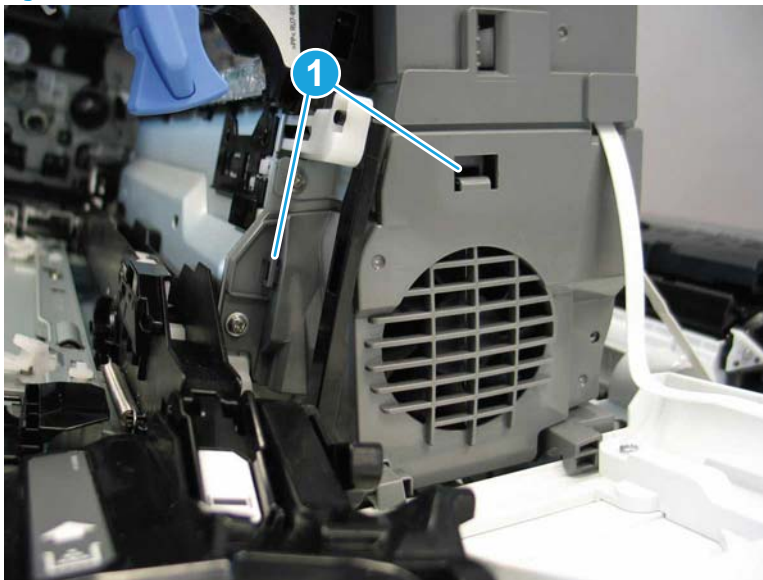
- b. Remove one screw (callout 1).

Figure 1-2499 Remove one screw



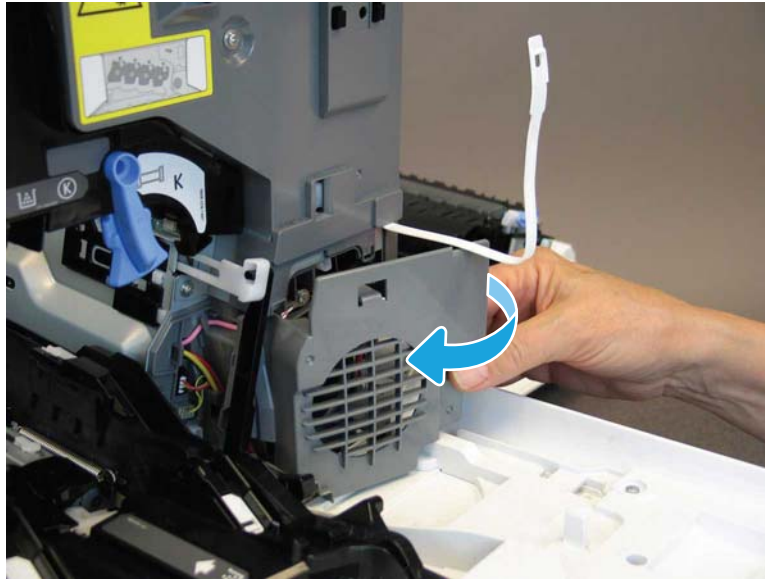
- c. Release two tabs (callout 1).

Figure 1-2500 Release two tabs




- d. Rotate the cover away from the printer to remove it.

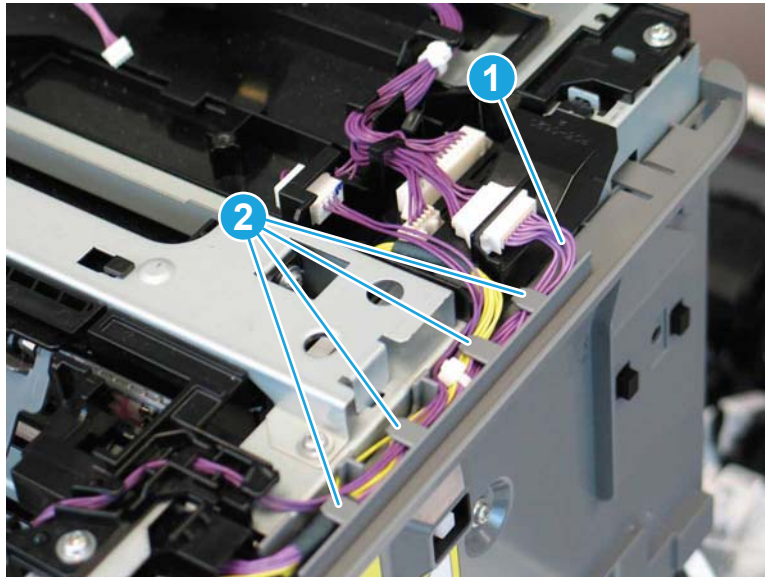
**Figure 1-2501** Remove the fan cover



- 7. Remove the front inner right upper cover.
  - a. At the top of the printer, release the wire harness (callout 1) from the guides (callout 2).

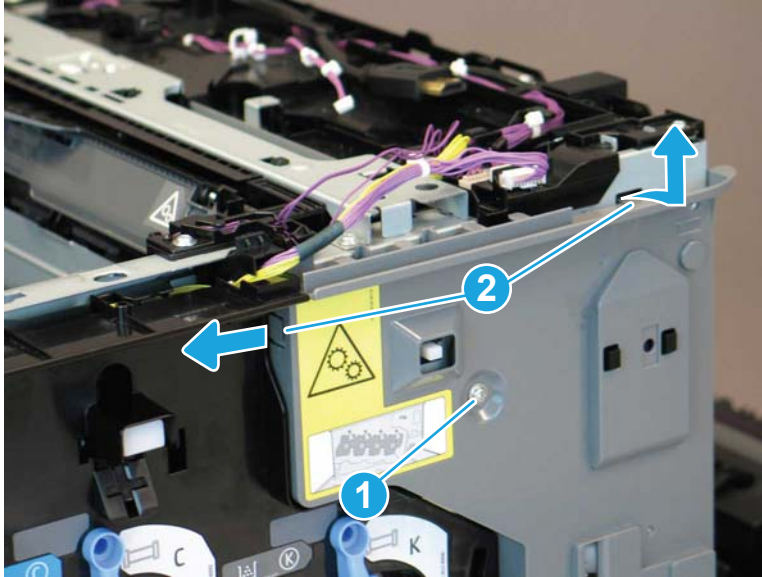
 **NOTE:** The M751 is pictured in the figures below. The procedure is correct for all referenced models.

**Figure 1-2502** Release the wires from the guides



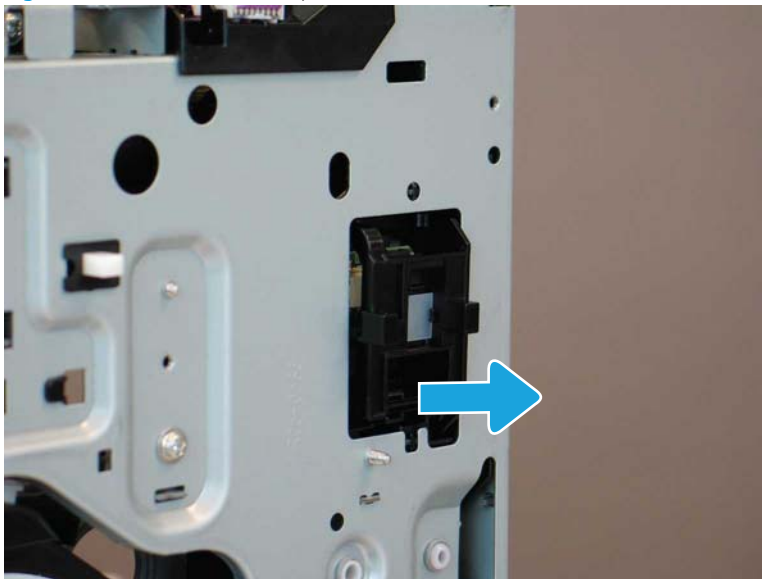
- b. Remove one screw (callout 1), release two tabs (callout 2), and then remove the front inner right upper cover.

Figure 1-2503 Remove the front inner right upper cover



- 8. Remove the power switch PCA.
  - a. Pull the power switch cover away from the printer to release it.

Figure 1-2504 Release the power switch cover



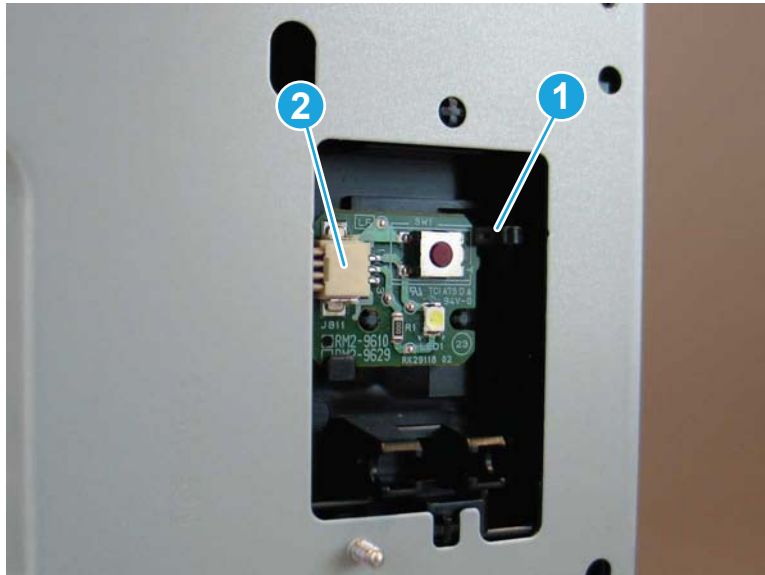
- b. Remove the power switch cover.

**Figure 1-2505** Remove the power switch cover




- c. Release one tab (callout 1), disconnect one connector (callout 2), and then remove the power switch PCA.

**Figure 1-2506** Remove the power switch PCA



- 9. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---



 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

---

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Power switch PCA (M776zs)

Learn how to remove and replace the power switch PCA.

Mean time to repair: 12 minutes


Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

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 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-126** Part information

Part number	Part description
RM2-9610-000CN	Power switch PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

**Figure 1-2507** Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

**Figure 1-2508** Release the control panel cover



- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

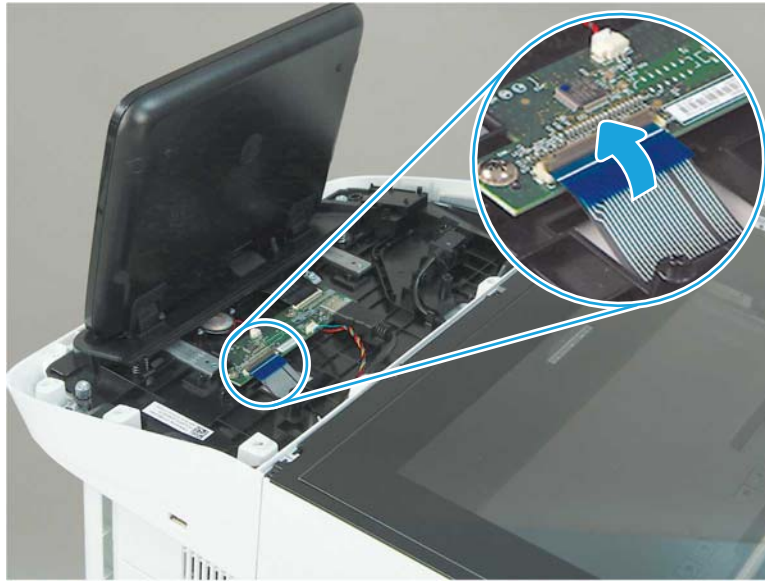
**Figure 1-2509** Remove the control panel cover





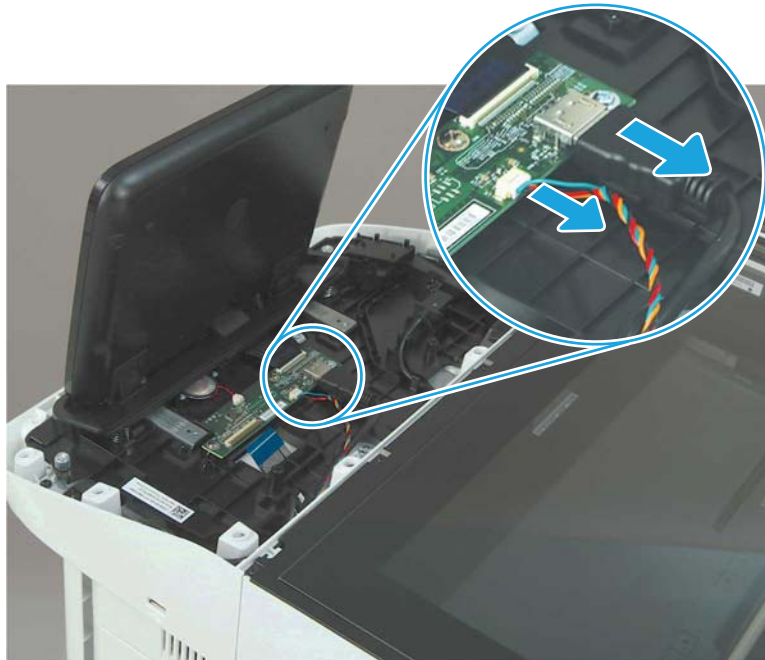
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

**Figure 1-2510** Release the keyboard flat cable (M776z/M776zs)



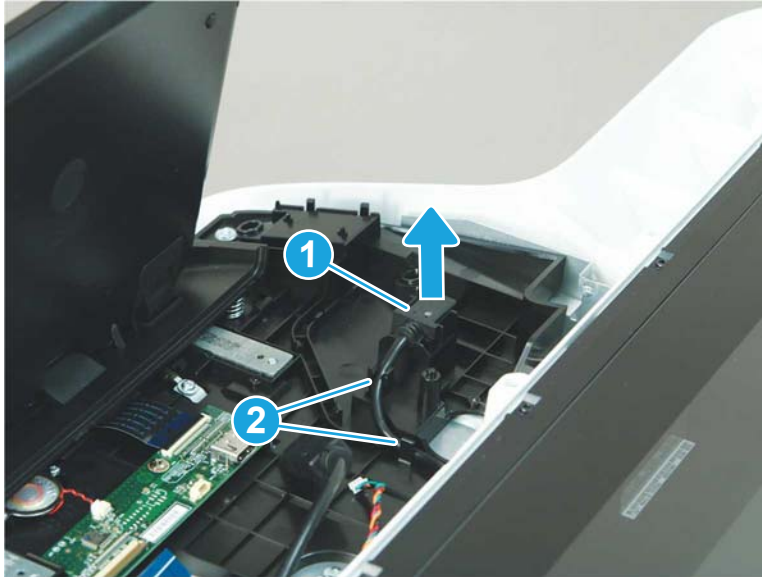
- e. Disconnect two connectors

**Figure 1-2511** Disconnect two connectors



- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-2512 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-2513 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-2514 Remove the control panel



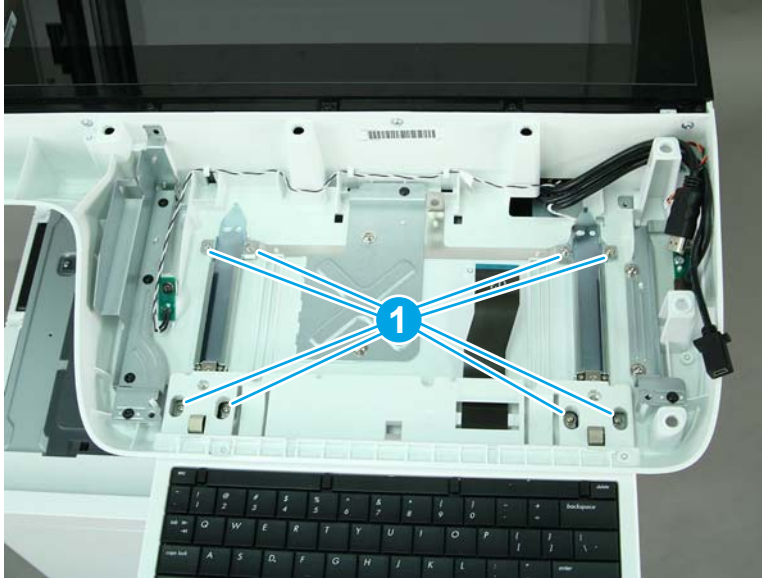
- 2. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-2515 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-2516 Remove eight screws



- c. Remove the keyboard and rails.

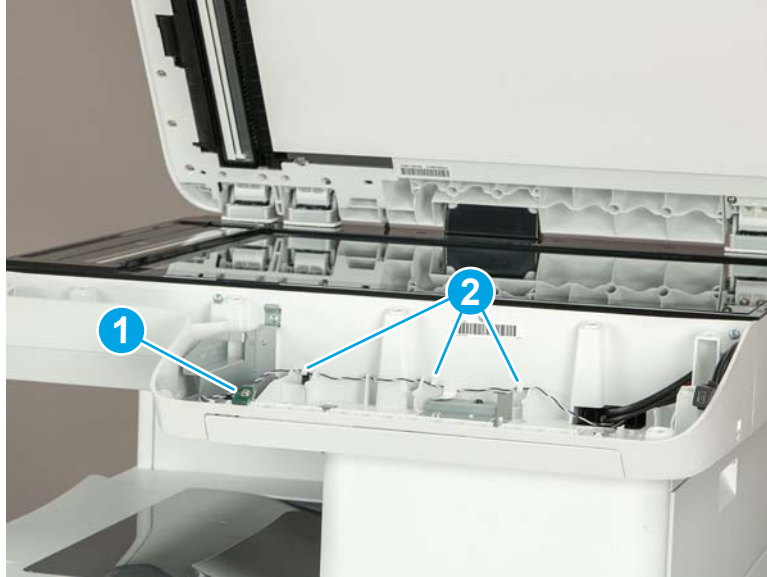
Figure 1-2517 Remove the keyboard and rails



- 3. Remove the nose cone (M776).

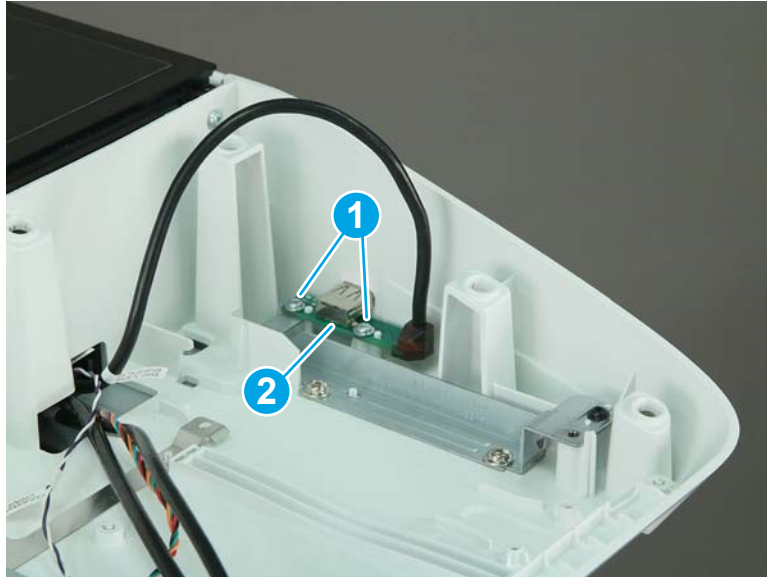
- a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-2518 Release the light PCA



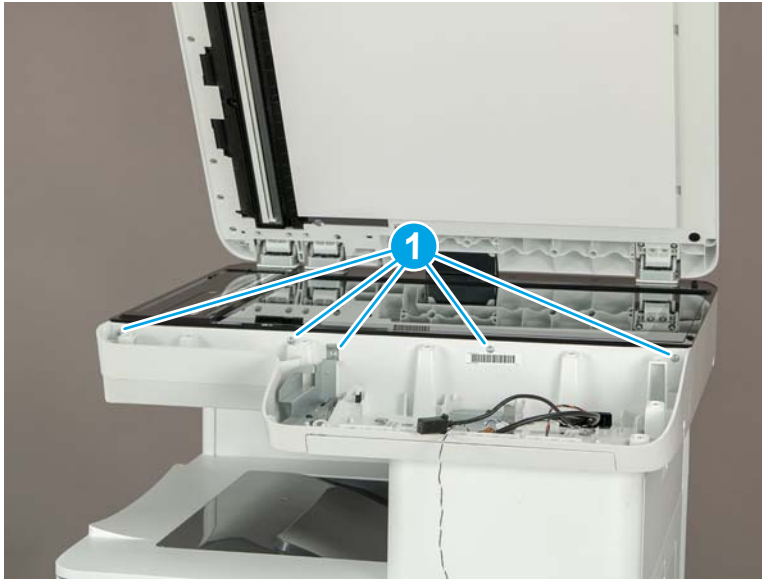
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-2519 Release the USB port PCA



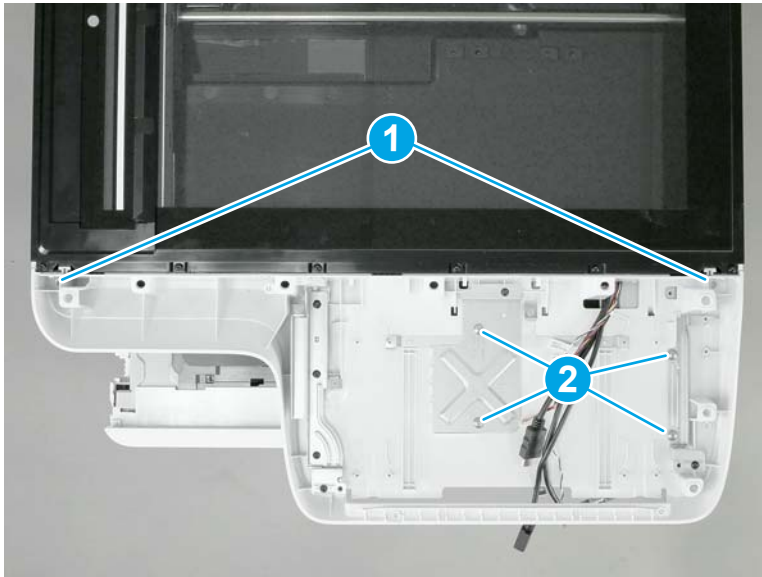
- c. Remove five screws (callout 1).

Figure 1-2520 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

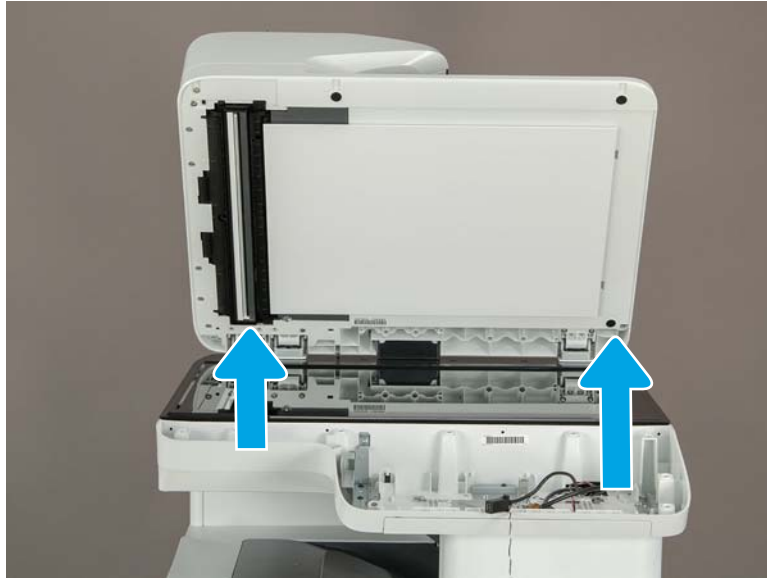
Figure 1-2521 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

Figure 1-2522 Remove the nose cone



- 4. Remove the front cover (M776zs).

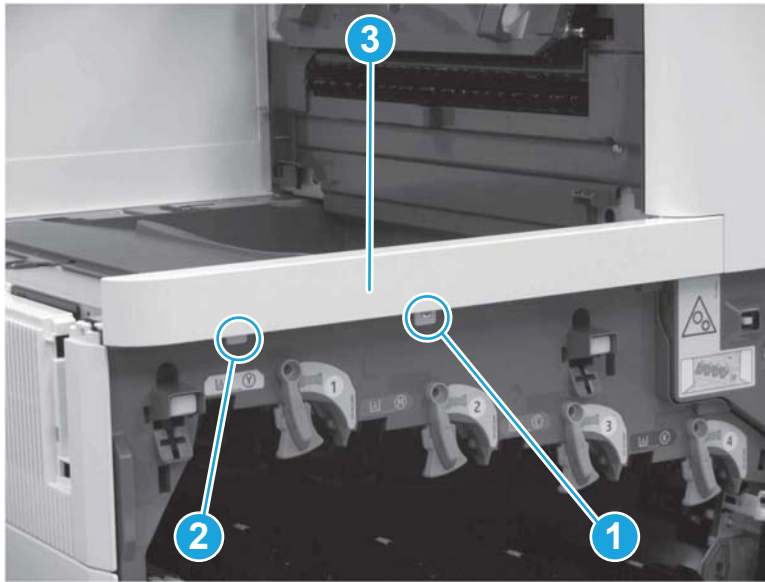
- a. Open the front door.

Figure 1-2523 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

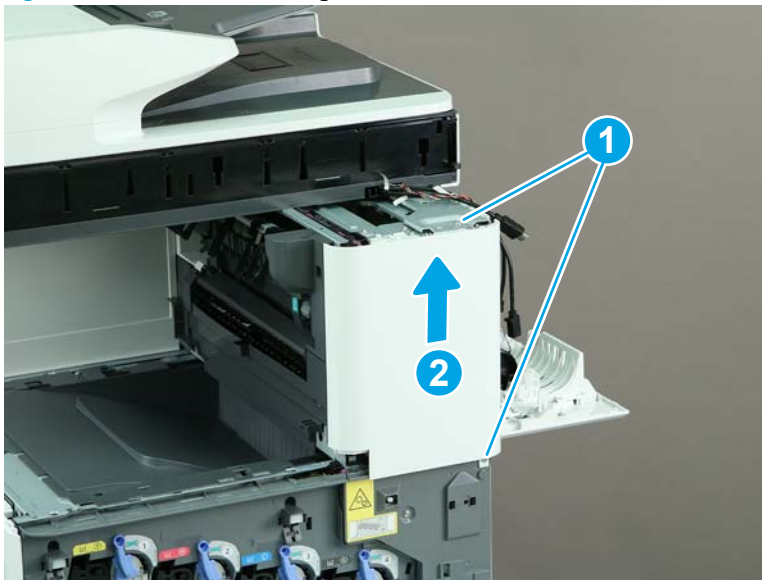
Figure 1-2524 Remove the front cover



5. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

Figure 1-2525 Remove the right front cover

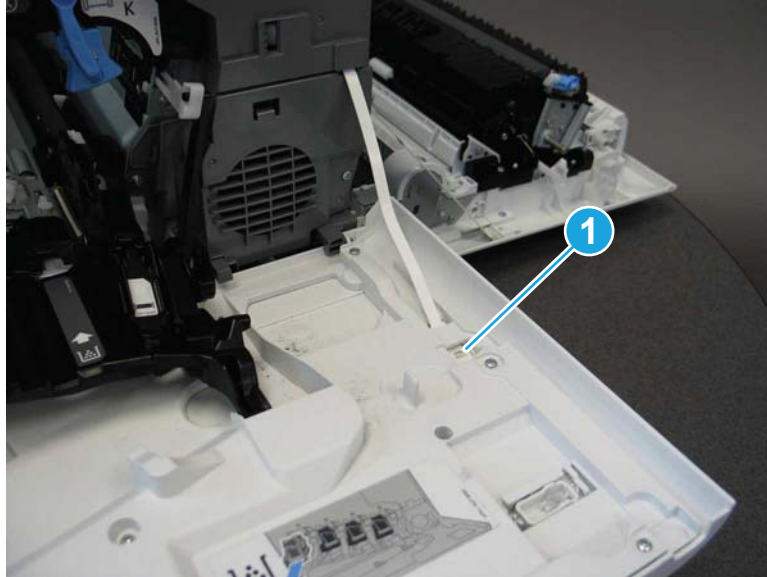


6. Remove the duplex fan cover.

- a. Use a small, flat-blade screwdriver to release the tab (callout 1) on the right front door hinge.

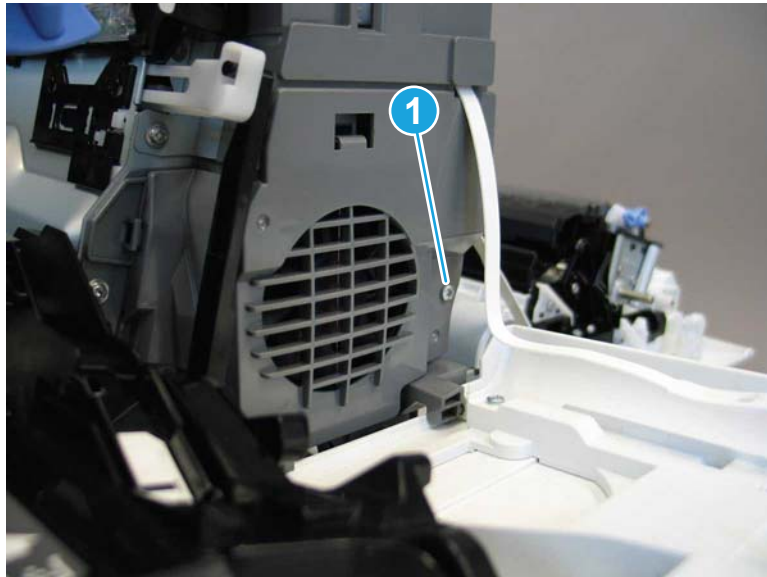


Figure 1-2526 Release the hinge tab



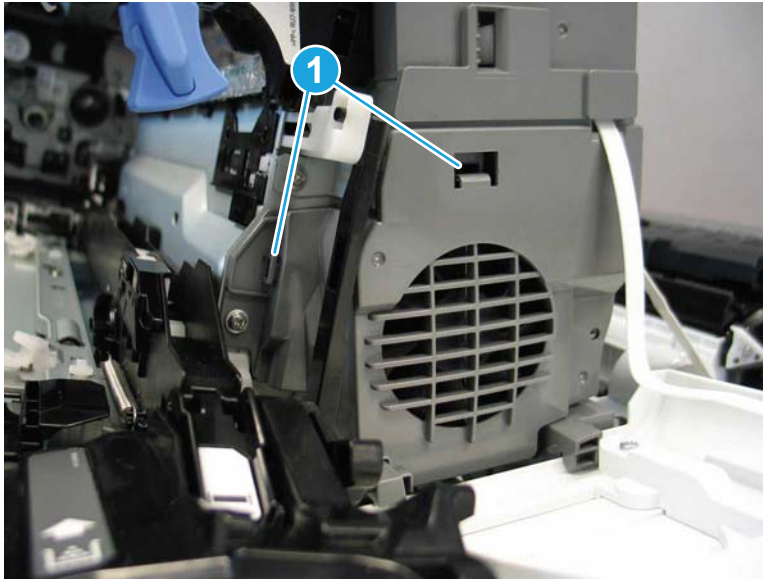
- b. Remove one screw (callout 1).

Figure 1-2527 Remove one screw



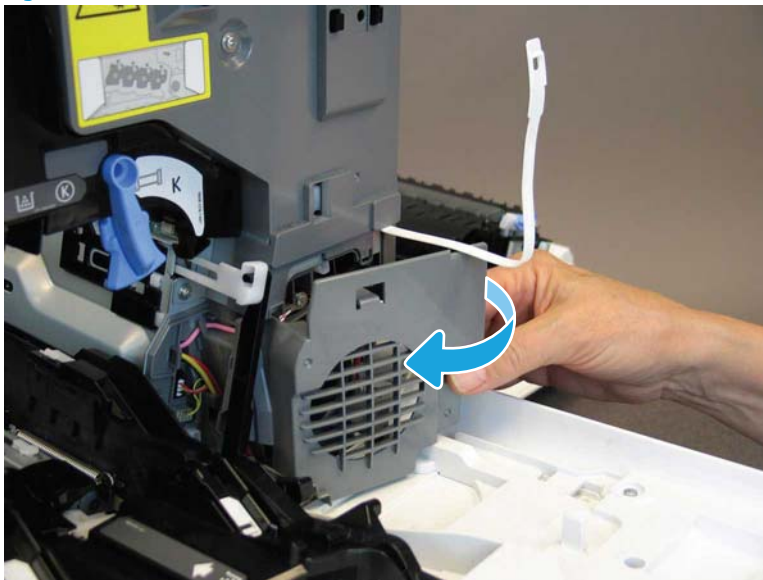
- c. Release two tabs (callout 1).

Figure 1-2528 Release two tabs



- d. Rotate the cover away from the printer to remove it.

Figure 1-2529 Remove the fan cover



- 7. Remove the front inner right upper cover.
  - a. At the top of the printer, release the wire harness (callout 1) from the guides (callout 2).


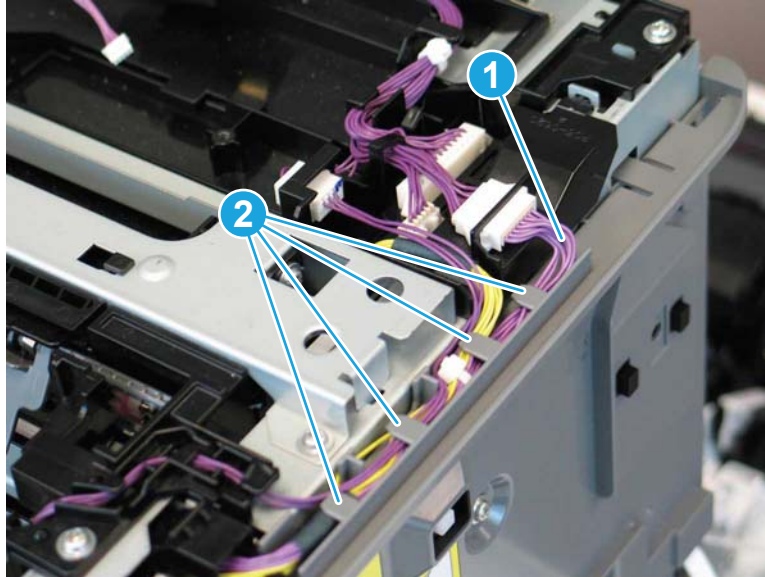
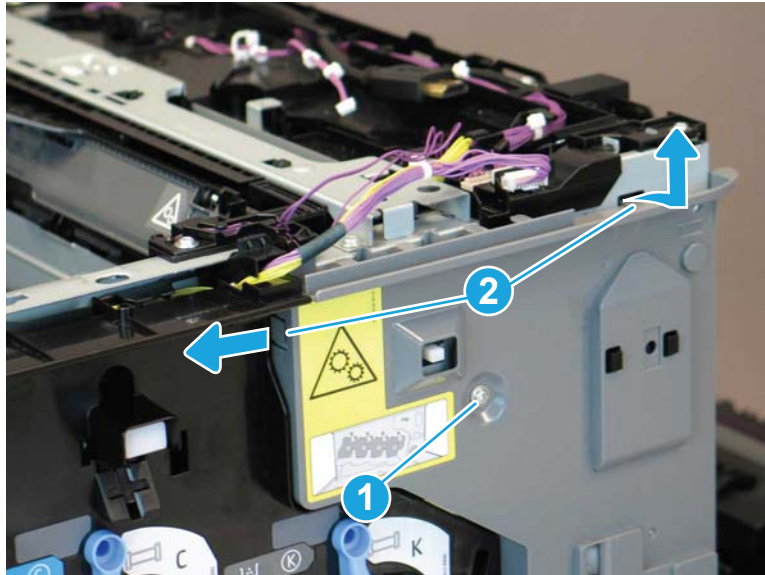
 **NOTE:** The M751 is pictured in the figures below. The procedure is correct for all referenced models.

Figure 1-2530 Release the wires from the guides



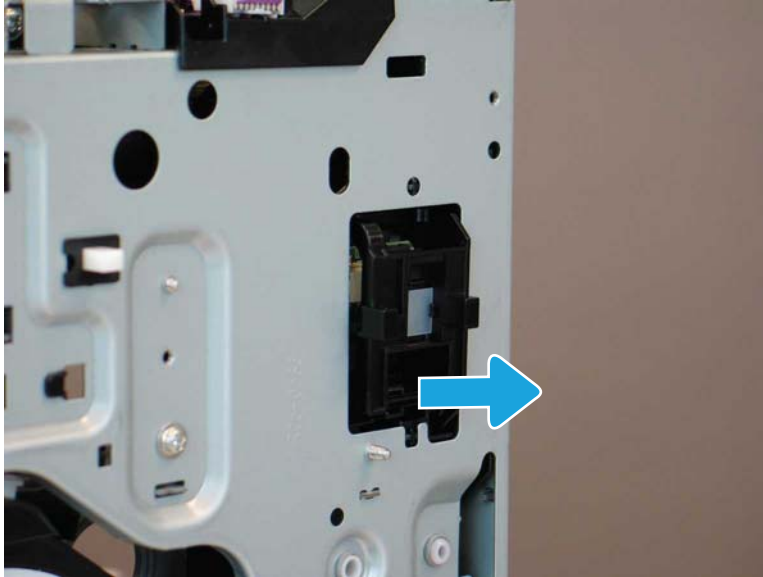
- b. Remove one screw (callout 1), release two tabs (callout 2), and then remove the front inner right upper cover.

Figure 1-2531 Remove the front inner right upper cover



- 8. Remove the power switch PCA.
  - a. Pull the power switch cover away from the printer to release it.

Figure 1-2532 Release the power switch cover



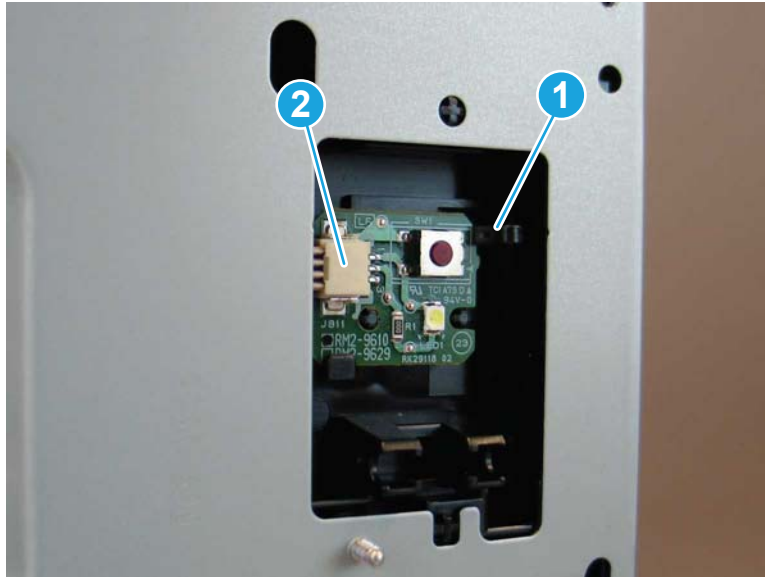
- b. Remove the power switch cover.

Figure 1-2533 Remove the power switch cover



- c. Release one tab (callout 1), disconnect one connector (callout 2), and then remove the power switch PCA.

**Figure 1-2534** Remove the power switch PCA



- 9. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Tray 2 size detect switch (M751/E75245/M856/E85055/M776)

Learn how to remove and replace the Tray 2 size detect switch.



[View a video of how to remove and replace the Tray 2 size detect switch.](#)


Mean time to repair: 2 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-127 Part information

Part number	Part description
RM2-1436-000CN	Size detect switch assembly

## Required tools

- No special tools are required to remove or install this assembly.

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

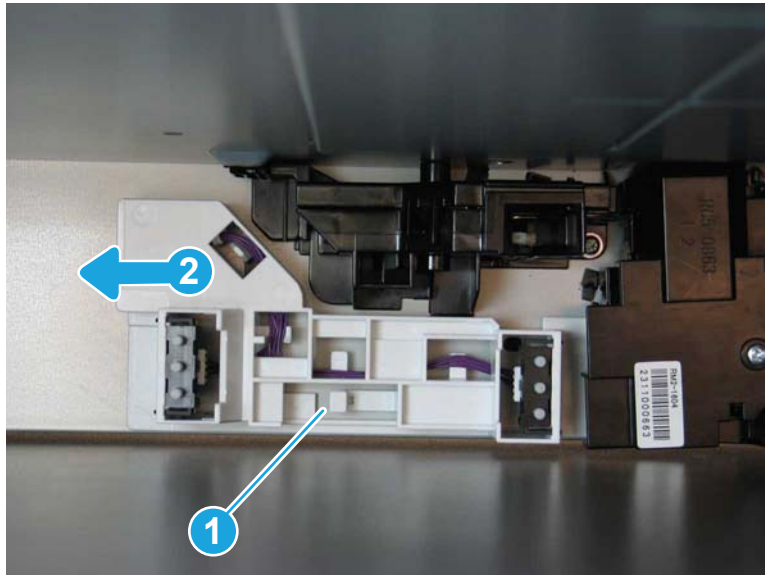
1. Remove Tray 2.
  - ▲ Pull Tray 2 away from the printer until it stops, and then lift up slightly to remove it.

Figure 1-2535 Remove Tray 2



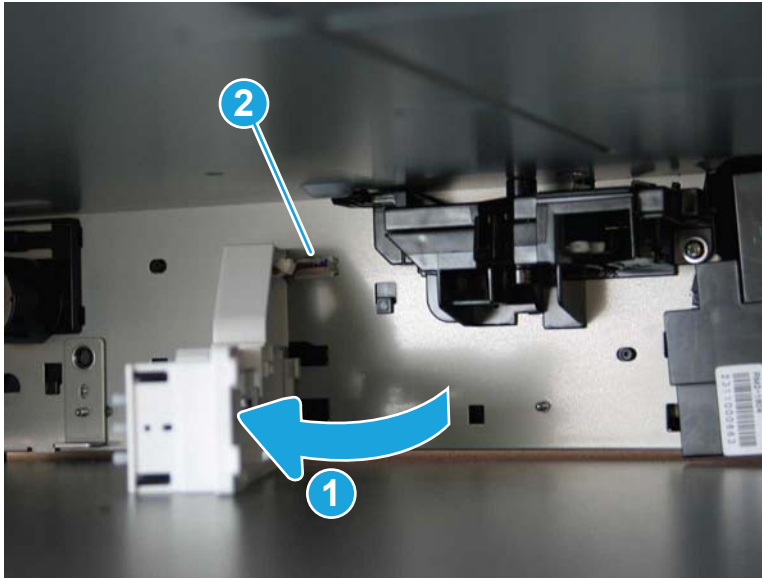
2. Remove the size detect switch.
  - a. Inside the Tray 2 opening, release one tab (callout 1) and then slide the size detect sensor to the left (callout 2) to release it.

Figure 1-2536 Release the tab and slide left



- b. Rotate the size detect switch to the left (callout 1), and then disconnect one connector (callout 2).

Figure 1-2537 Disconnect one connector




3. Unpack the replacement assembly.

- a. Dispose of the defective part.


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Waste toner feed assembly (M751/E75245)

Learn how to remove and replace the waste toner feed assembly.

 [View a video of how to remove and replace the waste toner feed assembly.](#)

Mean time to repair: 18 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.



**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-128** Part information

Part number	Part description
RM2-1520-000CN	Waste toner feed assembly
RC5-0770-000CN	Hinge, left door, upper (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the TCU.
  - a. Open the front door.

**Figure 1-2538** Open the front door



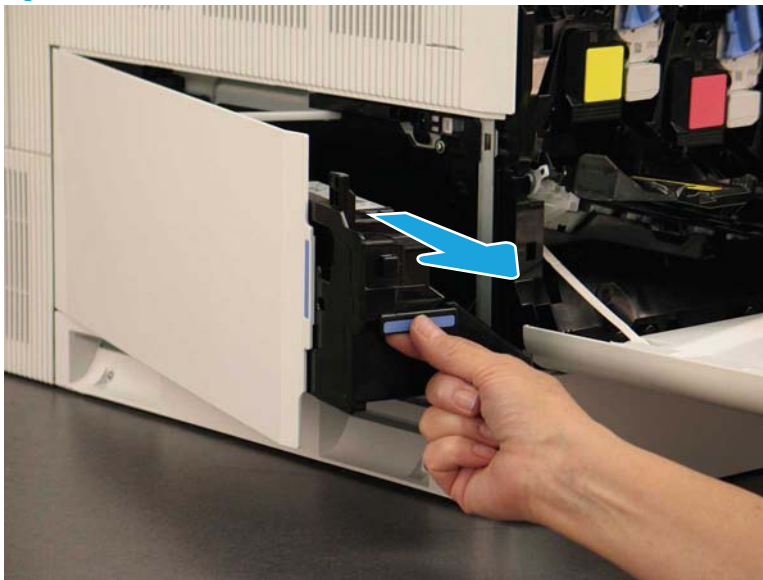
- b. Open the left door.

Figure 1-2539 Open the left door



- c. Grasp the front of the TCU, and then remove it from the printer.

Figure 1-2540 Remove the TCU



- 2. Remove the imaging drums.

- a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-2541 Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

Figure 1-2542 Remove the imaging drum



3. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

Figure 1-2543 Remove the toner cartridge



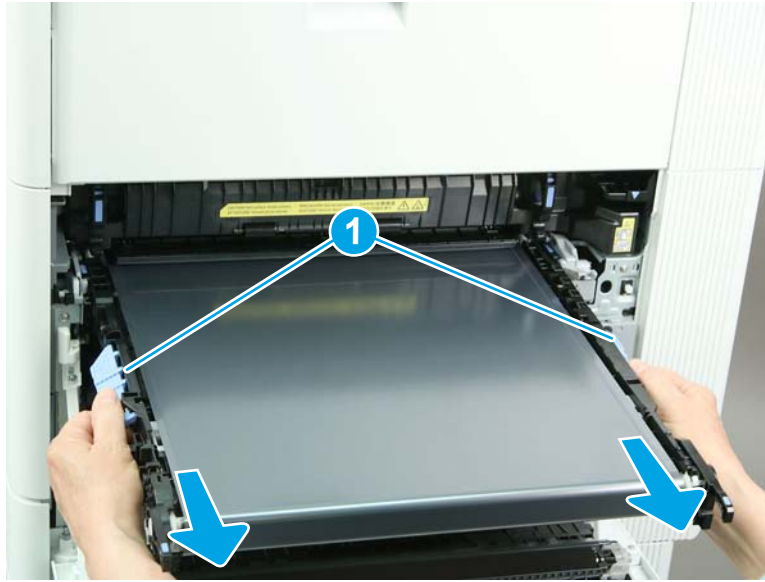
4. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2544 Partially remove the ITB



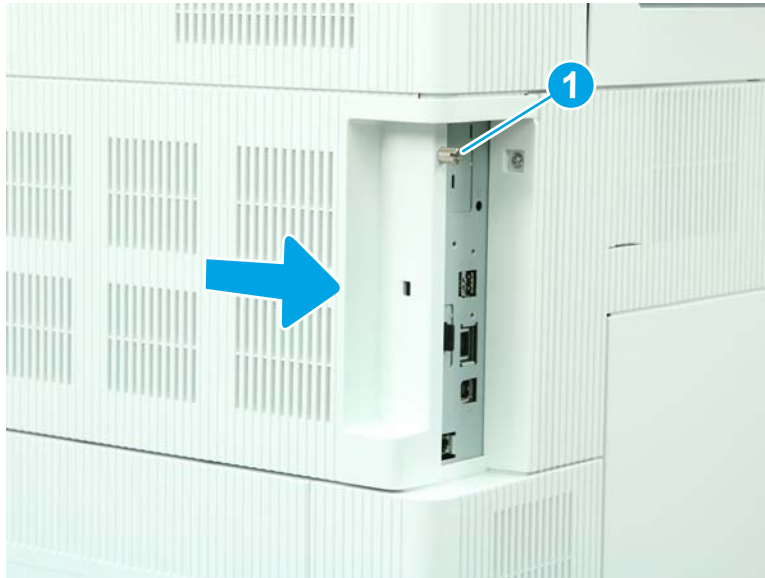
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-2545 Remove the ITB



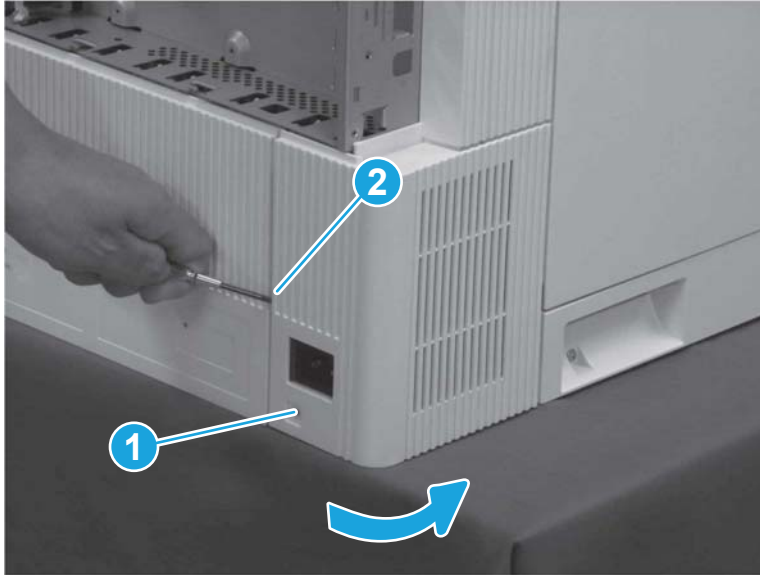
5. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2546 Remove the formatter cover



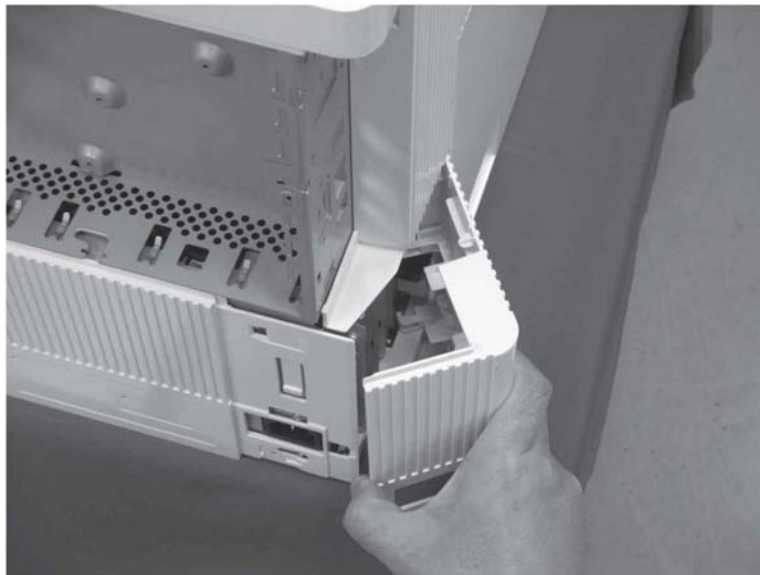
6. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2547 Remove one screw and release one tab



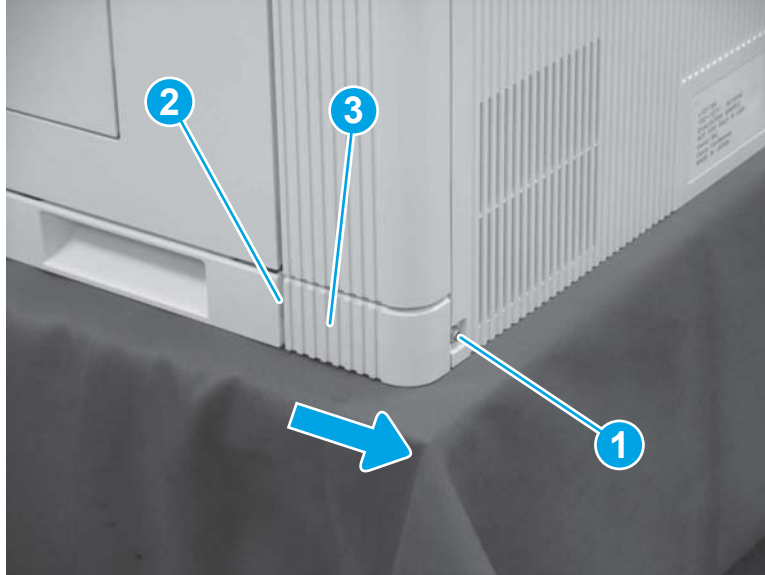
- b. Remove the left lower cover.

Figure 1-2548 Remove the left lower cover



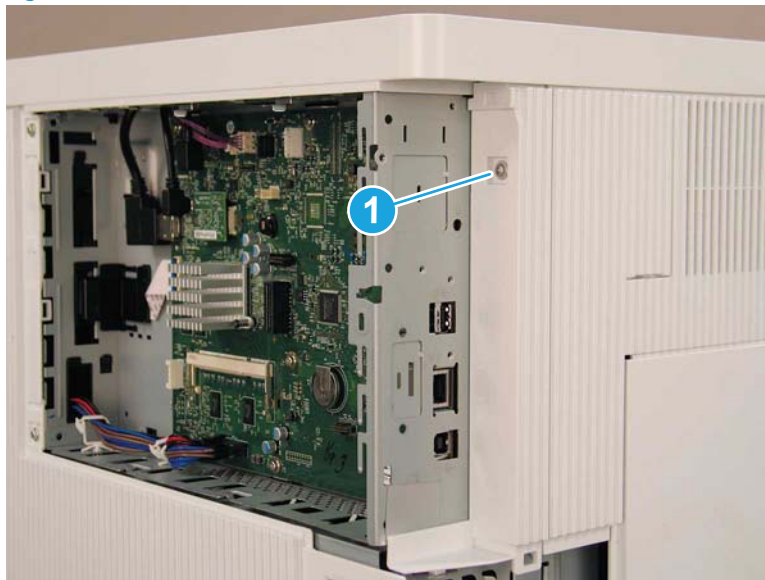
7. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

Figure 1-2549 Remove the right rear lower cover



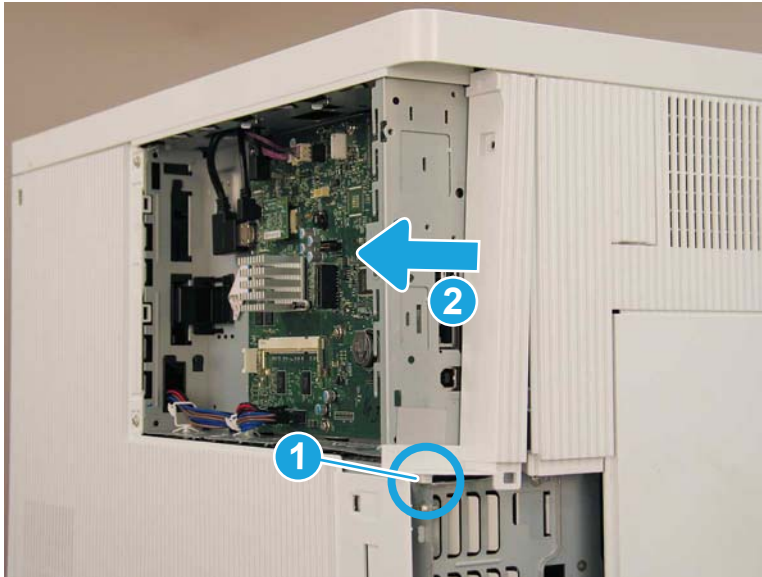
8. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-2550 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

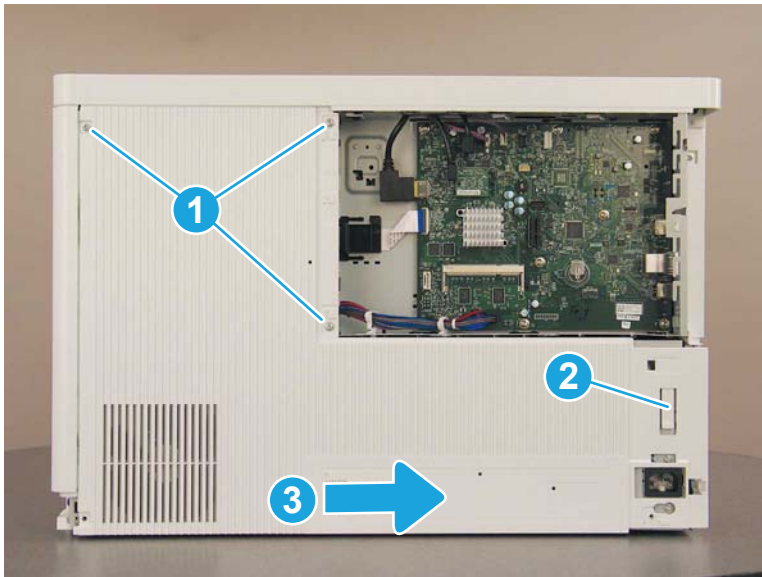
Figure 1-2551 Remove the left rear cover




- 9. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2552 Remove the rear cover



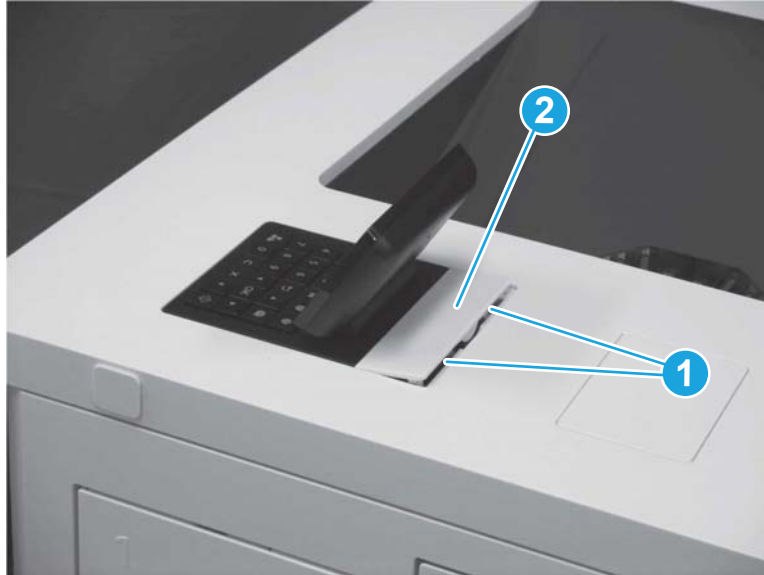
- 10. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).



Figure 1-2553 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2554 Remove one screw



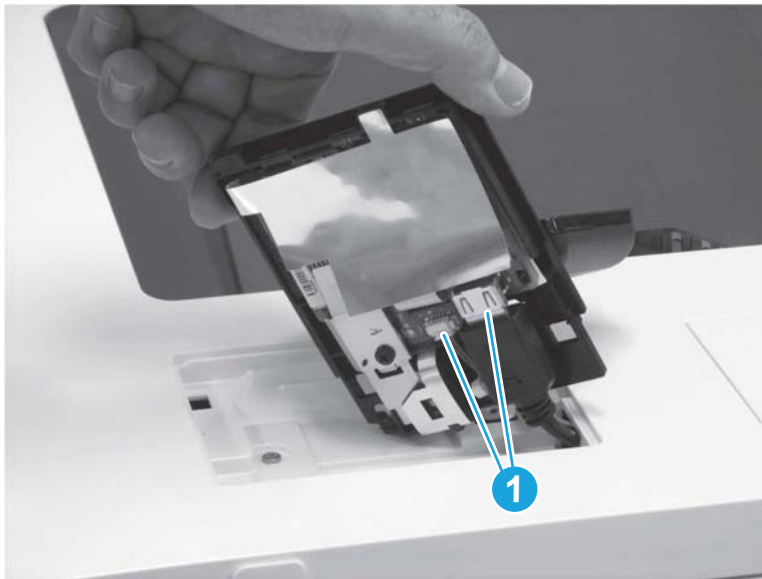
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2555 Slide the control panel back



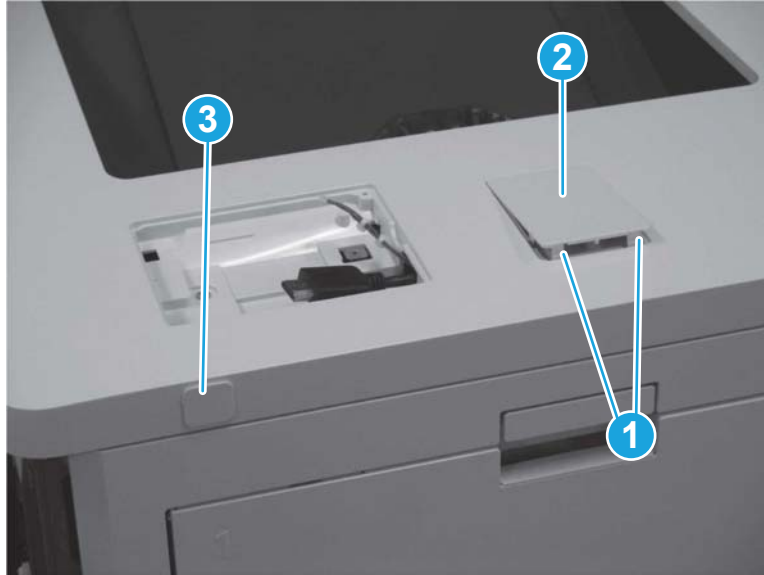
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

Figure 1-2556 Disconnect two connectors



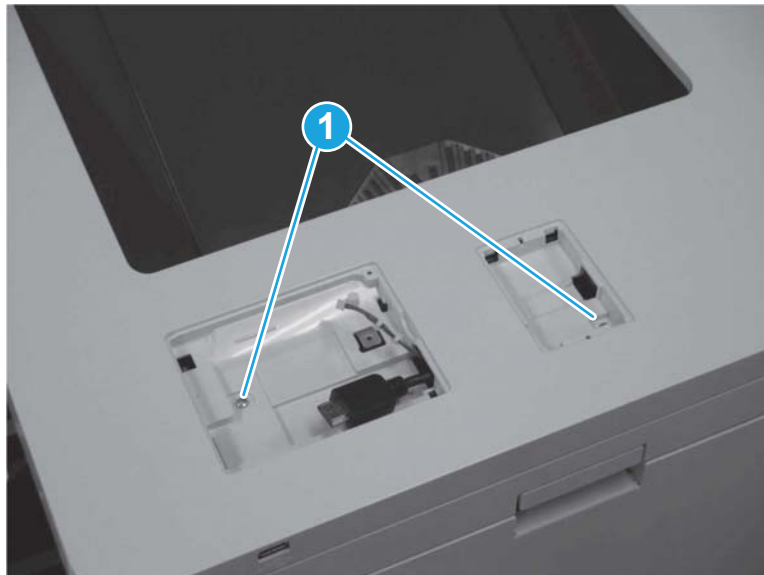
- 11. Remove the top cover (M751/E75245).
  - a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

Figure 1-2557 Remove the HIP cover and USB cap



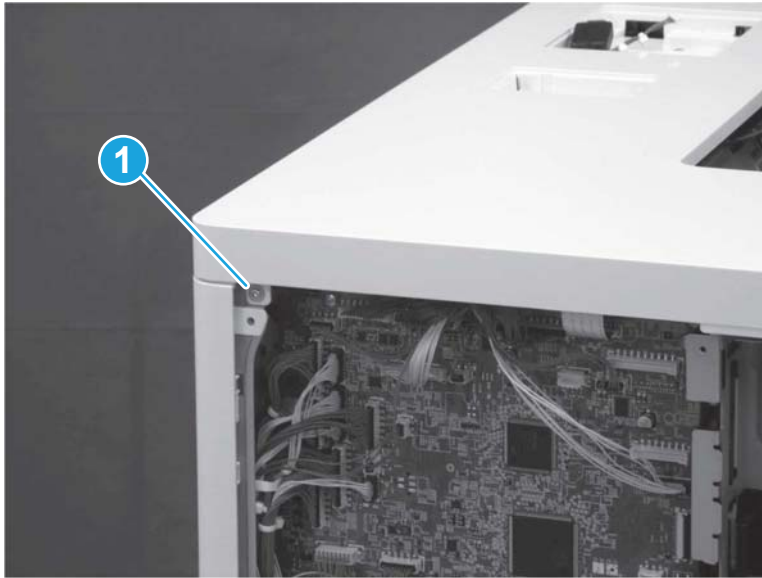
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2558 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2559 Remove one screw

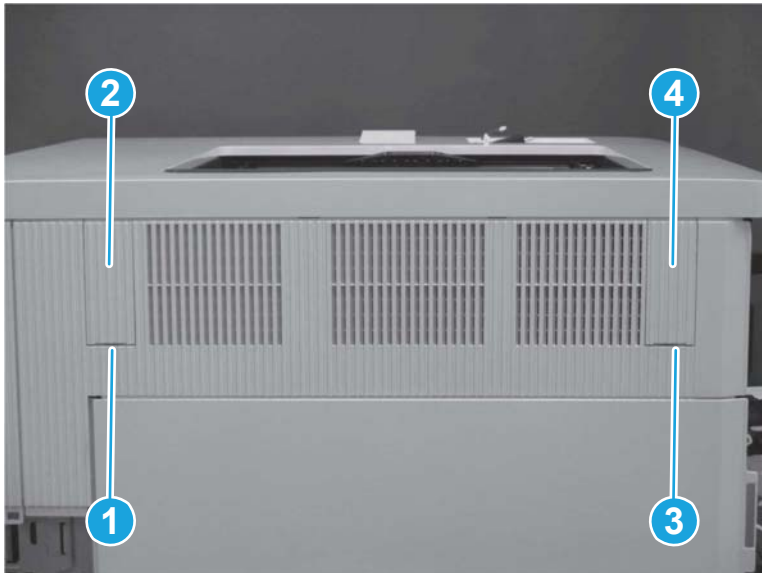


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

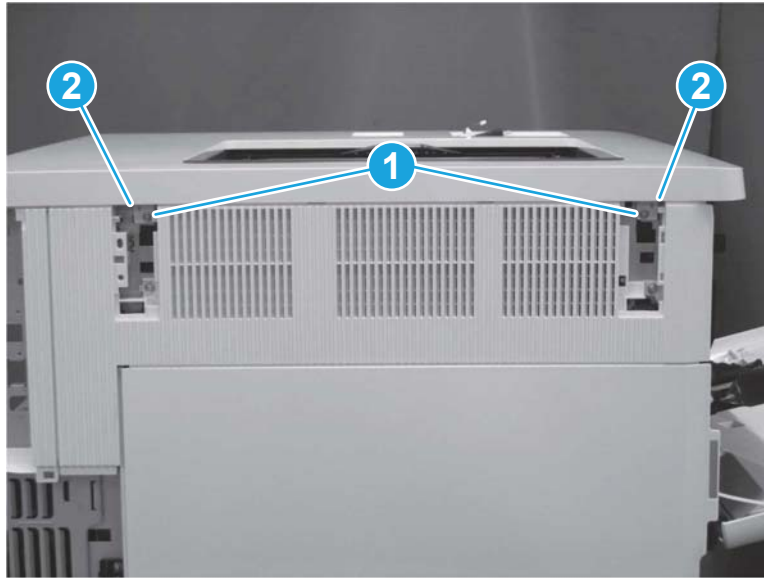
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

Figure 1-2560 Remove the left and right blanking covers



- e. Remove two screws (callout 1), and then release two tabs (callout 2).

Figure 1-2561 Remove two screws and release two tabs



- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).


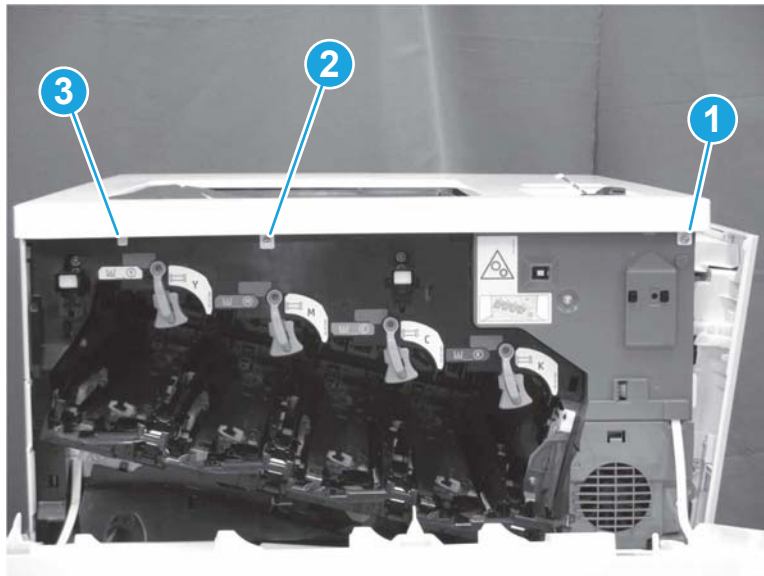
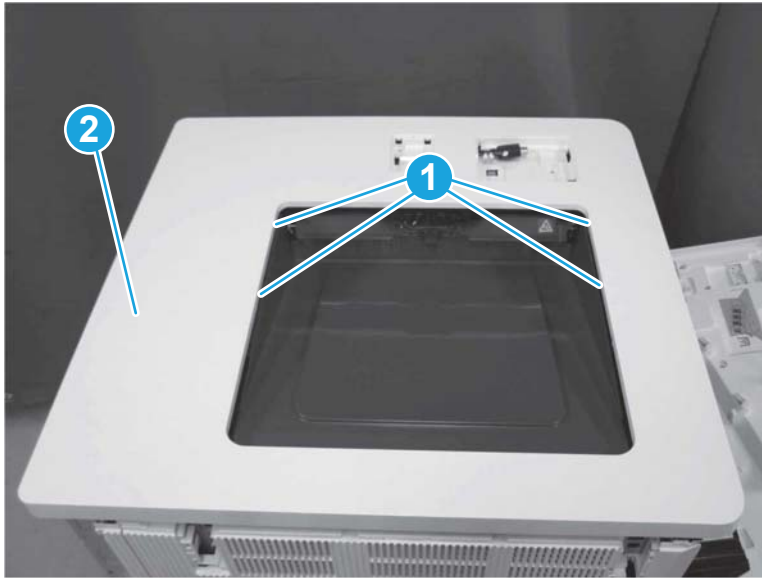
 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.


Figure 1-2562 Remove two screws and release one tab

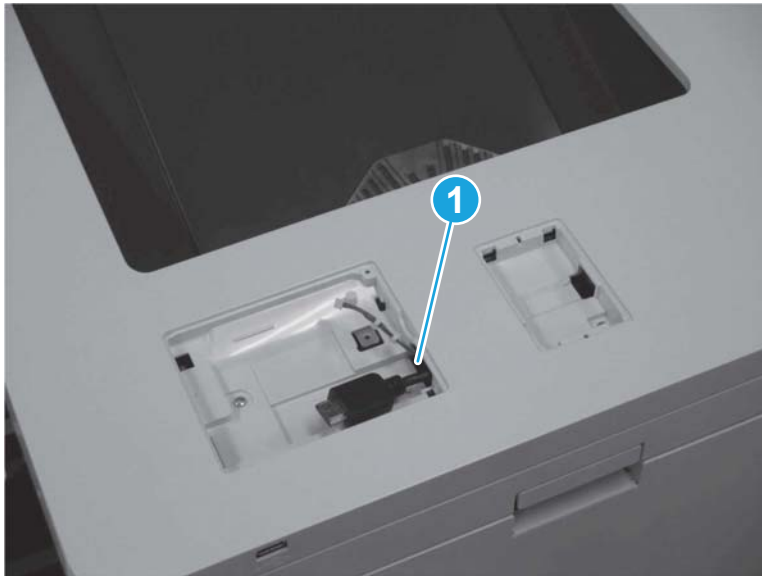


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2563 Remove the top cover



 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



12. Remove the output bin (M751/E75245).

- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).


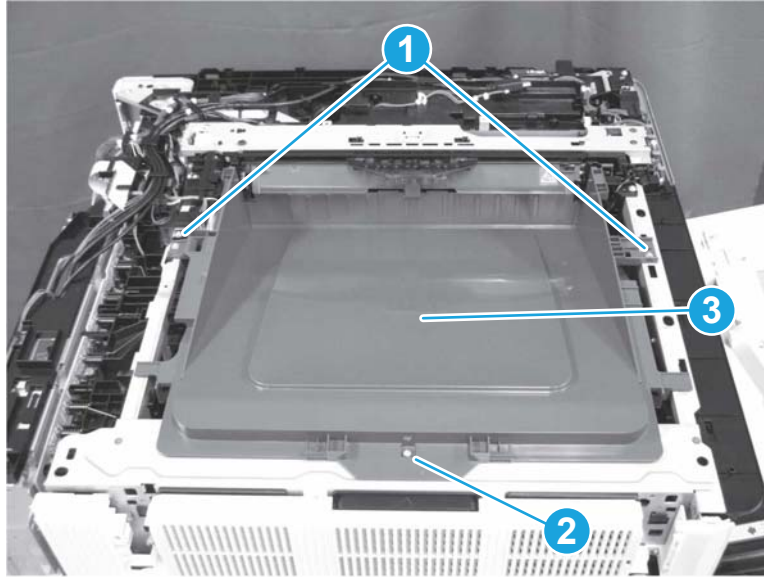
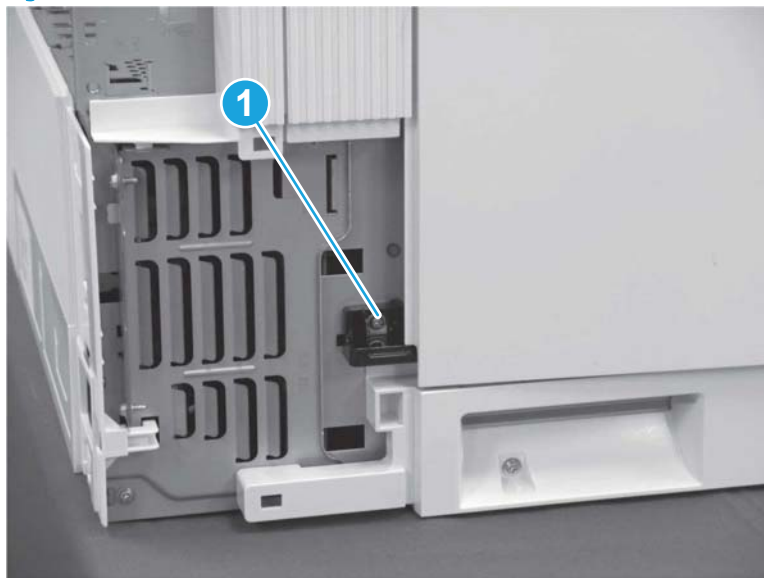
 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

Figure 1-2564 Remove the output bin



13. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-2565 Remove one screw



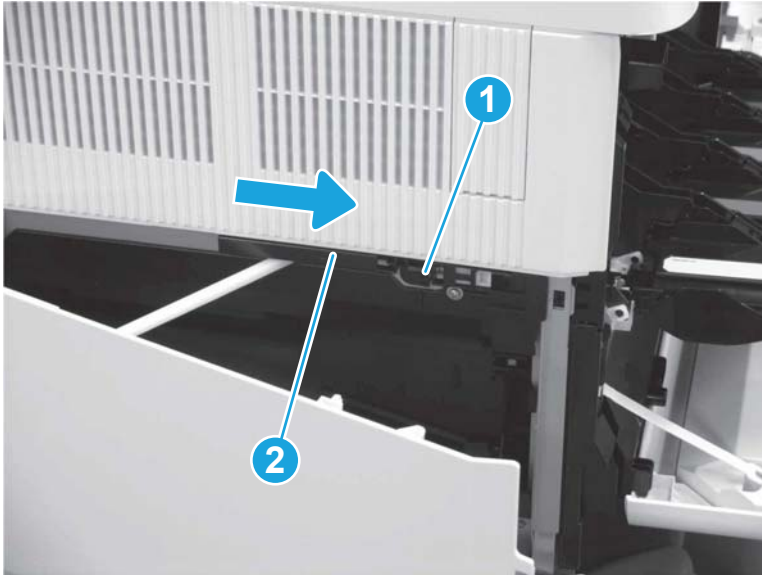
- b. Release the holder, and then remove it from the printer.

Figure 1-2566 Remove the holder



- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

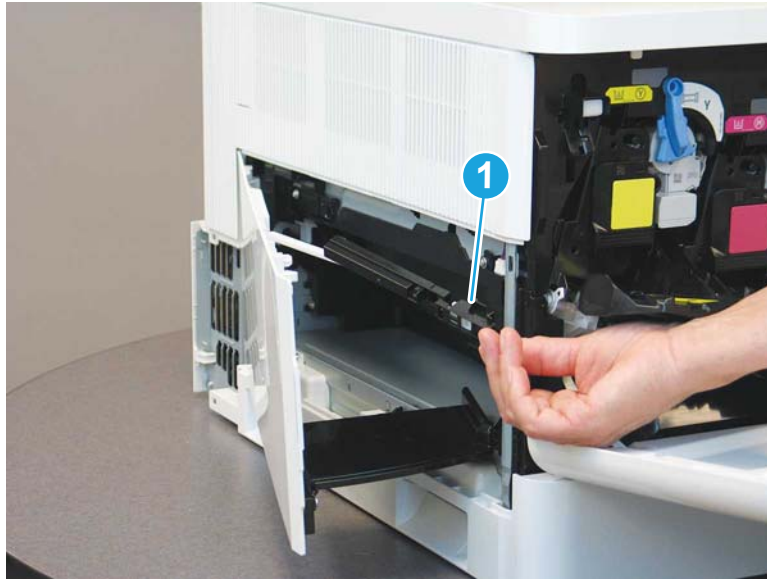
Figure 1-2567 Slide the holder





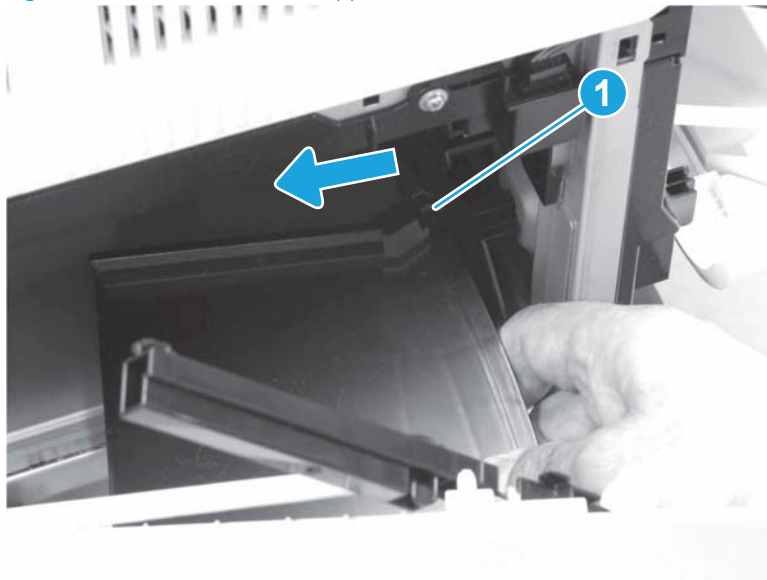
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-2568 Release the holder



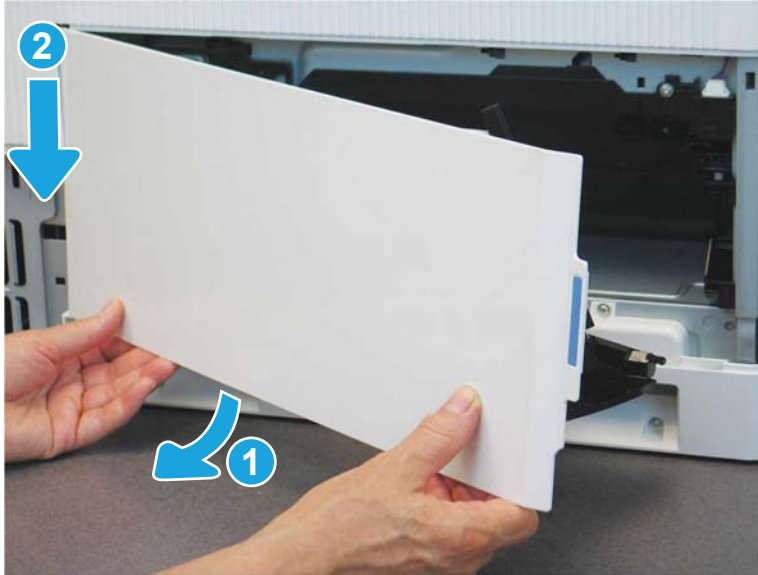
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-2569 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

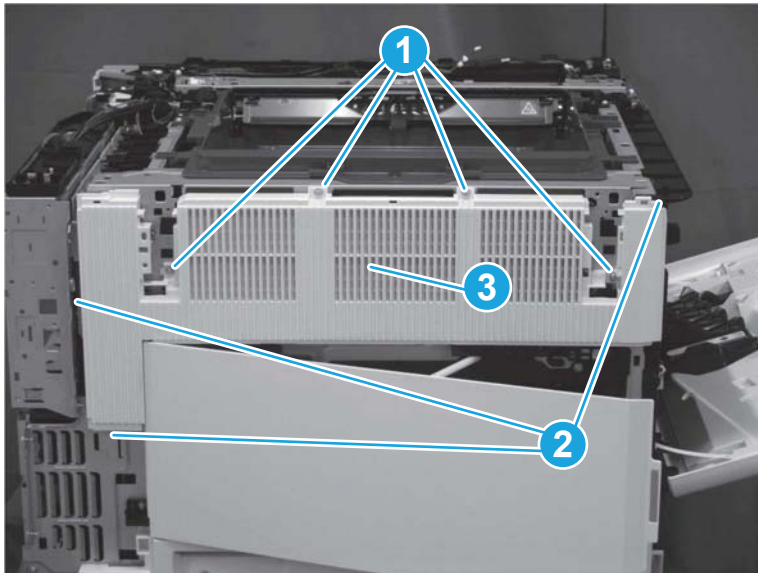
Figure 1-2570 Remove the left door



- 14. Remove the left upper cover (M751/E75245).

- ▲ Remove four screws (callout 1), release three tabs (callout 2), and then remove the left upper cover (callout 3).

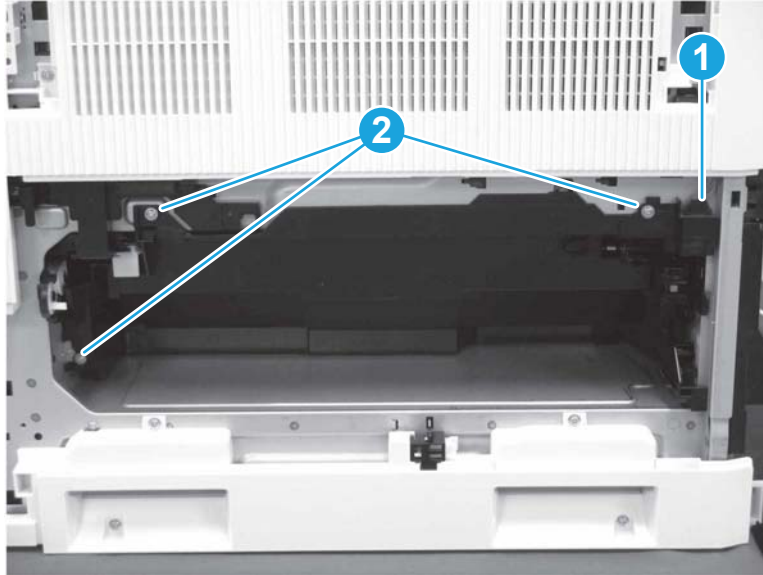
Figure 1-2571 Remove the left upper cover



- 15. Remove the scanner cover.

- a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

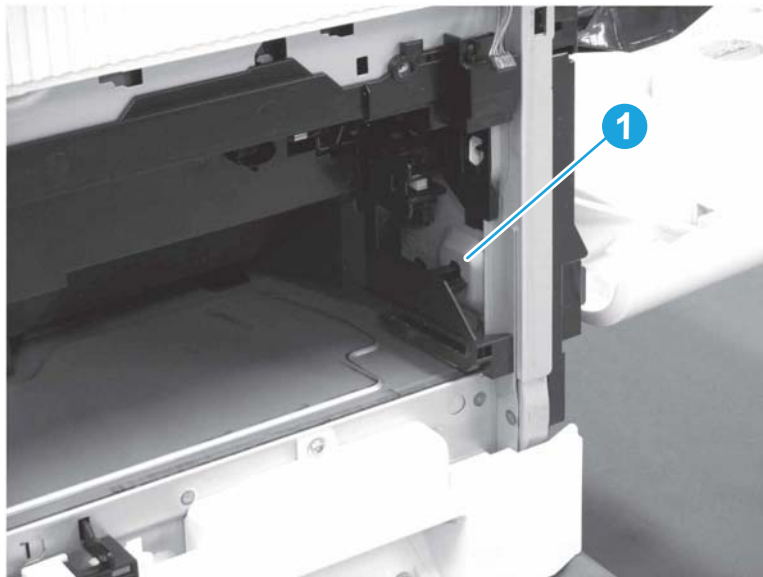
Figure 1-2572 Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.

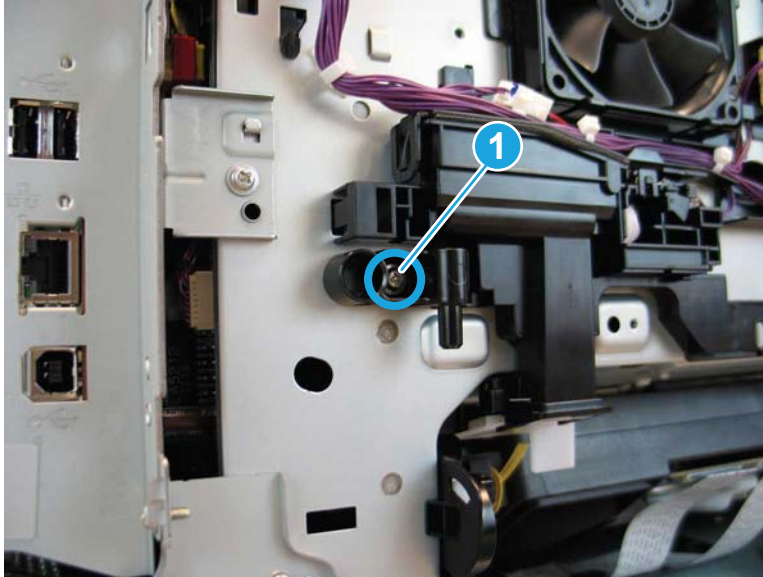
- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

Figure 1-2573 Remove the scanner cover



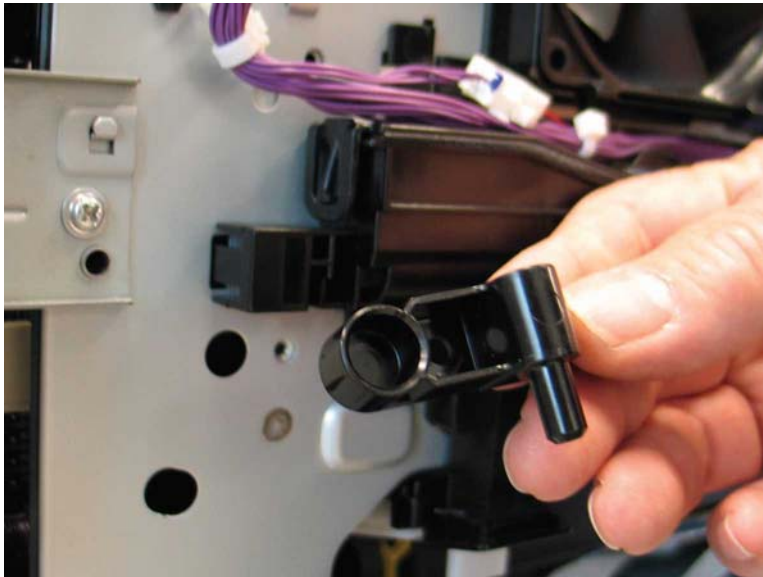
- 16. Remove the secondary auger.
  - a. Remove one screw (callout 1).

Figure 1-2574 Remove one screws



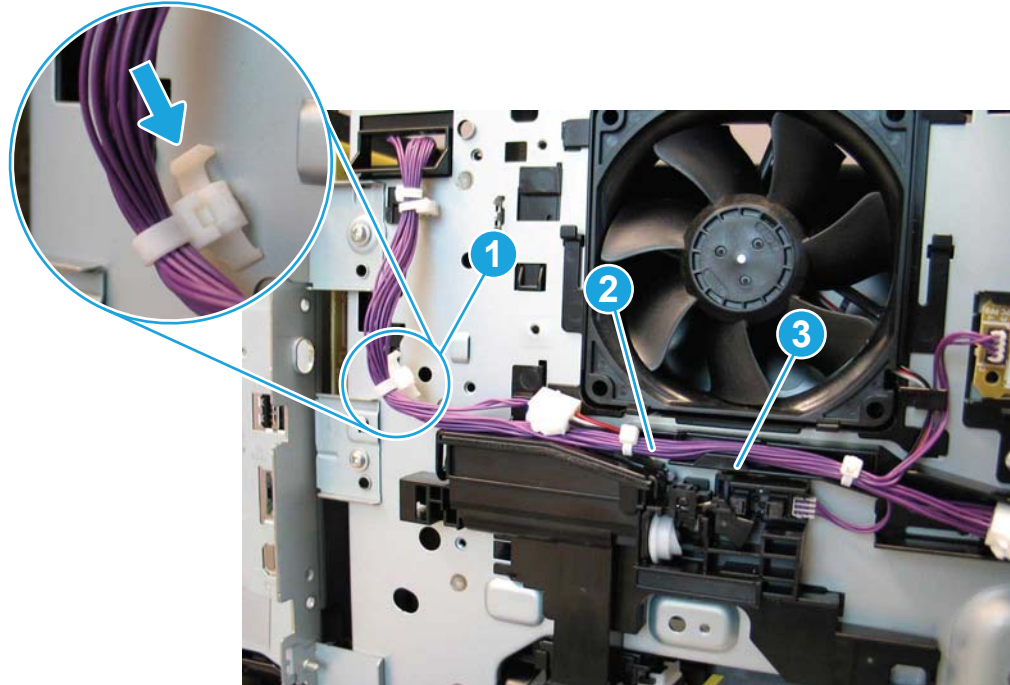
- b. Remove the left door upper hinge.

Figure 1-2575 Remove the left door upper hinge



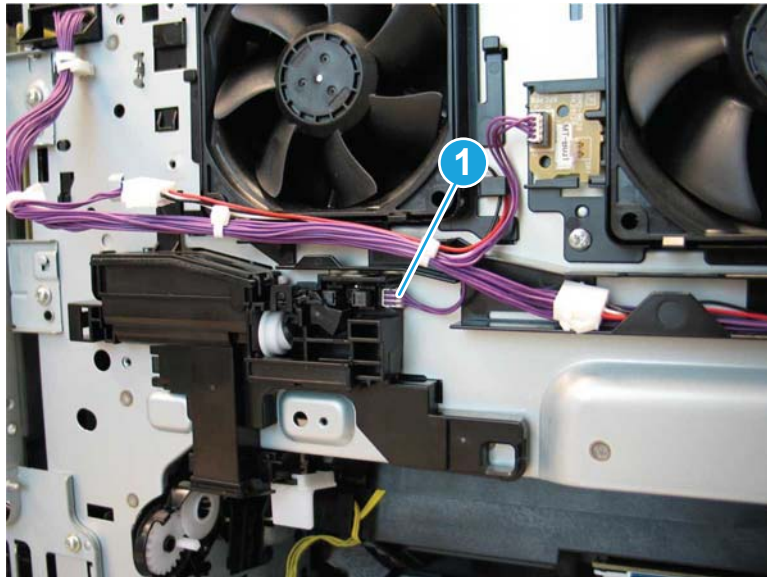
- c. Press the latch to release one retainer (callout 1) from the sheet metal. Remove the wire harness (callout 2) from the guides (callout 3).

Figure 1-2576 Release the wire harness from the guides



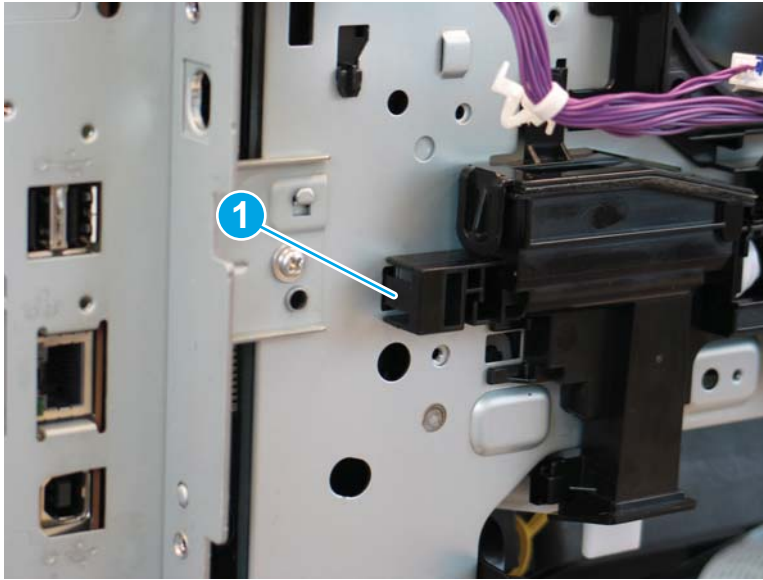
- d. Disconnect one connector (callout 1).

Figure 1-2577 Disconnect one connector



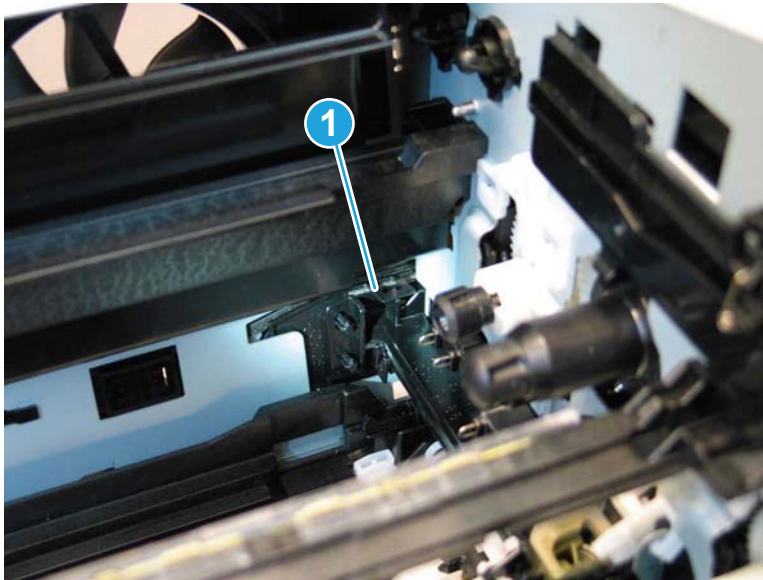
- e. Release one tab (callout 1).

Figure 1-2578 Release one tab



- f. Inside the printer, release one tab that connects to the primary auger (callout 1).

Figure 1-2579 Release one tab



- g. Remove the secondary auger assembly.

**Figure 1-2580** Remove the secondary auger assembly



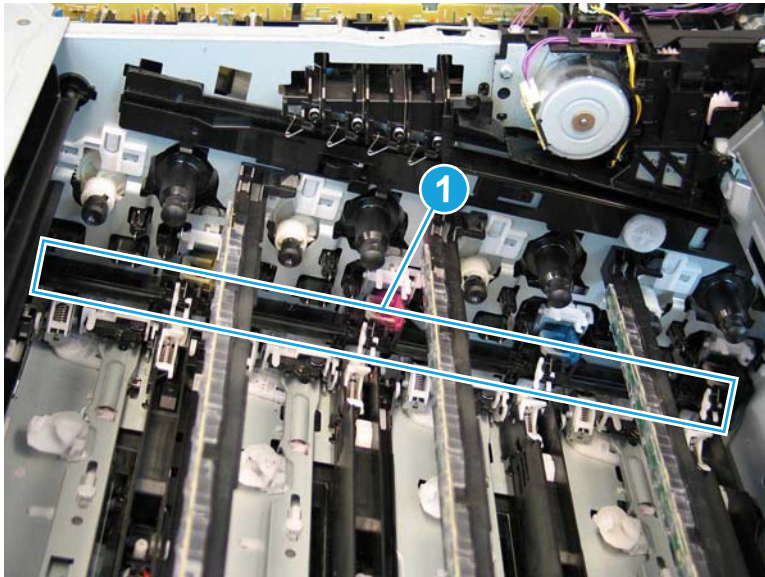
- 17. Remove the primary auger.



**IMPORTANT:** Make sure that the front door is open before removing the primary auger.

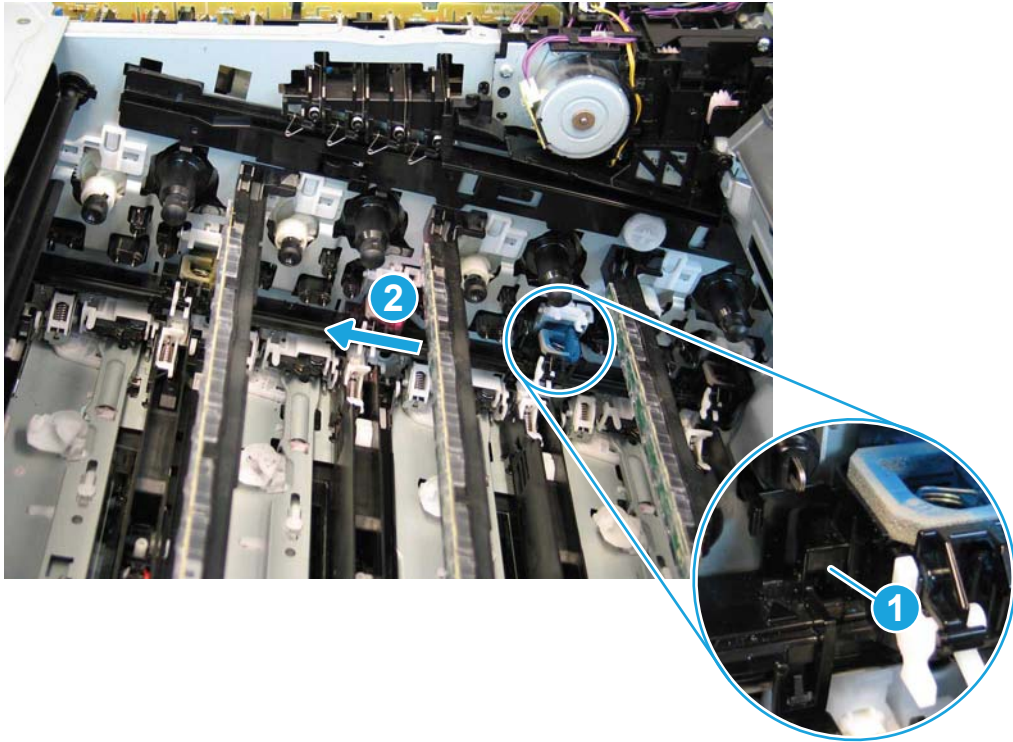
- a. Inside the printer, locate the primary auger (callout 1).

**Figure 1-2581** Locate the primary auger



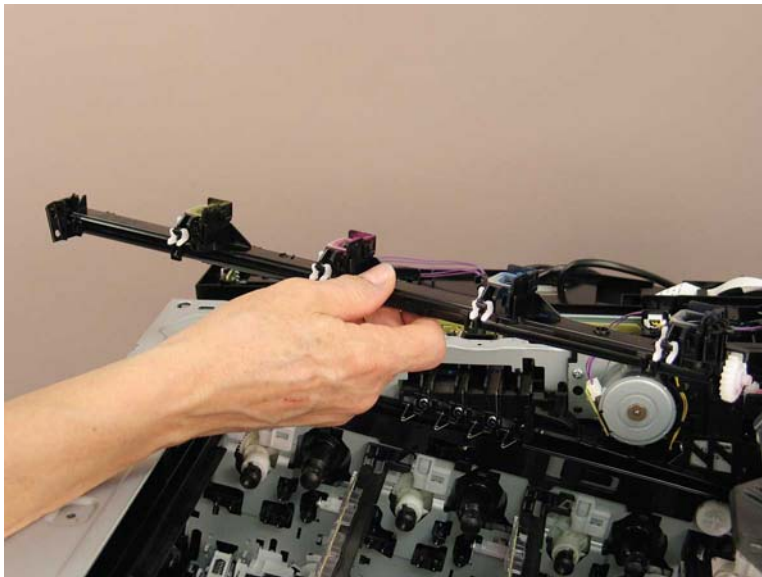
- b. Release one tab (callout 1) next to the cyan opening, and then slide the primary auger toward the left side of the printer (callout 2) to release it.

Figure 1-2582 Release the primary auger



- c. Turn the primary auger as needed to maneuver it out through the top of the printer.

Figure 1-2583 Remove the primary auger



- 18. Unpack the replacement assembly.
  - a. Dispose of the defective part.




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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

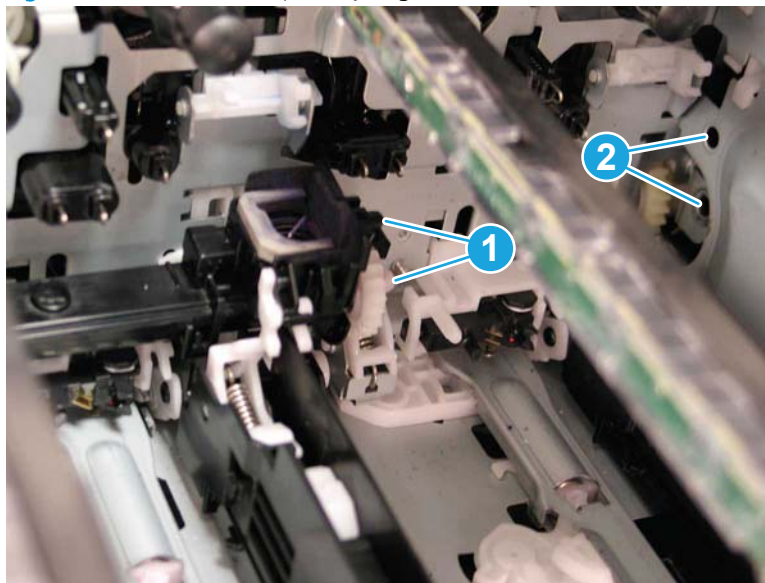
---

19. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the primary auger.

- ▲ When installing the primary auger, position the black boss and the center of the gear (callout 1) into the openings (callout 2) in the printer.

**Figure 1-2584** Install the primary auger



#### Removal and replacement: Waste toner feed assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the waste toner feed assembly.

 [View a video of how to remove and replace the waste toner feed assembly.](#)


Mean time to repair: 18 minutes

Service level: Easy

#### Before performing service

Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-129** Part information

Part number	Part description
RM2-1520-000CN	Waste toner feed assembly
RC5-0770-000CN	Hinge, left door, upper (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the TCU.
  - a. Open the front door.

Figure 1-2585 Open the front door



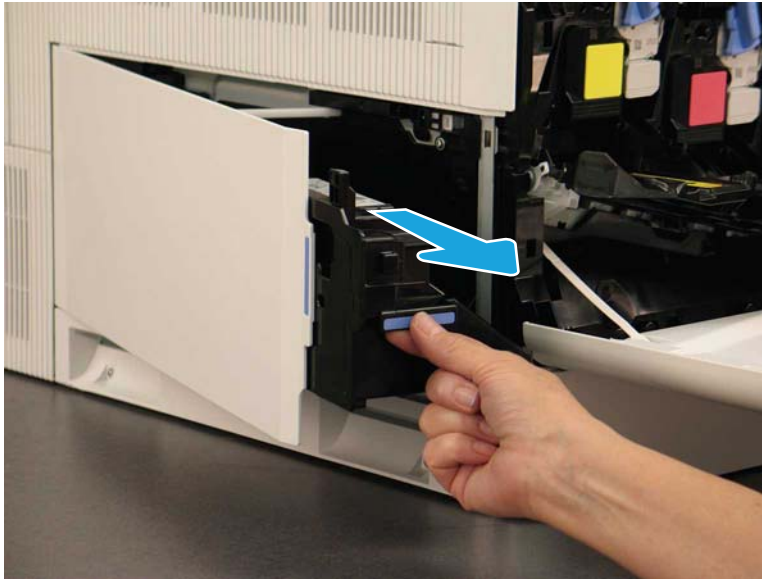
- b. Open the left door.

Figure 1-2586 Open the left door



- c. Grasp the front of the TCU, and then remove it from the printer.

Figure 1-2587 Remove the TCU



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-2588 Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

**Figure 1-2589** Remove the imaging drum



3. Remove the toner cartridges.

- ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-2590** Remove the toner cartridge



4. Remove the intermediate transfer belt (ITB).

- a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2591 Partially remove the ITB



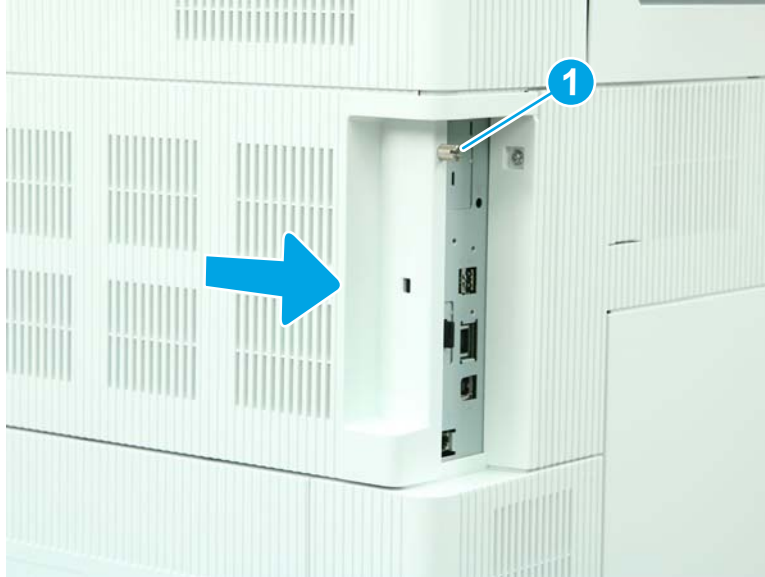
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-2592 Remove the ITB



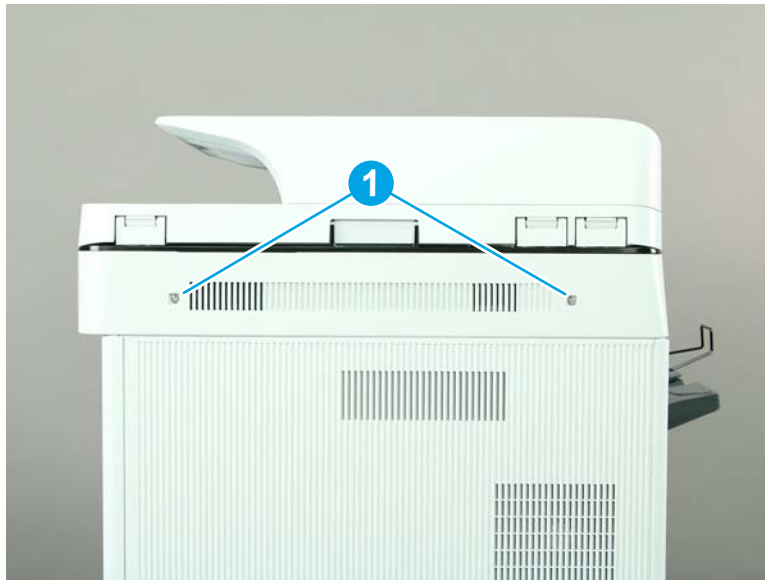
- 5. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2593 Remove the formatter cover



6. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2594 Remove two screws



- b. Remove the SCB cover.

**Figure 1-2595** Remove the SCB cover



- 7. Remove the rear upper cover (M856/E85055/M776dn/M776z).

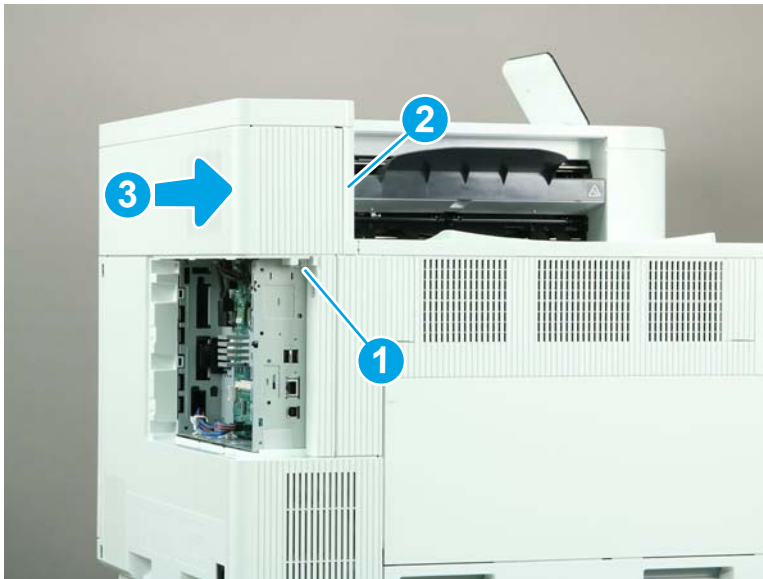
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 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

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- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

**Figure 1-2596** Remove the rear upper cover



- 8. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

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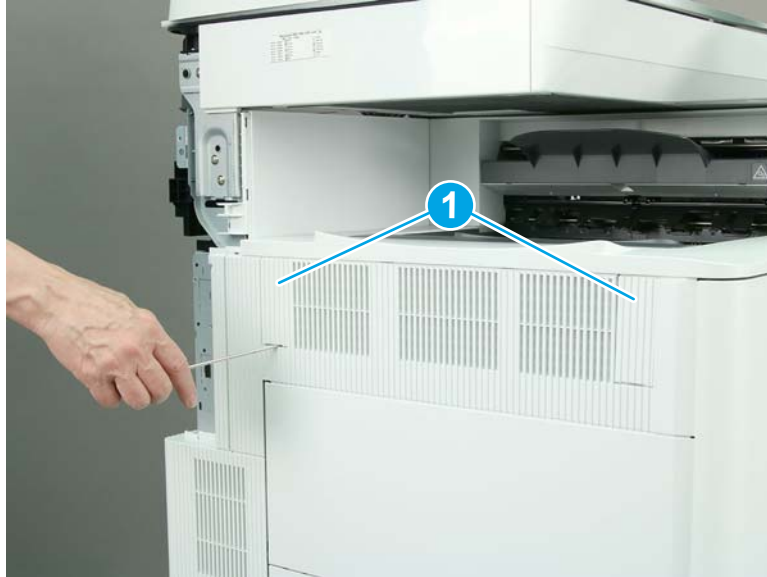
 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

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- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

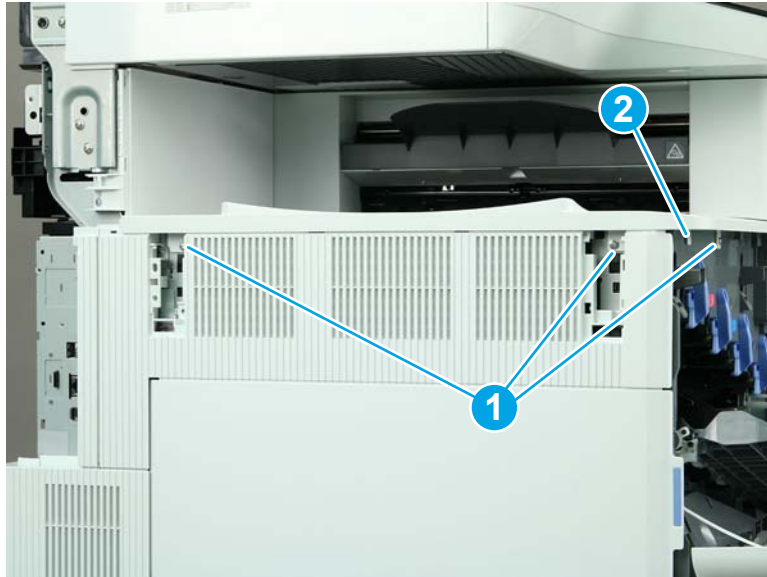


Figure 1-2597 Remove two covers



- b. Remove three screws (callout 1), and then release one tab (callout 2).

Figure 1-2598 Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-2599** Remove the accessory upper cover

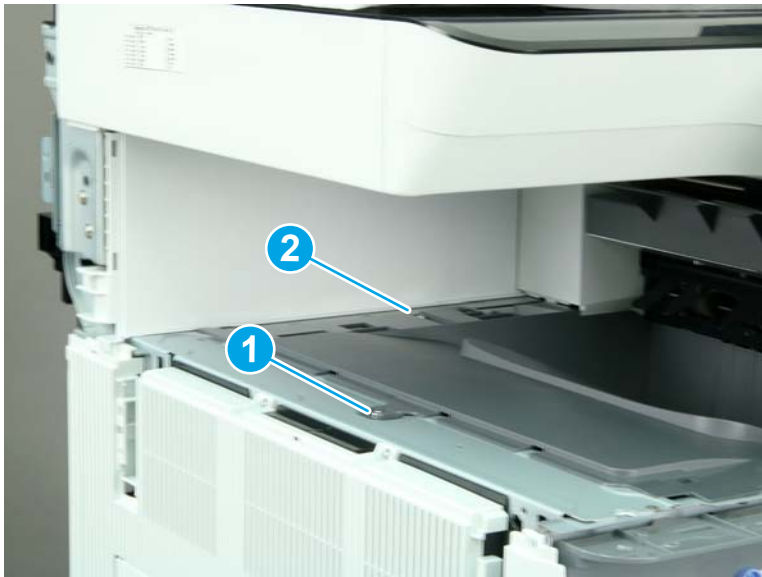


- 9. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

**Figure 1-2600** Remove two screws



- b. Remove the output bin.

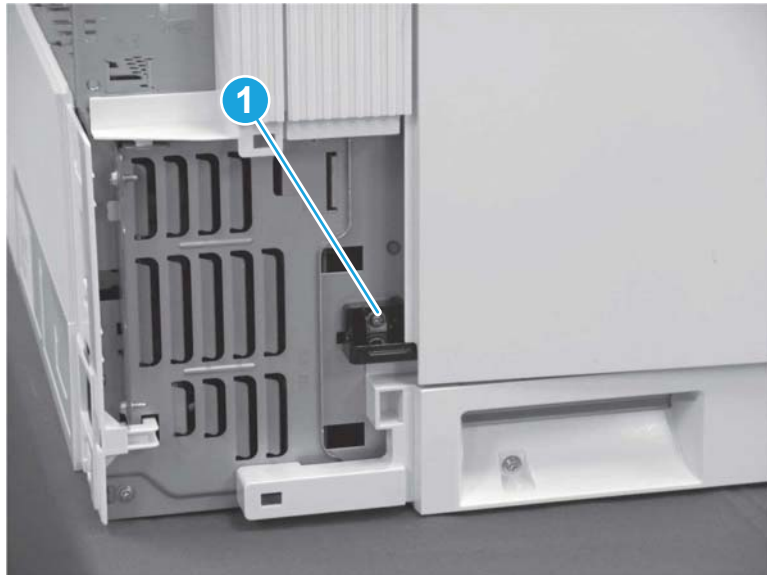
Figure 1-2601 Remove the output bin



- 10. Remove the left door.

- a. Remove one screw (callout 1).

Figure 1-2602 Remove one screw



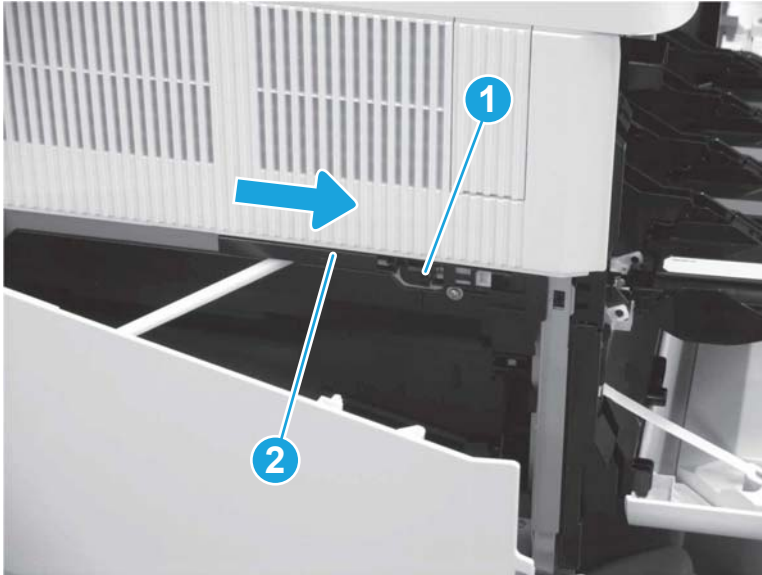
- b. Release the holder, and then remove it from the printer.

Figure 1-2603 Remove the holder



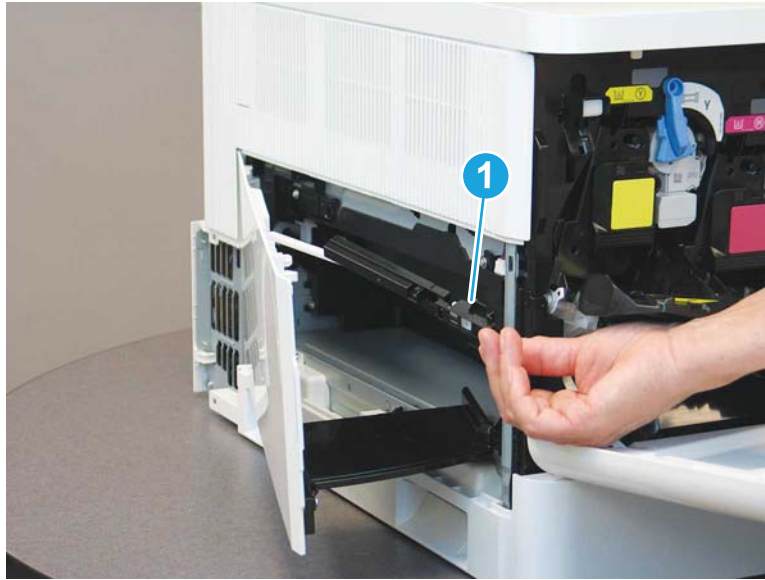
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-2604 Slide the holder



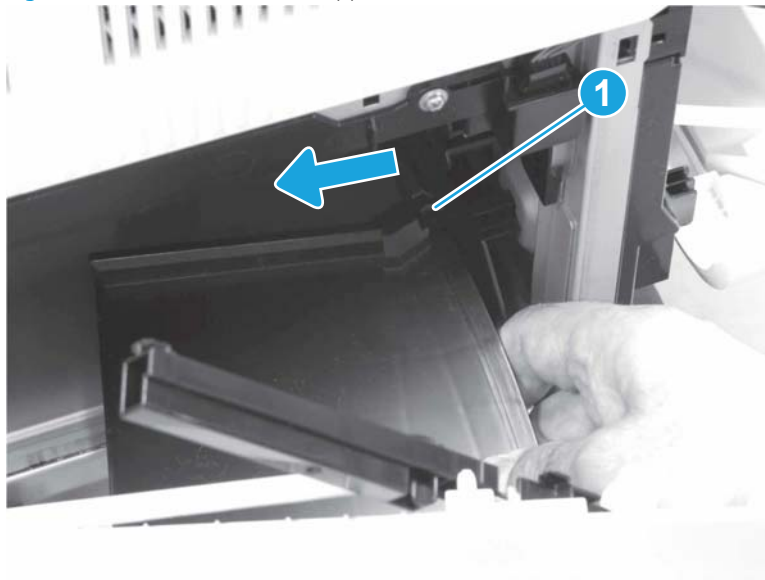
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-2605 Release the holder



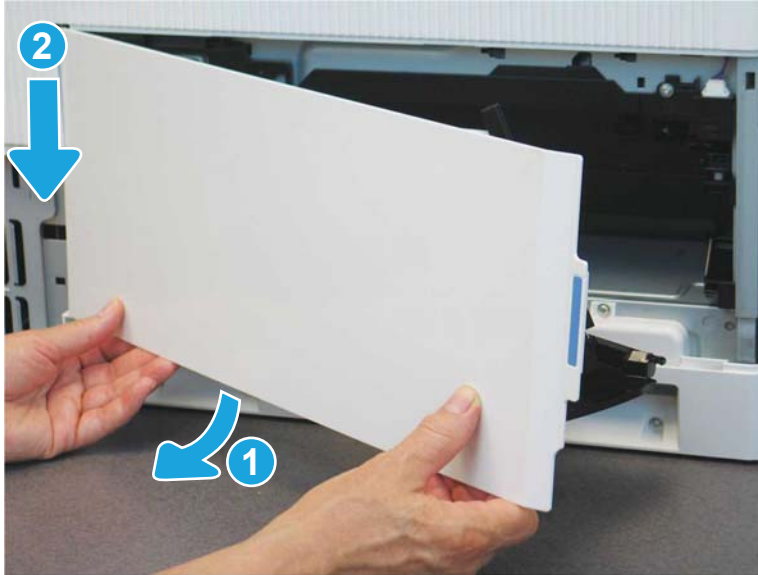
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-2606 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-2607 Remove the left door



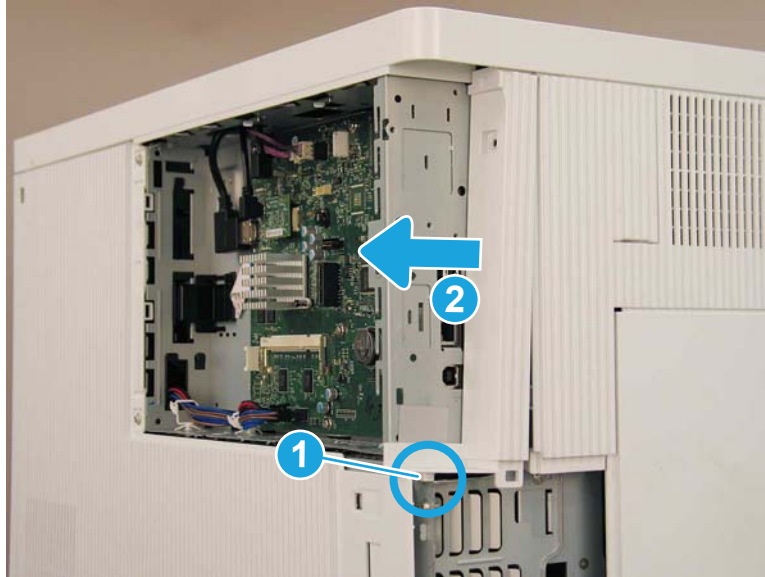
- 11. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-2608 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2609 Remove the left rear cover

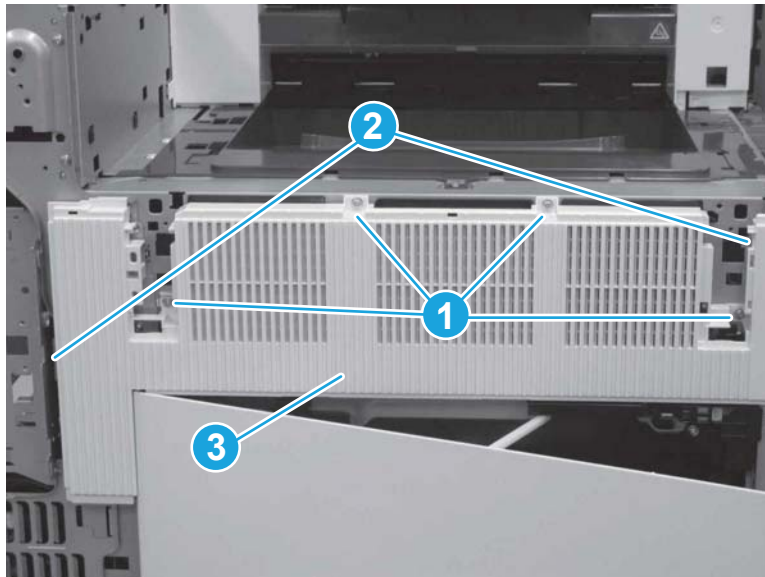


- 12. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

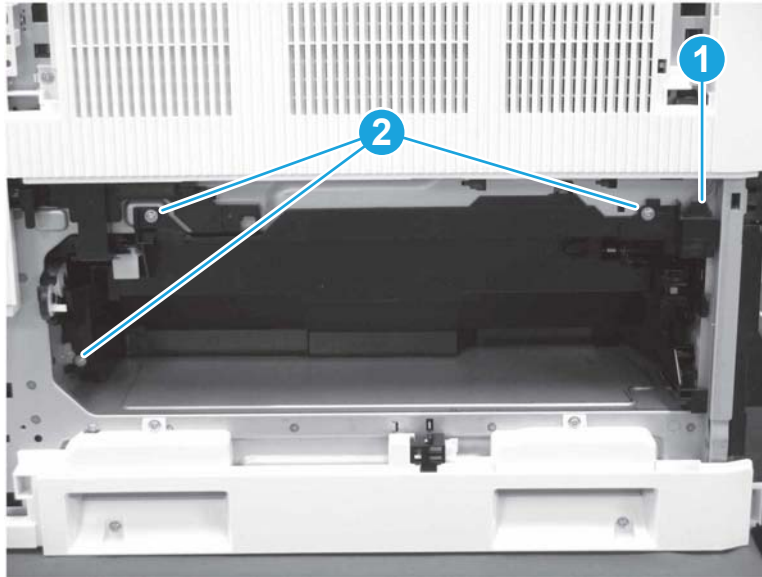
Figure 1-2610 Remove the left upper cover



- 13. Remove the scanner cover.

- a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

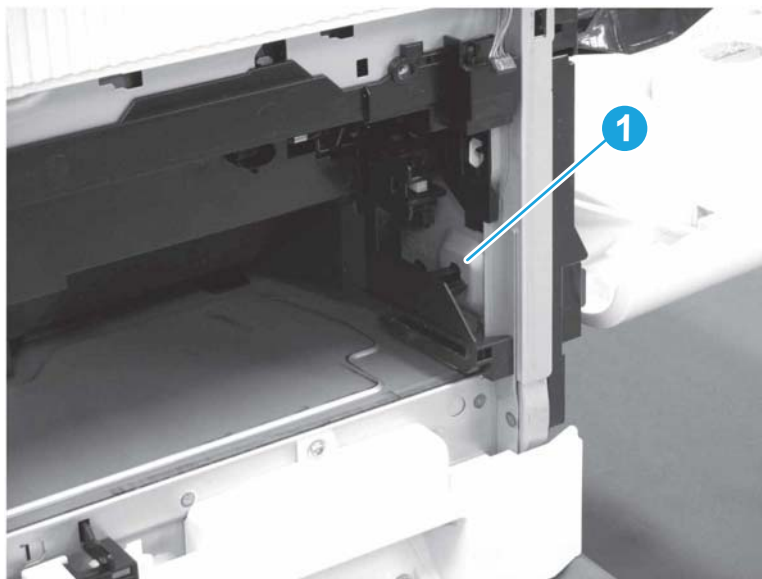
**Figure 1-2611** Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.

- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

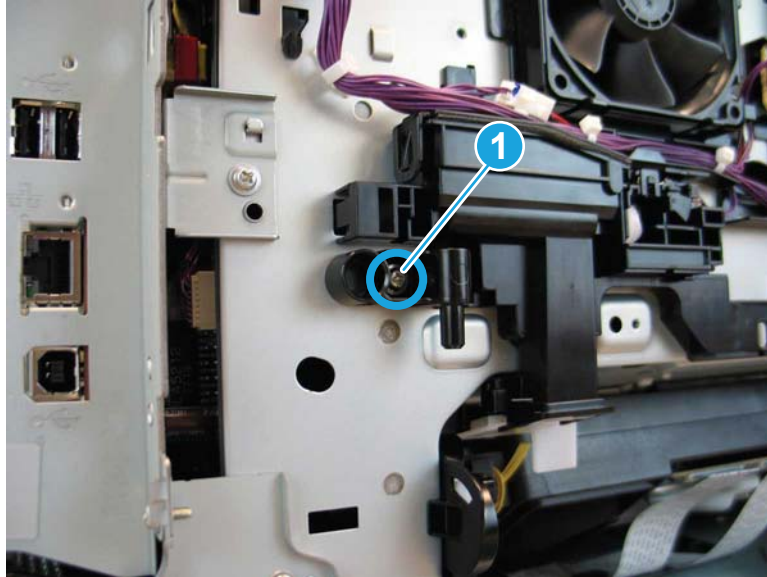
**Figure 1-2612** Remove the scanner cover



- 14. Remove the secondary auger.
  - a. Remove one screw (callout 1).

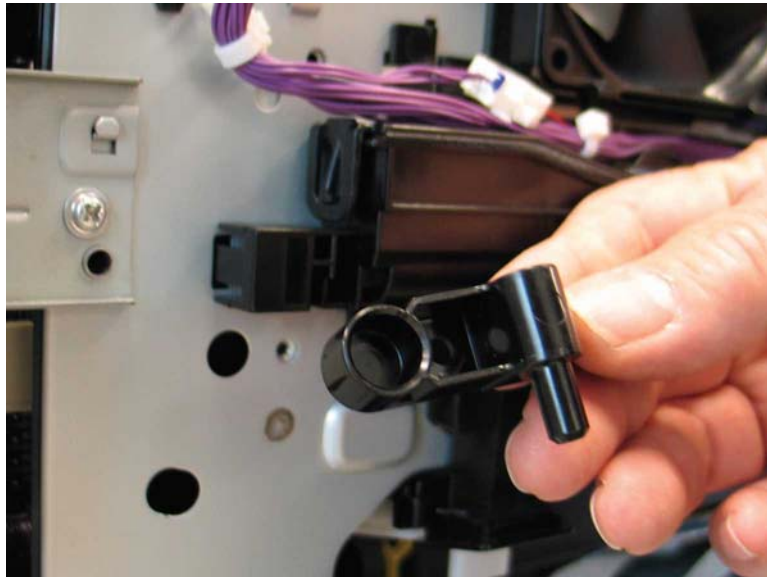


Figure 1-2613 Remove one screws



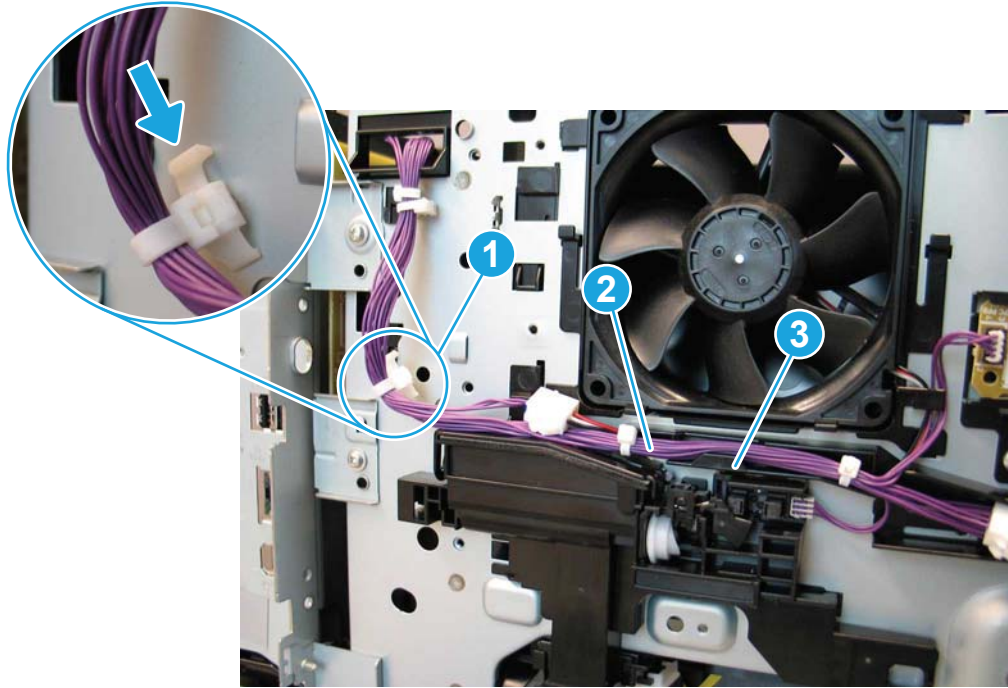
- b. Remove the left door upper hinge.

Figure 1-2614 Remove the left door upper hinge



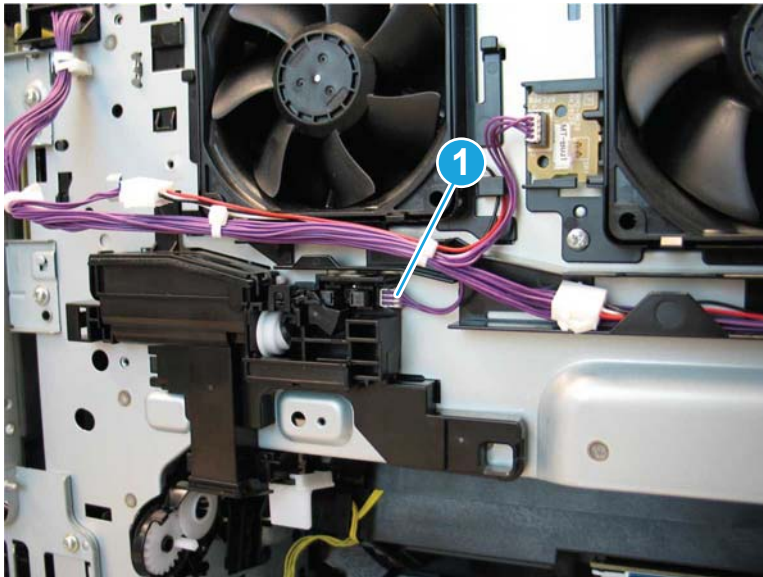
- c. Press the latch to release one retainer (callout 1) from the sheet metal. Remove the wire harness (callout 2) from the guides (callout 3).

Figure 1-2615 Release the wire harness from the guides



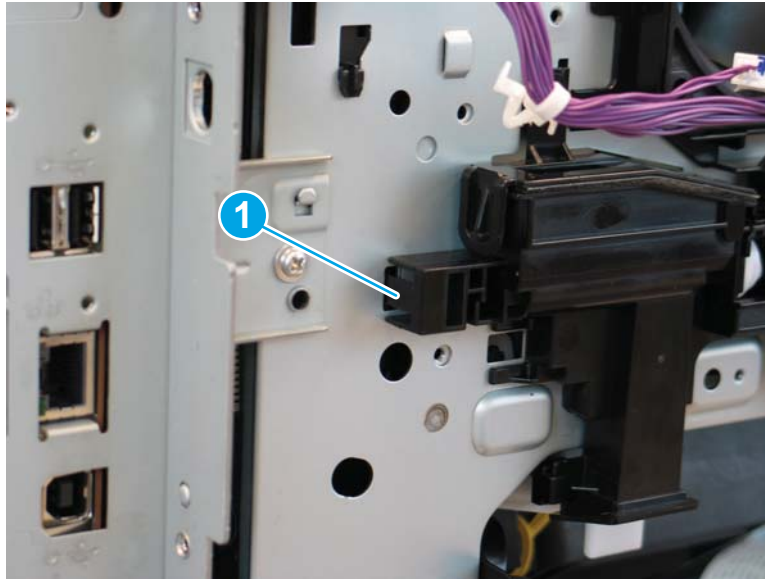
- d. Disconnect one connector (callout 1).

Figure 1-2616 Disconnect one connector



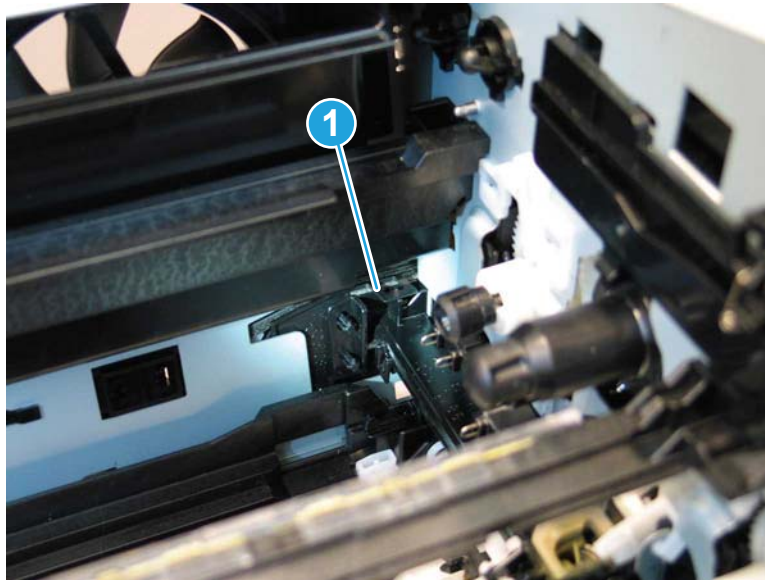
- e. Release one tab (callout 1).

Figure 1-2617 Release one tab



- f. Inside the printer, release one tab that connects to the primary auger (callout 1).

Figure 1-2618 Release one tab




- g. Remove the secondary auger assembly.

**Figure 1-2619** Remove the secondary auger assembly



- 15. Remove the primary auger.

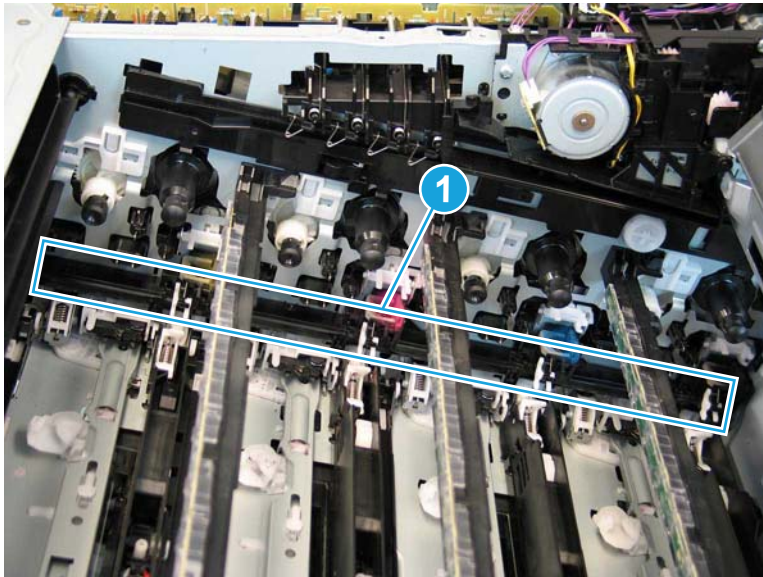
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 **IMPORTANT:** Make sure that the front door is open before removing the primary auger.

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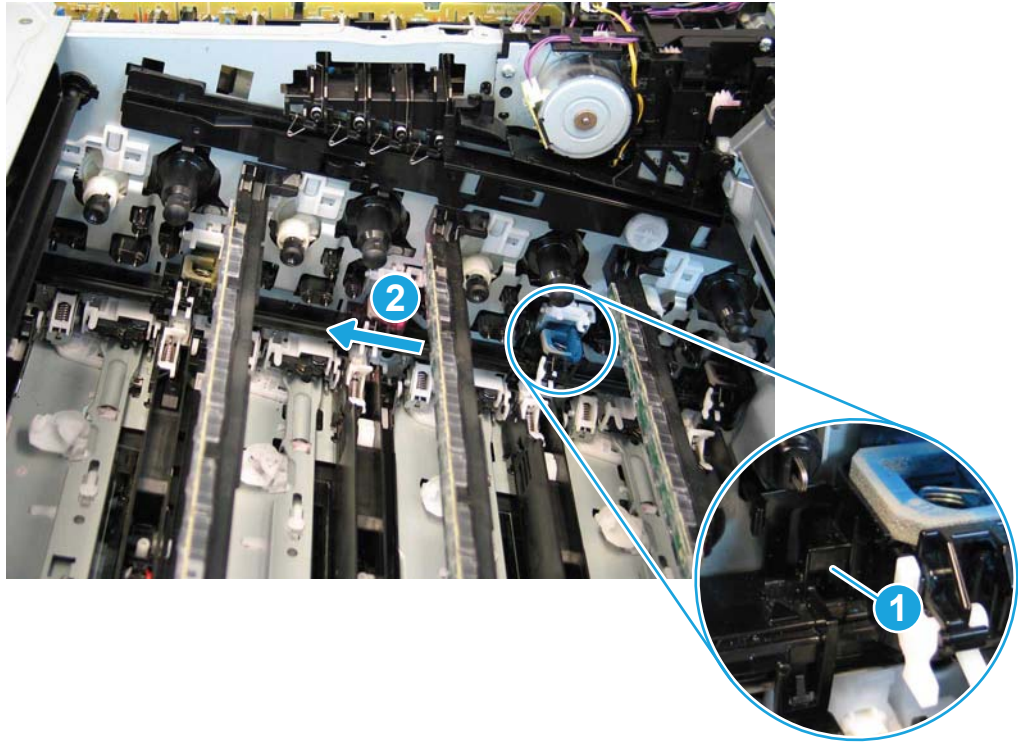
- a. Inside the printer, locate the primary auger (callout 1).

**Figure 1-2620** Locate the primary auger



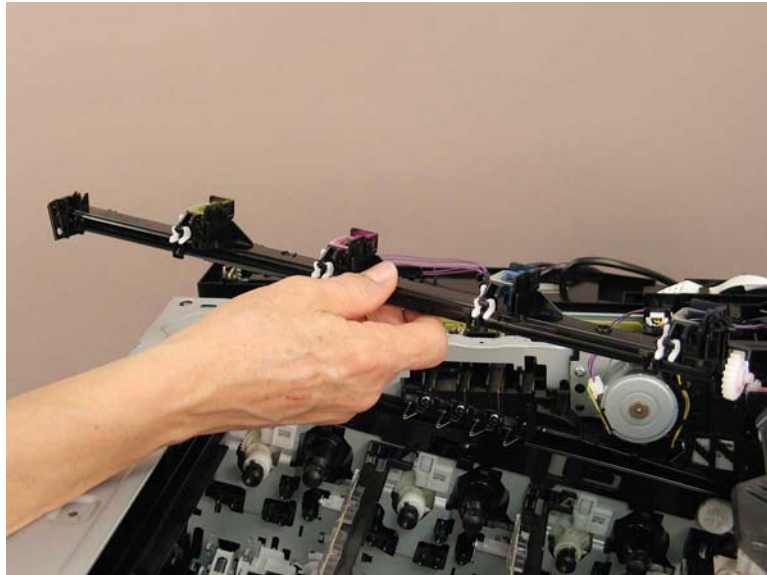
- b. Release one tab (callout 1) next to the cyan opening, and then slide the primary auger toward the left side of the printer (callout 2) to release it.

Figure 1-2621 Release the primary auger




- c. Turn the primary auger as needed to maneuver it out through the top of the printer.

Figure 1-2622 Remove the primary auger



- 16. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

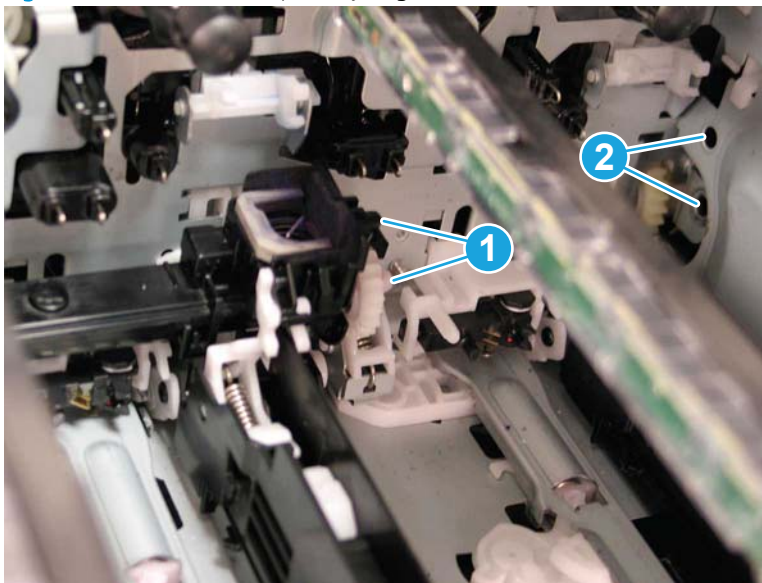
---

17. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

#### Install the primary auger.

- ▲ When installing the primary auger, position the black boss and the center of the gear (callout 1) into the openings (callout 2) in the printer.

**Figure 1-2623** Install the primary auger



#### Removal and replacement: Waste toner feed assembly (M776zs)

Learn how to remove and replace the waste toner feed assembly.

Mean time to repair: 18 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-130** Part information

Part number	Part description
RM2-1520-000CN	Waste toner feed assembly
RC5-0770-000CN	Hinge, left door, upper (if needed)

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the TCU.
  - a. Open the front door.

**Figure 1-2624** Open the front door



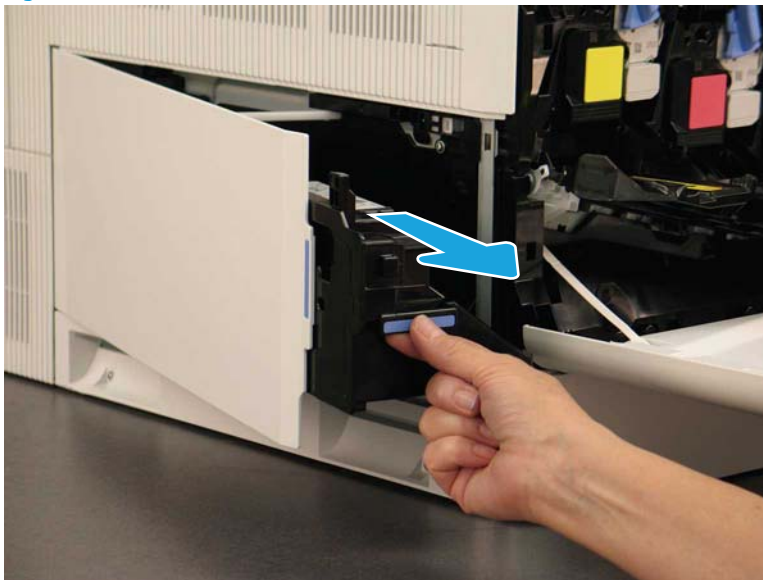
- b. Open the left door.

Figure 1-2625 Open the left door



- c. Grasp the front of the TCU, and then remove it from the printer.

Figure 1-2626 Remove the TCU



- 2. Remove the imaging drums.

- a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.



Figure 1-2627 Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

Figure 1-2628 Remove the imaging drum



3. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

Figure 1-2629 Remove the toner cartridge



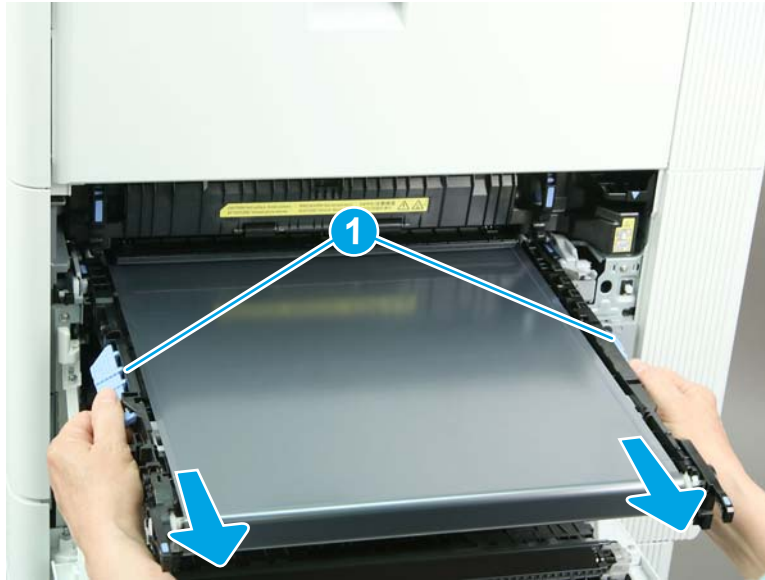
4. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2630 Partially remove the ITB



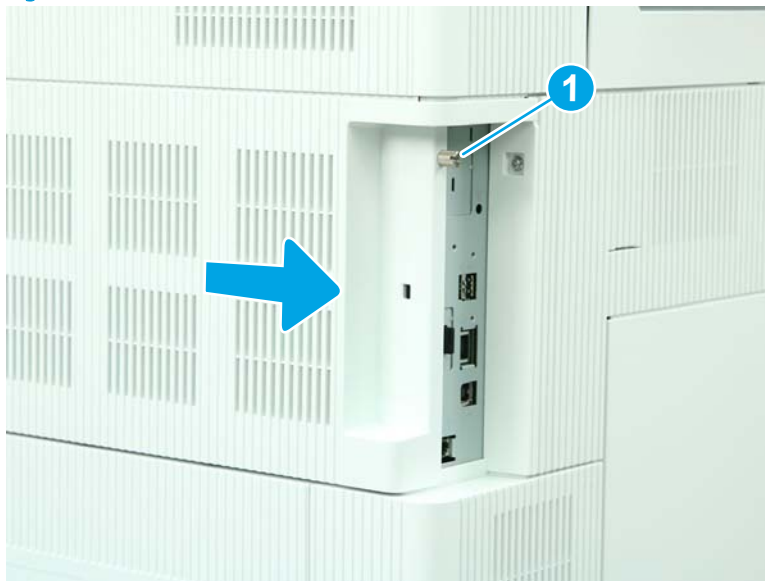
- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

Figure 1-2631 Remove the ITB



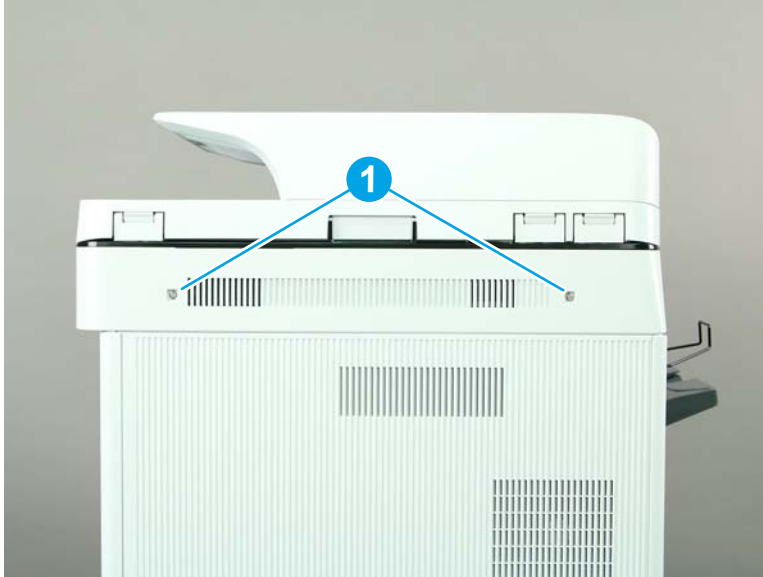
5. Remove the formatter cover.
  - ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2632 Remove the formatter cover



6. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2633 Remove two screws



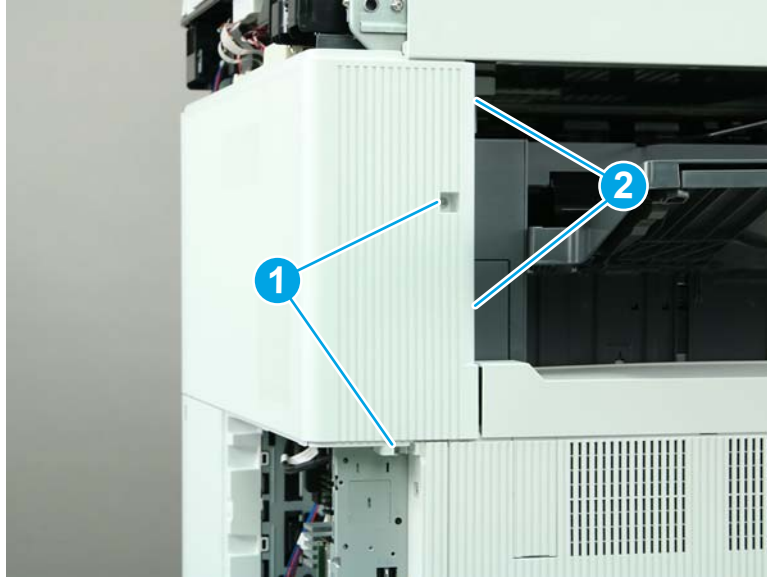
- b. Remove the SCB cover.

Figure 1-2634 Remove the SCB cover



- 7. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2635** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-2636** Remove the rear upper and left rear upper cover



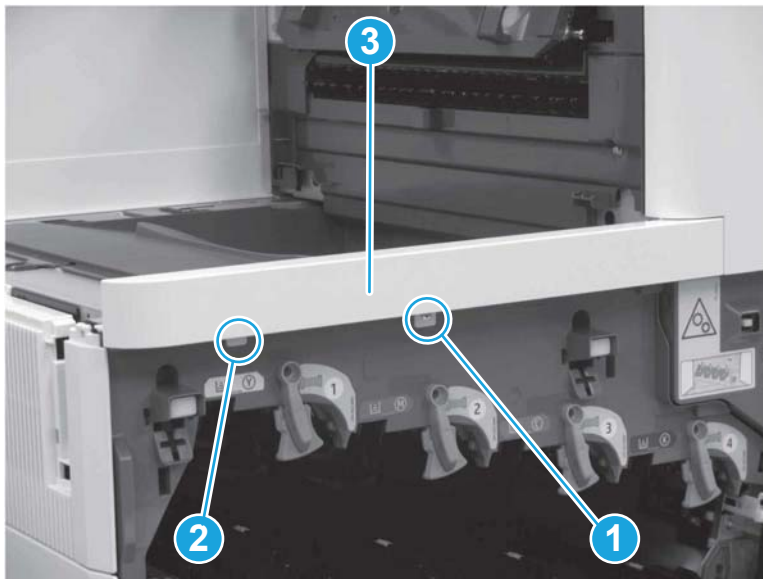
- 8. Remove the front cover (M776zs).
  - a. Open the front door.

Figure 1-2637 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-2638 Remove the front cover



9. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).

Figure 1-2639 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

Figure 1-2640 Release the control panel cover



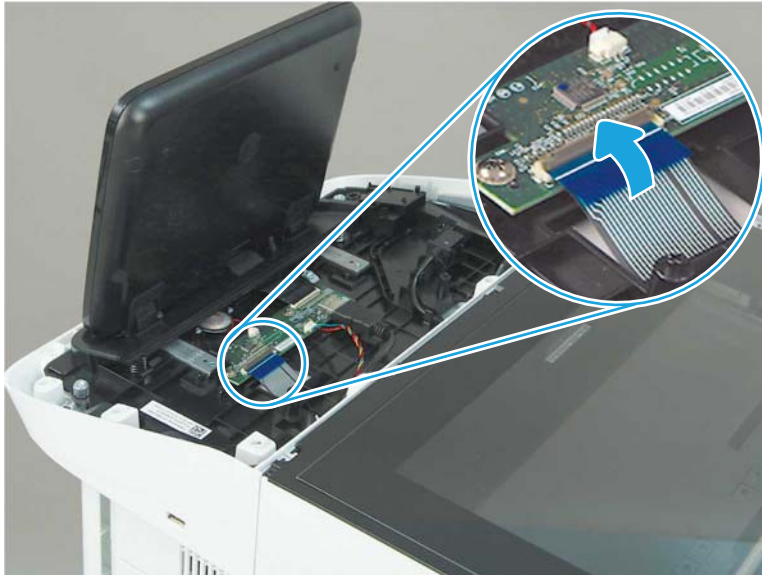
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-2641 Remove the control panel cover



- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

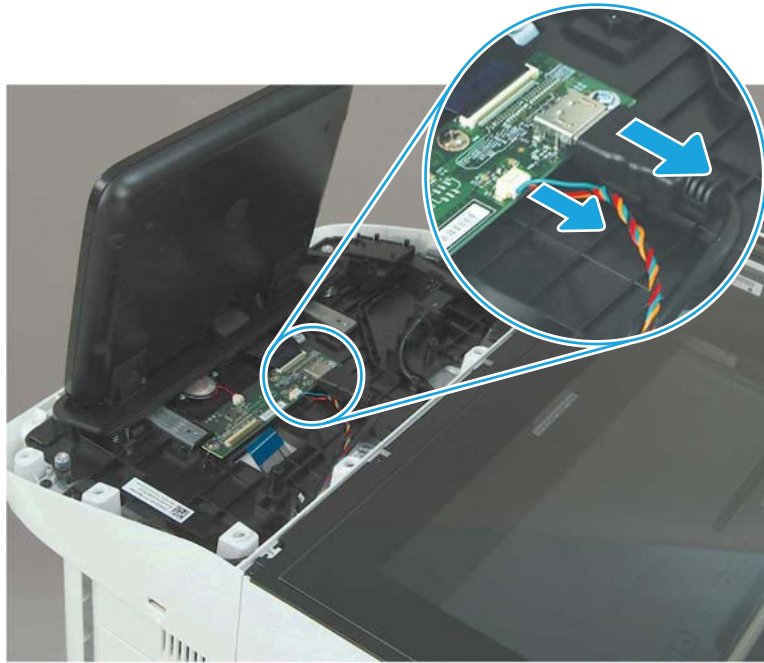
Figure 1-2642 Release the keyboard flat cable (M776z/M776zs)





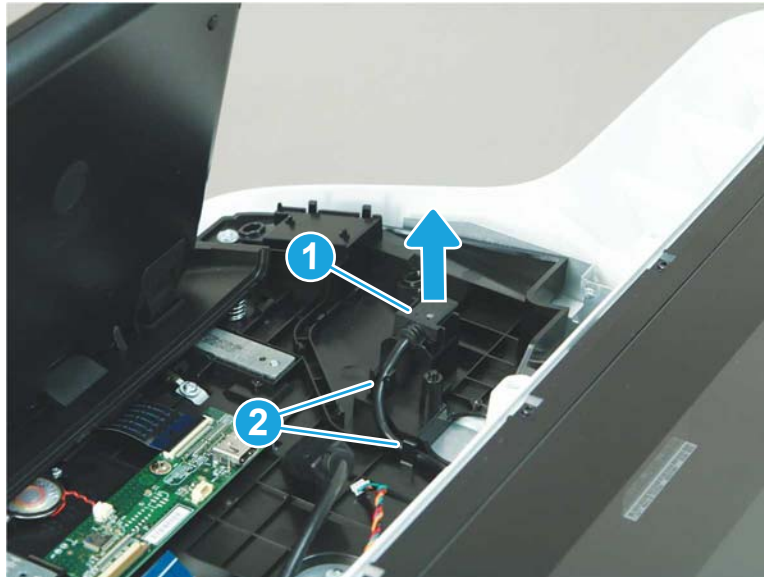
- e. Disconnect two connectors

Figure 1-2643 Disconnect two connectors



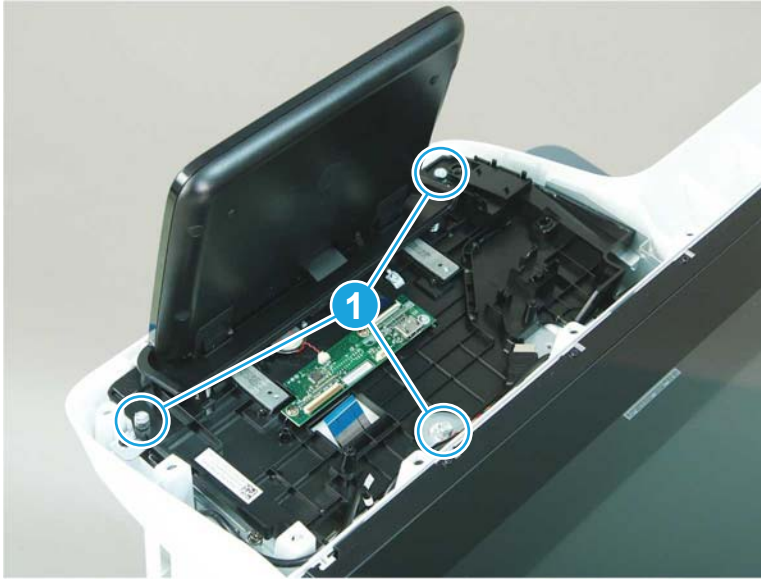
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-2644 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-2645 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-2646 Remove the control panel



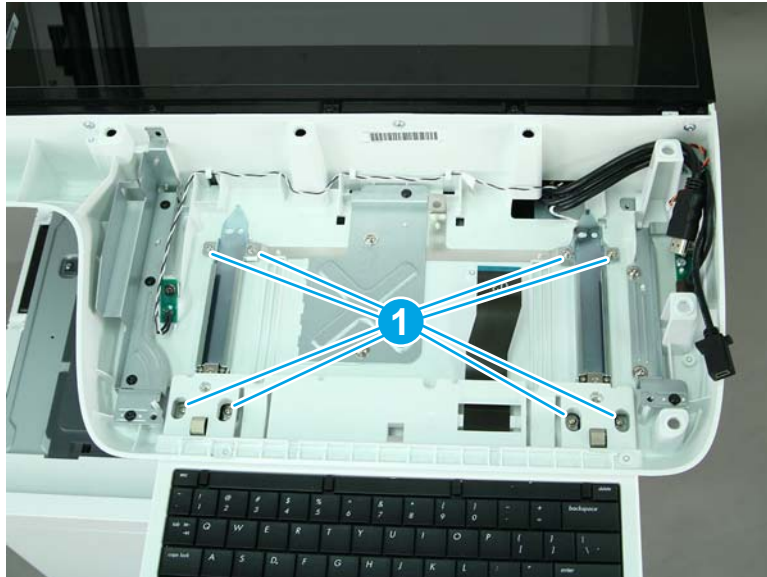
- 10. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-2647 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-2648 Remove eight screws



- c. Remove the keyboard and rails.

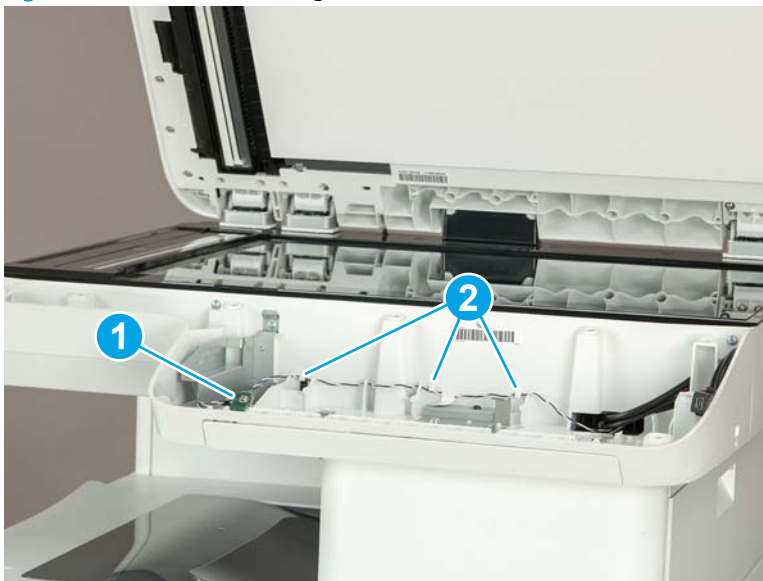
**Figure 1-2649** Remove the keyboard and rails



- 11. Remove the nose cone (M776).

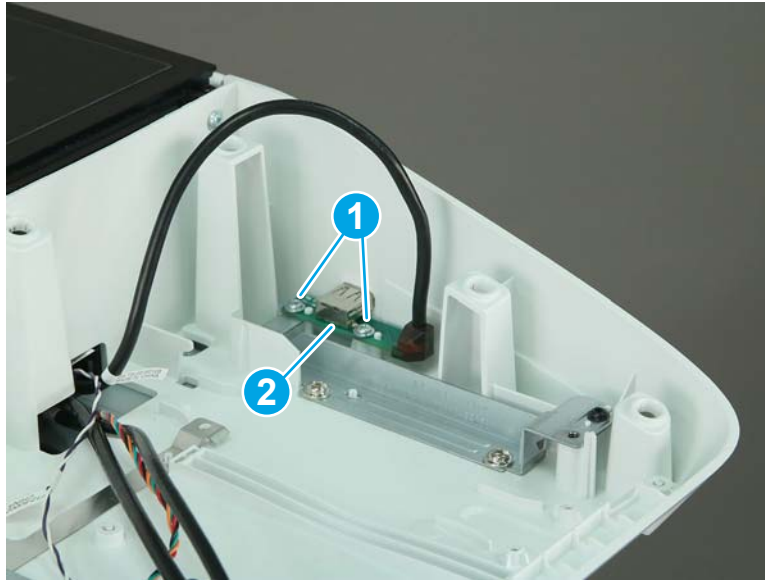
- a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

**Figure 1-2650** Release the light PCA



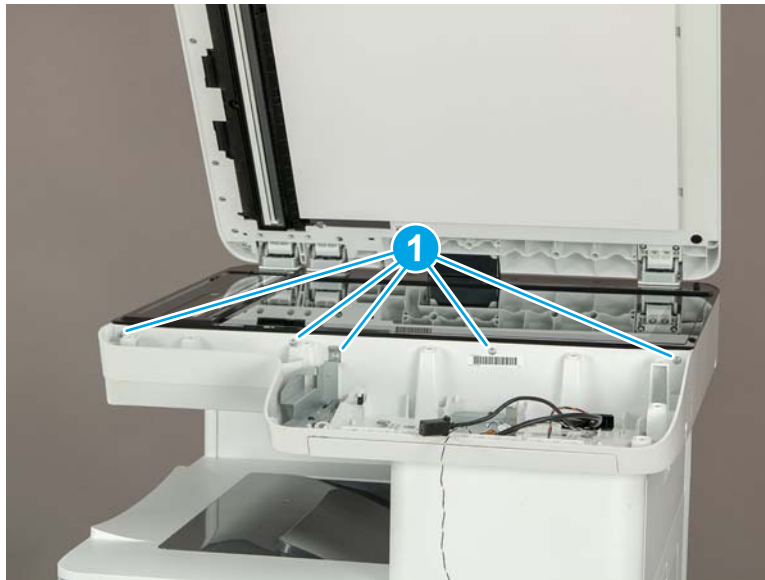
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-2651 Release the USB port PCA



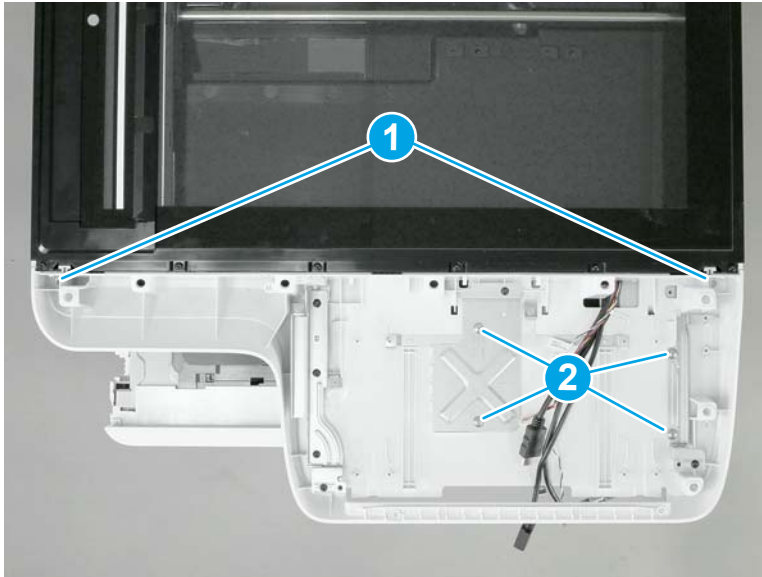
- c. Remove five screws (callout 1).

Figure 1-2652 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

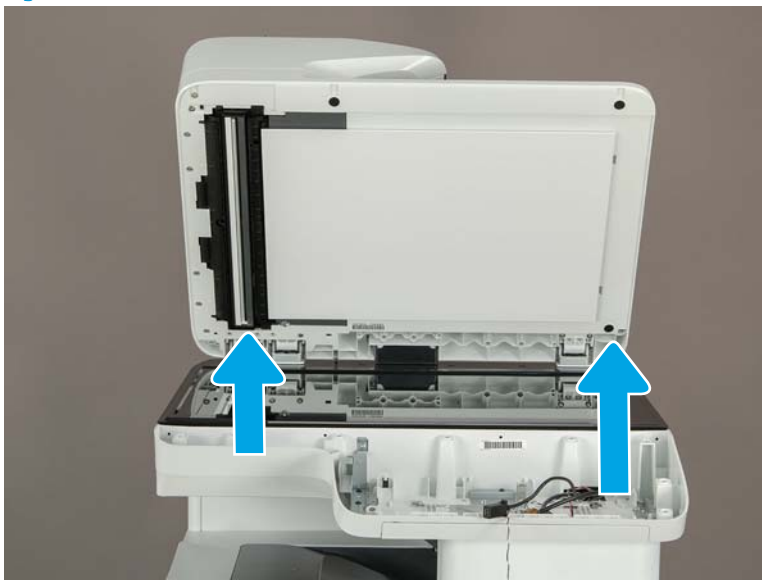
Figure 1-2653 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.

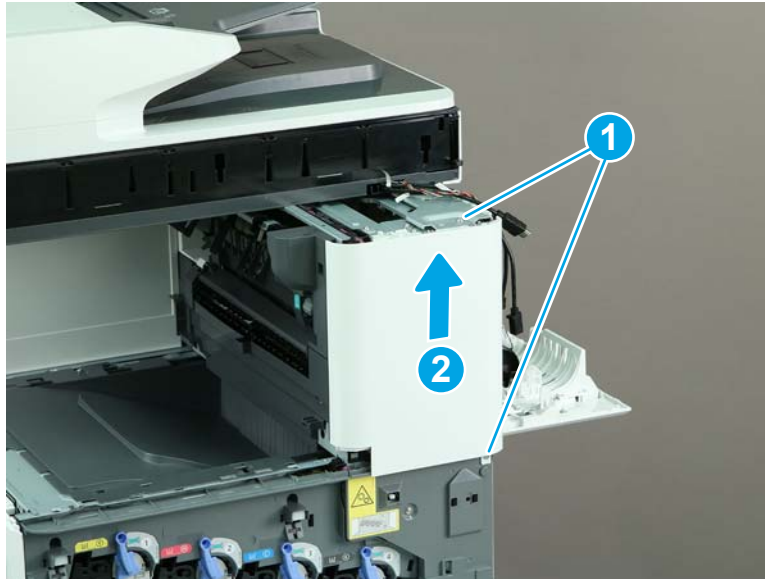
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

Figure 1-2654 Remove the nose cone



12. Remove the right front cover (M776zs).
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.

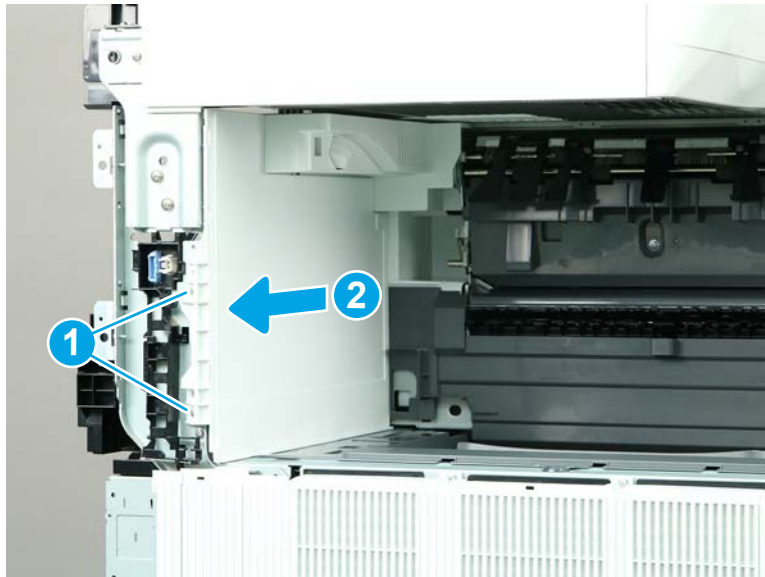
Figure 1-2655 Remove the right front cover



13. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

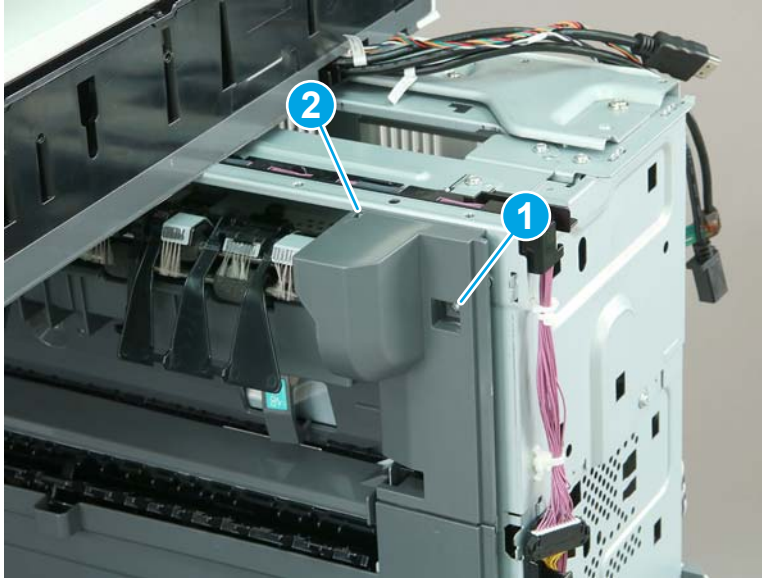
Figure 1-2656 Remove the main cover



14. Remove the delivery front cover (M776zs).

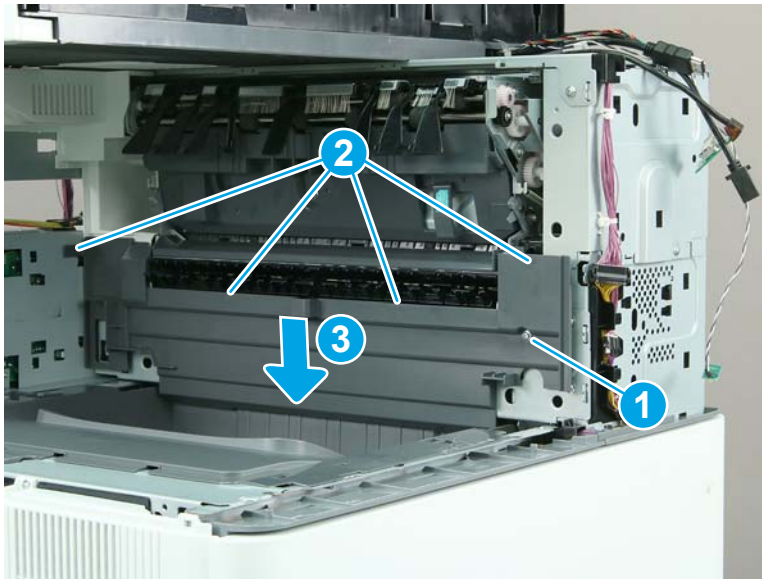
- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

Figure 1-2657 Remove the delivery front cover



15. Remove the delivery cover (M776zs).
  - ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

Figure 1-2658 Remove the delivery cover



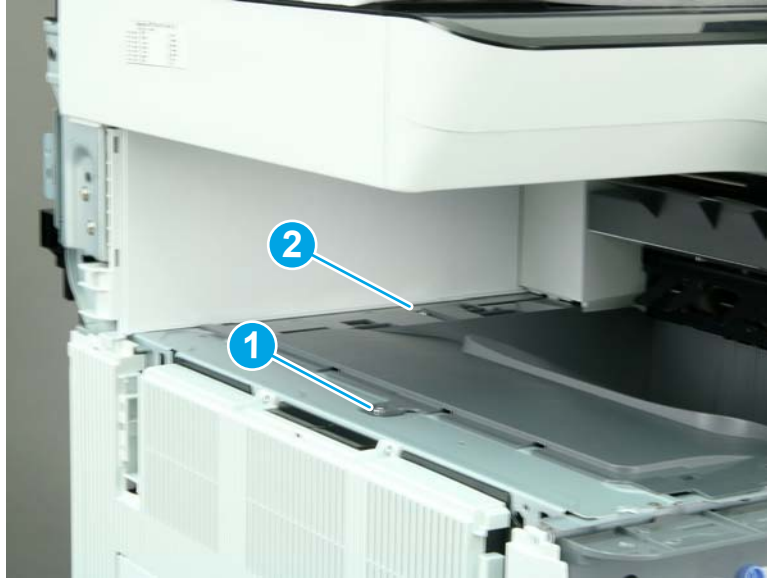
16. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).



Figure 1-2659 Remove two screws



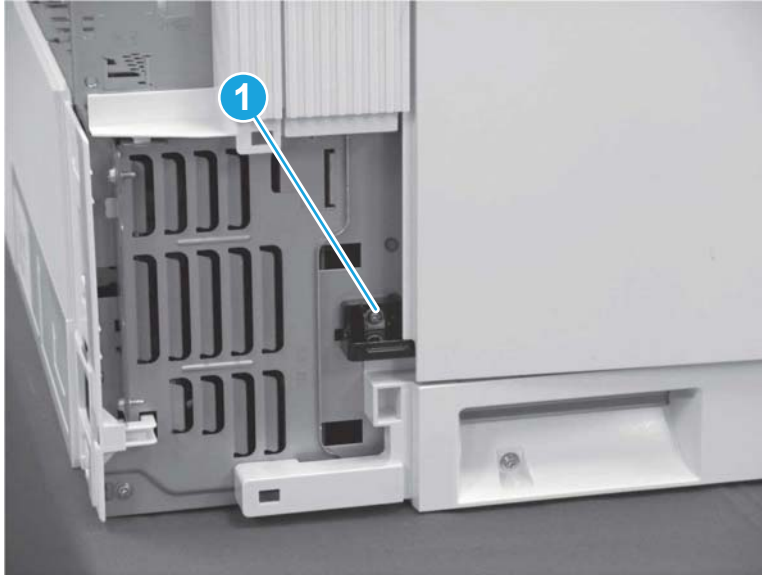
- b. Remove the output bin.

Figure 1-2660 Remove the output bin



- 17. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-2661 Remove one screw



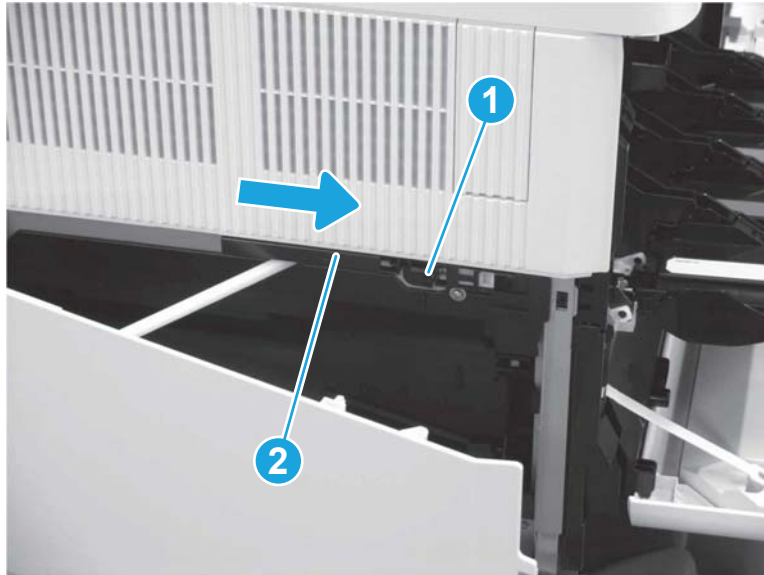
- b. Release the holder, and then remove it from the printer.

Figure 1-2662 Remove the holder



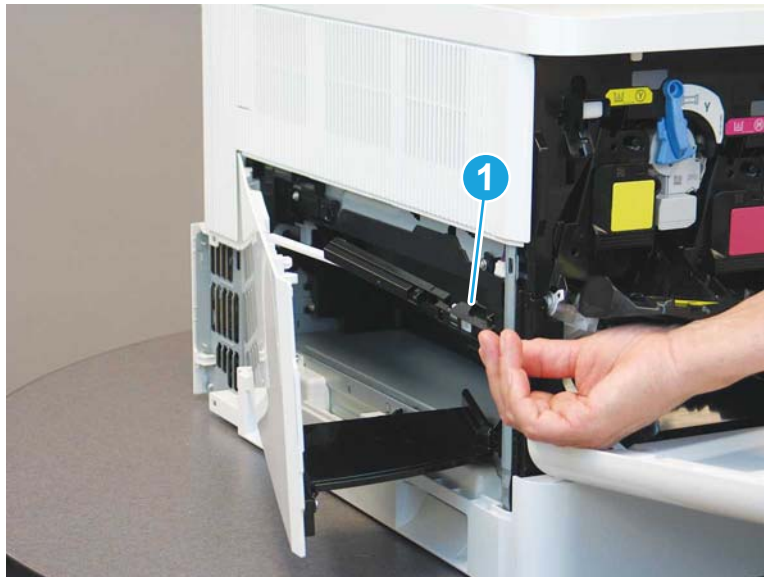
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-2663 Slide the holder



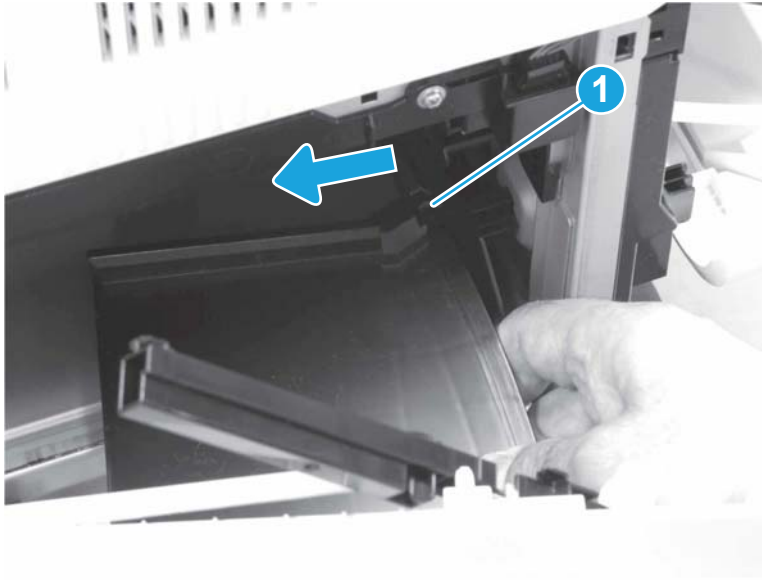
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-2664 Release the holder



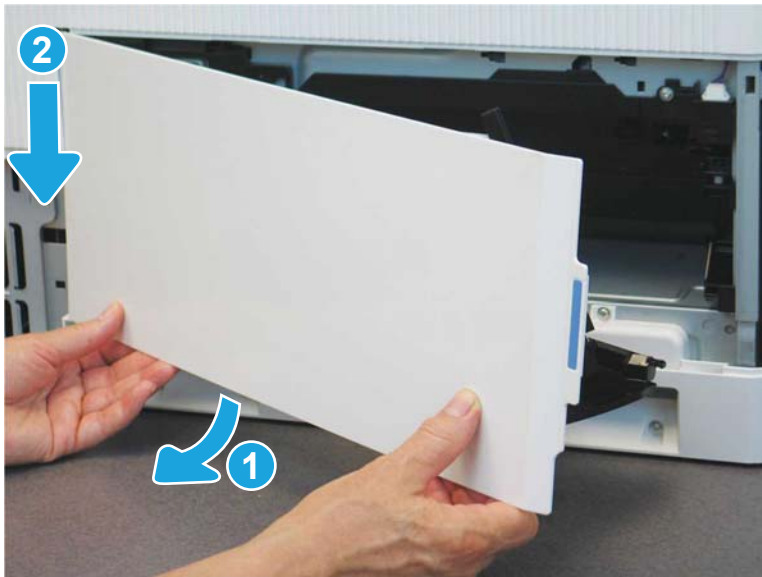
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-2665 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-2666 Remove the left door



- 18. Remove the left rear cover (M751/E75245/M856/E85055/M776).
  - a. Remove one screw (callout 1).

Figure 1-2667 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

Figure 1-2668 Remove the left rear cover

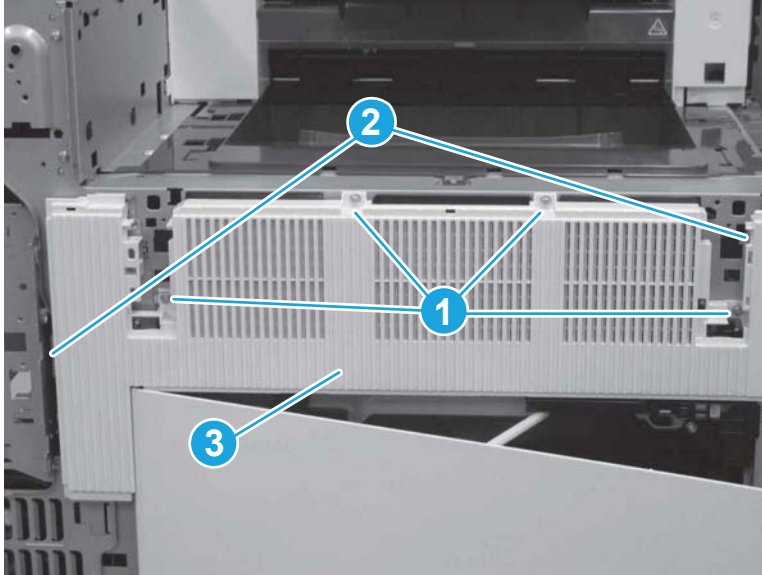


- 19. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

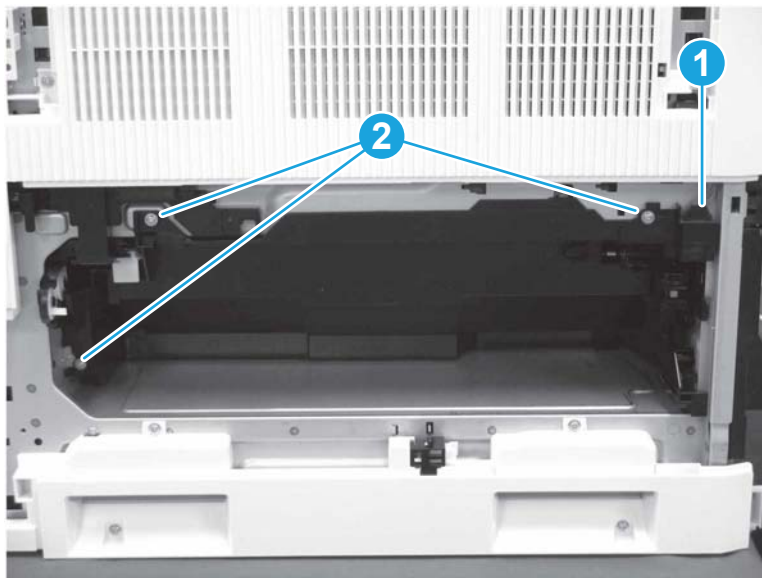
- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2669 Remove the left upper cover



20. Remove the scanner cover.
  - a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

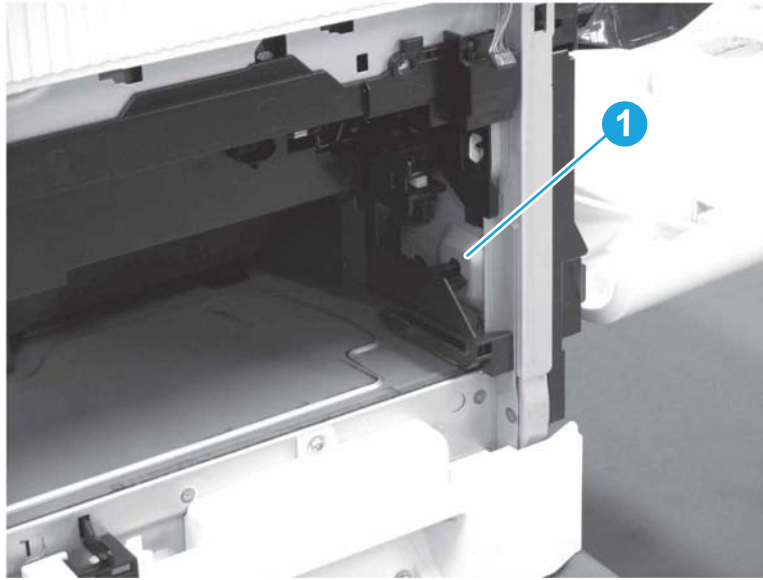
Figure 1-2670 Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.

- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

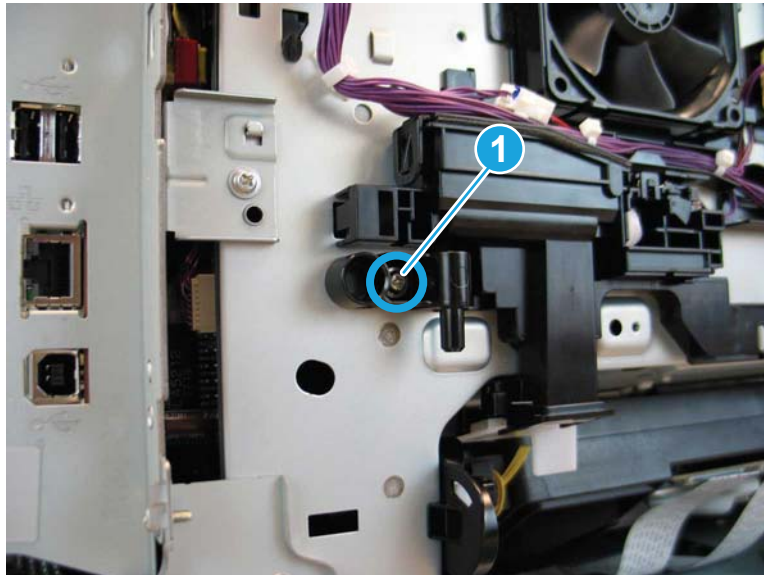
Figure 1-2671 Remove the scanner cover



- 21. Remove the secondary auger.

- a. Remove one screw (callout 1).

Figure 1-2672 Remove one screws



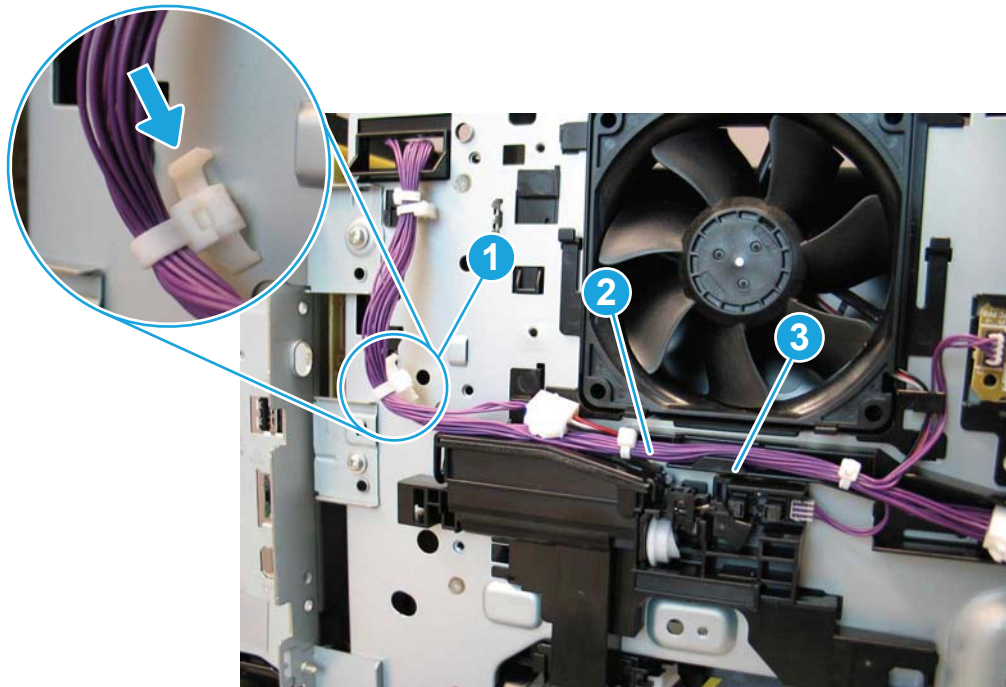
- b. Remove the left door upper hinge.

Figure 1-2673 Remove the left door upper hinge



- c. Press the latch to release one retainer (callout 1) from the sheet metal. Remove the wire harness (callout 2) from the guides (callout 3).

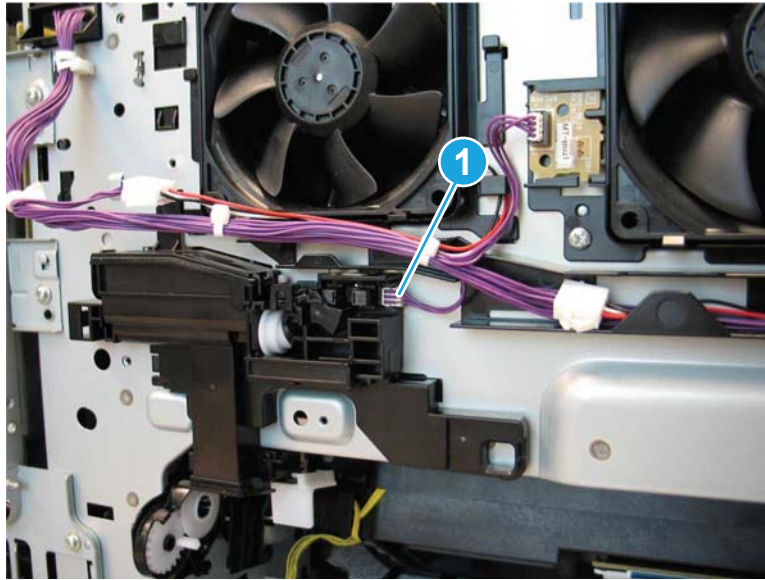
Figure 1-2674 Release the wire harness from the guides





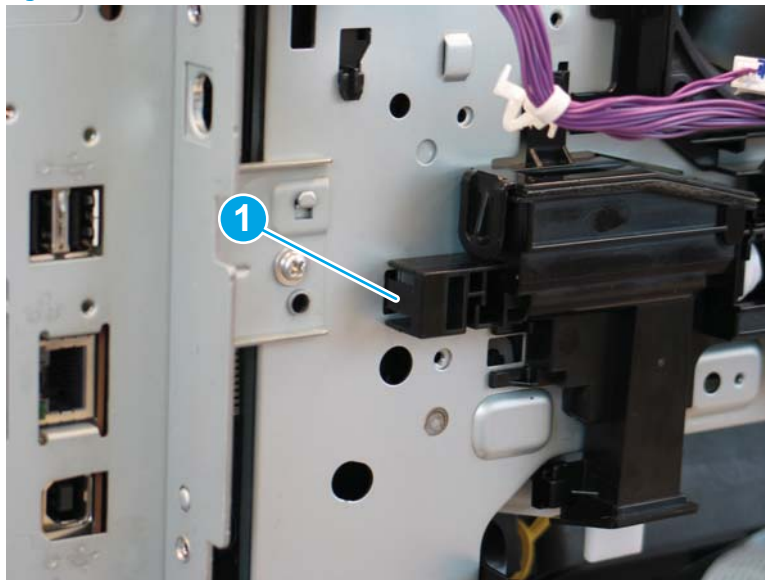
- d. Disconnect one connector (callout 1).

Figure 1-2675 Disconnect one connector



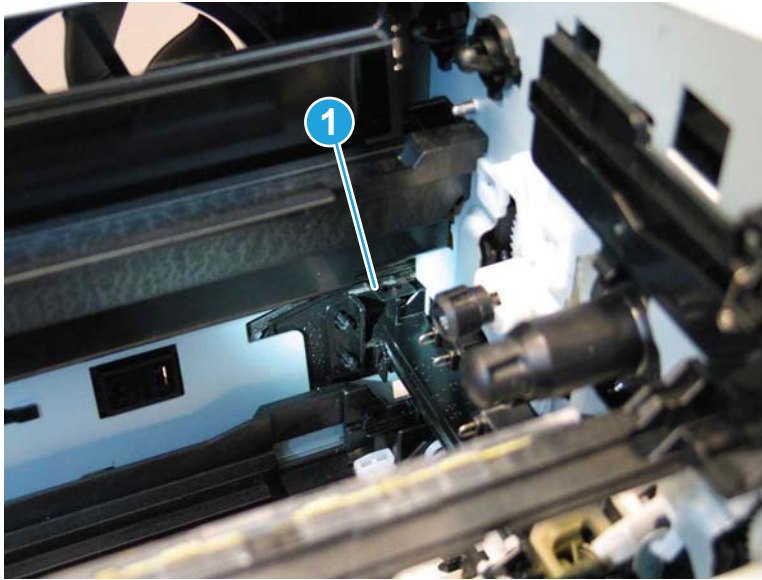
- e. Release one tab (callout 1).

Figure 1-2676 Release one tab



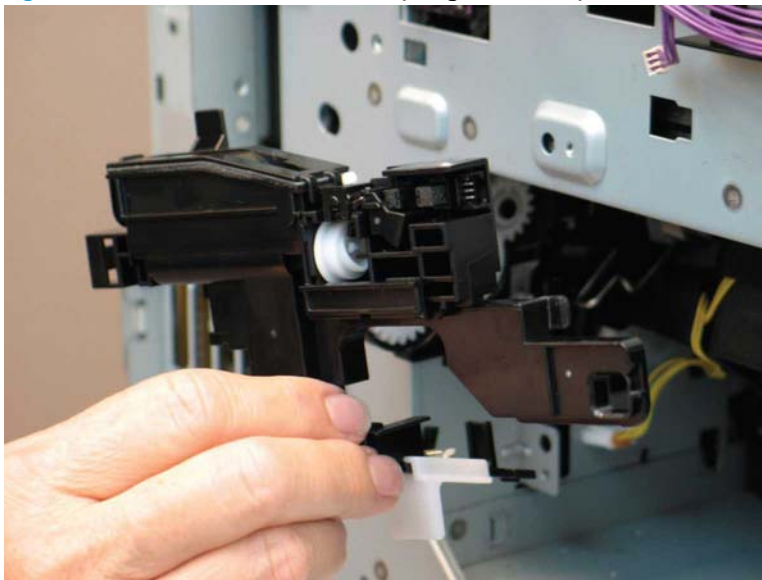
- f. Inside the printer, release one tab that connects to the primary auger (callout 1).

Figure 1-2677 Release one tab




- g. Remove the secondary auger assembly.

Figure 1-2678 Remove the secondary auger assembly



- 22. Remove the primary auger.

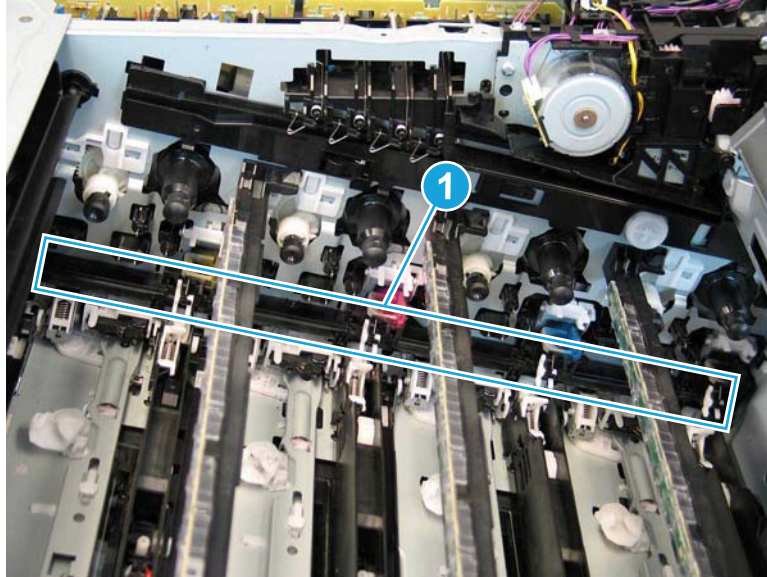
---

 **IMPORTANT:** Make sure that the front door is open before removing the primary auger.

---

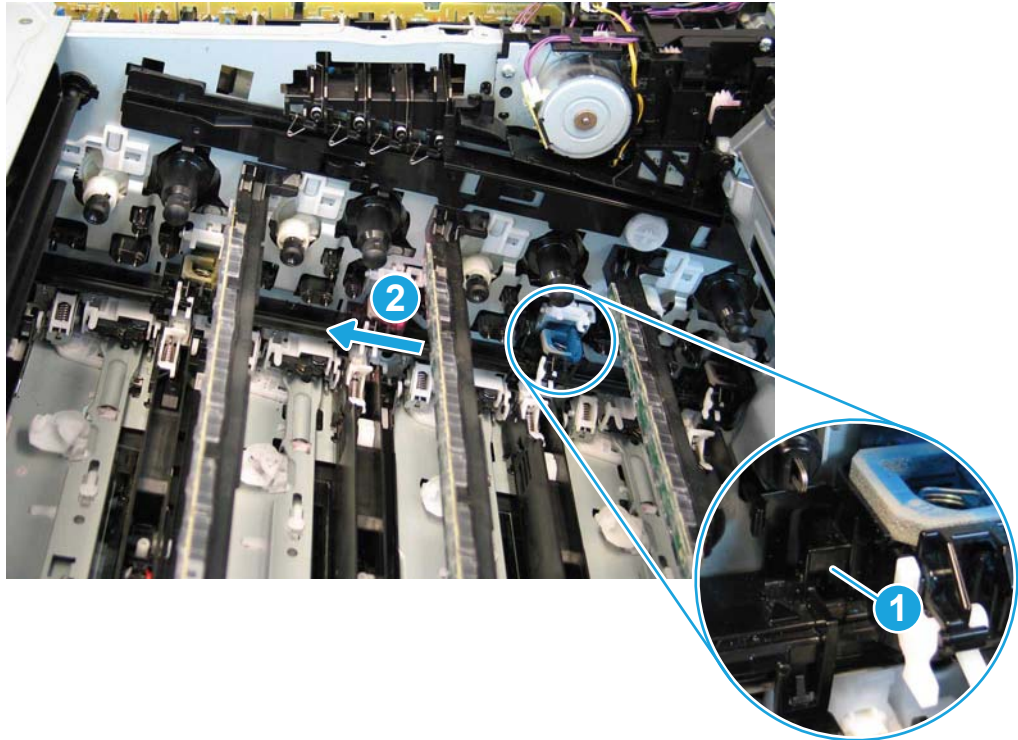
- a. Inside the printer, locate the primary auger (callout 1).

Figure 1-2679 Locate the primary auger



- b. Release one tab (callout 1) next to the cyan opening, and then slide the primary auger toward the left side of the printer (callout 2) to release it.

Figure 1-2680 Release the primary auger



- c. Turn the primary auger as needed to maneuver it out through the top of the printer.

**Figure 1-2681** Remove the primary auger



23. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

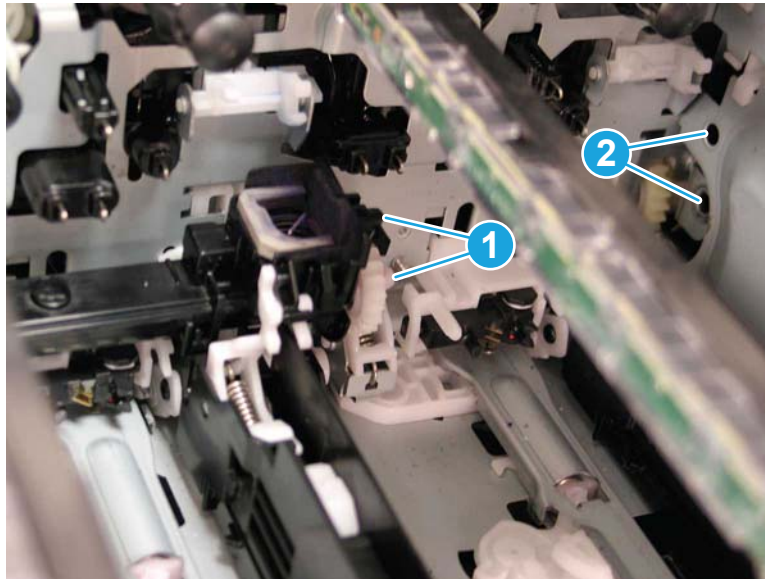
---

24. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the primary auger.

- ▲ When installing the primary auger, position the black boss and the center of the gear (callout 1) into the openings (callout 2) in the printer.

Figure 1-2682 Install the primary auger



### Removal and replacement: Waste toner gear base assembly (M751/E75245)

Learn how to remove and replace the waste toner gear base assembly.

 [View a video of how to remove and replace the waste toner gear base assembly.](#)


Mean time to repair: 45 minutes

Service level: Difficult

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-131 Part information

Part number	Part description
RM2-1364-000CN	Waste toner gear base assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

#### 1. Remove the toner cartridges.

- ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-2683** Remove the toner cartridge



#### 2. Remove the imaging drums.

- a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-2684 Rotate the blue lever



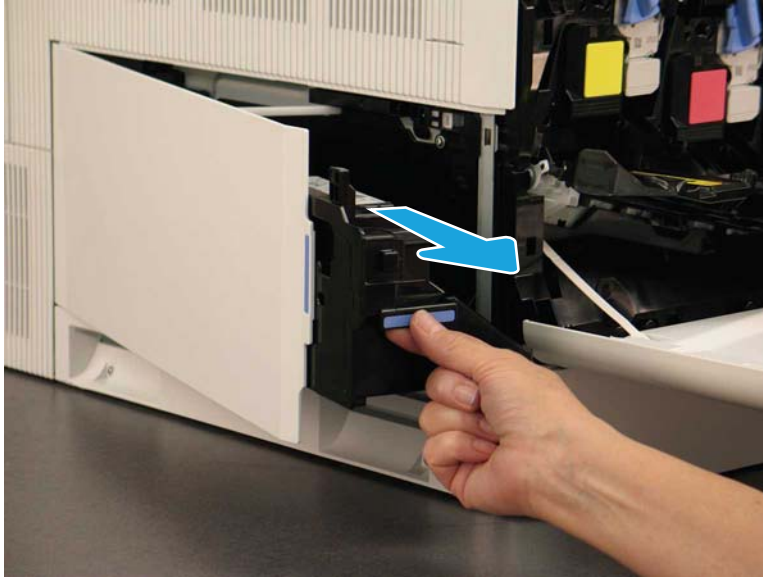
- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

Figure 1-2685 Remove the imaging drum



3. Remove the TCU.
  - ▲ Open the front door, and then open the left door. Grasp the front of the toner-collection unit, and then remove it from the printer.

Figure 1-2686 Remove the TCU



4. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

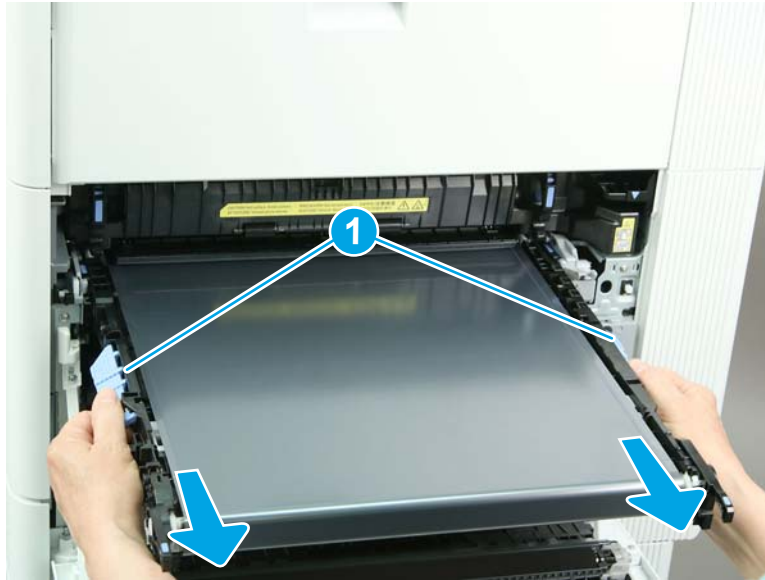
Figure 1-2687 Partially remove the ITB





- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

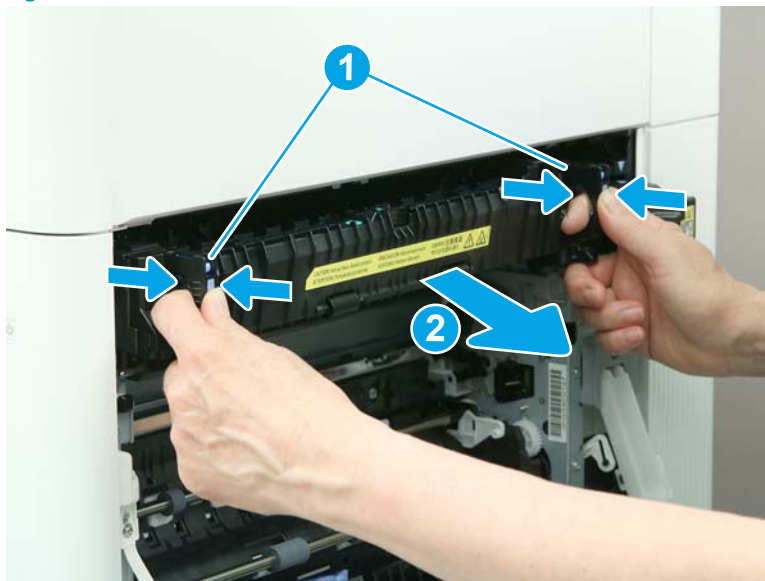
Figure 1-2688 Remove the ITB



5. Remove the fuser.

- ▲ Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

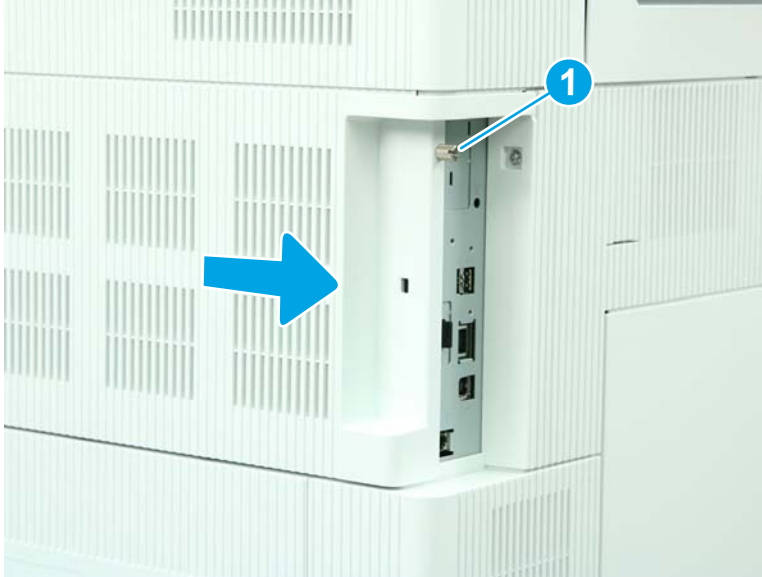
Figure 1-2689



6. Remove the formatter cover.

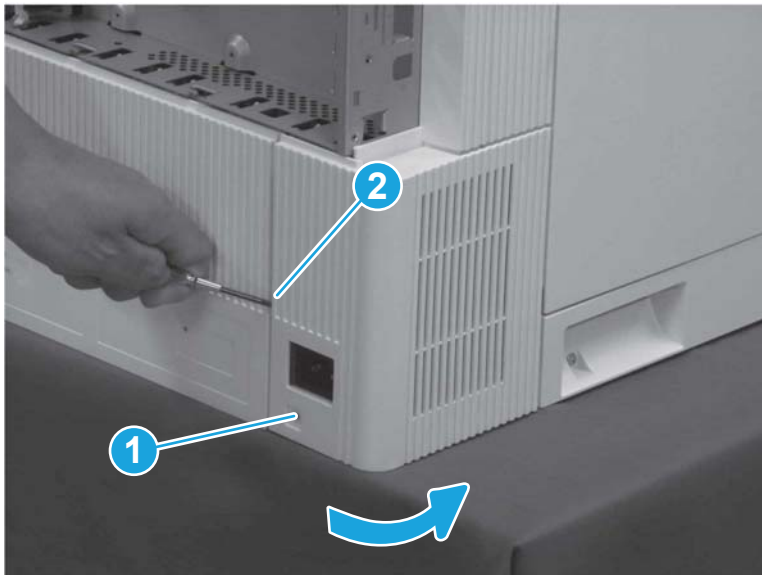
- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2690 Remove the formatter cover



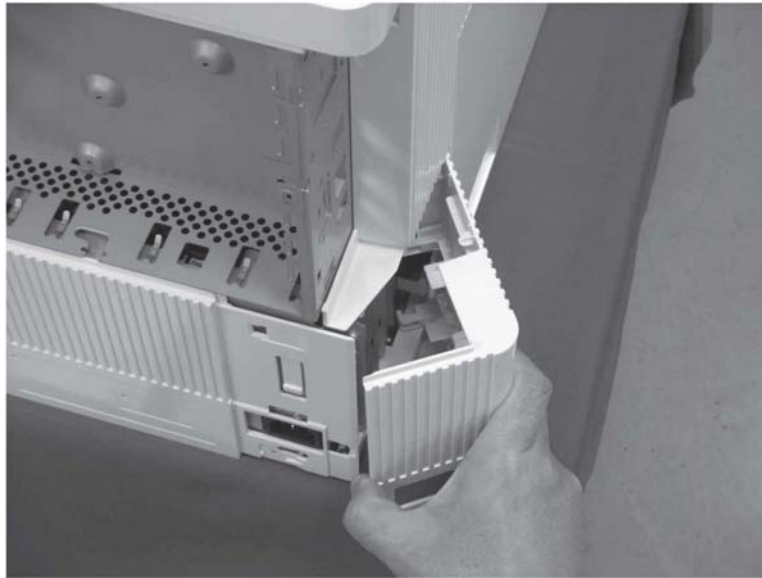
7. Remove the left lower cover (M751/E75245).
  - a. Remove one screw (callout 1), release one tab (callout 2), and then rotate the cover away from the printer.

Figure 1-2691 Remove one screw and release one tab



- b. Remove the left lower cover.

Figure 1-2692 Remove the left lower cover



- 8. Remove the left rear cover (M751/E75245/M856/E85055/M776).

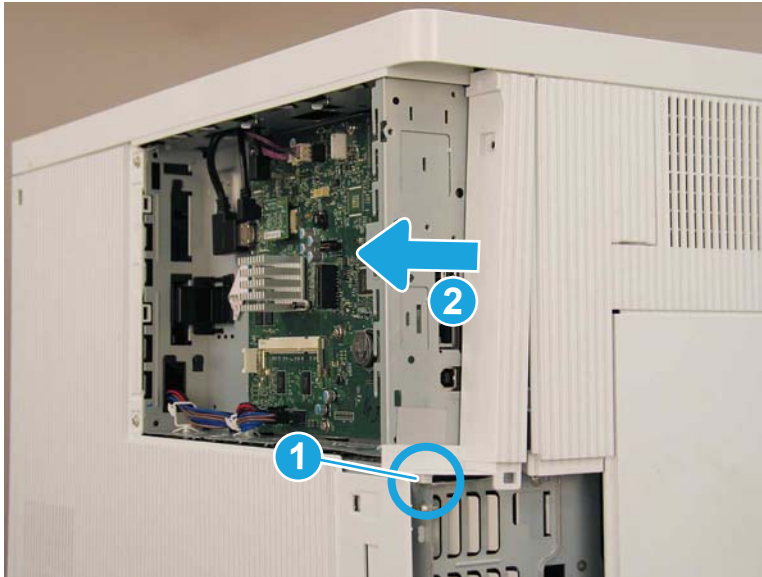
- a. Remove one screw (callout 1).

Figure 1-2693 Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

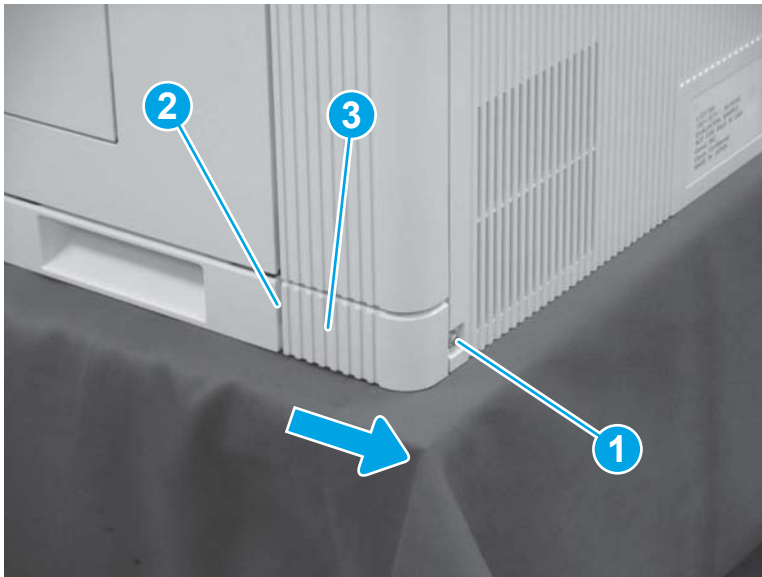
Figure 1-2694 Remove the left rear cover



- 9. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

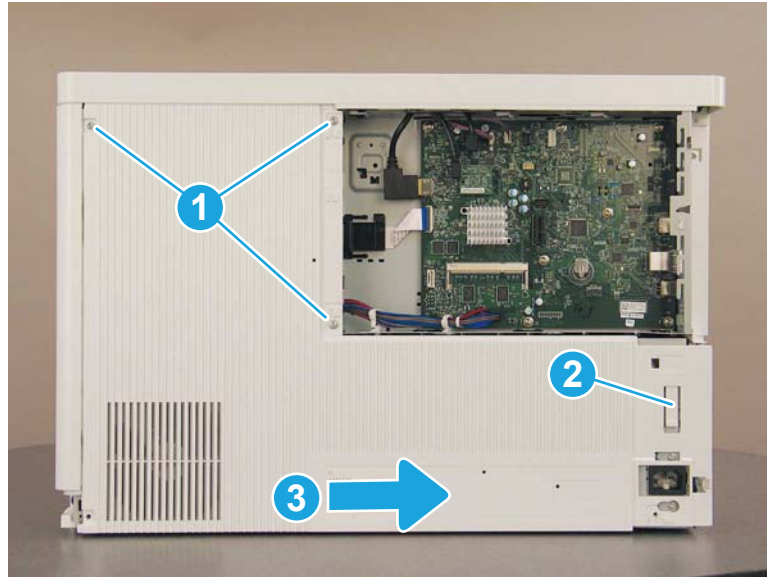
Figure 1-2695 Remove the right rear lower cover



- 10. Remove the rear cover (M751/E75245).

- ▲ Remove three screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right (callout 3) to remove it.

Figure 1-2696 Remove the rear cover

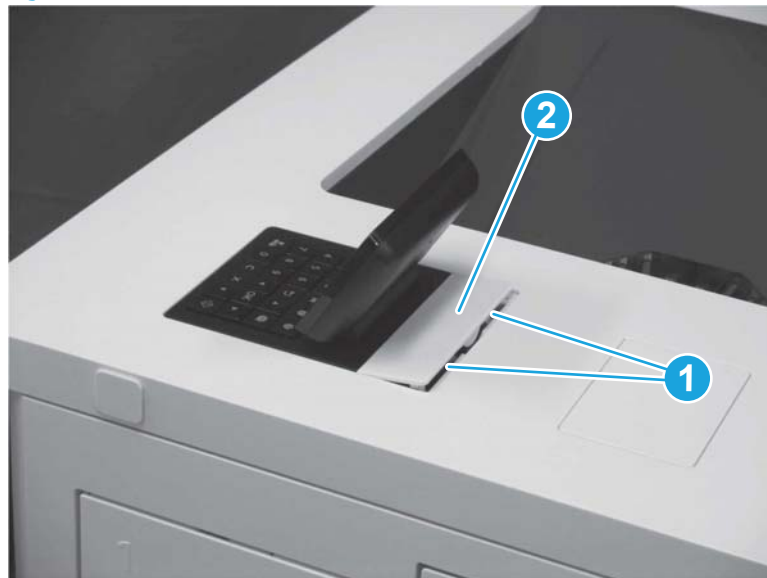


11. Remove the control panel.

 **NOTE:** A screwdriver is included in the control panel kit. The screwdriver has a reversible shaft. Simply pull the shaft out of the handle, and then reinstall it with the desired end facing out.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2697 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2698 Remove one screw



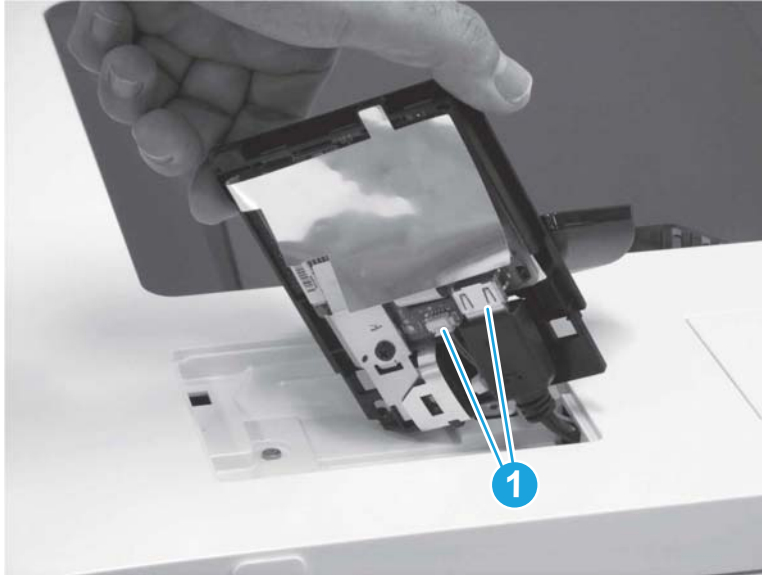
- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2699 Slide the control panel back



- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors (callout 1) to remove the control panel.

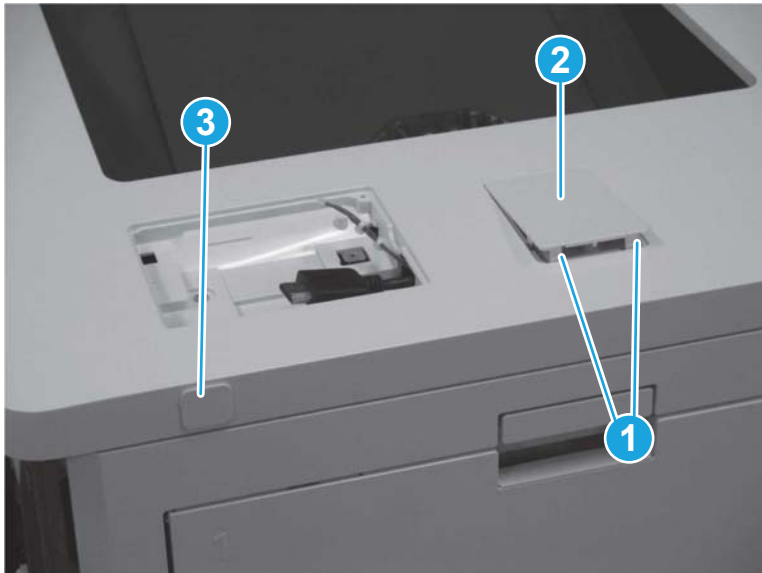
**Figure 1-2700** Disconnect two connectors



12. Remove the top cover (M751/E75245).

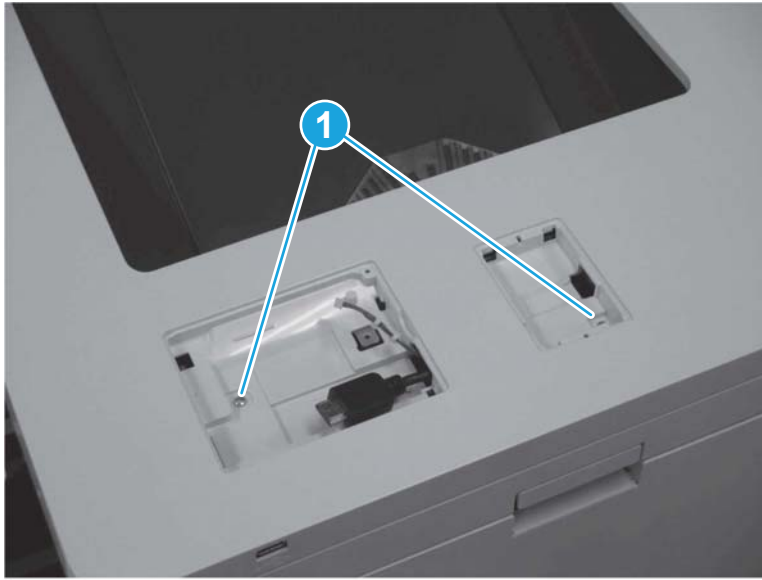
- a. Release two tabs (callout 1), and then remove the HIP cover (callout 2). Pull the USB cap (callout 3) away from the printer to remove it.

**Figure 1-2701** Remove the HIP cover and USB cap



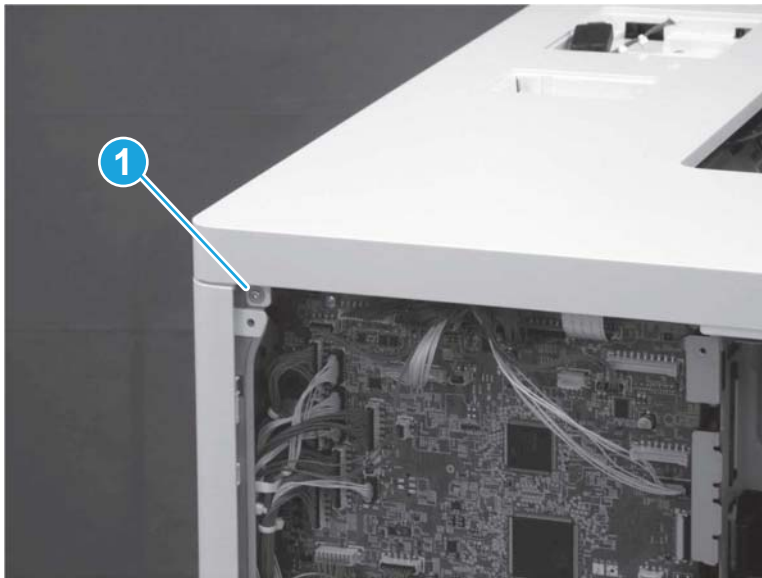
- b. At the top of the printer, remove two screws (callout 1).

Figure 1-2702 Remove two screws




- c. At the back of the printer, remove one screw (callout 1).

Figure 1-2703 Remove one screw



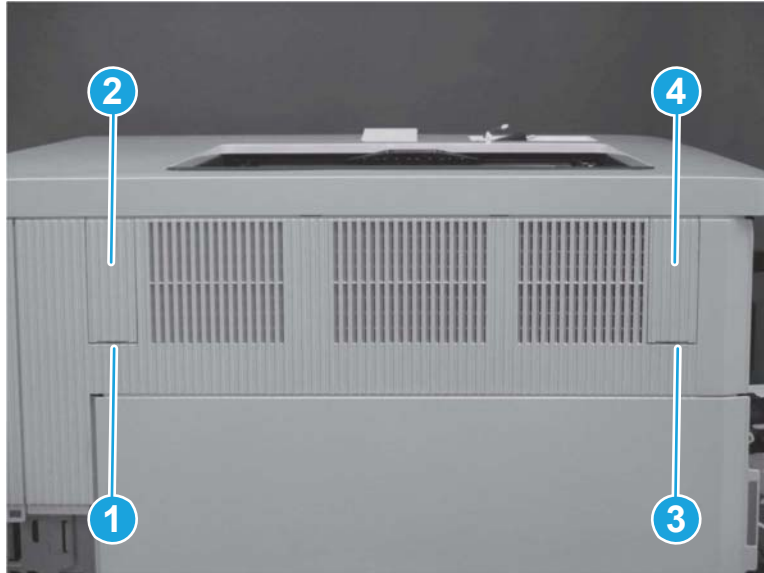


- d. Use a small, flat-blade screwdriver to release one tab (callout 1) and remove the left blanking cover (callout 2). Release one tab (callout 3) and remove the right blanking cover (callout 4).

 **Reinstallation tip:** These covers are not identical. Make sure to reinstall the correct cover on the correct side.

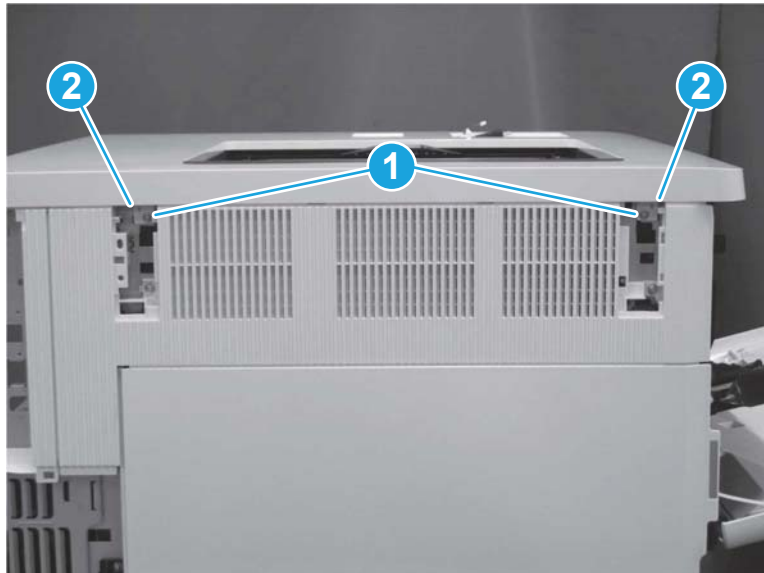
 **NOTE:** The screw under the left blanking cover is a self-tapping screw. Make sure this screw is reinstalled in the correct location.

**Figure 1-2704** Remove the left and right blanking covers




- e. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2705** Remove two screws and release two tabs



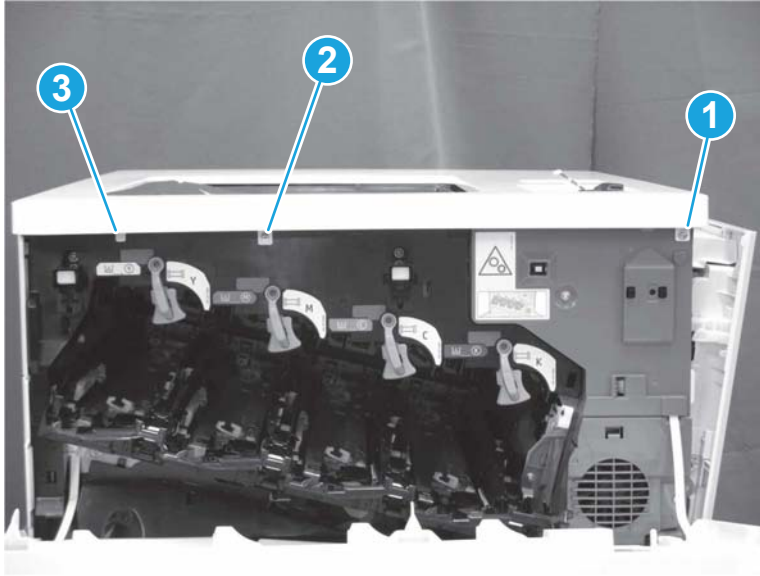
- f. At the front of the printer, remove one washer-head screw (callout 1) and one self-tapping screw (callout 2). Release one tab (callout 3).

---

 **Reinstallation tip:** Make sure to install the correct type of screw in the correct location.

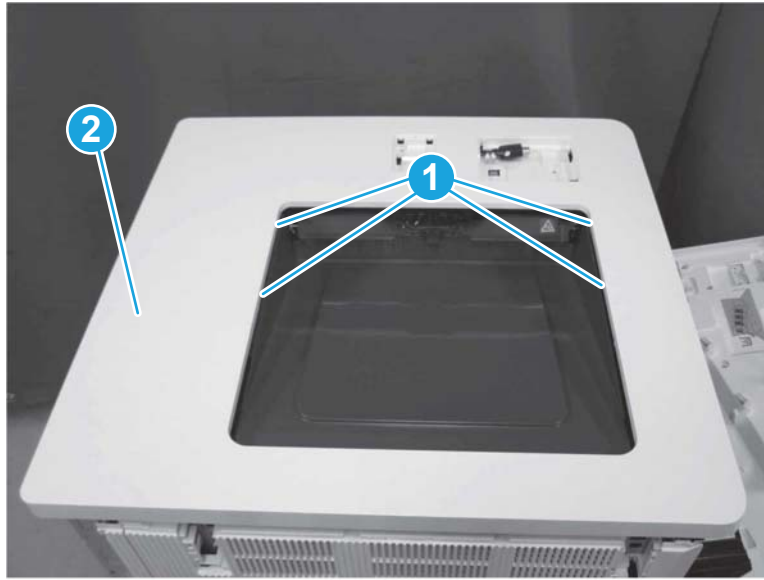
---

**Figure 1-2706** Remove two screws and release one tab

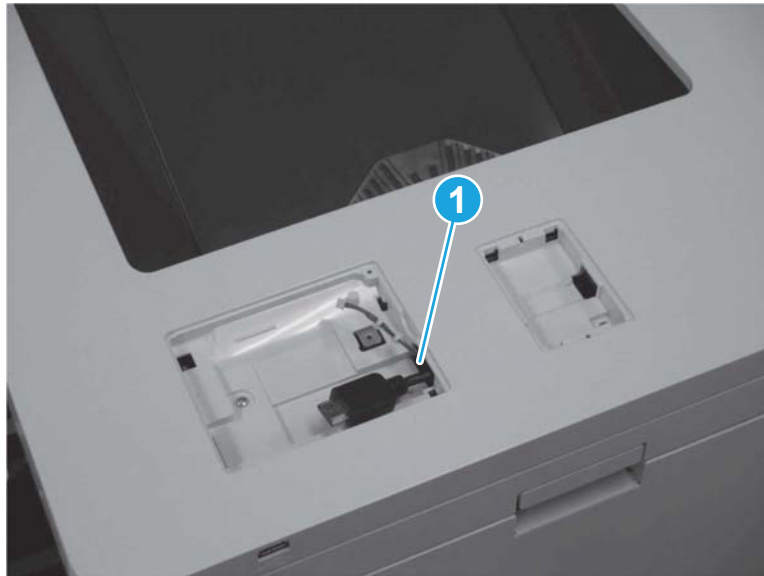


- g. At the top of the printer, release four tabs (callout 1), and then remove the top cover (callout 2).

Figure 1-2707 Remove the top cover



 **NOTE:** When removing the top cover, make sure to release the control panel cables (callout 1) through the opening.



13. Remove the output bin (M751/E75245).

- ▲ Remove two washer-head machine screws (callout 1), remove one self-tapping screw (callout 2), and then remove the output bin (callout 3).


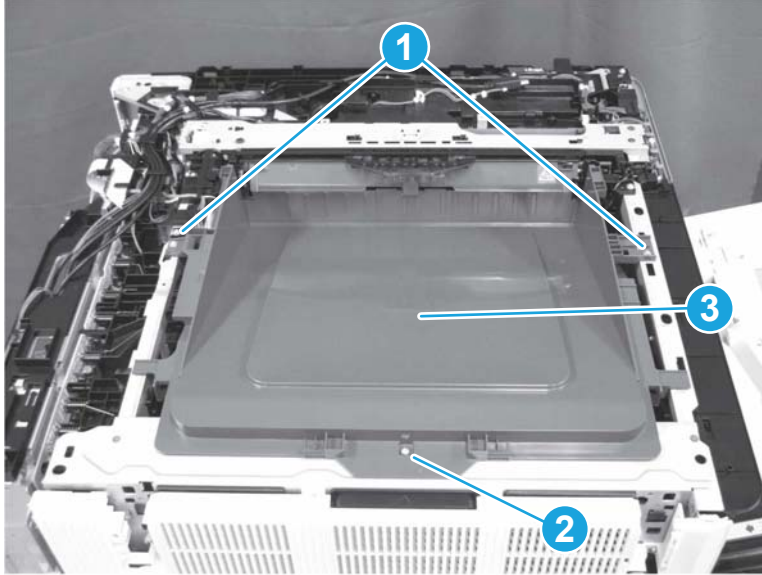
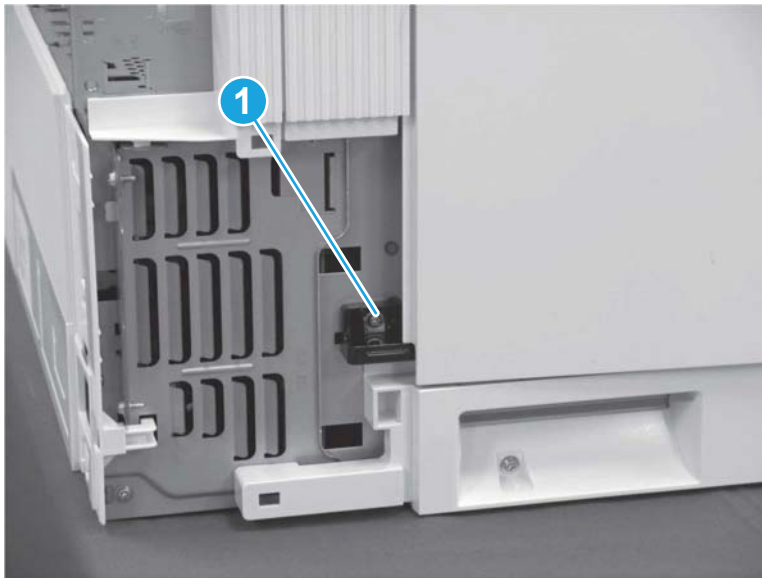
 **NOTE:** When reinstalling the output bin, make sure to install the correct type of screw in the correct location.

Figure 1-2708 Remove the output bin



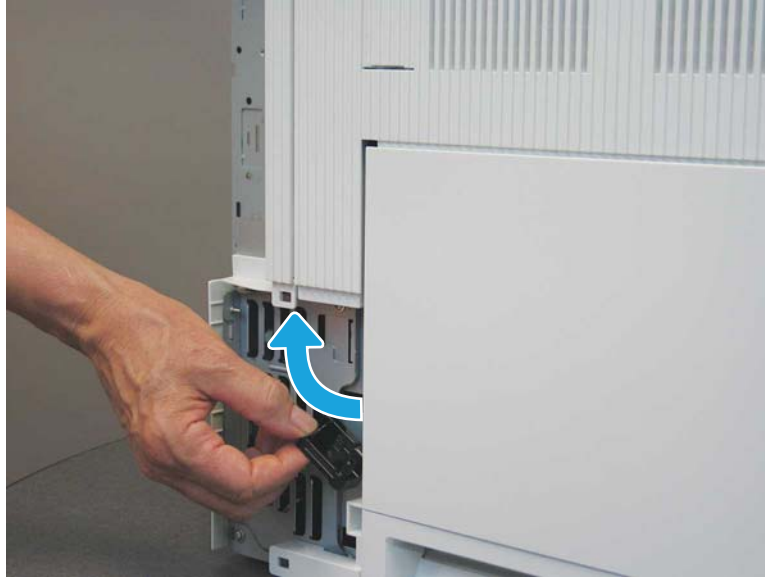
14. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-2709 Remove one screw



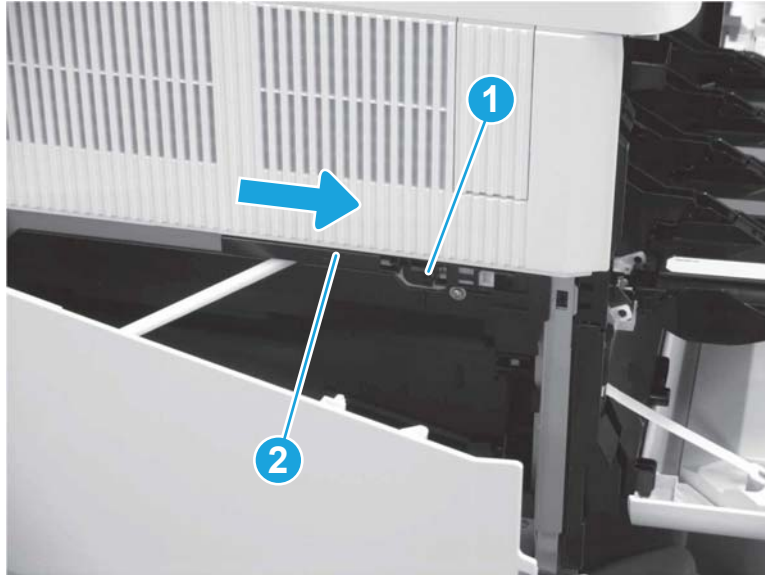
- b. Release the holder, and then remove it from the printer.

Figure 1-2710 Remove the holder



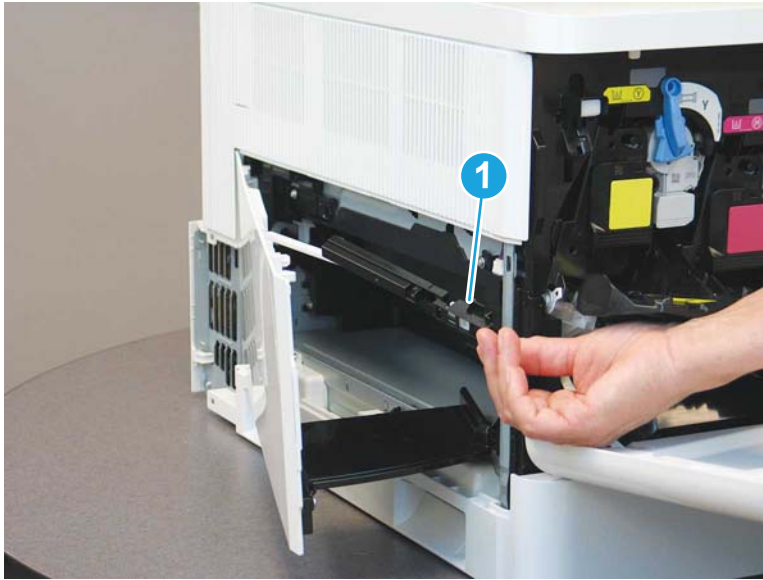
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-2711 Slide the holder



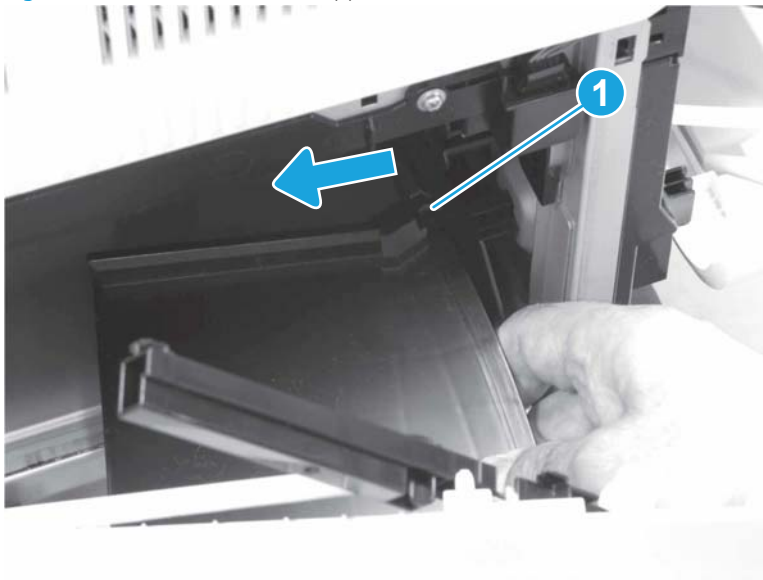
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-2712 Release the holder



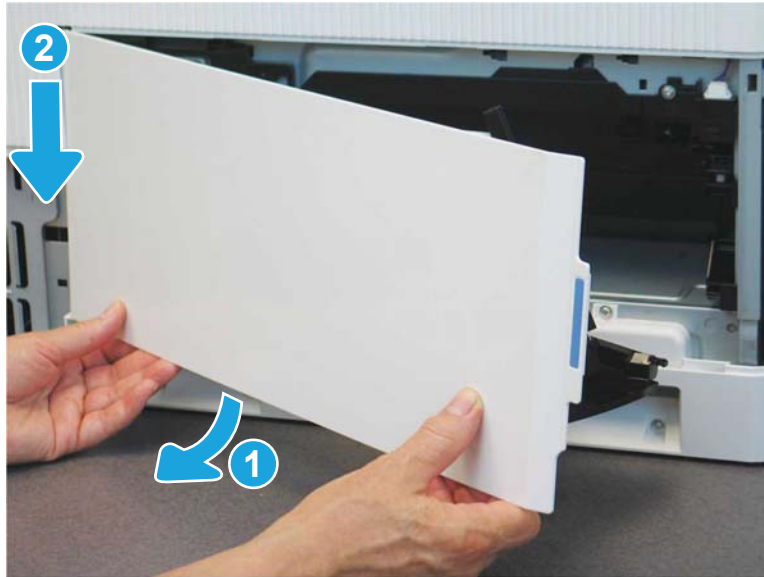
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-2713 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

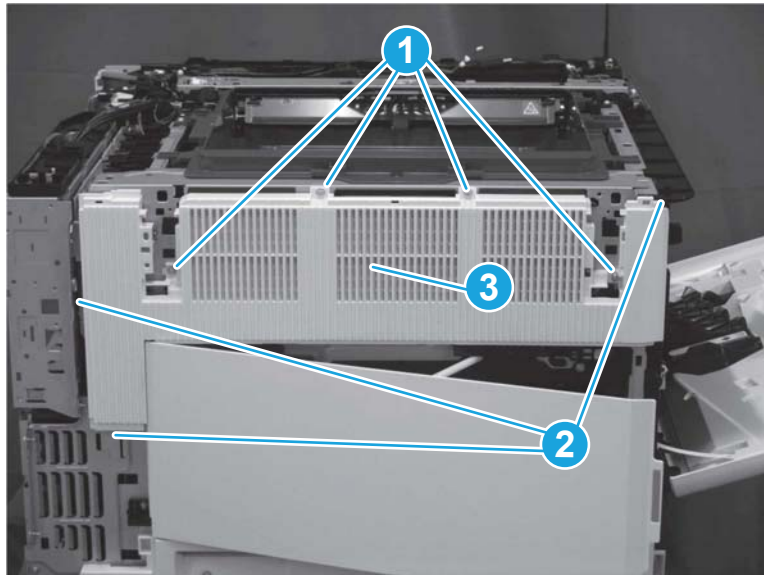
Figure 1-2714 Remove the left door



- 15. Remove the left upper cover (M751/E75245).

- ▲ Remove four screws (callout 1), release three tabs (callout 2), and then remove the left upper cover (callout 3).

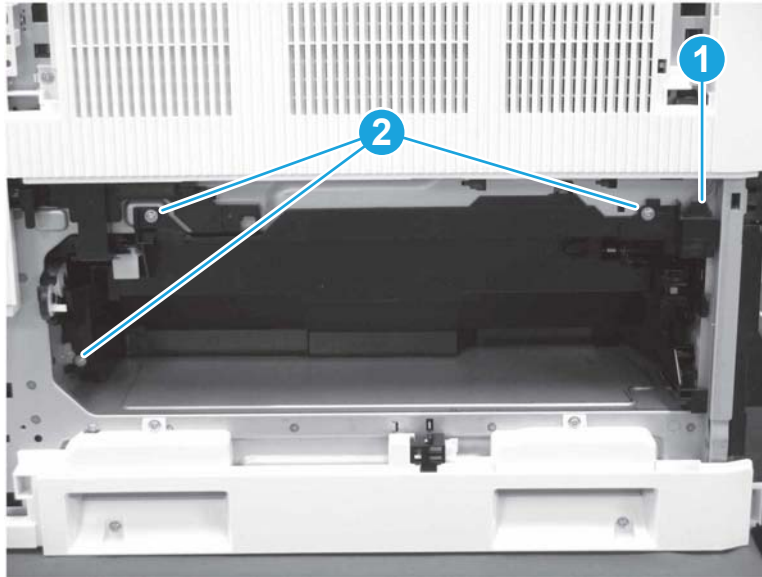
Figure 1-2715 Remove the left upper cover



- 16. Remove the scanner cover.

- a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

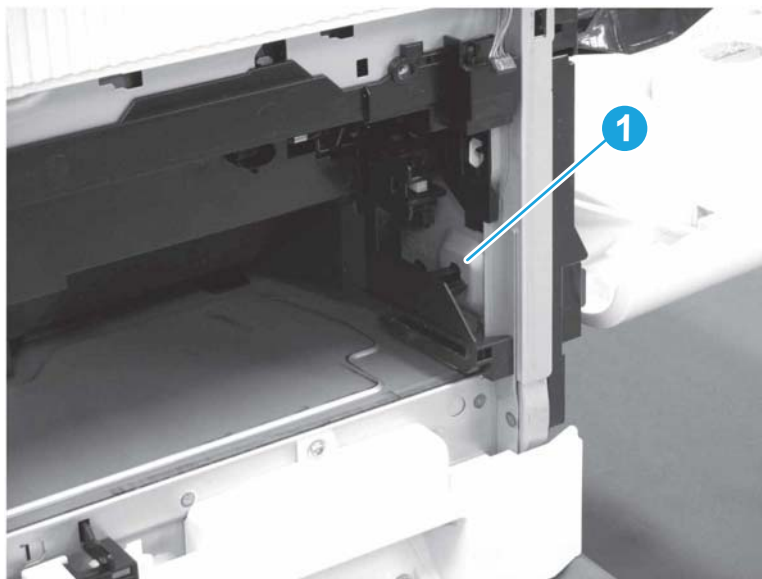
Figure 1-2716 Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.

- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

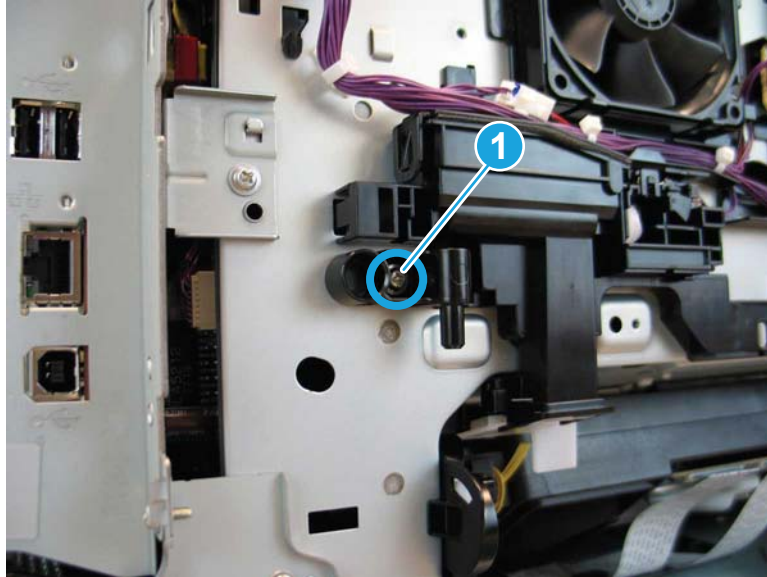
Figure 1-2717 Remove the scanner cover



- 17. Remove the secondary auger.
  - a. Remove one screw (callout 1).

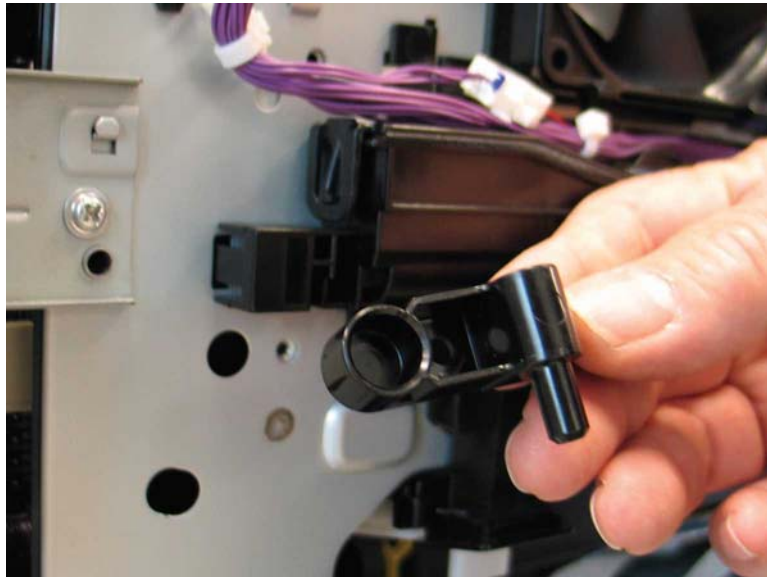


Figure 1-2718 Remove one screws



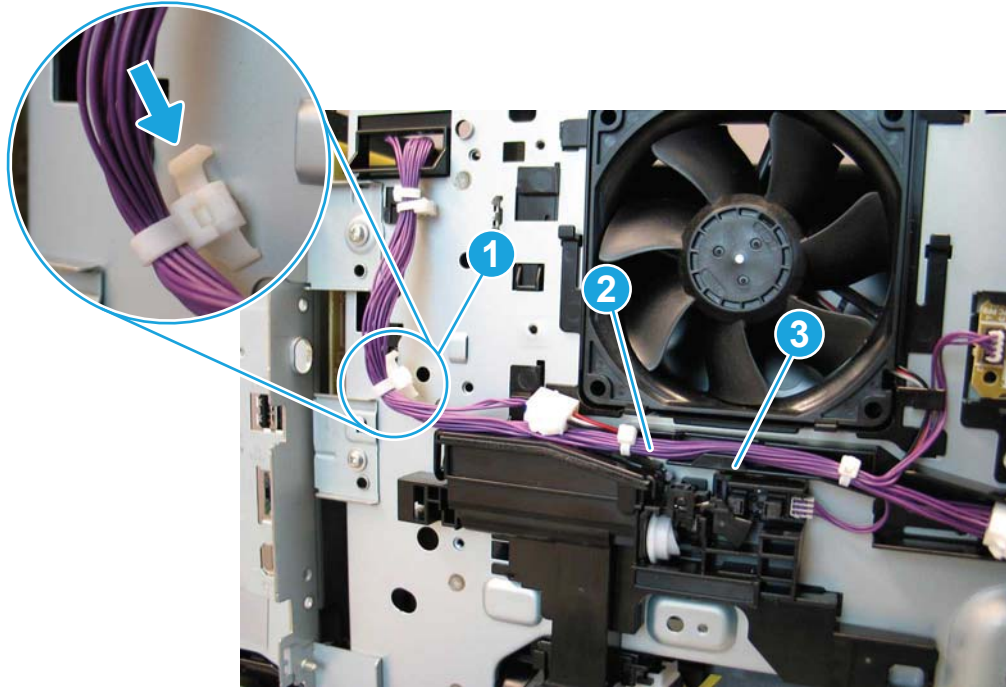
- b. Remove the left door upper hinge.

Figure 1-2719 Remove the left door upper hinge



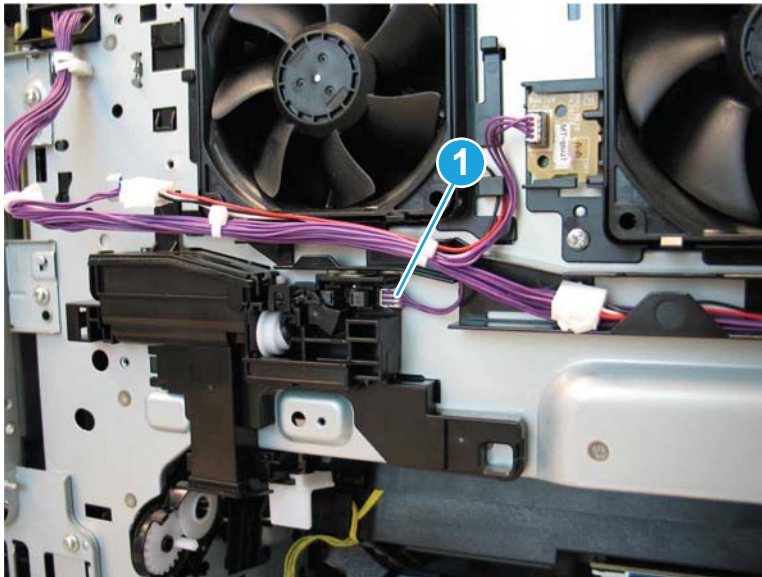
- c. Press the latch to release one retainer (callout 1) from the sheet metal. Remove the wire harness (callout 2) from the guides (callout 3).

Figure 1-2720 Release the wire harness from the guides



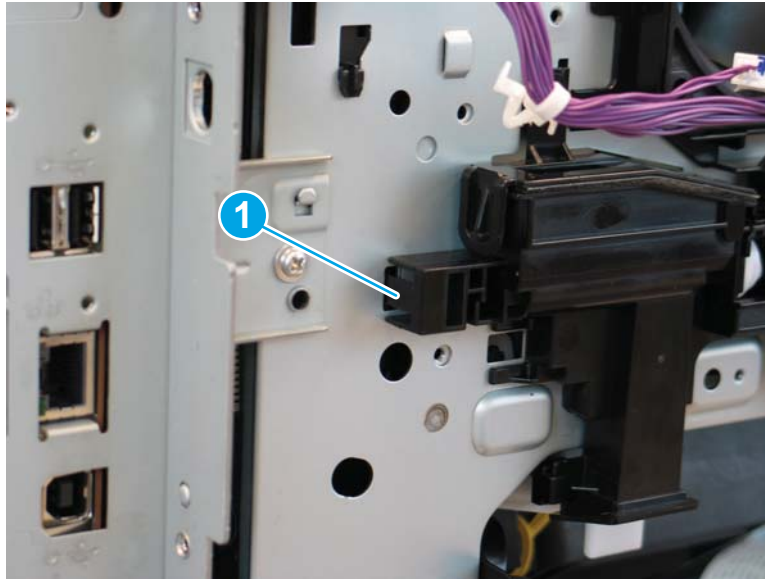
- d. Disconnect one connector (callout 1).

Figure 1-2721 Disconnect one connector



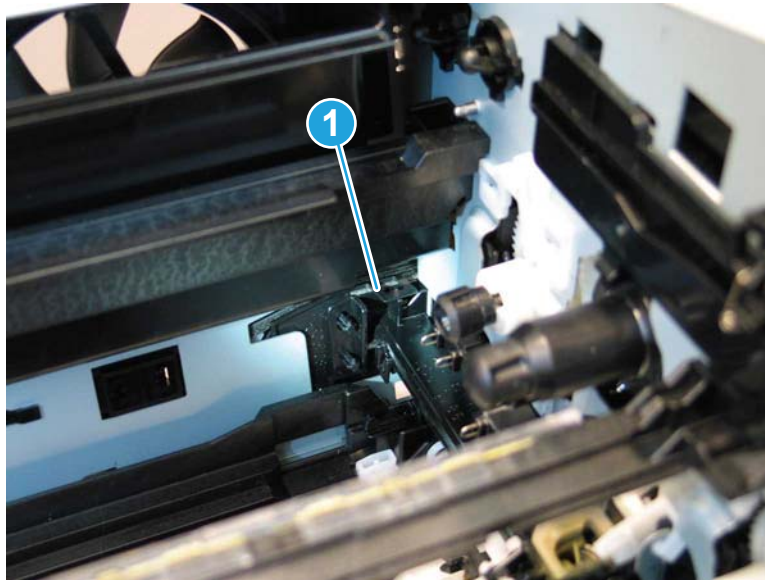
- e. Release one tab (callout 1).

Figure 1-2722 Release one tab



- f. Inside the printer, release one tab that connects to the primary auger (callout 1).

Figure 1-2723 Release one tab




- g. Remove the secondary auger assembly.

Figure 1-2724 Remove the secondary auger assembly

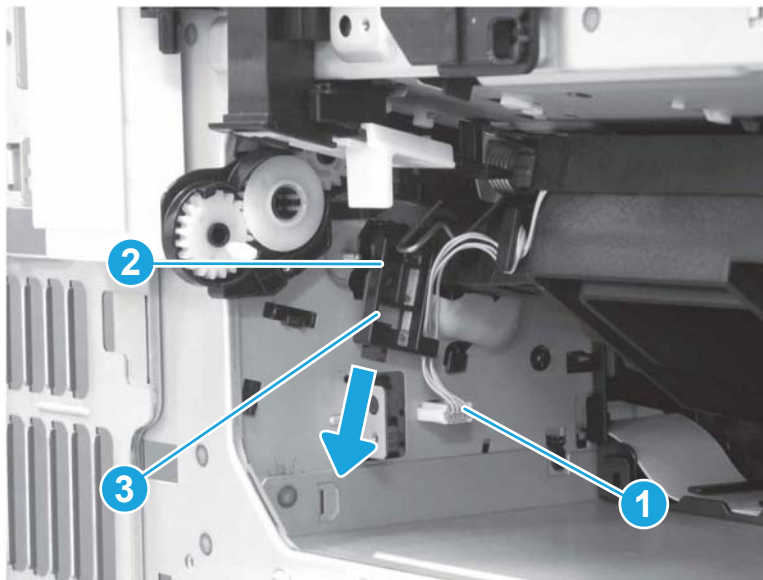


- 18. Remove the laser scanner.

 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

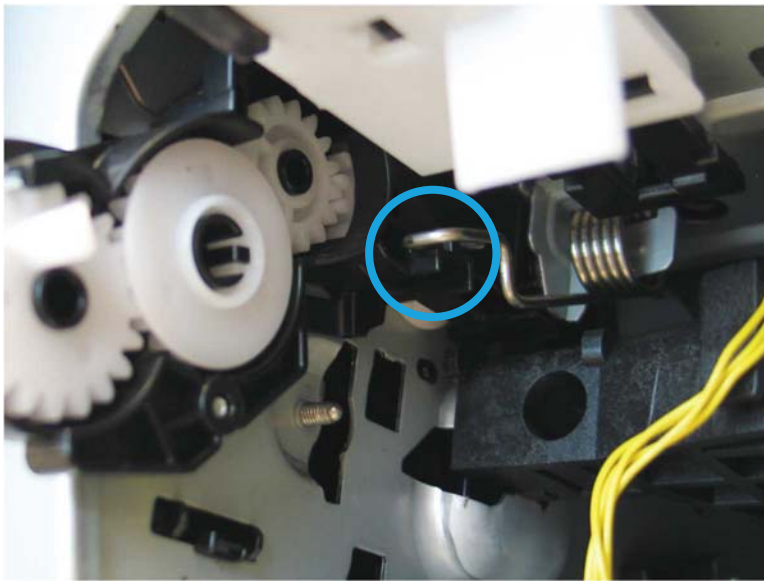
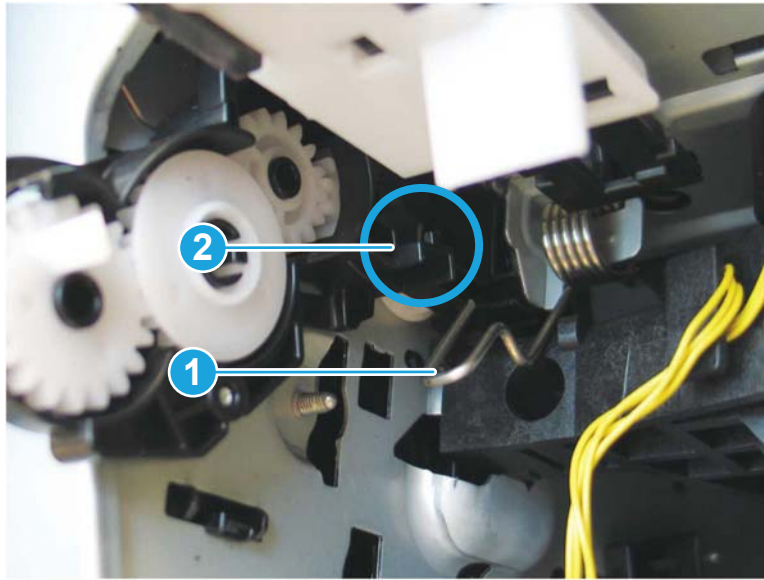
- a. Disconnect one connector (callout 1), release one tab (callout 2), and then slide the stopper (callout 3) down to remove it.


Figure 1-2725 Remove the stopper

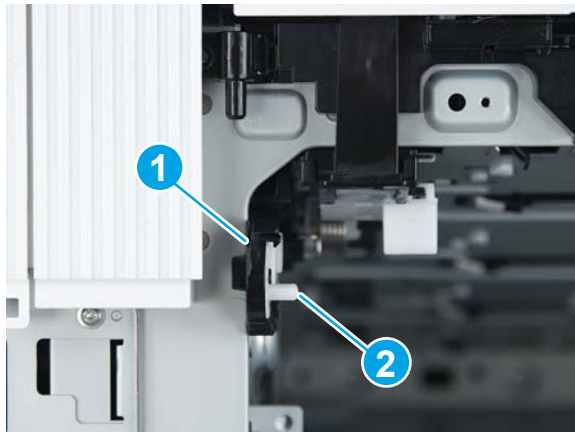


- b. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-2726 Hook the spring

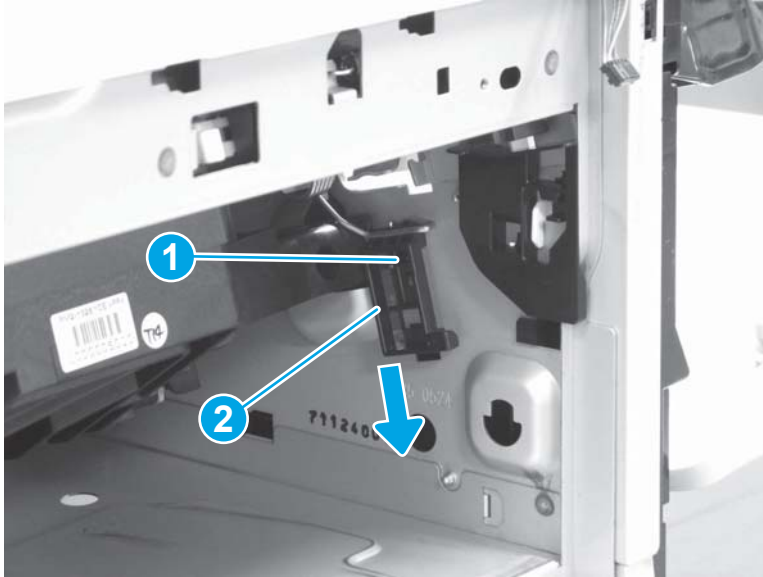


 **Reinstallation tip:** When the laser scanner is installed, make sure that the gear case is flat against the printer chassis (callout 1). The pin on the gear (callout 2) might need to be rotated out of the way when the assembly is installed.



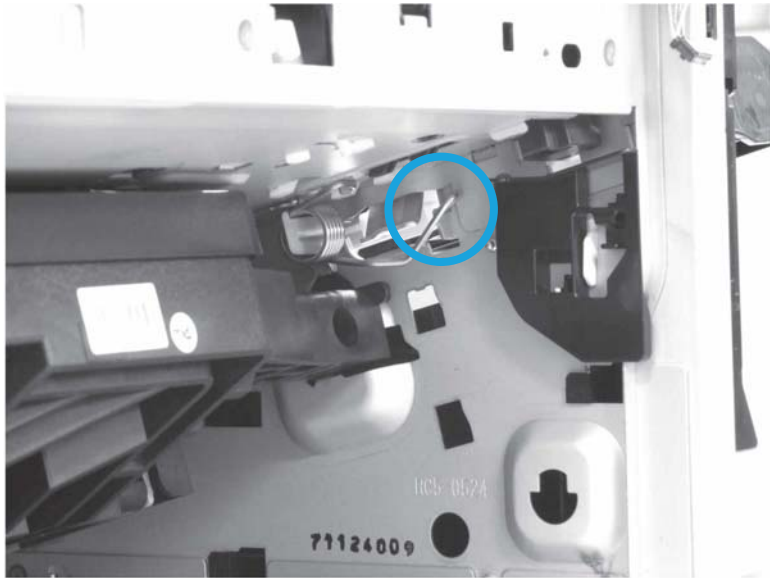
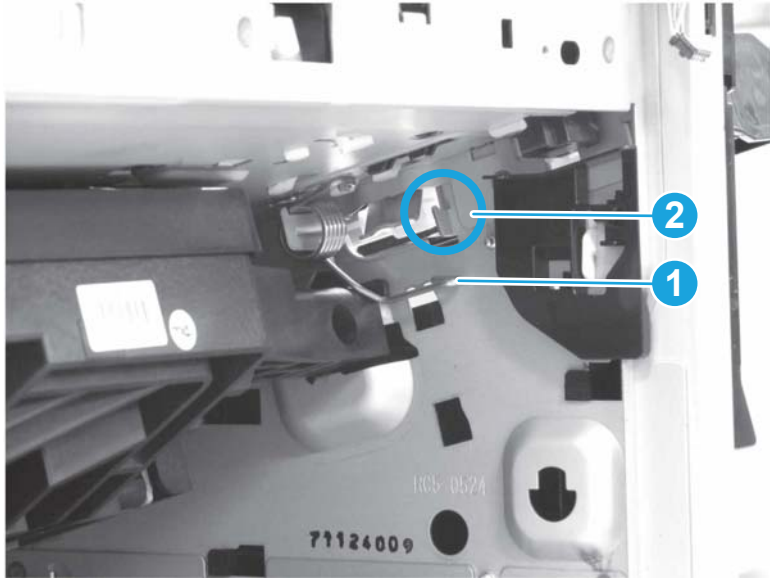
- c. On the right side of the laser scanner, release one tab (callout 1), and then slide the stopper (callout 2) down to remove it.

Figure 1-2727 Remove the stopper



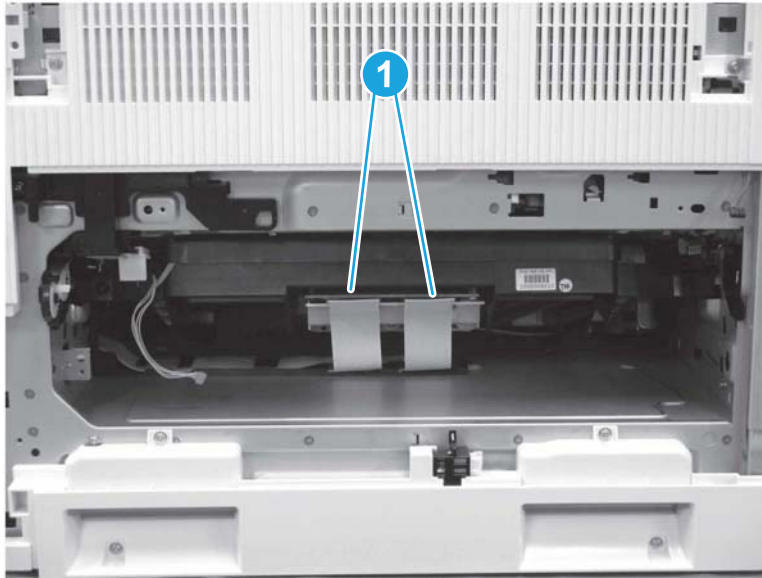
- d. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-2728 Hook the spring



- e. Disconnect two flat cables (callout 1).

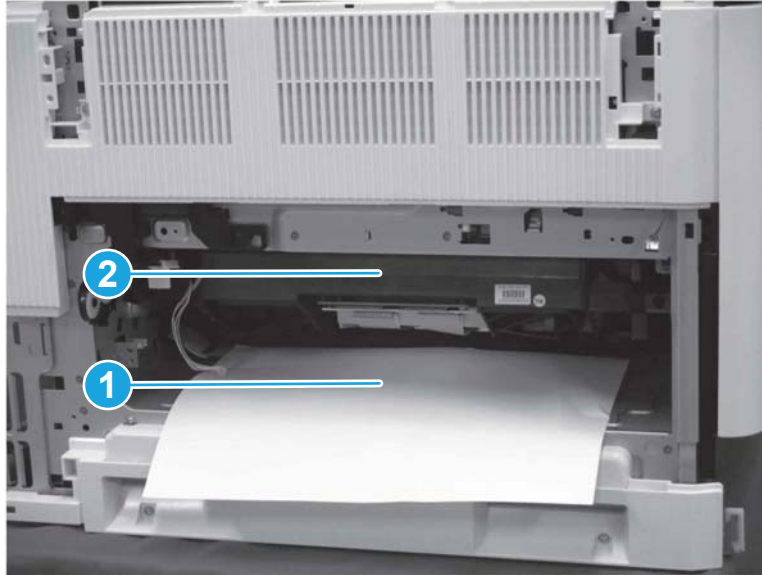
Figure 1-2729 Disconnect two flat cables







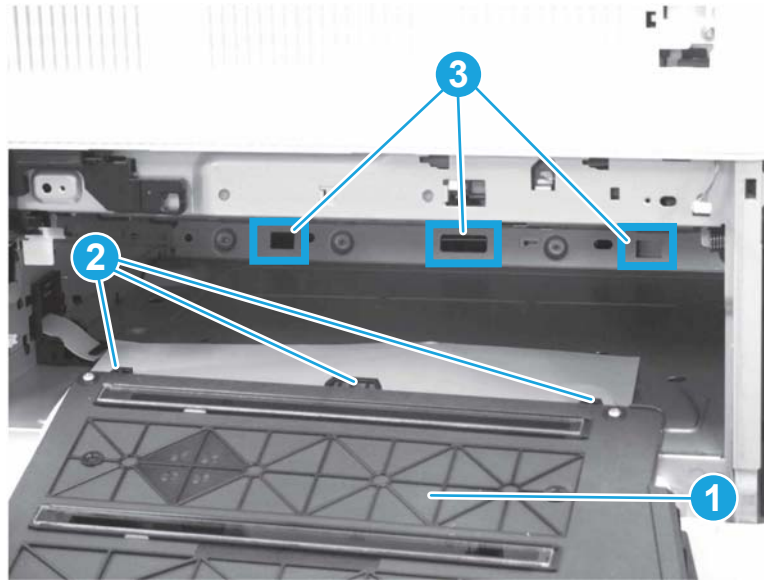
- f. Lay a sheet of paper on top of the flat cables (callout 1) to protect them. Pull the laser scanner (callout 2) out of the printer to remove it.

Figure 1-2730 Remove the laser scanner



 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

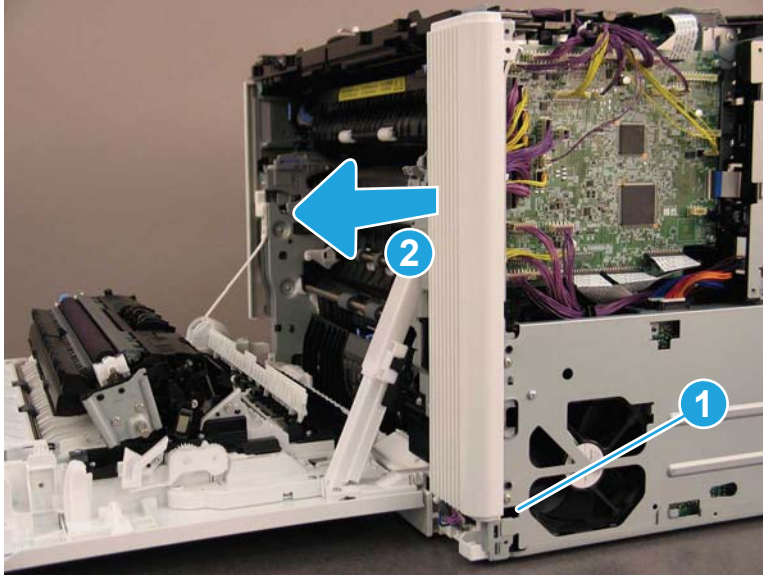
 **Reinstallation tip:** When installing the laser scanner (callout 1), position the pins (callout 2) on the laser scanner into the openings (callout 3) inside the printer.



19. Remove the right rear cover (M751/E75245).

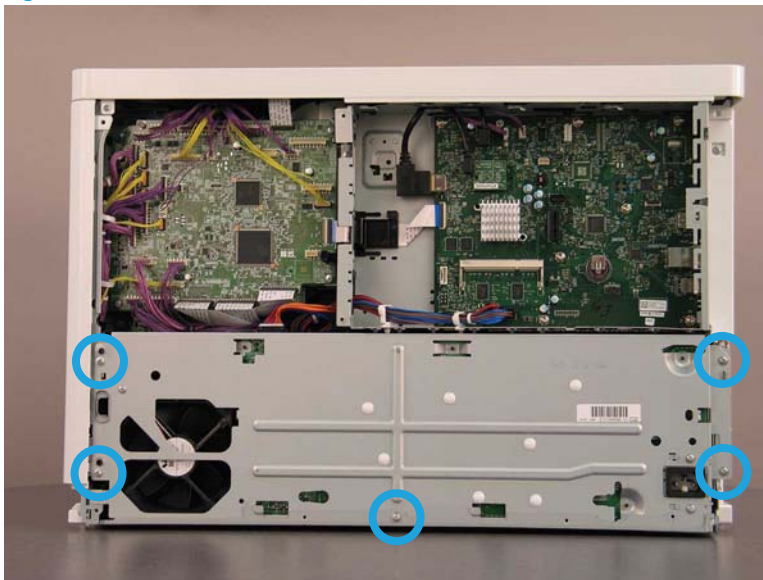
- ▲ Release one tab (callout 1), and then slide the right rear cover (callout 2) away from the printer to remove it.

Figure 1-2731 Remove the right rear cover



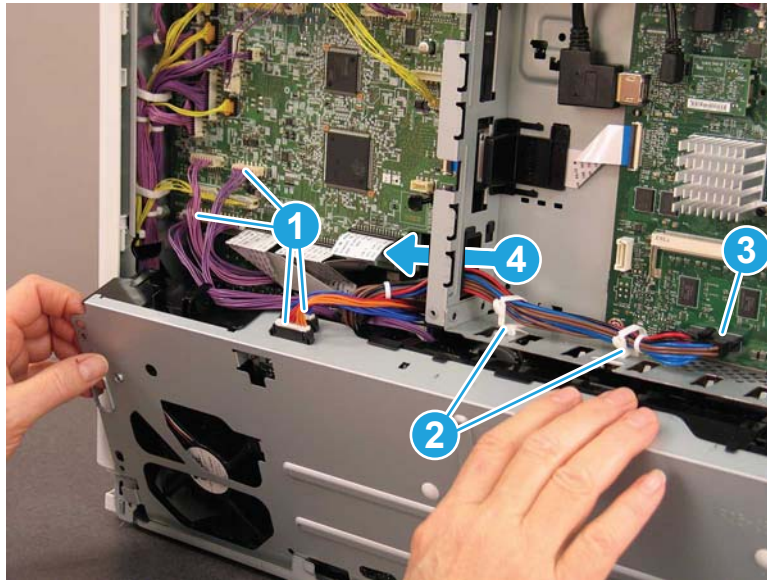
20. Remove the low-voltage power supply (LVPS).
  - a. Remove five screws.

Figure 1-2732 Remove five screws



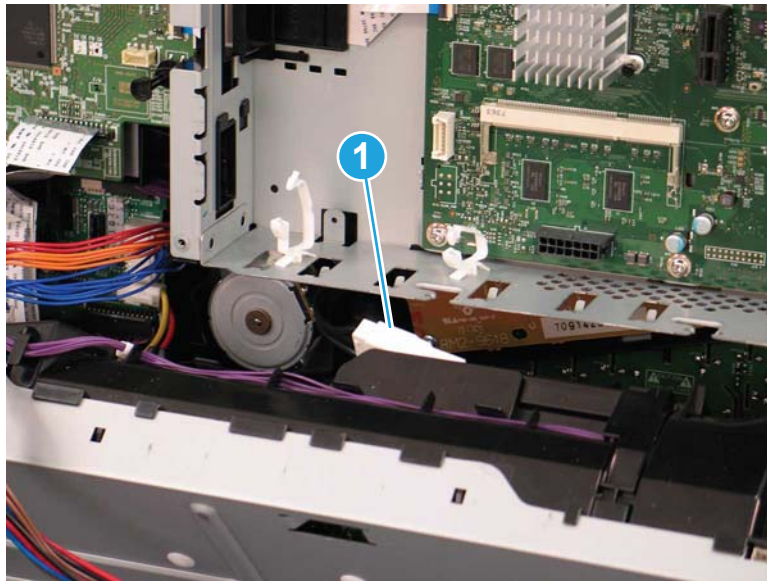
- b. Lift up on the LVPS, and then slightly rotate the top away from the printer. Disconnect four connectors (callout 1), and then release two retainers (callout 2). Press down on the latch to disconnect one connector (callout 3), and then release the wires through the hole (callout 4) in the formatter case.

Figure 1-2733 Disconnect five connectors



- c. Press down on the latch to disconnect one connector (callout 1), and then lift up to remove the LVPS.

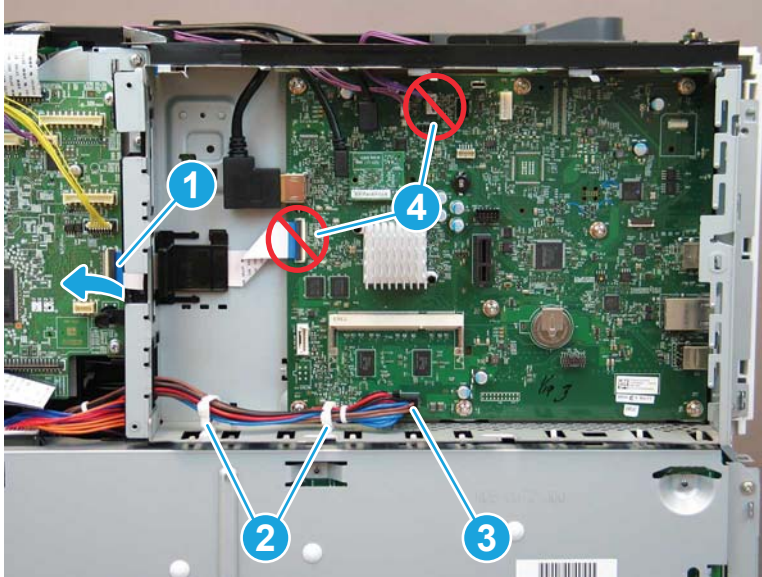
Figure 1-2734 Remove the LVPS



21. Remove the formatter and case.

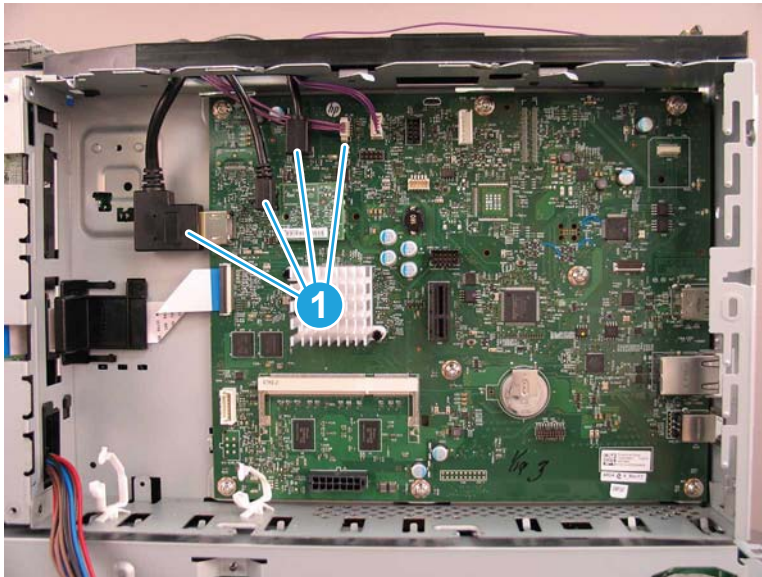
- a. Open the retainer (callout 1) to release the flat cable. Release the cables from two retainers (callout 2). Squeeze the latch to disconnect the connector (callout 3) at the lower edge of the formatter. It is not necessary to disconnect two connectors (callout 4).

Figure 1-2735 Disconnect the connectors



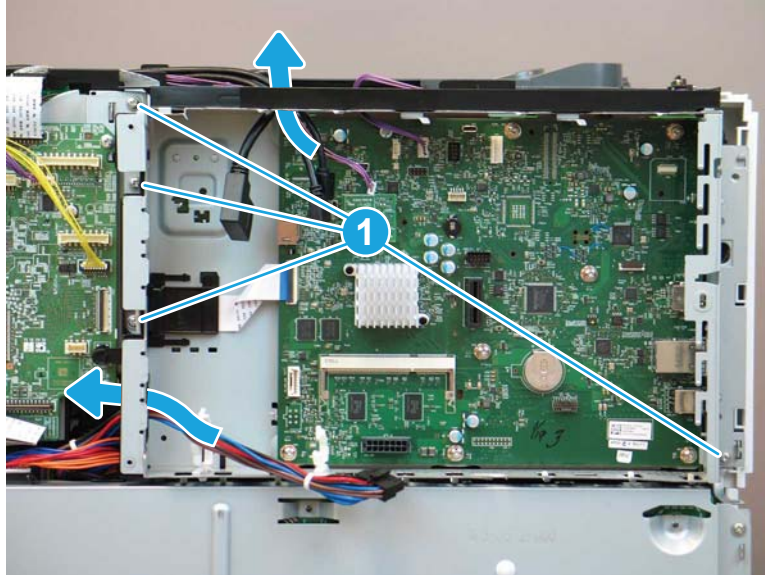
- b. Disconnect all of the remaining connectors on the formatter (callout 1).

Figure 1-2736 Disconnect the connectors



- c. Release the cables through the opening on top and on the left side of the formatter case. Remove four screws (callout 1), and then remove the formatter and case.

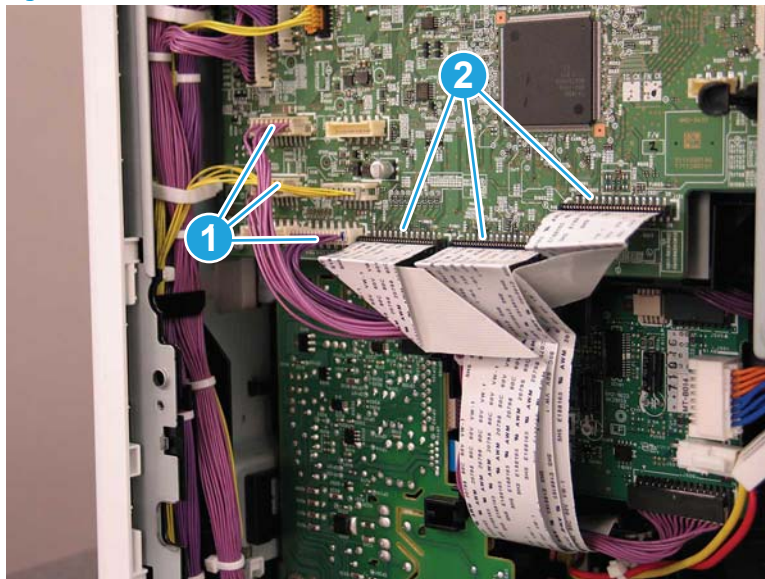
**Figure 1-2737** Remove the formatter and case



- 22. Remove the T2 connecting PCA.

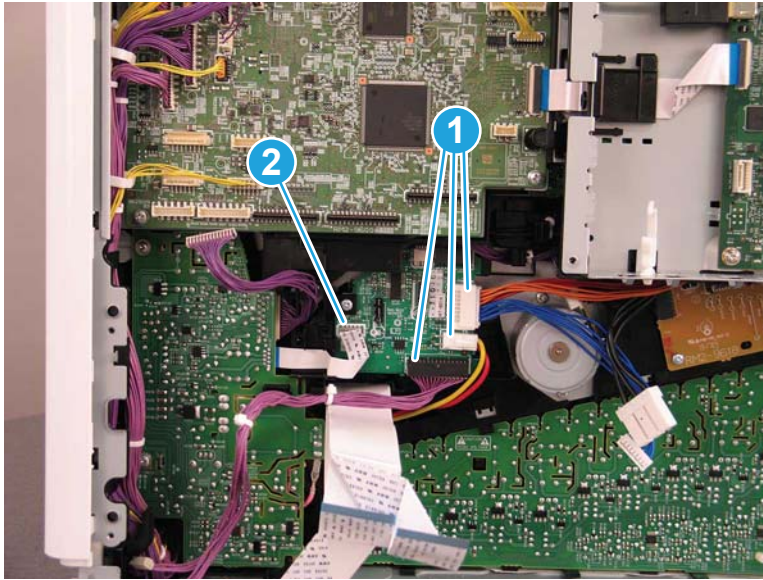
- a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

**Figure 1-2738** Disconnect six connectors



- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-2739 Disconnect three connectors and one flat cable



- c. Remove one screw (callout 1).

Figure 1-2740 Remove one screw



- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

Figure 1-2741 Remove the cable guide



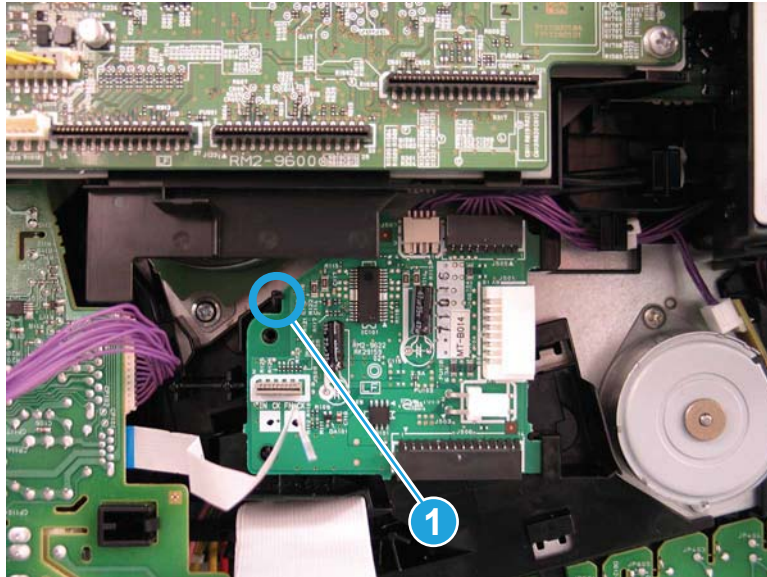
- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

---

**⚠ CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

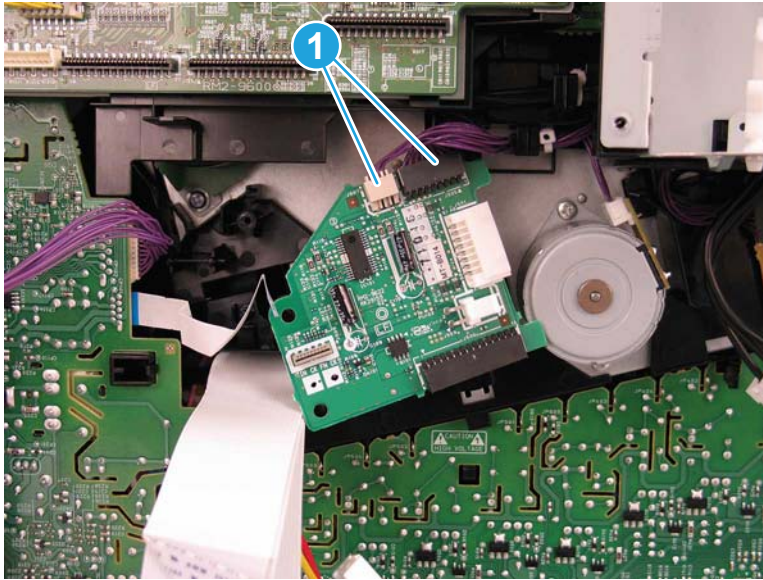
---

Figure 1-2742 Release one tab



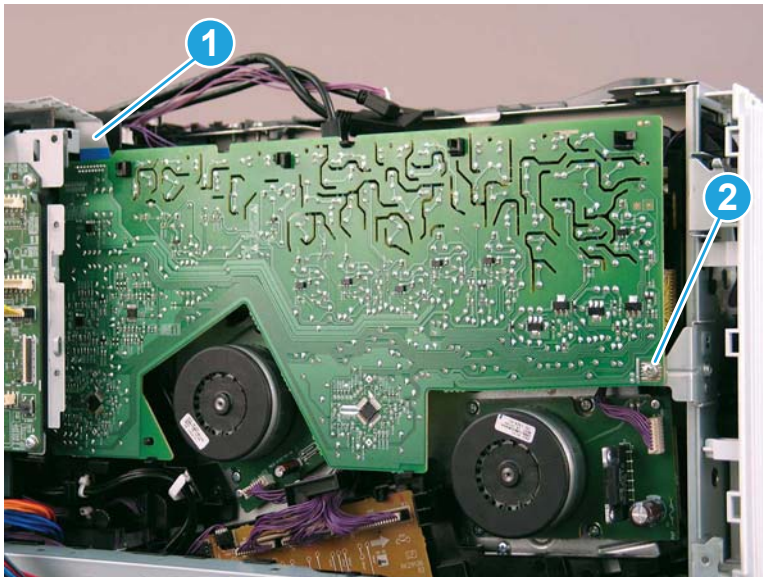
- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

Figure 1-2743 Disconnect two connectors and remove the PCA



- 23. Remove the upper high-voltage power supply A (upper HVPS).
  - a. Disconnect one flat cable (callout 1), and then remove one screw (callout 2).

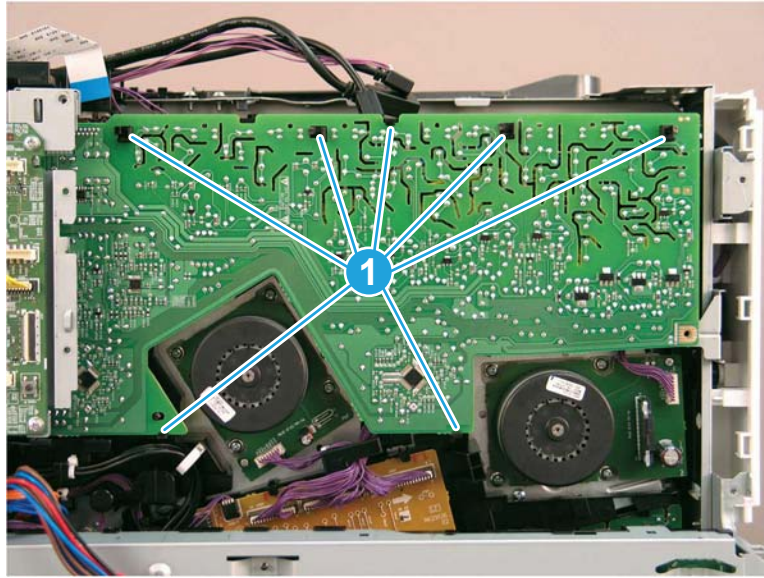
Figure 1-2744 Disconnect one flat cable and remove one screw





- b. Release seven tabs (callout 1), and then remove the upper HVPS.

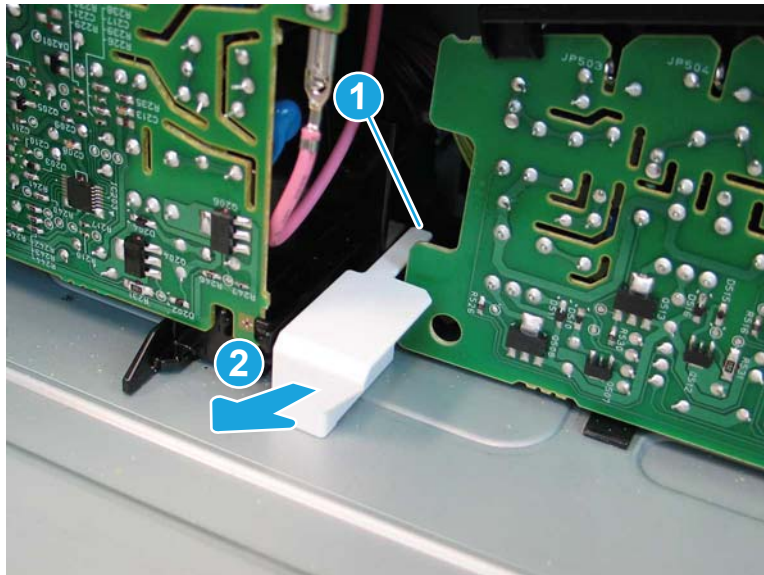
Figure 1-2745 Release seven tabs and remove the upper HVPS



- 24. Remove the lower high-voltage power supply (lower HVPS).

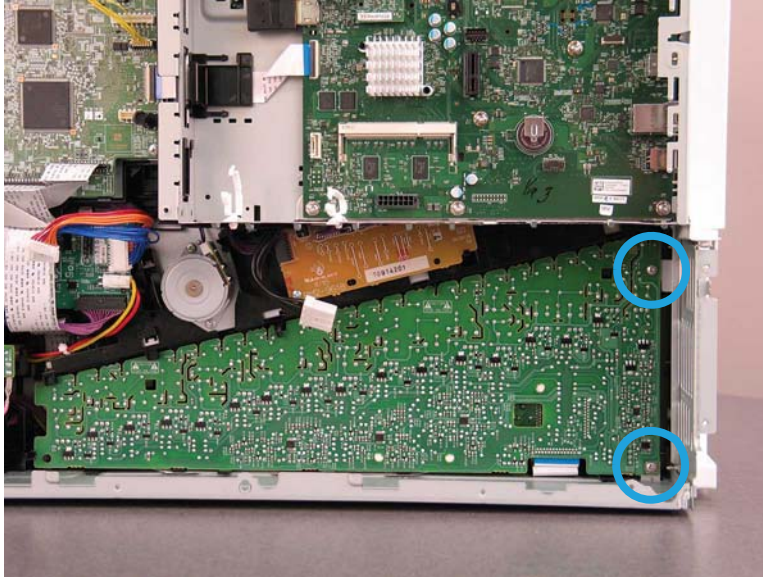
- a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-2746 Remove the stopper



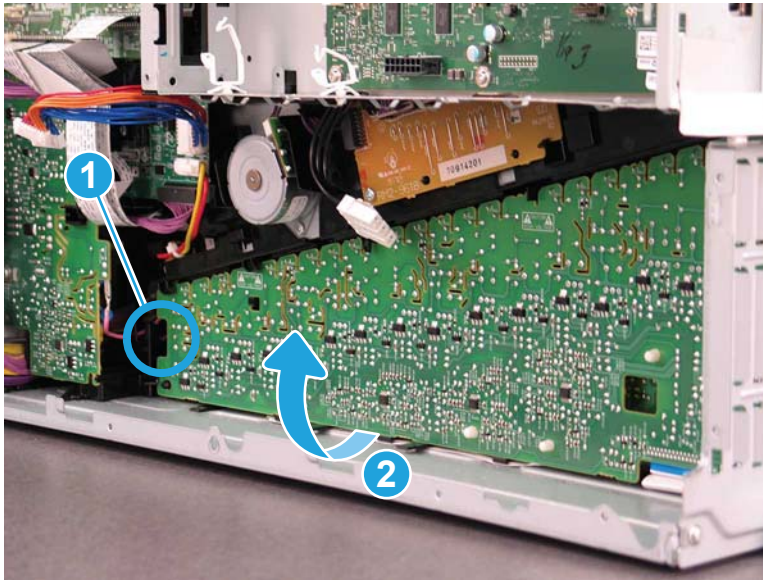
- b. Remove two screws (callout 1).

Figure 1-2747 Remove two screws



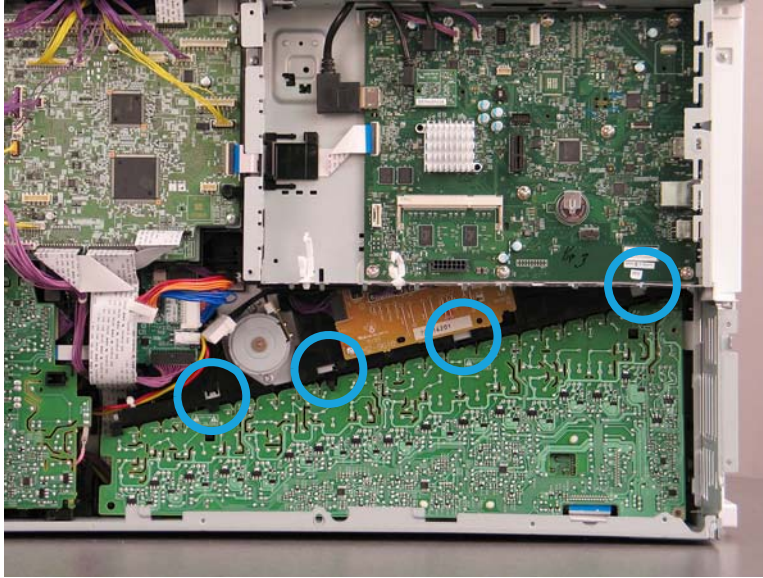
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-2748 Release the lower edge of the lower HVPS



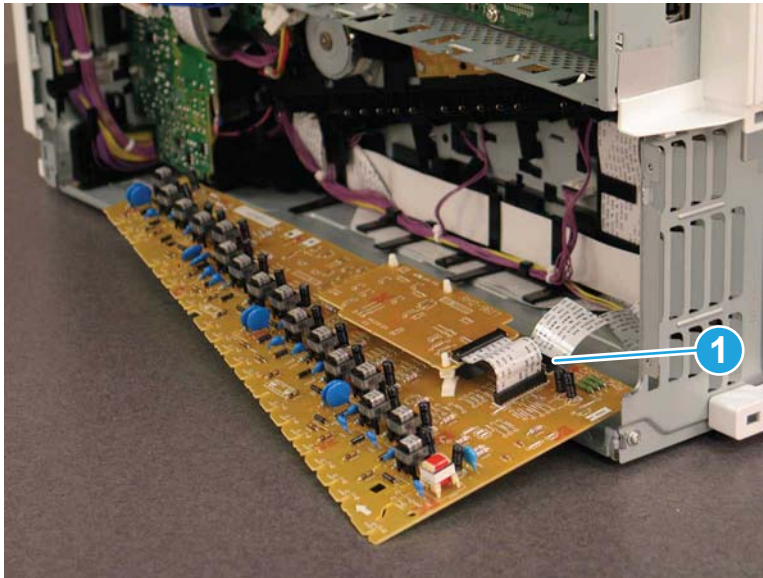
- d. Release the lower HVPS from four tabs.

Figure 1-2749 Release four tabs



- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

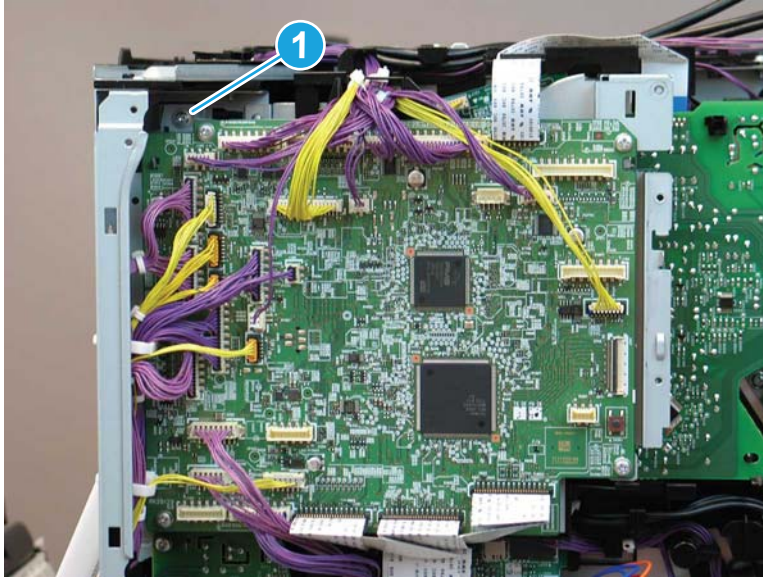
Figure 1-2750 Disconnect one flat cable



- 25. Remove the DC controller and case.

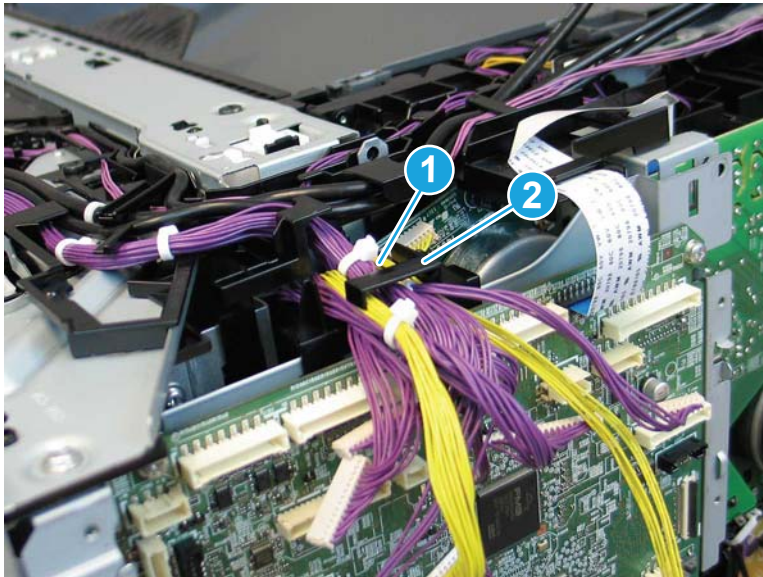
- a. Disconnect all of the connectors on the DC controller, and then remove one screw (callout 1).

Figure 1-2751 Disconnect connectors and remove one screw



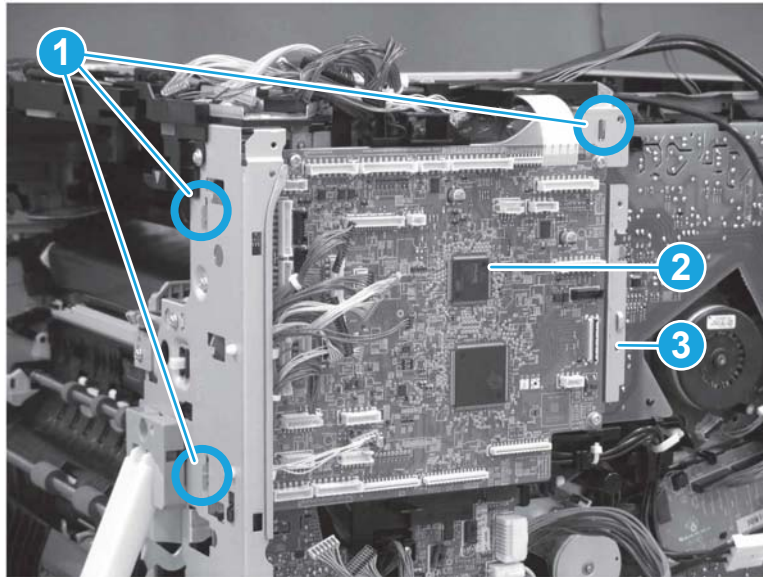
- b. Release the wire harnesses (callout 1) from the retainer (callout 2).

Figure 1-2752 Remove the wire harnesses from the retainer




- c. Lift up to release three tabs (callout 1), and then remove the DC controller (callout 2) together with the case (callout 3).

**Figure 1-2753** Remove the DC controller and case



- 26. Remove the main drive assembly.

- a. Open the front door.

 **IMPORTANT:** The front door must remain open during removal and installation of the main drive assembly to prevent issues.

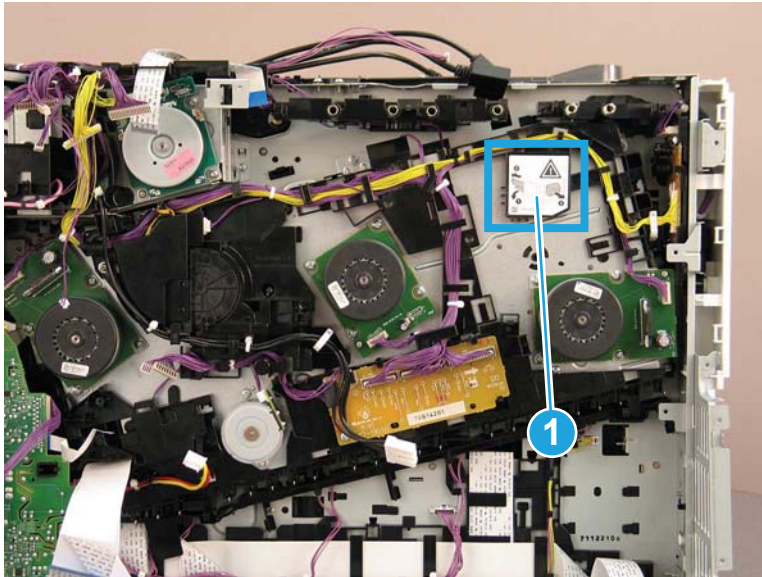
To prevent the front door from closing on its own, install one of the toner cartridges halfway.

**Figure 1-2754** Open the front door



- b. Note the label (callout 1) on the main drive assembly indicating that the front door must be open and all toner cartridges and imaging drums removed before removing the main drive assembly.

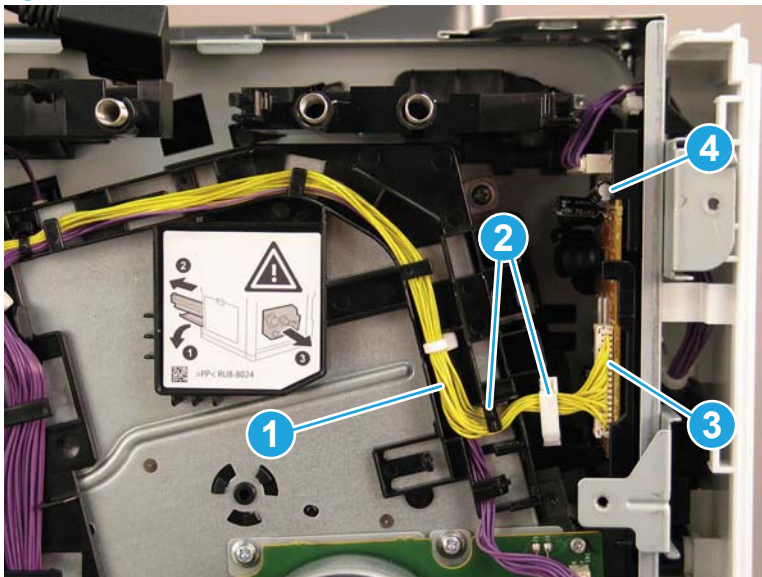
Figure 1-2755 Main drive assembly label



- c. Release the cable (callout 1) from the cable guide (callout 2), and then disconnect one connector (callout 3).

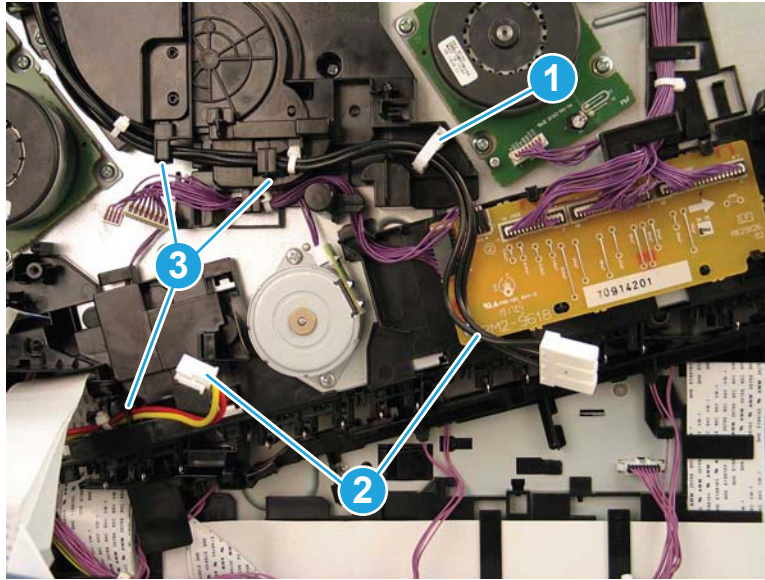
**CAUTION:** The capacitor on the PCA (callout 4) can rotate out and prevent the main drive assembly from reseating.

Figure 1-2756 Disconnect one connector



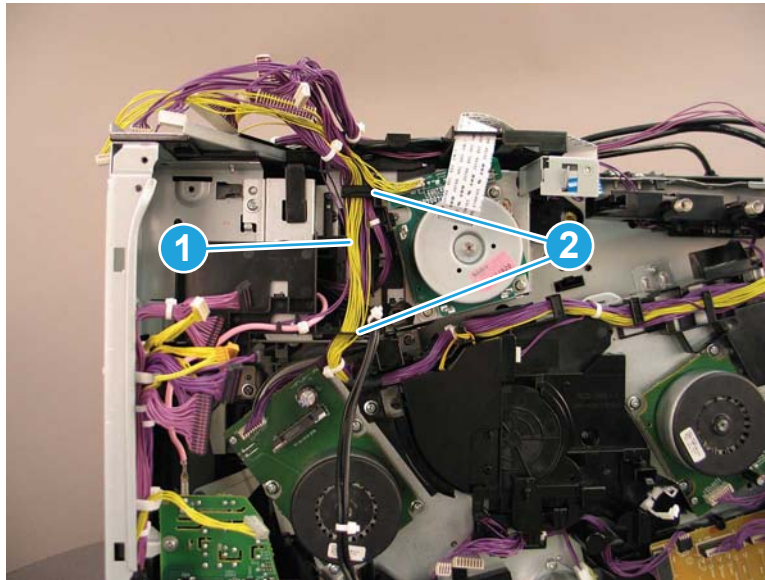
- d. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-2757 Release the cables from the guides



- e. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-2758 Release the cables from the guides

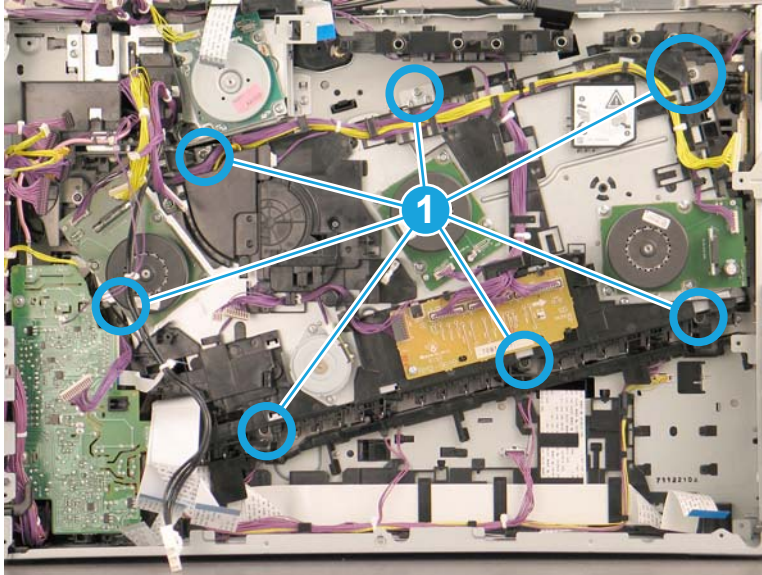


- f. Remove seven screws (callout 1), and then remove the main drive assembly.

 **NOTE:** When reinstalling the main drive assembly, make sure that the front door is open.

Partially reinstall one toner cartridge to prevent the front door from closing.

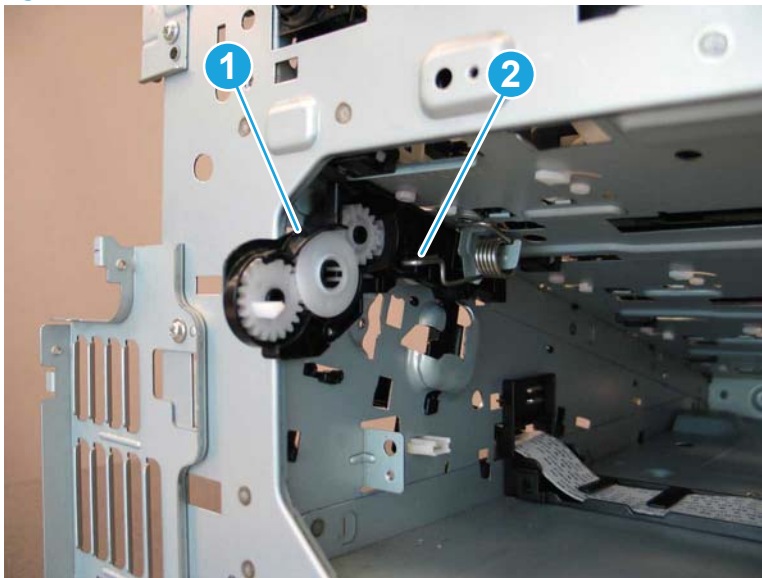
**Figure 1-2759** Remove seven screws and the main drive assembly



- 27. Remove the waste toner gear base assembly.

- a. Locate the waste toner gear base assembly (callout 1), and then release the laser scanner spring (callout 2).

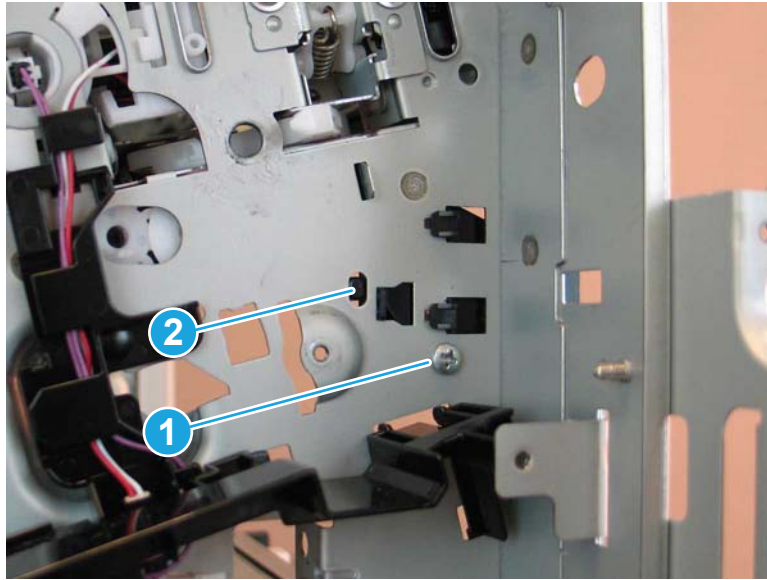
**Figure 1-2760** Release the laser scanner spring





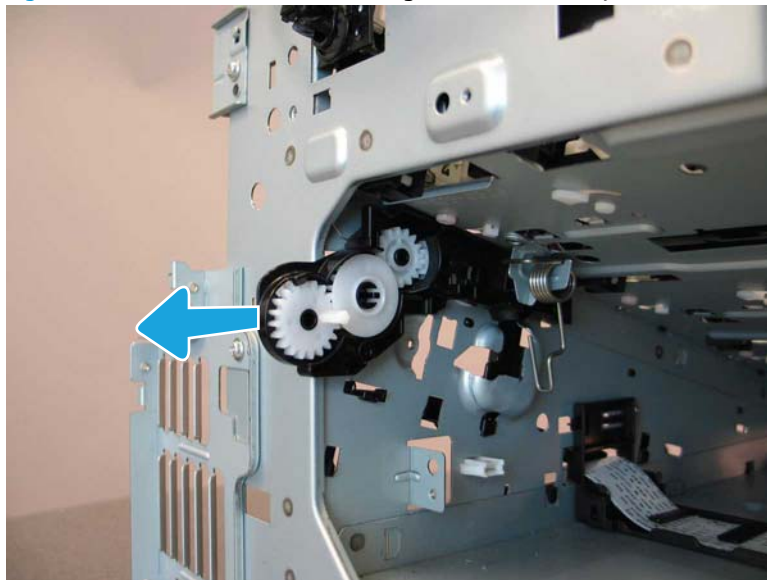
- b. At the back of the printer, remove one screw (callout 1), and then release one tab (callout 2).

**Figure 1-2761** Remove one screw and release one tab



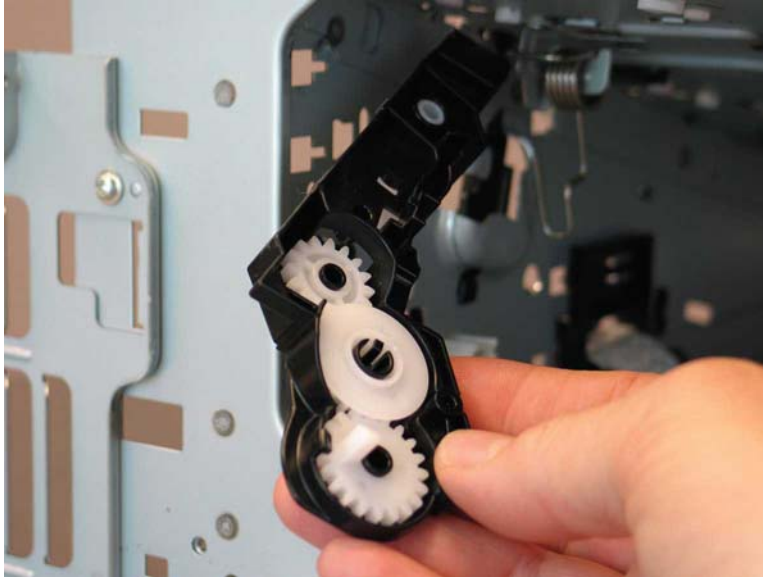
- c. Slide the waste toner gear base assembly away from the printer.

**Figure 1-2762** Slide the waste toner gear base assembly



- d. Remove the waste toner gear base assembly.

**Figure 1-2763** Remove the waste toner gear base assembly



28. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

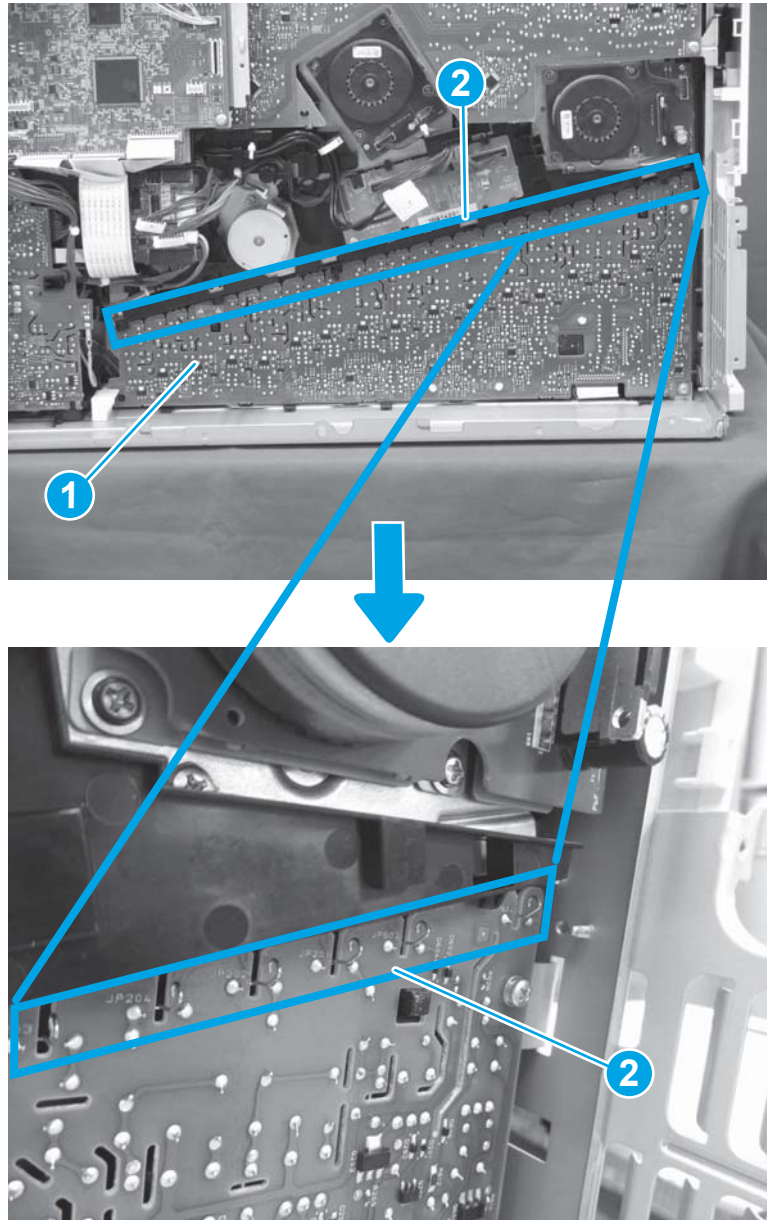
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

29. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the lower HVPS.

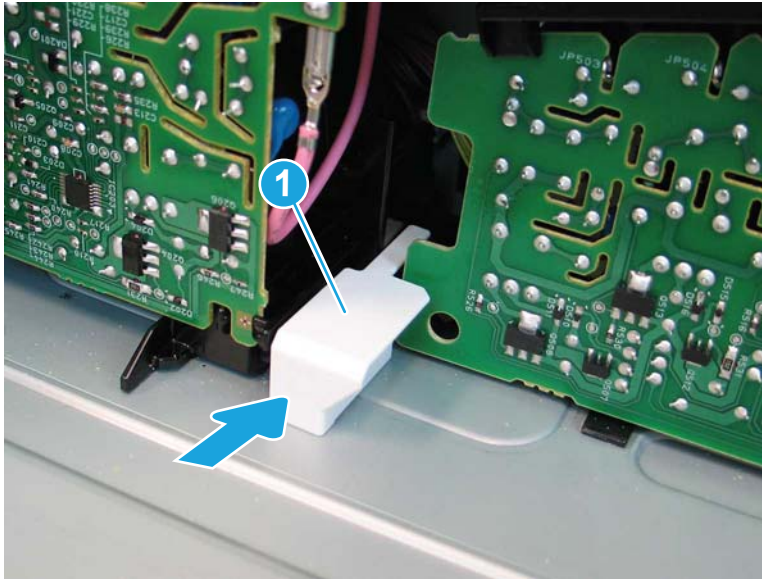
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-2764 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

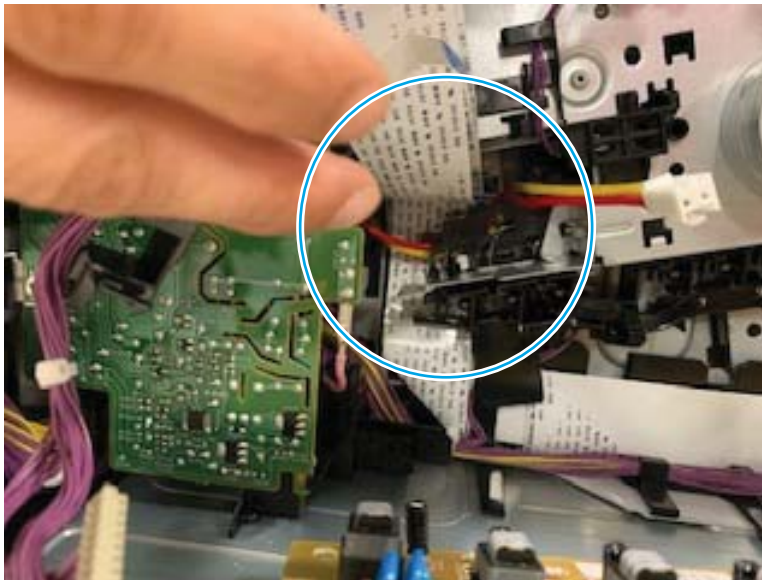
Figure 1-2765 Install the stopper



Install the main drive assembly.

1. Route the red and yellow cables back into the main drive assembly guides prior to re-installation. This will prevent the cables from being pinched behind the main drive assembly.

Figure 1-2766 Main drive wire harness



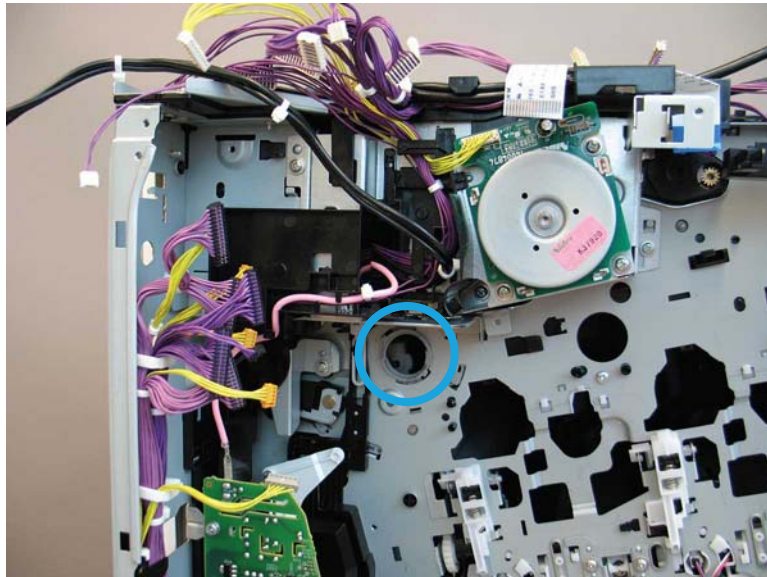
2. If the coupling estrangement cam falls off of the printer or is broken or lost in the process of removing the main drive assembly, follow these steps to reinstall it.

**Figure 1-2767** Coupling estrangement cam



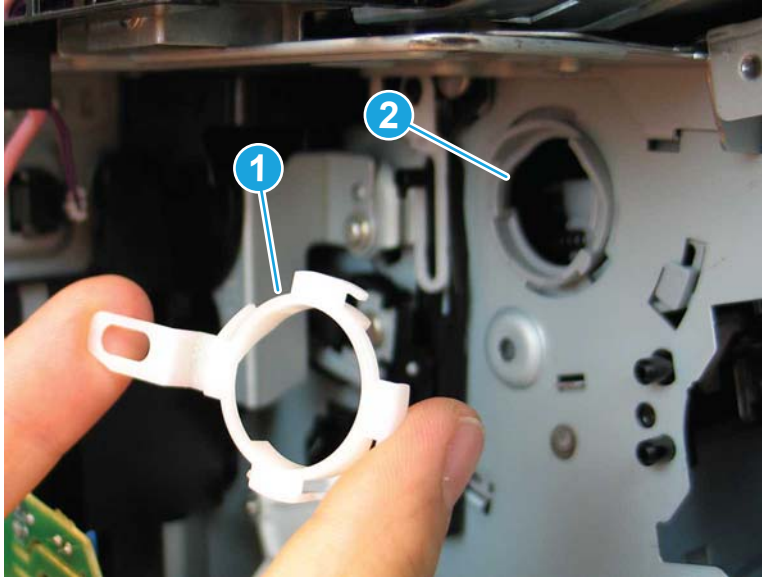
3. Note the location where the cam will be installed.

**Figure 1-2768** Cam location



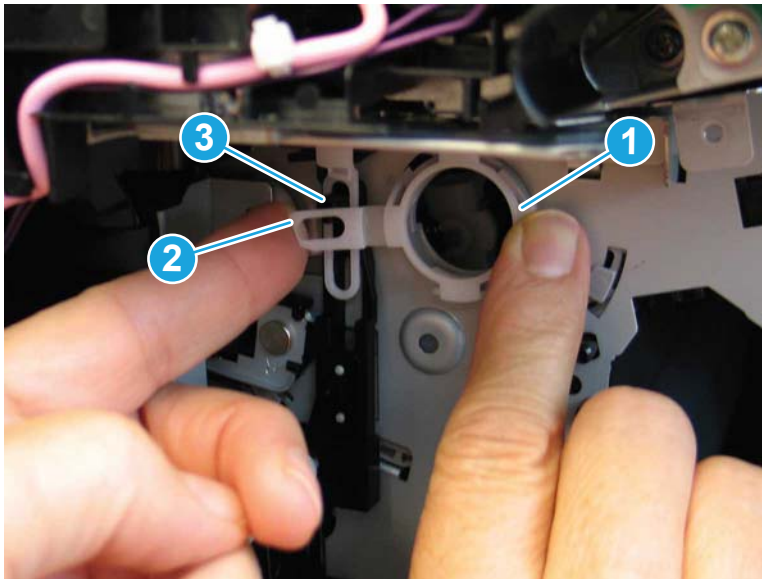
4. Position the cam (callout 1) over the gray ring (callout 2) on the printer. The tabs on the cam fit into openings on the gray ring.

Figure 1-2769 Position the cam



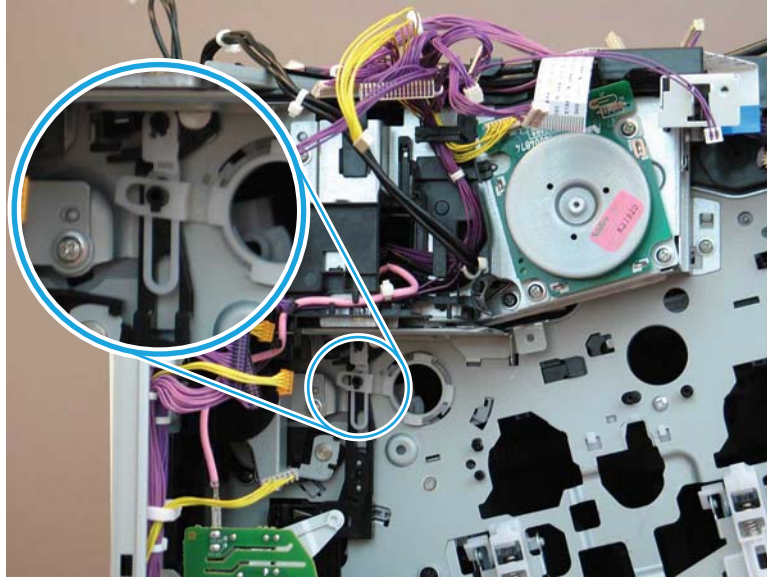
5. Hold the cam in position (callout 1), and then position the opening in the left side of the cam (callout 2) over the boss (callout 3) on the black link arm on the printer.

Figure 1-2770 Install the cam



- When installed correctly, the cam engages with the black link arm on the printer.

Figure 1-2771 Cam correctly installed



### Removal and replacement: Waste toner gear base assembly (M856/E85055/M776dn/M776z)

Learn how to remove and replace the waste toner gear base assembly.

 [View a video of how to remove and replace the waste toner gear base assembly.](#)


Mean time to repair: 45 minutes

Service level: Difficult

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-132 Part information

Part number	Part description
RM2-1364-000CN	Waste toner gear base assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

Figure 1-2772 Remove the toner cartridge



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.



Figure 1-2773 Rotate the blue lever



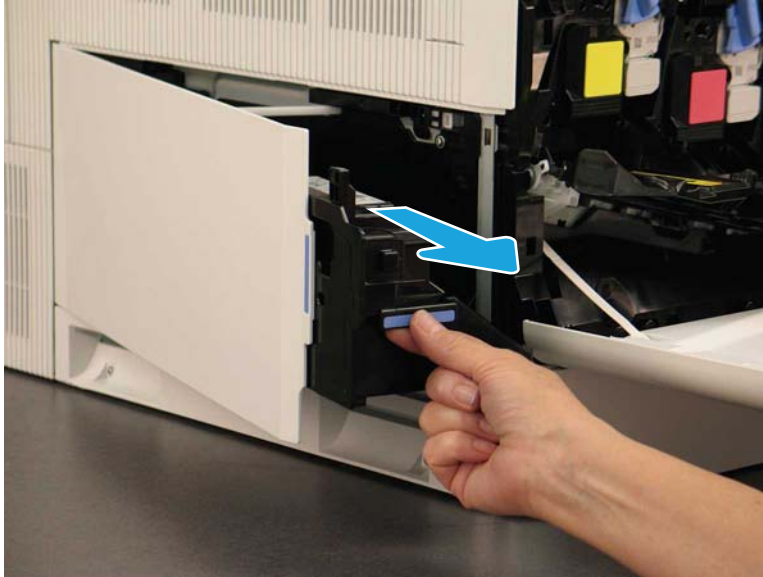
- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

Figure 1-2774 Remove the imaging drum



3. Remove the TCU.
  - ▲ Open the front door, and then open the left door. Grasp the front of the toner-collection unit, and then remove it from the printer.

Figure 1-2775 Remove the TCU



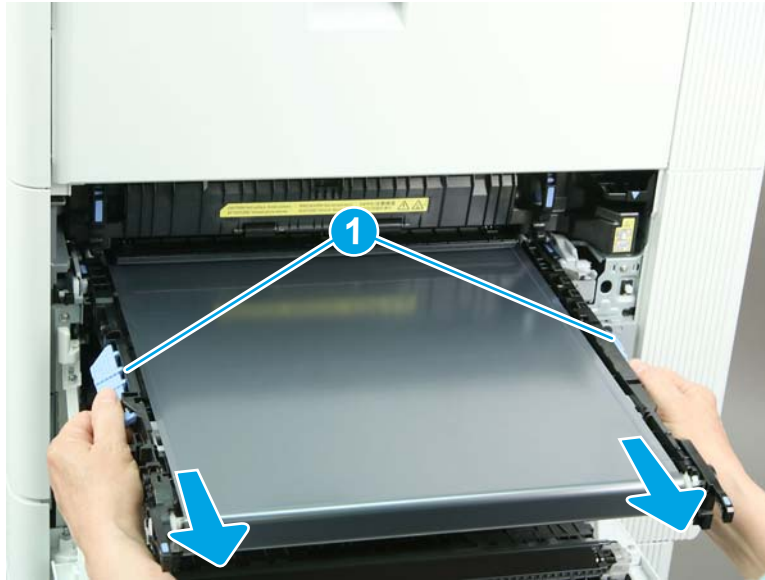
4. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2776 Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

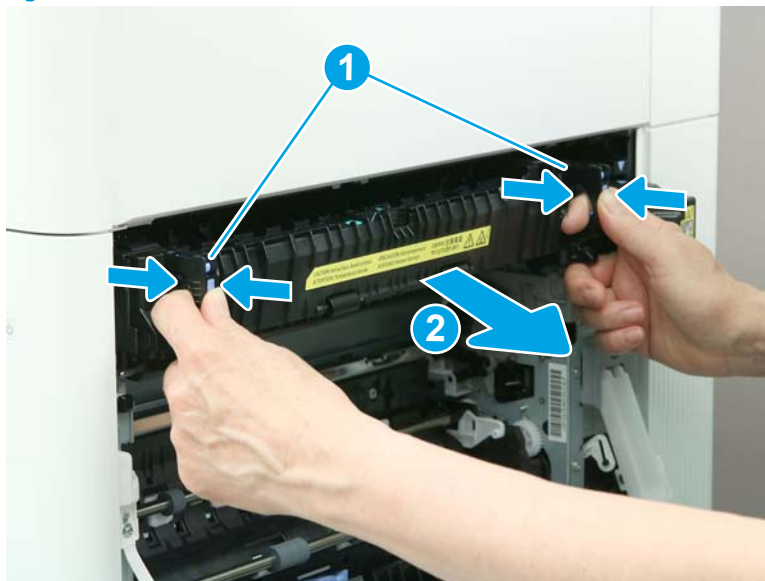
Figure 1-2777 Remove the ITB



5. Remove the fuser.

- ▲ Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

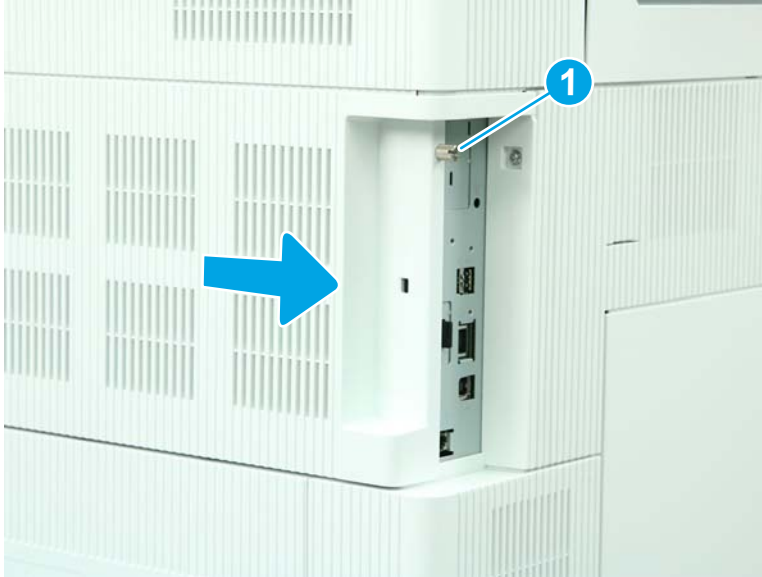
Figure 1-2778



6. Remove the formatter cover.

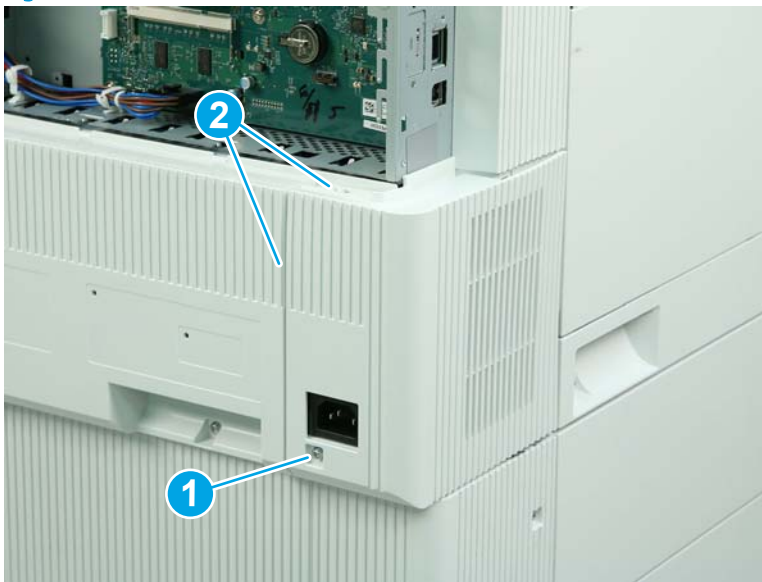
- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2779 Remove the formatter cover



7. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2780 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

**Figure 1-2781** Remove the left lower cover



- 8. Remove the left rear cover (M751/E75245/M856/E85055/M776).

- a. Remove one screw (callout 1).

**Figure 1-2782** Remove one screw



- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

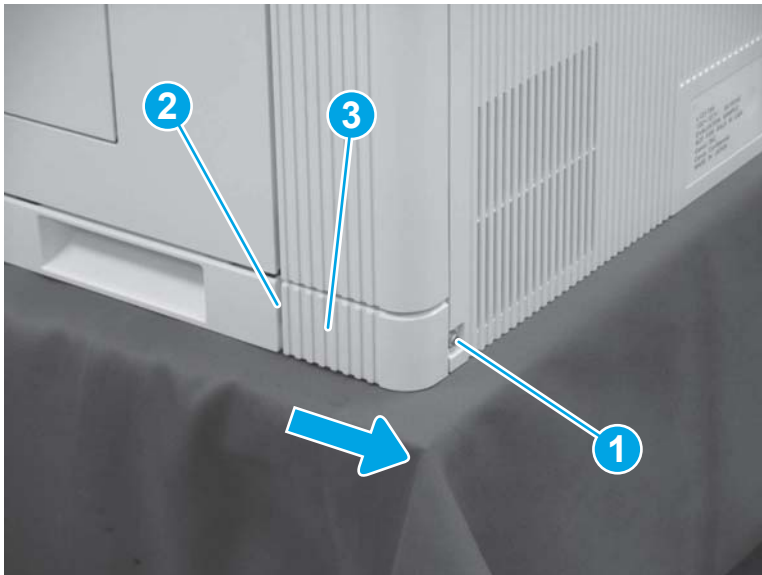
Figure 1-2783 Remove the left rear cover



- 9. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

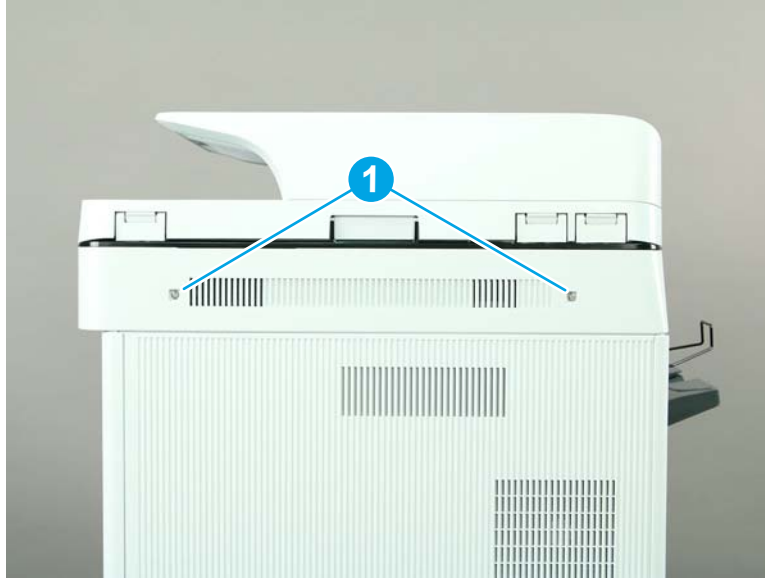
Figure 1-2784 Remove the right rear lower cover



- 10. Remove the scanner control board (SCB) cover (M776).

- a. Remove two screws (callout 1).

Figure 1-2785 Remove two screws



- b. Remove the SCB cover.

Figure 1-2786 Remove the SCB cover

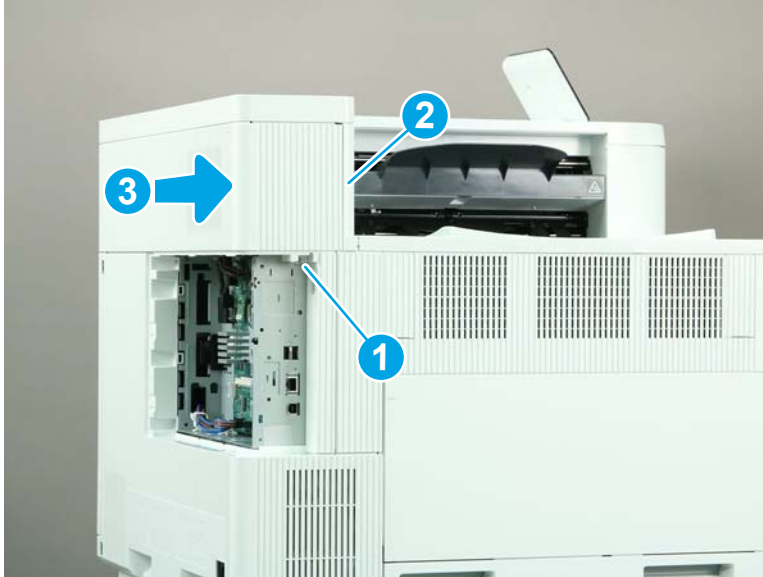


11. Remove the rear upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figure shows the M856 printer. The procedure is correct for all referenced models.

- ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the rear upper cover away from the printer to remove it (callout 3).

Figure 1-2787 Remove the rear upper cover



12. Remove the accessory upper cover (M856/E85055/M776dn/M776z).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Use a small, flat-blade screwdriver to remove two covers (callout 1).

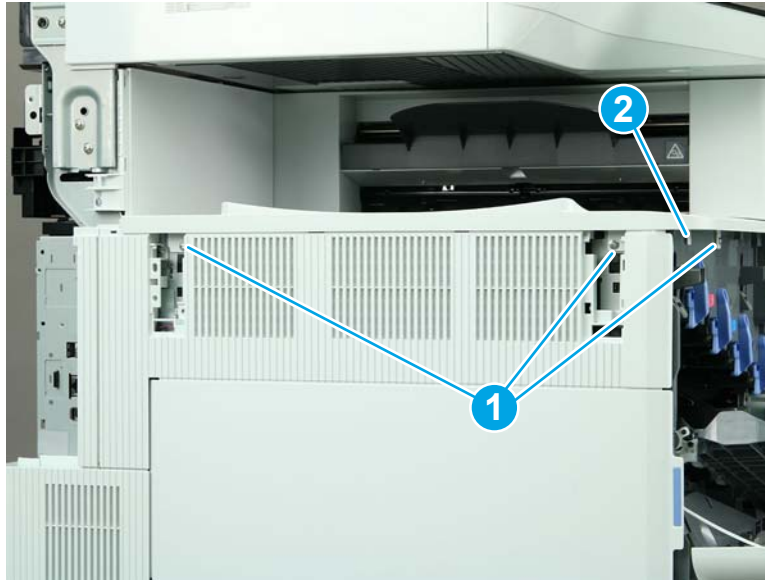
Figure 1-2788 Remove two covers





- b. Remove three screws (callout 1), and then release one tab (callout 2).

**Figure 1-2789** Remove three screws and release one tab



- c. Slide the accessory upper cover away from the printer to remove it.

**Figure 1-2790** Remove the accessory upper cover

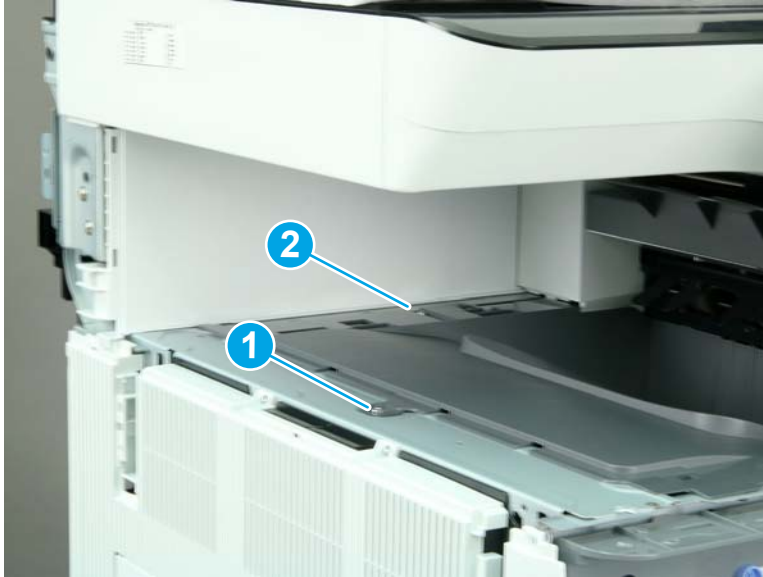


13. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-2791 Remove two screws



- b. Remove the output bin.

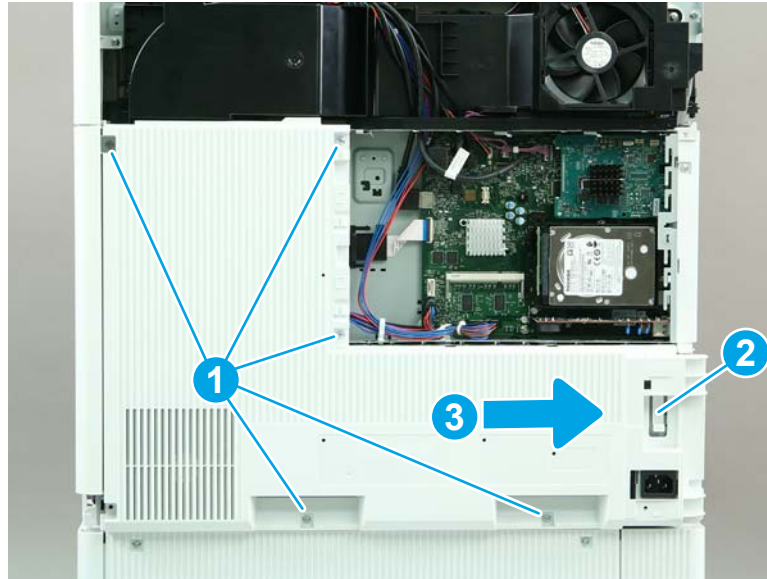
Figure 1-2792 Remove the output bin



14. Remove the rear cover (M856/E85055/M776).

- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2793 Remove the rear cover (M856/E85055/M776)



15. **M856/E85055 only:** Remove the control panel and top cover.

 **NOTE:** This step applies to only the M856/E85055 models. Skip this step for all other models.

- a. Use a small, flat-blade screwdriver to release two tabs (callout 1), and then remove the control panel cover (callout 2).

Figure 1-2794 Remove the control panel cover



- b. Remove one screw (callout 1).

Figure 1-2795 Remove one screw



- c. Lift the back edge of the control panel up (callout 1), and then slide the control panel toward the back of the printer (callout 2).

Figure 1-2796 Slide the control panel back



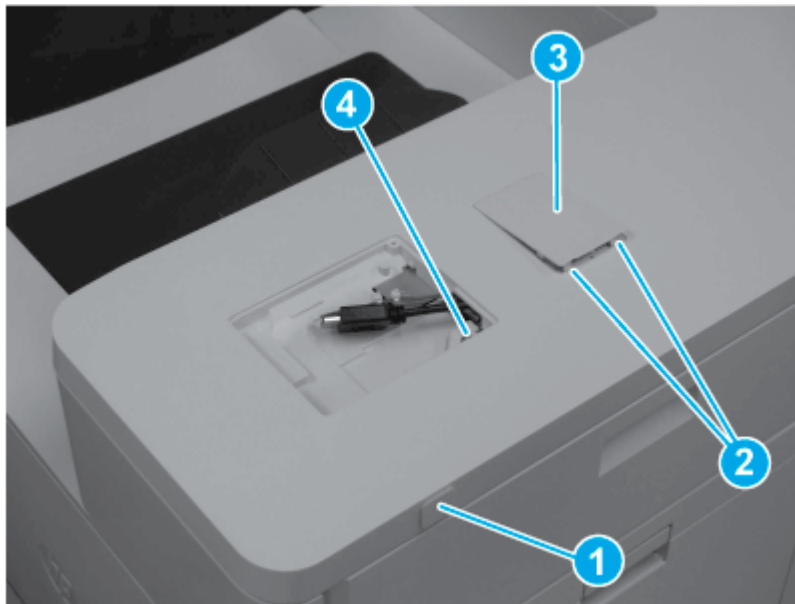
- d. Turn the control panel so that the bottom is facing up, and then disconnect two connectors to remove the control panel.

Figure 1-2797 Disconnect two connectors



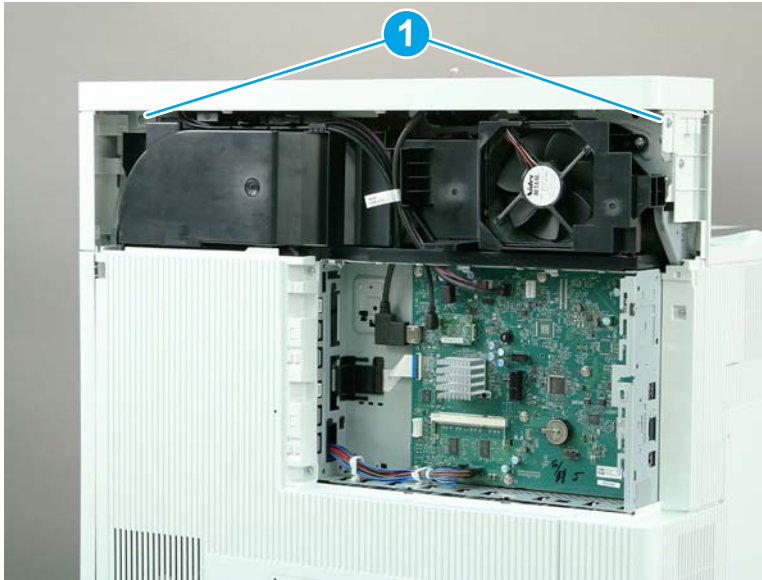
- e. Remove the USB cover (callout 1). Release two tabs (callout 2), and then remove the HIP cover (callout 3). Remove one screw (callout 4).

Figure 1-2798 Remove covers and one screw



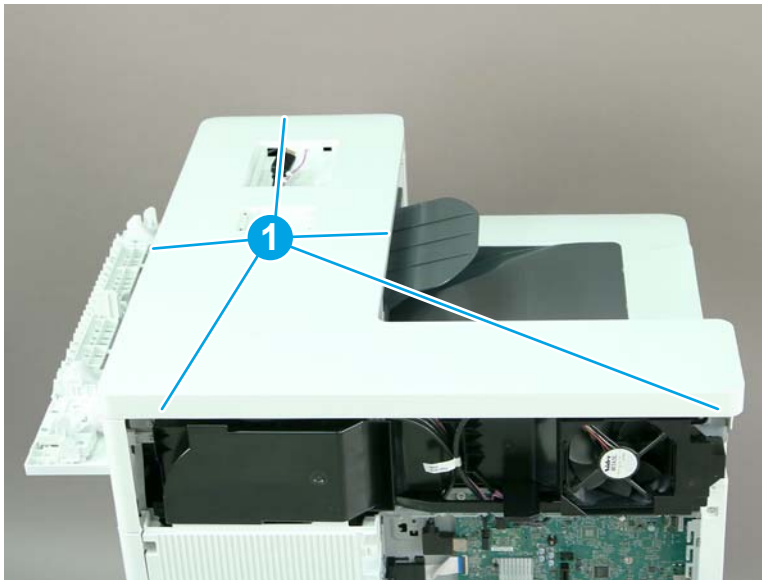
- f. Remove two screws (callout 1).

Figure 1-2799 Remove two screws



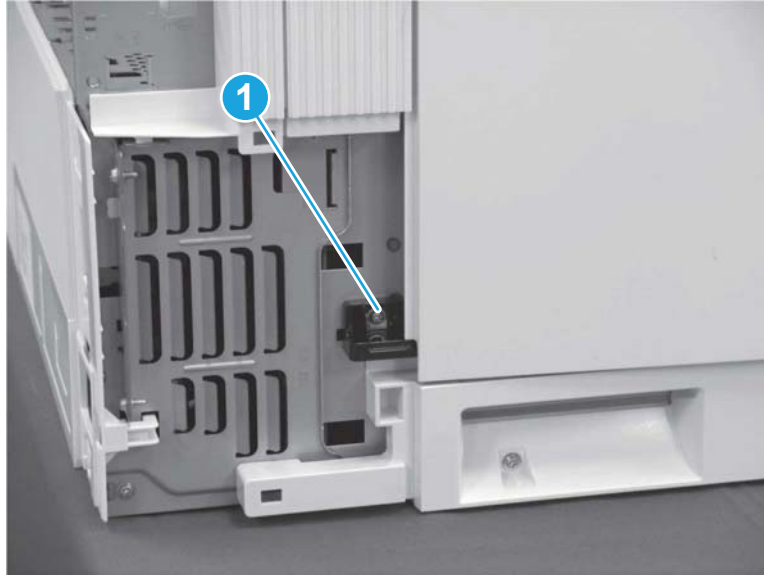
- g. Release five tabs (callout 1), and then remove the top cover.

Figure 1-2800 Release five tabs



- 16. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-2801 Remove one screw



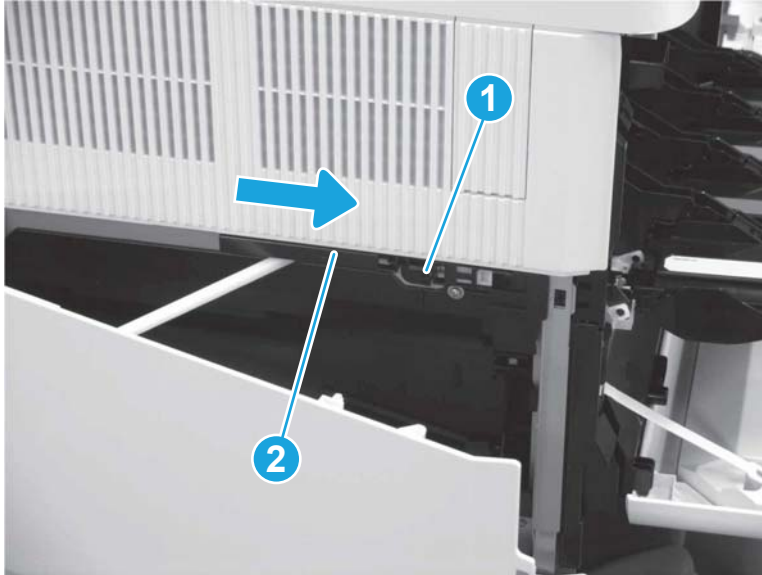
- b. Release the holder, and then remove it from the printer.

Figure 1-2802 Remove the holder



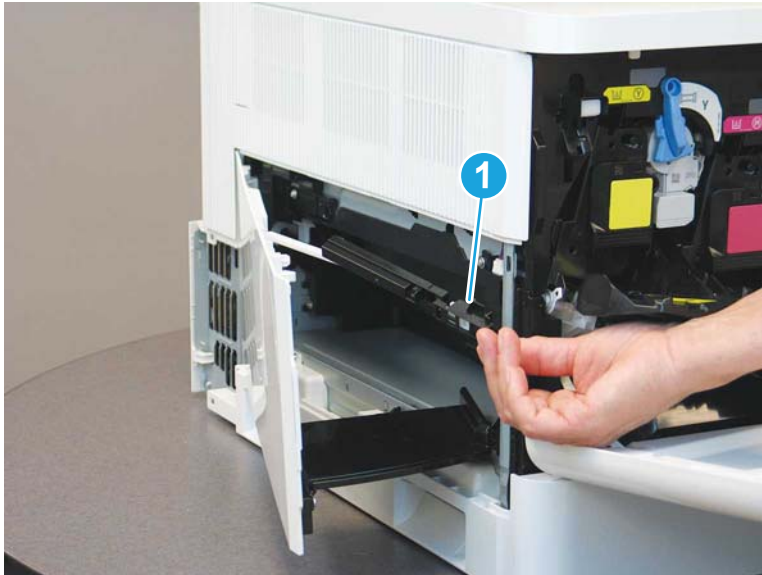
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-2803 Slide the holder



- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

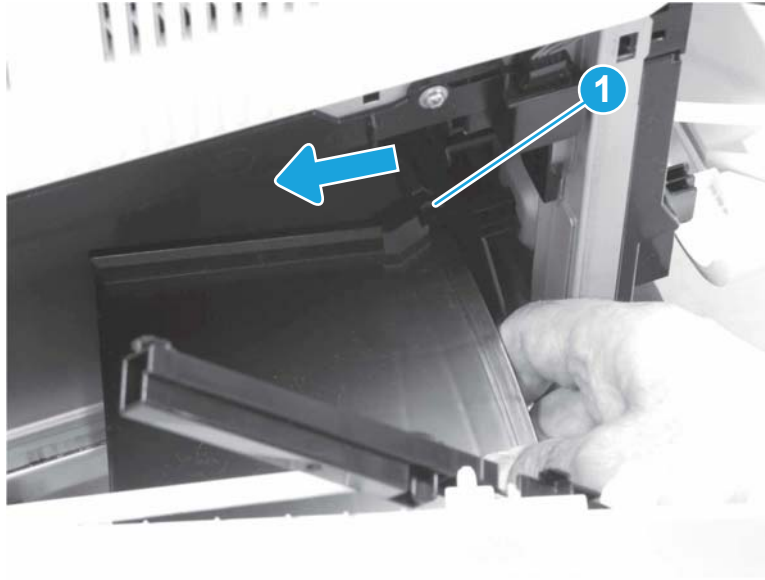
Figure 1-2804 Release the holder





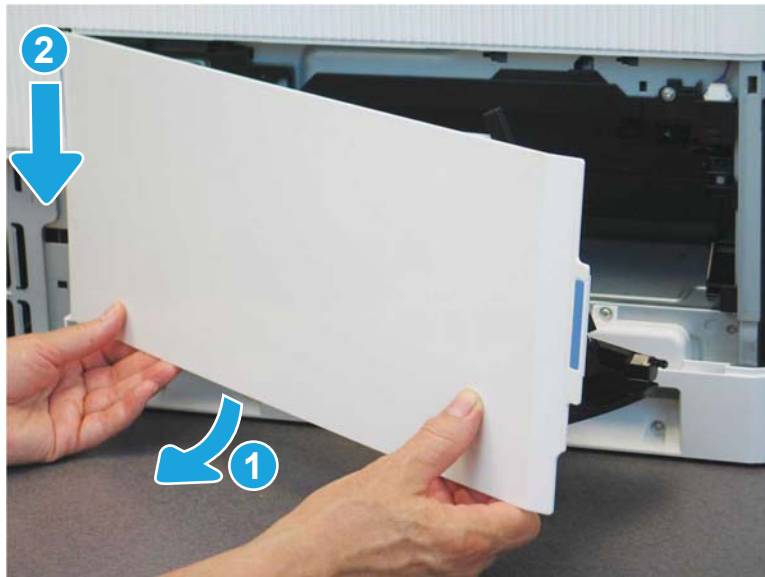
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-2805 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-2806 Remove the left door

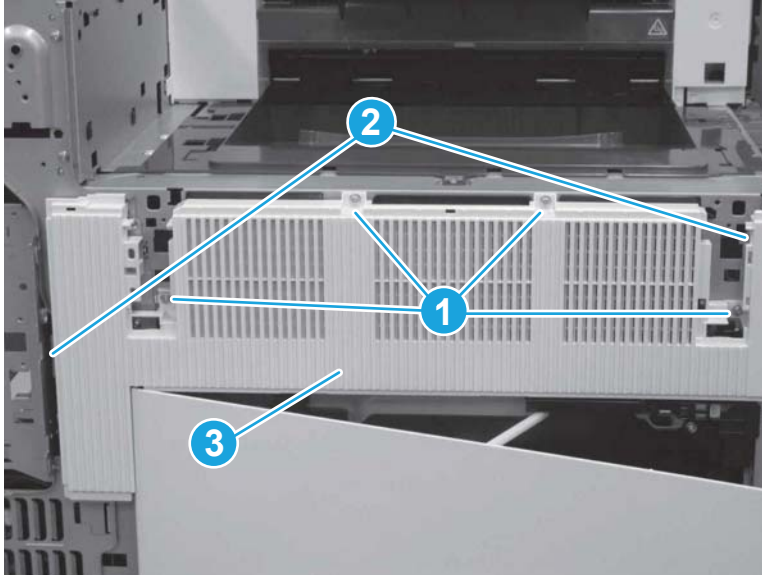


- 17. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

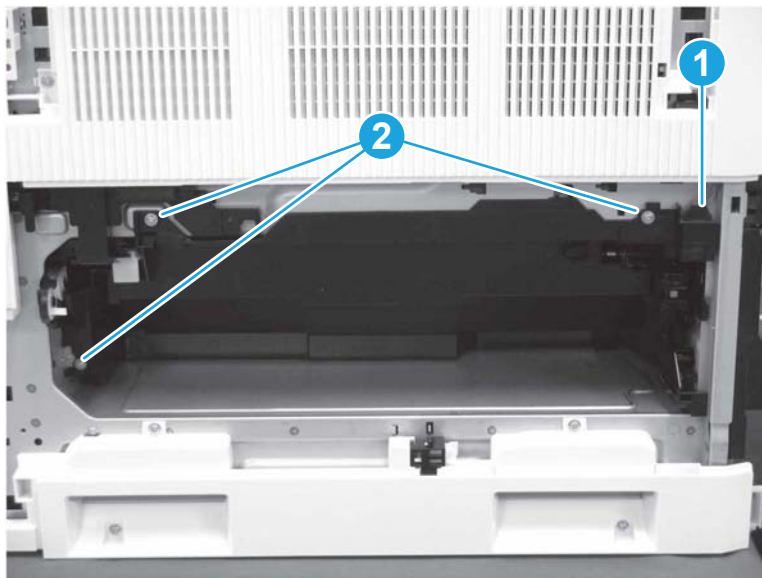
- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

Figure 1-2807 Remove the left upper cover



18. Remove the scanner cover.
  - a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

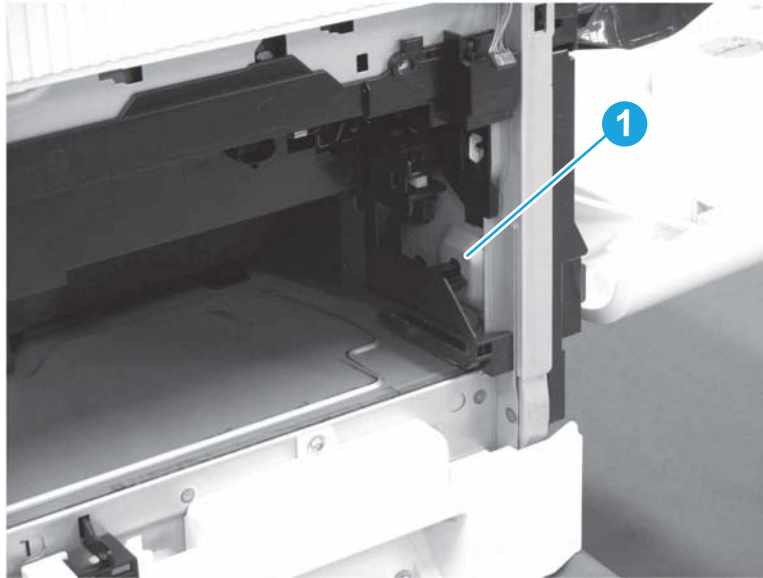
Figure 1-2808 Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.

- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

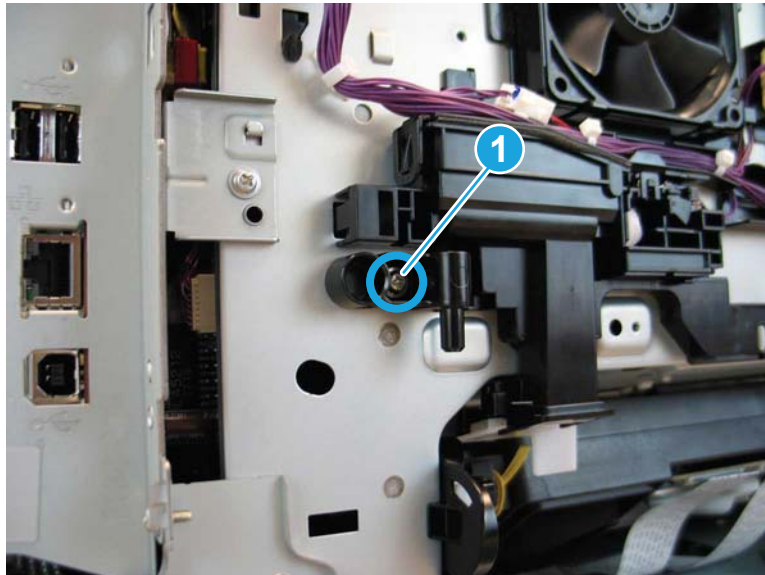
Figure 1-2809 Remove the scanner cover



- 19. Remove the secondary auger.

- a. Remove one screw (callout 1).

Figure 1-2810 Remove one screws



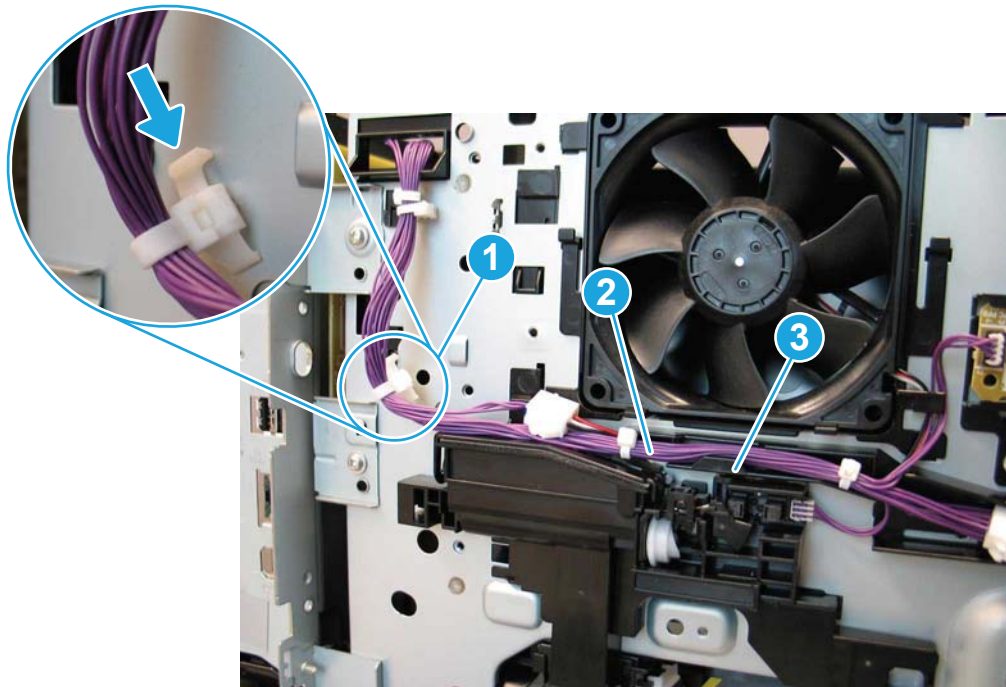
- b. Remove the left door upper hinge.

Figure 1-2811 Remove the left door upper hinge



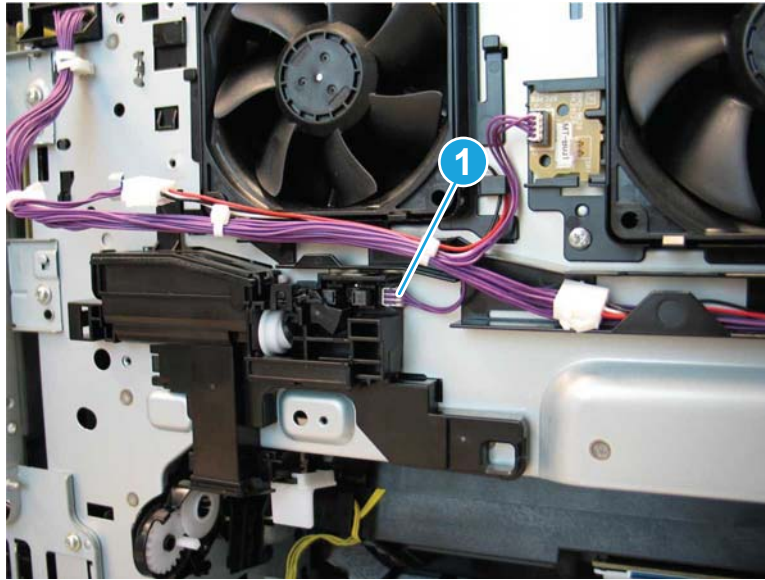
- c. Press the latch to release one retainer (callout 1) from the sheet metal. Remove the wire harness (callout 2) from the guides (callout 3).

Figure 1-2812 Release the wire harness from the guides



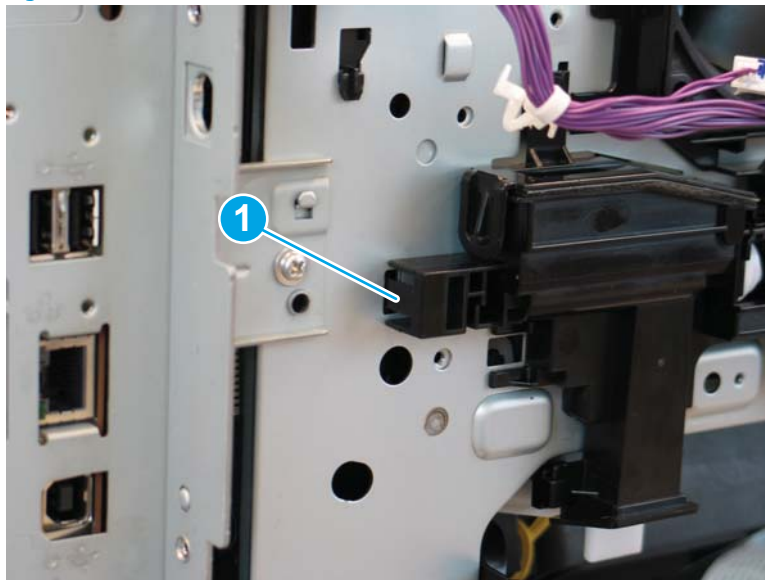
- d. Disconnect one connector (callout 1).

Figure 1-2813 Disconnect one connector



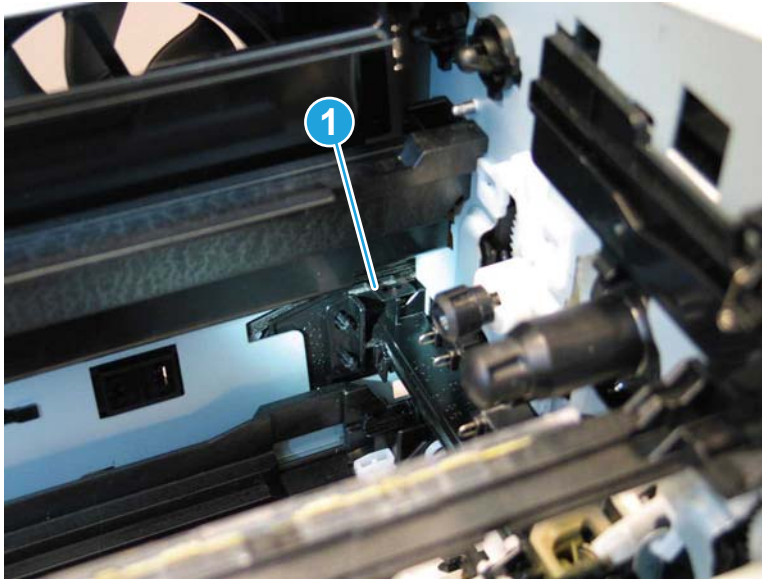
- e. Release one tab (callout 1).

Figure 1-2814 Release one tab



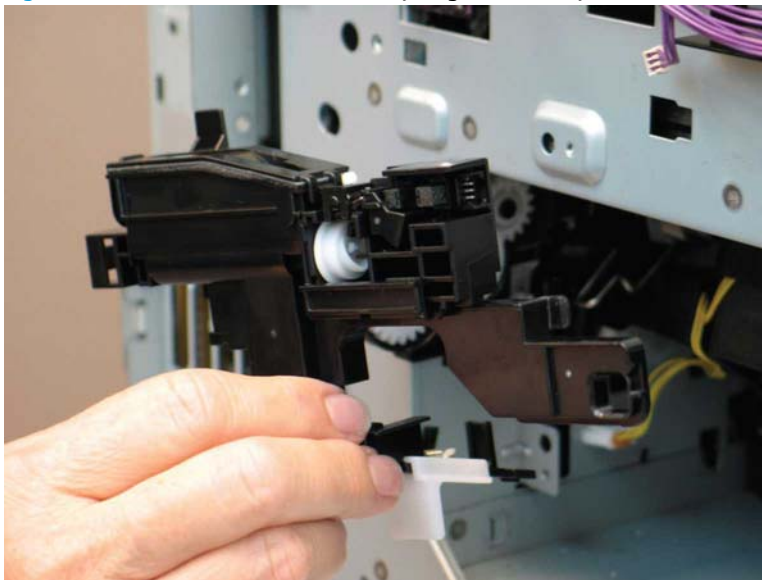
- f. Inside the printer, release one tab that connects to the primary auger (callout 1).

Figure 1-2815 Release one tab




- g. Remove the secondary auger assembly.

Figure 1-2816 Remove the secondary auger assembly



- 20. Remove the laser scanner.

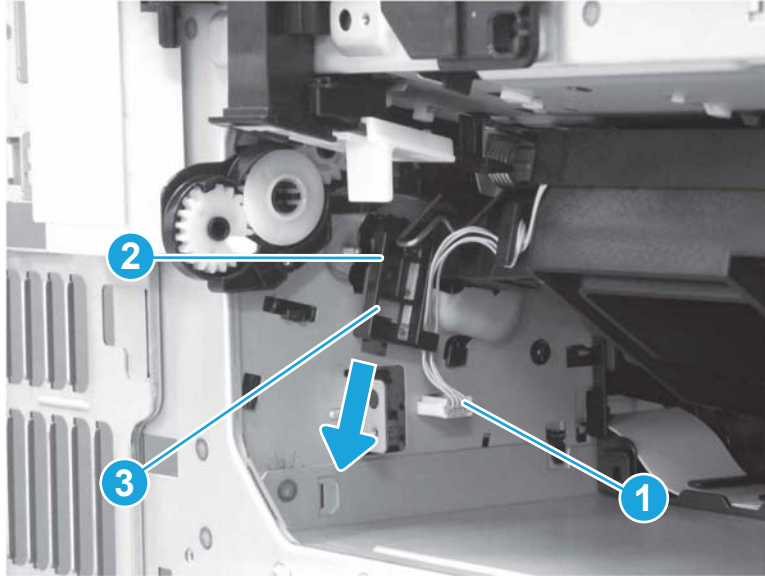
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 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

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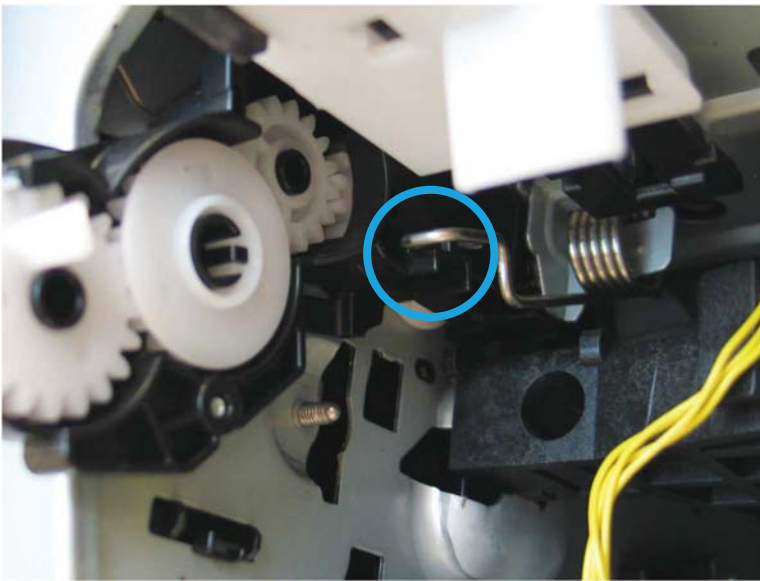
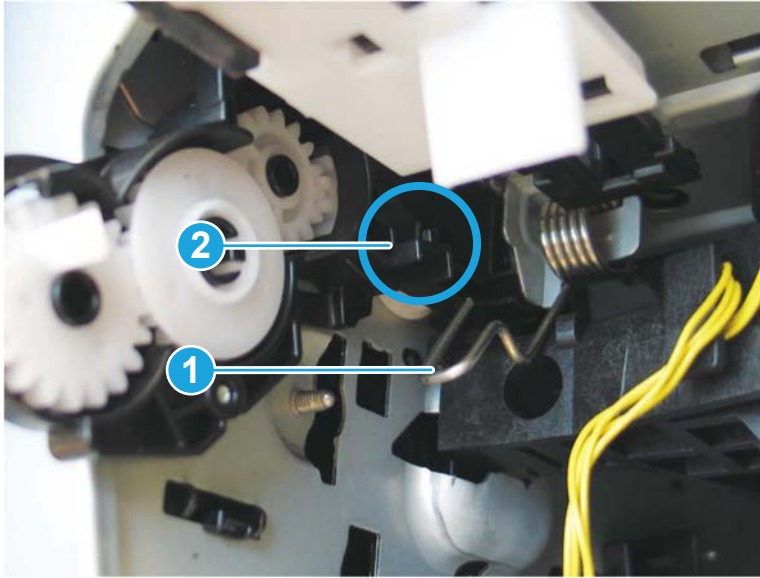
- a. Disconnect one connector (callout 1), release one tab (callout 2), and then slide the stopper (callout 3) down to remove it.


Figure 1-2817 Remove the stopper

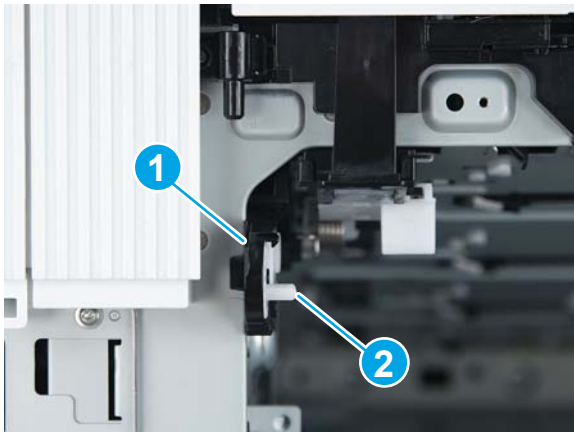


- b. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-2818 Hook the spring



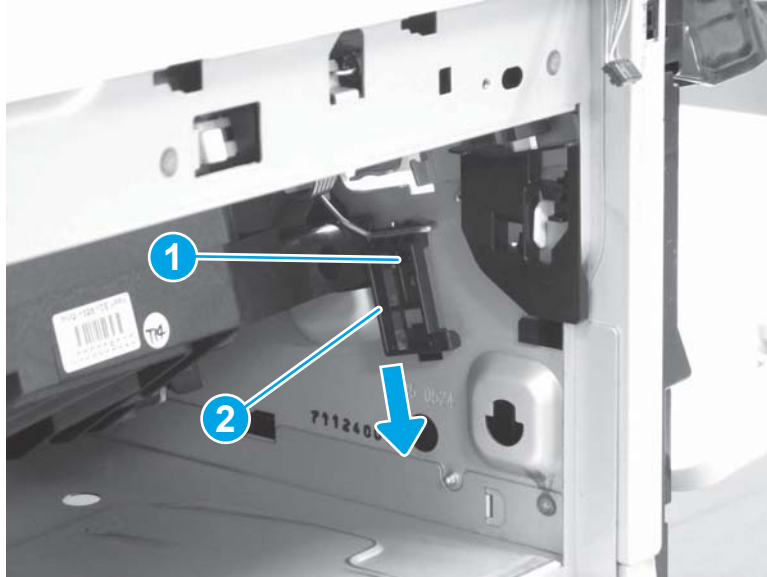
 **Reinstallation tip:** When the laser scanner is installed, make sure that the gear case is flat against the printer chassis (callout 1). The pin on the gear (callout 2) might need to be rotated out of the way when the assembly is installed.





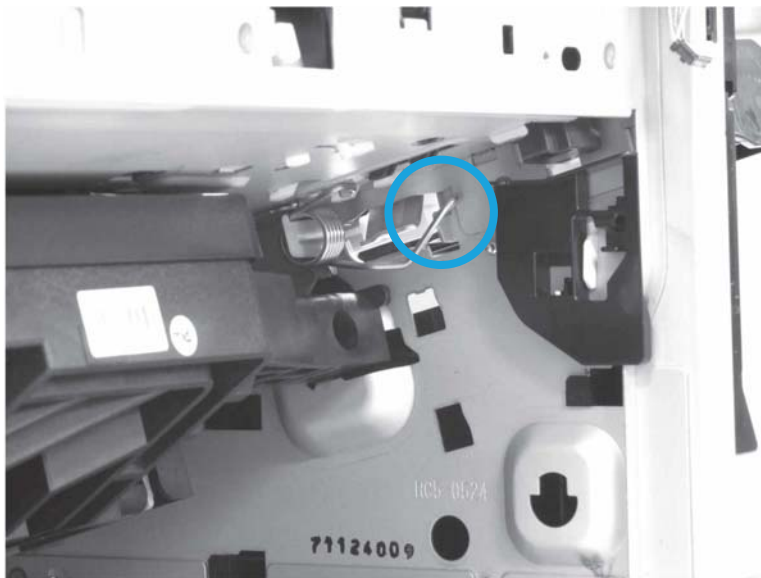
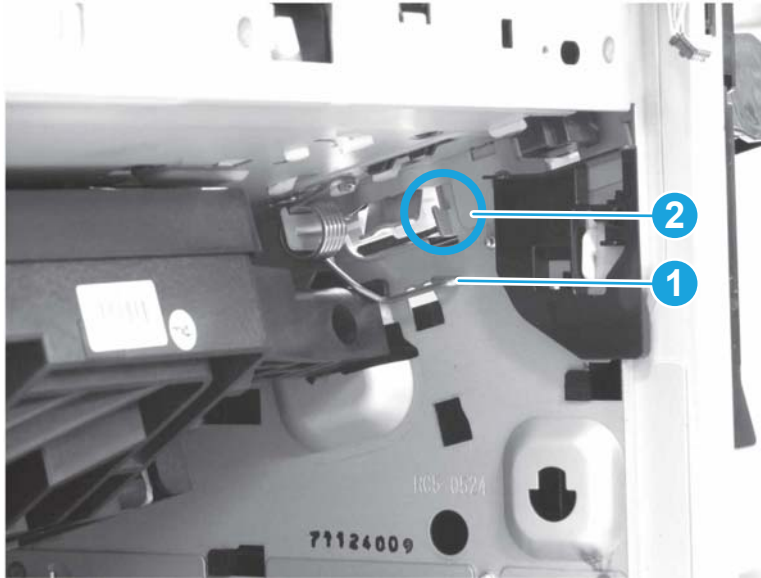
- c. On the right side of the laser scanner, release one tab (callout 1), and then slide the stopper (callout 2) down to remove it.

**Figure 1-2819** Remove the stopper



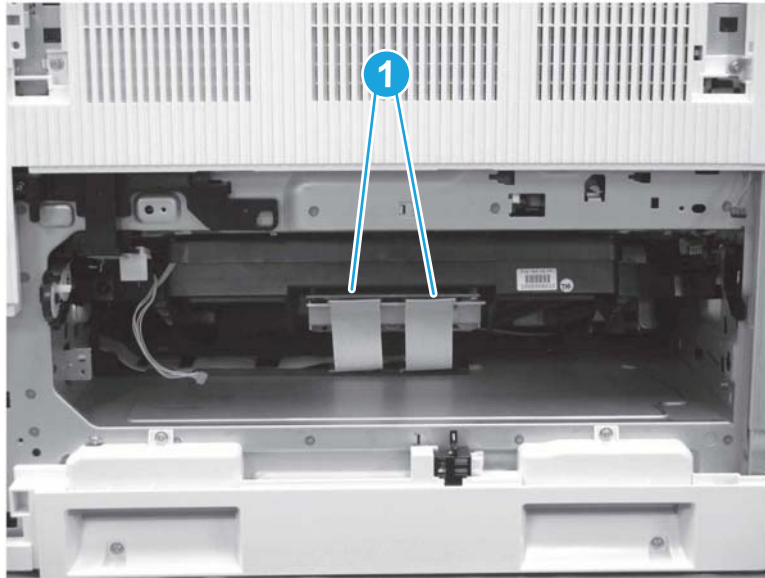
- d. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-2820 Hook the spring



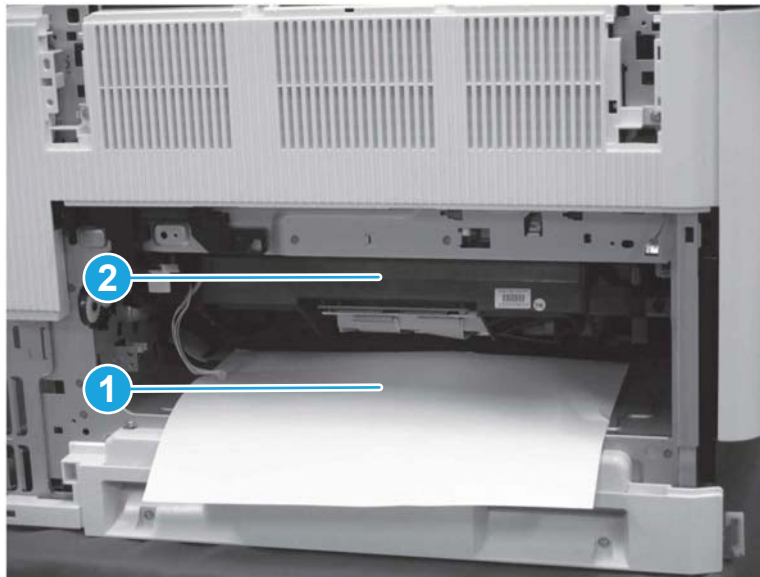
- e. Disconnect two flat cables (callout 1).


Figure 1-2821 Disconnect two flat cables




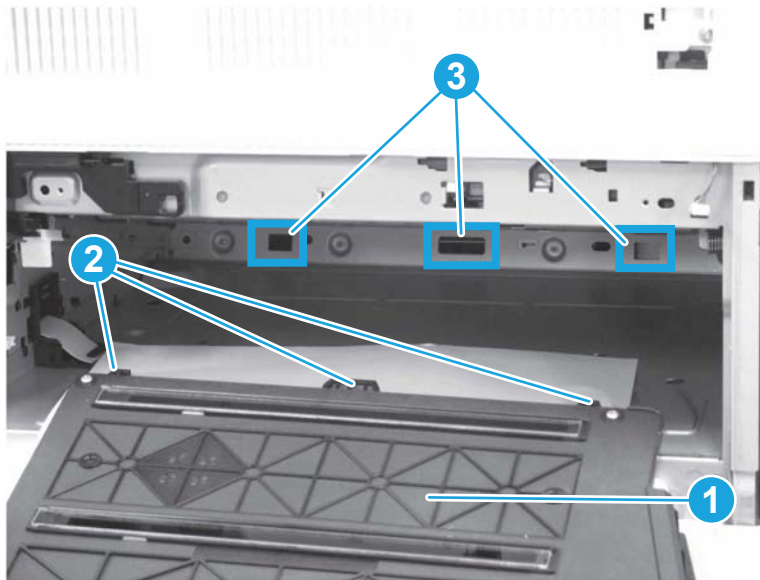
- f. Lay a sheet of paper on top of the flat cables (callout 1) to protect them. Pull the laser scanner (callout 2) out of the printer to remove it.

Figure 1-2822 Remove the laser scanner



 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

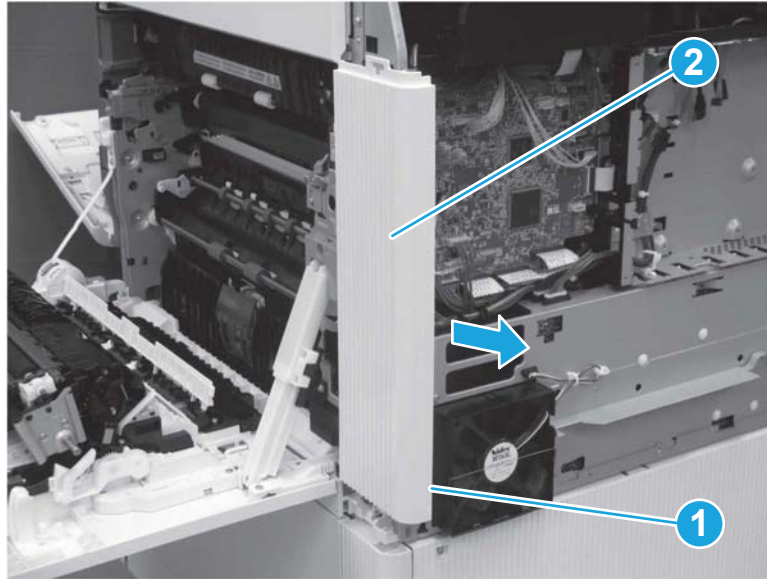
 **Reinstallation tip:** When installing the laser scanner (callout 1), position the pins (callout 2) on the laser scanner into the openings (callout 3) inside the printer.



21. Remove the right rear cover (M856/E85055/M776).

▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

Figure 1-2823 Remove right rear cover



22. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.


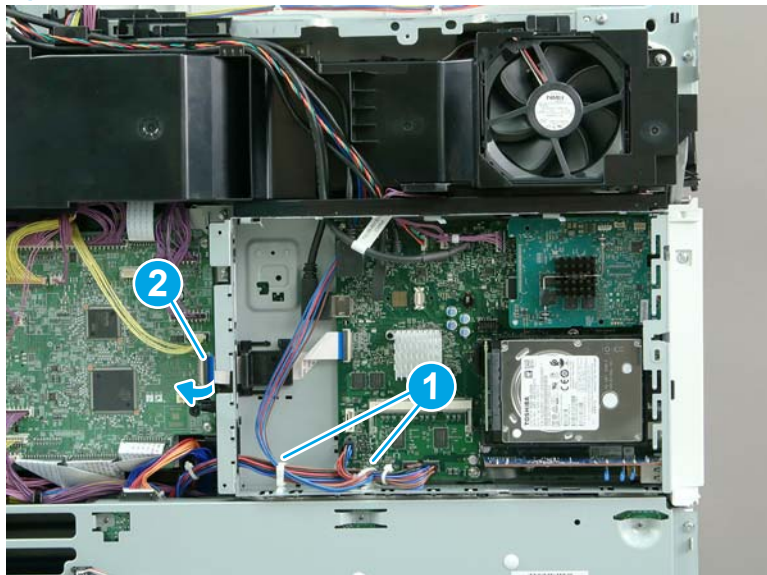
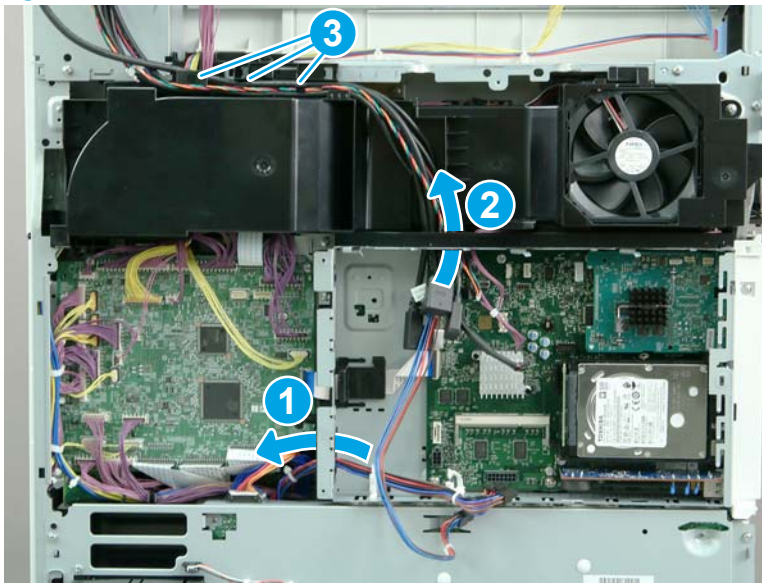
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

Figure 1-2824 Disconnect the connectors



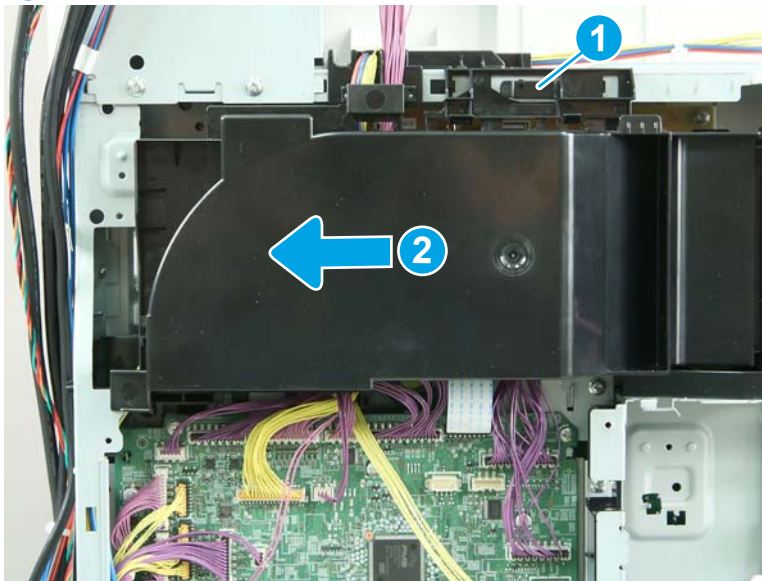
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-2825 Release the cables



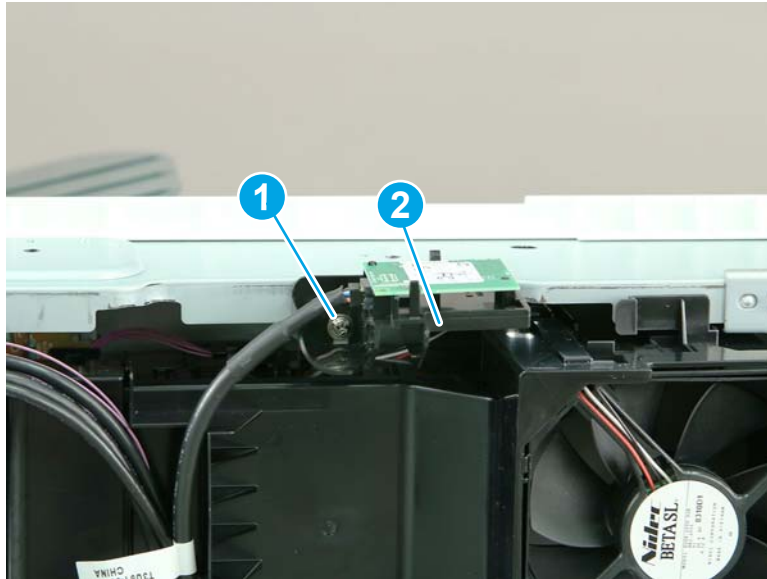
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-2826 Remove the fan duct



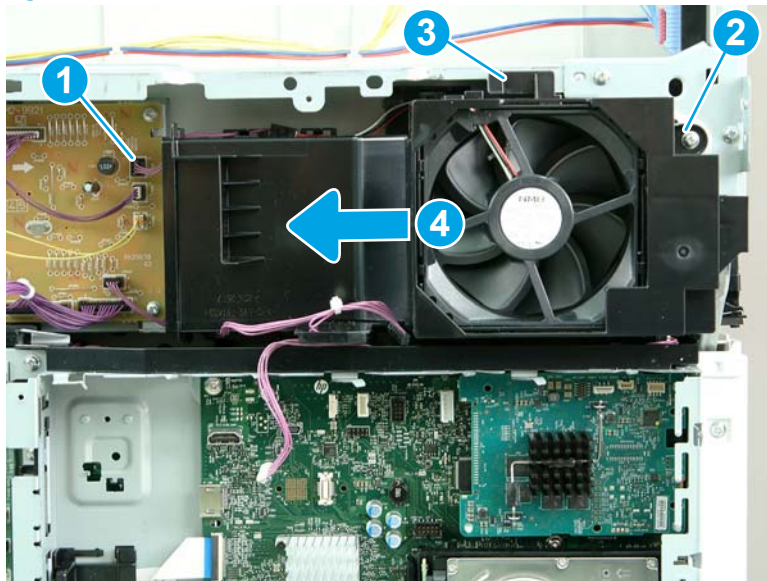
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-2827 Remove the wireless card and bracket



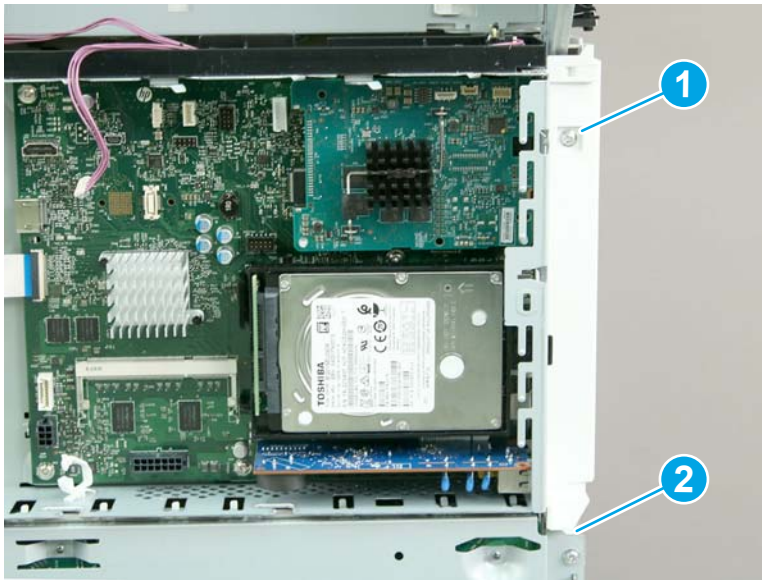
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-2828 Remove the fan assembly



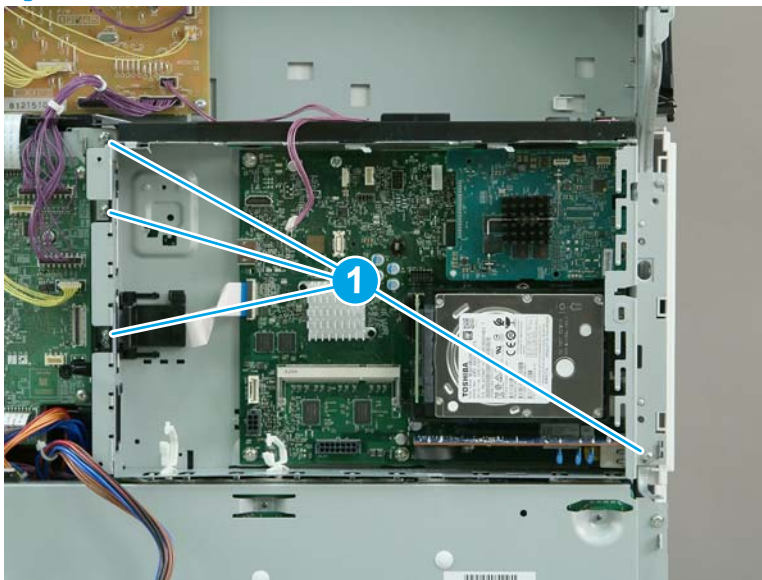
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-2829 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-2830 Remove four screws





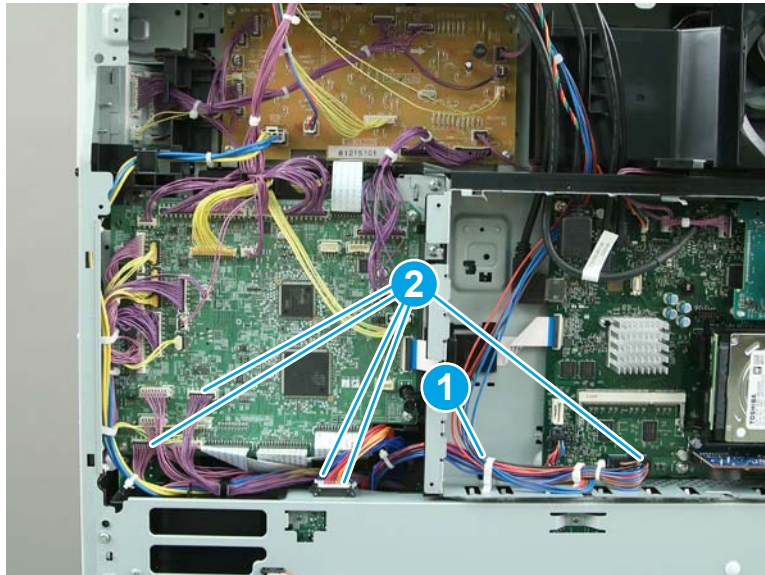
- h. Remove the formatter and case.

**Figure 1-2831** Remove the formatter and case



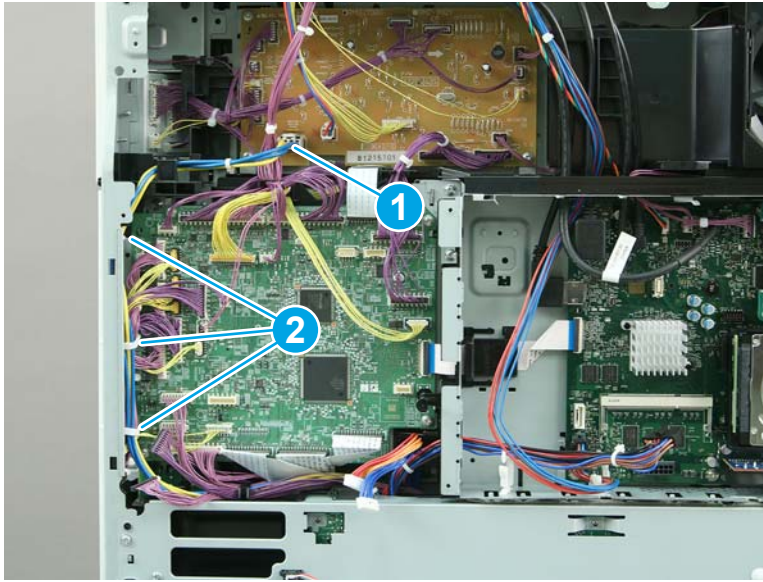
- 23. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

**Figure 1-2832** Release the retainer and disconnect five connectors



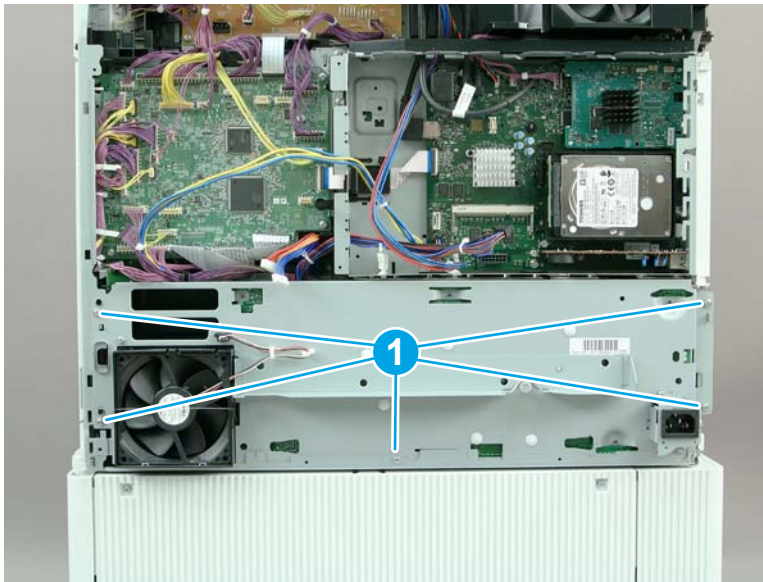
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-2833 Disconnect one connector and release five retainers



- c. Remove five screws (callout 1).

Figure 1-2834 Remove five screws

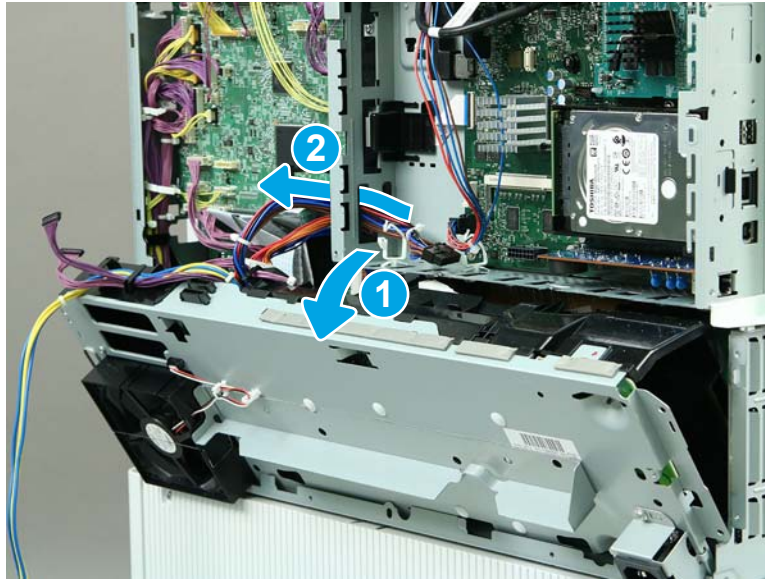


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

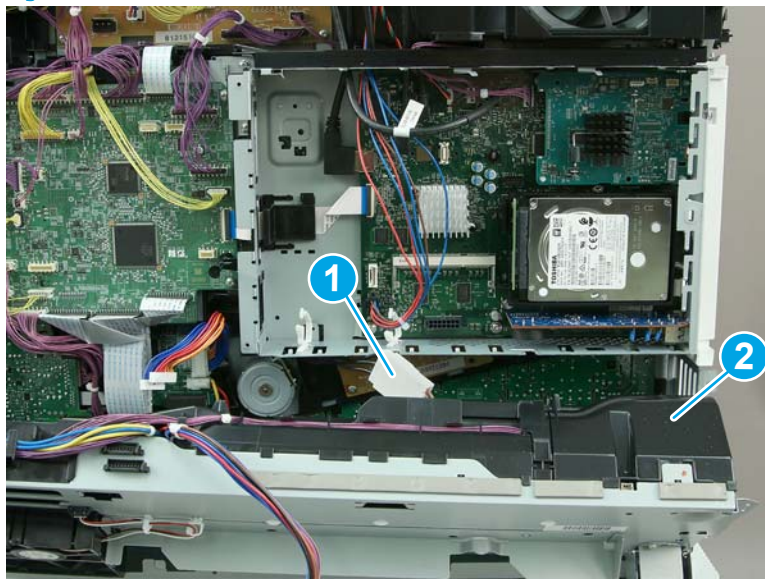
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-2835 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

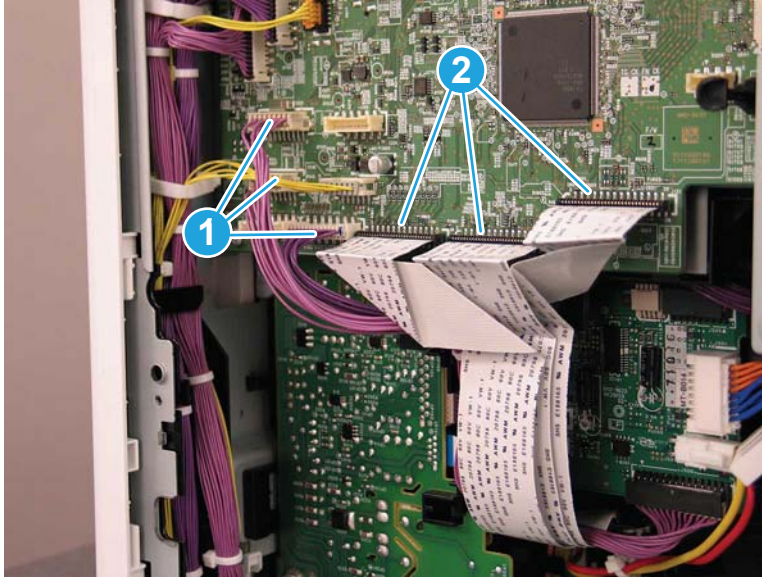
Figure 1-2836 Remove the LVPS



24. Remove the T2 connecting PCA.

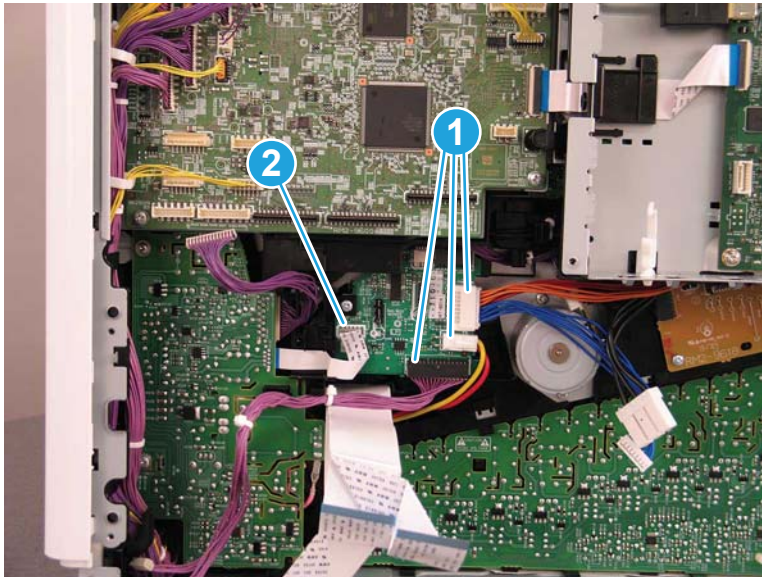
- a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

Figure 1-2837 Disconnect six connectors



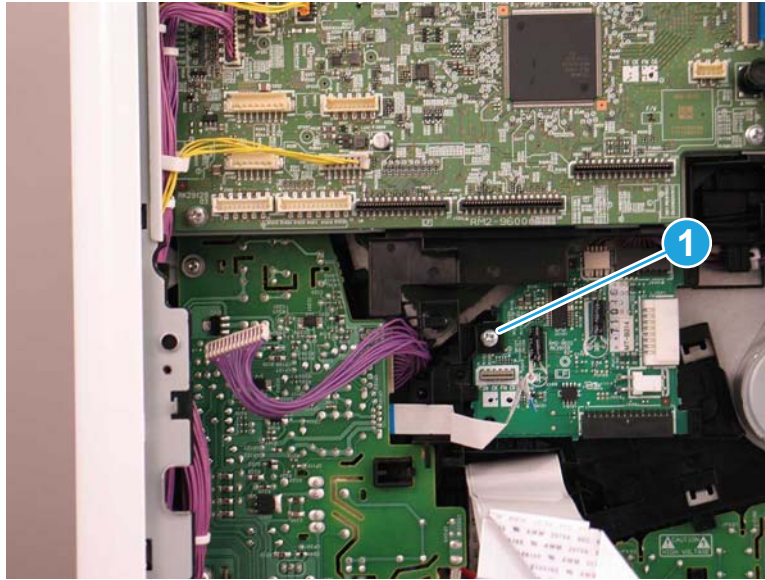
- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-2838 Disconnect three connectors and one flat cable



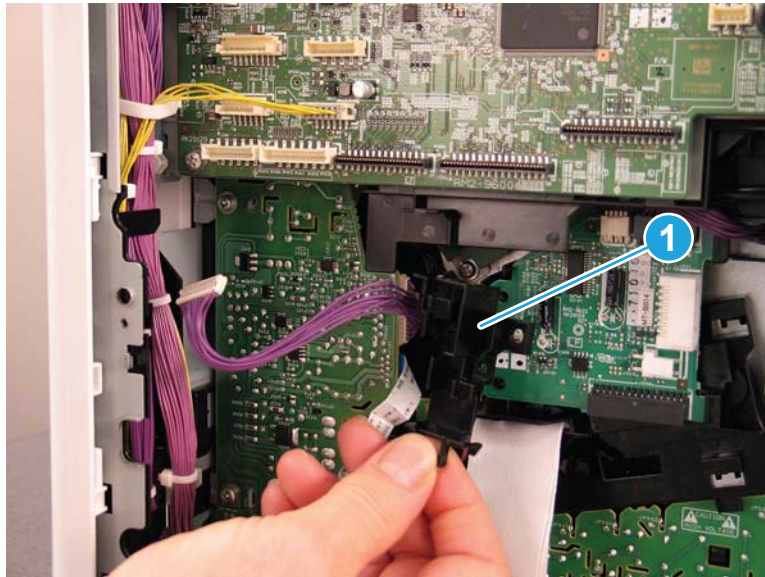
- c. Remove one screw (callout 1).

Figure 1-2839 Remove one screw



- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

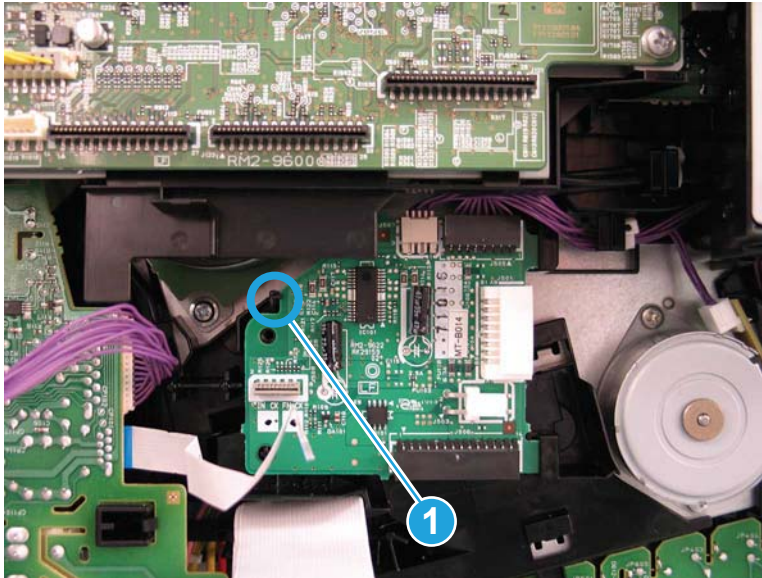
Figure 1-2840 Remove the cable guide



- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

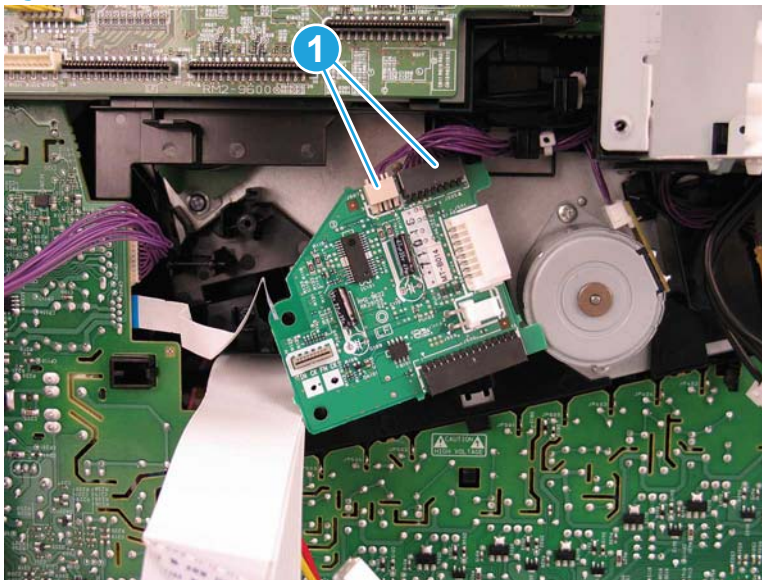
**⚠ CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

**Figure 1-2841** Release one tab



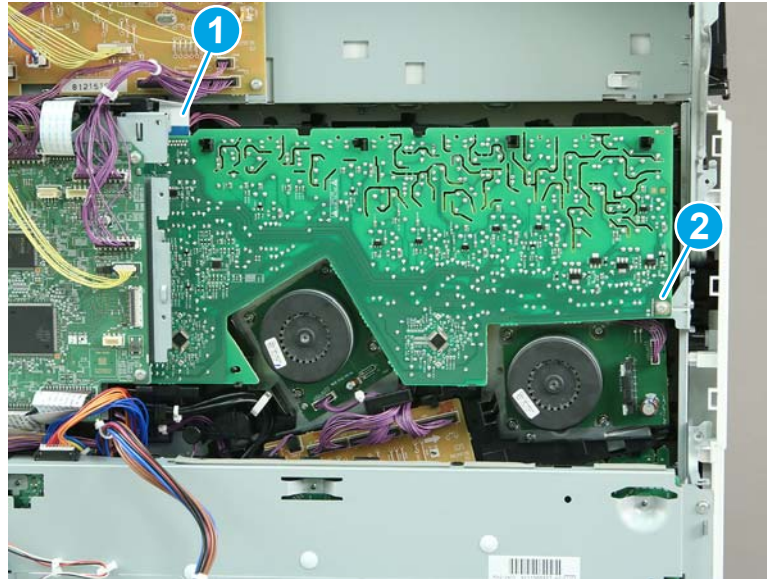
- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

**Figure 1-2842** Disconnect two connectors and remove the PCA



- 25. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).
  - a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-2843 Disconnect one connector and remove one screw



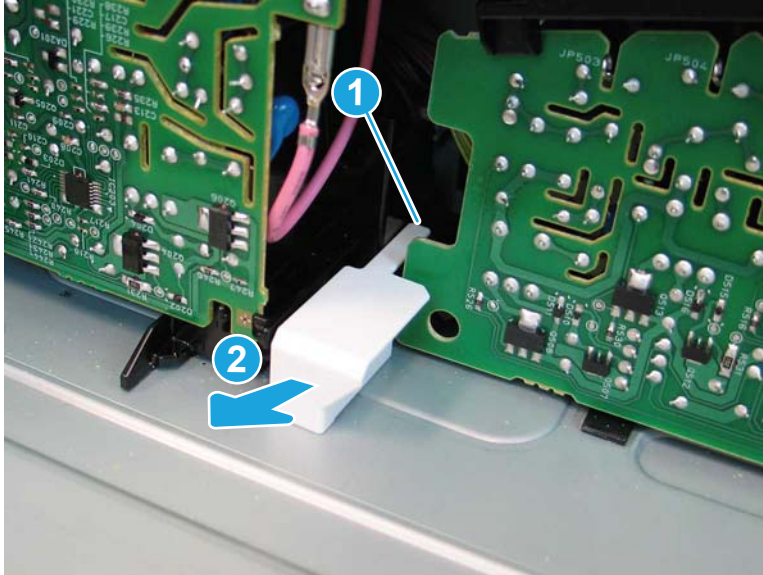
- b. Release six tabs (callout 1), and then remove the upper HVPS.

Figure 1-2844 Release six tabs



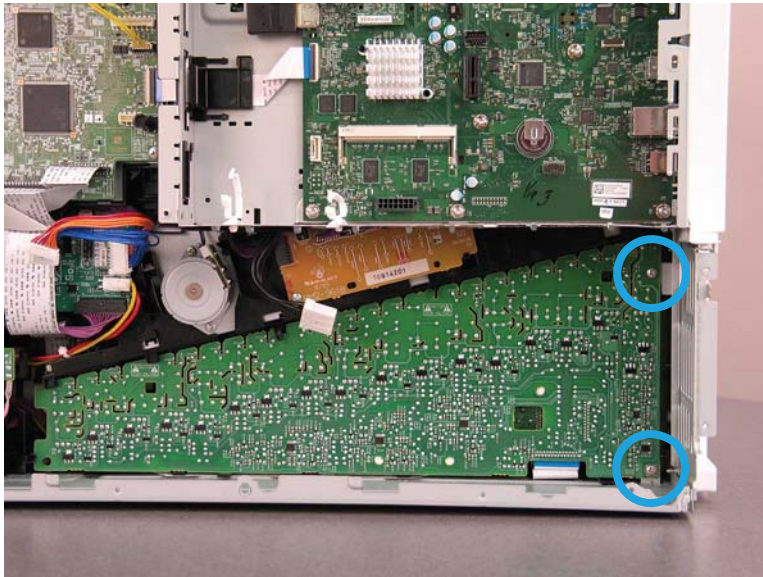
- 26. Remove the lower high-voltage power supply (lower HVPS).
  - a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-2845 Remove the stopper



- b. Remove two screws (callout 1).

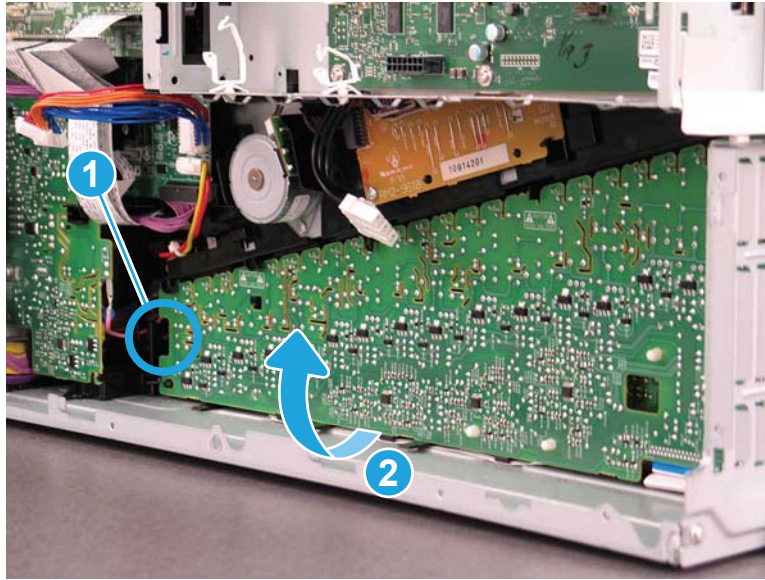
Figure 1-2846 Remove two screws





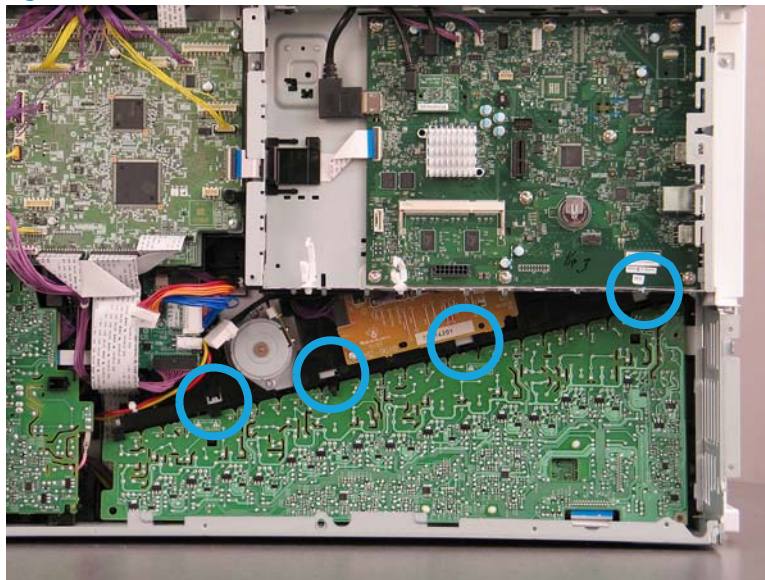
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-2847 Release the lower edge of the lower HVPS



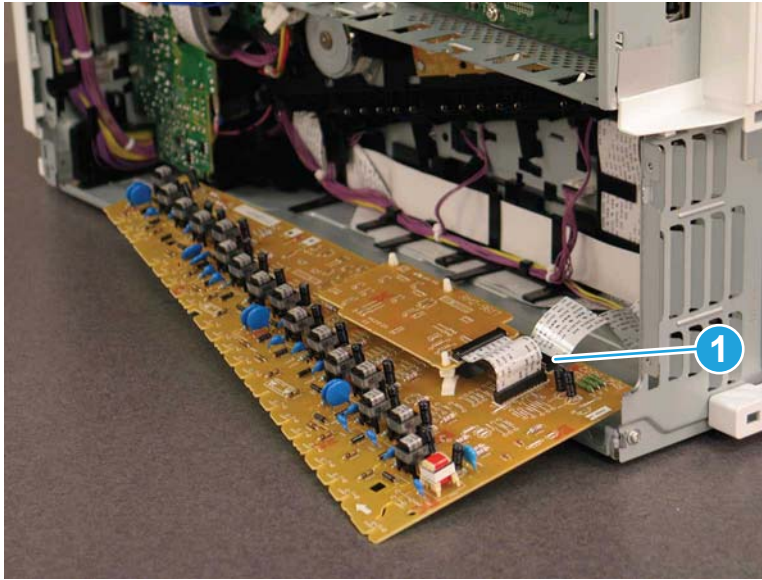
- d. Release the lower HVPS from four tabs.

Figure 1-2848 Release four tabs



- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

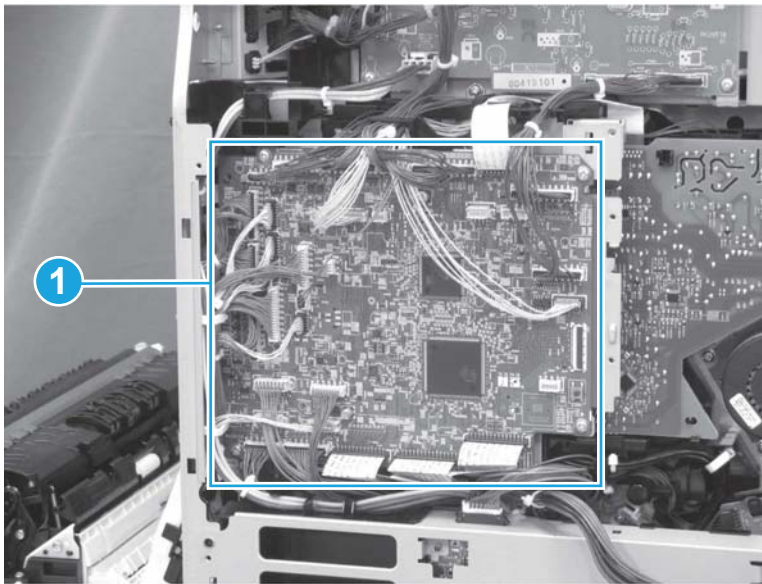
Figure 1-2849 Disconnect one flat cable



- 27. Remove the DC controller and case (M856/E85055/M776).

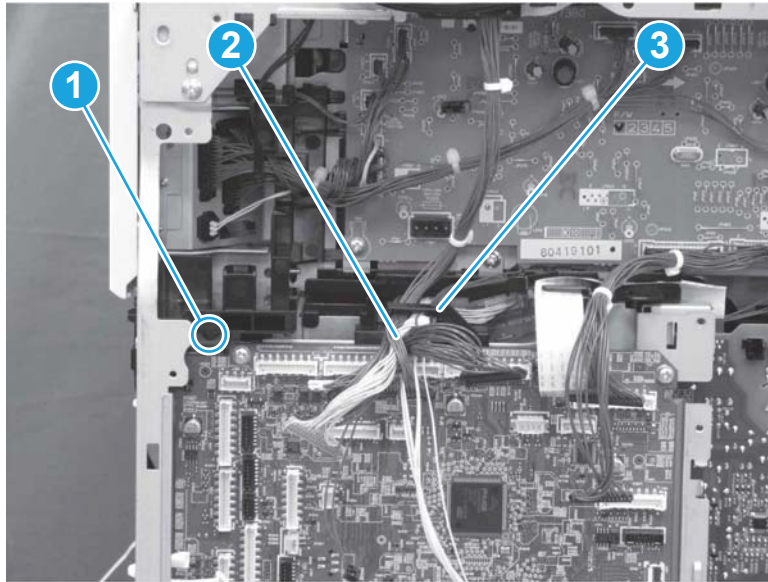
- a. Disconnect all of the connectors on the DC controller.

Figure 1-2850 Disconnect the connectors



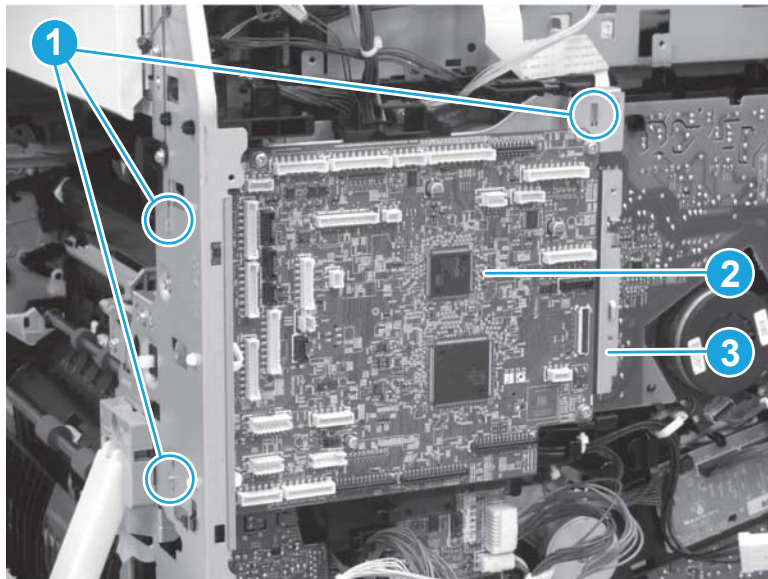
- b. Remove one screw (callout 1), and then release the cables (callout 2) from the cable guide (callout 3).

Figure 1-2851 Remove one screw and release the cables




- c. Remove one screw (callout 1), and then remove the DC controller (callout 2) together with the metal case (callout 3).

Figure 1-2852 Remove the DC controller and case



28. Remove the main drive assembly.

- a. Open the front door.

 **IMPORTANT:** The front door must remain open during removal and installation of the main drive assembly to prevent issues.

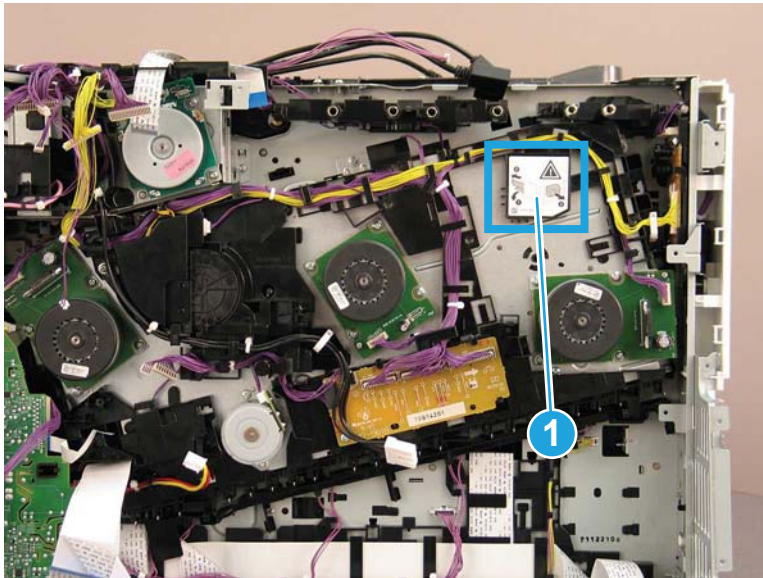
To prevent the front door from closing on its own, install one of the toner cartridges halfway.

Figure 1-2853 Open the front door



- b. Note the label (callout 1) on the main drive assembly indicating that the front door must be open and all toner cartridges and imaging drums removed before removing the main drive assembly.

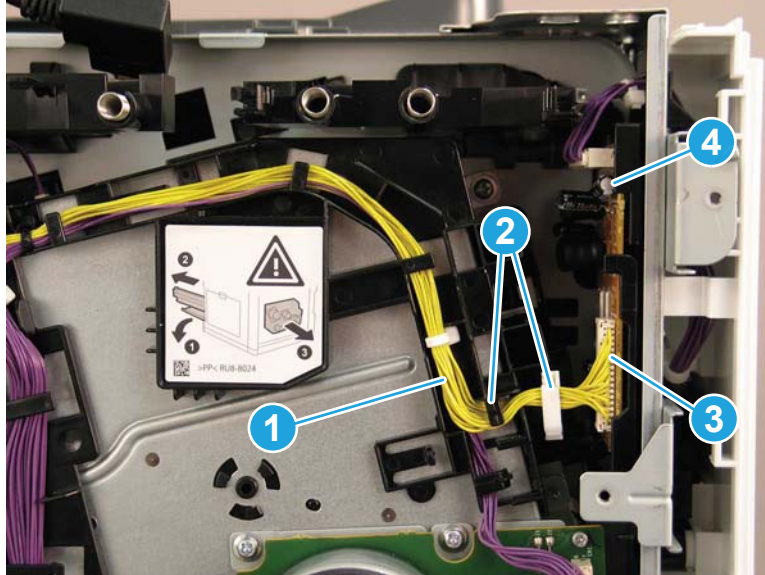
Figure 1-2854 Main drive assembly label



- c. Release the cable (callout 1) from the cable guide (callout 2), and then disconnect one connector (callout 3).

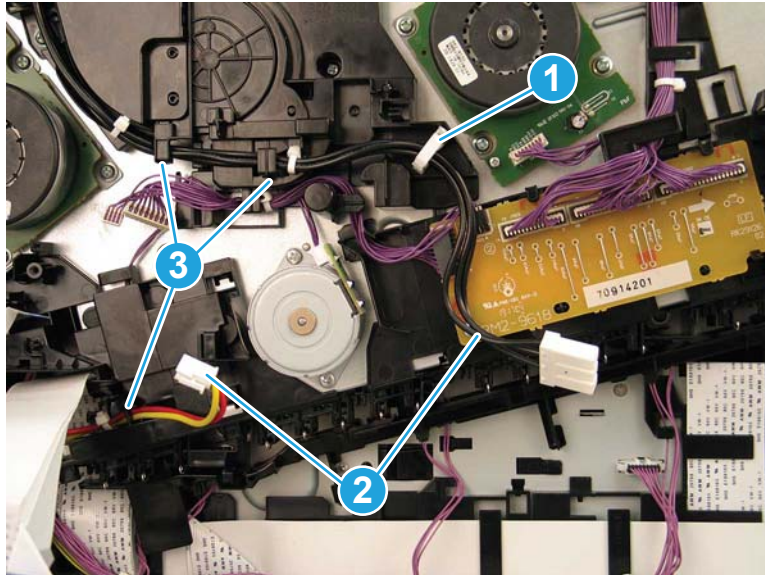
**⚠ CAUTION:** The capacitor on the PCA (callout 4) can rotate out and prevent the main drive assembly from reseating.

Figure 1-2855 Disconnect one connector



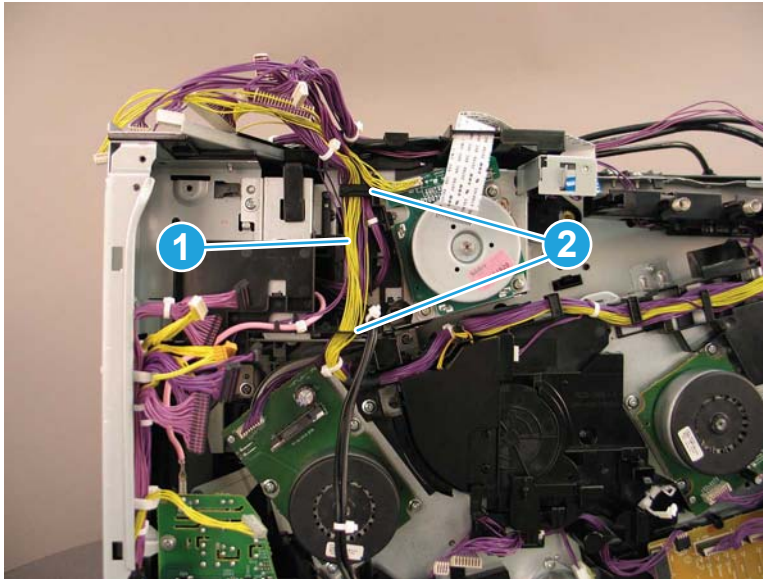
- d. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-2856 Release the cables from the guides



- e. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-2857 Release the cables from the guides

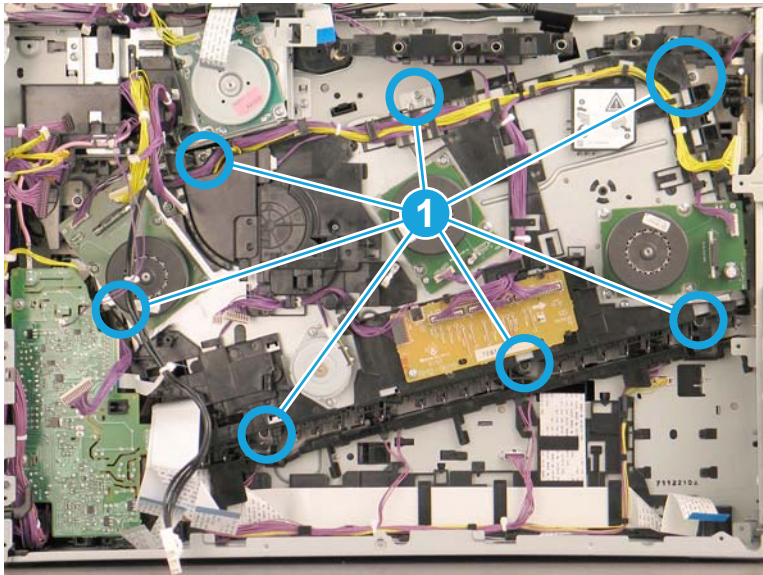


- f. Remove seven screws (callout 1), and then remove the main drive assembly.

 **NOTE:** When reinstalling the main drive assembly, make sure that the front door is open.

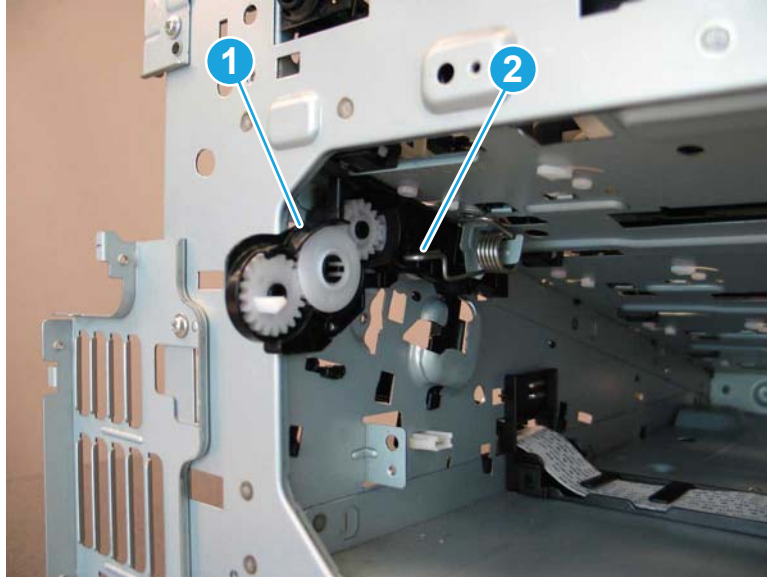
Partially reinstall one toner cartridge to prevent the front door from closing.

Figure 1-2858 Remove seven screws and the main drive assembly



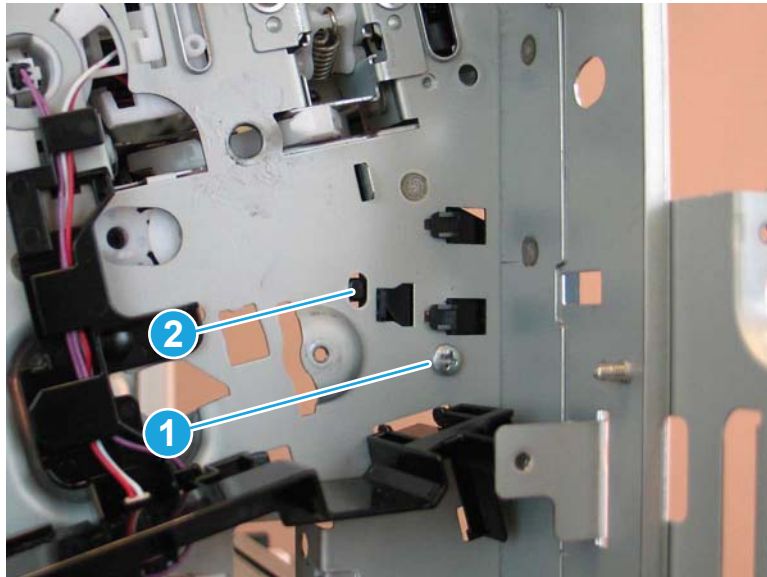
- 29. Remove the waste toner gear base assembly.
  - a. Locate the waste toner gear base assembly (callout 1), and then release the laser scanner spring (callout 2).

Figure 1-2859 Release the laser scanner spring



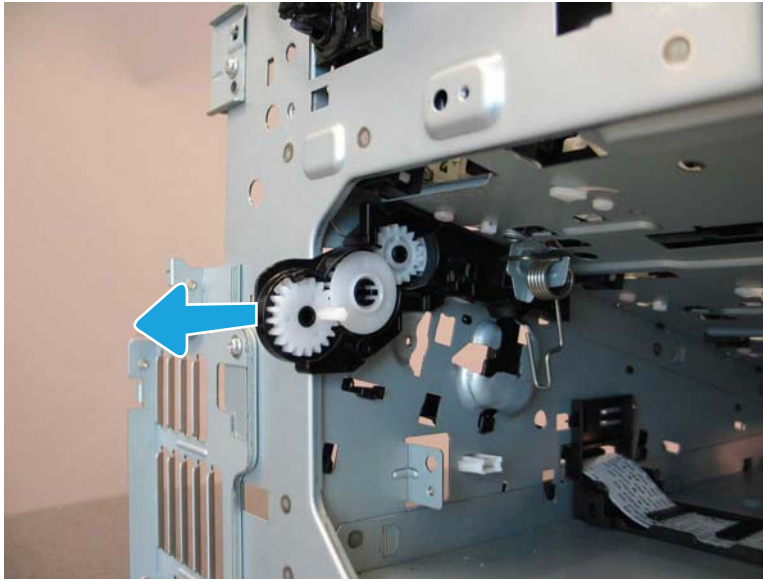
- b. At the back of the printer, remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-2860 Remove one screw and release one tab



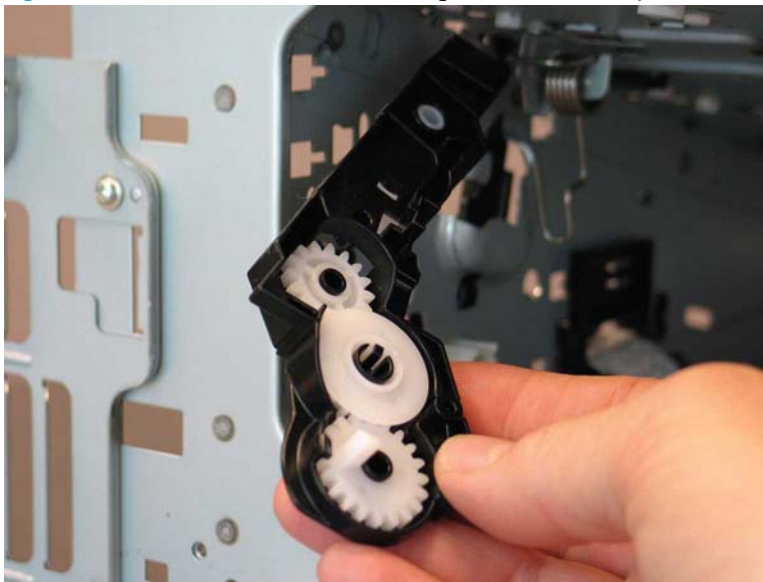
- c. Slide the waste toner gear base assembly away from the printer.

**Figure 1-2861** Slide the waste toner gear base assembly



- d. Remove the waste toner gear base assembly.

**Figure 1-2862** Remove the waste toner gear base assembly



- 30. Unpack the replacement assembly.
  - a. Dispose of the defective part.





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 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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- c. To install an assembly, reverse the removal steps.

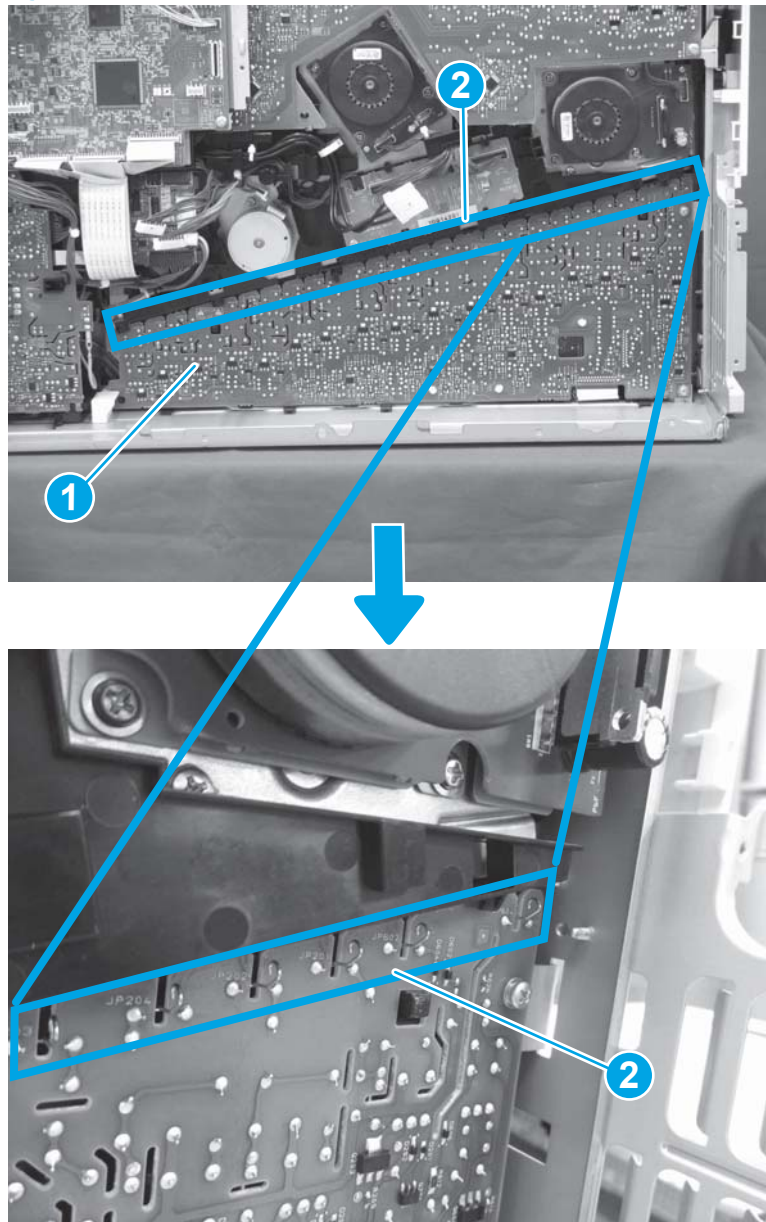
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

31. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the lower HVPS.

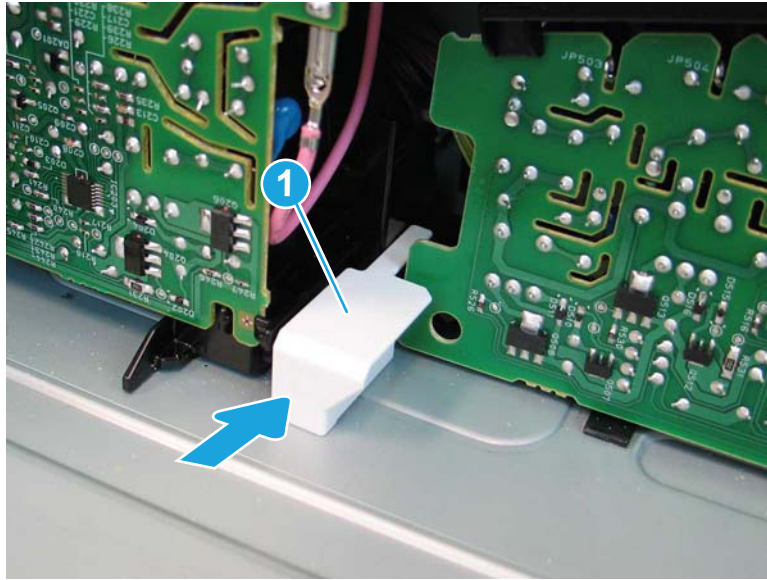
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-2863 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

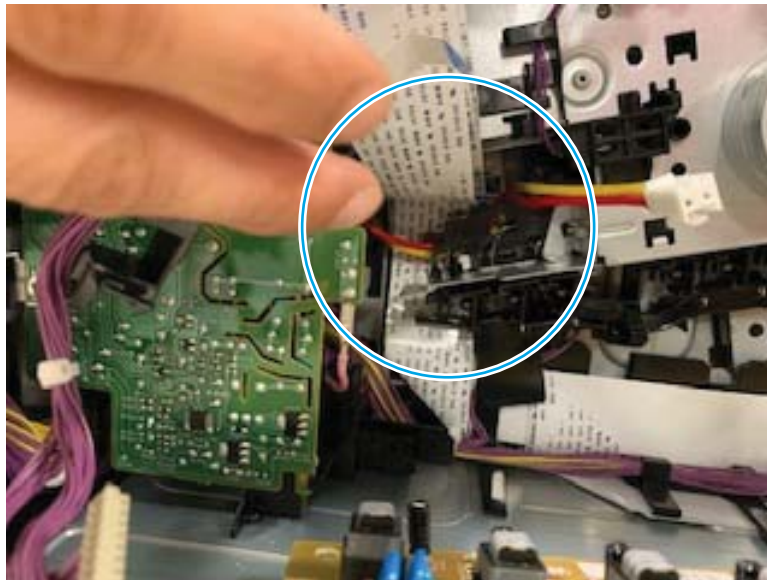
**Figure 1-2864** Install the stopper



#### Install the main drive assembly.

1. Route the red and yellow cables back into the main drive assembly guides prior to re-installation. This will prevent the cables from being pinched behind the main drive assembly.

**Figure 1-2865** Main drive wire harness



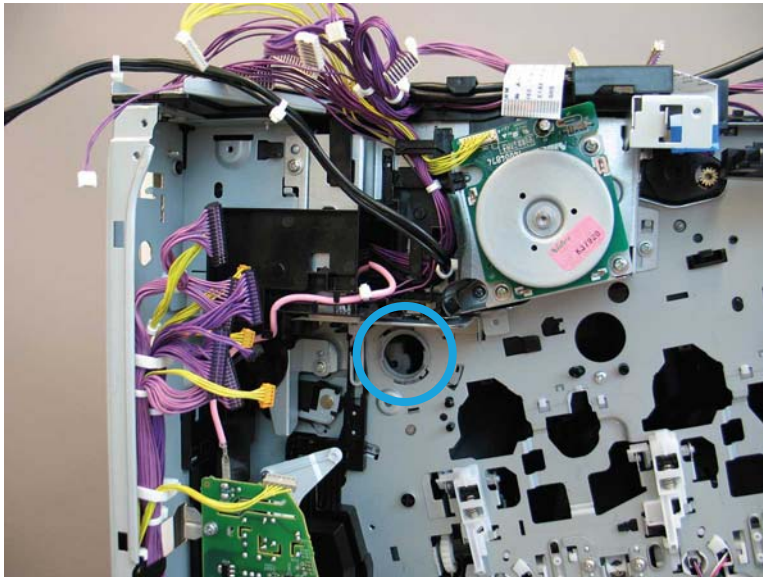
2. If the coupling estrangement cam falls off of the printer or is broken or lost in the process of removing the main drive assembly, follow these steps to reinstall it.

Figure 1-2866 Coupling estrangement cam



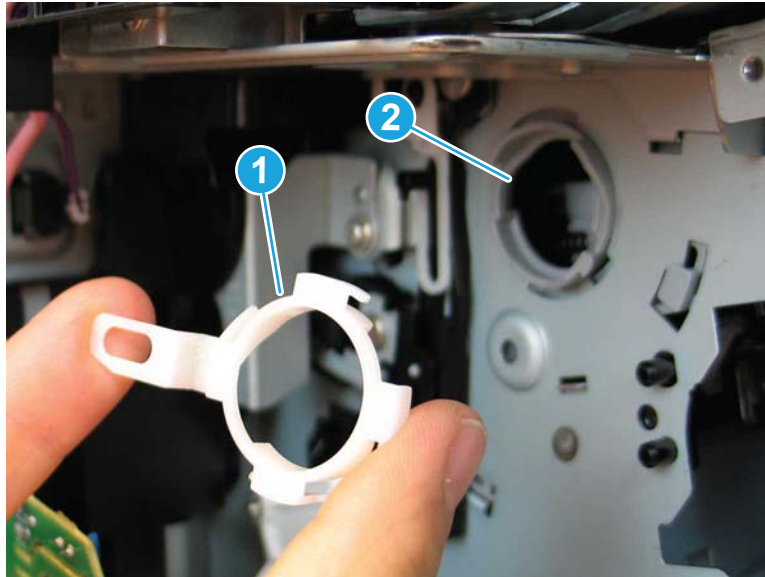
3. Note the location where the cam will be installed.

Figure 1-2867 Cam location



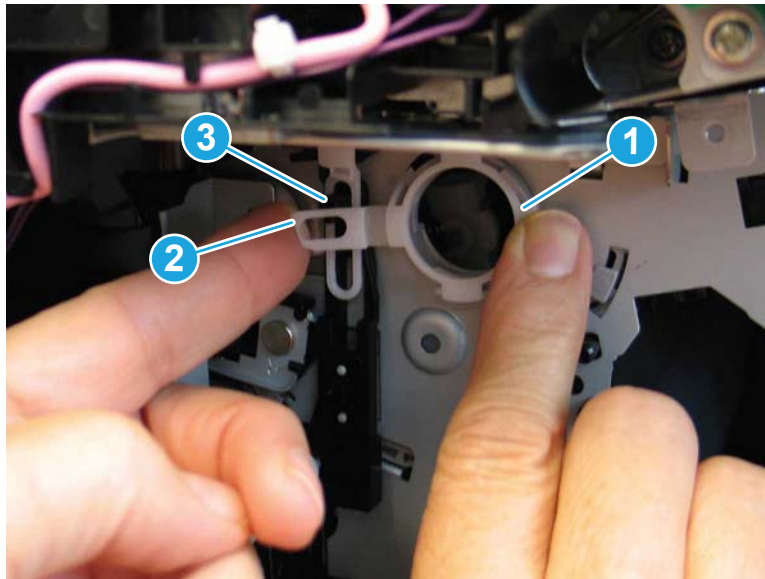
4. Position the cam (callout 1) over the gray ring (callout 2) on the printer. The tabs on the cam fit into openings on the gray ring.

Figure 1-2868 Position the cam



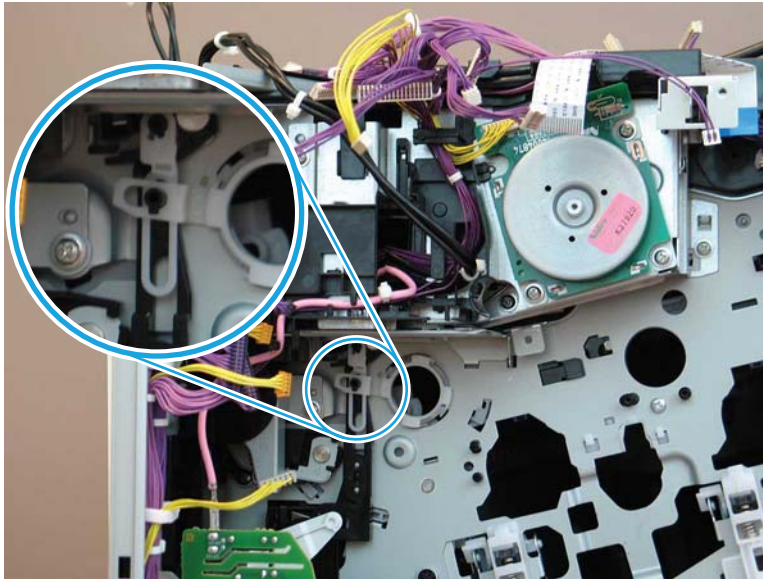
5. Hold the cam in position (callout 1), and then position the opening in the left side of the cam (callout 2) over the boss (callout 3) on the black link arm on the printer.

Figure 1-2869 Install the cam



- When installed correctly, the cam engages with the black link arm on the printer.

Figure 1-2870 Cam correctly installed



### Removal and replacement: Waste toner gear base assembly (M776zs)

Learn how to remove and replace the waste toner gear base assembly.

Mean time to repair: 45 minutes

Service level: Difficult

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-133 Part information

Part number	Part description
RM2-1364-000CN	Waste toner gear base assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page to make sure that the printer is functioning correctly.

1. Remove the toner cartridges.
  - ▲ Open the front door, if it is not already open. Grasp the handle of the toner cartridge and pull out to remove it. Repeat the process for the remaining toner cartridges.

**Figure 1-2871** Remove the toner cartridge



2. Remove the imaging drums.
  - a. Open the front door, if it is not already open. Rotate the blue lever in front of the imaging drum to the left.

Figure 1-2872 Rotate the blue lever



- b. Grasp the handle of the imaging drum and pull out to remove it. Repeat the process for the remaining imaging drums.

Figure 1-2873 Remove the imaging drum



3. Remove the TCU.
  - ▲ Open the front door, and then open the left door. Grasp the front of the toner-collection unit, and then remove it from the printer.



Figure 1-2874 Remove the TCU



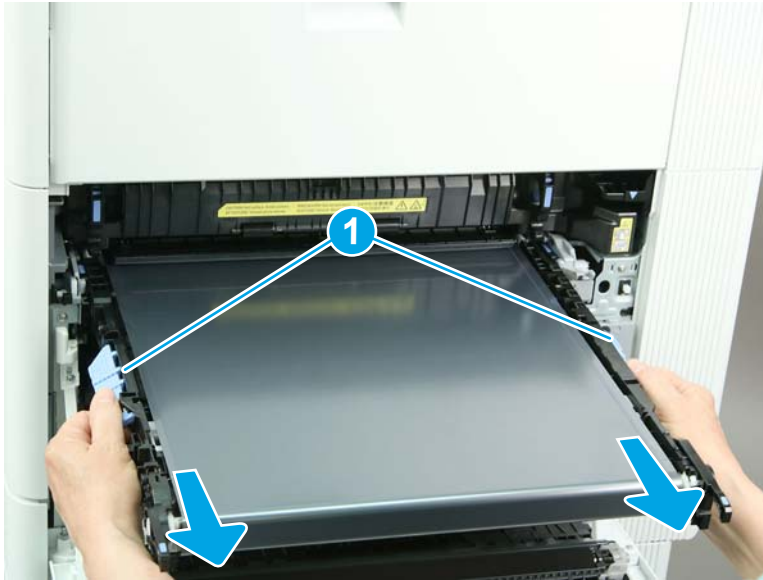
4. Remove the intermediate transfer belt (ITB).
  - a. Open the right door. Grasp the two blue handles on the ITB, and then pull the ITB partially out of the printer.

Figure 1-2875 Partially remove the ITB



- b. Grasp the blue handles on the side of the ITB (callout 1), and then remove the ITB from the printer.

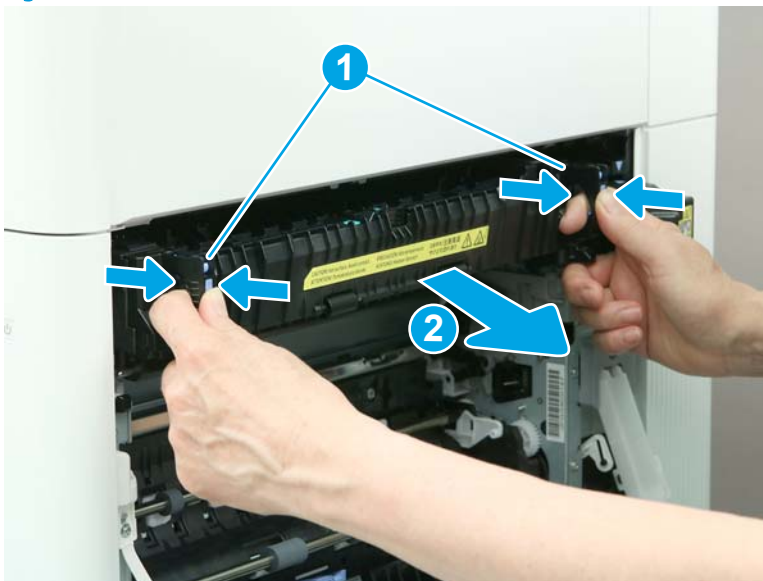
Figure 1-2876 Remove the ITB



5. Remove the fuser.

- ▲ Grasp the fuser handles, and then squeeze the release levers (callout 1). Lift up slightly, and then pull straight out to remove the fuser (callout 2).

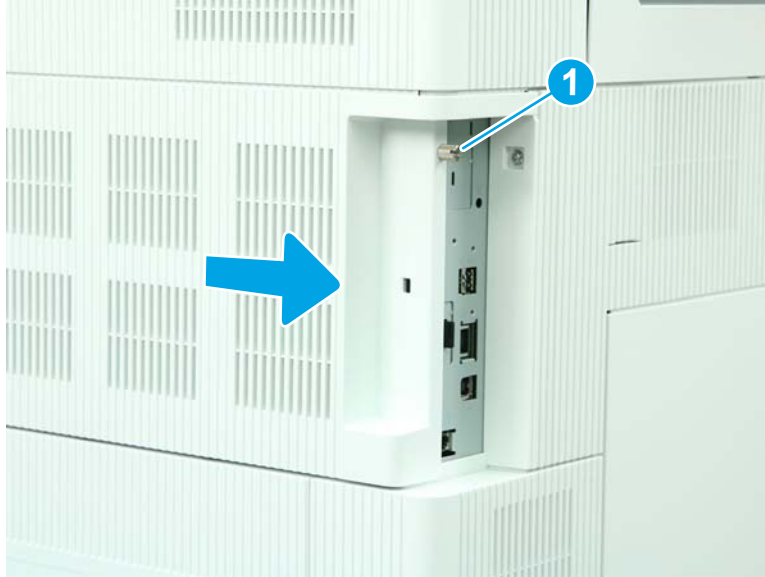
Figure 1-2877



6. Remove the formatter cover.

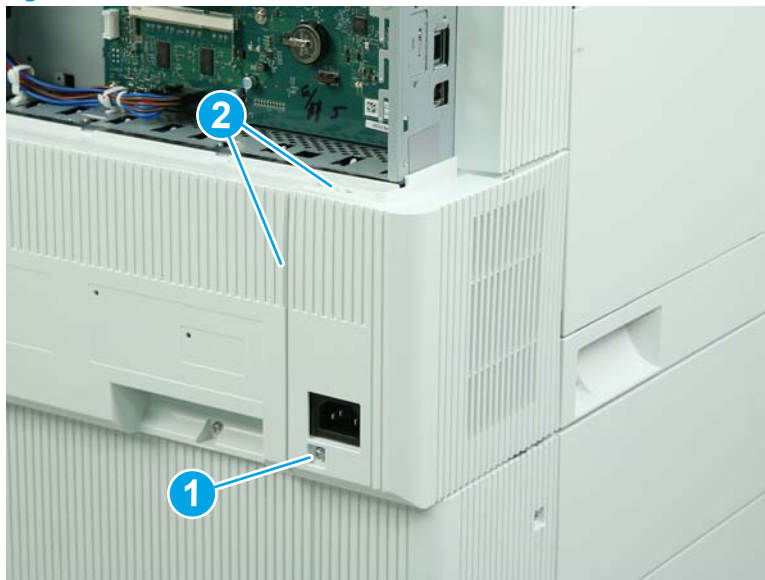
- ▲ Loosen one thumbscrew (callout 1), and then slide the formatter cover (callout 2) away from the printer to remove it.

Figure 1-2878 Remove the formatter cover



7. Remove the left lower cover (M856/E85055/M776).
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

Figure 1-2879 Remove one screw and release two tabs



- b. Rotate the cover away from the printer to remove it.

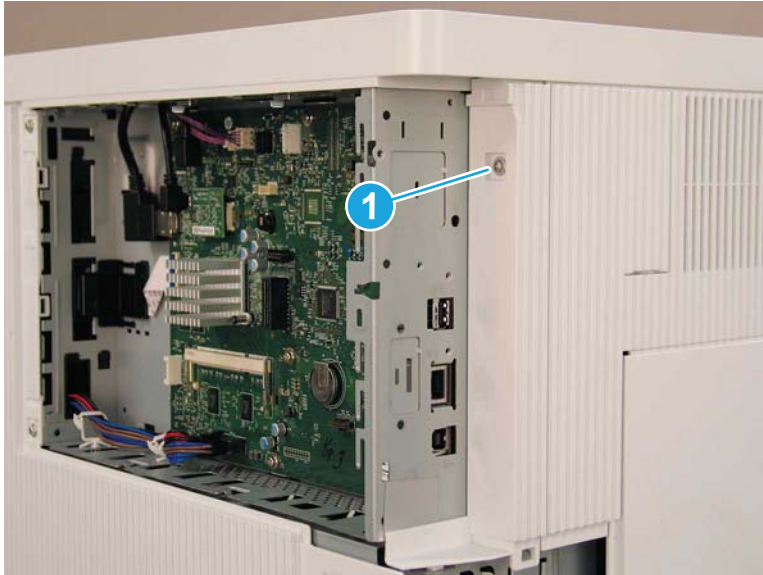
Figure 1-2880 Remove the left lower cover



- 8. Remove the left rear cover (M751/E75245/M856/E85055/M776).

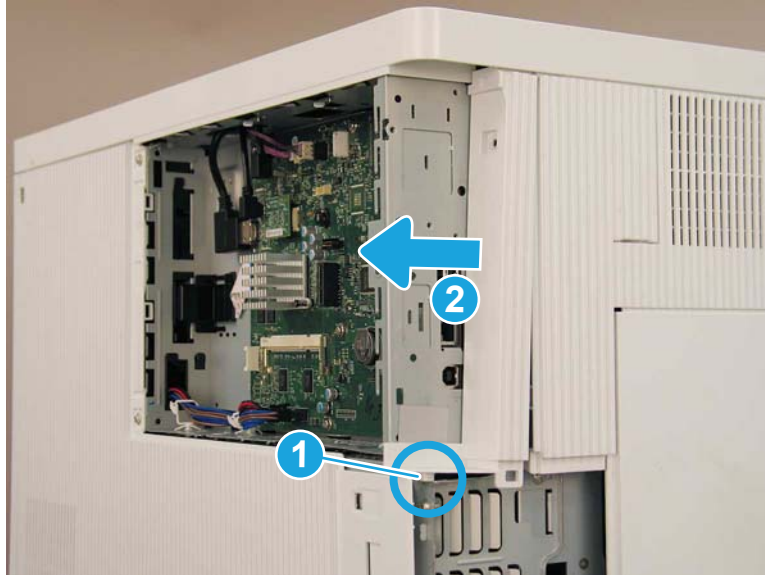
- a. Remove one screw (callout 1).

Figure 1-2881 Remove one screw



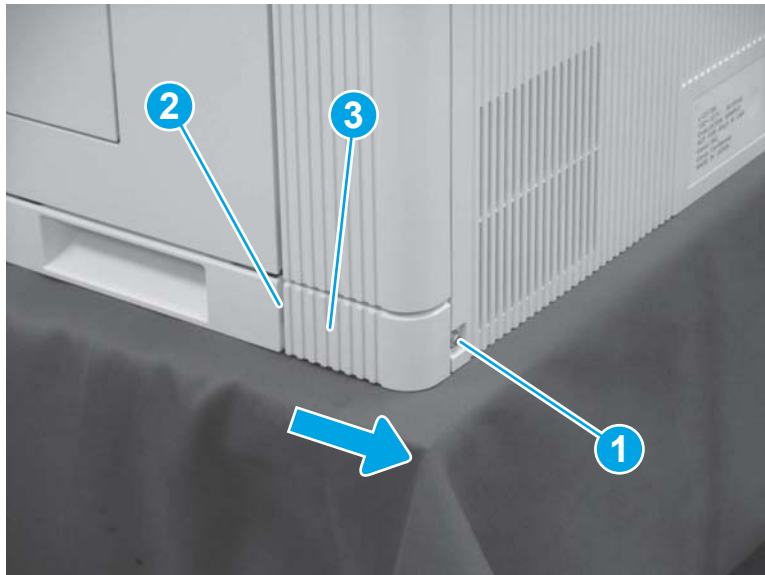
- b. Release one boss (callout 1), and then slide the cover toward the back of the printer (callout 2) to remove it.

**Figure 1-2882** Remove the left rear cover



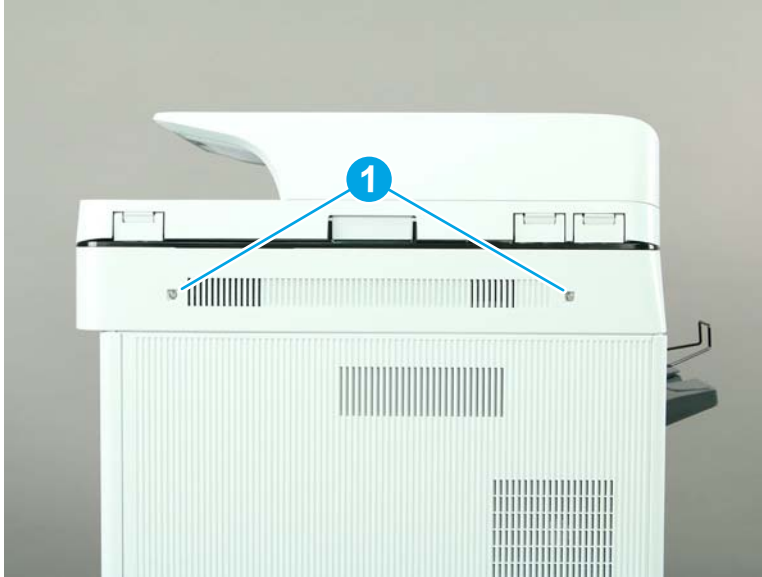
9. Remove the right rear lower cover (M751/E75245/M856/E85055/M776).
  - ▲ Remove one screw (callout 1), release one tab (callout 2), and then slide the right rear lower cover (callout 3) toward the back of the printer to remove it.

**Figure 1-2883** Remove the right rear lower cover



10. Remove the scanner control board (SCB) cover (M776).
  - a. Remove two screws (callout 1).

Figure 1-2884 Remove two screws



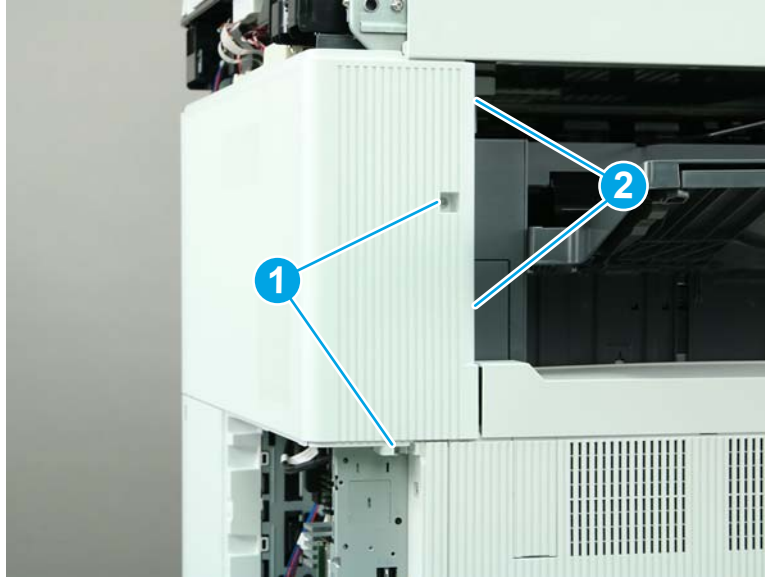
- b. Remove the SCB cover.

Figure 1-2885 Remove the SCB cover



- 11. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2886** Remove two screws and release two tabs



- b. Slide the cover to the right to remove it.

**Figure 1-2887** Remove the rear upper and left rear upper cover



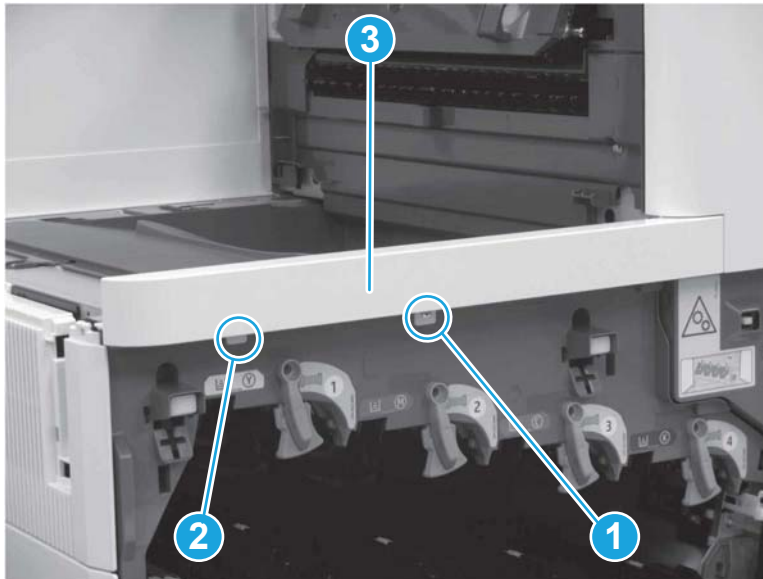
- 12. Remove the front cover (M776zs).
  - a. Open the front door.

Figure 1-2888 Open the front door



- b. Remove one screw (callout 1), release one tab (callout 2), and then remove the front cover (callout 3).

Figure 1-2889 Remove the front cover



- 13. Remove the control panel (M776).
  - a. Rotate the control panel to the fully raised position (callout 1), and then raise the document feeder (callout 2).



Figure 1-2890 Raise the control panel and document feeder



- b. Beginning at the right side of the control-panel cover, carefully release five tabs along the top edge of the cover.

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 **NOTE:** The thin black-plastic cover will separate from the white-plastic control-panel base.

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Figure 1-2891 Release the control panel cover



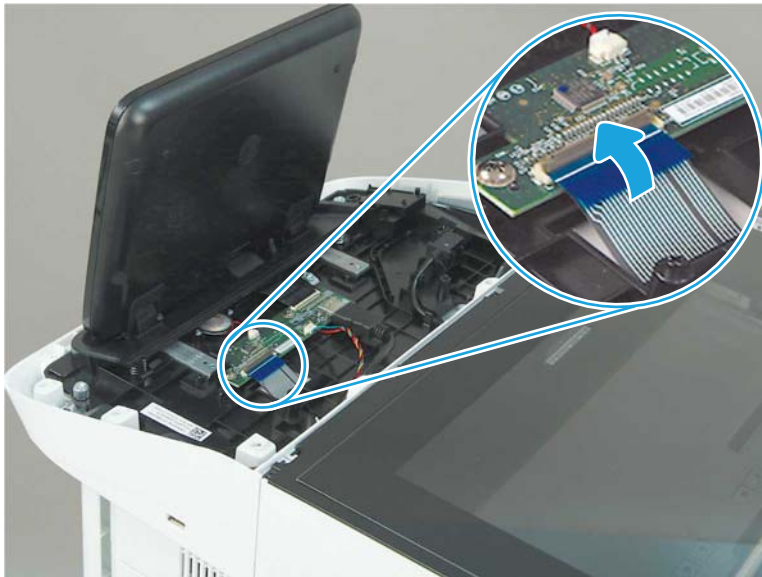
- c. Rotate the control panel cover slightly forward (callout 1), and then lift up to remove the cover (callout 2).

Figure 1-2892 Remove the control panel cover



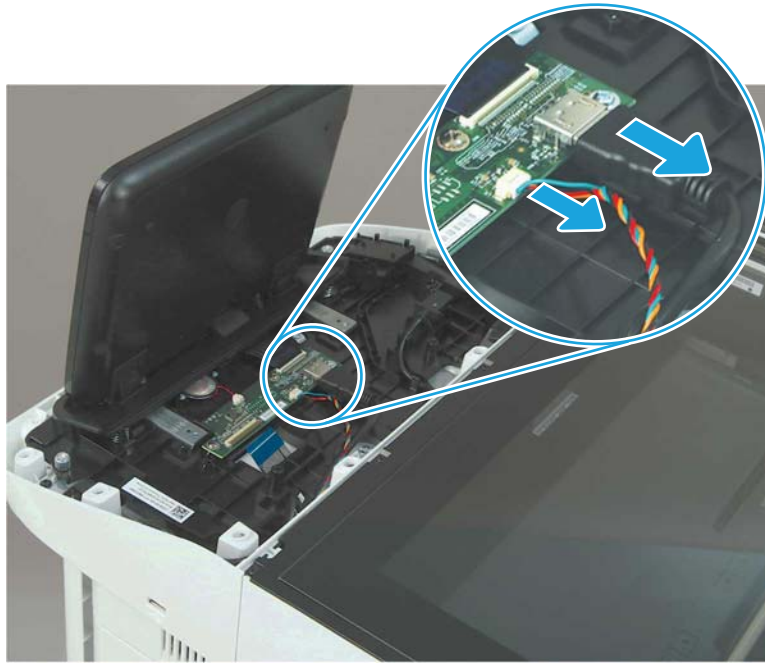
- d. **M776z or M776zs only:** Open the connector latch to release the keyboard flat cable.

Figure 1-2893 Release the keyboard flat cable (M776z/M776zs)



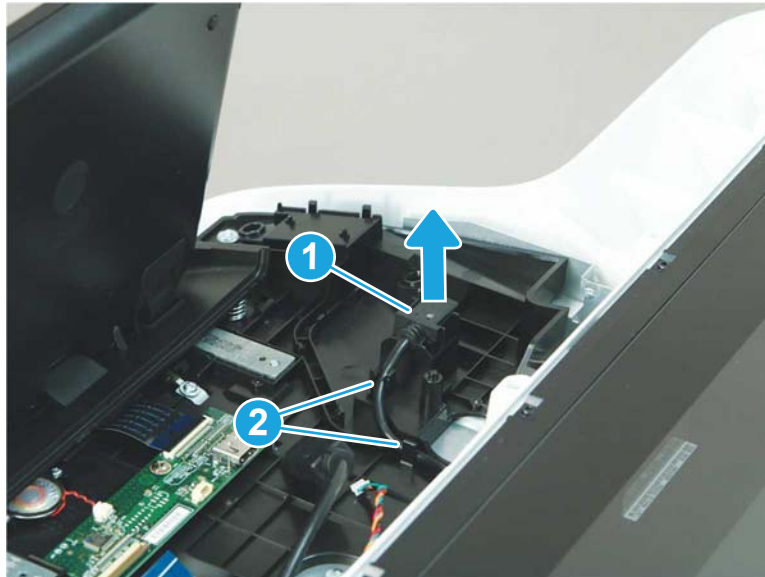
- e. Disconnect two connectors

Figure 1-2894 Disconnect two connectors



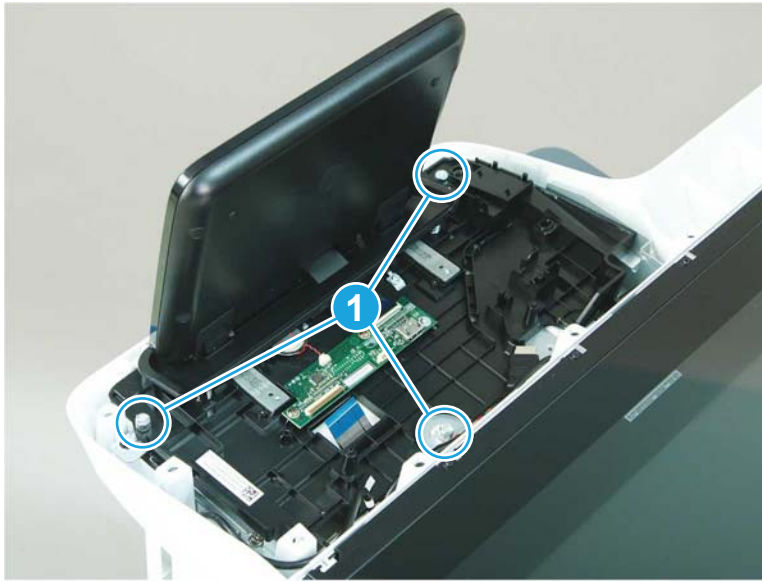
- f. Remove the USB cable (callout 1) from the holder, and then release the cable from two retainers (callout 2).

Figure 1-2895 Release the USB cable



- g. Remove three screws (callout 1).

Figure 1-2896 Remove three screws



- h. Lift the front of the control panel off of the printer (callout 1), and then slide it towards the front of the printer (callout 2) to remove it.

Figure 1-2897 Remove the control panel



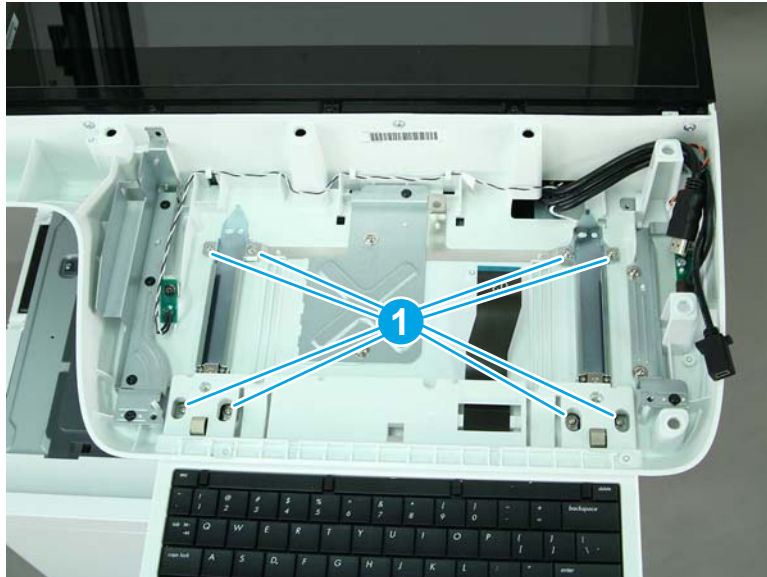
- 14. Remove the keyboard (M776z/M776zs).
  - a. Pull the keyboard out to its extended position.

Figure 1-2898 Pull the keyboard out



- b. Remove eight screws (callout 1).

Figure 1-2899 Remove eight screws



- c. Remove the keyboard and rails.

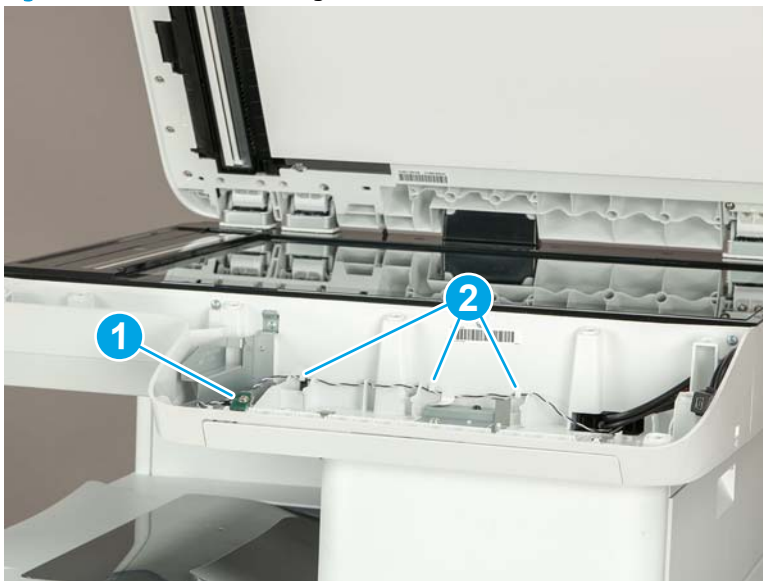
Figure 1-2900 Remove the keyboard and rails



- 15. Remove the nose cone (M776).

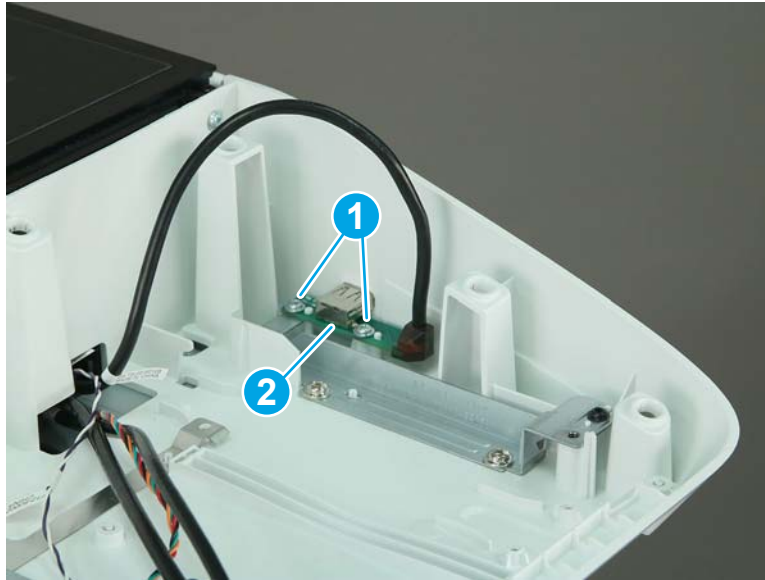
- a. Remove one screw (callout 1) to release the light PCA. Release the cable from three retainers (callout 2), and then move the light PCA out of the way.

Figure 1-2901 Release the light PCA



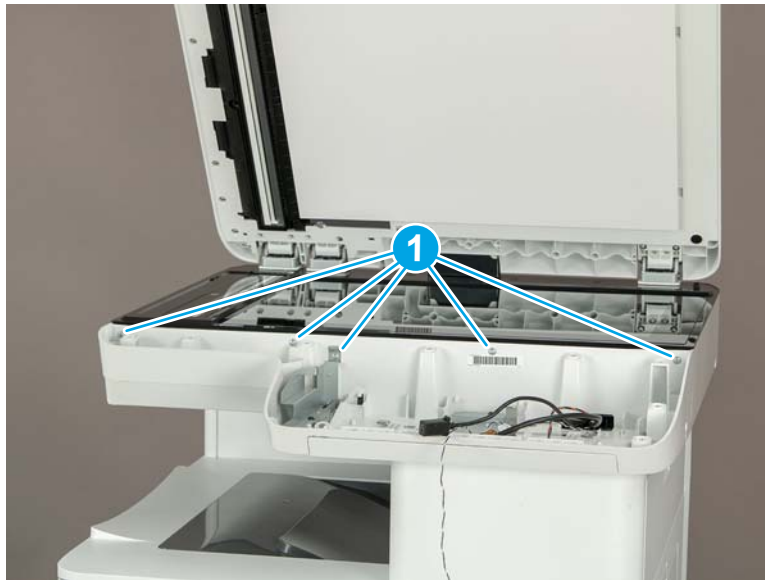
- b. Remove two screws (callout 1), and then move the USB port PCA (callout 2) out of the way.

Figure 1-2902 Release the USB port PCA



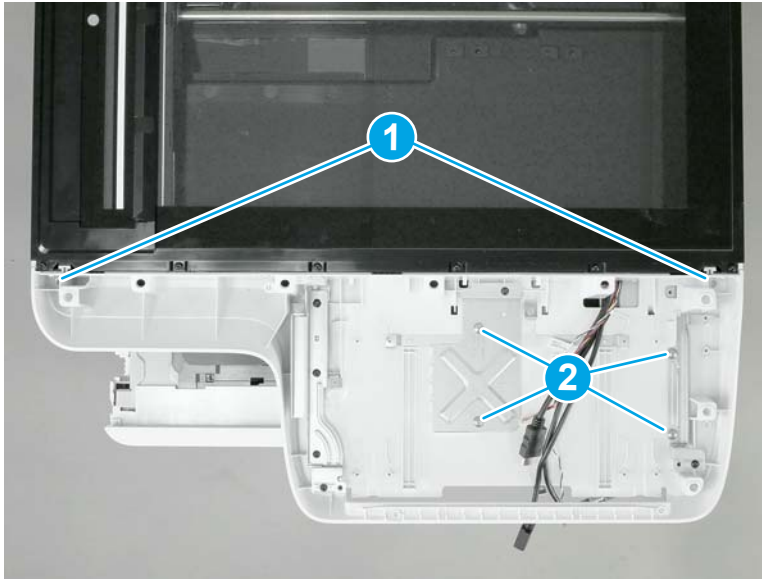
- c. Remove five screws (callout 1).

Figure 1-2903 Remove four screws



- d. Remove two small, self-tapping screws (callout 1), and then remove four larger machine screws (callout 2).

Figure 1-2904 Remove six screws



- e. Lift the nose cone up and off of the printer to remove it.


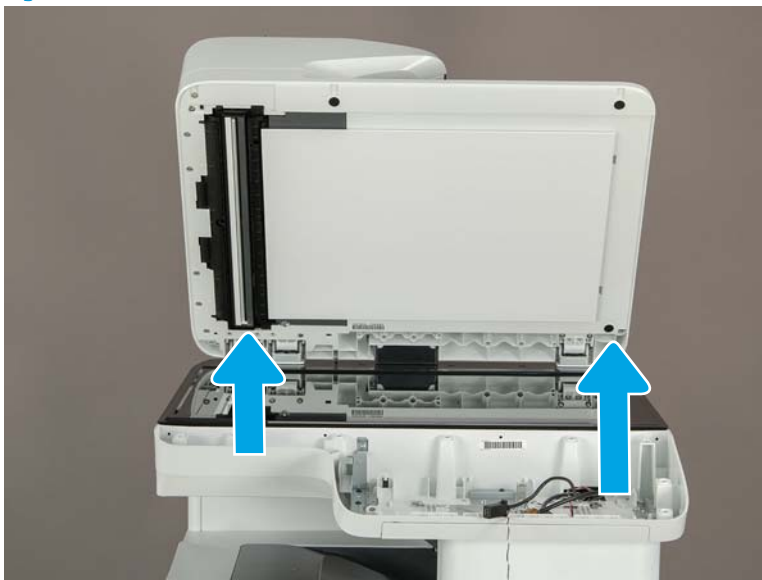
 **NOTE:** Pass the wire harnesses and cables through the opening in the nose cone when removing it.

Figure 1-2905 Remove the nose cone

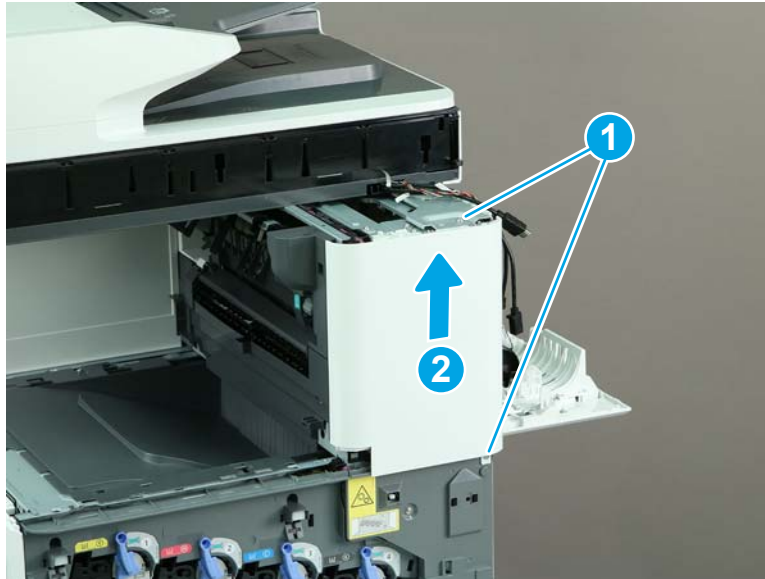


16. Remove the right front cover (M776zs).

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then slide the right front cover up (callout 2) to remove it.



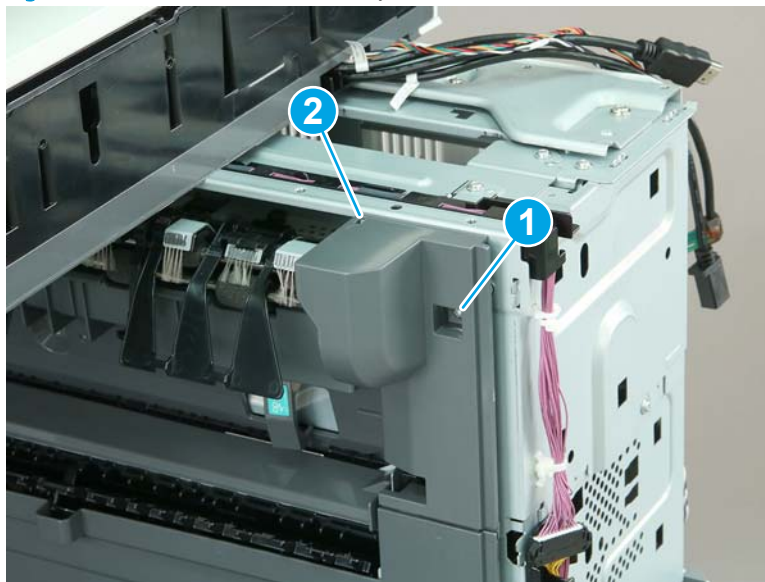
Figure 1-2906 Remove the right front cover



17. Remove the delivery front cover (M776zs).

- ▲ Remove one screw (callout 1), and then remove the delivery front cover (callout 2).

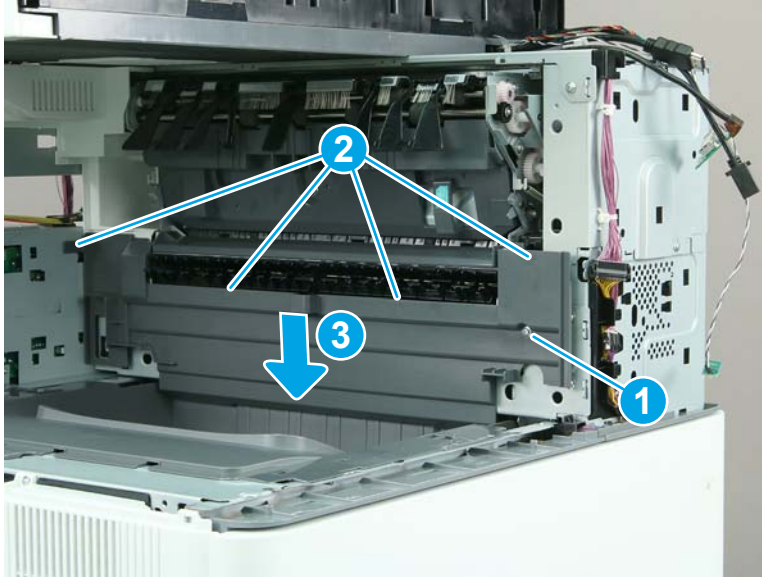
Figure 1-2907 Remove the delivery front cover



18. Remove the delivery cover (M776zs).

- ▲ Remove one screw (callout 1), release four tabs (callout 2), and then slide the delivery cover down (callout 3) to remove it.

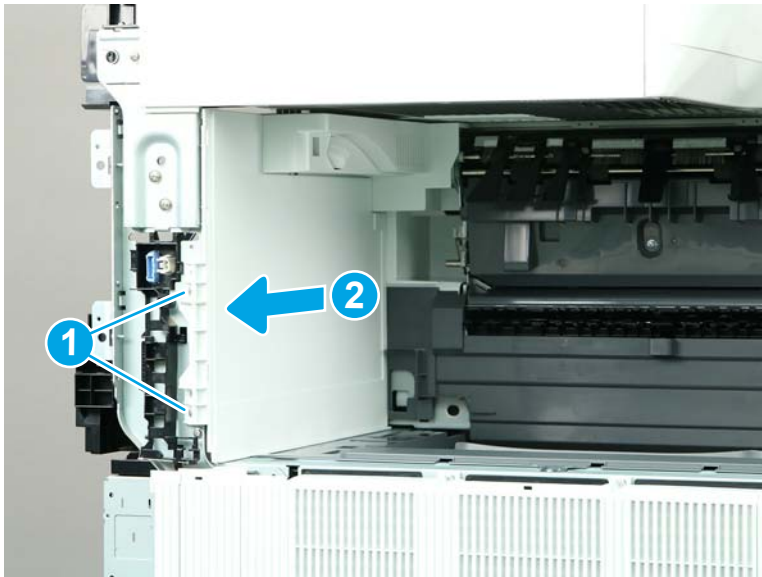
Figure 1-2908 Remove the delivery cover



19. Remove the main cover (M776zs).

- ▲ Remove two screws (callout 1), and then slide the main cover away from the printer to remove it (callout 2).

Figure 1-2909 Remove the main cover

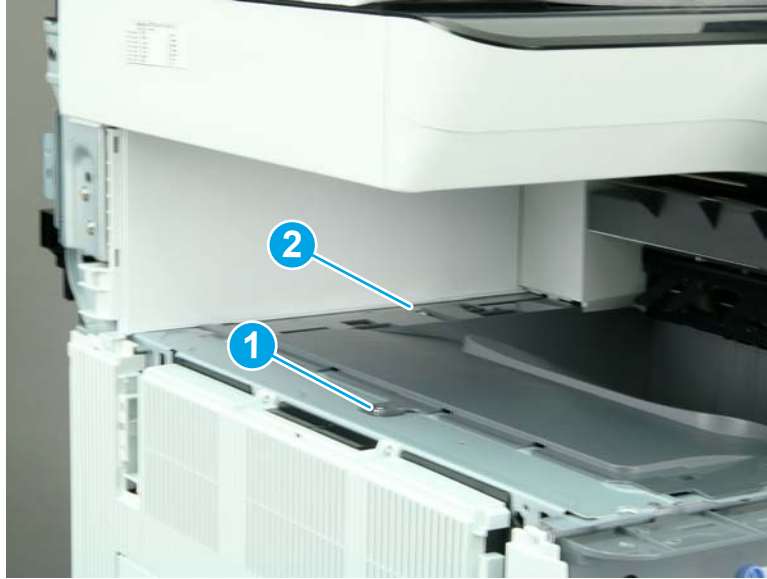


20. Remove the output bin (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- a. Remove one washer-head machine screw (callout 1), remove one self-tapping screw (callout 2).

Figure 1-2910 Remove two screws



- b. Remove the output bin.

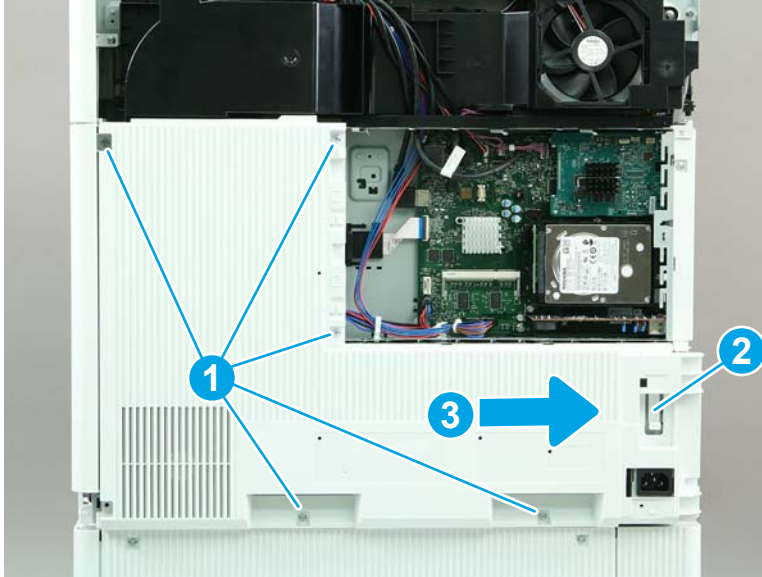
Figure 1-2911 Remove the output bin



21. Remove the rear cover (M856/E85055/M776).

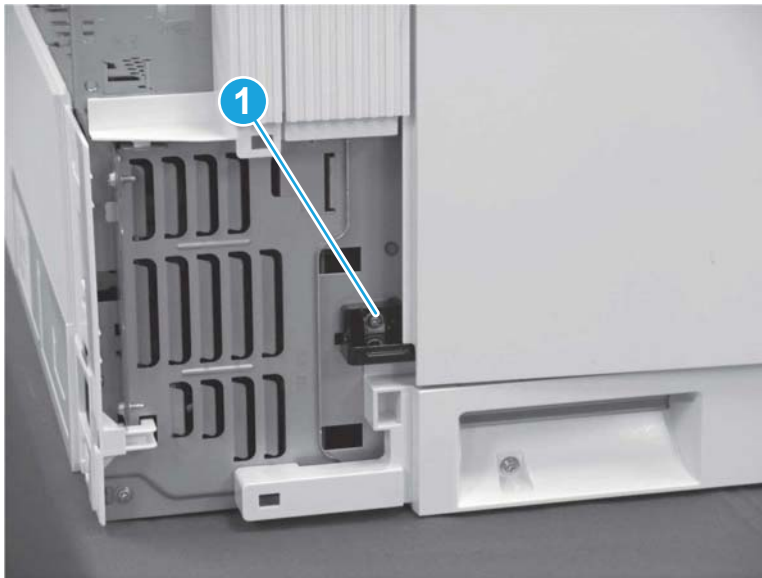
- ▲ Remove five screws (callout 1), release one tab (callout 2), and then slide the rear cover to the right to remove it.

Figure 1-2912 Remove the rear cover (M856/E85055/M776)



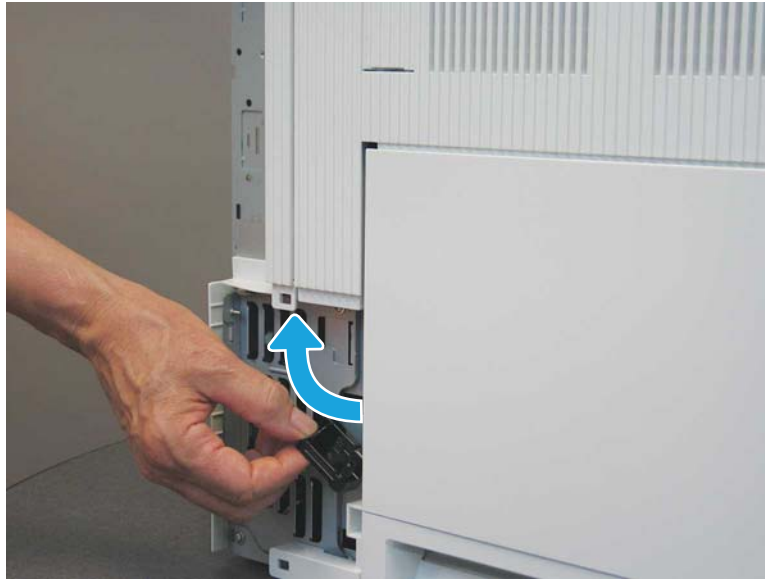
- 22. Remove the left door.
  - a. Remove one screw (callout 1).

Figure 1-2913 Remove one screw



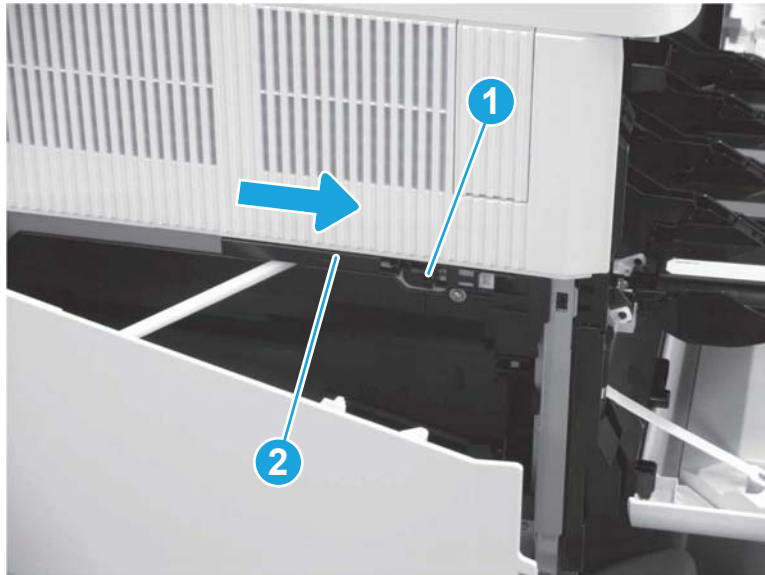
- b. Release the holder, and then remove it from the printer.

Figure 1-2914 Remove the holder



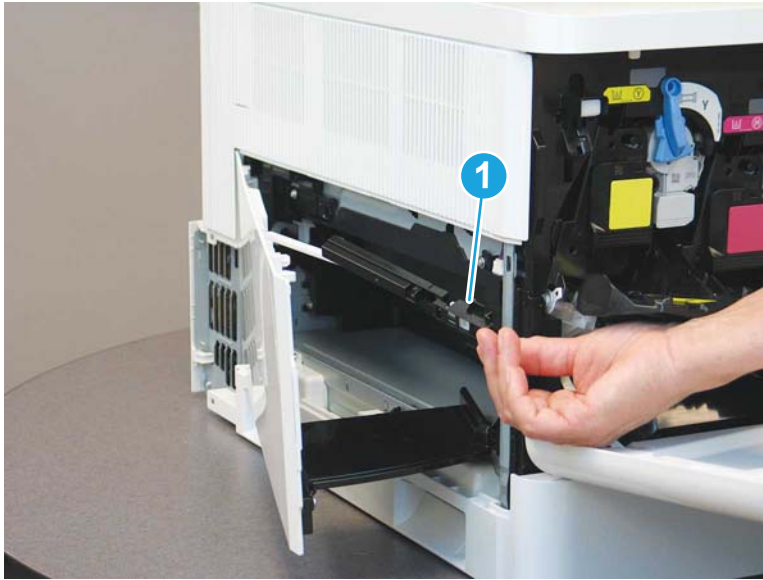
- c. Open the left door, and release one tab (callout 1). Slide the holder (callout 2) toward the front of the printer.

Figure 1-2915 Slide the holder



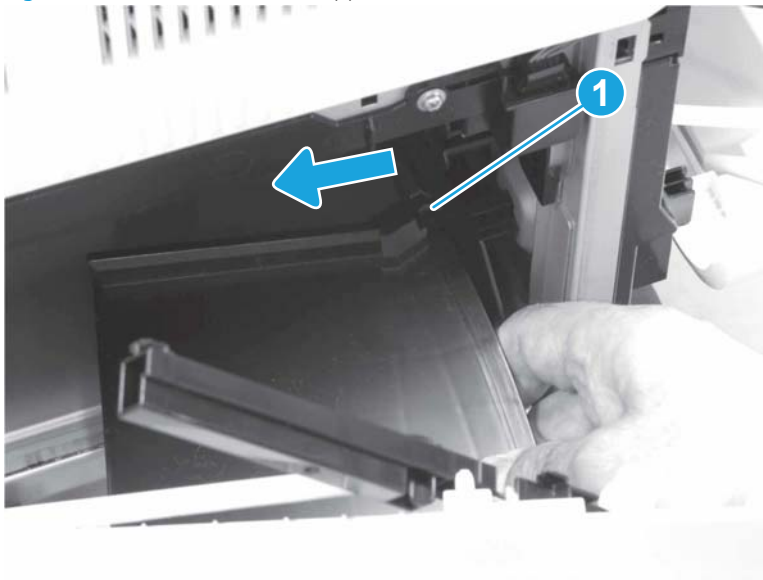
- d. Release the holder (callout 1) from the printer, but leave it attached to the hinge.

Figure 1-2916 Release the holder



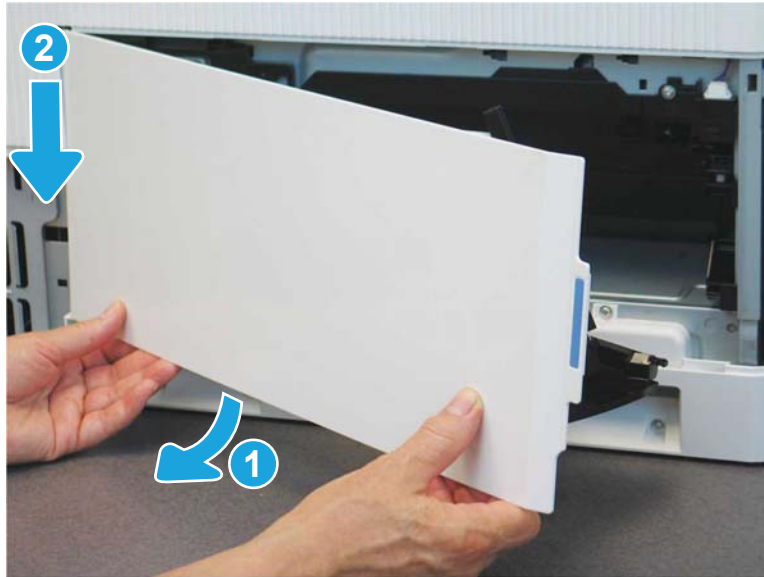
- e. Press the stopper (callout 1) on the bottom of the door to the left to release it from the track.

Figure 1-2917 Release the stopper



- f. Rotate the left, lower edge of the door away from the printer (callout 1), and then lower the door to remove it (callout 2).

Figure 1-2918 Remove the left door

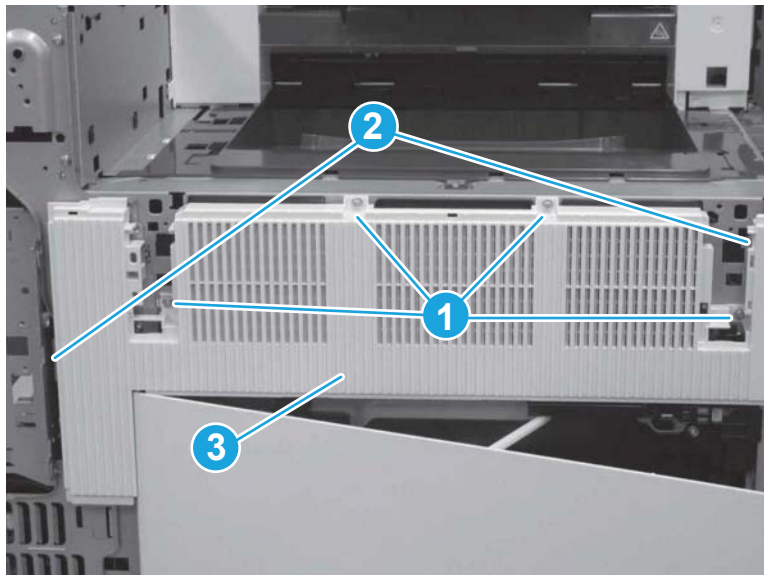


- 23. Remove the left upper cover (M856/E85055/M776).

 **NOTE:** The following figures show the M776z printer. The procedure is correct for all referenced models.

- ▲ Remove four screws (callout 1), release two tabs (callout 2), and then remove the left upper cover (callout 3).

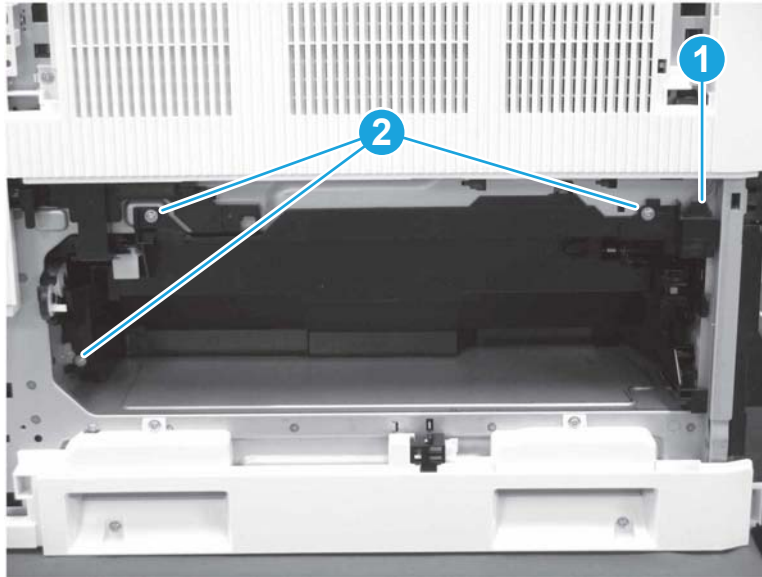
Figure 1-2919 Remove the left upper cover



- 24. Remove the scanner cover.

- a. Disconnect one connector (callout 1), and then remove three screws (callout 2).

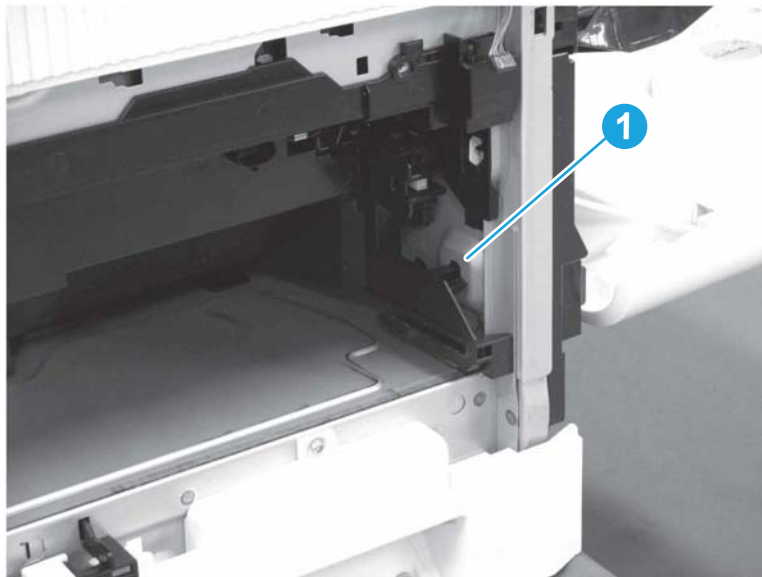
Figure 1-2920 Disconnect one connector and remove three screws



 **Reinstallation tip:** Connect the connector before reinstalling the screws.

- b. Release one tab (callout 1), and then flex the scanner cover to remove it.

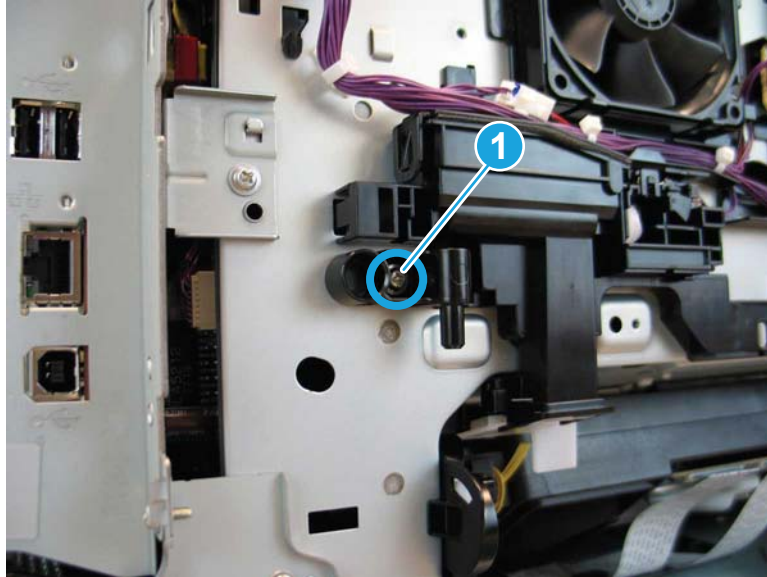
Figure 1-2921 Remove the scanner cover



- 25. Remove the secondary auger.
  - a. Remove one screw (callout 1).

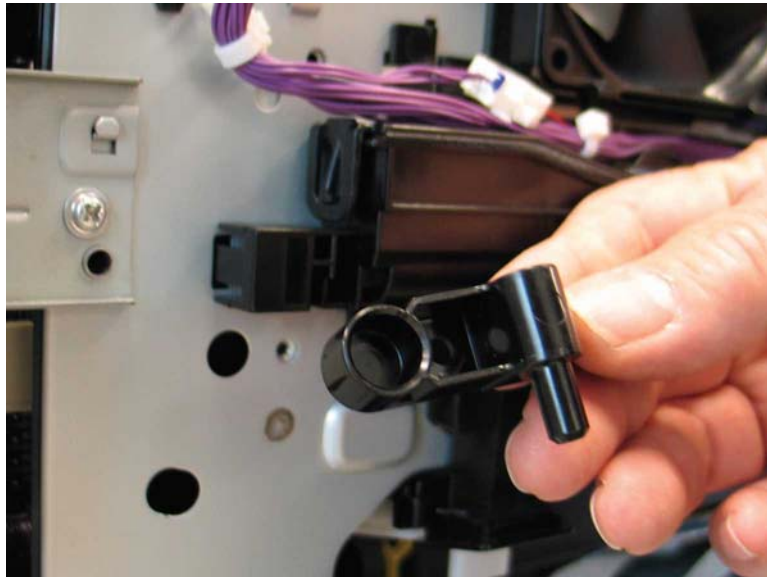


Figure 1-2922 Remove one screws



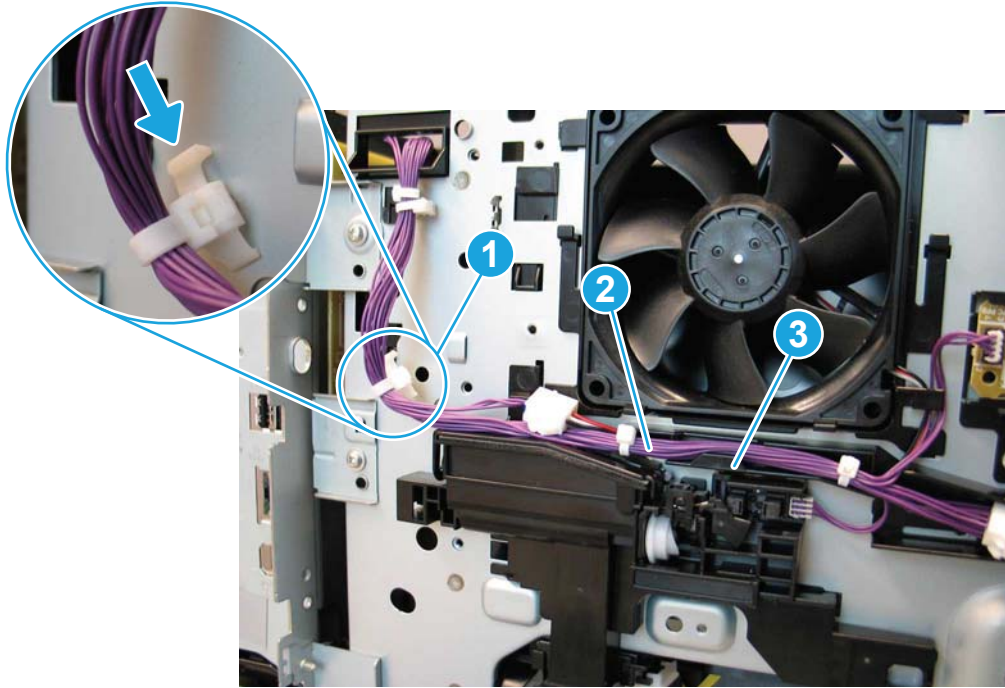
- b. Remove the left door upper hinge.

Figure 1-2923 Remove the left door upper hinge



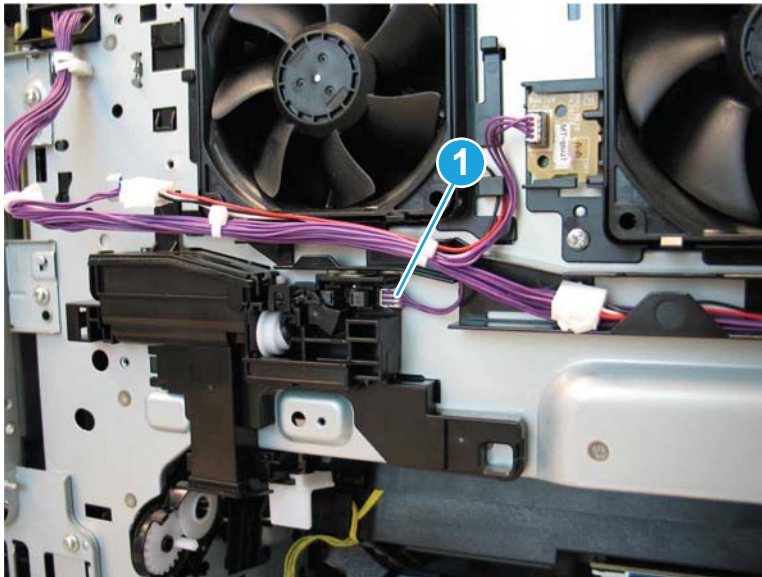
- c. Press the latch to release one retainer (callout 1) from the sheet metal. Remove the wire harness (callout 2) from the guides (callout 3).

Figure 1-2924 Release the wire harness from the guides



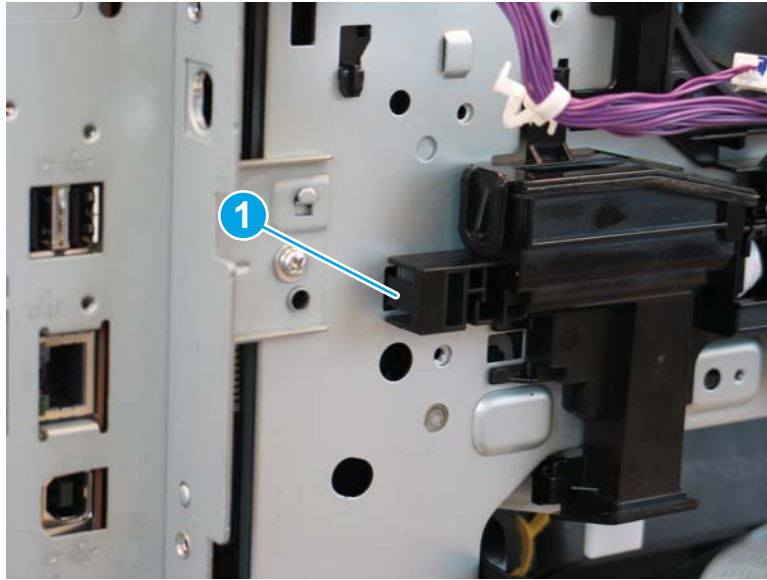
- d. Disconnect one connector (callout 1).

Figure 1-2925 Disconnect one connector



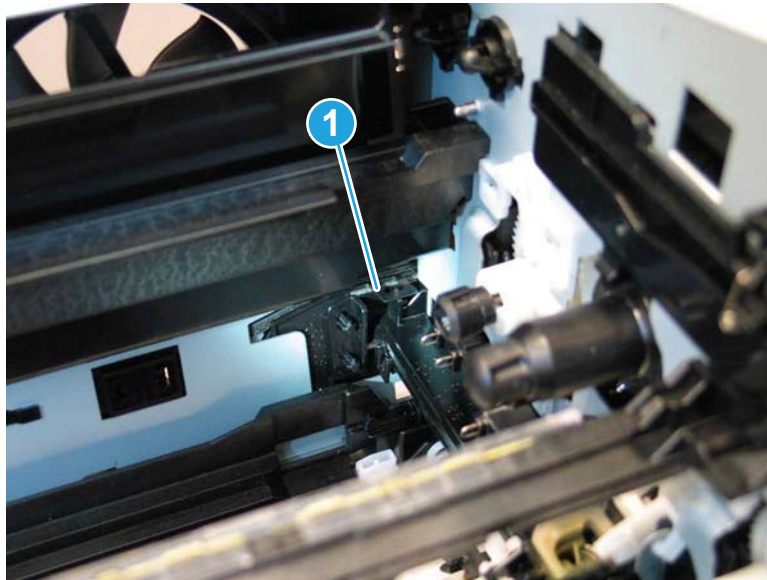
- e. Release one tab (callout 1).

Figure 1-2926 Release one tab



- f. Inside the printer, release one tab that connects to the primary auger (callout 1).

Figure 1-2927 Release one tab




- g. Remove the secondary auger assembly.

Figure 1-2928 Remove the secondary auger assembly



- 26. Remove the laser scanner.

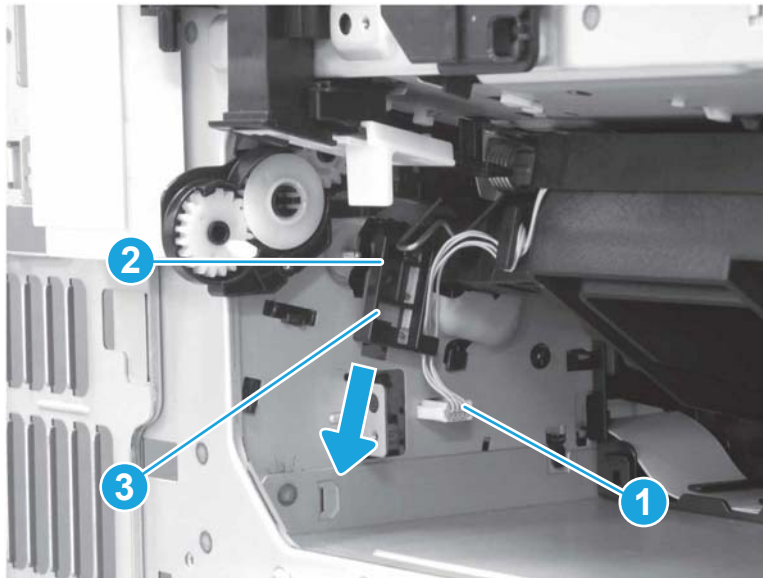
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 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

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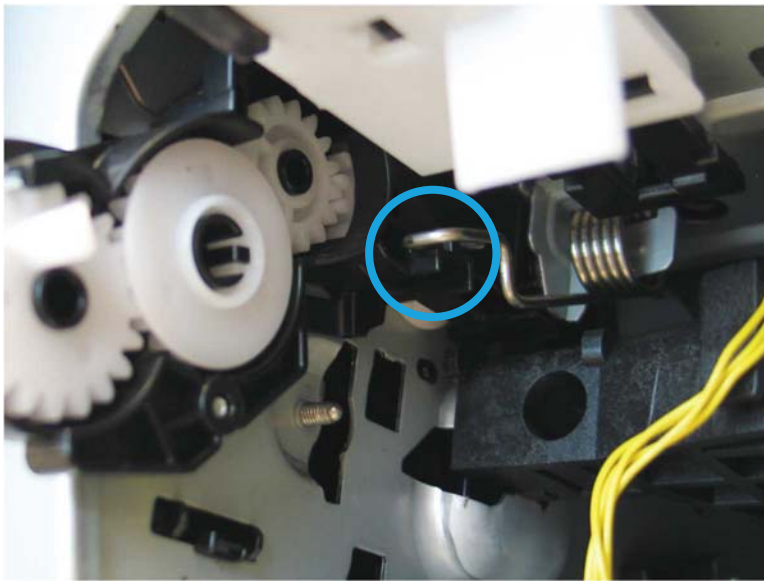
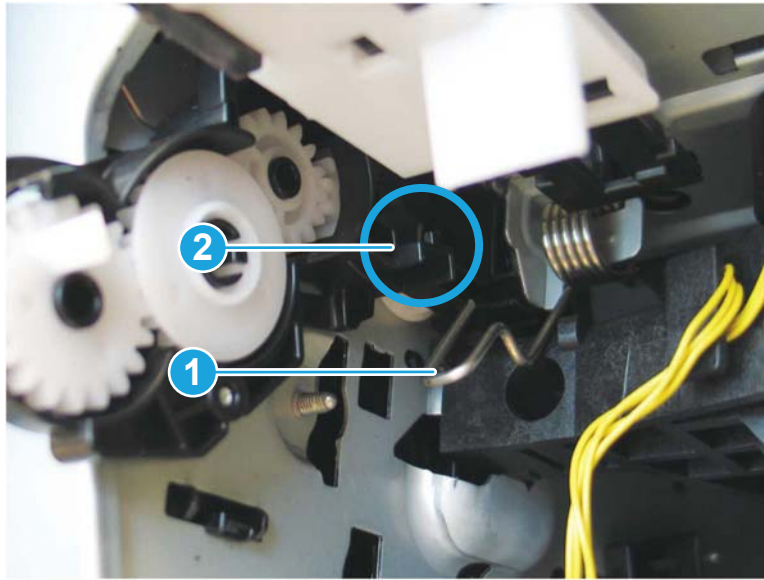
- a. Disconnect one connector (callout 1), release one tab (callout 2), and then slide the stopper (callout 3) down to remove it.


Figure 1-2929 Remove the stopper

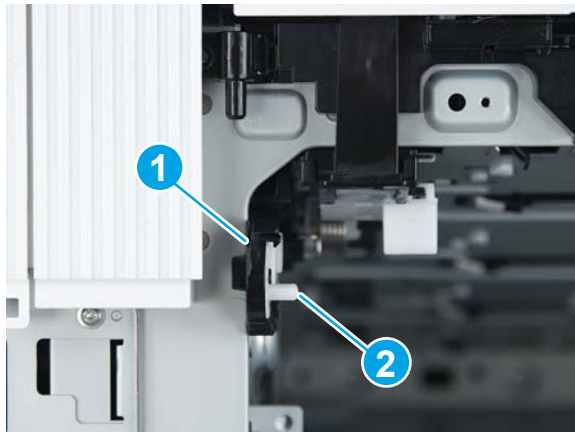


- b. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-2930 Hook the spring

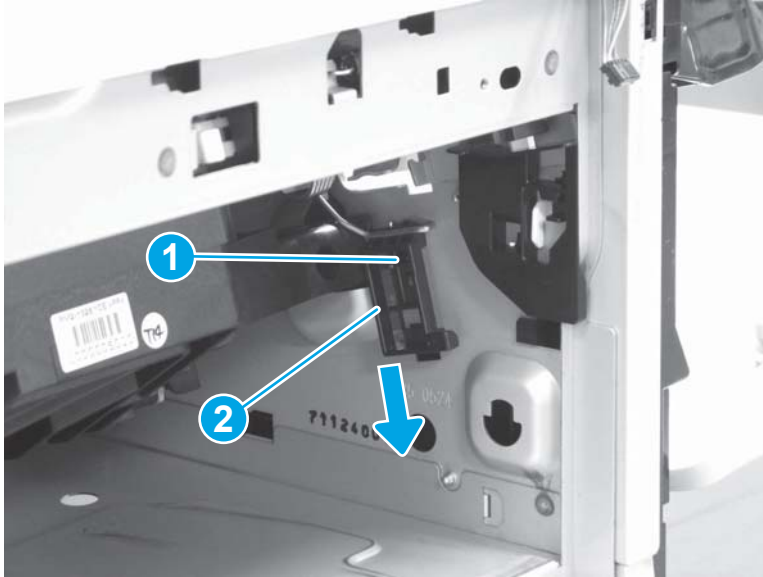


 **Reinstallation tip:** When the laser scanner is installed, make sure that the gear case is flat against the printer chassis (callout 1). The pin on the gear (callout 2) might need to be rotated out of the way when the assembly is installed.



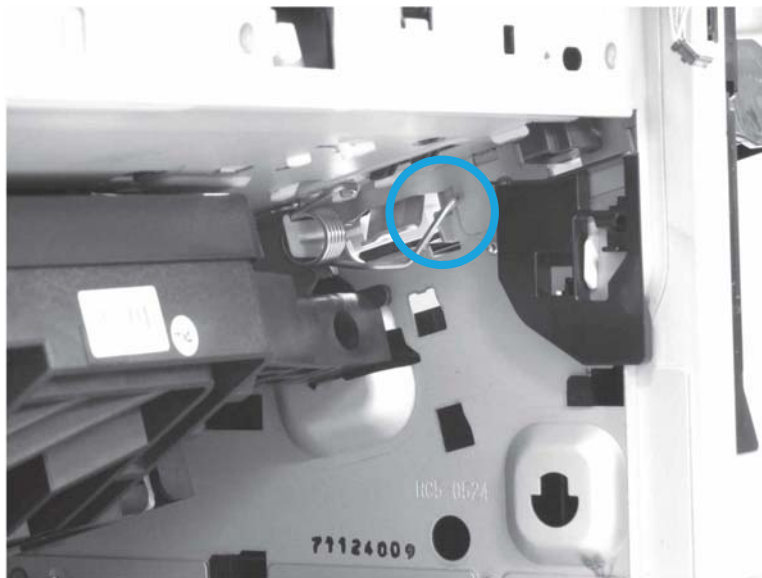
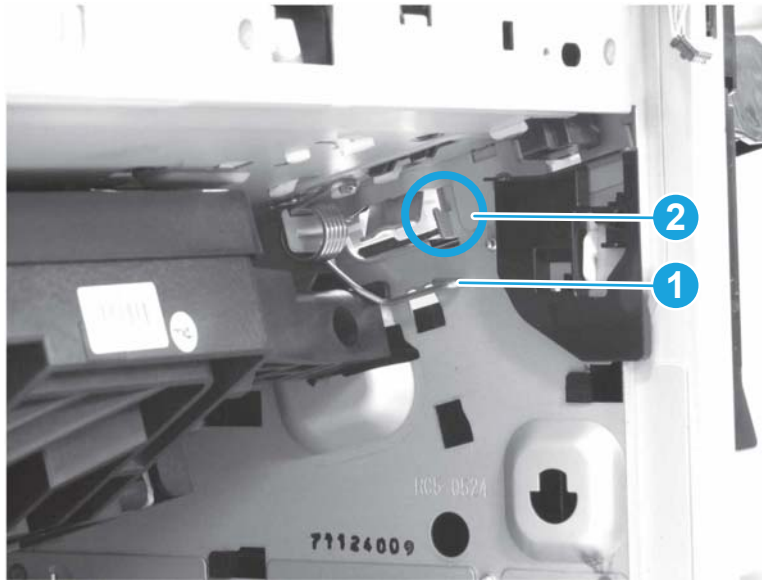
- c. On the right side of the laser scanner, release one tab (callout 1), and then slide the stopper (callout 2) down to remove it.

Figure 1-2931 Remove the stopper



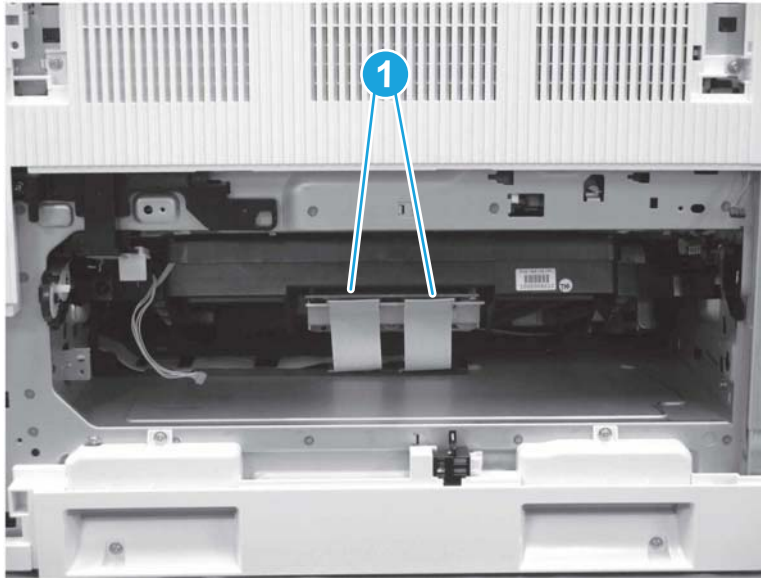
- d. Hook the spring (callout 1) on the hook (callout 2).

Figure 1-2932 Hook the spring



- e. Disconnect two flat cables (callout 1).

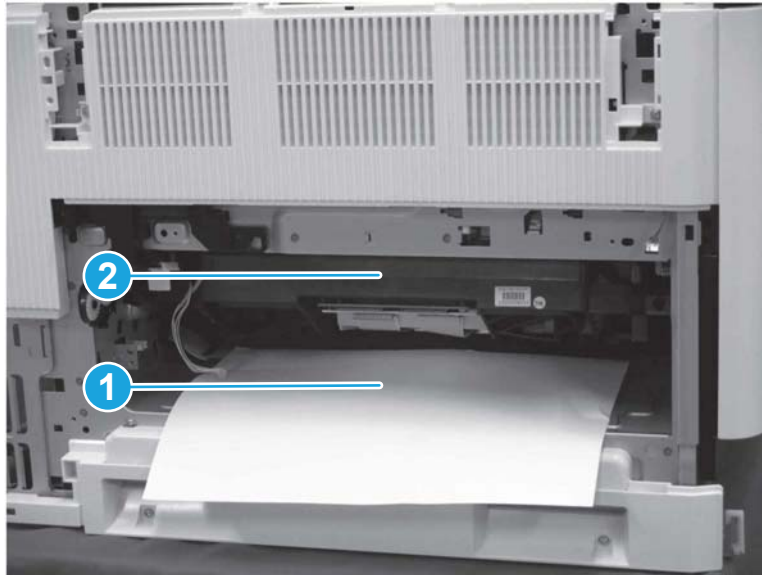
Figure 1-2933 Disconnect two flat cables







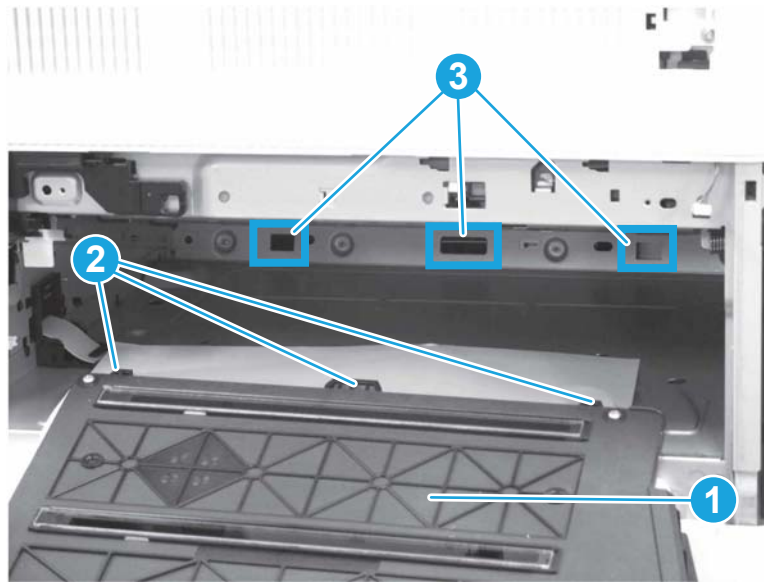
- f. Lay a sheet of paper on top of the flat cables (callout 1) to protect them. Pull the laser scanner (callout 2) out of the printer to remove it.

Figure 1-2934 Remove the laser scanner



 **IMPORTANT:** The front door must be open while removing and installing the laser scanner to avoid damaging the laser scanner cleaning pads.

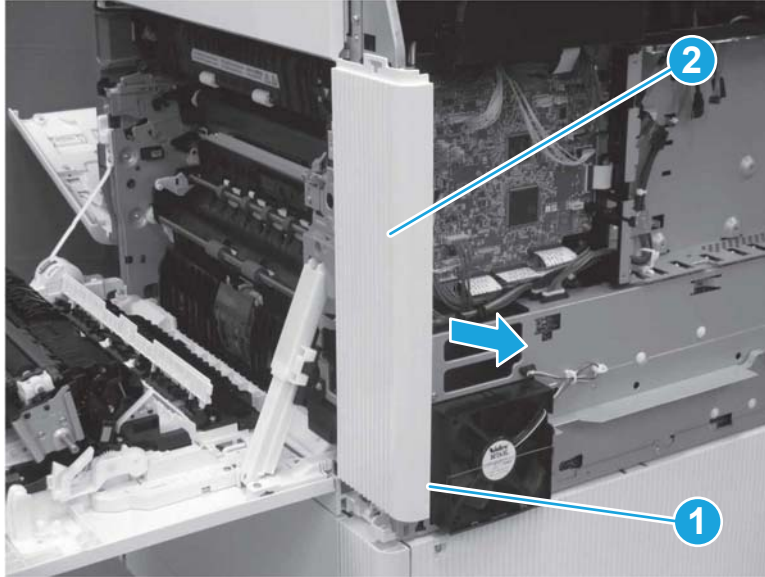
 **Reinstallation tip:** When installing the laser scanner (callout 1), position the pins (callout 2) on the laser scanner into the openings (callout 3) inside the printer.



- 27. Remove the right rear cover (M856/E85055/M776).

- ▲ Release one tab (callout 1), and then slide the rear cover away from the printer to remove it.

Figure 1-2935 Remove right rear cover



28. Remove the formatter and case (M856/E85055/M776).

 **NOTE:** The figures below show the M776zs formatter. The procedure is correct for all referenced models.

- a. Release two retainers (callout 1), and then open the retainer (callout 2) to release the flat cable. Disconnect all of the remaining connectors on the formatter board.


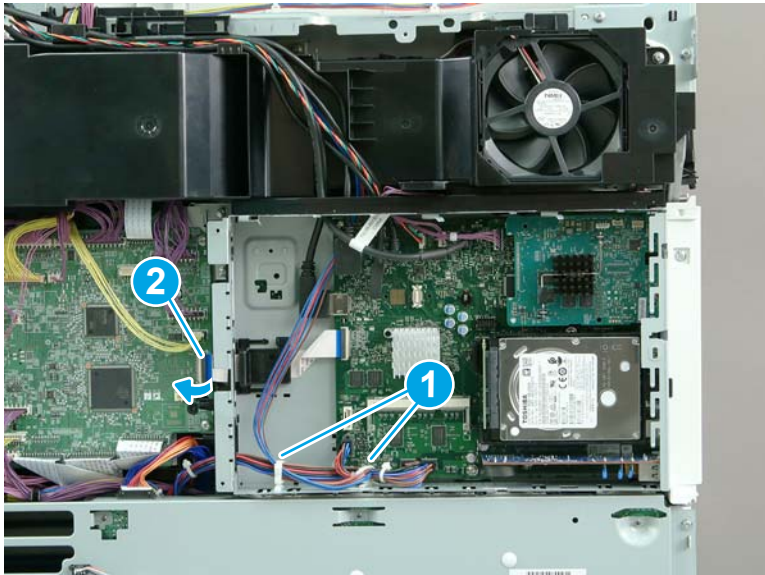
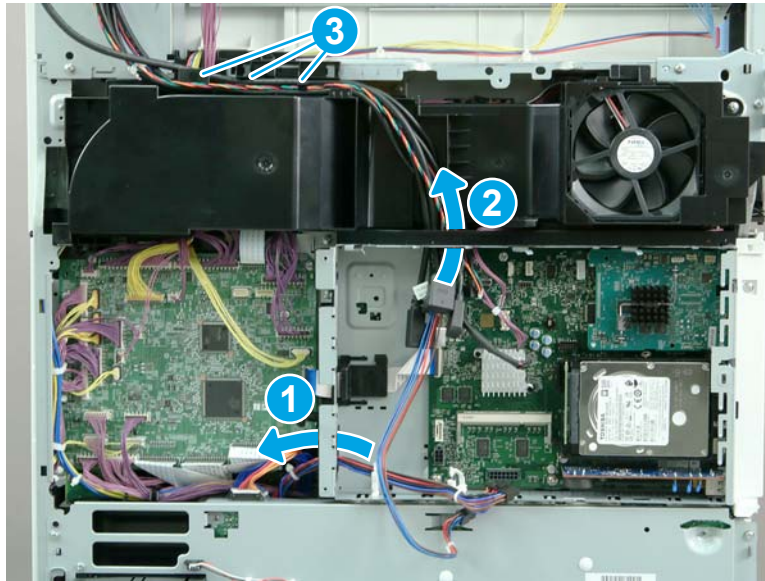
 **NOTE:** The figures below show the M776zs model. The procedures are correct for all of the referenced models.

Figure 1-2936 Disconnect the connectors



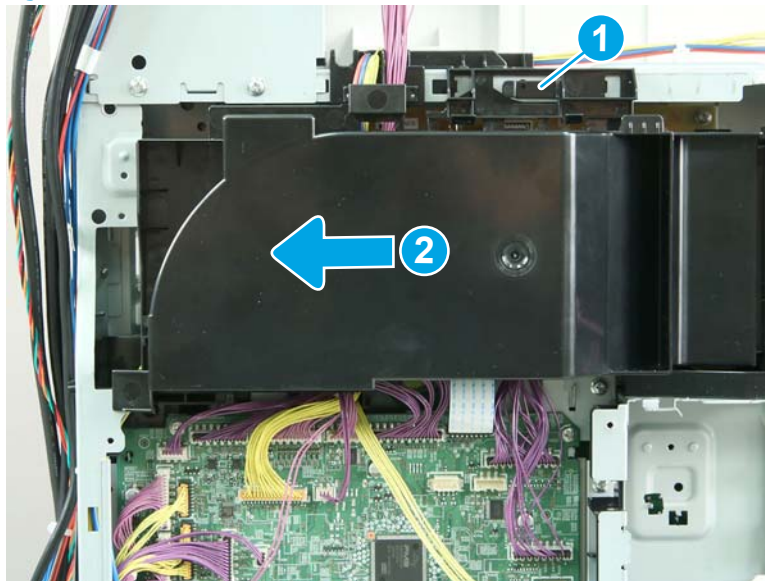
- b. Release one cable through the opening in the left side of the formatter case (callout 1). Release the remaining cables through the opening in the top of the formatter case (callout 2). Release the cables from the upper cable guide (callout 3).

Figure 1-2937 Release the cables



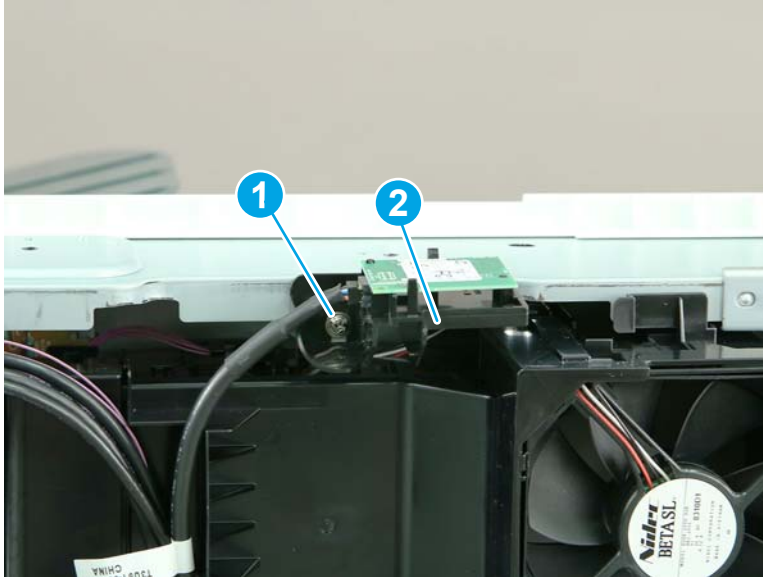
- c. Release one tab (callout 1), and then slide the fan duct to the left (callout 2) to remove it.

Figure 1-2938 Remove the fan duct



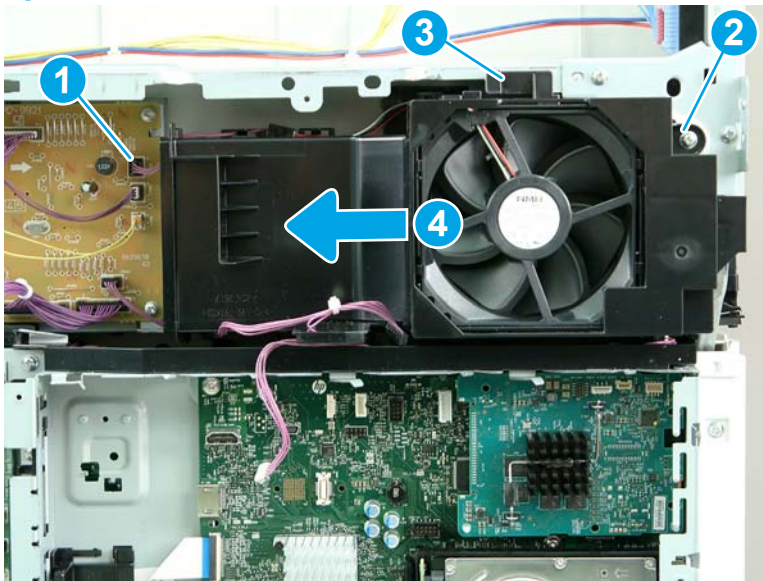
- d. **M856 and E85055 only:** Remove one screw (callout 1), and then remove the wireless card and bracket (callout 2).

Figure 1-2939 Remove the wireless card and bracket



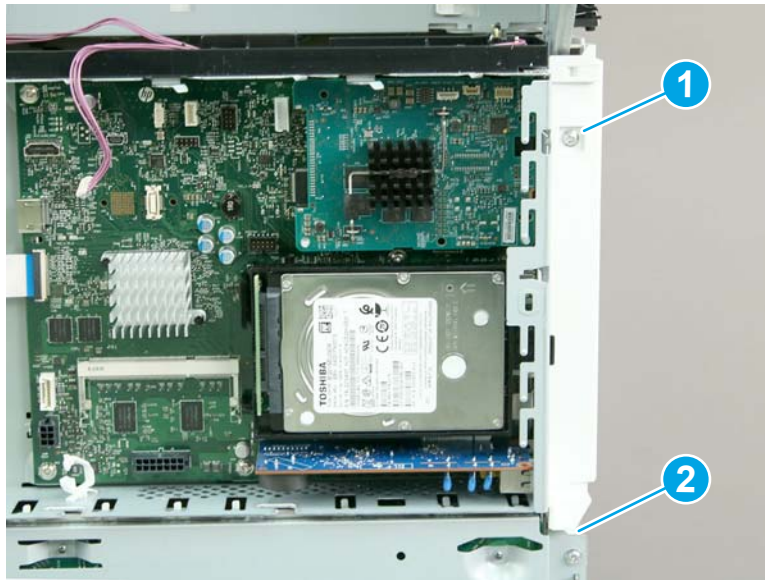
- e. Disconnect one connector (callout 1), and remove one screw (callout 2). Release one tab (callout 3), and then slide the fan assembly to the left (callout 4) to remove it.

Figure 1-2940 Remove the fan assembly



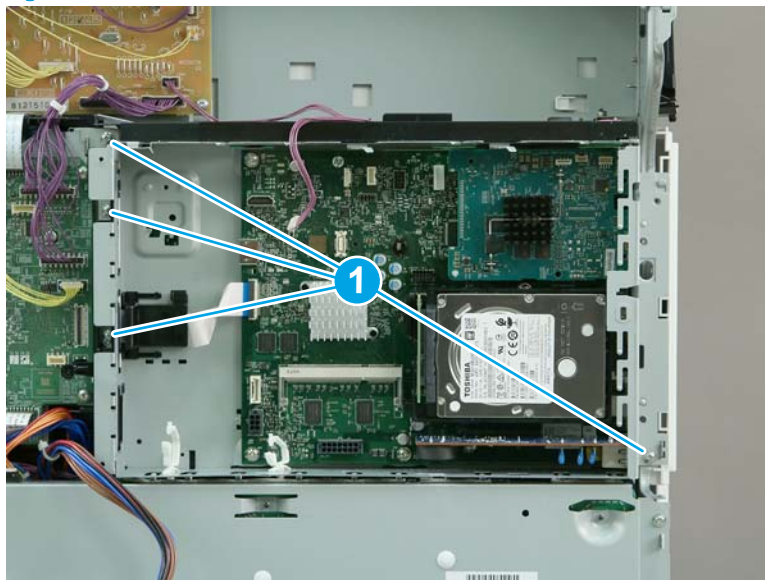
- f. Remove one screw (callout 1), release one tab (callout 2), and then remove the left rear cover.

Figure 1-2941 Remove the left rear cover



- g. Remove four screws (callout 1).

Figure 1-2942 Remove four screws



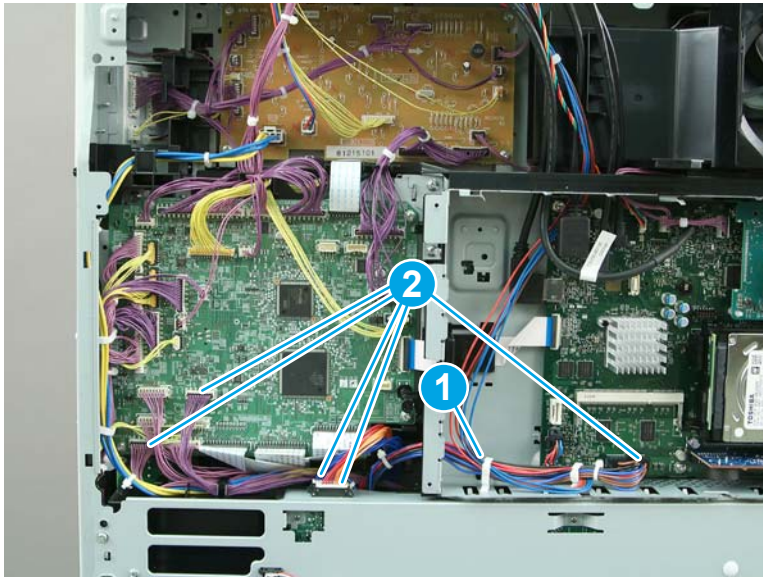
- h. Remove the formatter and case.

Figure 1-2943 Remove the formatter and case



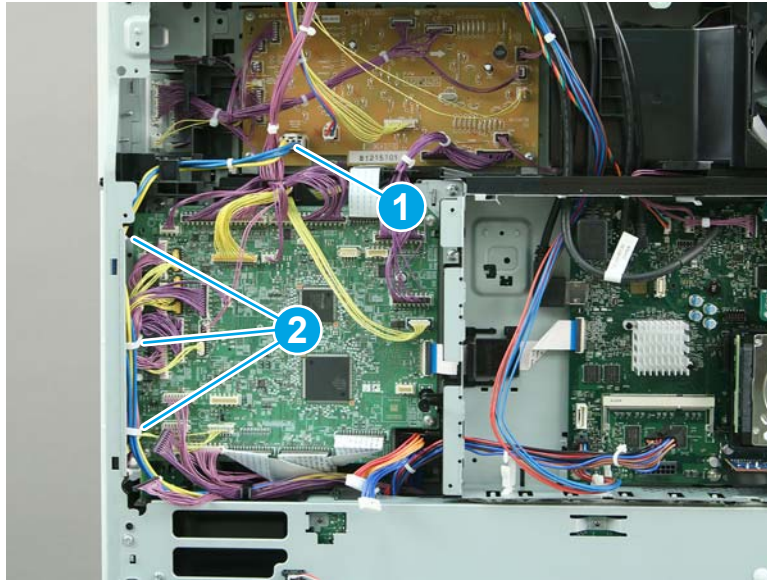
- 29. Remove the low-voltage power supply (LVPS) (M856/E85055/M776).
  - a. Release one retainer (callout 1), and then disconnect five connectors (callout 2).

Figure 1-2944 Release the retainer and disconnect five connectors



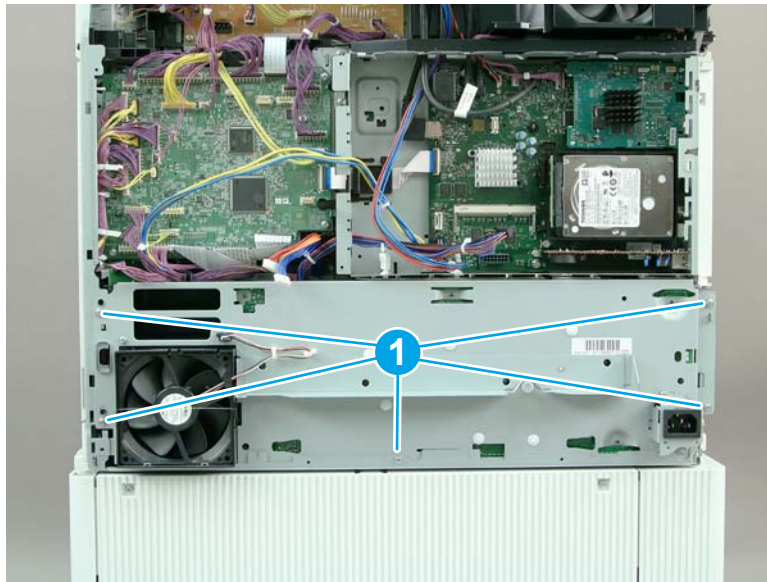
- b. Disconnect one connector (callout 1), and then release three retainers (callout 2).

Figure 1-2945 Disconnect one connector and release five retainers




- c. Remove five screws (callout 1).

Figure 1-2946 Remove five screws

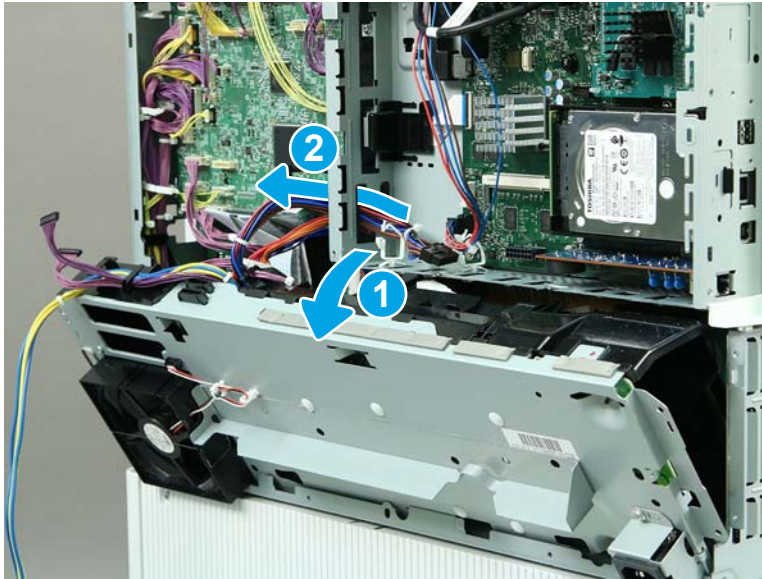


- d. Tilt the LVPS away from the printer (callout 1). Thread the cable (callout 2) through the opening in the formatter case.

 **NOTE:** Due to mechanical tolerances on the formatter cage, rotating the LVPS out might be difficult.

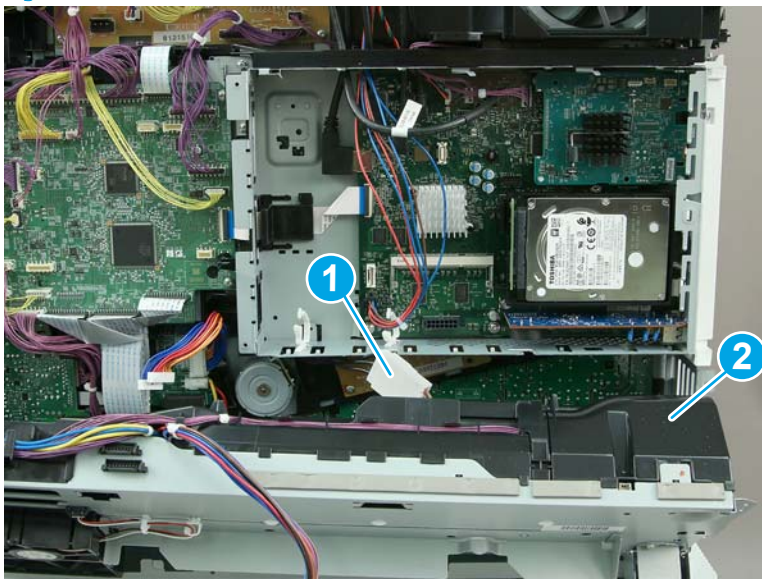
 **CAUTION:** One connector is still connected, so tilt the LVPS carefully.

Figure 1-2947 Thread the cable



- e. Disconnect one connector (callout 1), and then lift up to remove the LVPS (callout 2).

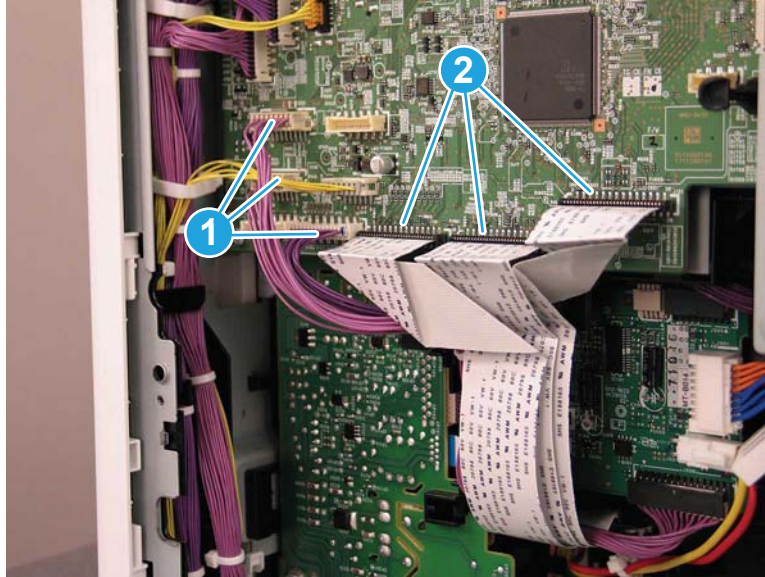
Figure 1-2948 Remove the LVPS



- 30. Remove the T2 connecting PCA.
  - a. Disconnect three connectors (callout 1), and then disconnect three flat cables (callout 2).

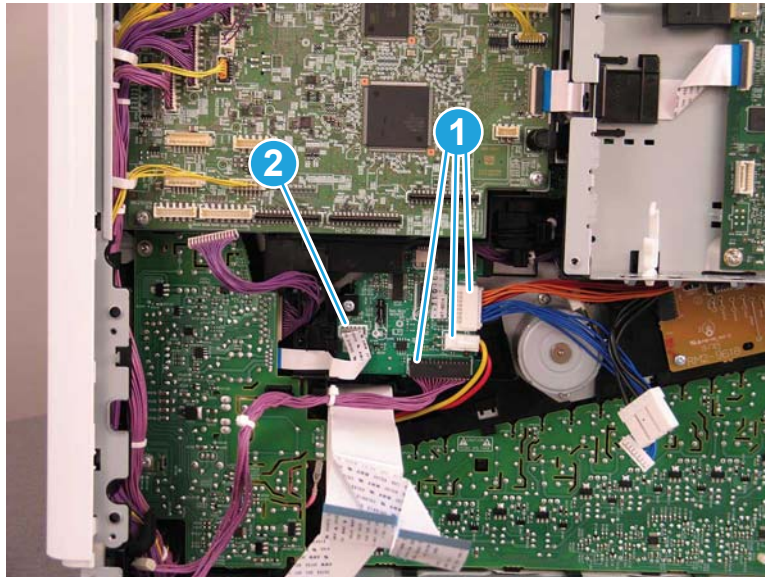


Figure 1-2949 Disconnect six connectors



- b. Disconnect three connectors (callout 1), and then disconnect one flat cable (callout 2).

Figure 1-2950 Disconnect three connectors and one flat cable



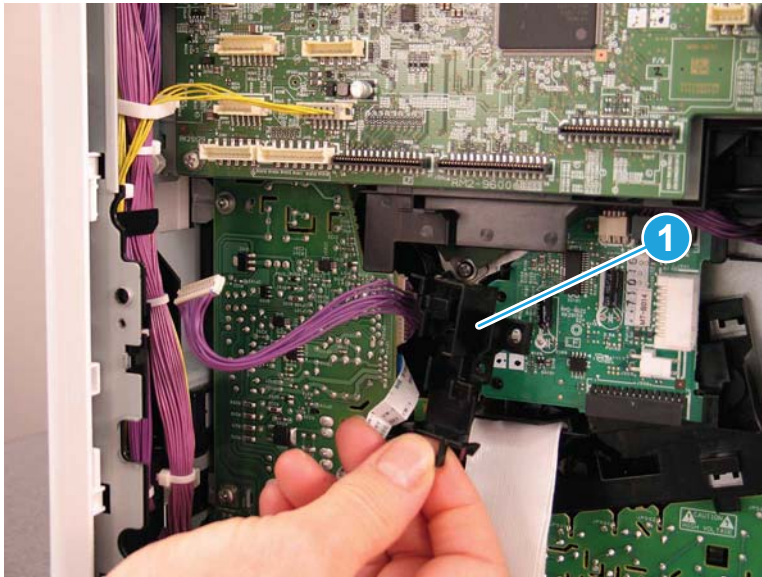
- c. Remove one screw (callout 1).

Figure 1-2951 Remove one screw



- d. Remove the cable guide (callout 1). If the cable guide is lost or damaged during the repair procedure, order a replacement part and install it along with the replacement T2 connecting PCA.

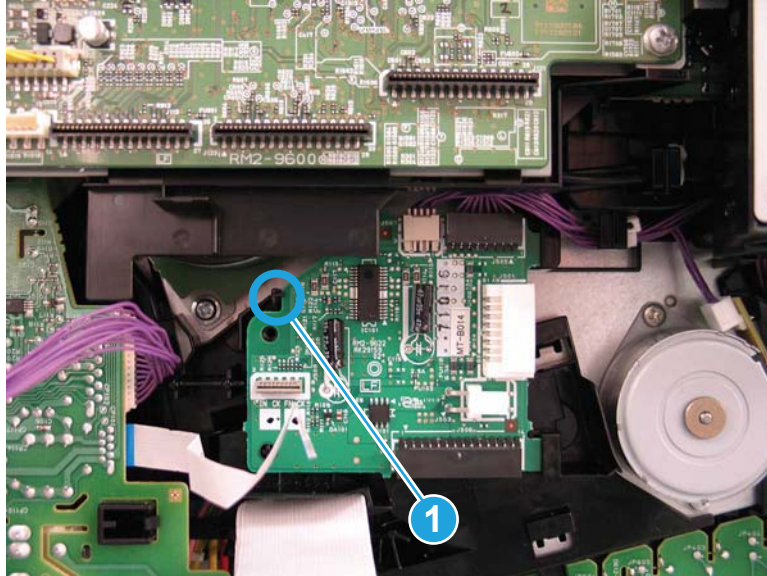
Figure 1-2952 Remove the cable guide



- e. Release one tab (callout 1), and then pull the T2 connecting PCA slightly away from the printer.

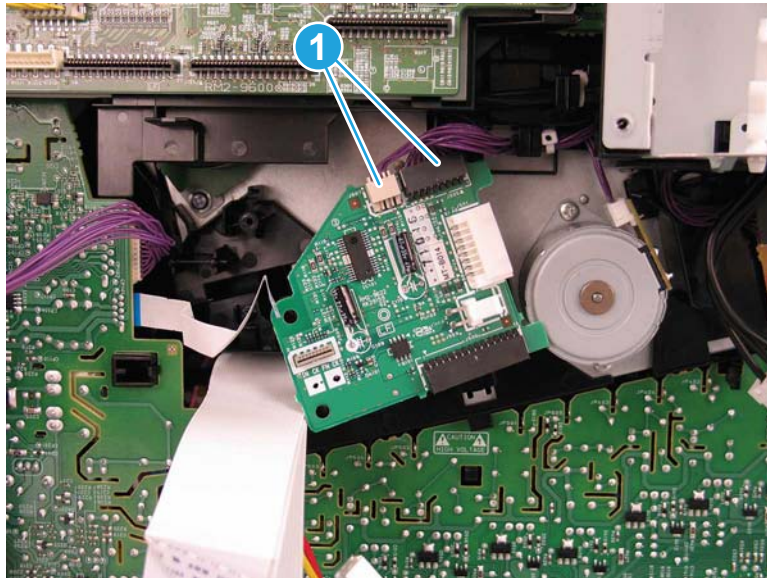
**CAUTION:** The T2 connecting PCA is still attached to the printer. Do not attempt to remove it completely.

Figure 1-2953 Release one tab



- f. Disconnect two connectors (callout 1), and then remove the T2 connecting PCA (callout 2).

Figure 1-2954 Disconnect two connectors and remove the PCA



- 31. Remove the upper high-voltage power supply (HVPS) (M856/E85055/M776).

- a. Disconnect one connector (callout 1), and then remove one screw (callout 2).

Figure 1-2955 Disconnect one connector and remove one screw



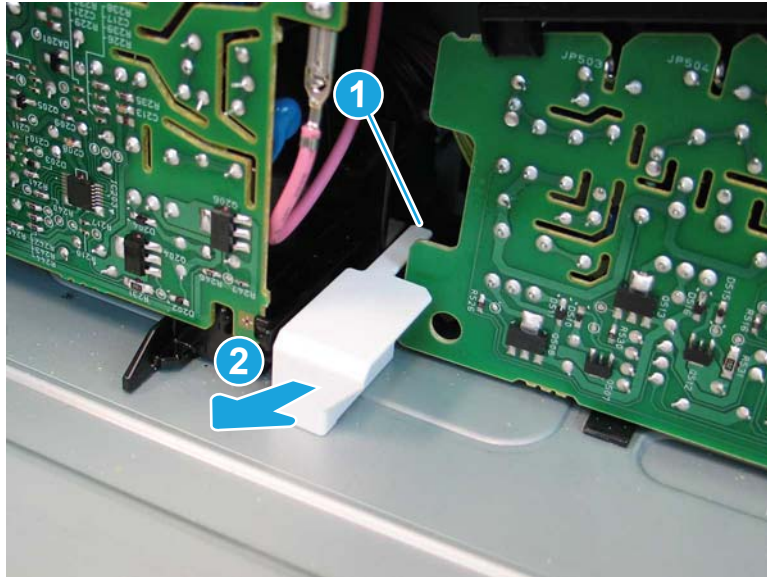
- b. Release six tabs (callout 1), and then remove the upper HVPS.

Figure 1-2956 Release six tabs



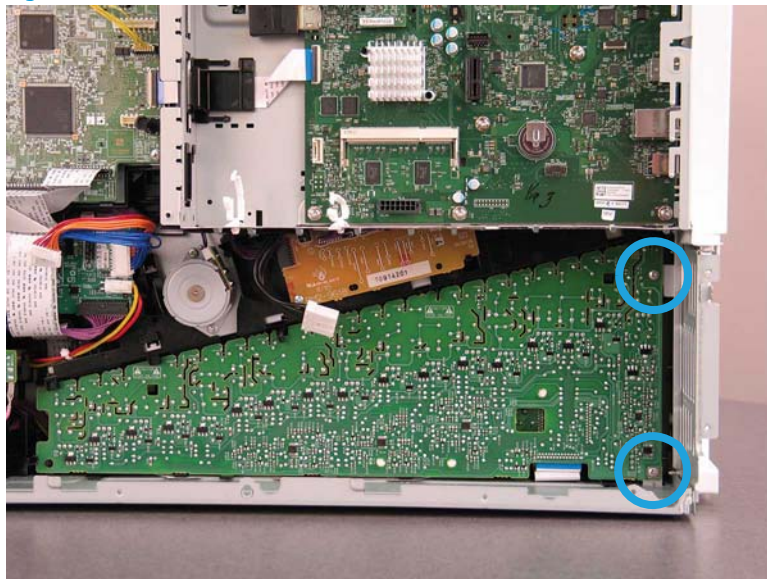
- 32. Remove the lower high-voltage power supply (lower HVPS).
  - a. Release one tab (callout 1) and then slide the stopper (callout 2) away from the printer to remove it.

Figure 1-2957 Remove the stopper



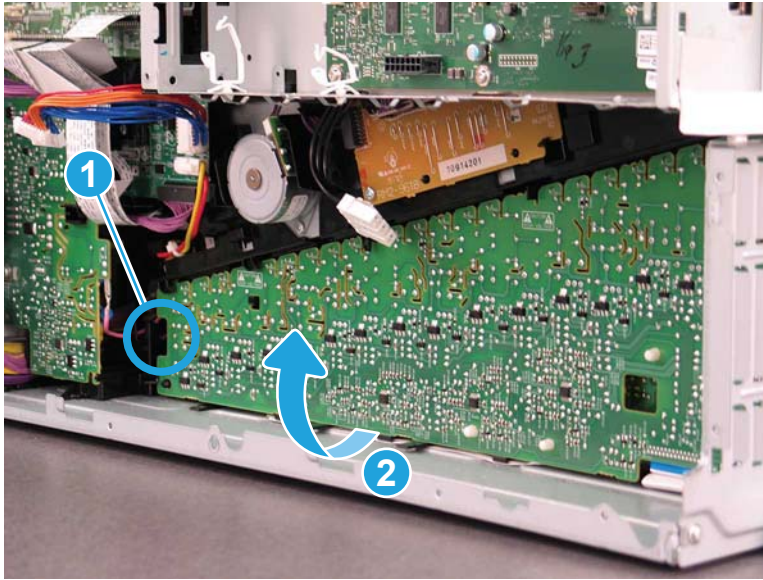
- b. Remove two screws (callout 1).

Figure 1-2958 Remove two screws



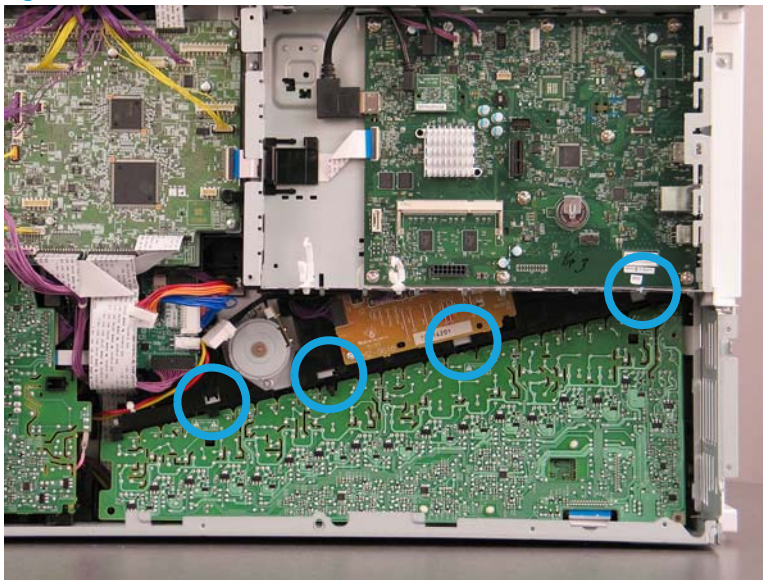
- c. Release one tab (callout 1), and then gently release the lower edge of the lower HVPS.

Figure 1-2959 Release the lower edge of the lower HVPS



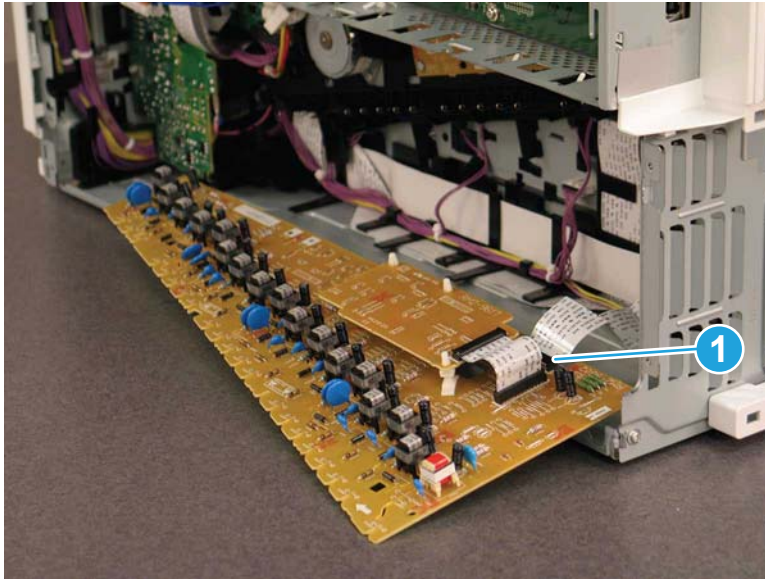
- d. Release the lower HVPS from four tabs.

Figure 1-2960 Release four tabs



- e. Disconnect one flat cable (callout 1) from the back of the lower HVPS.

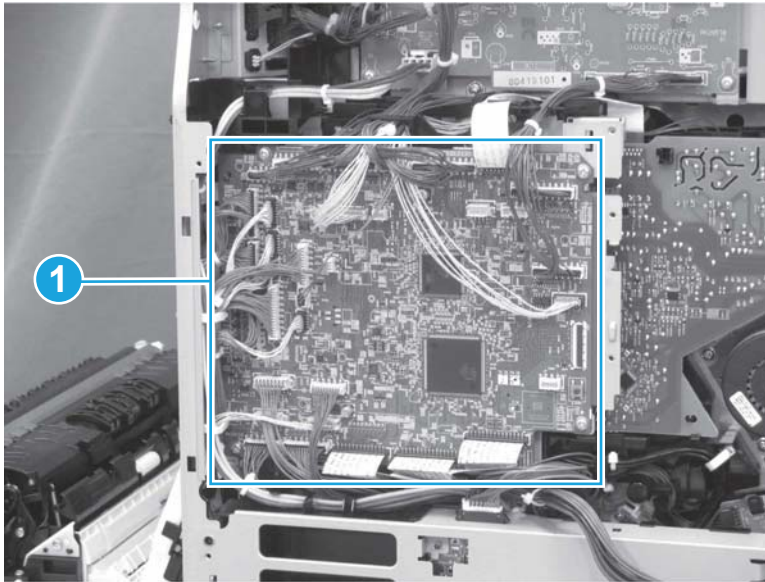
Figure 1-2961 Disconnect one flat cable



- 33. Remove the DC controller and case (M856/E85055/M776).

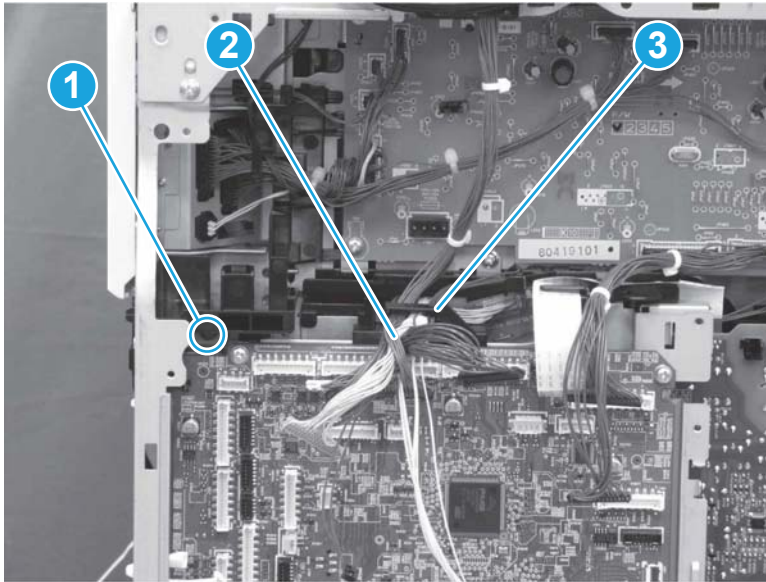
- a. Disconnect all of the connectors on the DC controller.

Figure 1-2962 Disconnect the connectors



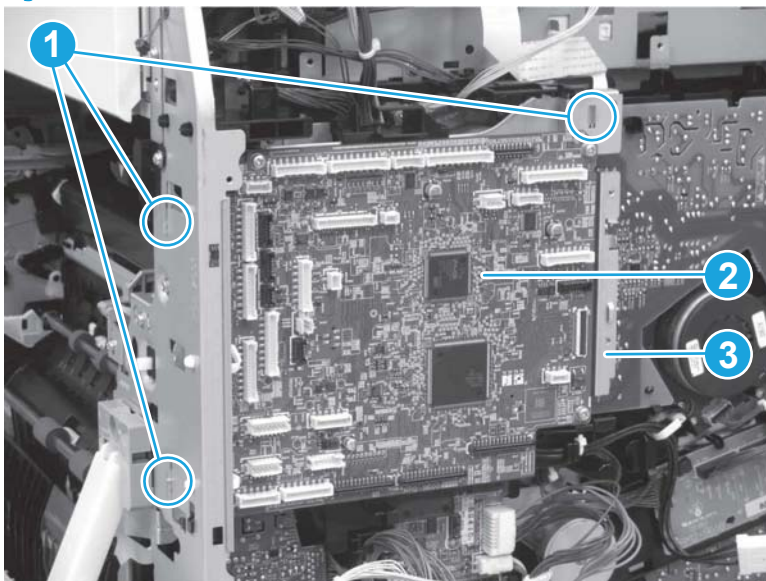
- b. Remove one screw (callout 1), and then release the cables (callout 2) from the cable guide (callout 3).

Figure 1-2963 Remove one screw and release the cables




- c. Remove one screw (callout 1), and then remove the DC controller (callout 2) together with the metal case (callout 3).

Figure 1-2964 Remove the DC controller and case



- 34. Remove the main drive assembly.

- a. Open the front door.

 **IMPORTANT:** The front door must remain open during removal and installation of the main drive assembly to prevent issues.

To prevent the front door from closing on its own, install one of the toner cartridges halfway.

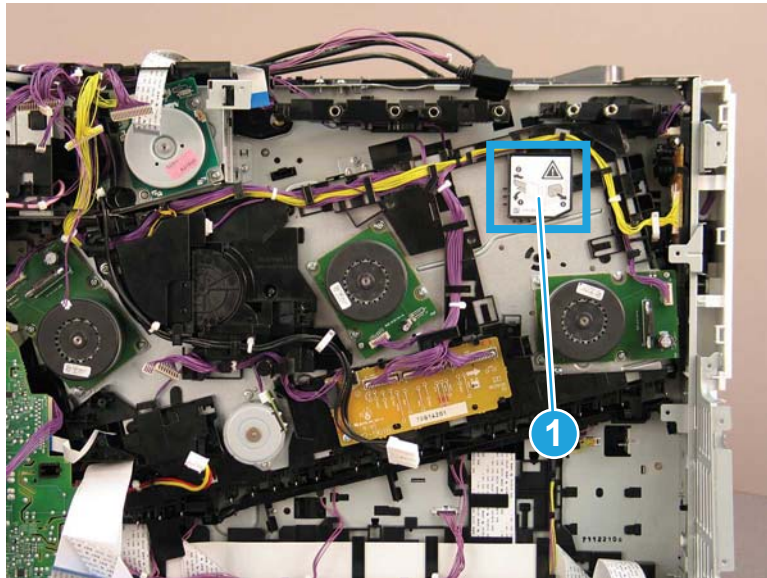


Figure 1-2965 Open the front door



- b. Note the label (callout 1) on the main drive assembly indicating that the front door must be open and all toner cartridges and imaging drums removed before removing the main drive assembly.

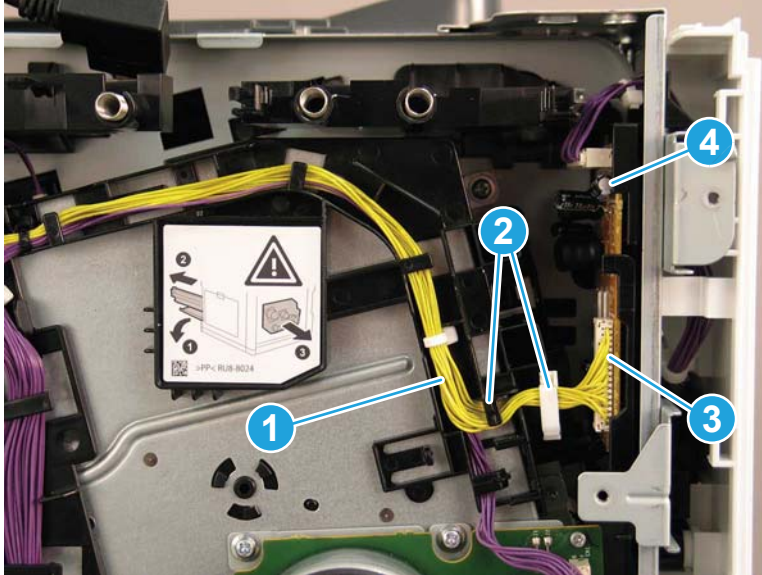
Figure 1-2966 Main drive assembly label



- c. Release the cable (callout 1) from the cable guide (callout 2), and then disconnect one connector (callout 3).

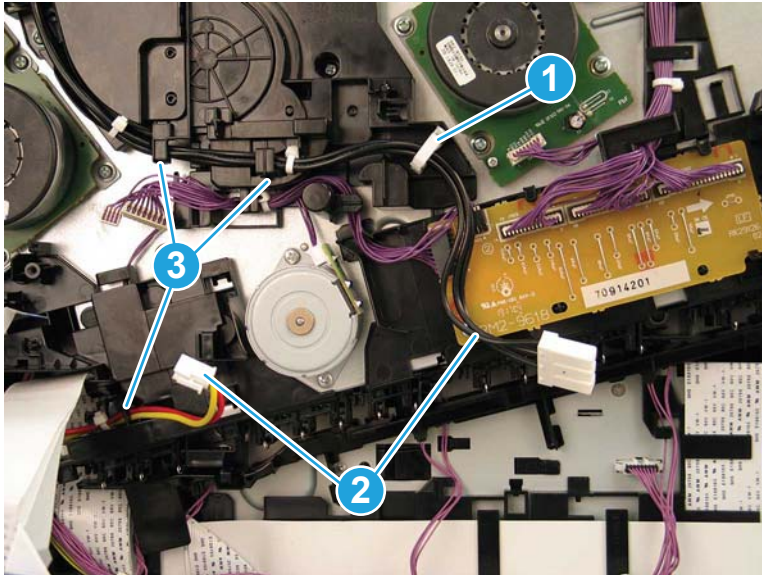
**CAUTION:** The capacitor on the PCA (callout 4) can rotate out and prevent the main drive assembly from reseating.

Figure 1-2967 Disconnect one connector



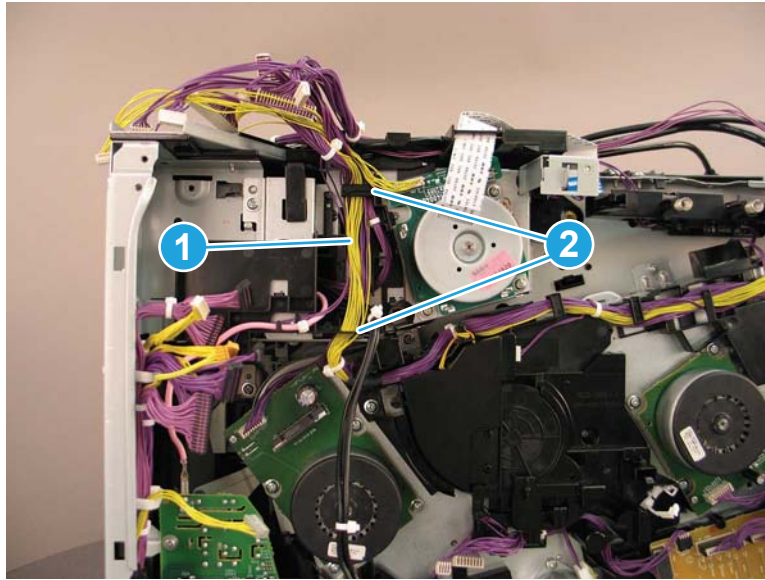
- d. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-2968 Release the cables from the guides



- e. Release the cables (callout 1) from the cable guides (callout 2).

Figure 1-2969 Release the cables from the guides

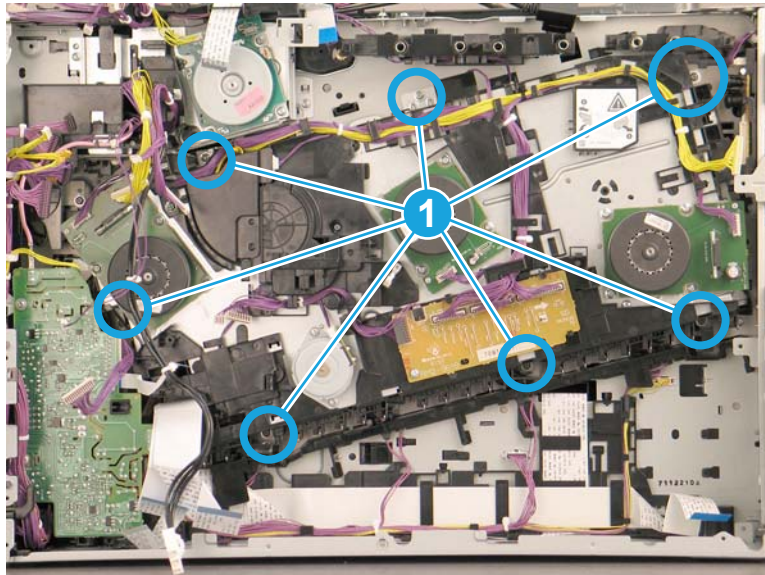


- f. Remove seven screws (callout 1), and then remove the main drive assembly.

 **NOTE:** When reinstalling the main drive assembly, make sure that the front door is open.

Partially reinstall one toner cartridge to prevent the front door from closing.

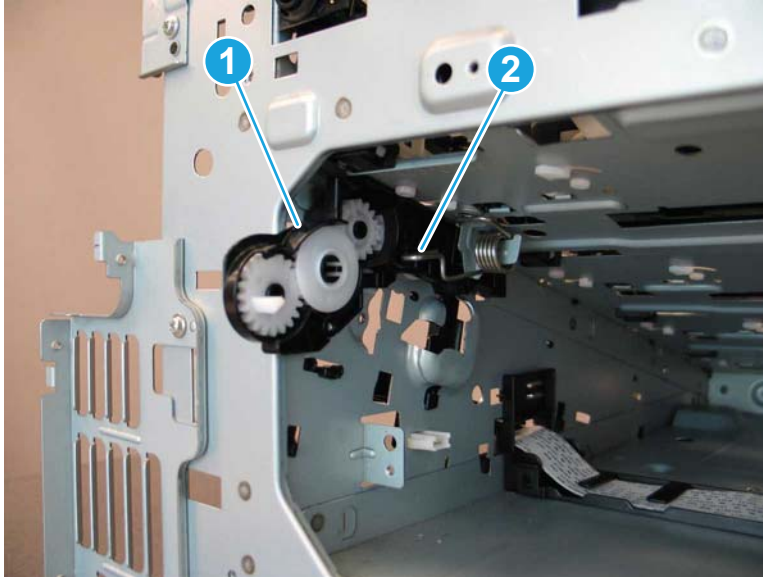
Figure 1-2970 Remove seven screws and the main drive assembly



- 35. Remove the waste toner gear base assembly.

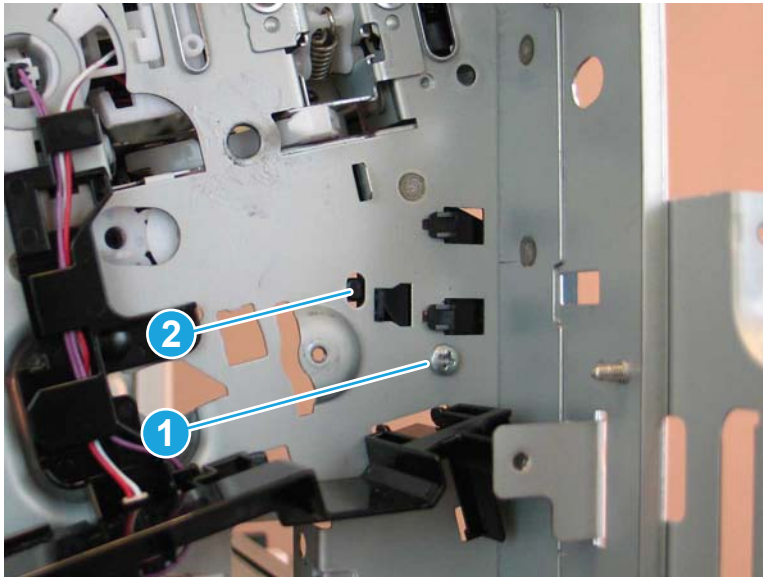
- a. Locate the waste toner gear base assembly (callout 1), and then release the laser scanner spring (callout 2).

Figure 1-2971 Release the laser scanner spring



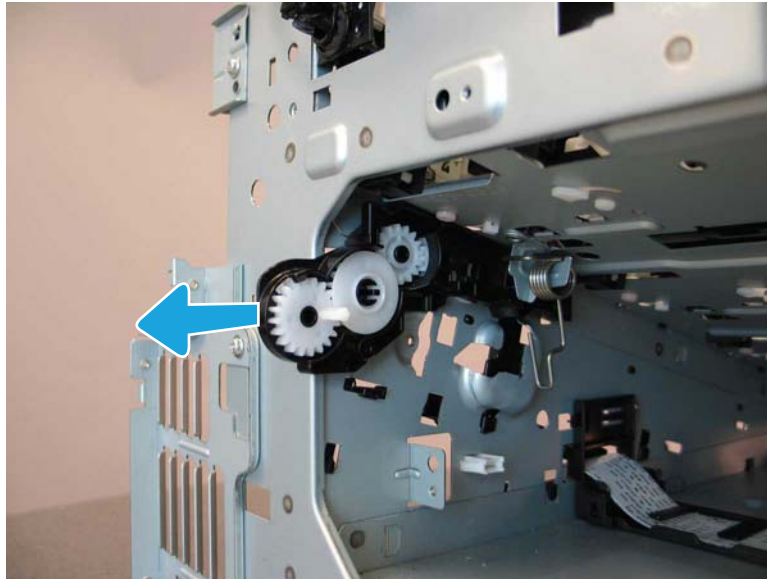
- b. At the back of the printer, remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-2972 Remove one screw and release one tab



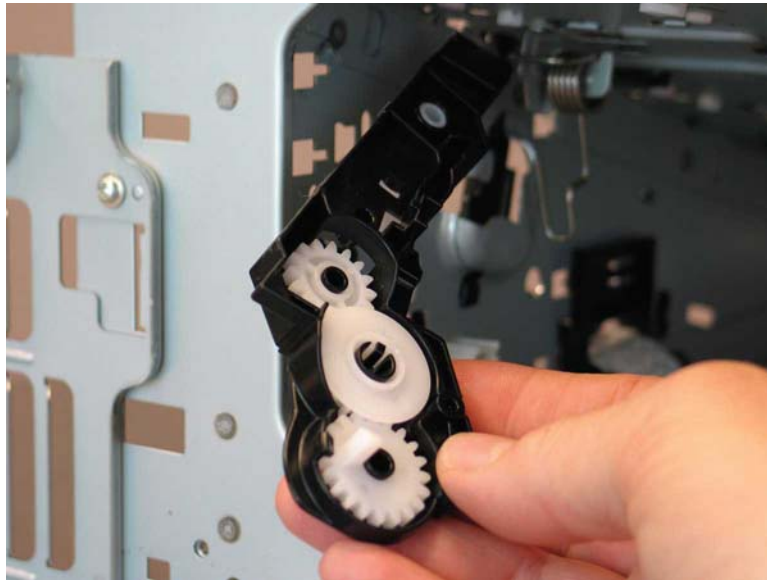
- c. Slide the waste toner gear base assembly away from the printer.

**Figure 1-2973** Slide the waste toner gear base assembly



- d. Remove the waste toner gear base assembly.


**Figure 1-2974** Remove the waste toner gear base assembly



- 36. Unpack the replacement assembly.

- a. Dispose of the defective part.



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 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

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- b. Unpack the replacement part from the packaging.

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or print-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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- c. To install an assembly, reverse the removal steps.

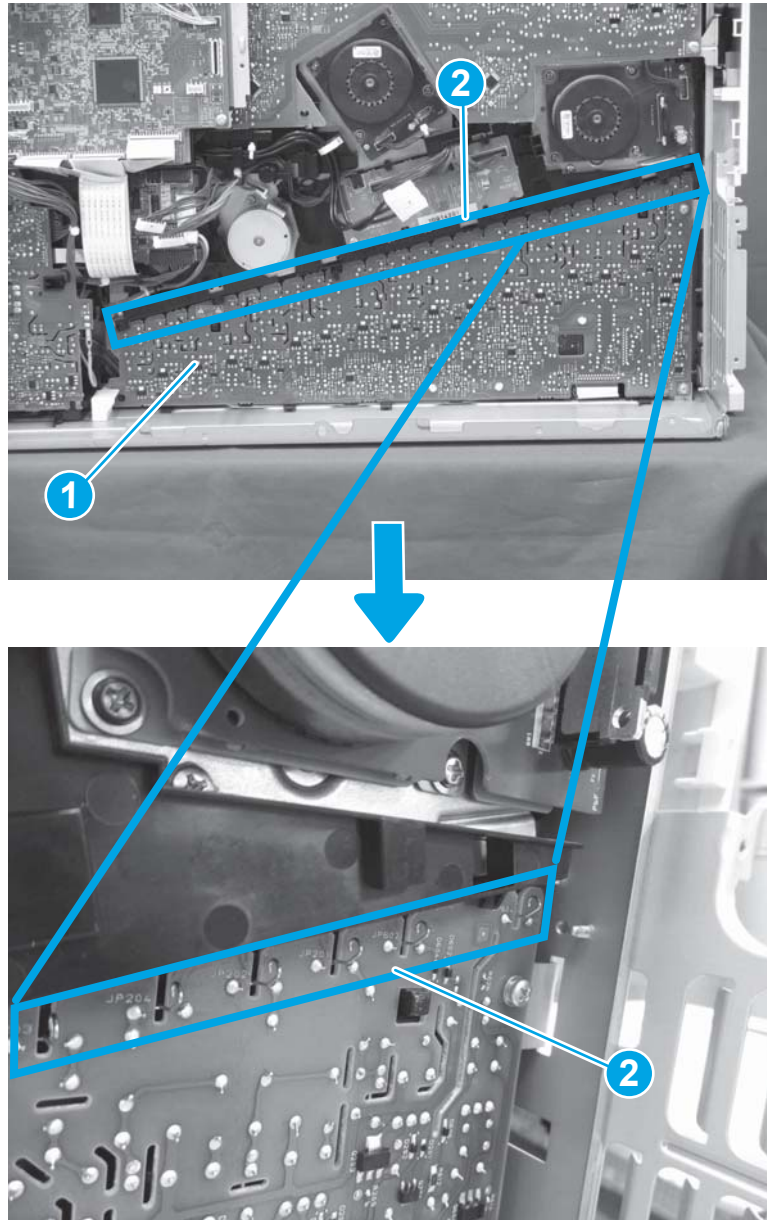
When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

37. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the lower HVPS.

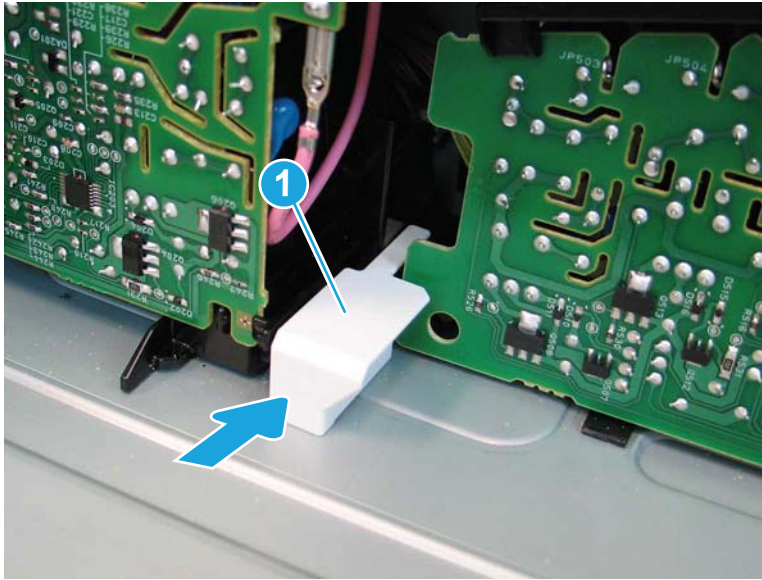
1. When reinstalling the lower HVPS (callout 1), make sure that the top of the lower HVPS engages with the contact springs (callout 2) and that the springs are in the correct position.

Figure 1-2975 Check the springs



2. Make sure that the stopper (callout 1) is reinstalled at the bottom of the lower HVPS.

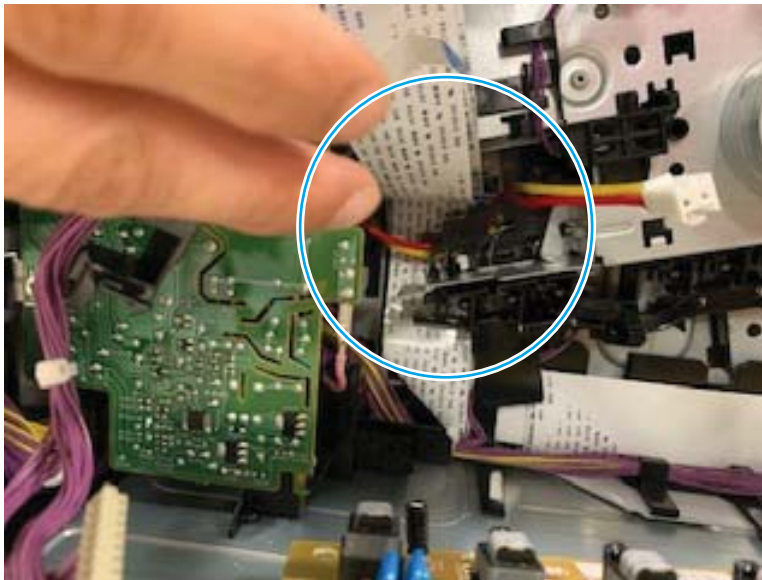
Figure 1-2976 Install the stopper



#### Install the main drive assembly.

1. Route the red and yellow cables back into the main drive assembly guides prior to re-installation. This will prevent the cables from being pinched behind the main drive assembly.

Figure 1-2977 Main drive wire harness





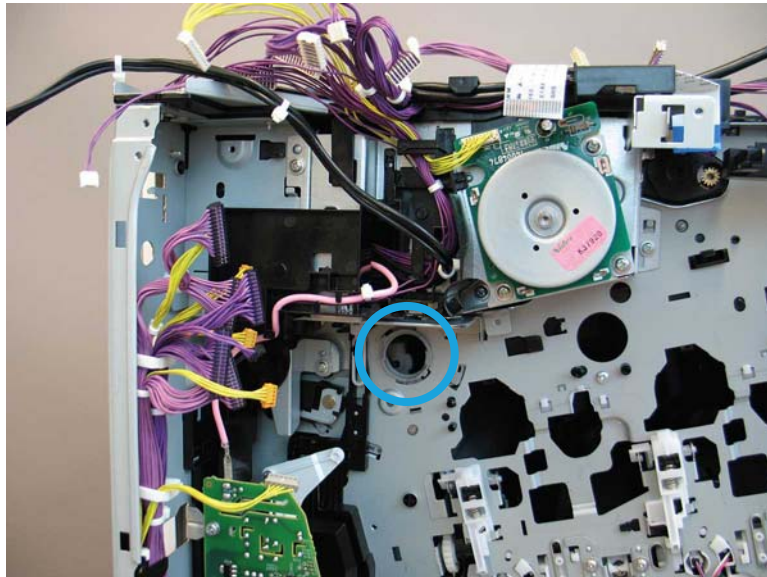
2. If the coupling estrangement cam falls off of the printer or is broken or lost in the process of removing the main drive assembly, follow these steps to reinstall it.

**Figure 1-2978** Coupling estrangement cam



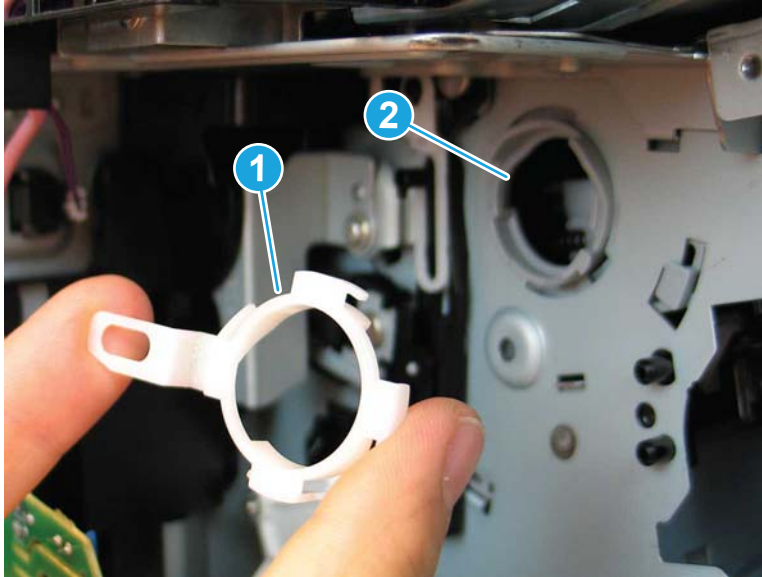
3. Note the location where the cam will be installed.

**Figure 1-2979** Cam location



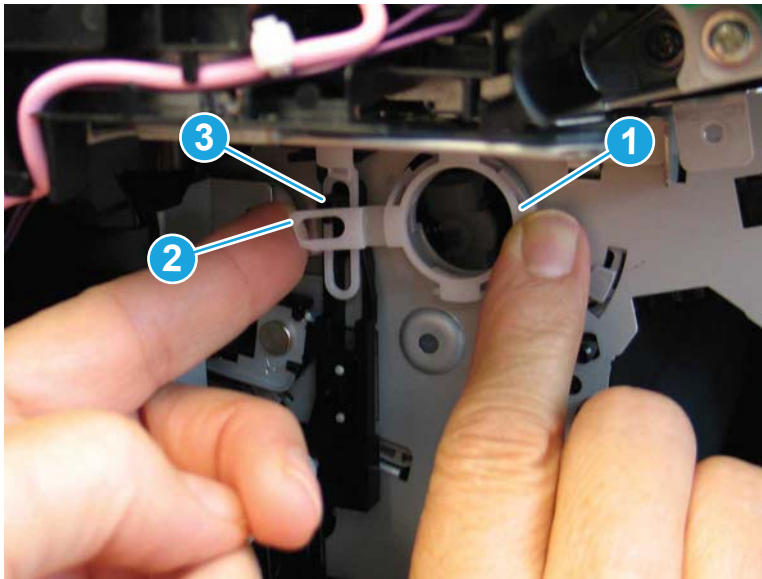
4. Position the cam (callout 1) over the gray ring (callout 2) on the printer. The tabs on the cam fit into openings on the gray ring.

Figure 1-2980 Position the cam



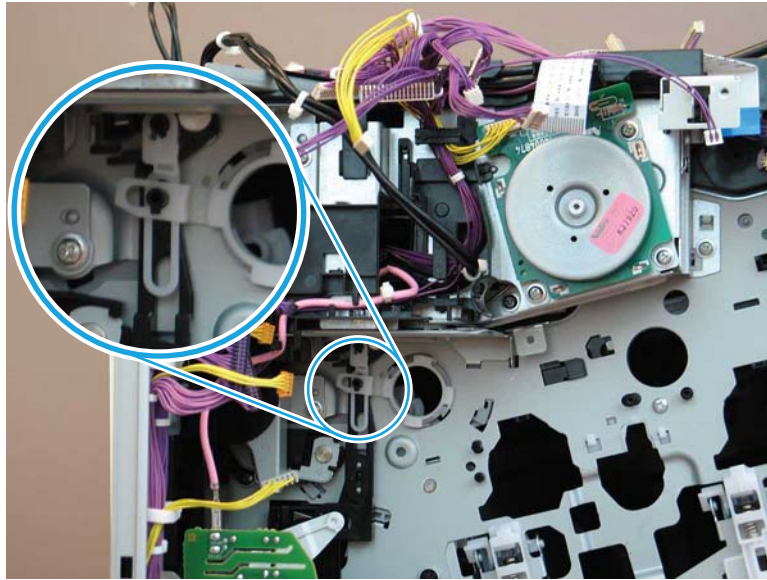
5. Hold the cam in position (callout 1), and then position the opening in the left side of the cam (callout 2) over the boss (callout 3) on the black link arm on the printer.

Figure 1-2981 Install the cam



6. When installed correctly, the cam engages with the black link arm on the printer.

Figure 1-2982 Cam correctly installed



## Removal and replacement: Accessories

Learn how to remove and replace the accessories.

- [Removal and replacement: Inner finisher components](#)
- [Removal and replacement: 550-sheet paper tray components](#)
- [Removal and replacement: 2x550-sheet paper tray and stand components](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand components](#)

## Removal and replacement: Inner finisher components

Learn how to remove and replace the component parts in the inner finisher.

- [Removal and replacement: Inner finisher \(M776zs\)](#)
- [Removal and replacement: Inner finisher connector cover \(M776zs\)](#)
- [Removal and replacement: Inner finisher front cover \(M776zs\)](#)
- [Removal and replacement: Inner finisher stack tray \(M776zs\)](#)
- [Removal and replacement: Inner finisher rear small cover \(M776zs\)](#)
- [Removal and replacement: Inner finisher latch cover \(M776zs\)](#)
- [Removal and replacement: Inner finisher upper entrance guide \(M776zs\)](#)
- [Removal and replacement: Inner finisher upper feed guide \(Mc776zs\)](#)
- [Removal and replacement: Inner finisher paddle assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher paddle drive assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher latch assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher stapler assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher stack wall assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher return belt assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher processing tray assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher staple mount assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher controller PCA \(M776zs\)](#)
- [Removal and replacement: Inner finisher feed motor \(M776zs\)](#)
- [Removal and replacement: Inner finisher tray lifting motor \(M776zs\)](#)
- [Removal and replacement: Inner finisher trailing edge dropping solenoid \(M776zs\)](#)
- [Removal and replacement: Inner finisher cable duct assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher front push assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher release handle \(M776zs\)](#)
- [Removal and replacement: Inner finisher rear push assembly \(M776zs\)](#)
- [Removal and replacement: Inner finisher wire sub-tray \(M776zs\)](#)

## Removal and replacement: Inner finisher (M776zs)

Learn how to remove and replace the inner finisher.


Mean time to repair: 6 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-134** Part information

Part number	Part description
T3U55-67901	Inner finisher

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

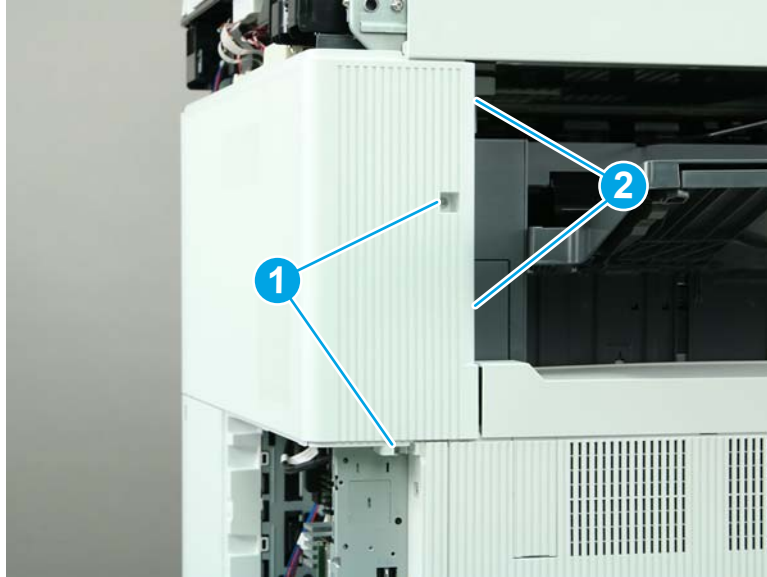
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

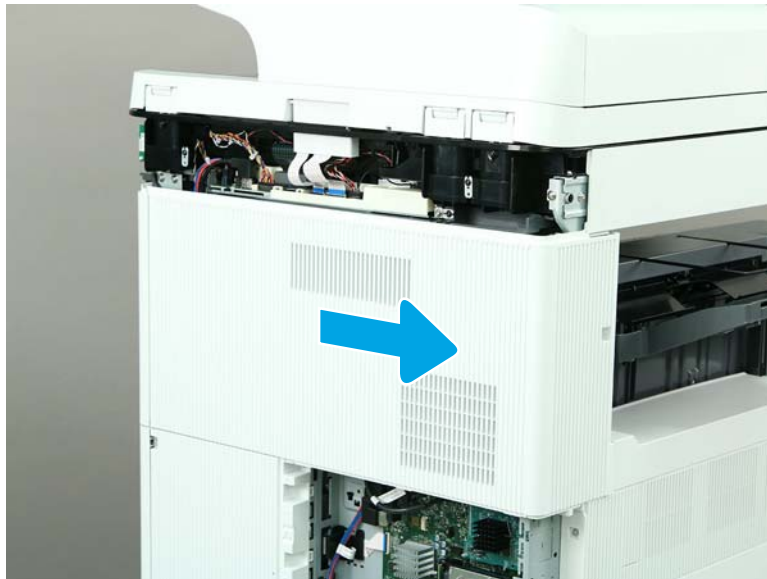
1. Remove the rear upper cover and left rear upper cover (M776zs).
  - a. Remove two screws (callout 1), and then release two tabs (callout 2).

**Figure 1-2983** Remove two screws and release two tabs



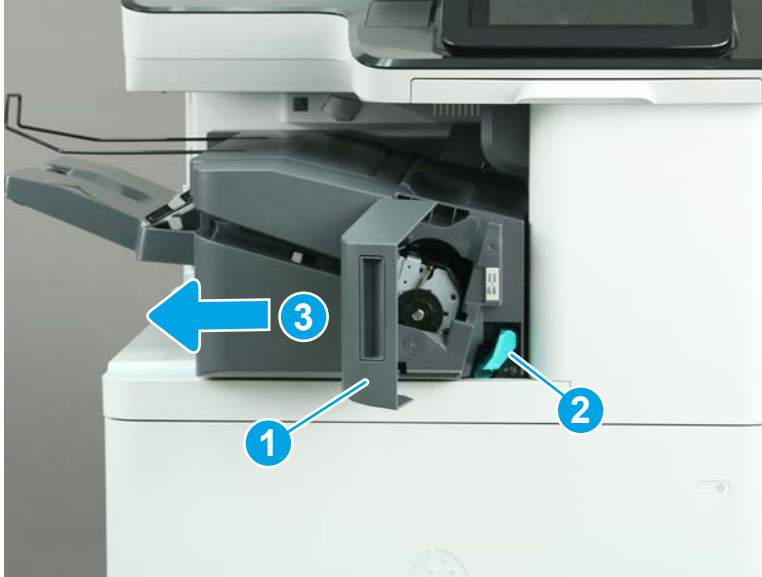
- b. Slide the cover to the right to remove it.

**Figure 1-2984** Remove the rear upper and left rear upper cover



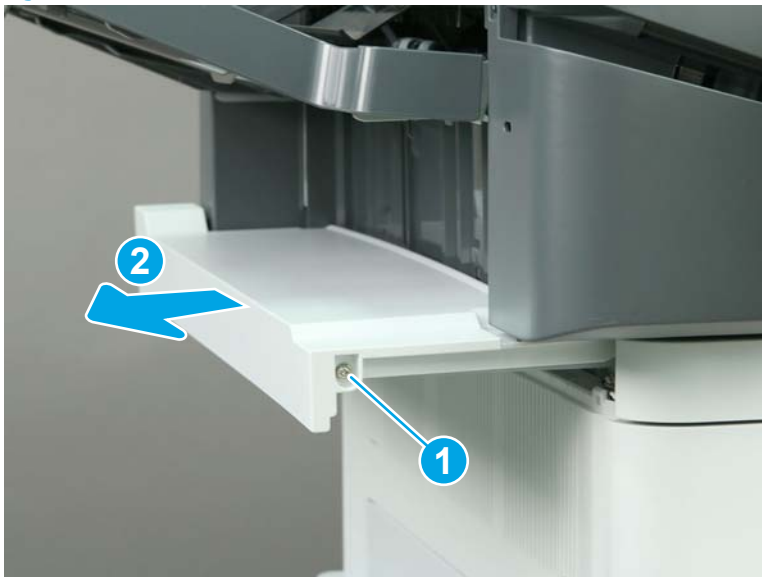
- 2. Remove the inner finisher rail cover (M776zs).
  - a. Open the inner finisher right door (callout 1). Release the latch (callout 2), and then slide the inner finisher toward the left side of the printer (callout 3).

Figure 1-2985 Slide the inner finisher



- b. Remove one screw (callout 1), and then slide the rail cover away from the finisher (callout 2) to remove it.

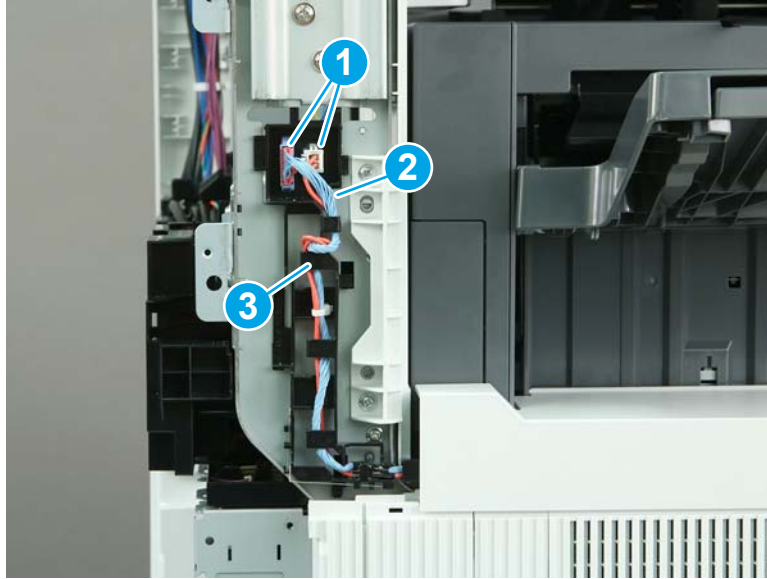
Figure 1-2986 Remove the rail cover



3. Remove the inner finisher (M776zs).
  - a. Disconnect two connectors (callout 1), and then remove the cables (callout 2) from the guide (callout 3).

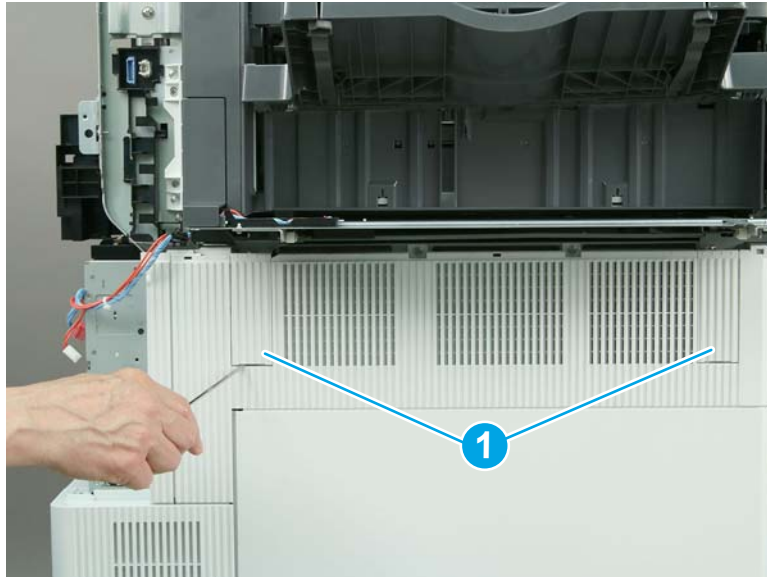


Figure 1-2987 Disconnect two connectors



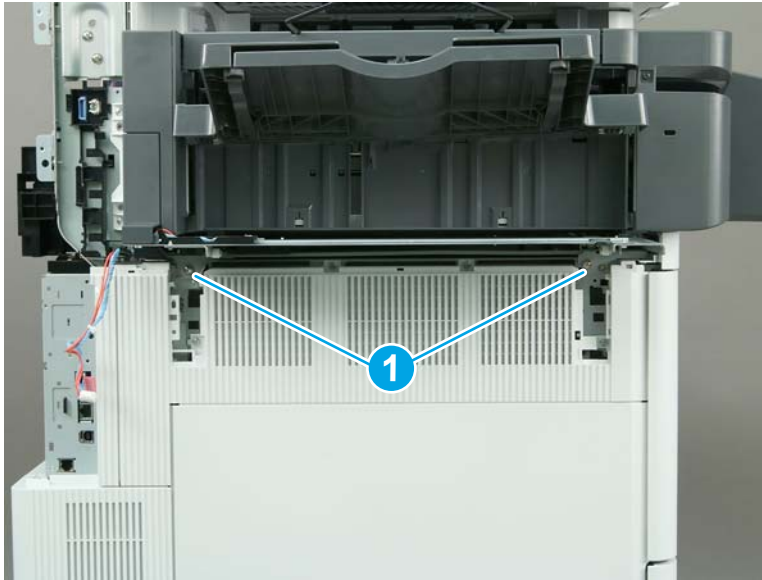
- b. Use a small, flat-blade screwdriver to remove two covers (callout 1).

Figure 1-2988 Remove two covers



- c. Remove two screws (callout 1).

Figure 1-2989 Remove two screws



- d. Slide the inner finisher away from the printer to remove it.

Figure 1-2990 Remove the inner finisher



- 4. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

### Removal and replacement: Inner finisher connector cover (M776zs)

Learn how to remove and replace the inner finisher connector cover.


Mean time to repair: 2 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-135** Part information

Part number	Part description
RC5-4834-000CN	Cover, rear, small

#### Required tools

- Small, flat-blade screwdriver

#### After performing service

##### Turn the printer power on

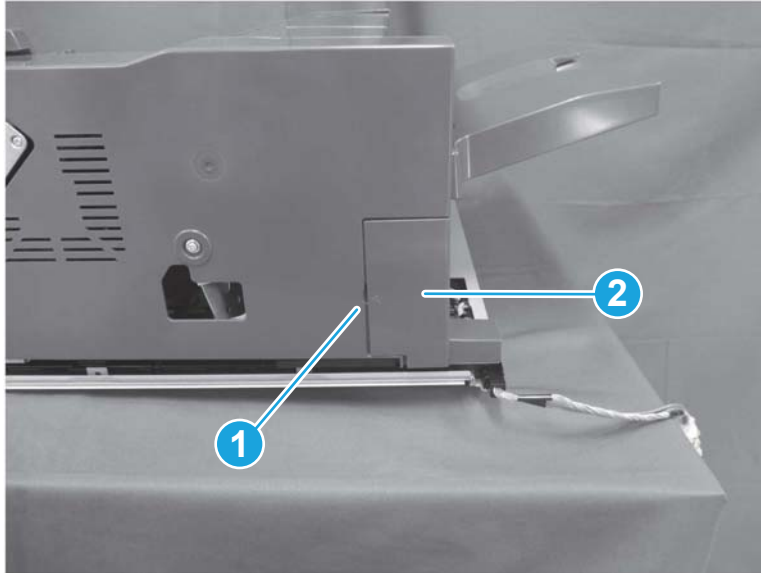
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

No post service test is available for this assembly.

1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

**Figure 1-2991** Remove the connector cover



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.
  - b. Unpack the replacement part from the packaging.
  - c. To install an assembly, reverse the removal steps.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher front cover (M776zs)

Learn how to remove and replace the inner finisher front cover.

Mean time to repair: 5 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-136** Part information

Part number	Part description
RM2-2438-000CN	Front cover assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

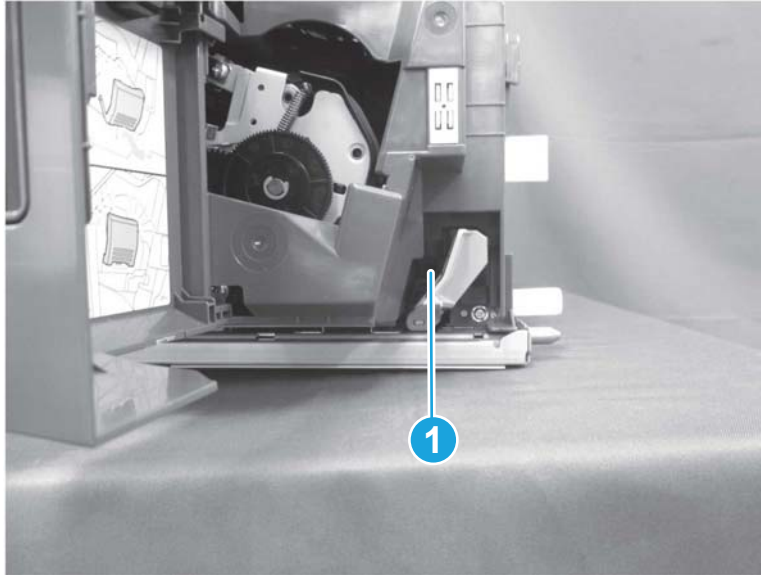
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

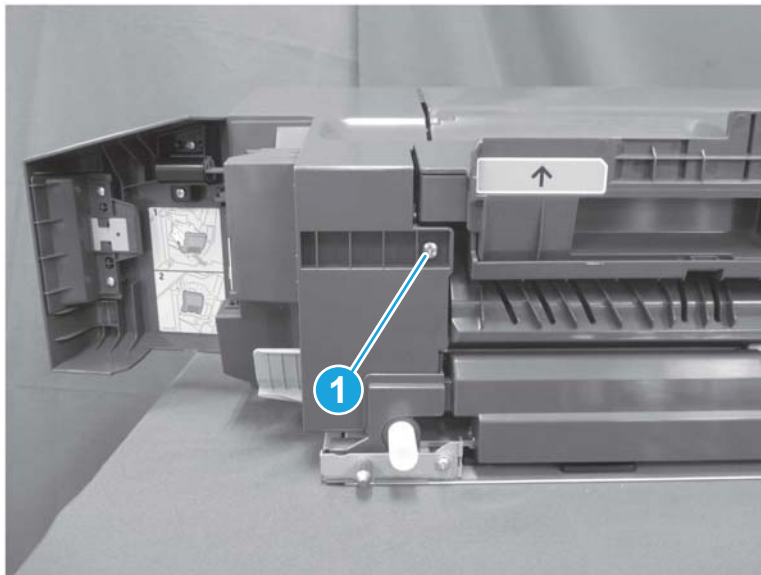
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

Figure 1-2992 Remove one screw



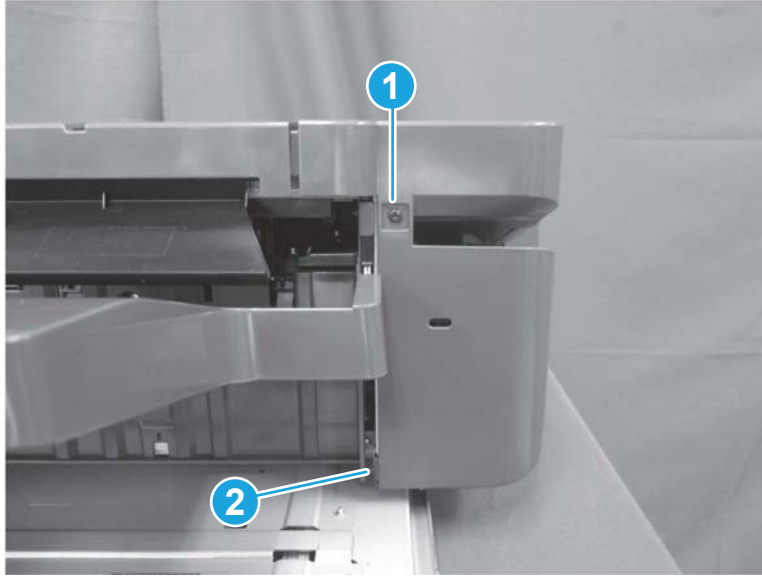
- b. Remove one screw (callout 1).

Figure 1-2993 Remove one screw



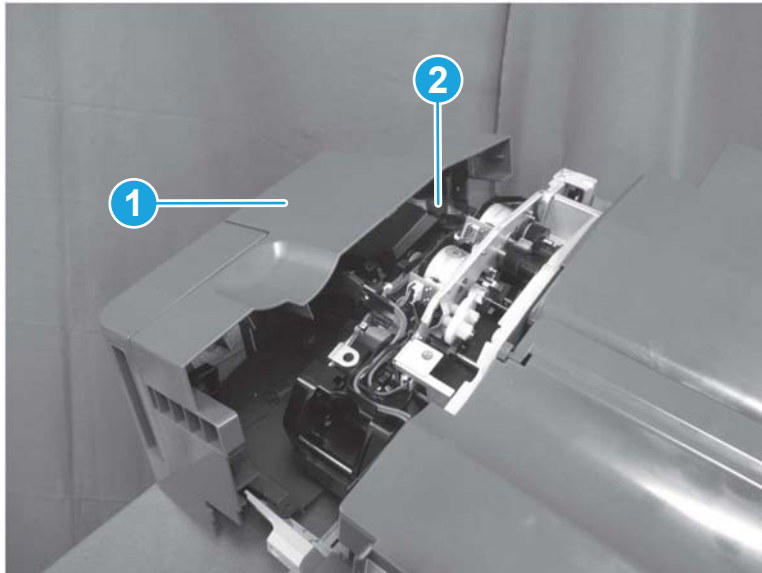
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-2994 Remove one screw and release one tab




- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-2995 Remove the front cover



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher stack tray (M776zs)

Learn how to remove and replace the inner finisher stack tray.


Mean time to repair: 2 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-137** Part information

Part number	Part description
RM2-2450-000CN	Stack tray assembly

### Required tools

- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.



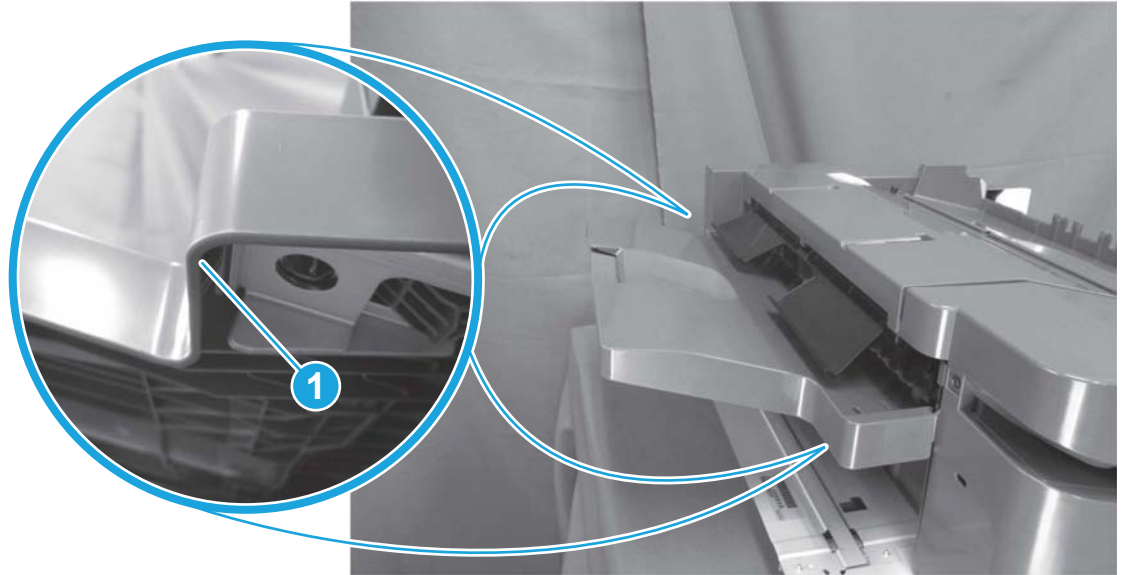
## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

1. Remove the inner finisher stack tray assembly (M776zs).

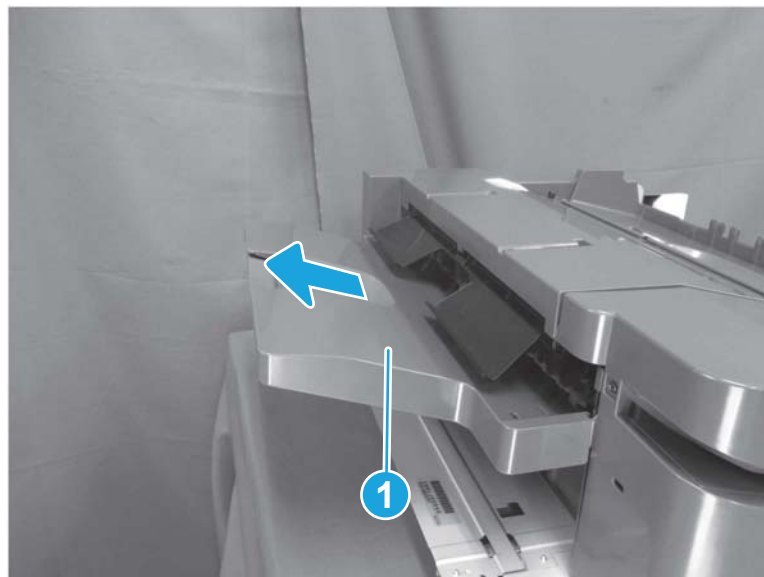
- a. Release two tabs (callout 1).

**Figure 1-2996** Release two tabs



- b. Slide the stack tray assembly (callout 1) away from the finisher to remove it.


**Figure 1-2997** Remove the stack tray assembly



2. Unpack the replacement assembly.

- a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

### Removal and replacement: Inner finisher rear small cover (M776zs)

Learn how to remove and replace the inner finisher rear small cover.


Mean time to repair: 3 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-138** Part information

Part number	Part description
RC5-4834-000CN	Cover, rear, small

#### Required tools

- Small, flat-blade screwdriver

#### After performing service

##### Turn the printer power on

- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

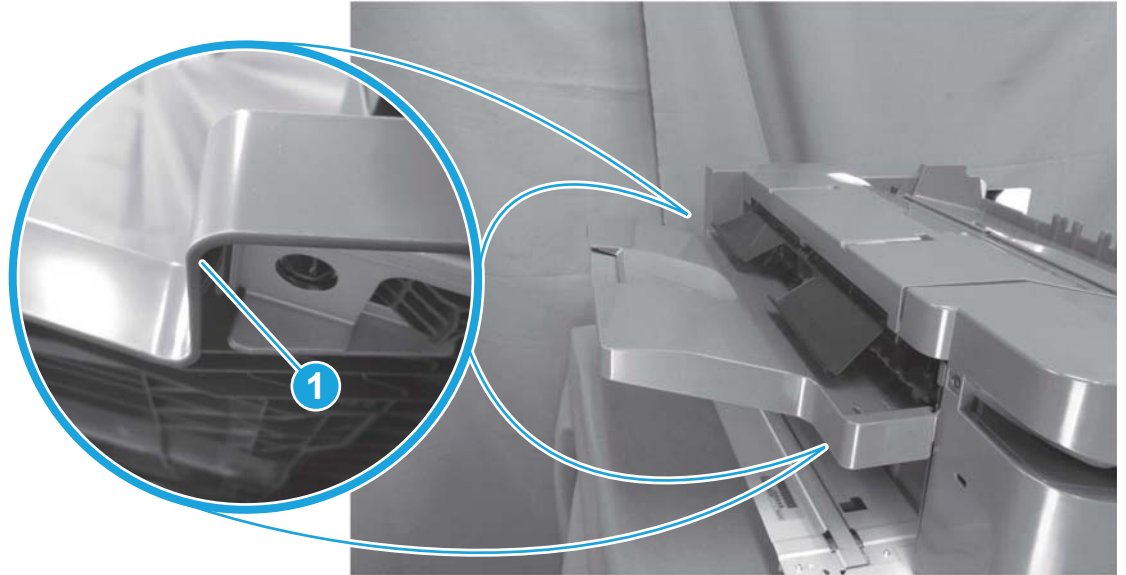
## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

1. Remove the inner finisher stack tray assembly (M776zs).

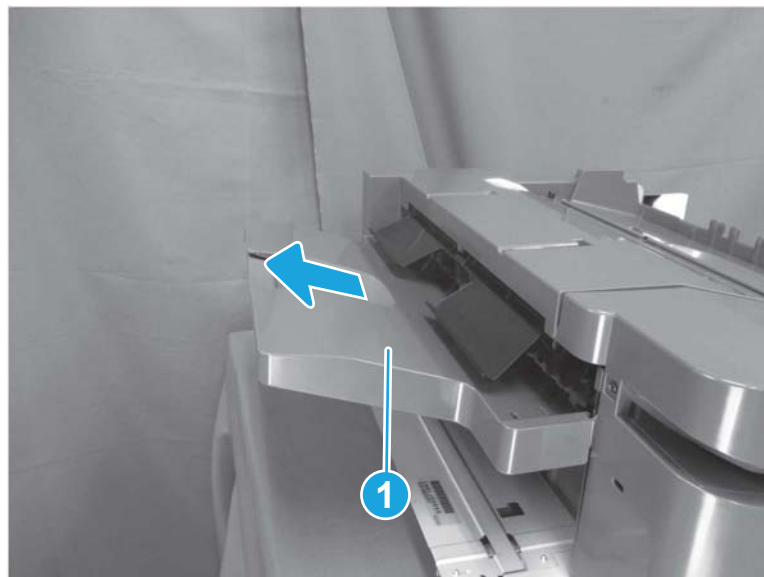
- a. Release two tabs (callout 1).

**Figure 1-2998** Release two tabs



- b. Slide the stack tray assembly (callout 1) away from the finisher to remove it.

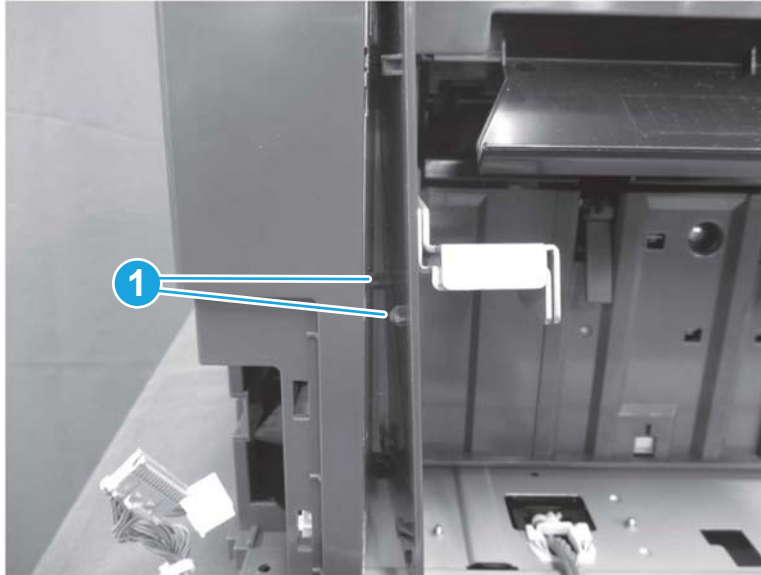
**Figure 1-2999** Remove the stack tray assembly



2. Remove the inner finisher rear small cover (M776zs).

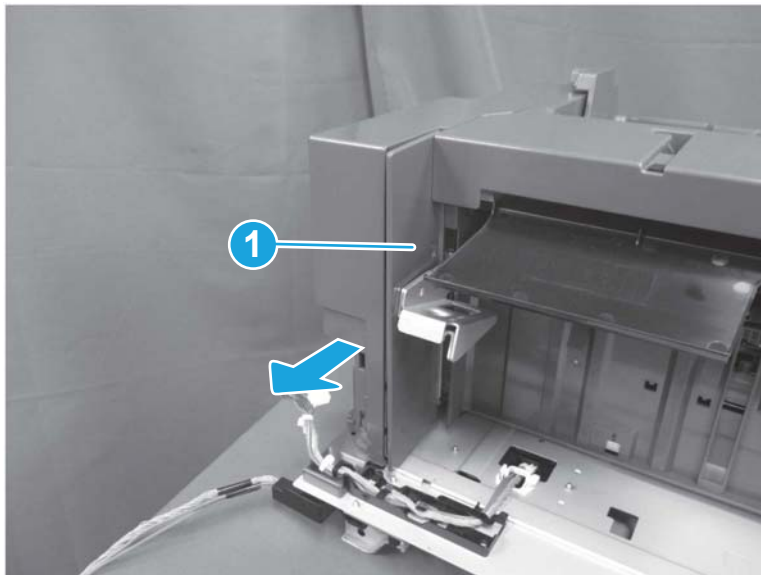
- a. Release two bosses (callout 1).

Figure 1-3000 Release two bosses



- b. Slide the rear small cover (callout 1) away from the finisher to remove it.

Figure 1-3001 Remove the rear small cover



- 3. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

### Removal and replacement: Inner finisher latch cover (M776zs)

Learn how to remove and replace the inner finisher latch cover.


Mean time to repair: 5 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-139** Part information

Part number	Part description
RC5-4840-000CN	Cover, latch

#### Required tools

- #2 Phillips screwdriver with a magnetic tip

#### After performing service

##### Turn the printer power on

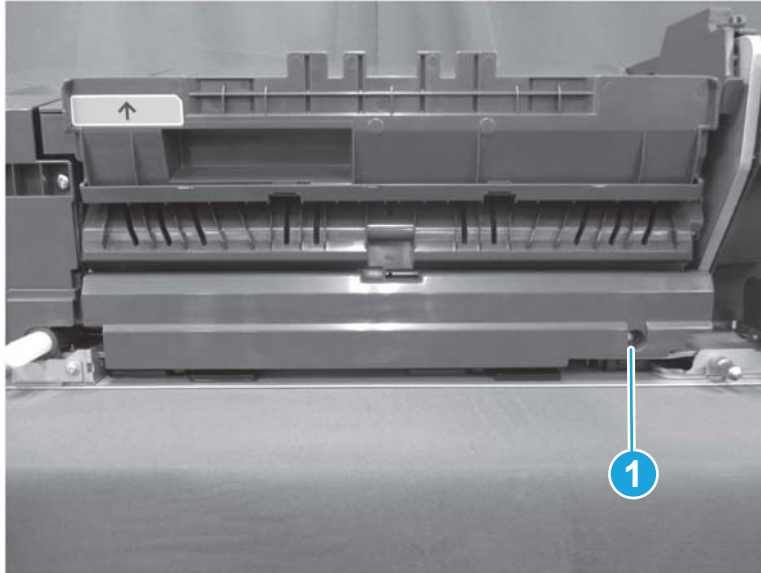
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

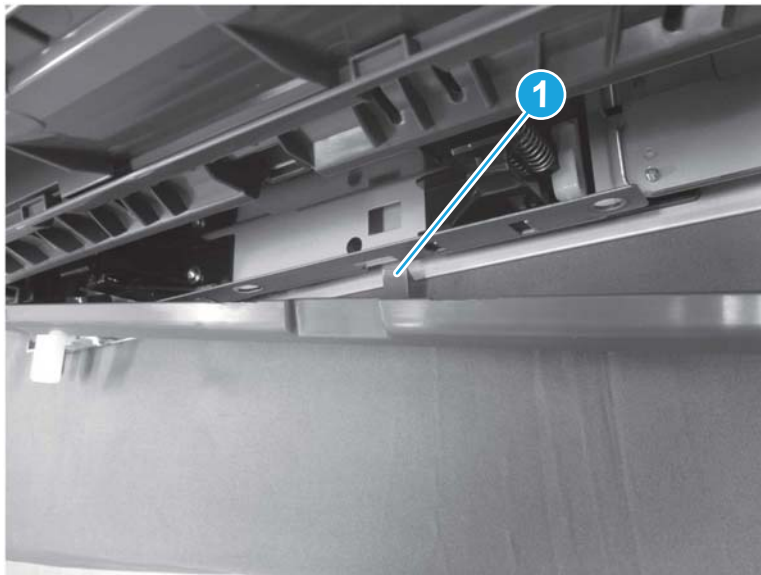
1. Remove the inner finisher latch cover (M776zs).
  - a. Remove one screw (callout 1).

Figure 1-3002 Remove one screw



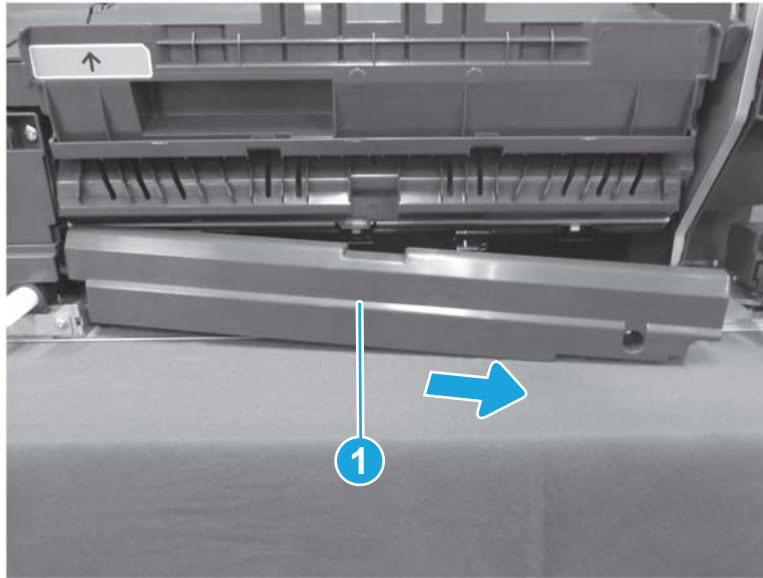
- b. Release one tab (callout 1).

Figure 1-3003 Release one tab



- c. Slide the latch cover (callout 1) to the right to remove it.

**Figure 1-3004** Remove the latch cover



2. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Inner finisher upper entrance guide (M776zs)

Learn how to remove and replace the inner finisher upper entrance guide.

Mean time to repair: 5 minutes


Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-140** Part information

Part number	Part description
RM2-2434-000CN	Entrance guide assembly, upper

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

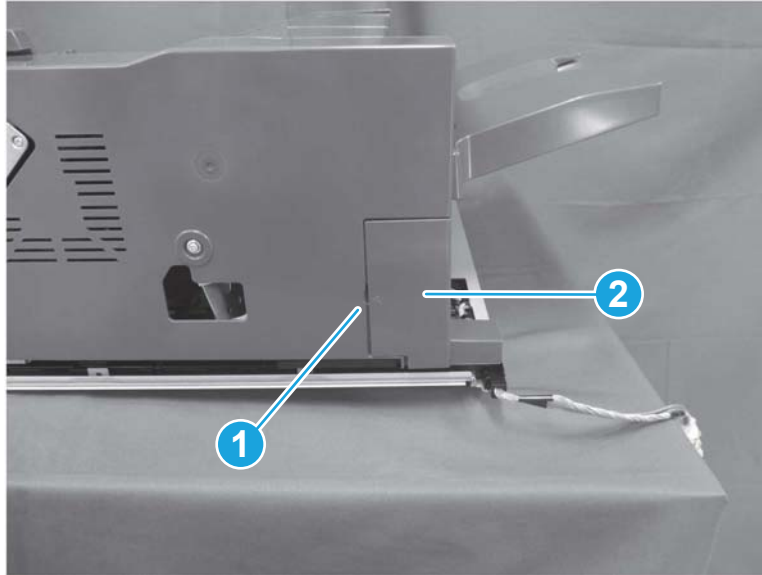
### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

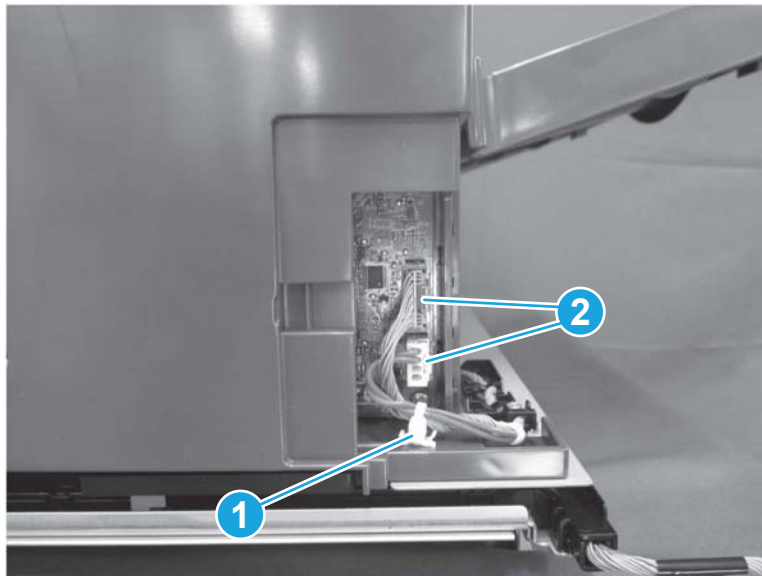


Figure 1-3005 Remove the connector cover



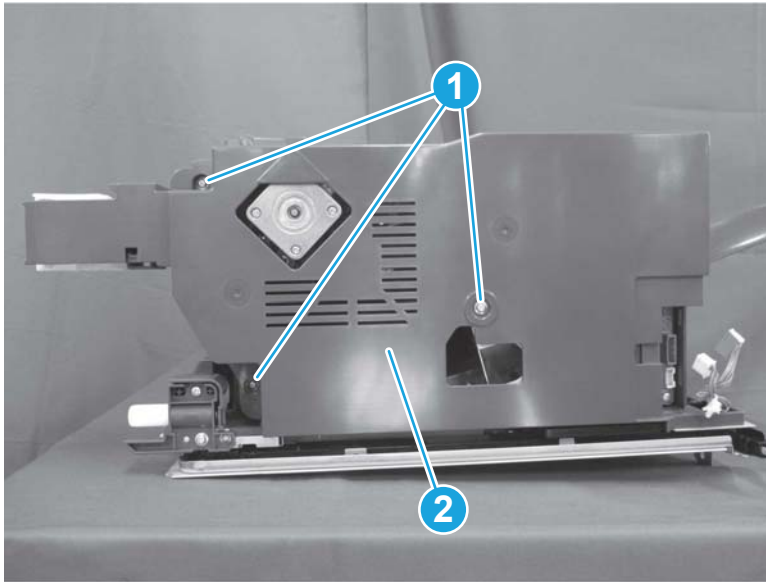
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3006 Disconnect two connectors



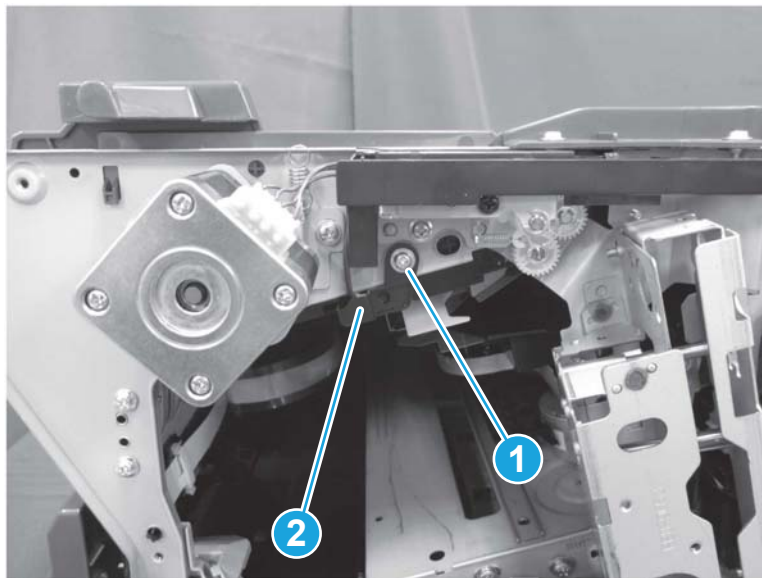
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3007 Remove the rear cover



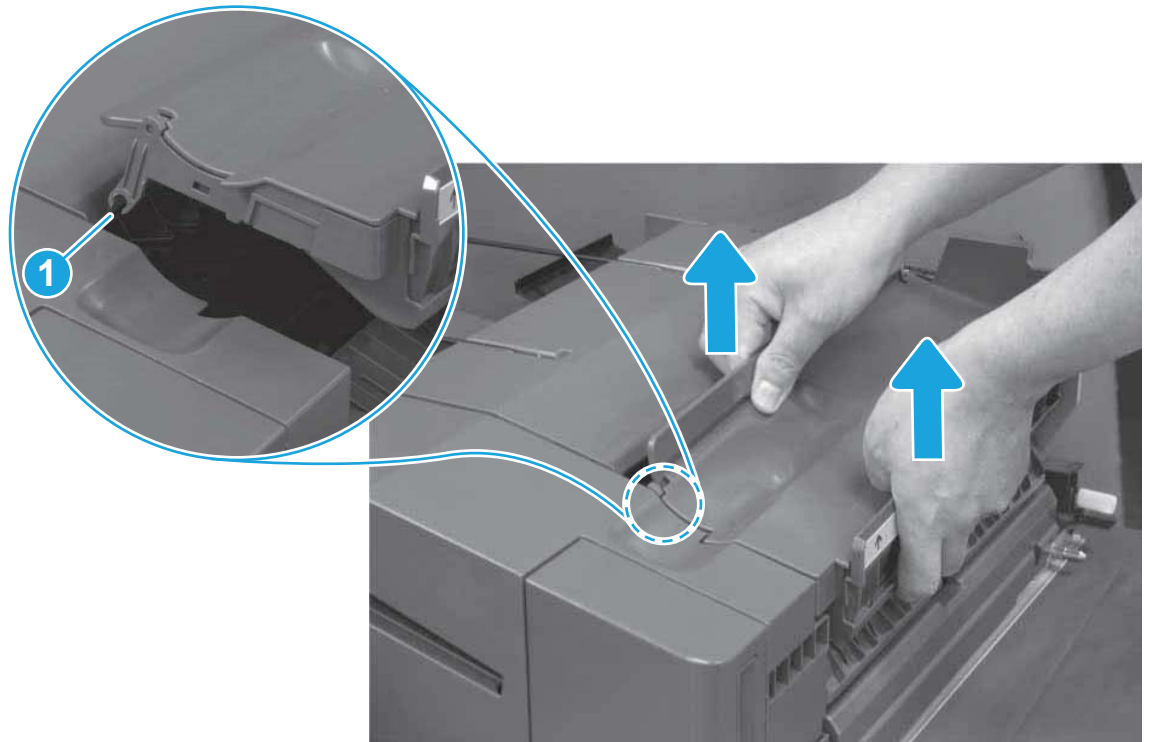
3. Remove the inner finisher upper entrance guide (M776zs).
      - a. Remove one screw (callout 1), and then remove the fixed pin (callout 2).

Figure 1-3008 Remove one screw and pin



- b. Lift up on the upper entrance guide to release the arm (callout 1) from the shaft.

**Figure 1-3009** Remove the upper entrance guide



4. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Inner finisher upper feed guide (Mc776zs)

Learn how to remove and replace the inner finisher upper feed guide.


Mean time to repair: 8 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-141 Part information**

Part number	Part description
RM2-2432-000CN	Paper feed guide assembly, upper

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

## After performing service

### Turn the printer power on

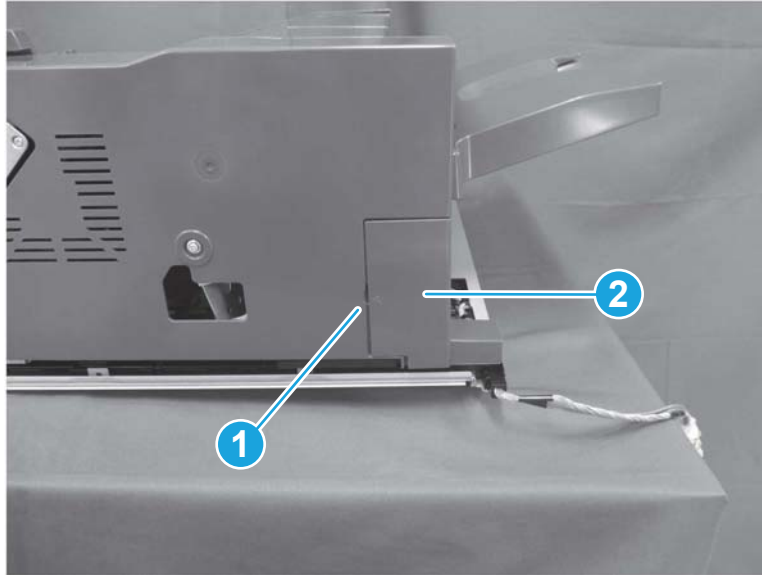
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

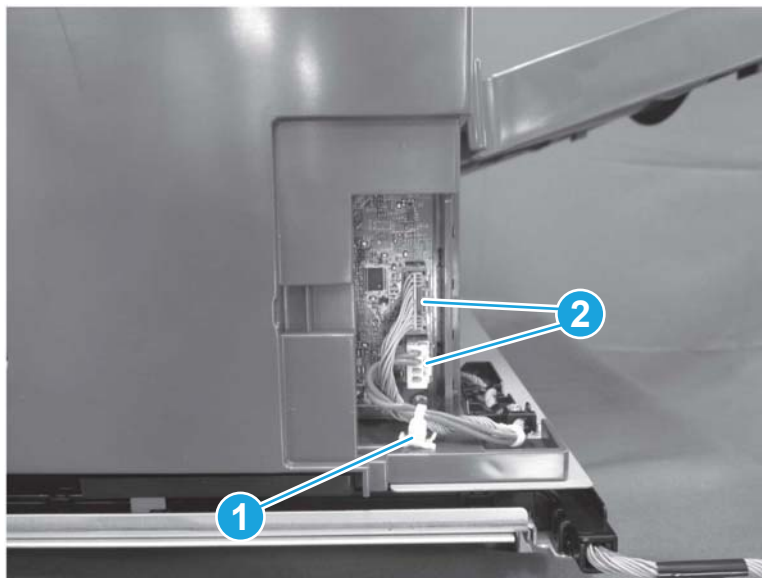
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3010 Remove the connector cover



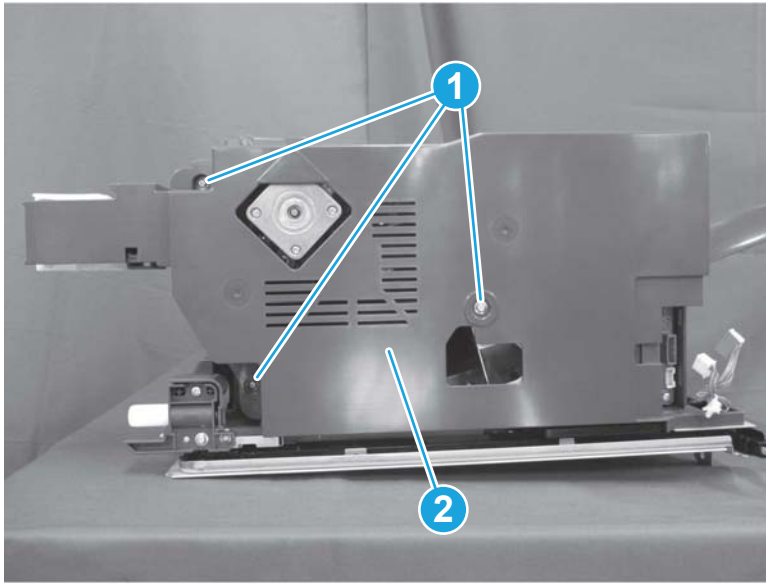
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3011 Disconnect two connectors



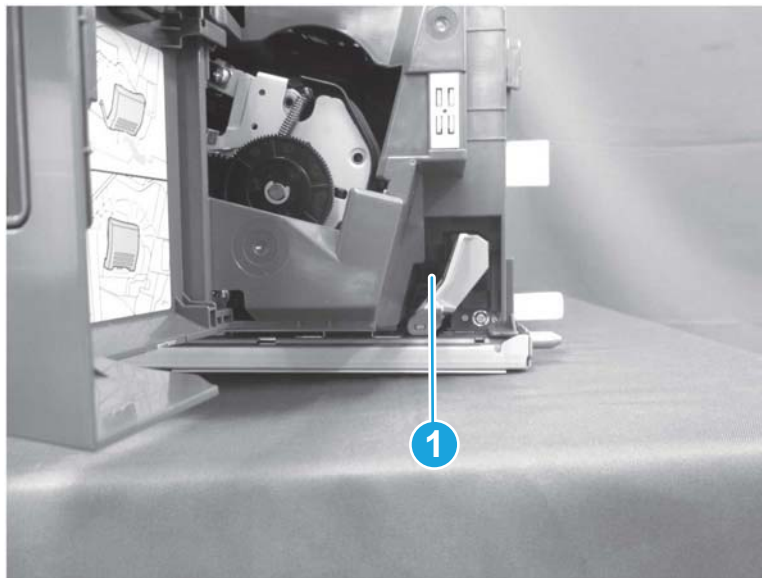
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3012 Remove the rear cover



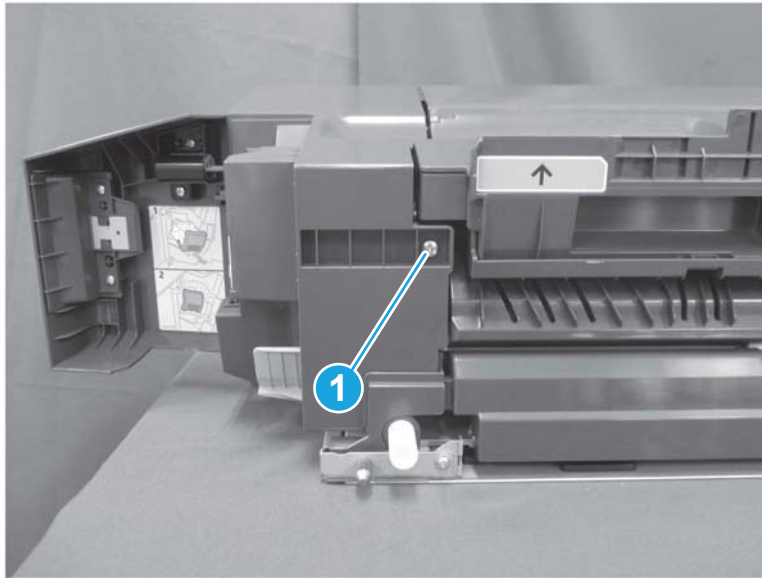
3. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

Figure 1-3013 Remove one screw



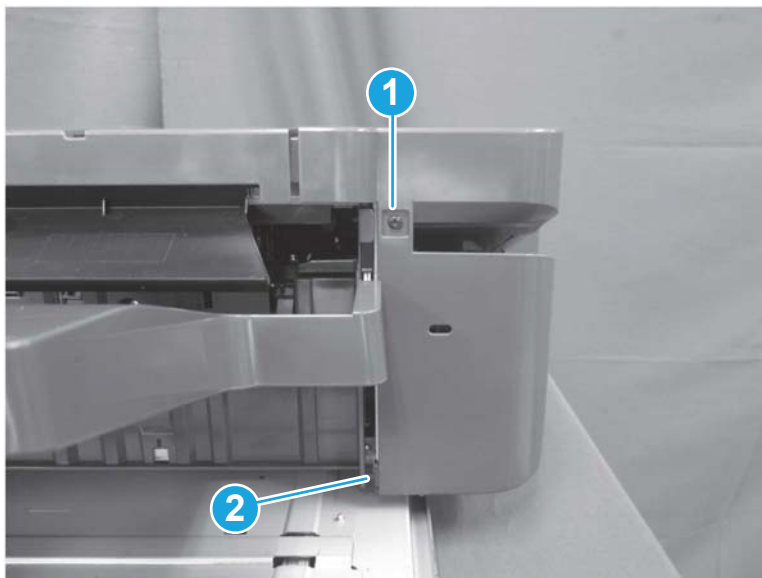
- b. Remove one screw (callout 1).

Figure 1-3014 Remove one screw



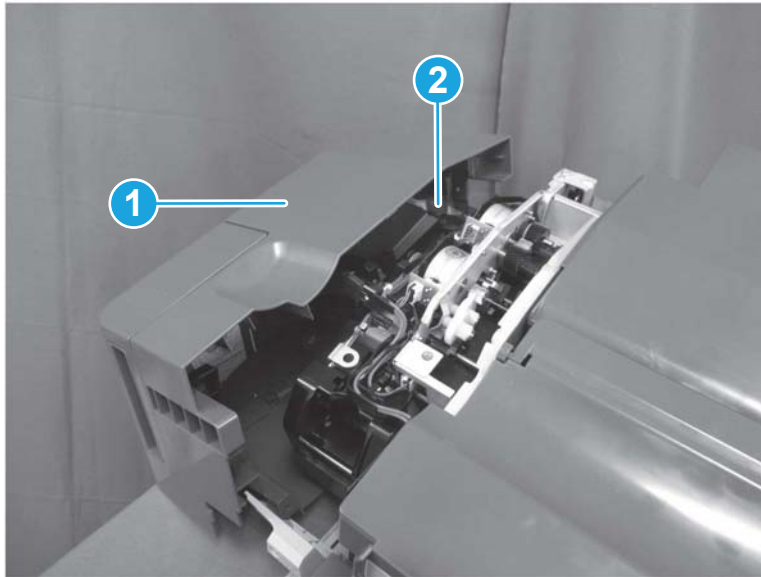
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3015 Remove one screw and release one tab



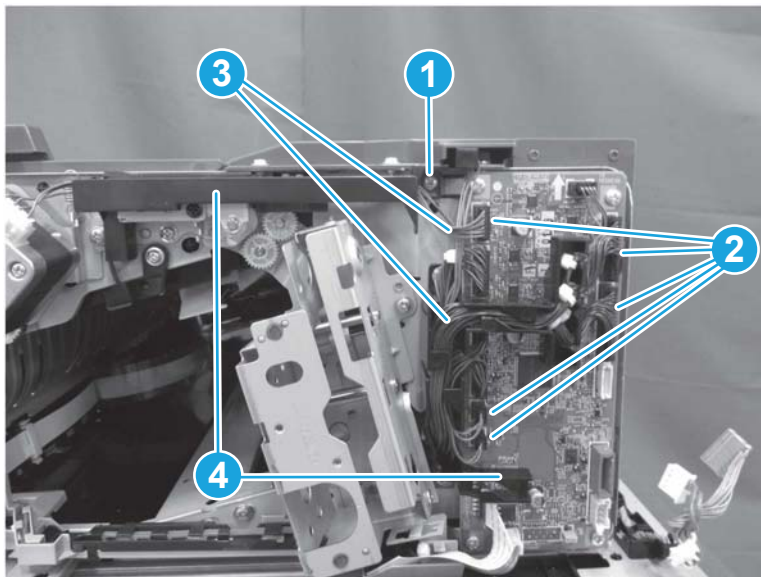
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3016 Remove the front cover



- 4. Remove the inner finisher upper feed guide (M776zs).
  - a. Remove one screw (callout 1), and then disconnect five connectors (callout 2). Release the cables (callout 3) from the guide (callout 4).

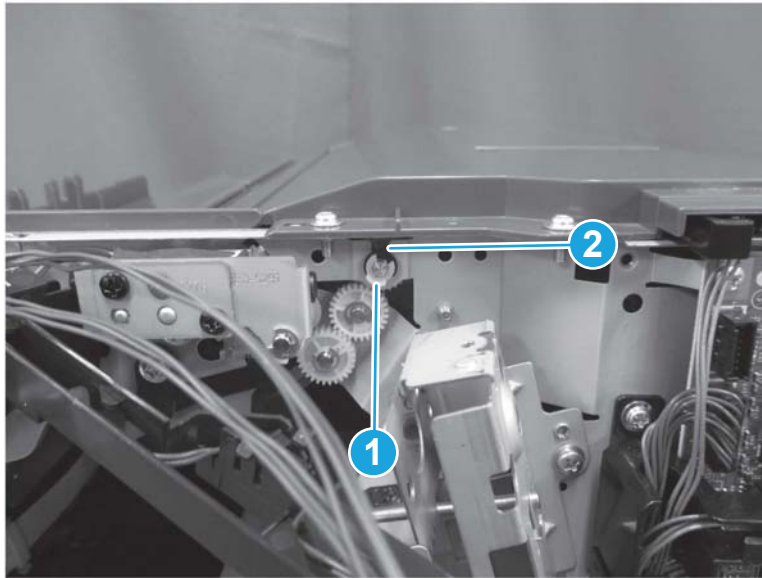
Figure 1-3017 Remove one screw and disconnect five connectors





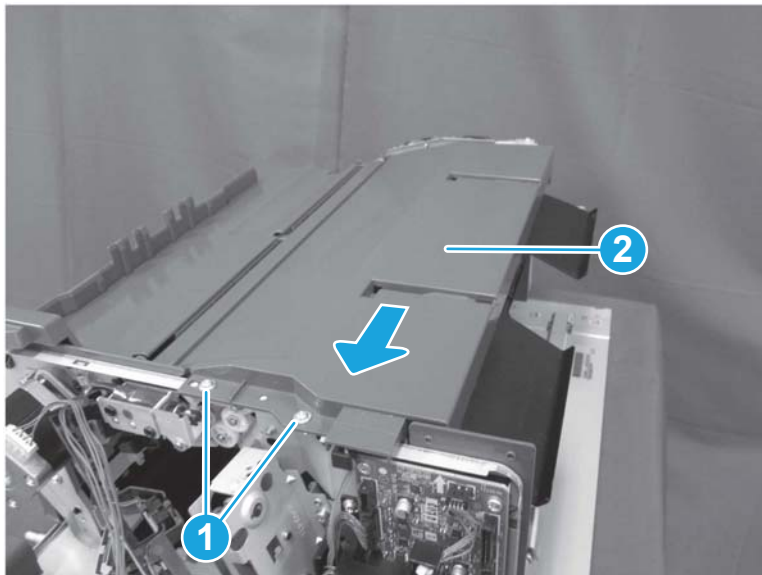
- b. Remove one e-clip (callout 1), and then remove the bushing (callout 2).

Figure 1-3018 Remove e-clip and bushing




- c. Remove one screw (callout 1). Lift the upper feed guide (callout 2), and then slide it towards the front of the finisher to remove it.

Figure 1-3019 Remove the upper feed guide



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher paddle assembly (M776zs)

Learn how to remove and replace the inner finisher paddle assembly.


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-142** Part information

Part number	Part description
FM1-C422-000CN	Paddle unit

### Required tools

- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

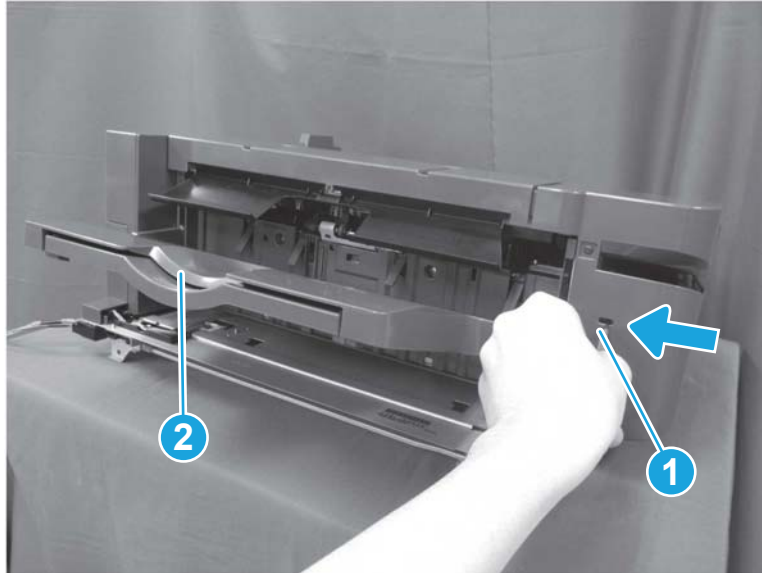
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

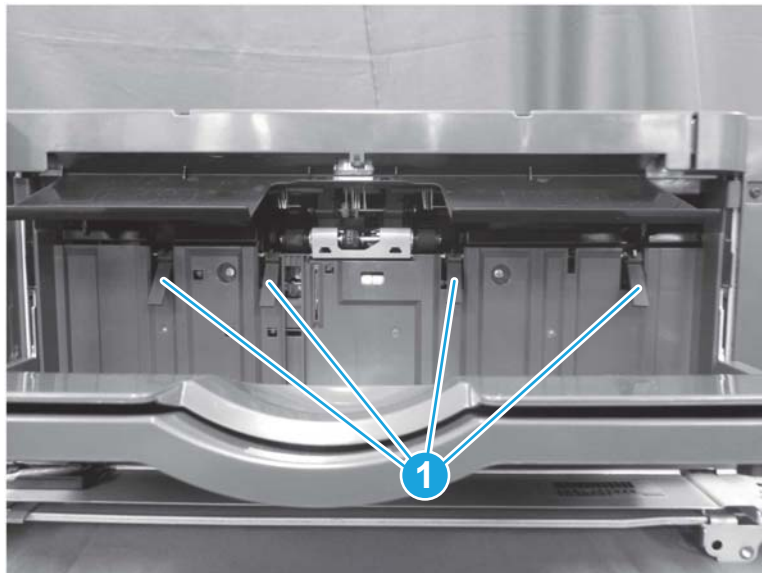
1. Remove the inner finisher paddle assembly (M776zs).
  - a. Insert a small, flat-blade screwdriver into the opening (callout 1). Slide the screwdriver to the left to lower the stack tray assembly (callout 2).

**Figure 1-3020** Lower the stack tray assembly




- b. Pull out on the paddle assembly (callout 1) to remove it.

**Figure 1-3021** Remove the paddle assembly



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher paddle drive assembly (M776zs)

Learn how to remove and replace the inner finisher paddle drive assembly.


Mean time to repair: 15 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-143** Part information

Part number	Part description
FM1-C426-000CN	Paddle drive assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

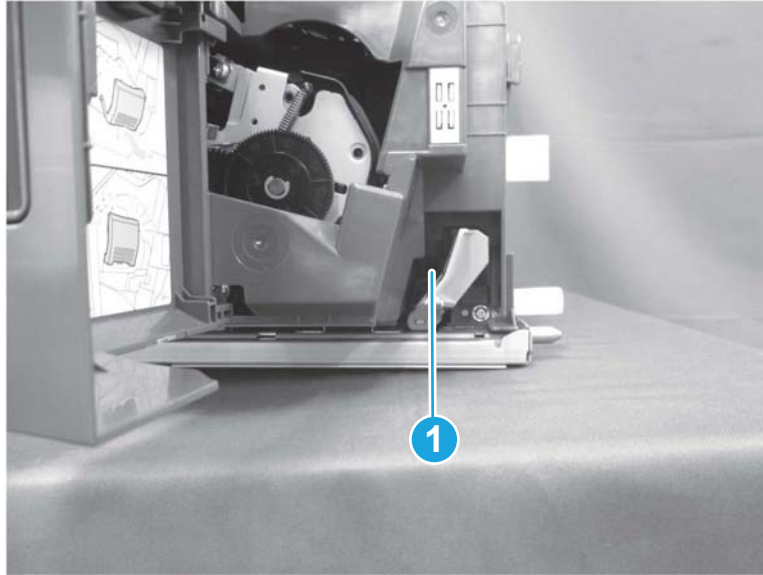
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

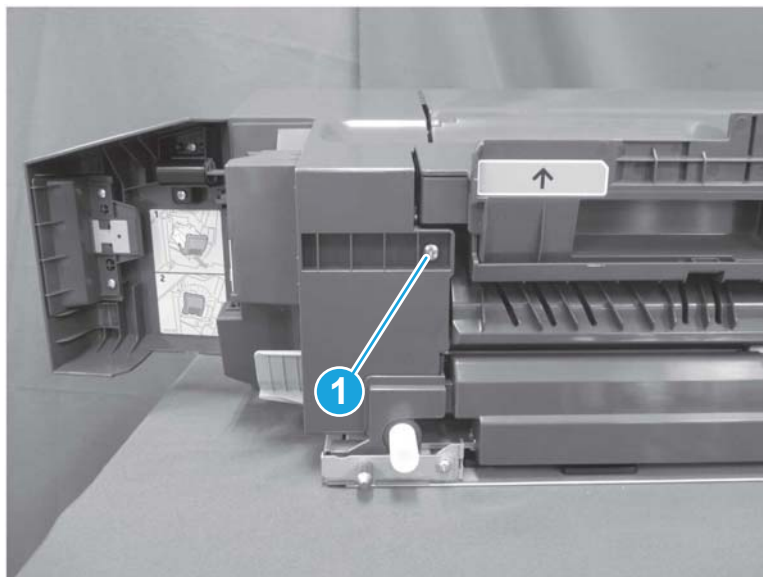
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

**Figure 1-3022** Remove one screw



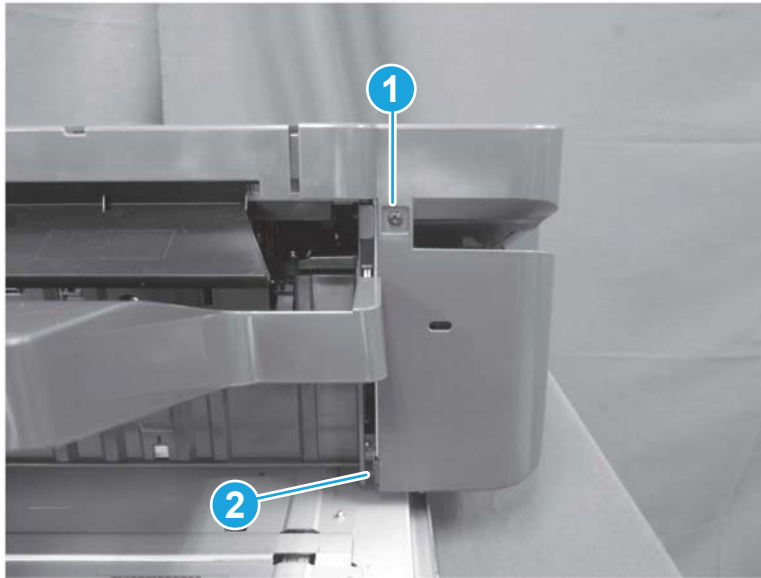
- b. Remove one screw (callout 1).

**Figure 1-3023** Remove one screw



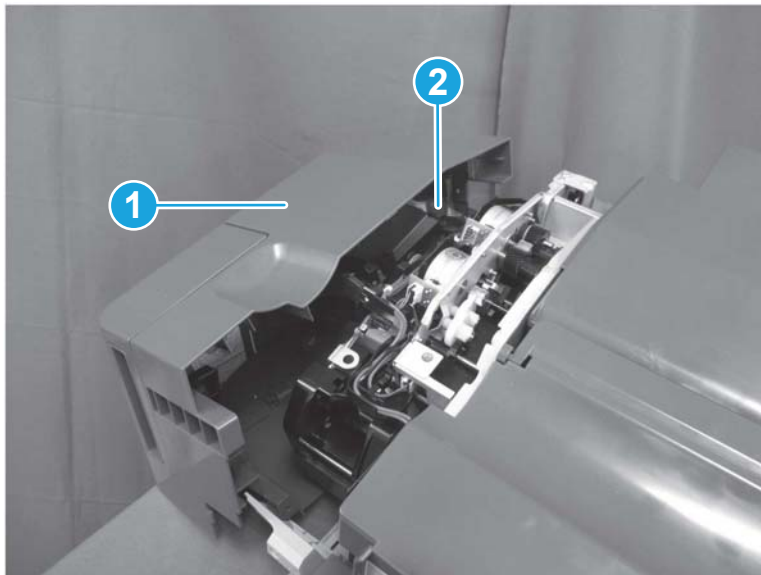
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3024 Remove one screw and release one tab



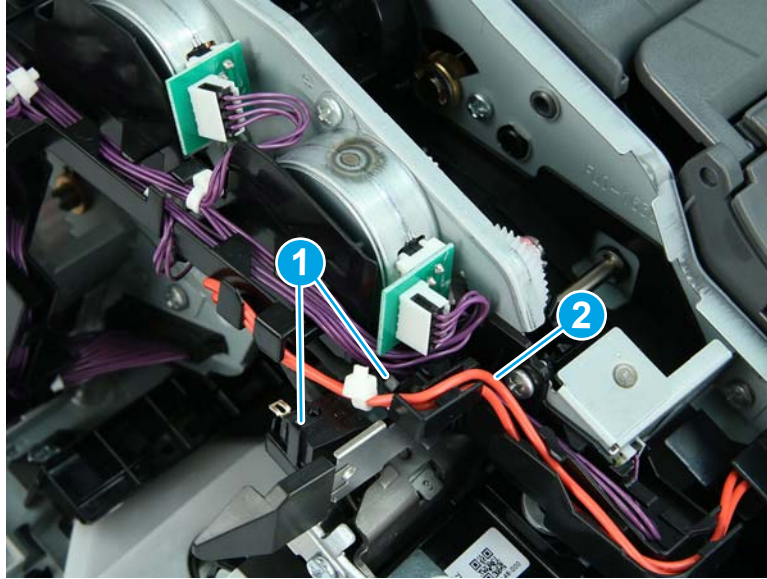
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3025 Remove the front cover



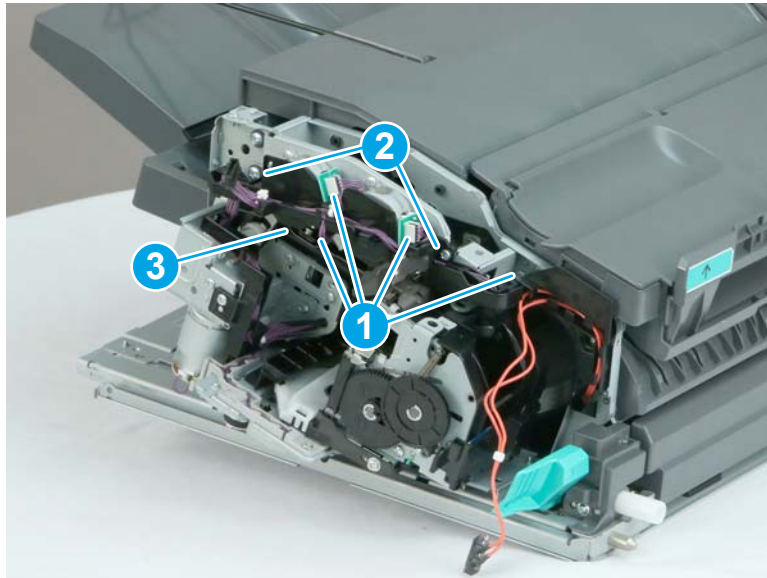
- 2. Remove the inner finisher paddle drive assembly (M776zs).
  - a. Release two tabs (callout 1) to release the interlock switch, and then remove the cable (callout 2) from the guide.

Figure 1-3026 Release the interlock switch



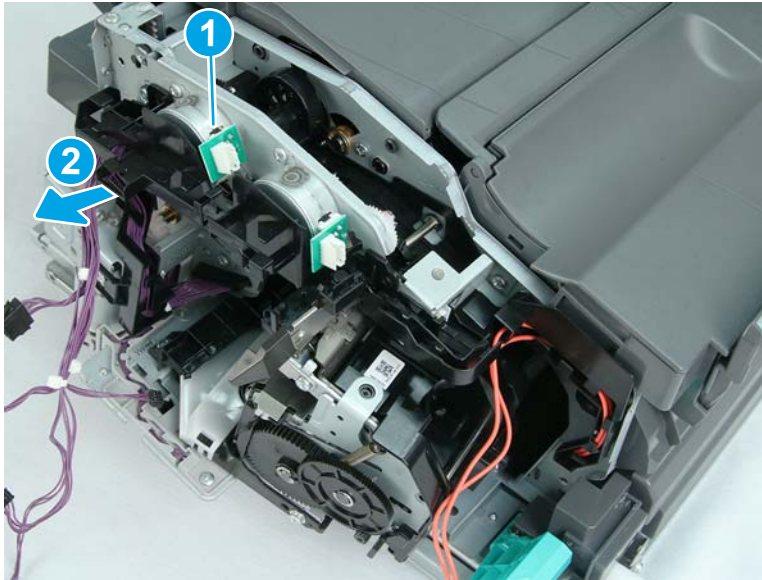
- b. Disconnect four connectors (callout 1), remove two screws (callout 2), and then release the cables from the guide (callout 3).

Figure 1-3027 Disconnect four connectors and remove two screws



- c. Release one tab (callout 1), and then remove the guide (callout 2).

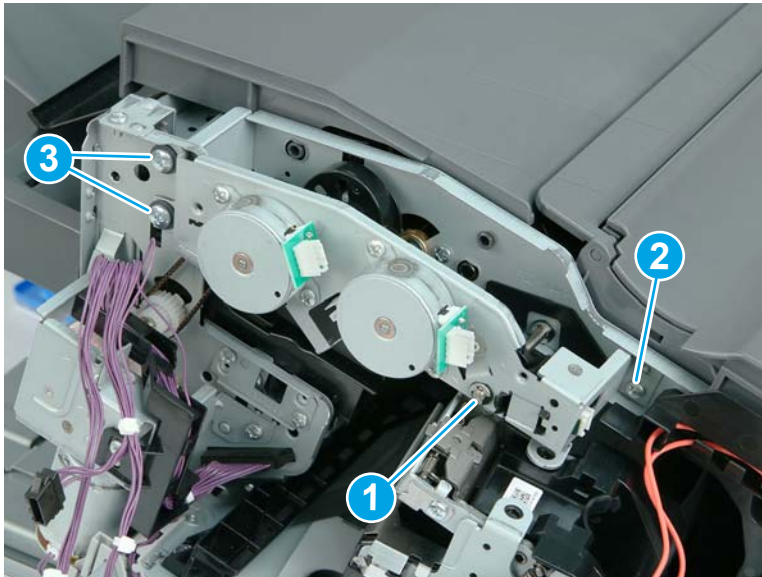
Figure 1-3028 Remove the guide



- d. Remove one e-ring and bushing (callout 1), remove one screw (callout 2), then remove two screws (callout 3).

 **Reinstallation tip:** One screw (callout 2) is smaller than the other two screws. Make sure this screw is installed in the correct position.

Figure 1-3029 Remove one e-ring and bushing and two screws





- e. Lift the paddle drive assembly slightly away from the finisher, and then release one belt from the gear (callout 1). Remove the paddle drive assembly.

**Figure 1-3030** Release the belt and remove the paddle drive assembly



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Inner finisher latch assembly (M776zs)

Learn how to remove and replace the inner finisher latch assembly.

Mean time to repair: 17 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-144** Part information

Part number	Part description
RM2-2442-000CN	Latch assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

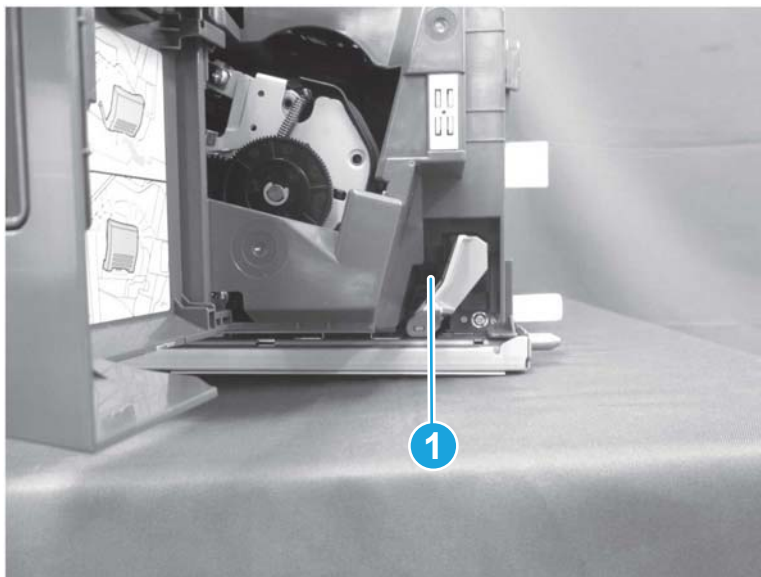
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

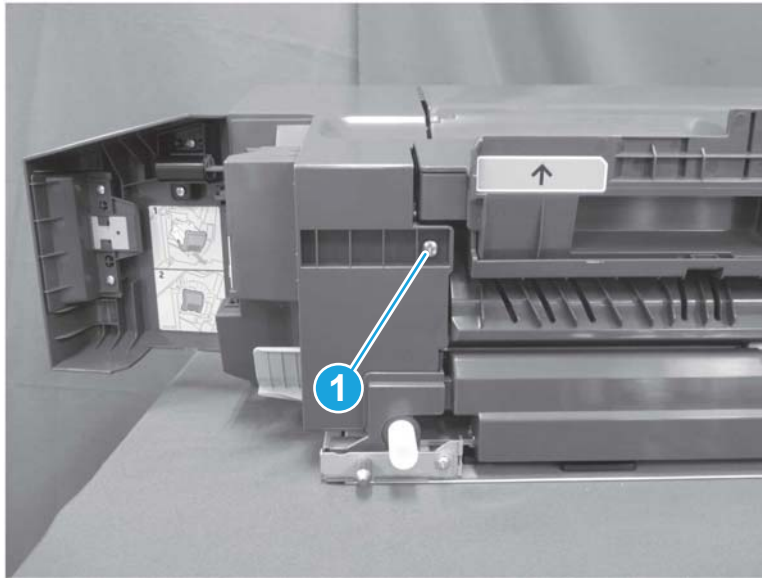
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

**Figure 1-3031** Remove one screw



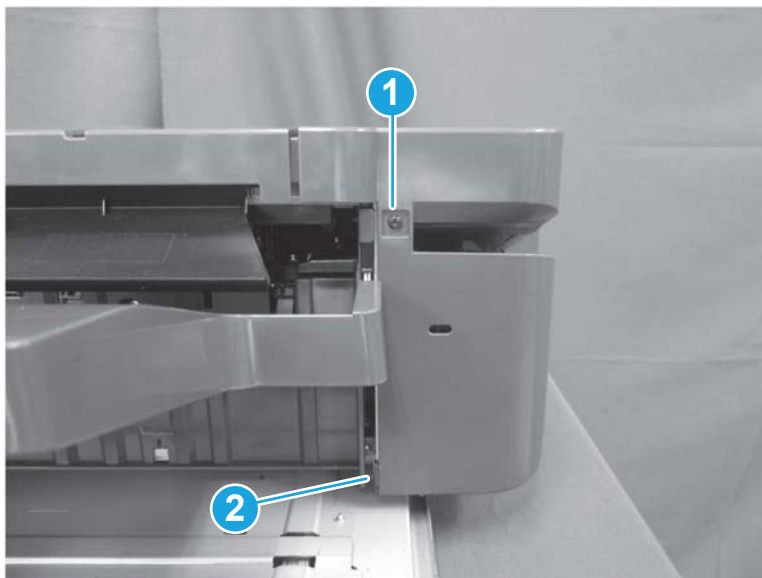
- b. Remove one screw (callout 1).

Figure 1-3032 Remove one screw



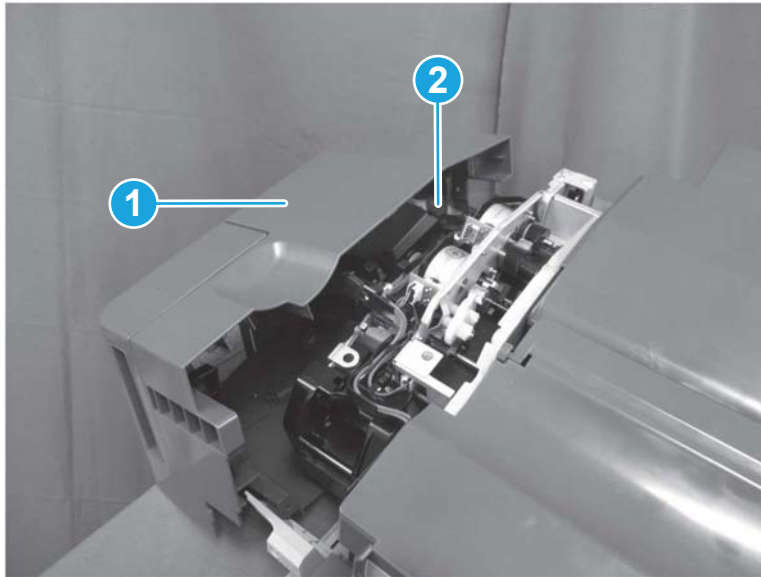
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3033 Remove one screw and release one tab



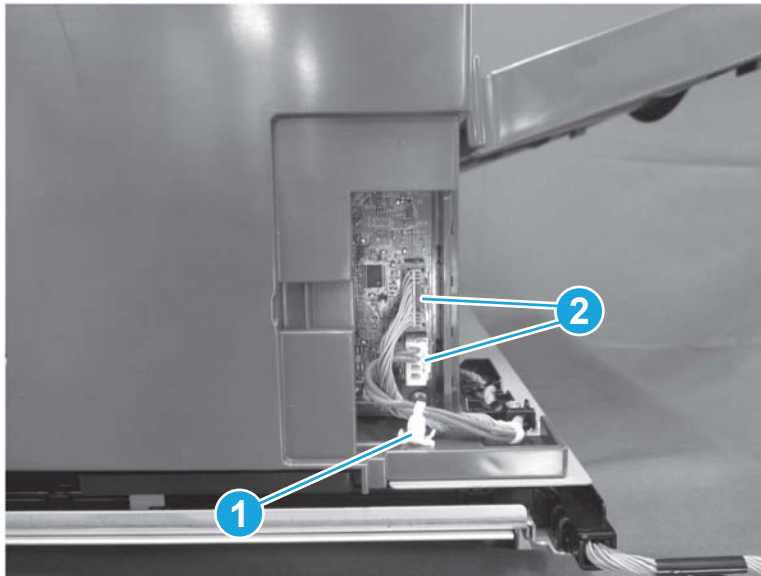
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3034 Remove the front cover



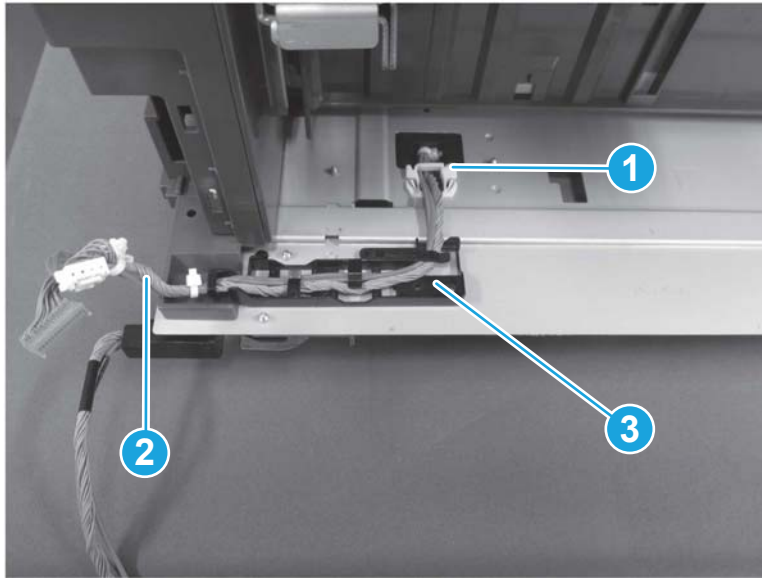
2. Remove the inner finisher latch assembly (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3035 Disconnect two connectors



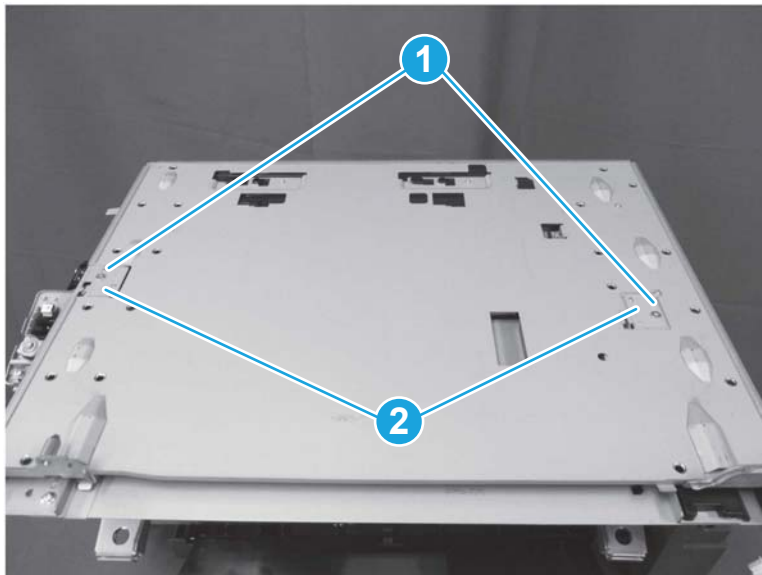
- b. Open one retainer (callout 1), and then release the cables (callout 2) from the cable guides (callout 3).

**Figure 1-3036** Release the cables



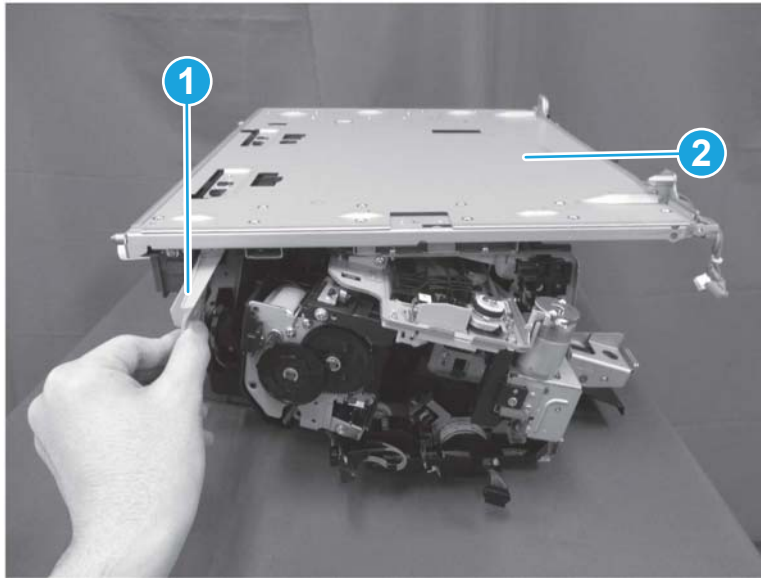
- c. Place the finisher face-down. Remove two screws (callout 1), and then remove two stoppers (callout 2).

**Figure 1-3037** Remove two screws and stoppers



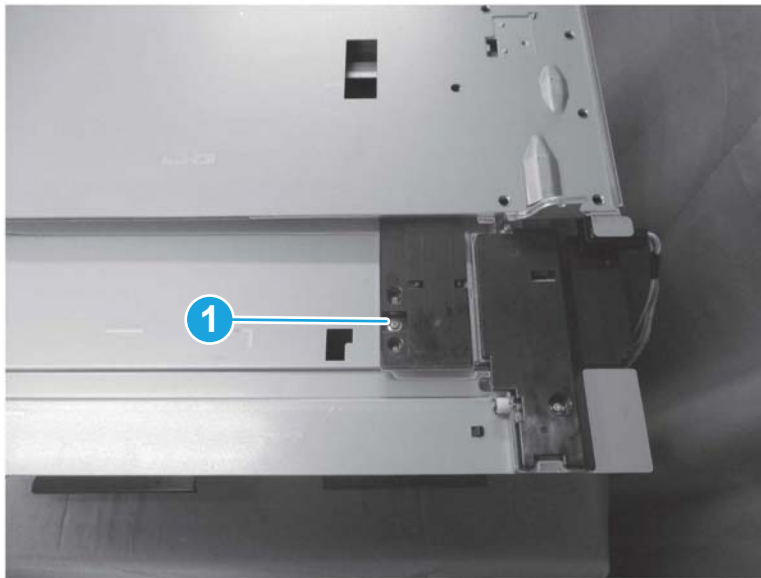
- d. Tilt the release lever (callout 1), and then slide the bottom slide assembly (callout 2) to the right.

Figure 1-3038 Release the latch and slide the assembly



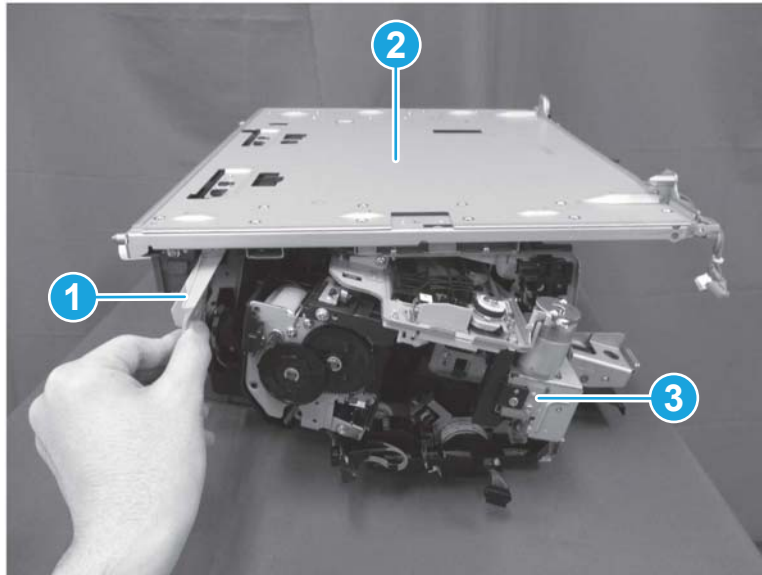
- e. Remove one screw (callout 1).

Figure 1-3039 Remove one screw



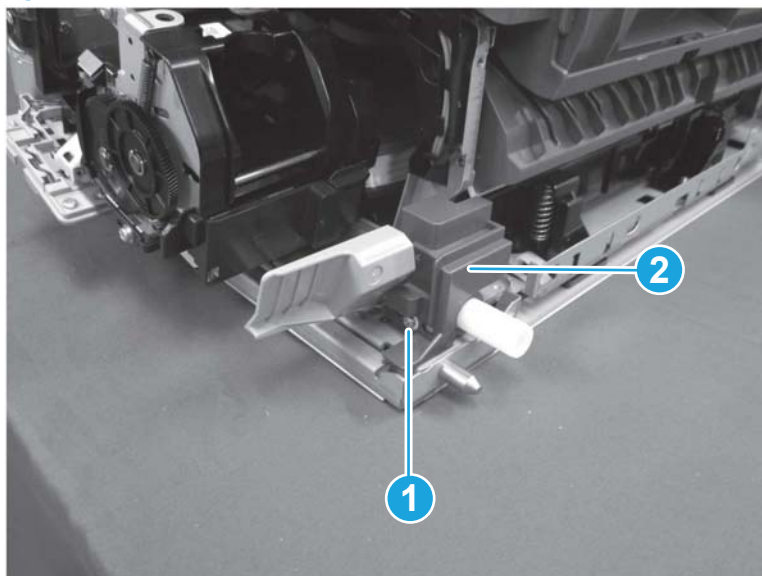
- f. Tilt the release lever (callout 1), and then slide the bottom slide assembly (callout 2) to remove it from the inner finisher (callout 3).

Figure 1-3040 Remove the bottom slide assembly



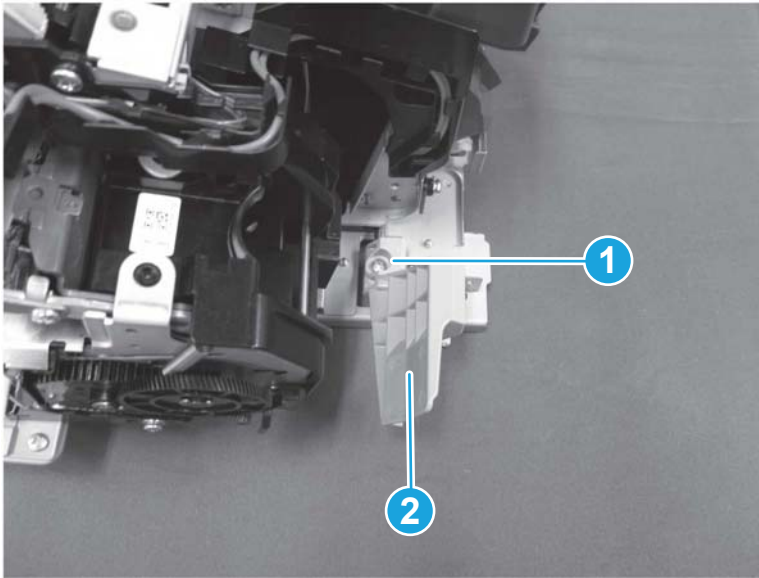
- g. Place the inner finisher face-up. Remove one screw (callout 1), and then remove the push assembly (callout 2)

Figure 1-3041 Remove the push assembly



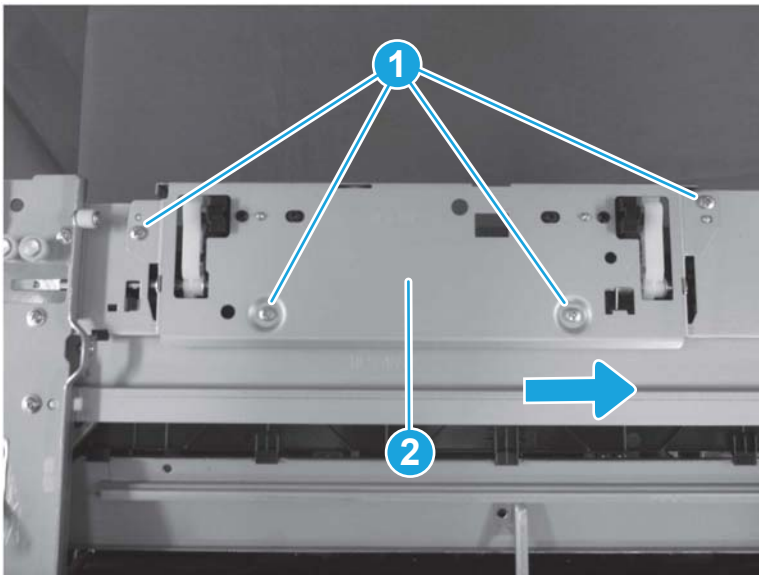
- h. Remove one screw (callout 1), and then remove the release lever (callout 2)

Figure 1-3042 Remove the release lever



- i. Place the finisher face-down. Remove four screws (callout 1). Slide the latch assembly (callout 2) to the right to remove it.


Figure 1-3043 Remove the latch assembly



- 3. Unpack the replacement assembly.
  - a. Dispose of the defective part.




---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Inner finisher stapler assembly (M776zs)

Learn how to remove and replace the inner finisher stapler assembly.


Mean time to repair: 15 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-145** Part information

Part number	Part description
RM2-2453-000CN	Staple assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

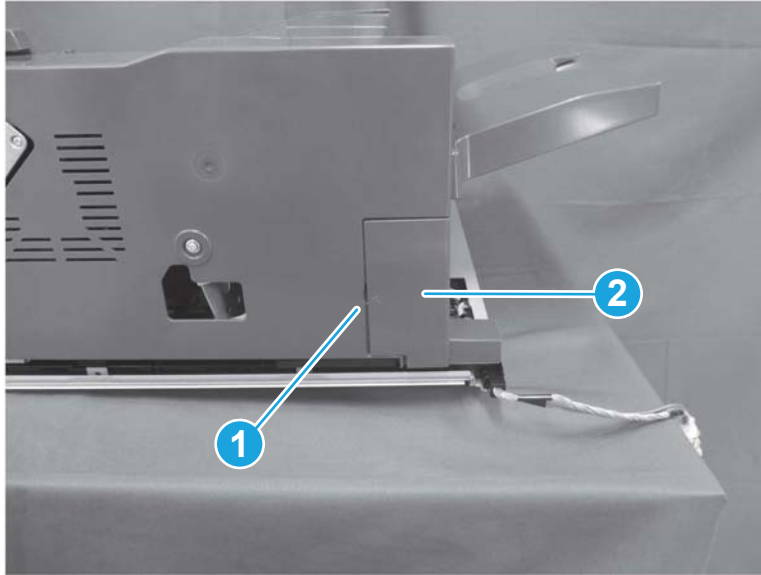
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

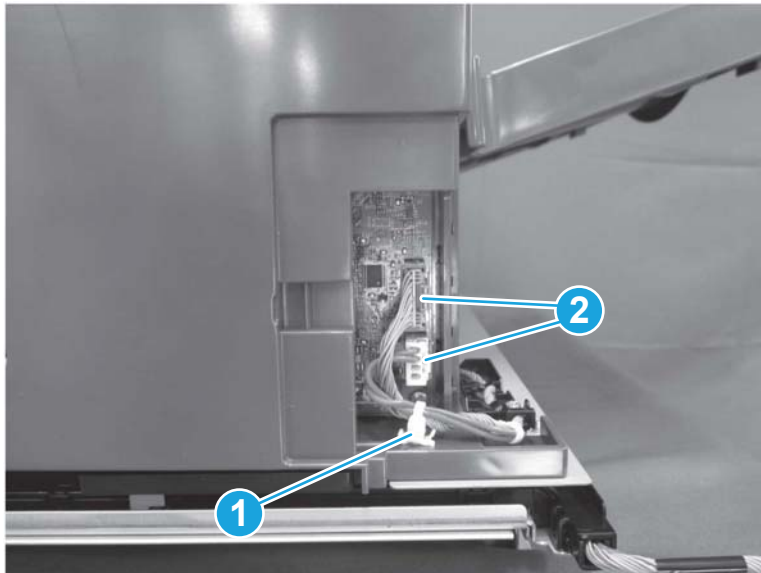
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3044 Remove the connector cover



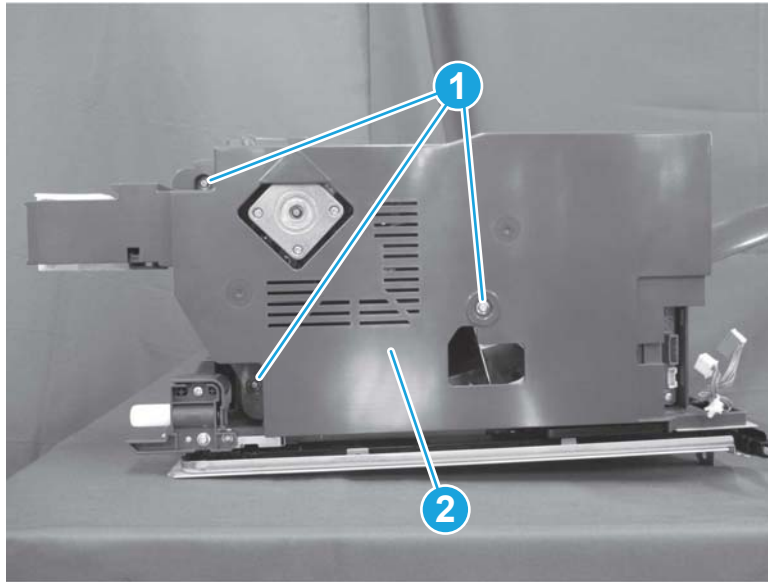
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3045 Disconnect two connectors



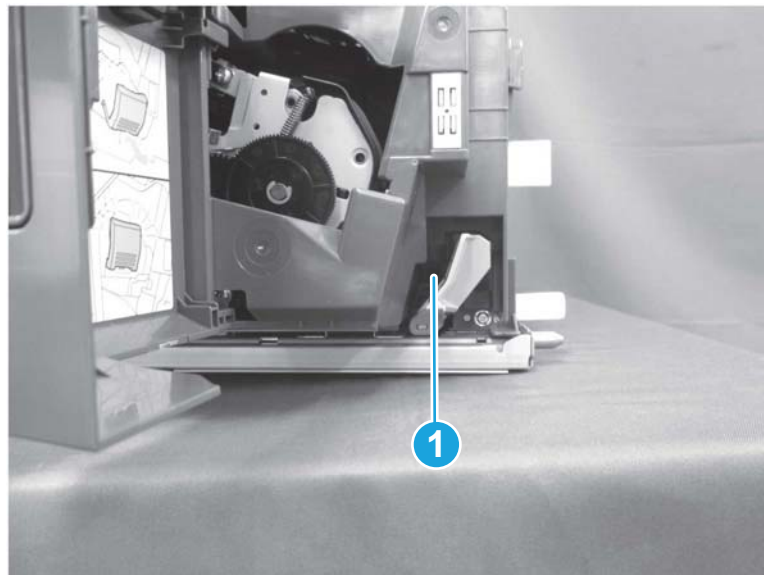
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3046 Remove the rear cover



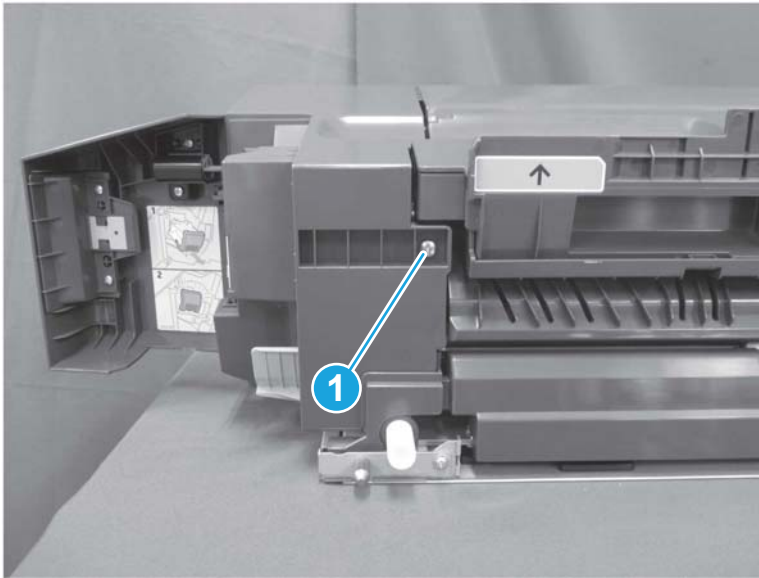
3. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

Figure 1-3047 Remove one screw



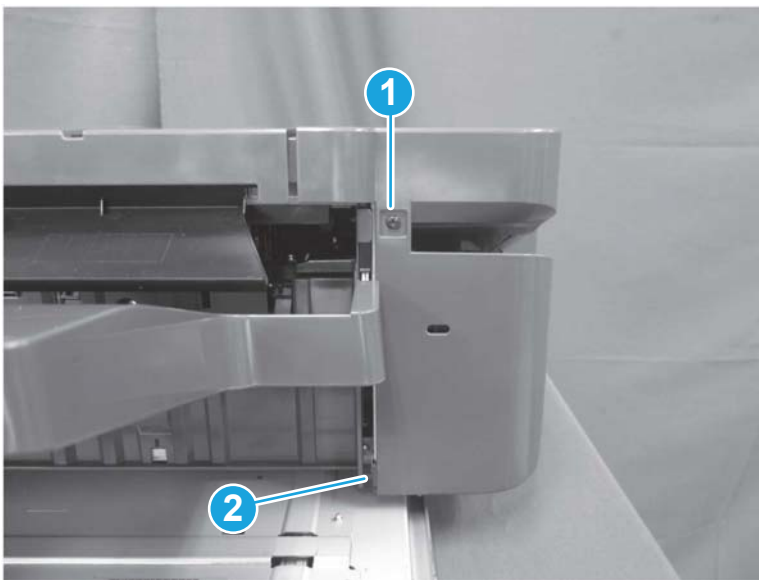
- b. Remove one screw (callout 1).

Figure 1-3048 Remove one screw



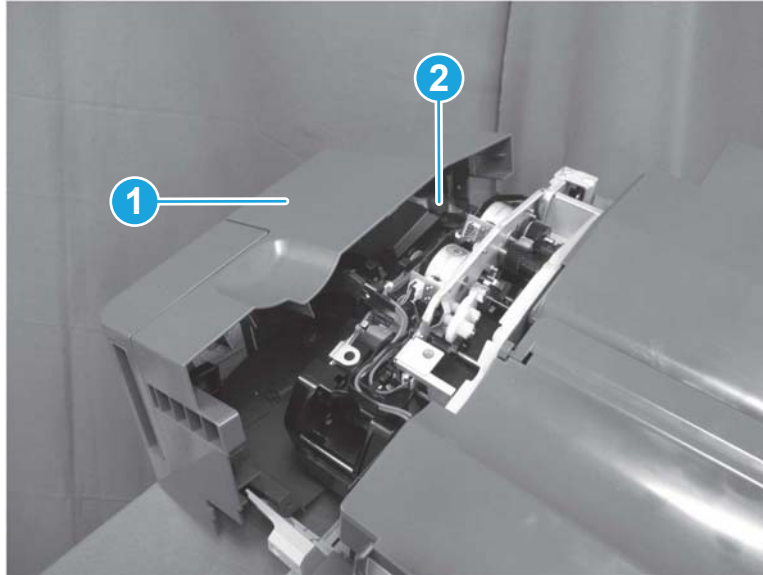
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3049 Remove one screw and release one tab



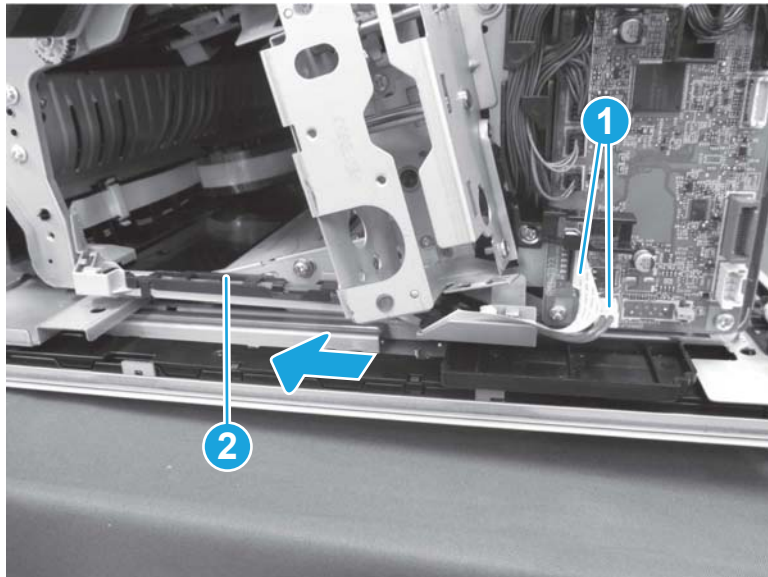
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

**Figure 1-3050** Remove the front cover



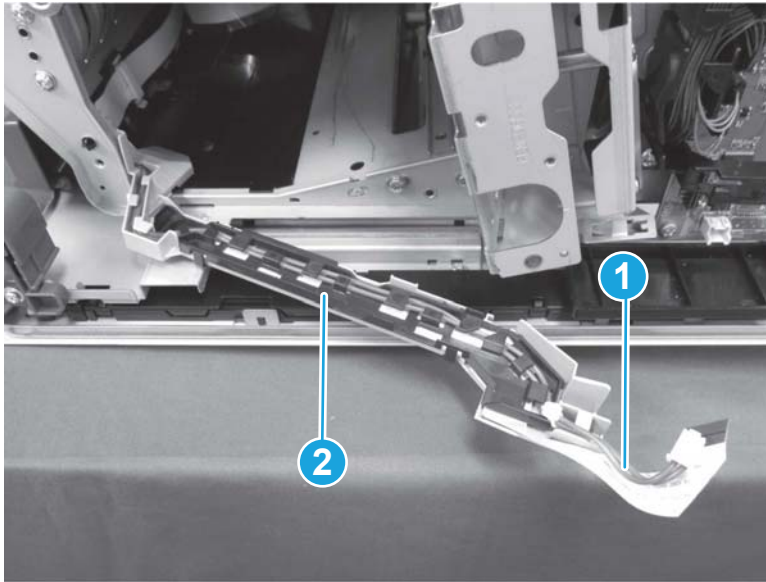
4. Remove the inner finisher stapler assembly (M776zs).
  - a. Disconnect two connectors (callout 1), and then slide the cable guide (callout 2) to the left to remove it.

**Figure 1-3051** Disconnect two connectors and remove the cable guide



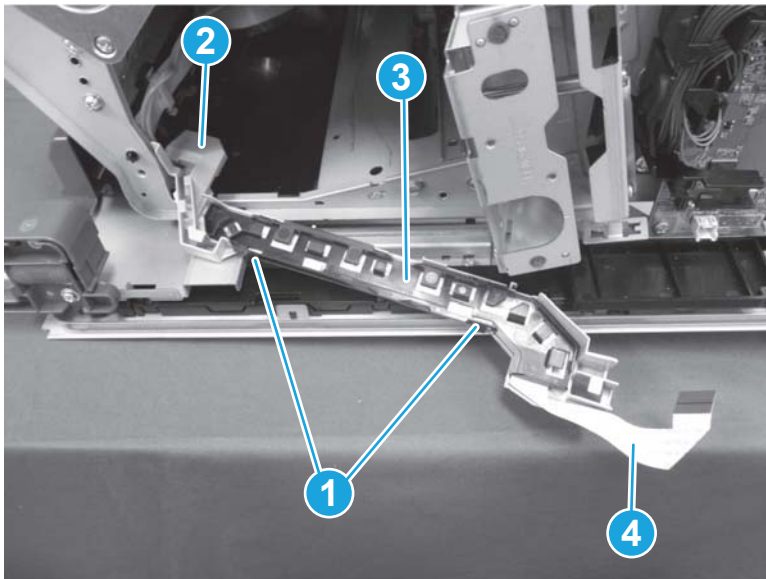
- b. Release the cable (callout 1), from the cable guide (callout 2).

Figure 1-3052 Release the cable from the cable guide



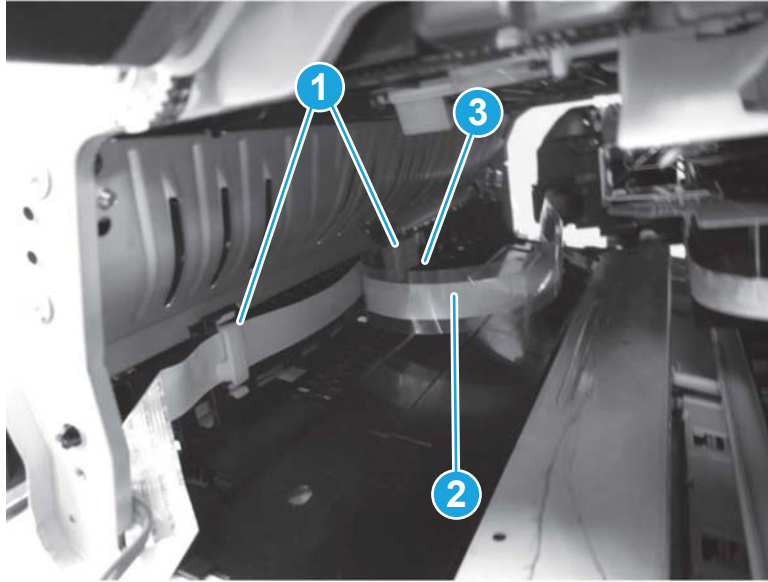
- c. Release two tabs (callout 1). Release the outer cable guide (callout 2) from the inner cable guide (callout 3). Remove the flat cable (callout 4) from the cable guide.

Figure 1-3053 Release the cable guides



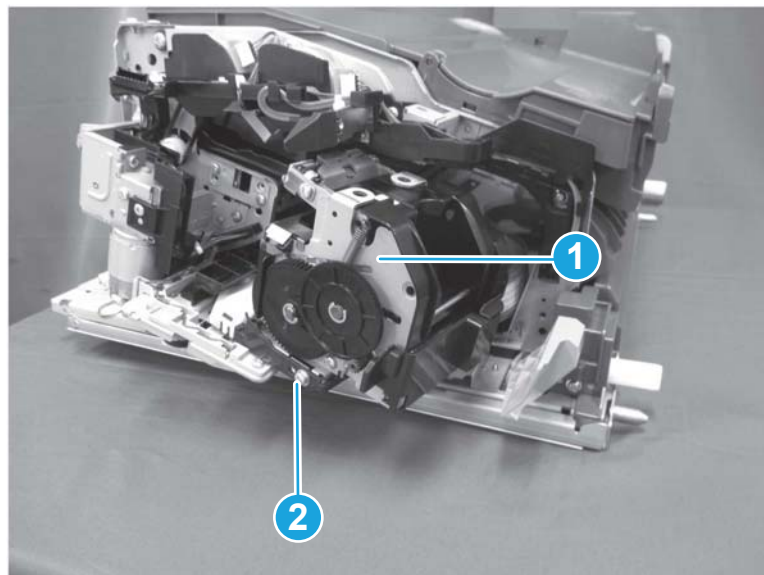
- d. Release two retainers (callout 1), and then release the flat cable (callout 2) from the guide (callout 3).

Figure 1-3054 Release the flat cable




- e. Slide the staple assembly (callout 1) out to the edge of the finisher. Remove one screw (callout 2), and then remove the staple assembly.

Figure 1-3055 Remove the staple assembly



5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher stack wall assembly (M776zs)

Learn how to remove and replace the inner finisher stack wall assembly.


Mean time to repair: 10 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-146** Part information

Part number	Part description
RM2-2452-000CN	Height wall assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

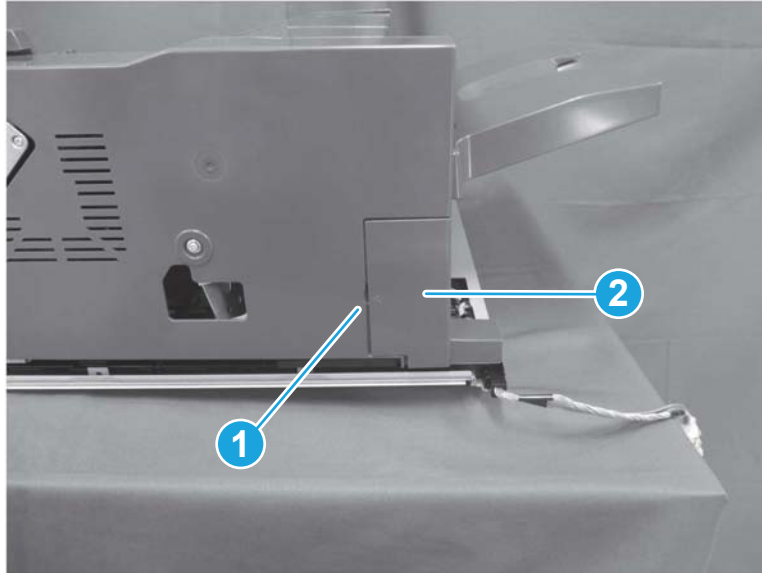


## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

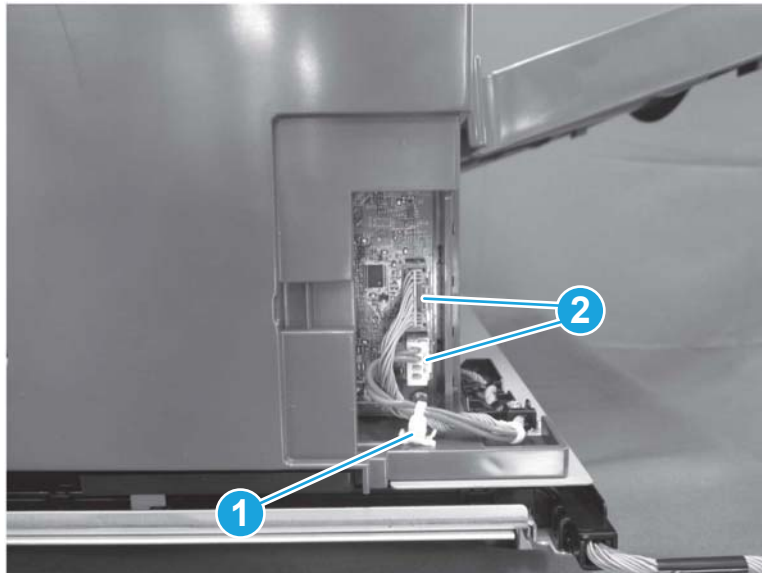
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

**Figure 1-3056** Remove the connector cover



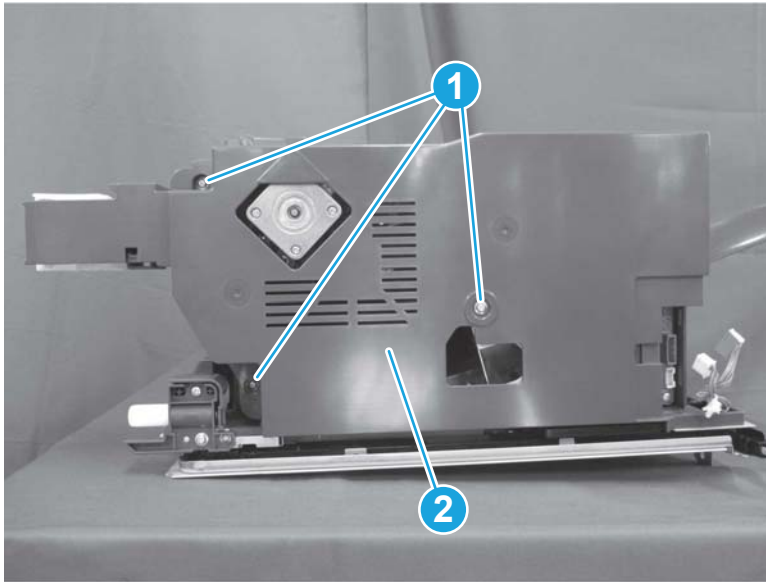
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

**Figure 1-3057** Disconnect two connectors



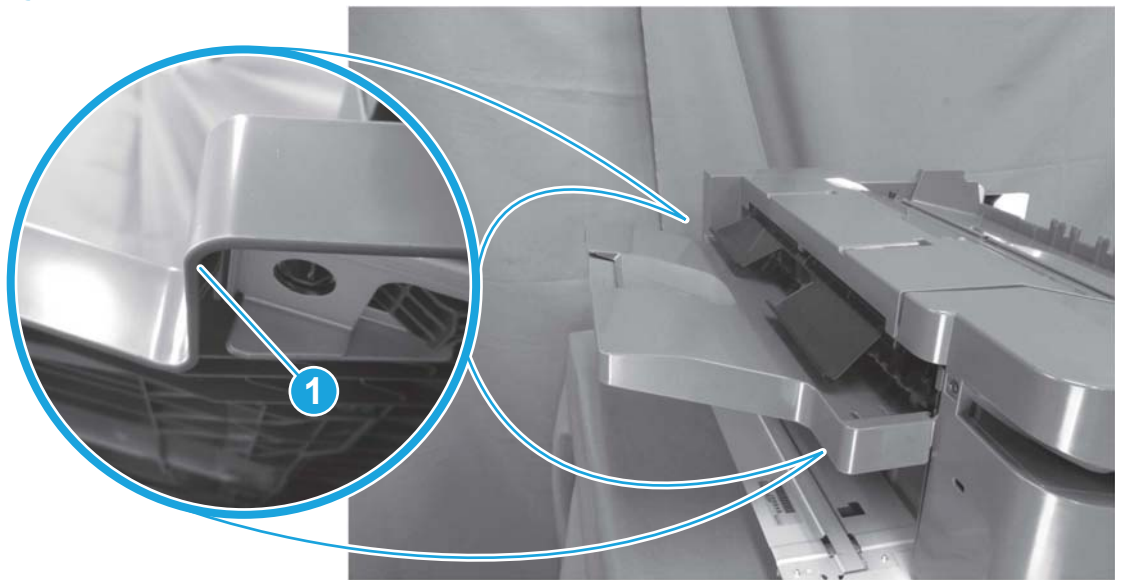
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3058 Remove the rear cover



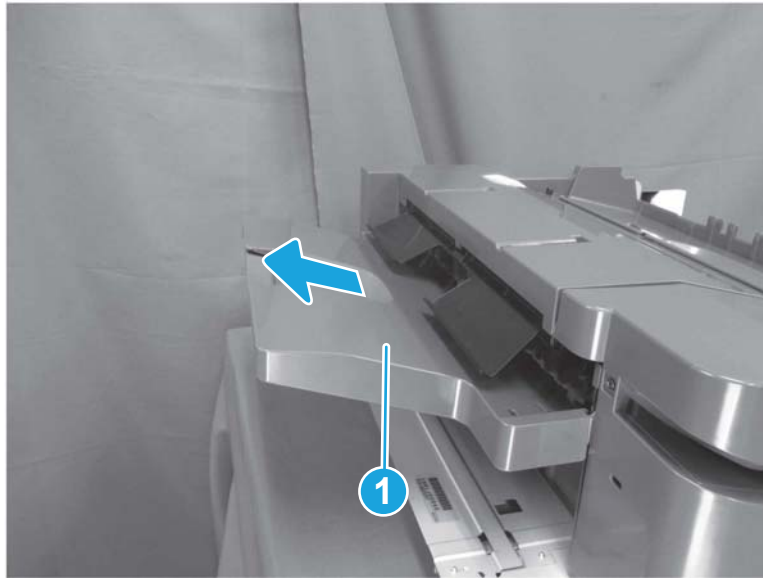
- 3. Remove the inner finisher stack tray assembly (M776zs).
  - a. Release two tabs (callout 1).

Figure 1-3059 Release two tabs



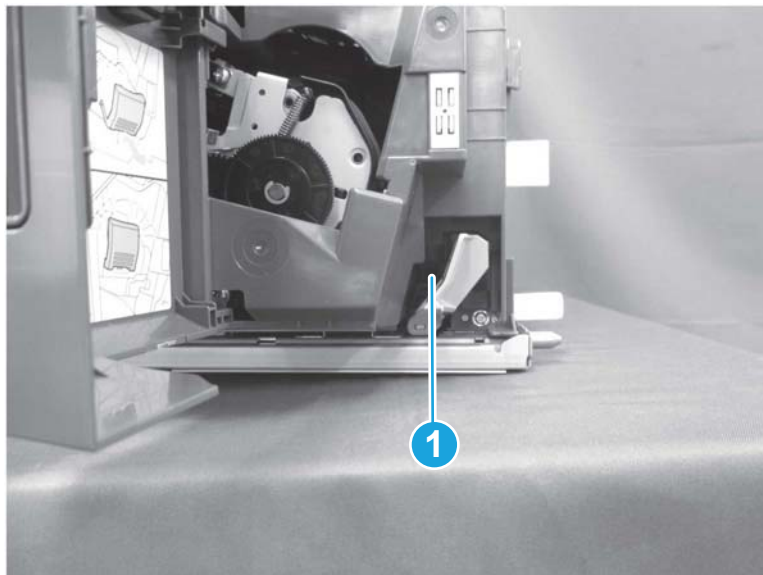
- b. Slide the stack tray assembly (callout 1) away from the finisher to remove it.

**Figure 1-3060** Remove the stack tray assembly



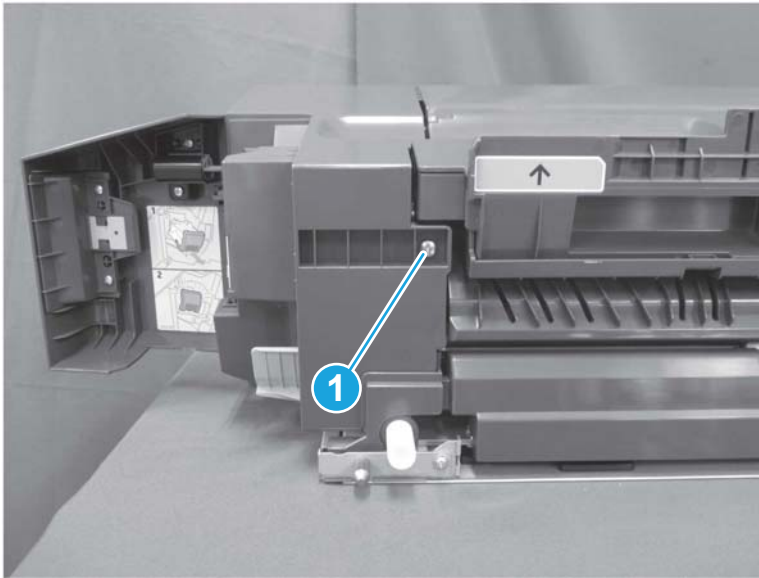
- 4. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

**Figure 1-3061** Remove one screw



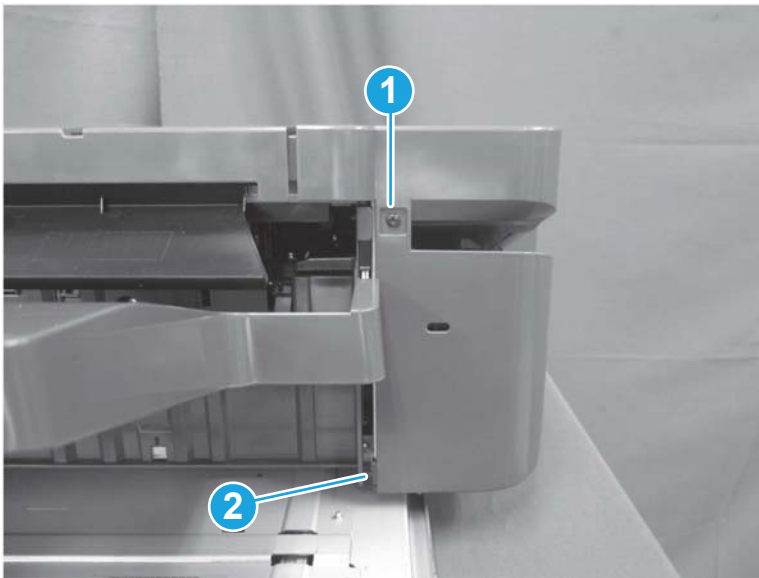
- b. Remove one screw (callout 1).

Figure 1-3062 Remove one screw



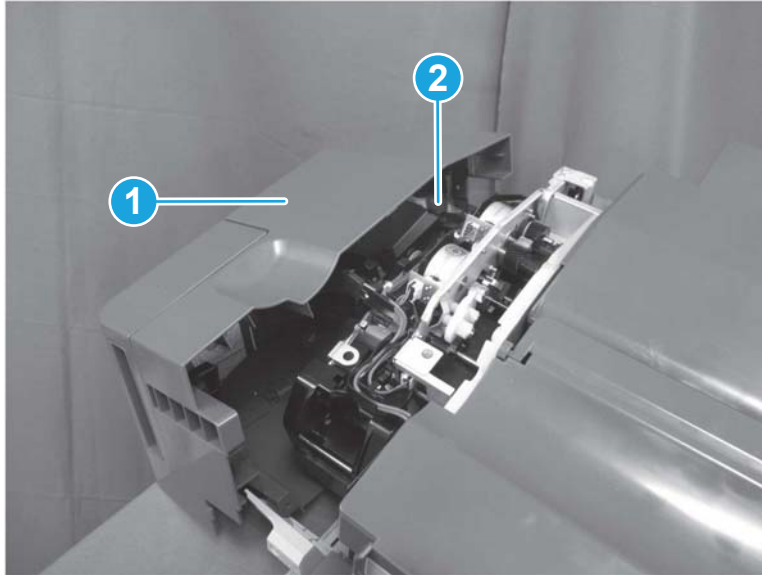
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3063 Remove one screw and release one tab



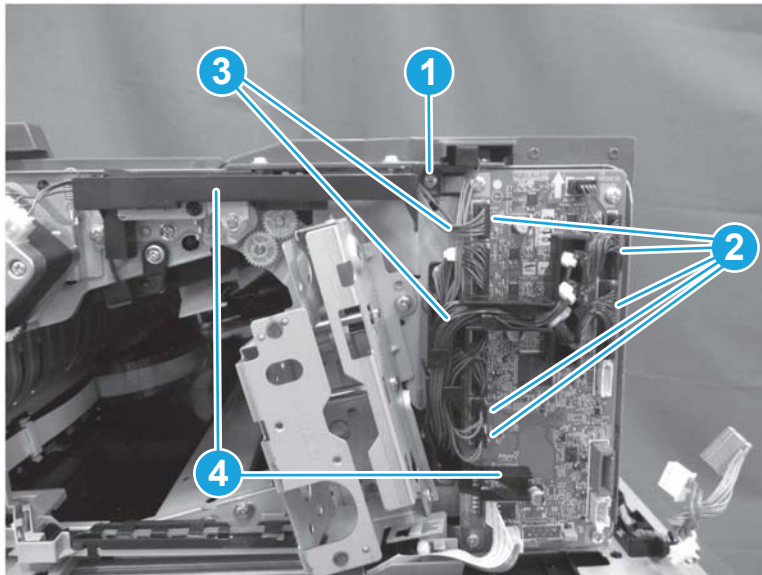
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3064 Remove the front cover



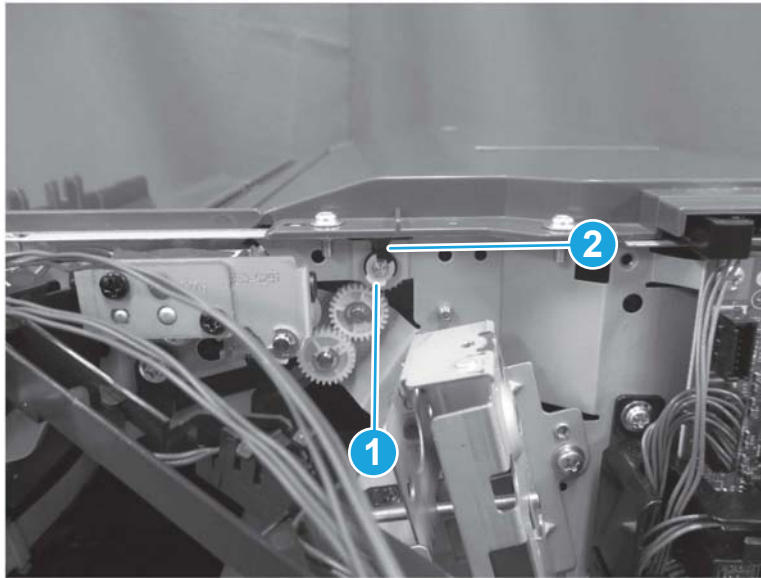
- 5. Remove the inner finisher upper feed guide (M776zs).
  - a. Remove one screw (callout 1), and then disconnect five connectors (callout 2). Release the cables (callout 3) from the guide (callout 4).

Figure 1-3065 Remove one screw and disconnect five connectors



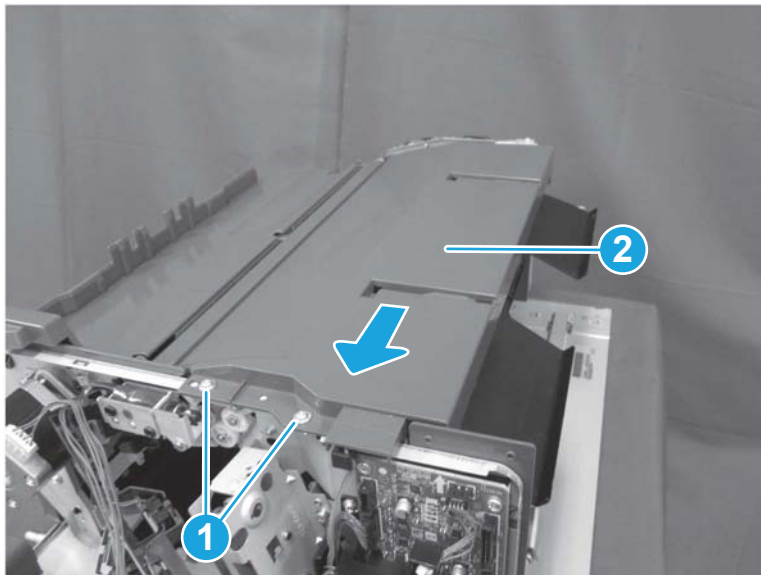
- b. Remove one e-clip (callout 1), and then remove the bushing (callout 2).

Figure 1-3066 Remove e-clip and bushing



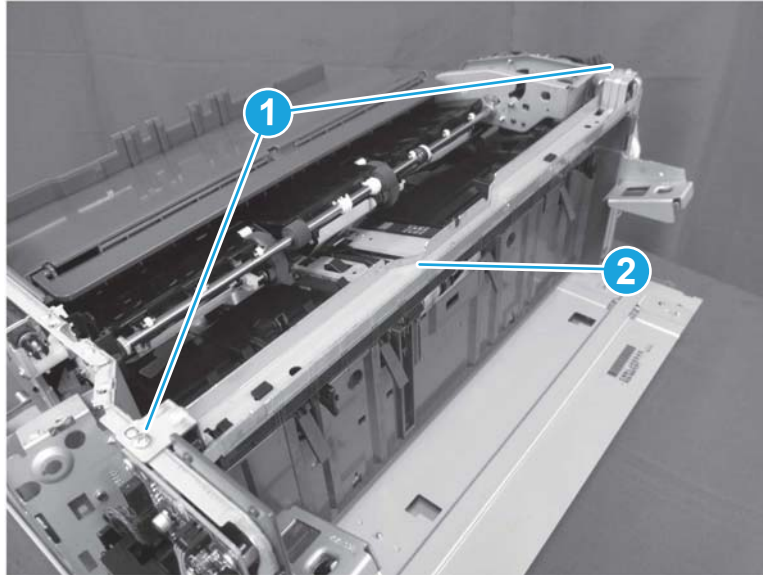
- c. Remove one screw (callout 1). Lift the upper feed guide (callout 2), and then slide it towards the front of the finisher to remove it.

Figure 1-3067 Remove the upper feed guide



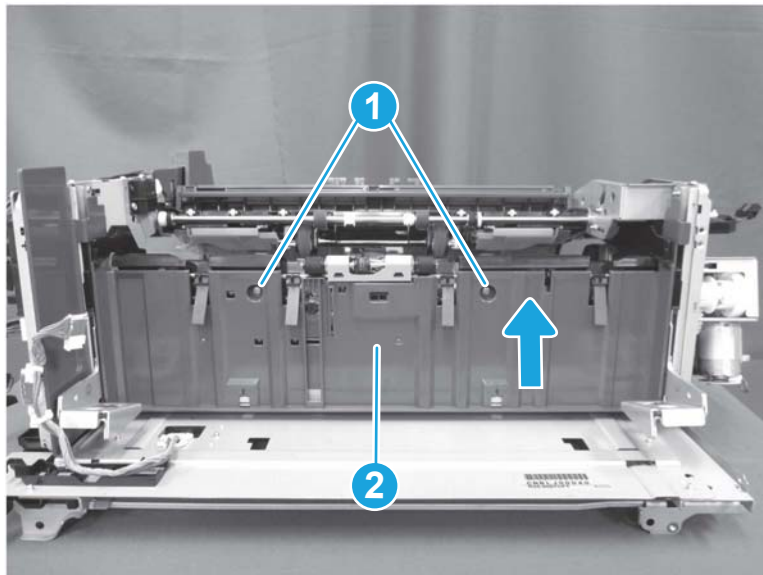
- 6. Remove the inner finisher stack wall assembly (M776zs).
  - a. Remove two screws (callout 1), and then remove the upper stay (callout 2).

**Figure 1-3068** Remove two screws and the upper stay



- b. Remove two screws (callout 1), and then slide the stack wall assembly (callout 2) up to remove it.

**Figure 1-3069** Remove the stack wall assembly



- 7. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Inner finisher return belt assembly (M776zs)

Learn how to remove and replace the inner finisher return belt assembly.


Mean time to repair: 20 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-147** Part information

Part number	Part description
FM1-H670-000CN	Return belt unit

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

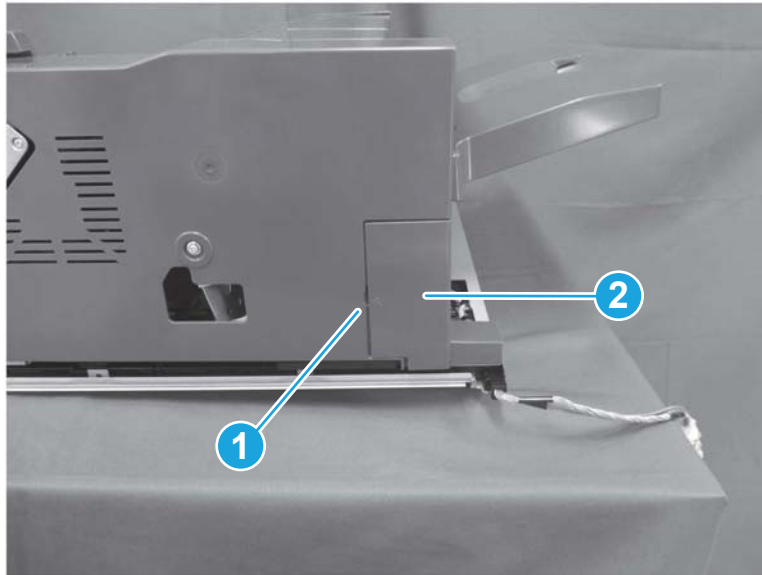


## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

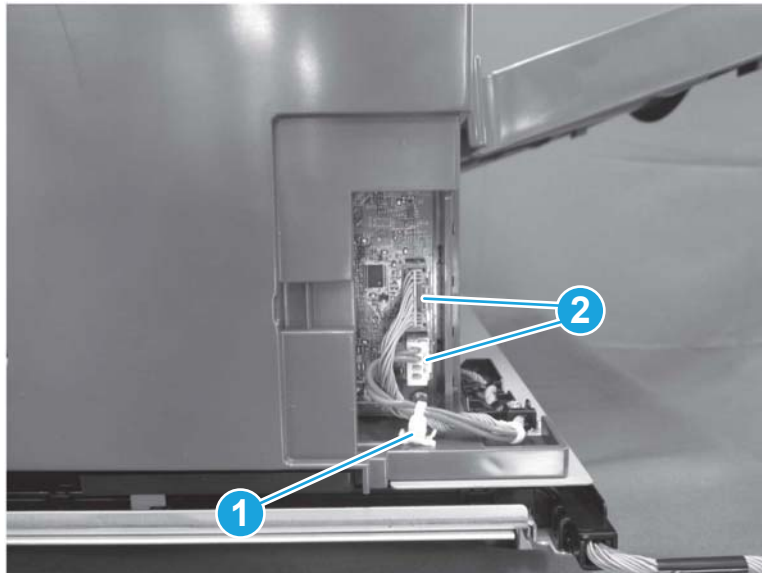
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

**Figure 1-3070** Remove the connector cover



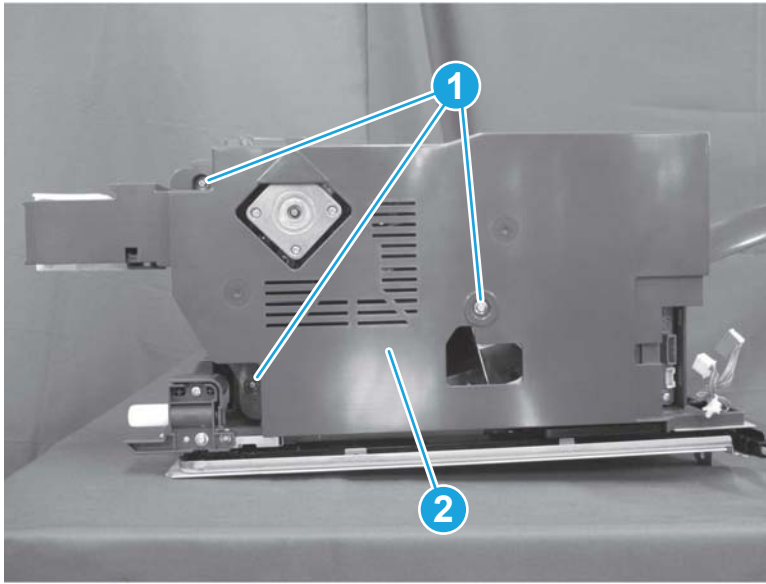
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

**Figure 1-3071** Disconnect two connectors



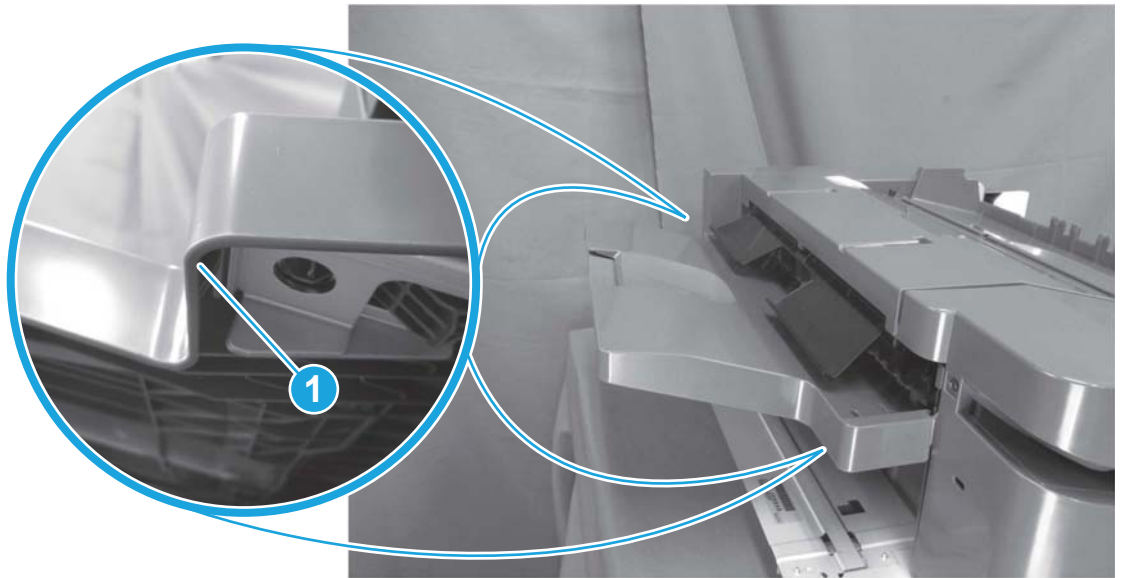
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3072 Remove the rear cover



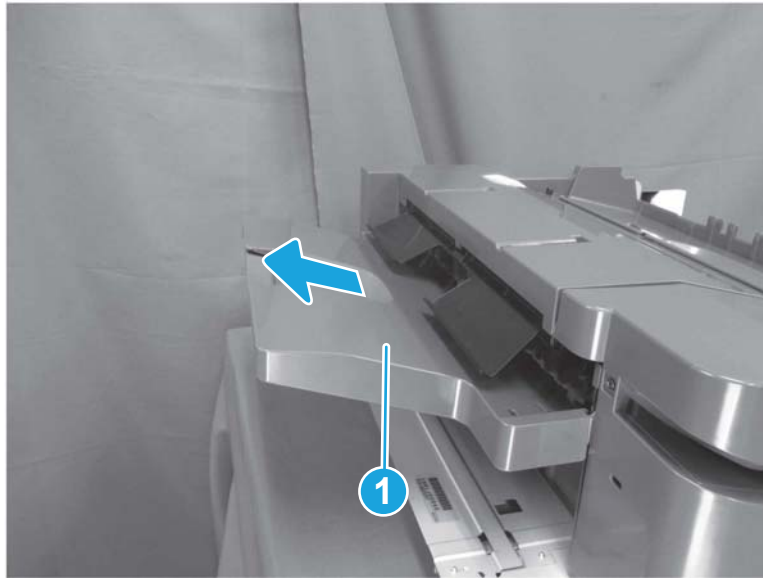
- 3. Remove the inner finisher stack tray assembly (M776zs).
  - a. Release two tabs (callout 1).

Figure 1-3073 Release two tabs



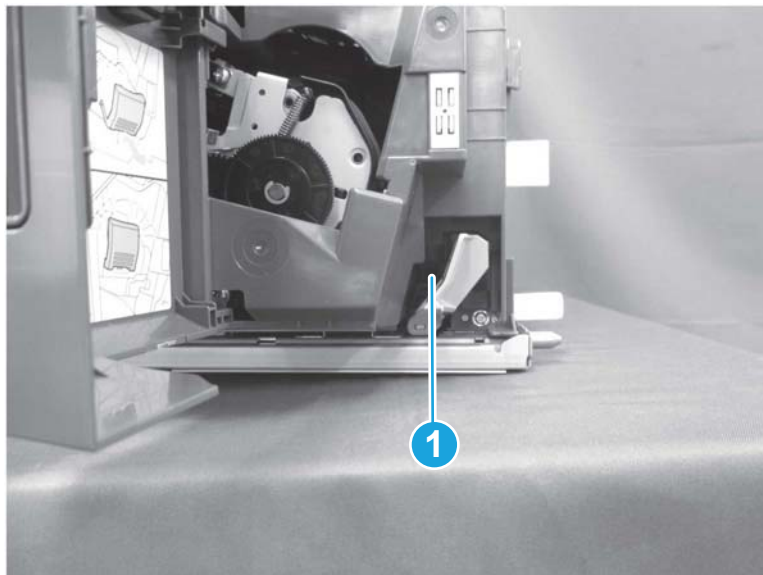
- b. Slide the stack tray assembly (callout 1) away from the finisher to remove it.

**Figure 1-3074** Remove the stack tray assembly



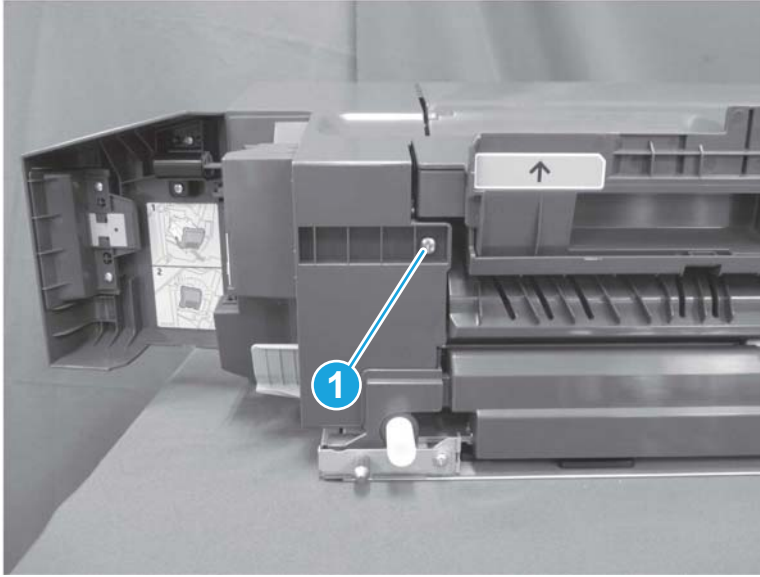
4. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

**Figure 1-3075** Remove one screw



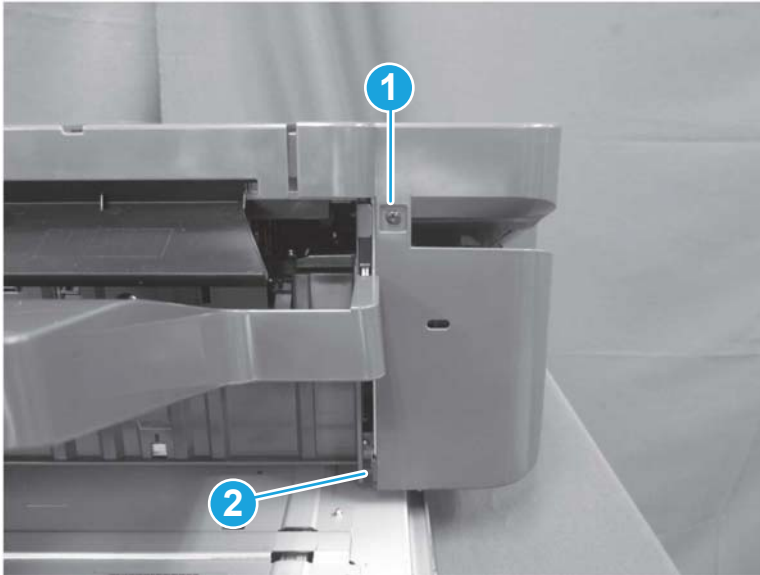
- b. Remove one screw (callout 1).

Figure 1-3076 Remove one screw



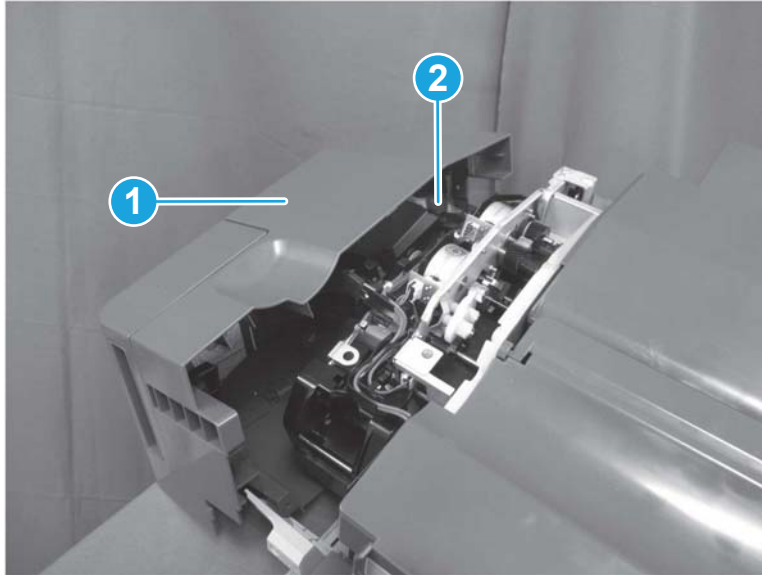
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3077 Remove one screw and release one tab



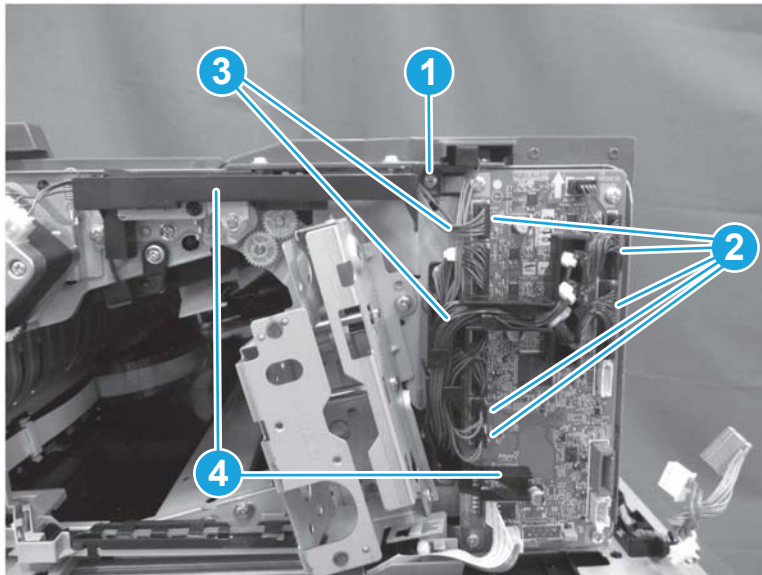
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3078 Remove the front cover



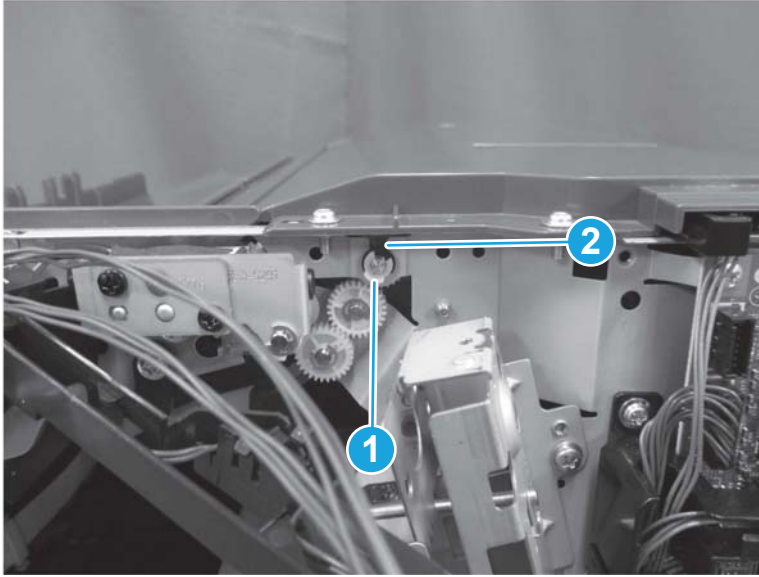
- 5. Remove the inner finisher upper feed guide (M776zs).
  - a. Remove one screw (callout 1), and then disconnect five connectors (callout 2). Release the cables (callout 3) from the guide (callout 4).

Figure 1-3079 Remove one screw and disconnect five connectors



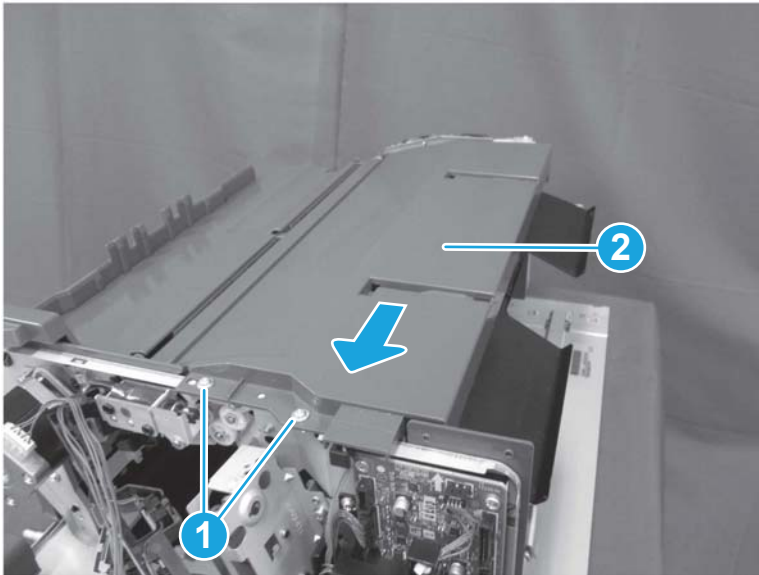
- b. Remove one e-clip (callout 1), and then remove the bushing (callout 2).

Figure 1-3080 Remove e-clip and bushing



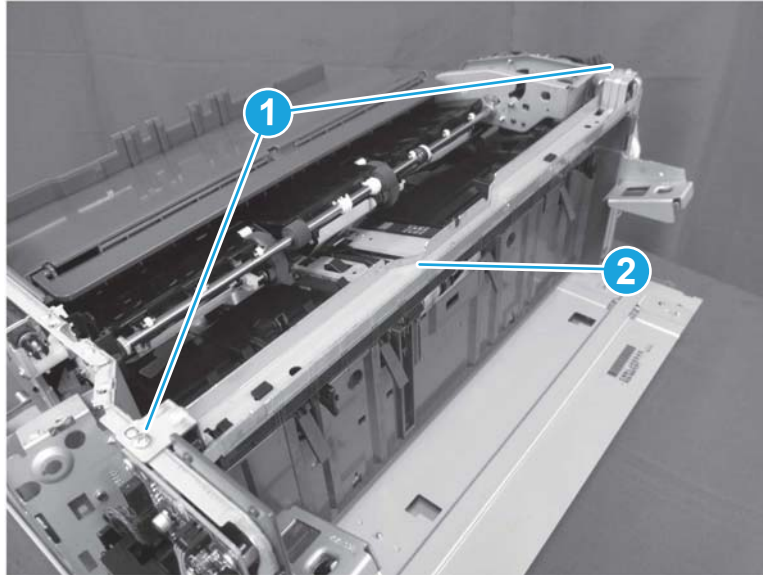
- c. Remove one screw (callout 1). Lift the upper feed guide (callout 2), and then slide it towards the front of the finisher to remove it.

Figure 1-3081 Remove the upper feed guide



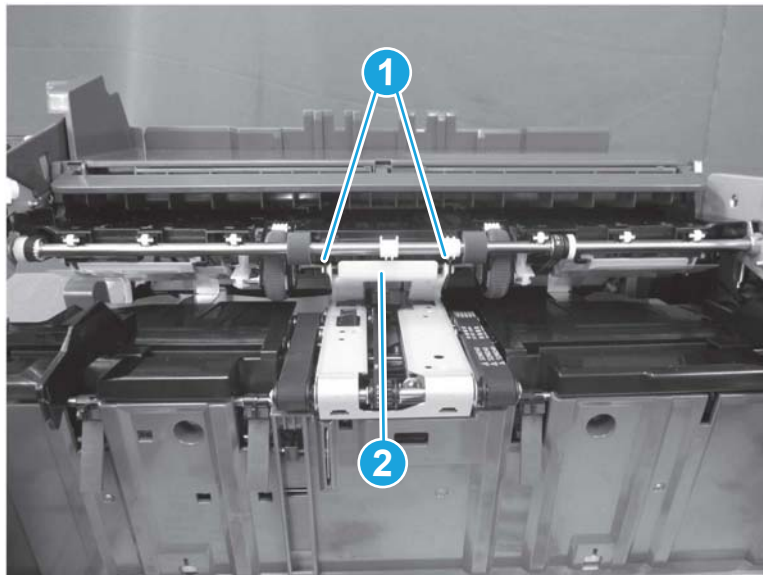
- 6. Remove the inner finisher return belt assembly (M776zs).
  - a. Remove two screws (callout 1), and then remove the upper stay (callout 2).

Figure 1-3082 Remove two screws and the upper stay



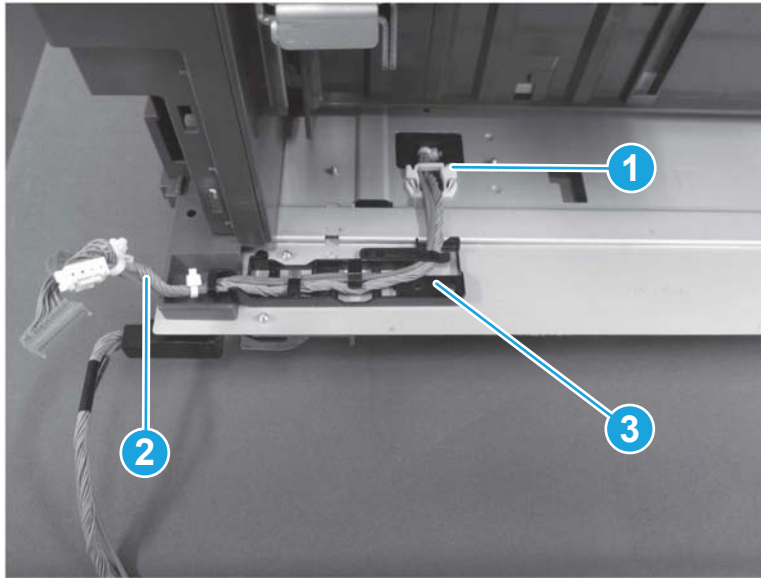
- b. Release two bosses (callout 1), and then remove the guide (callout 2).

Figure 1-3083 Remove the guide



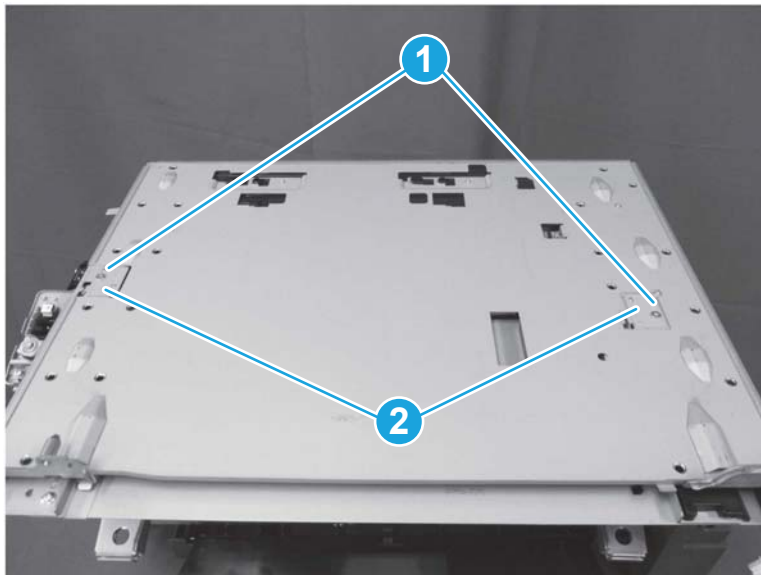
- c. Open one retainer (callout 1), and then release the cables (callout 2) from the cable guides (callout 3).

Figure 1-3084 Release the cables



- d. Place the finisher face-down. Remove two screws (callout 1), and then remove two stoppers (callout 2).

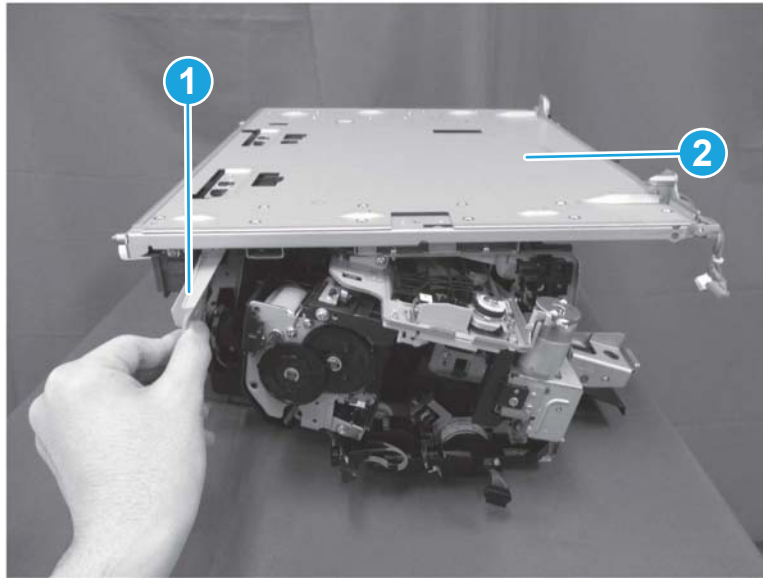
Figure 1-3085 Remove two screws and stoppers





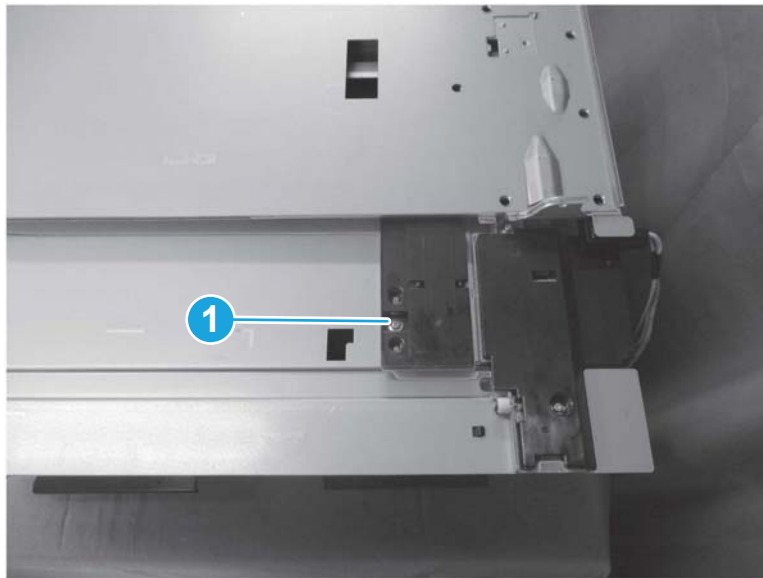
- e. Tilt the release lever (callout 1), and then slide the bottom slide assembly (callout 2) to the right.

Figure 1-3086 Release the latch and slide the assembly



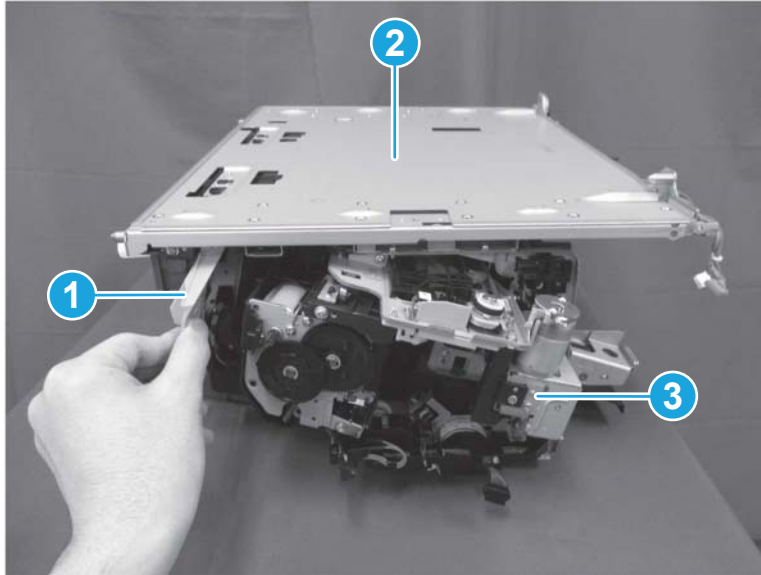
- f. Remove one screw (callout 1).

Figure 1-3087 Remove one screw



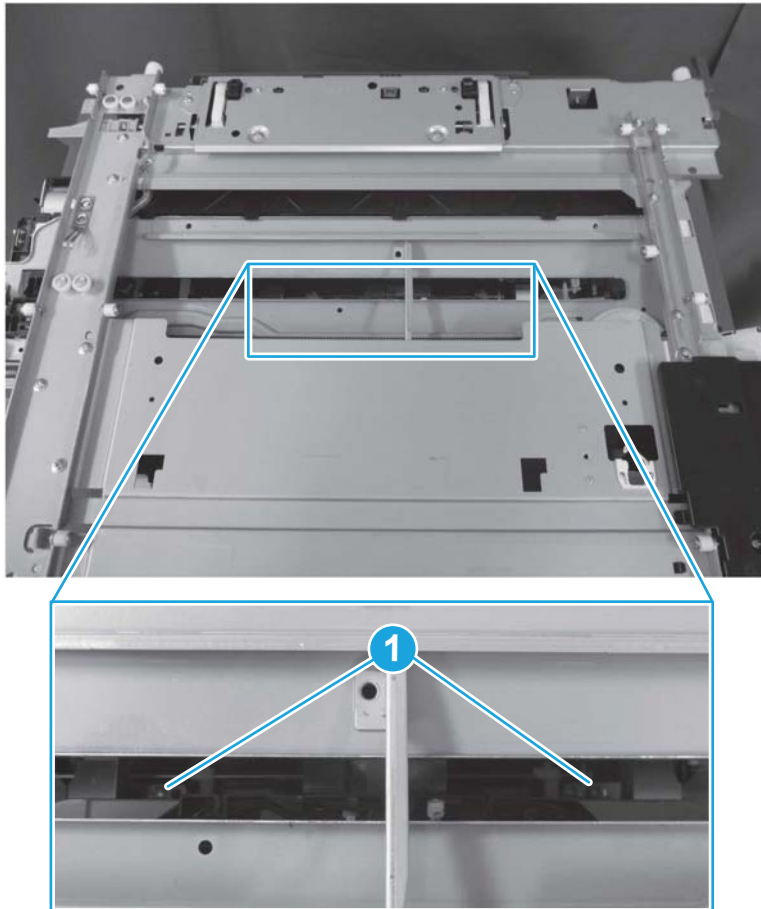
- g. Tilt the release lever (callout 1), and then slide the bottom slide assembly (callout 2) to remove it from the inner finisher (callout 3).

Figure 1-3088 Remove the bottom slide assembly



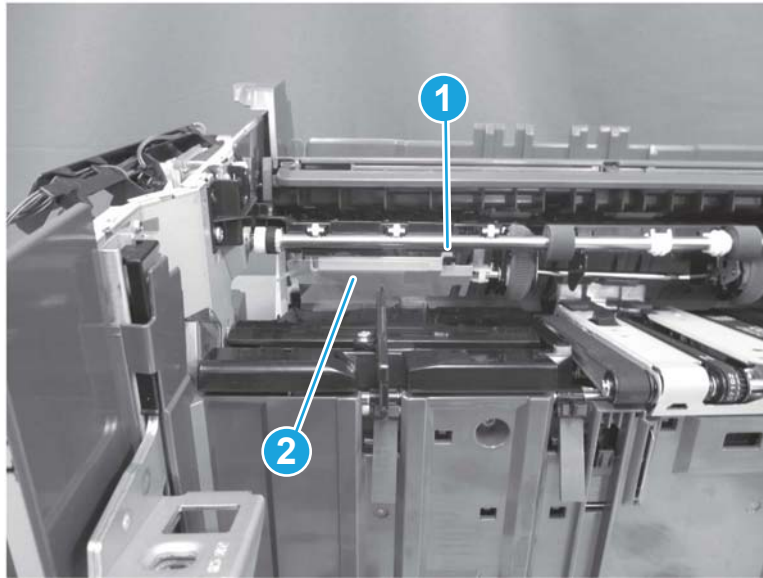
- h. Remove two screws (callout 1)

Figure 1-3089 Remove two screws



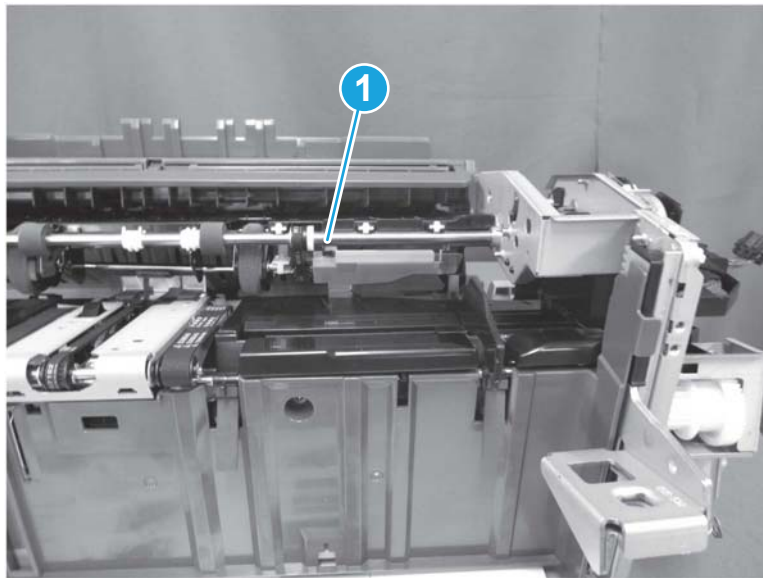
- i. Place the finisher face-up. Release one boss (callout 1), and then remove the guide (callout 2).

Figure 1-3090 Remove the guide



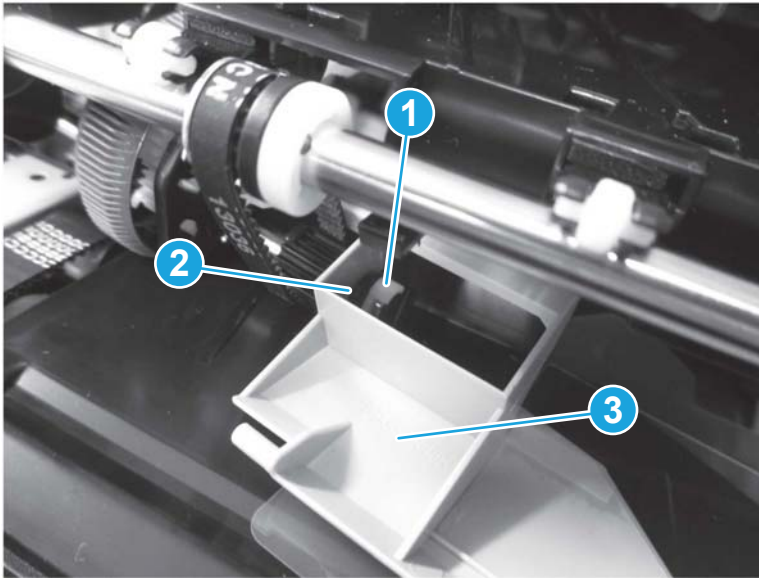
- j. Release one boss (callout 1).

Figure 1-3091 Release one boss



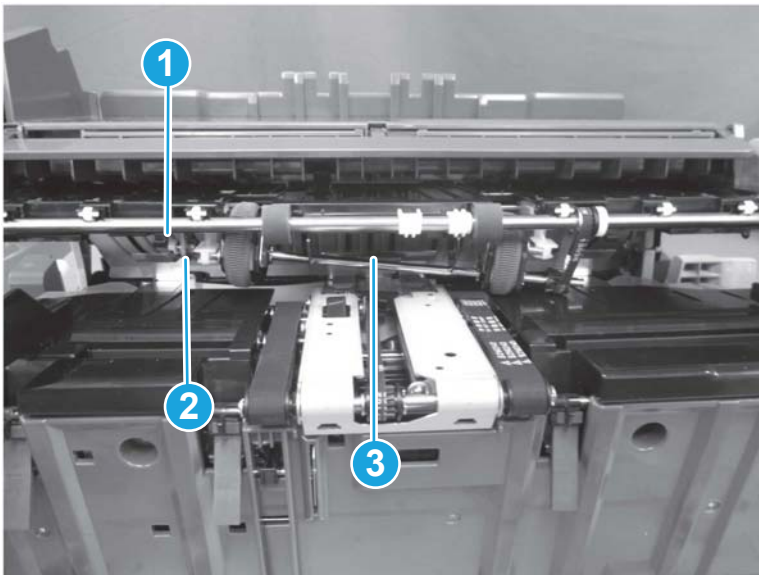
- k. Remove one ring (callout 1), remove one bushing (callout 2), and then remove the guide (callout 3).

Figure 1-3092 Remove the guide



- l. Remove one ring (callout 1), remove one bushing (callout 2), and then remove the return belt assembly (callout 3).

Figure 1-3093 Remove the return belt assembly



- 7. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: Inner finisher processing tray assembly (M776zs)

Learn how to remove and replace the inner finisher processing tray assembly.


Mean time to repair: 45 minutes

Service level: Hard

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-148** Part information

Part number	Part description
RM2-2458-000CN	Processing tray assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

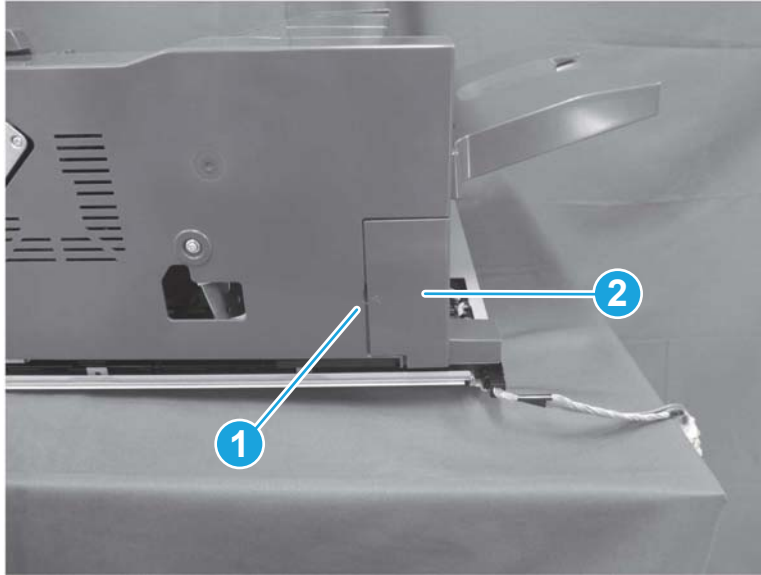
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

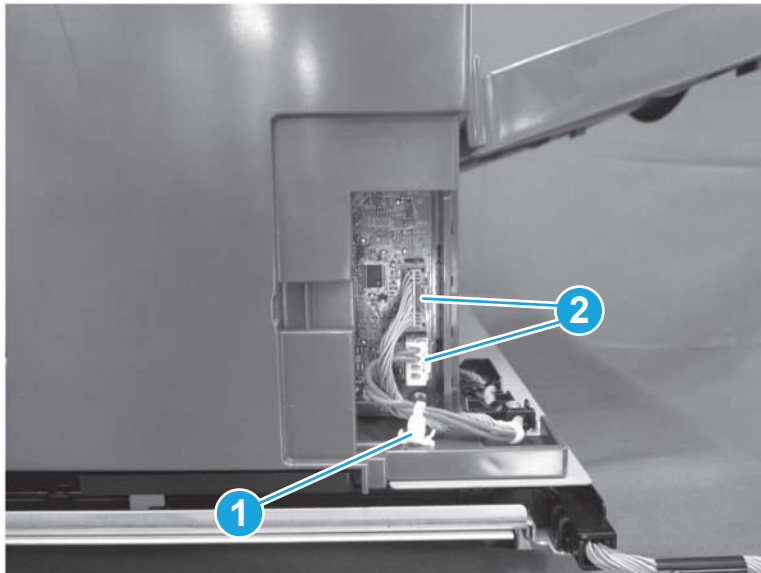
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3094 Remove the connector cover



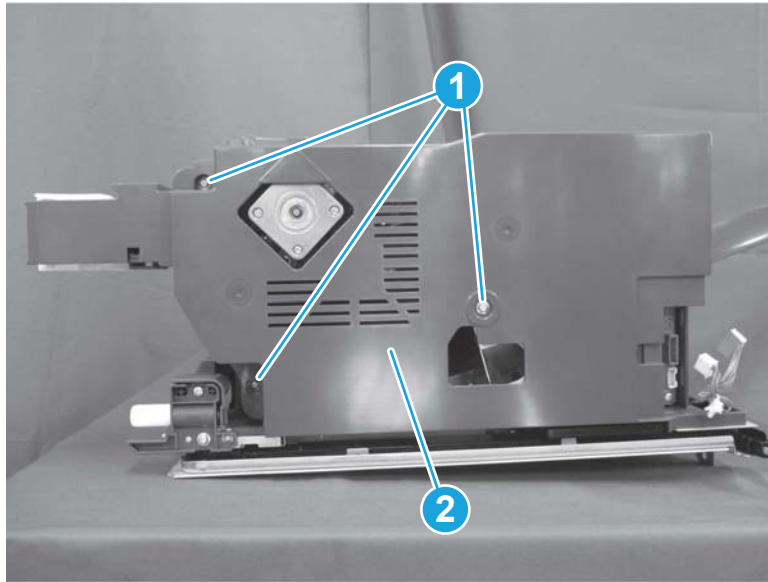
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3095 Disconnect two connectors



- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

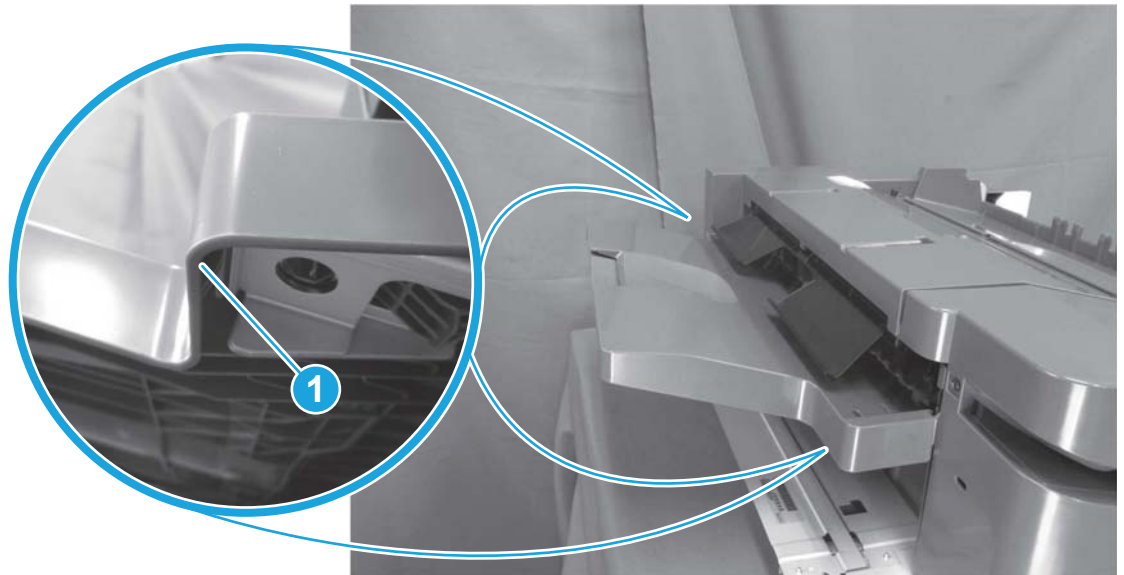
Figure 1-3096 Remove the rear cover



- 3. Remove the inner finisher stack tray assembly (M776zs).

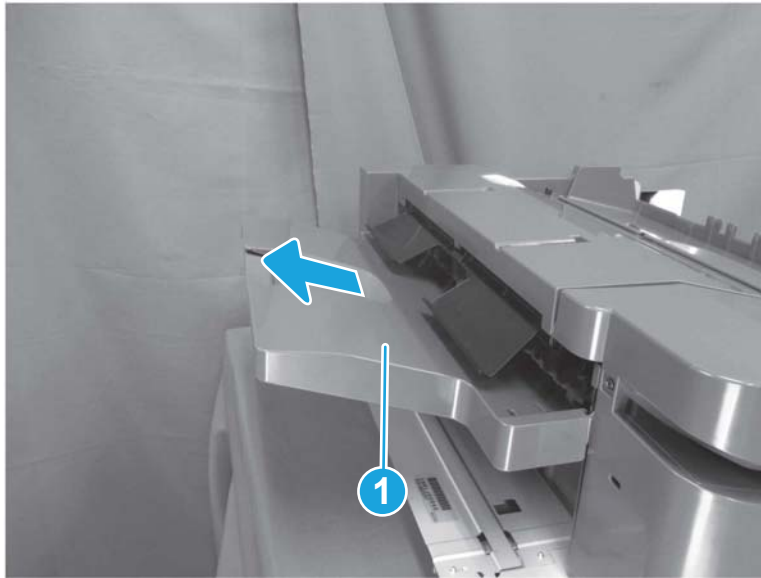
- a. Release two tabs (callout 1).

Figure 1-3097 Release two tabs



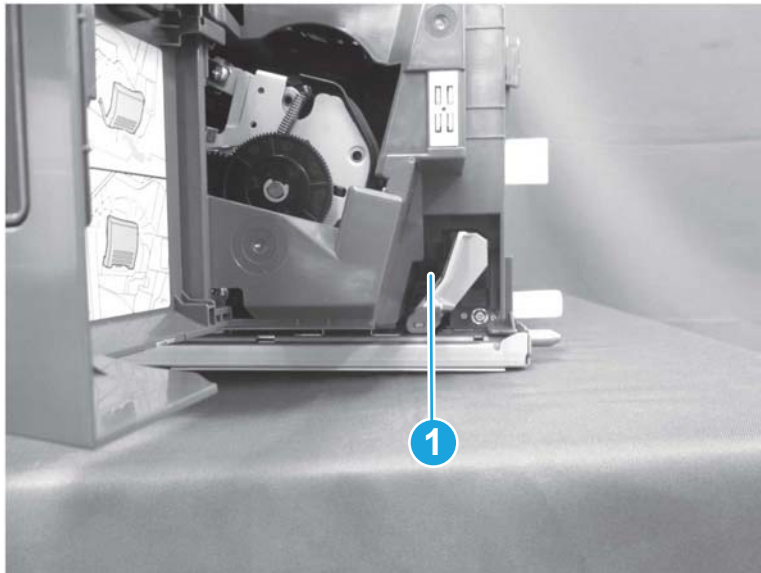
- b. Slide the stack tray assembly (callout 1) away from the finisher to remove it.

Figure 1-3098 Remove the stack tray assembly



- 4. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

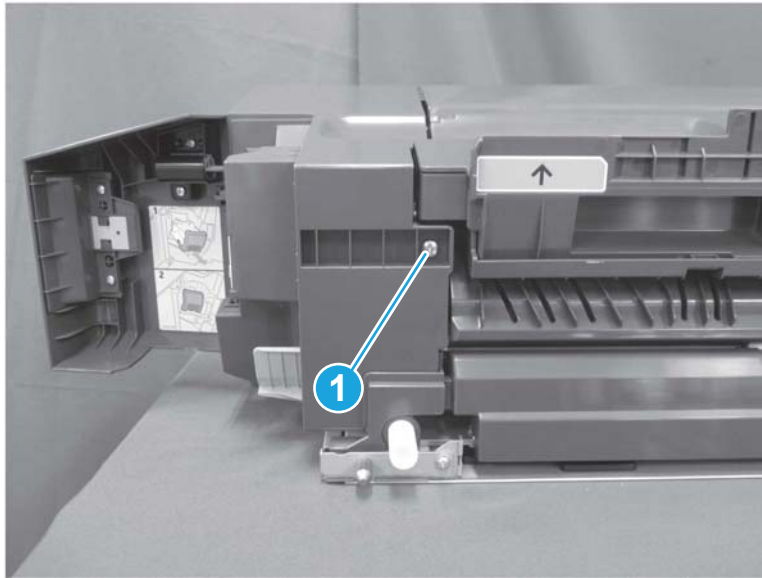
Figure 1-3099 Remove one screw





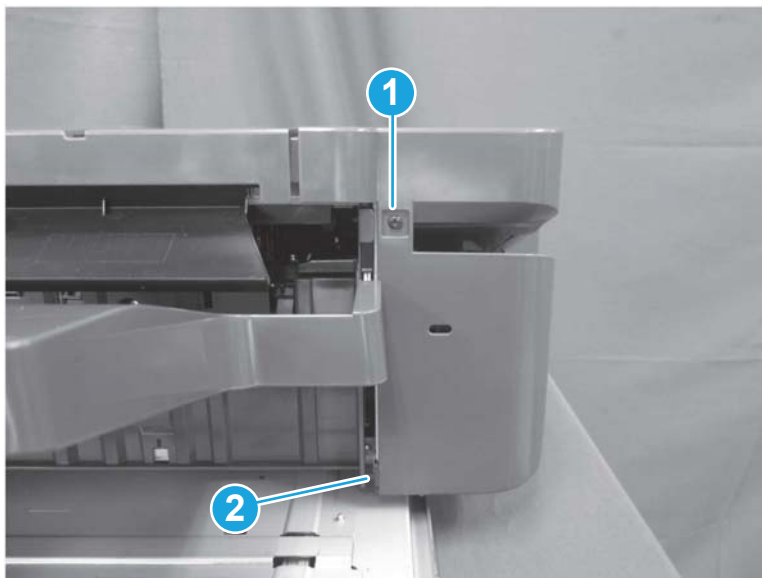
- b. Remove one screw (callout 1).

Figure 1-3100 Remove one screw



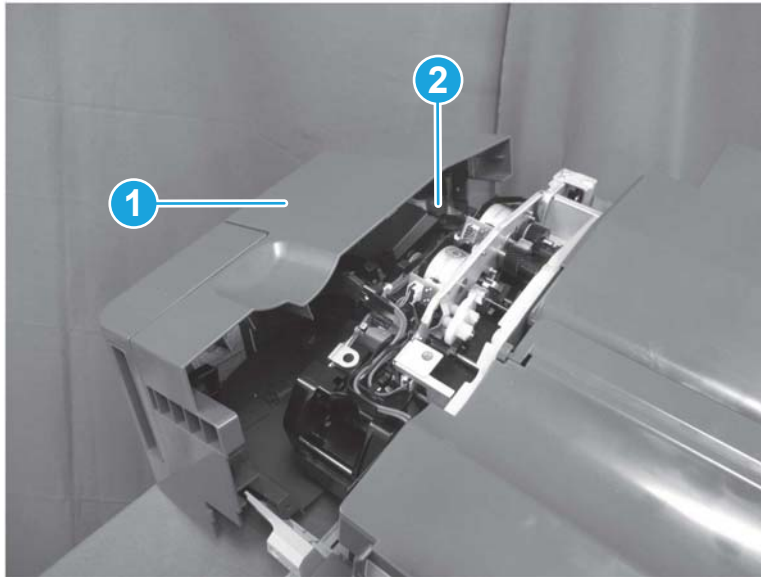
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3101 Remove one screw and release one tab



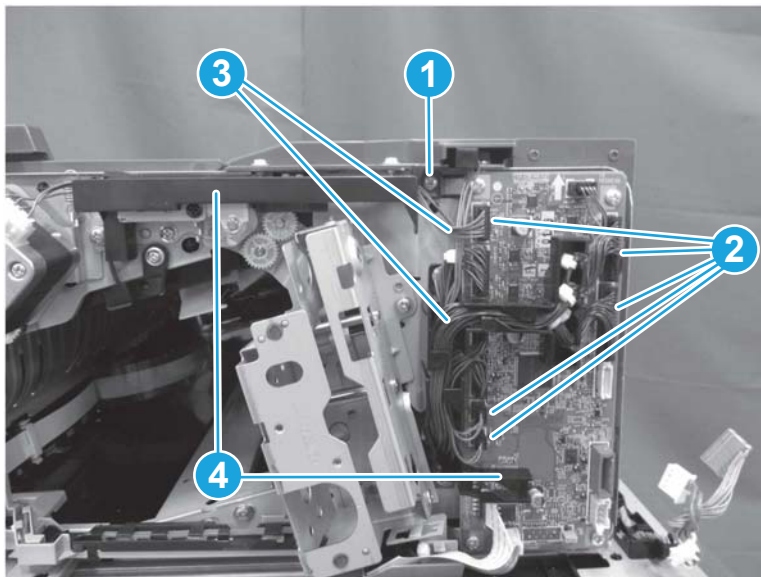
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3102 Remove the front cover



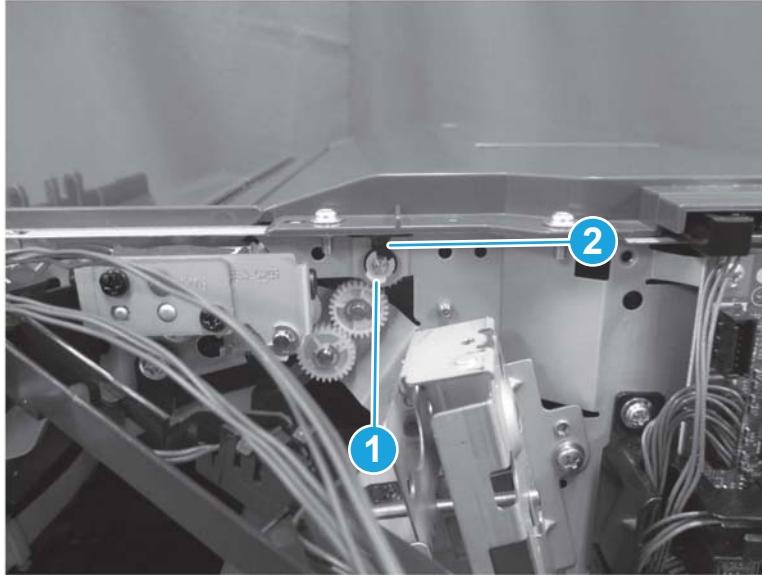
- 5. Remove the inner finisher upper feed guide (M776zs).
  - a. Remove one screw (callout 1), and then disconnect five connectors (callout 2). Release the cables (callout 3) from the guide (callout 4).

Figure 1-3103 Remove one screw and disconnect five connectors



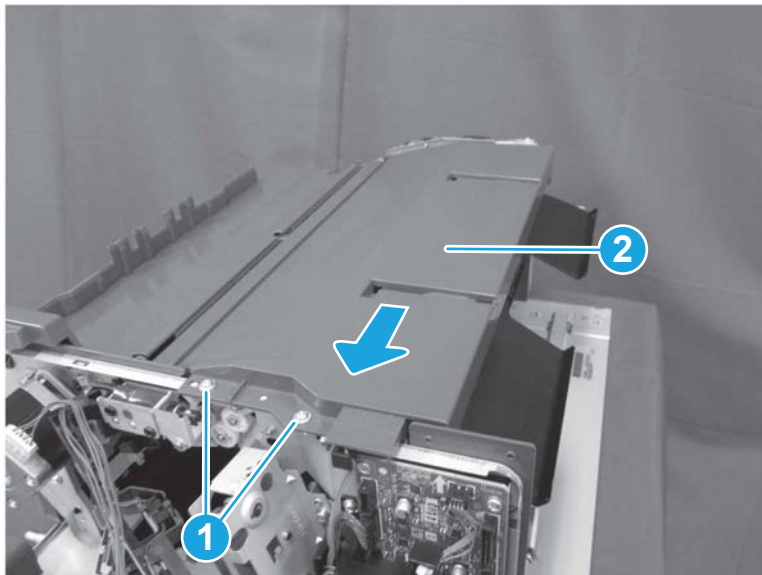
- b. Remove one e-clip (callout 1), and then remove the bushing (callout 2).

Figure 1-3104 Remove e-clip and bushing



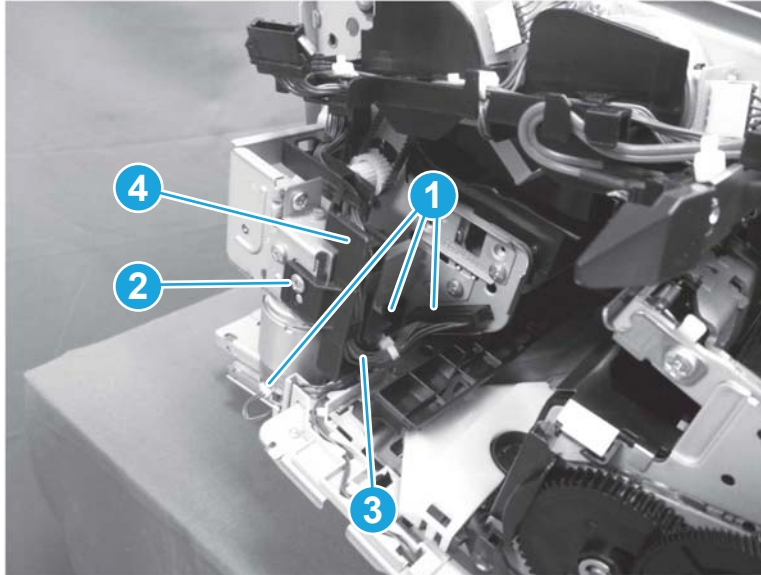
- c. Remove one screw (callout 1). Lift the upper feed guide (callout 2), and then slide it towards the front of the finisher to remove it.

Figure 1-3105 Remove the upper feed guide



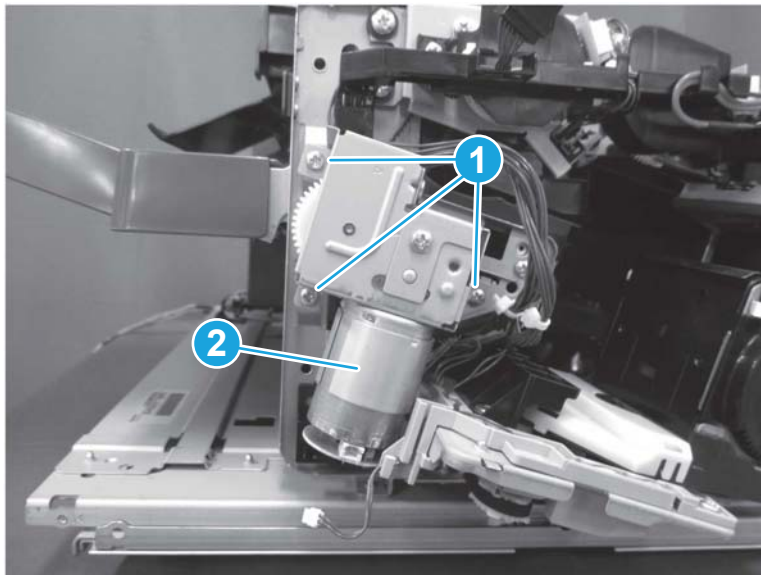
- 6. Remove the inner finisher tray lifting motor (M776zs).
  - a. Disconnect three connectors (callout 1), and then remove one screw (callout 2). Release the cable (callout 3) from the guide (callout 4), and then remove the guide (callout 4).

Figure 1-3106 Disconnect three connectors and remove one screw



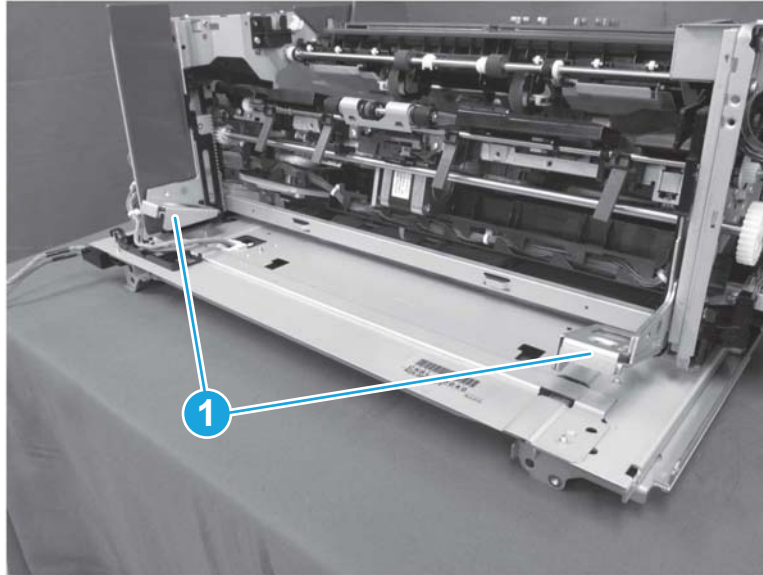
- b. Remove three screws (callout 1), and then remove the tray lifting motor (callout 2).

Figure 1-3107 Remove three screws and the tray lifting motor



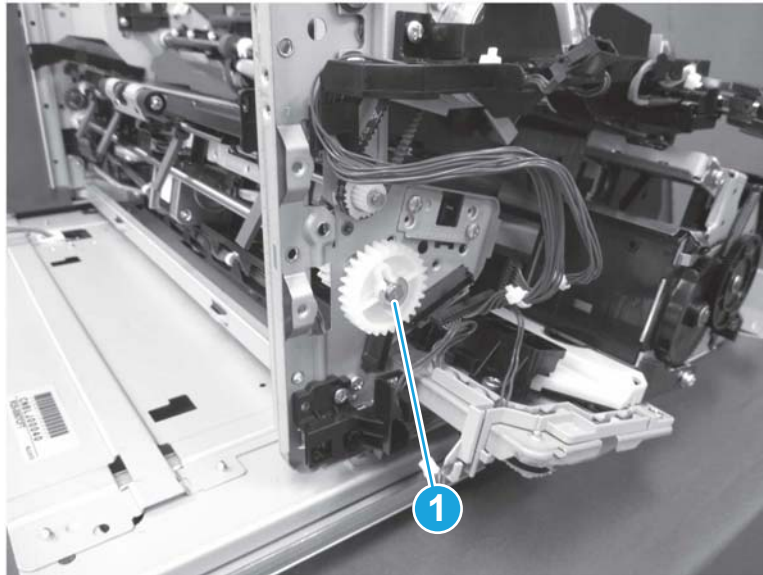
- 7. Remove the inner finisher processing tray assembly (M776zs).
  - a. Slide two locks (callout 1) up to remove them.

Figure 1-3108 Remove two locks



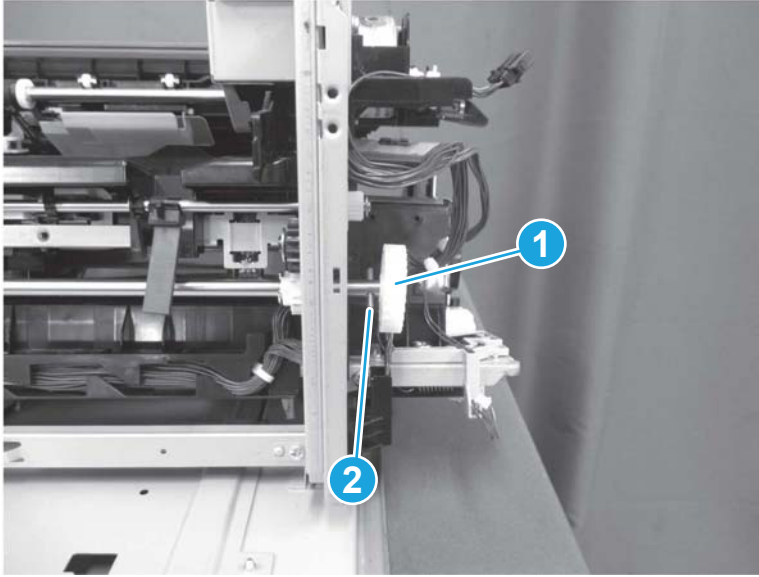
- b. Remove one e-ring (callout 1).

Figure 1-3109 Remove one e-ring



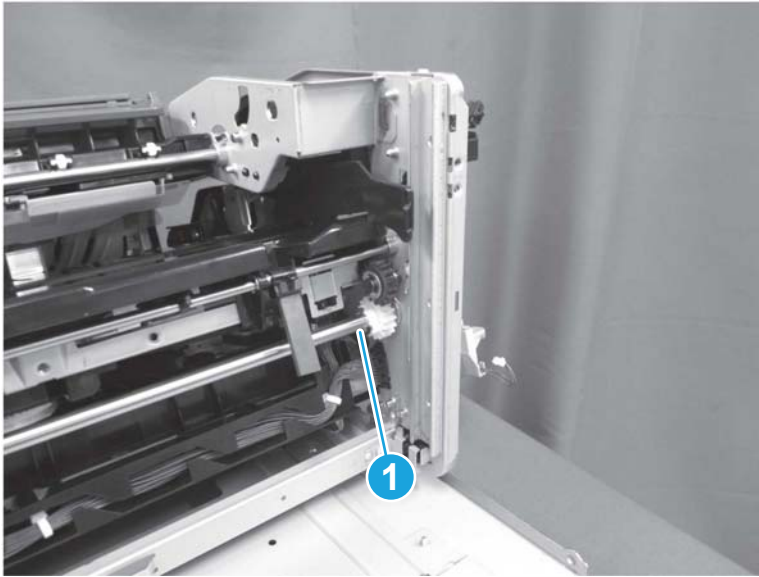
- c. Remove one gear (callout 1), and then remove one dowel pin (callout 2).

Figure 1-3110 Remove one gear and dowel pin



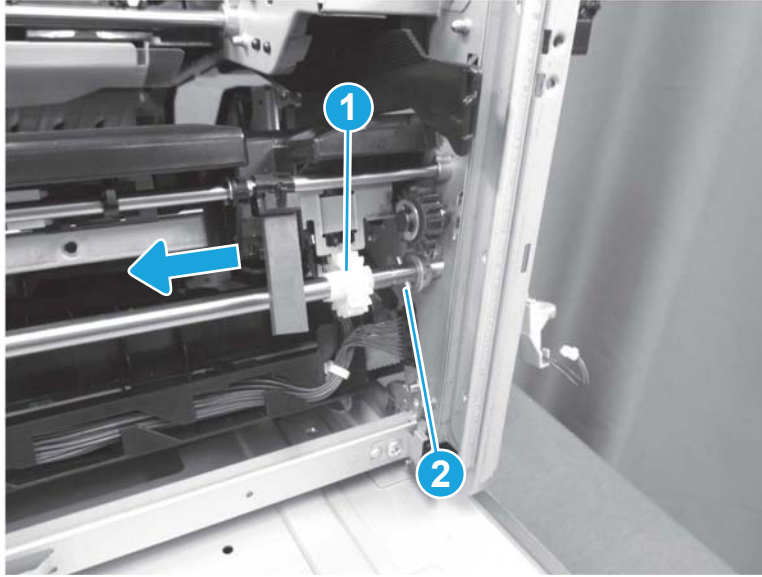
- d. Remove one e-ring (callout 1).

Figure 1-3111 Remove one e-ring



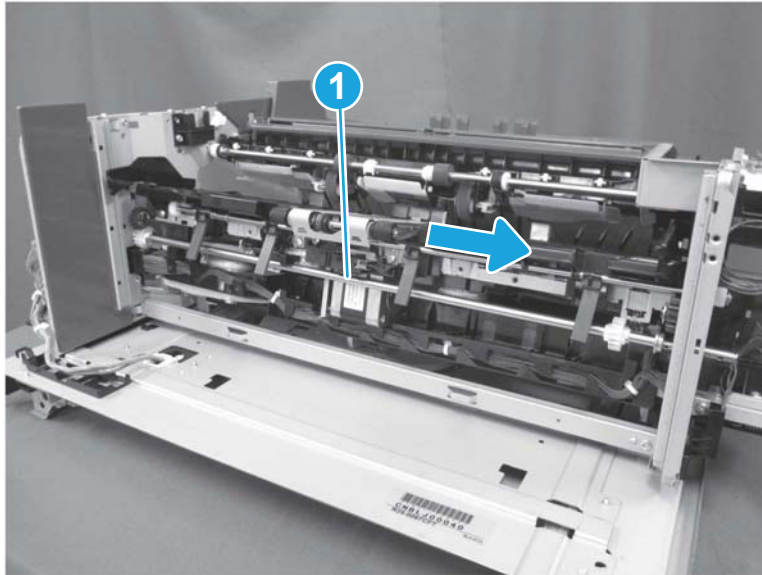
- e. Slide the gear (callout 1) to the left, and then remove one dowel pin (callout 2).

Figure 1-3112 Remove one dowel pin



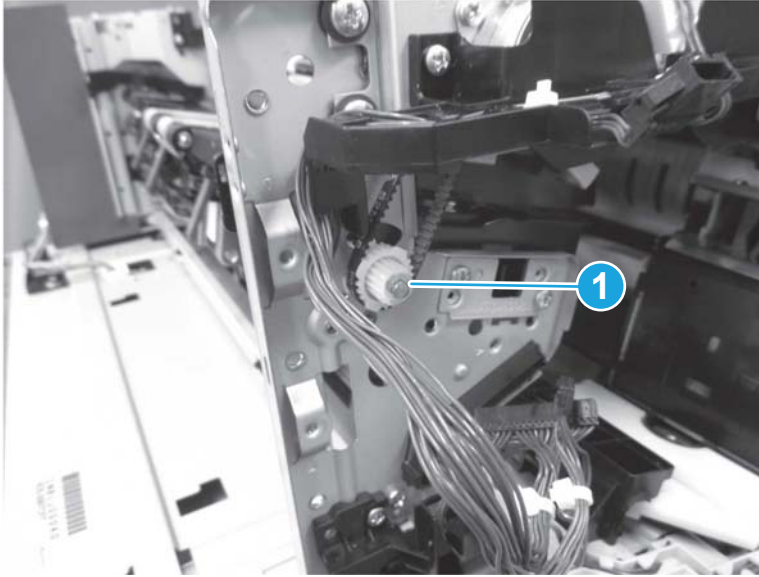
- f. Slide the tray drive shaft (callout 1) to the left, and then pull it away from the finisher to remove it.

Figure 1-3113 Remove the tray drive shaft



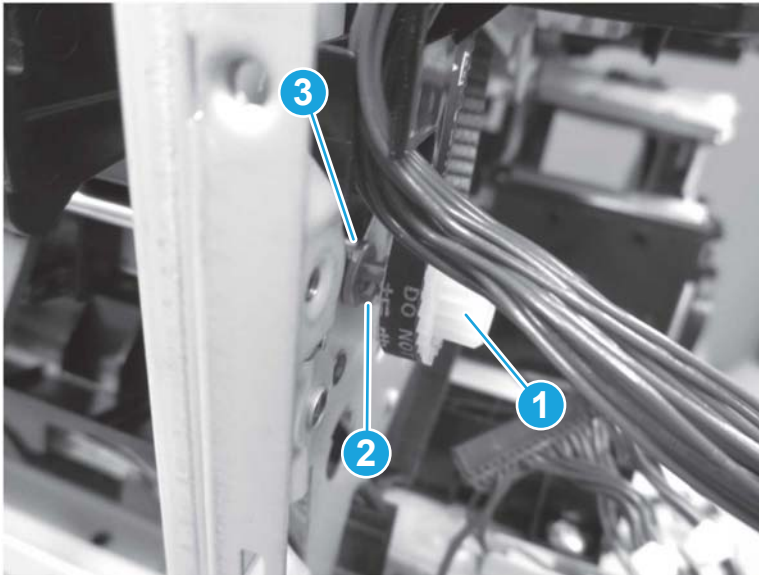
- g. Remove one e-ring (callout 1).

Figure 1-3114 Remove one e-ring



- h. Remove one gear (callout 1), remove one dowel pin (callout 2), and then remove the bushing (callout 3).

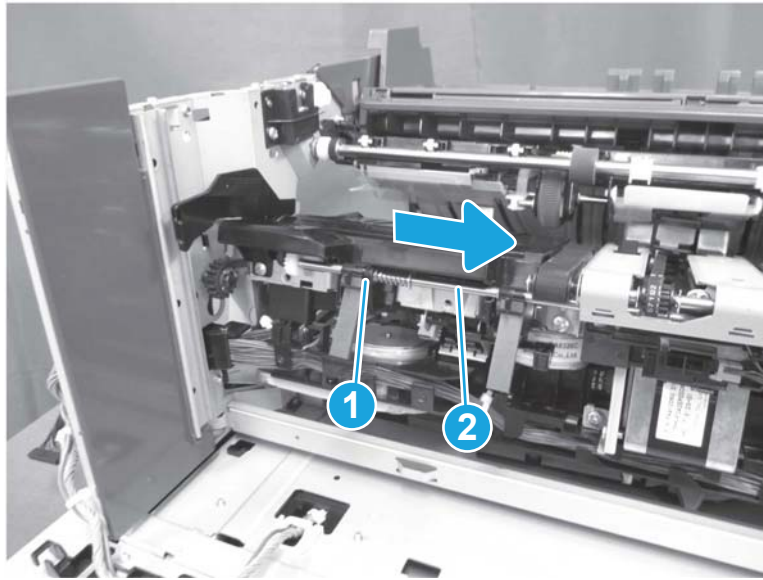
Figure 1-3115 Remove gear, dowel pin, and bushing





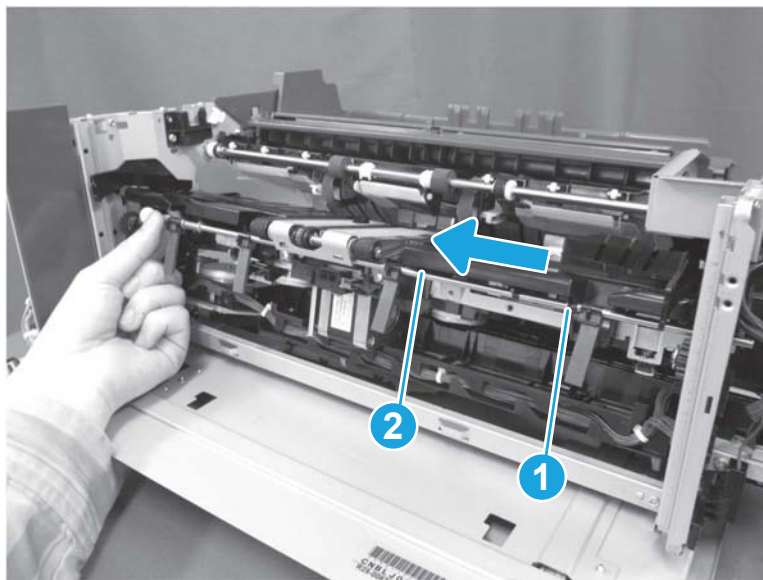
- i. Slide the bushing (callout 1) to the right, and then release the paper holder (callout 2).

Figure 1-3116 Release the paper holder




- j. Slide the bushing (callout 1) to the left, and then remove the paper holder (callout 2).

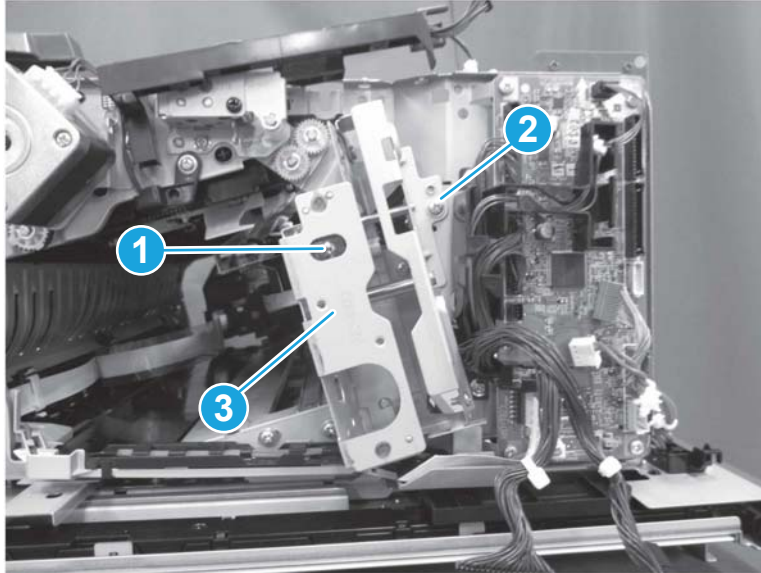
Figure 1-3117 Remove the paper holder



- k. Remove one screw (callout 1), remove two screws (callout 2), and then slide the stay assembly (callout 3) up to remove it.

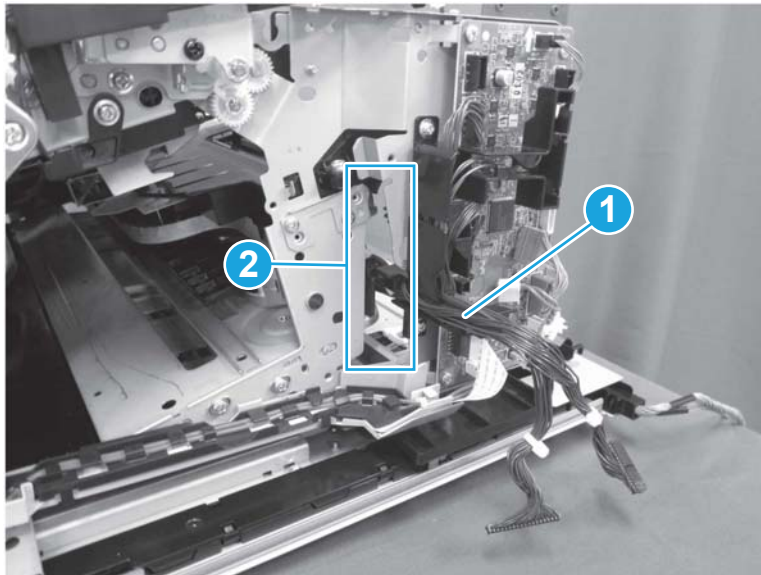
 **NOTE:** One screw (callout 1) is larger than the other two. Make sure this screw is reinstalled in the correct position.

**Figure 1-3118** Remove the stay assembly



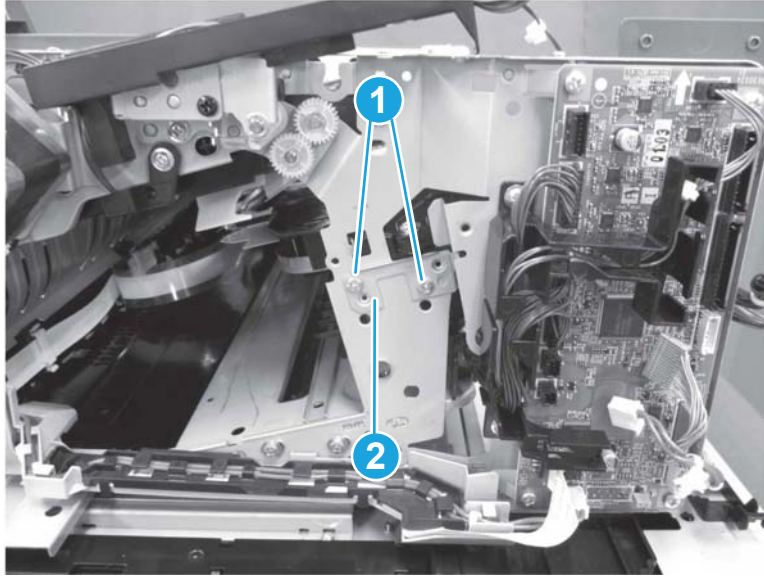
- l. Pass the cable (callout 1) through the opening (callout 2) in the frame.

**Figure 1-3119** Pass the cable through the opening



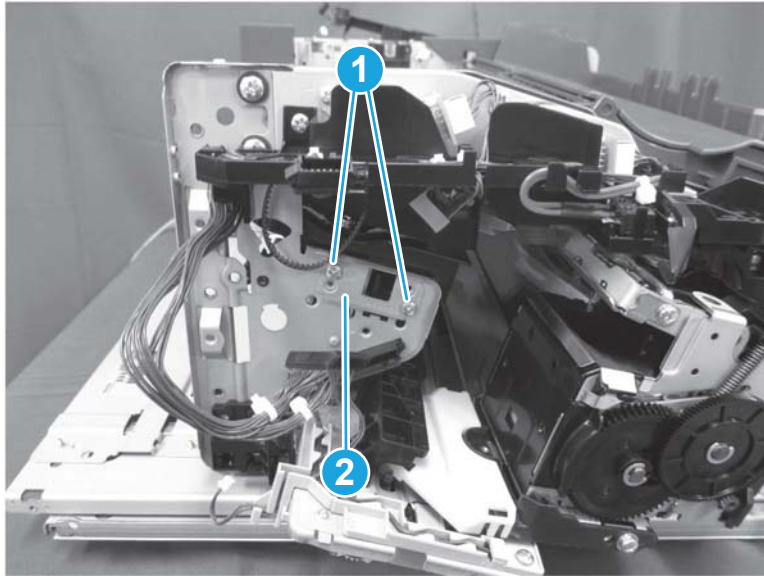
- m. Remove two screws (callout 1), and then remove the fixing plate (callout 2).

Figure 1-3120 Remove the fixing plate



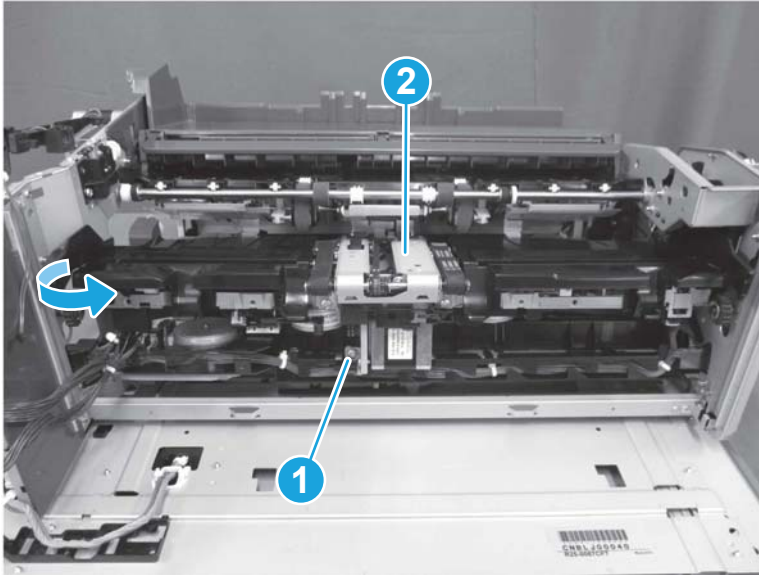
- n. Remove two screws (callout 1), and then remove the fixing plate (callout 2).

Figure 1-3121 Remove the fixing plate



- o. Remove one screw (callout 1). Rotate the processing tray (callout 2) away from the finisher to remove it.

Figure 1-3122 Remove the processing tray



- 8. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Inner finisher staple mount assembly (M776zs)

Learn how to remove and replace the inner finisher staple mount assembly.

Mean time to repair: 45 minutes

Service level: Hard

#### Before performing service

##### Turn the printer power off

- o. Disconnect the power cable.

---

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-149 Part information**

Part number	Part description
FM1-D645-000CN	Staple mount assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip
- Small, flat-blade screwdriver

### After performing service

#### Turn the printer power on

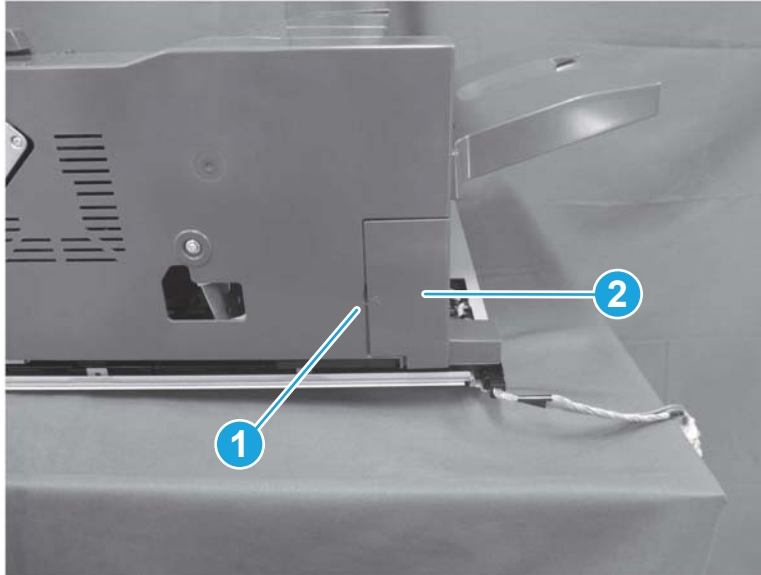
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

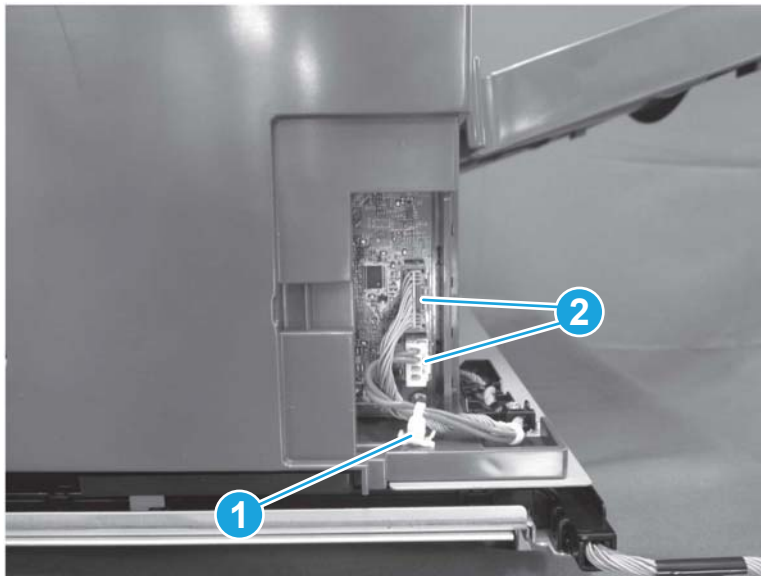
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3123 Remove the connector cover



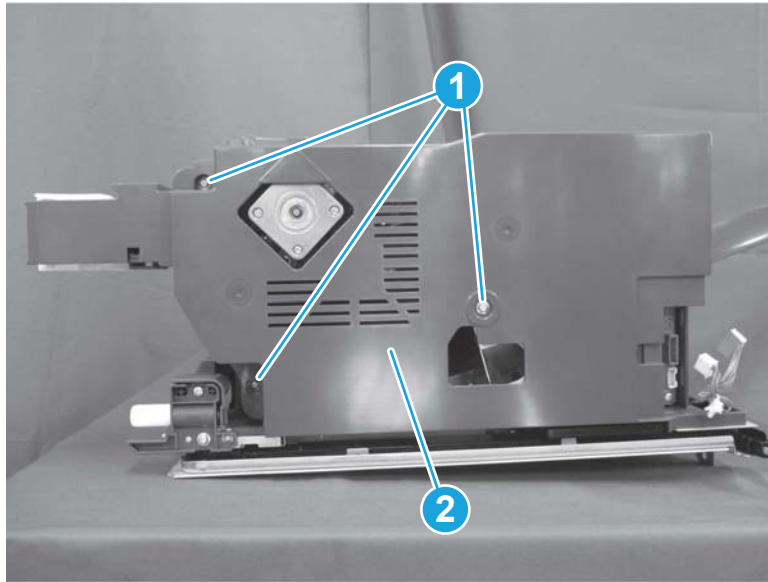
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3124 Disconnect two connectors



- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

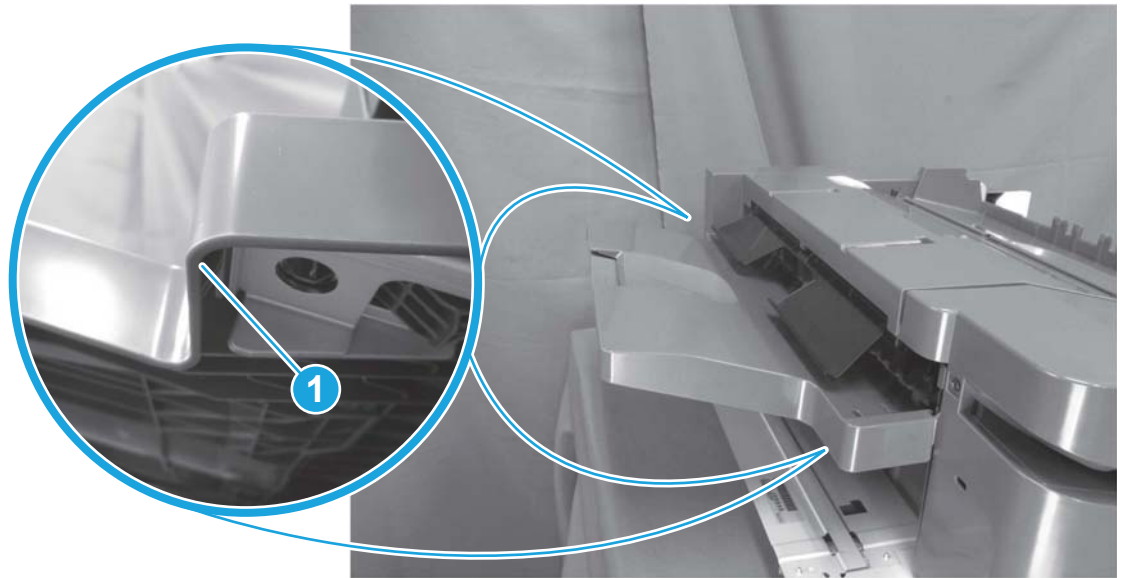
Figure 1-3125 Remove the rear cover



- 3. Remove the inner finisher stack tray assembly (M776zs).

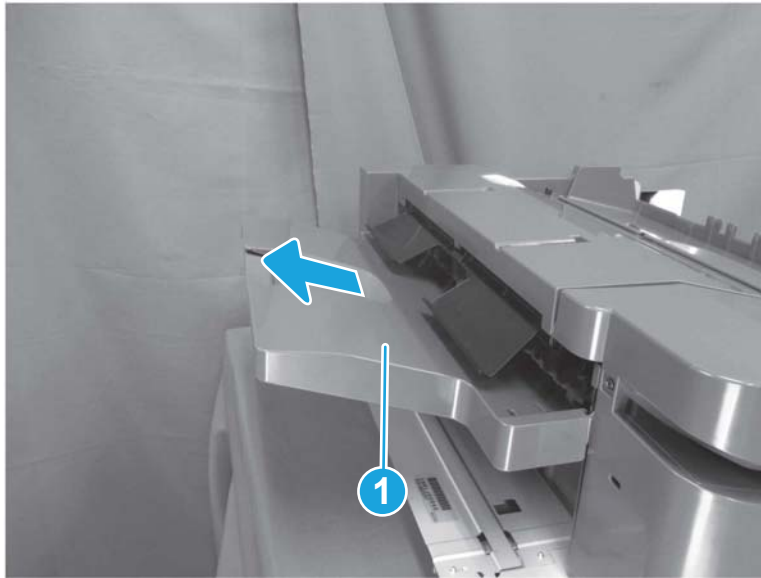
- a. Release two tabs (callout 1).

Figure 1-3126 Release two tabs



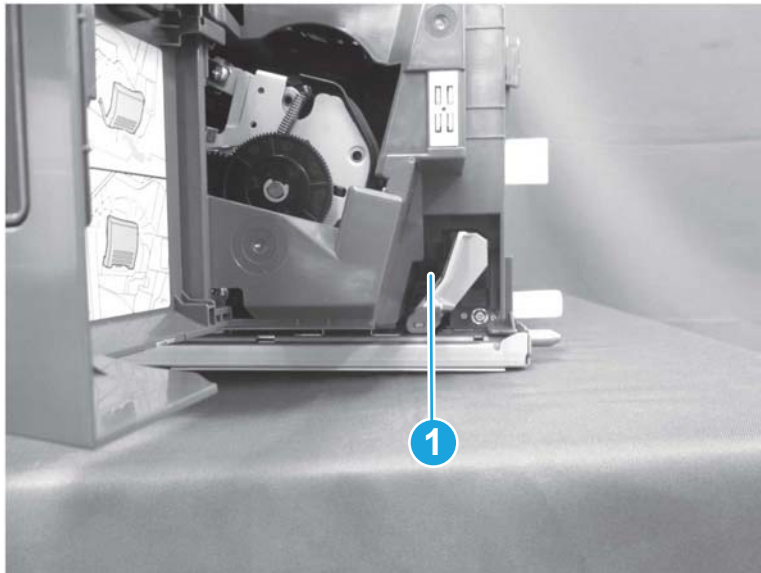
- b. Slide the stack tray assembly (callout 1) away from the finisher to remove it.

Figure 1-3127 Remove the stack tray assembly



- 4. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

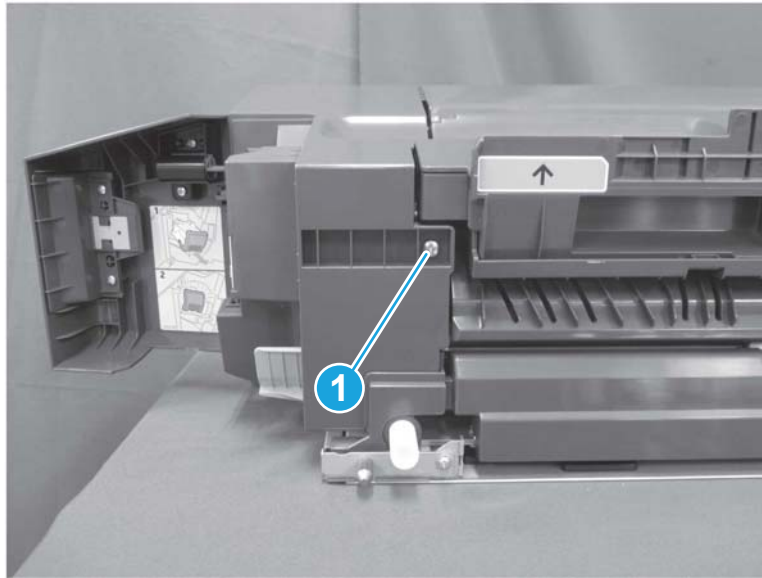
Figure 1-3128 Remove one screw





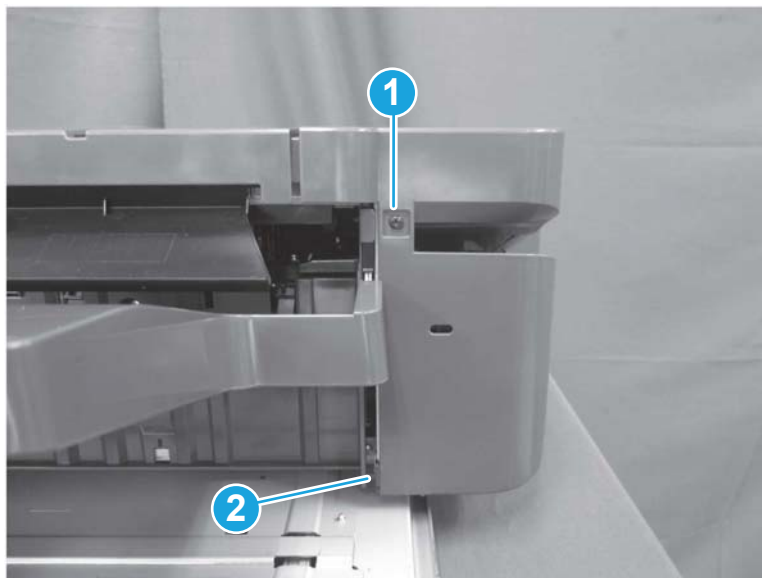
- b. Remove one screw (callout 1).

Figure 1-3129 Remove one screw



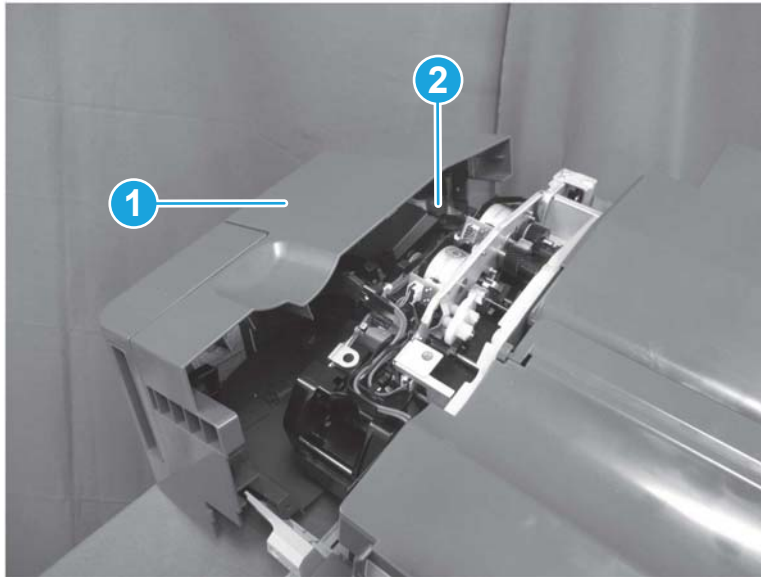
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3130 Remove one screw and release one tab



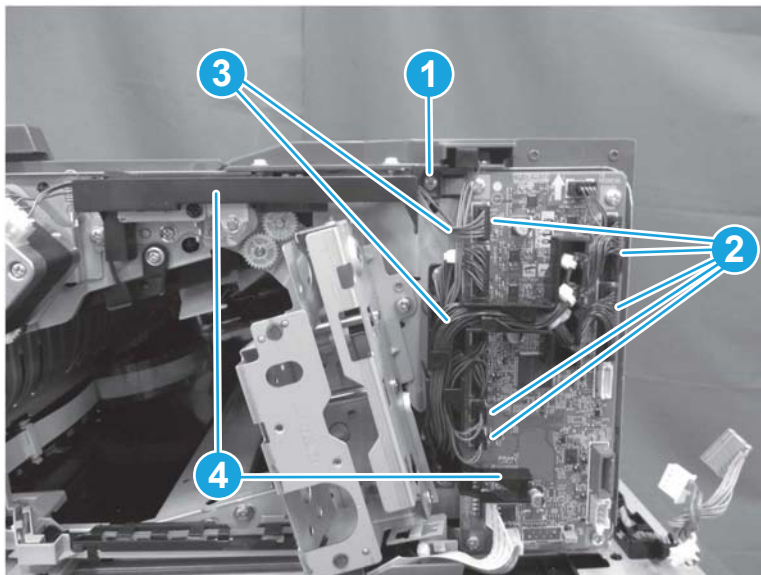
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3131 Remove the front cover



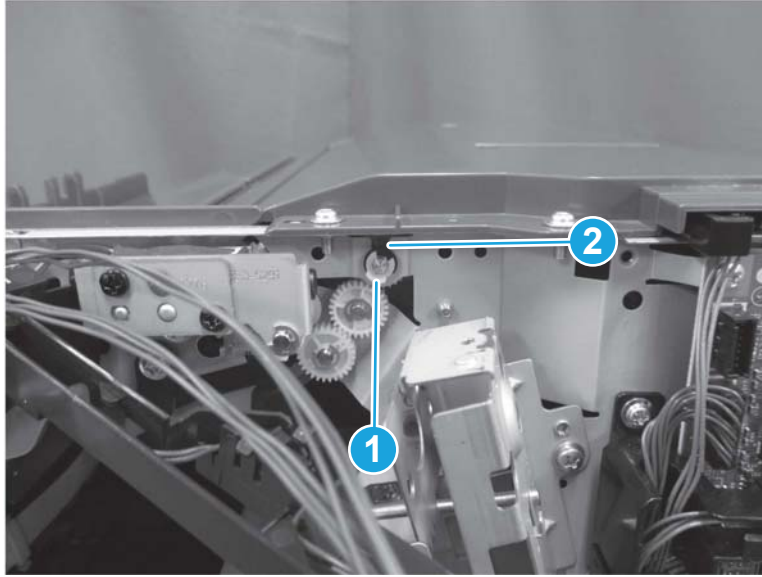
- 5. Remove the inner finisher upper feed guide (M776zs).
  - a. Remove one screw (callout 1), and then disconnect five connectors (callout 2). Release the cables (callout 3) from the guide (callout 4).

Figure 1-3132 Remove one screw and disconnect five connectors



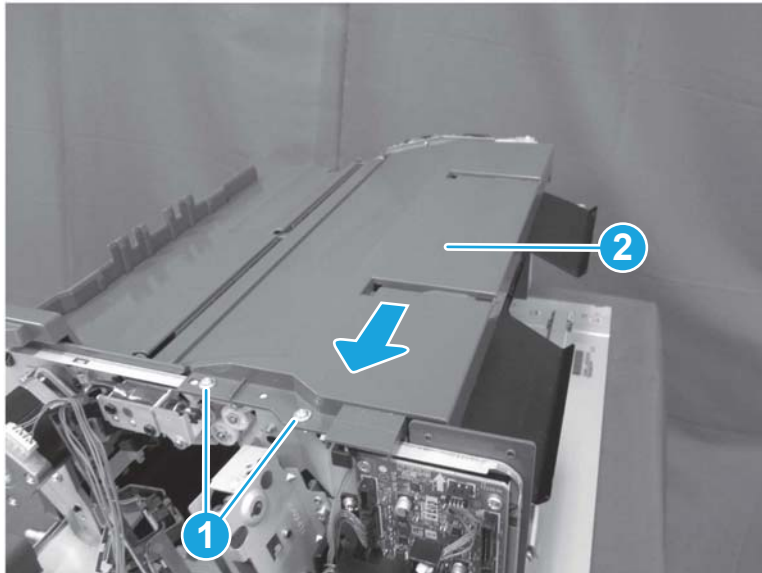
- b. Remove one e-clip (callout 1), and then remove the bushing (callout 2).

Figure 1-3133 Remove e-clip and bushing



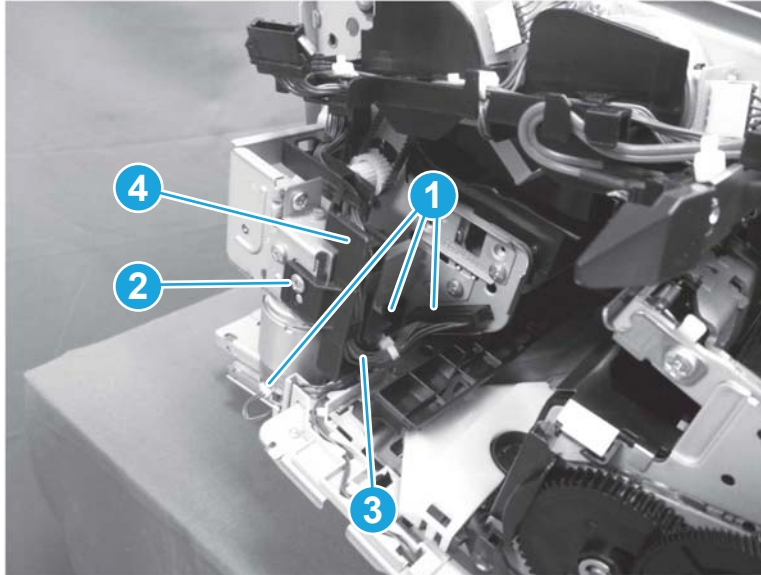
- c. Remove one screw (callout 1). Lift the upper feed guide (callout 2), and then slide it towards the front of the finisher to remove it.

Figure 1-3134 Remove the upper feed guide



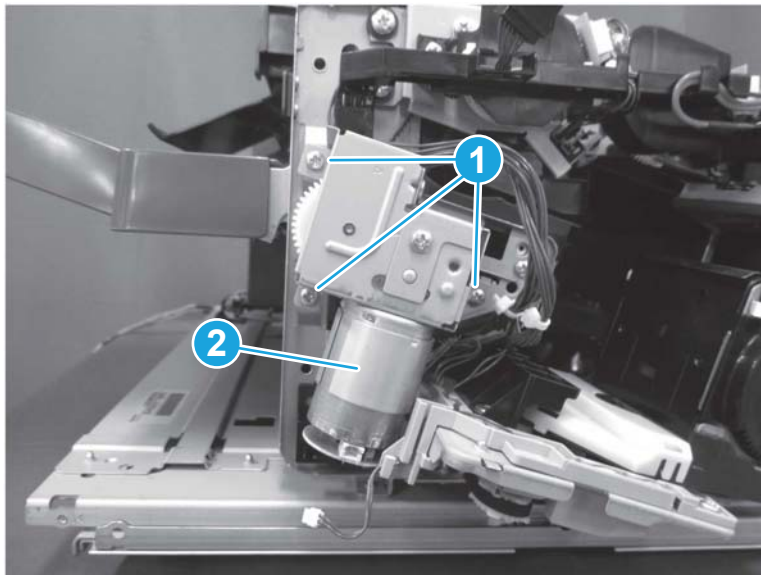
- 6. Remove the inner finisher tray lifting motor (M776zs).
  - a. Disconnect three connectors (callout 1), and then remove one screw (callout 2). Release the cable (callout 3) from the guide (callout 4), and then remove the guide (callout 4).

Figure 1-3135 Disconnect three connectors and remove one screw



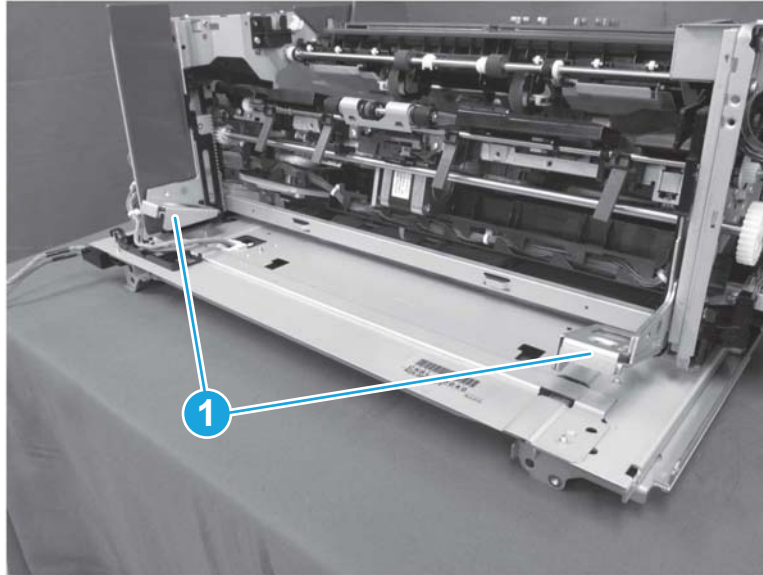
- b. Remove three screws (callout 1), and then remove the tray lifting motor (callout 2).

Figure 1-3136 Remove three screws and the tray lifting motor



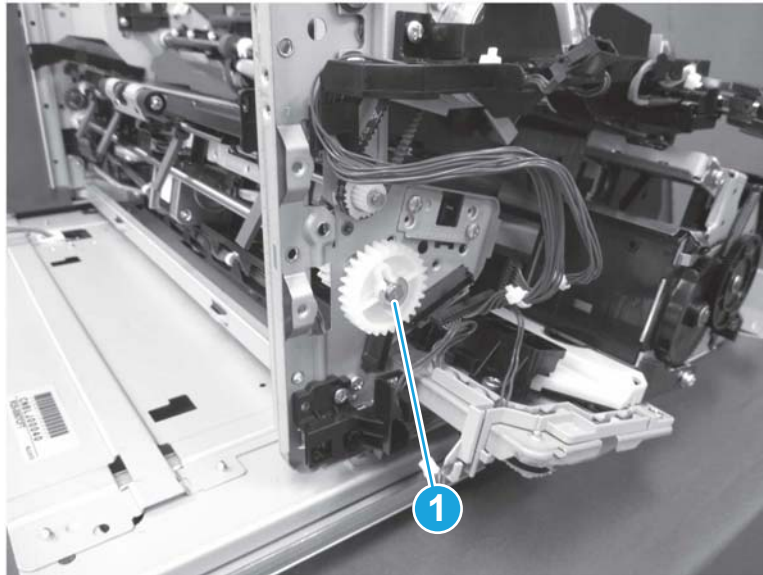
- 7. Remove the inner finisher processing tray assembly (M776zs).
  - a. Slide two locks (callout 1) up to remove them.

Figure 1-3137 Remove two locks



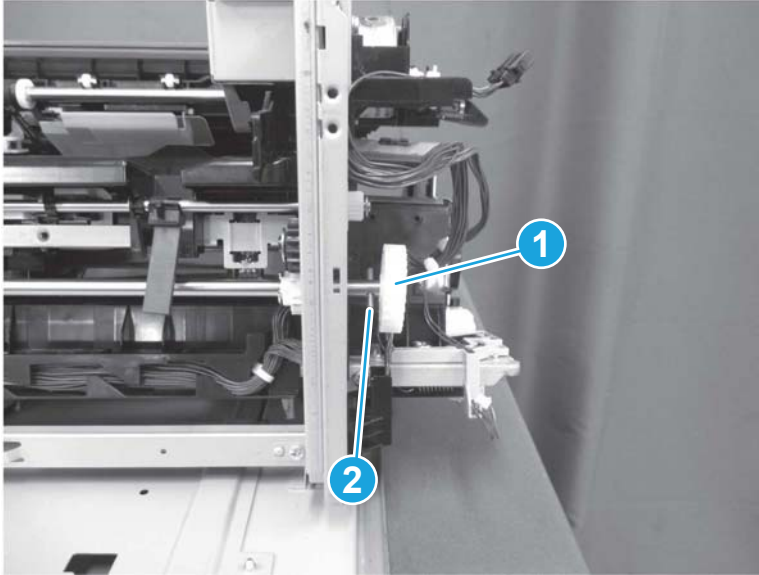
- b. Remove one e-ring (callout 1).

Figure 1-3138 Remove one e-ring



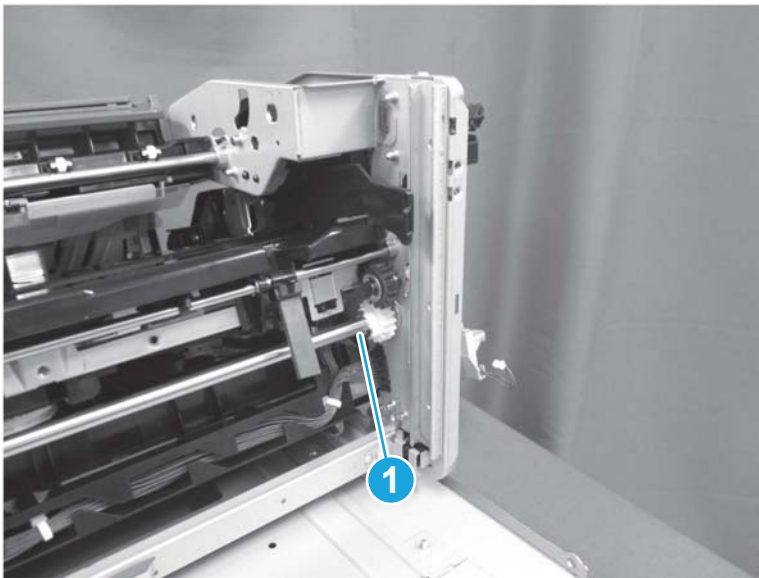
- c. Remove one gear (callout 1), and then remove one dowel pin (callout 2).

Figure 1-3139 Remove one gear and dowel pin



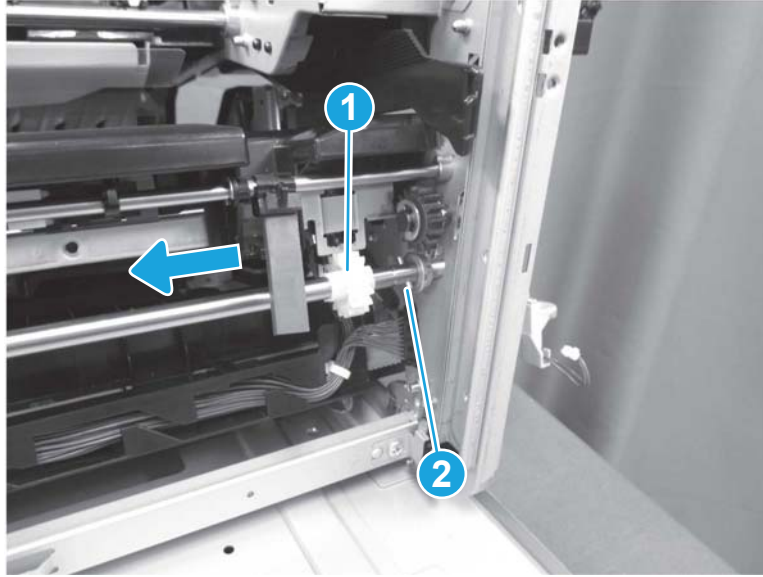
- d. Remove one e-ring (callout 1).

Figure 1-3140 Remove one e-ring



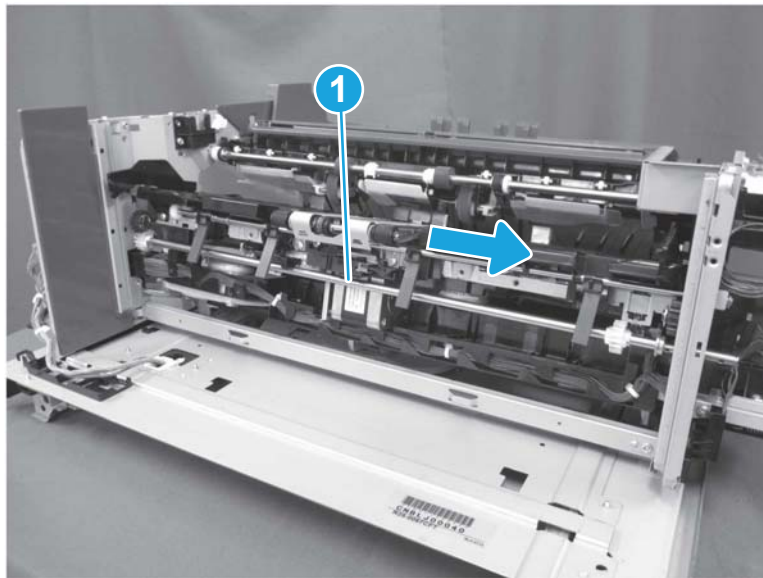
- e. Slide the gear (callout 1) to the left, and then remove one dowel pin (callout 2).

Figure 1-3141 Remove one dowel pin



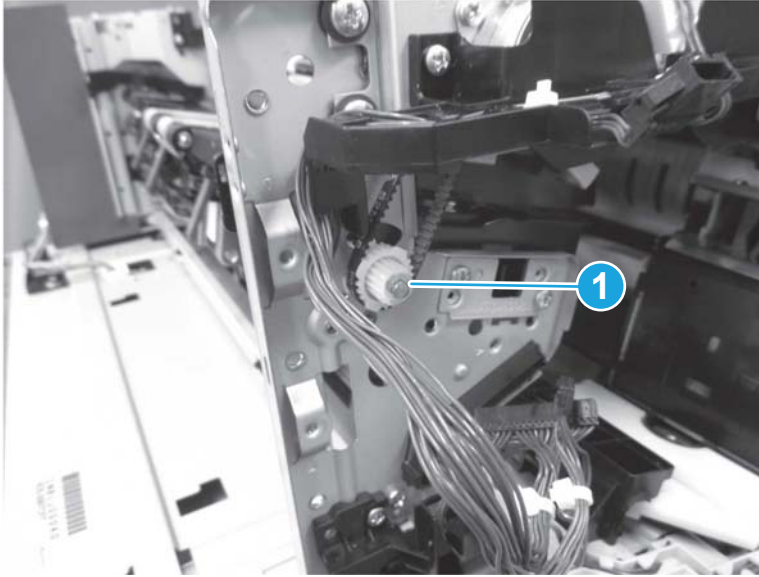
- f. Slide the tray drive shaft (callout 1) to the left, and then pull it away from the finisher to remove it.

Figure 1-3142 Remove the tray drive shaft



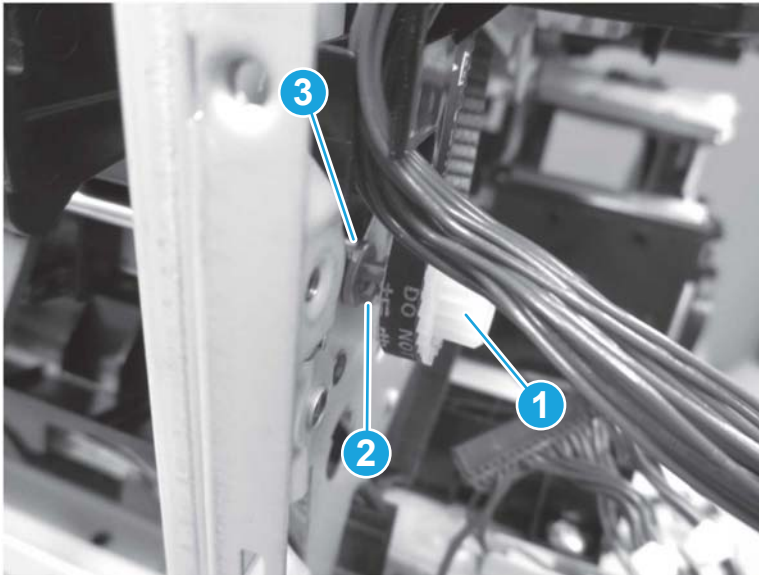
- g. Remove one e-ring (callout 1).

Figure 1-3143 Remove one e-ring



- h. Remove one gear (callout 1), remove one dowel pin (callout 2), and then remove the bushing (callout 3).

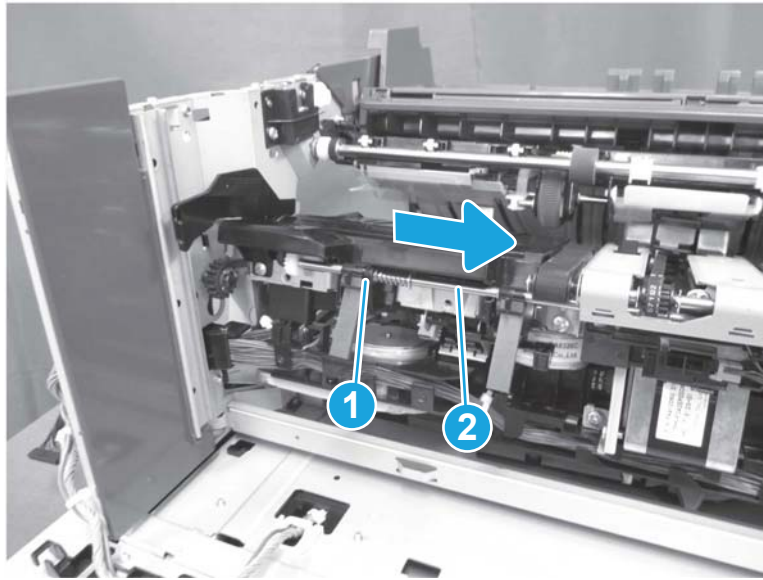
Figure 1-3144 Remove gear, dowel pin, and bushing





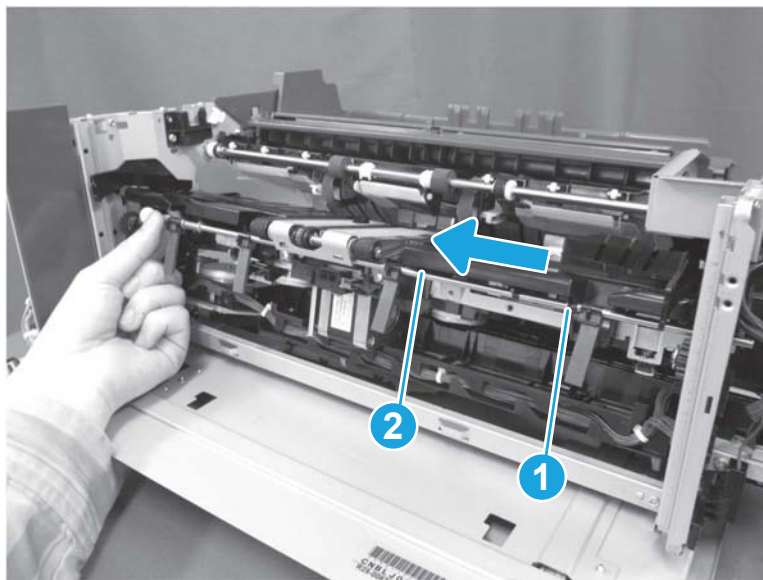
- i. Slide the bushing (callout 1) to the right, and then release the paper holder (callout 2).

Figure 1-3145 Release the paper holder




- j. Slide the bushing (callout 1) to the left, and then remove the paper holder (callout 2).

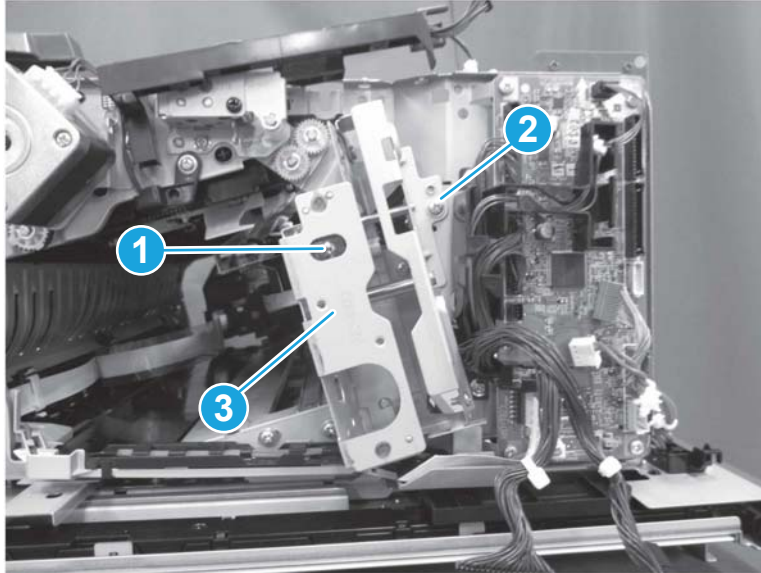
Figure 1-3146 Remove the paper holder



- k. Remove one screw (callout 1), remove two screws (callout 2), and then slide the stay assembly (callout 3) up to remove it.

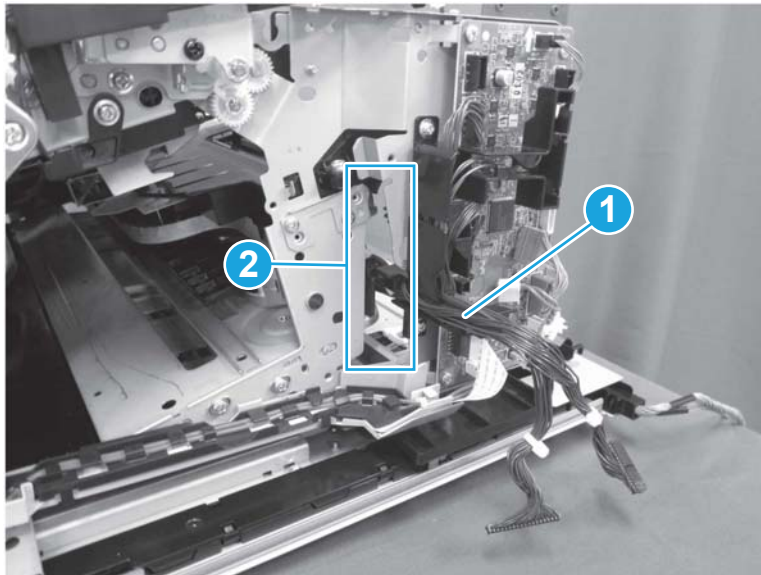
 **NOTE:** One screw (callout 1) is larger than the other two. Make sure this screw is reinstalled in the correct position.

**Figure 1-3147** Remove the stay assembly



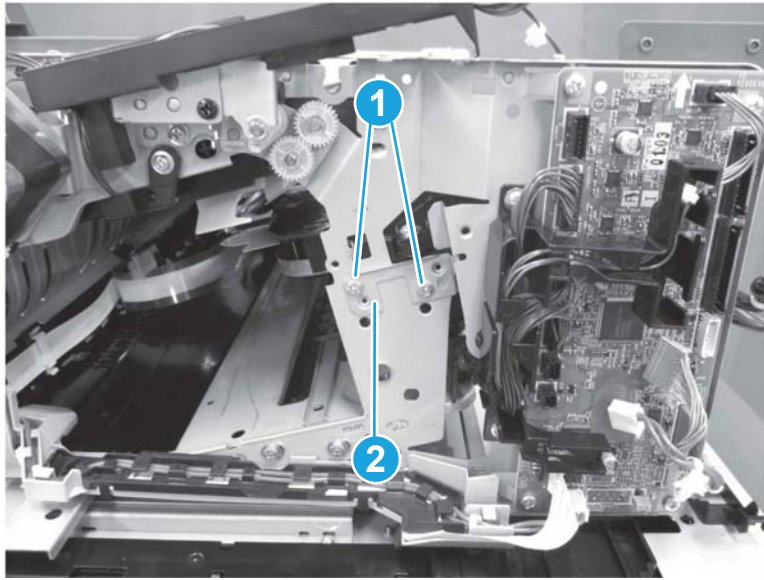
- l. Pass the cable (callout 1) through the opening (callout 2) in the frame.

**Figure 1-3148** Pass the cable through the opening



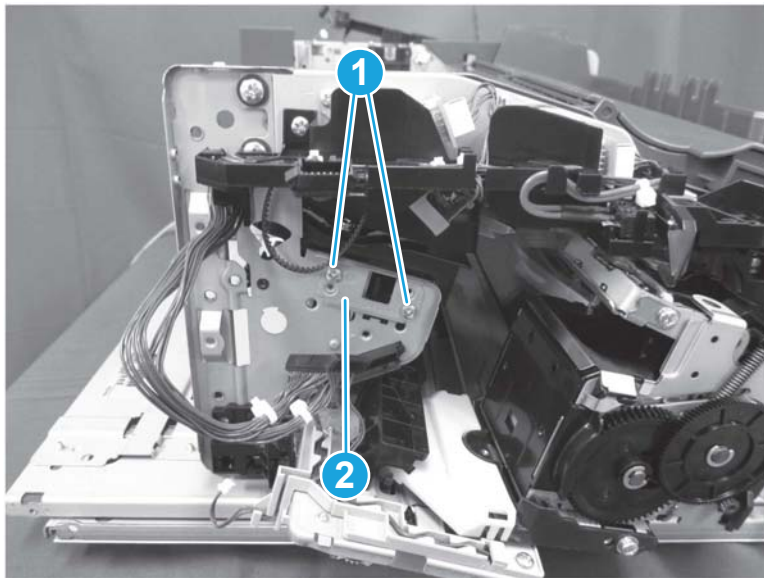
- m. Remove two screws (callout 1), and then remove the fixing plate (callout 2).

Figure 1-3149 Remove the fixing plate



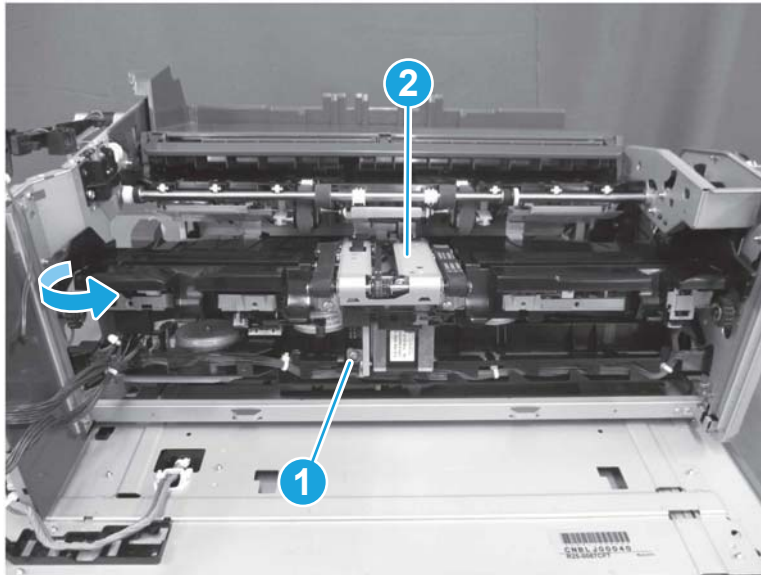
- n. Remove two screws (callout 1), and then remove the fixing plate (callout 2).

Figure 1-3150 Remove the fixing plate



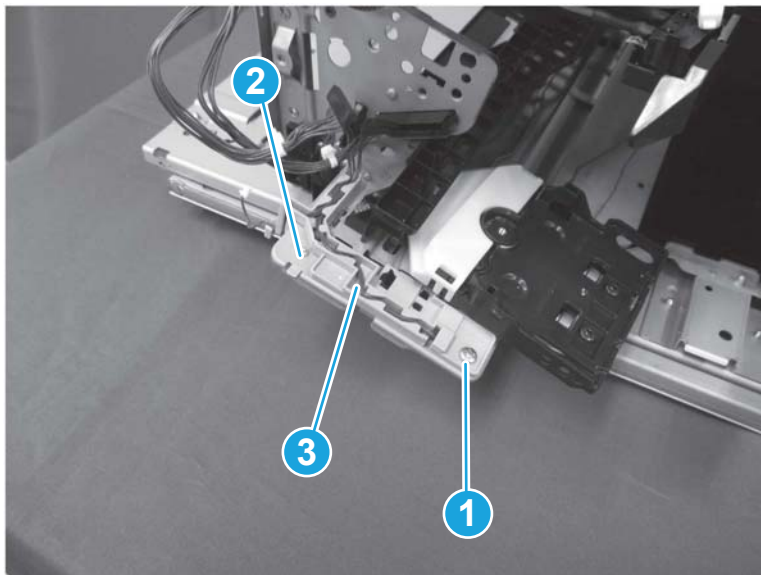
- o. Remove one screw (callout 1). Rotate the processing tray (callout 2) away from the finisher to remove it.

Figure 1-3151 Remove the processing tray



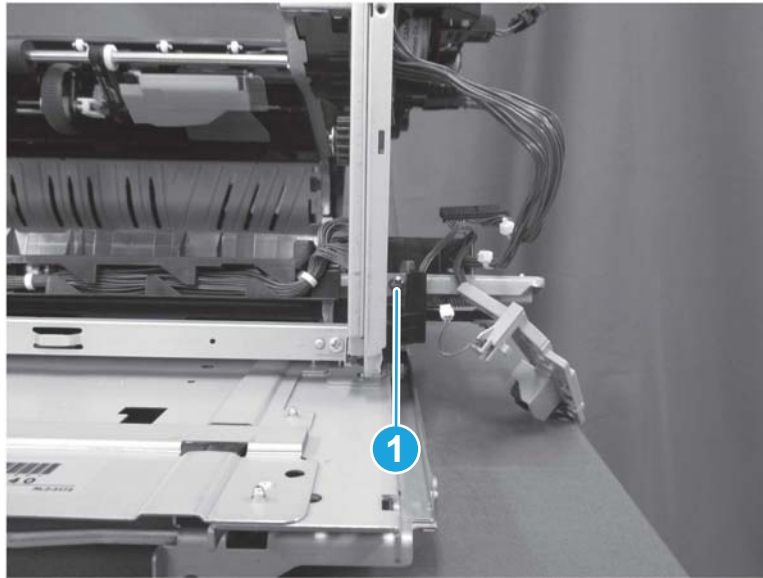
- 8. Remove the inner finisher staple mount assembly (M776zs).
  - a. Remove one screw (callout 1), and then remove the cable guide (callout 2) and the cable (callout 3) together.

Figure 1-3152 Remove the cable and guide



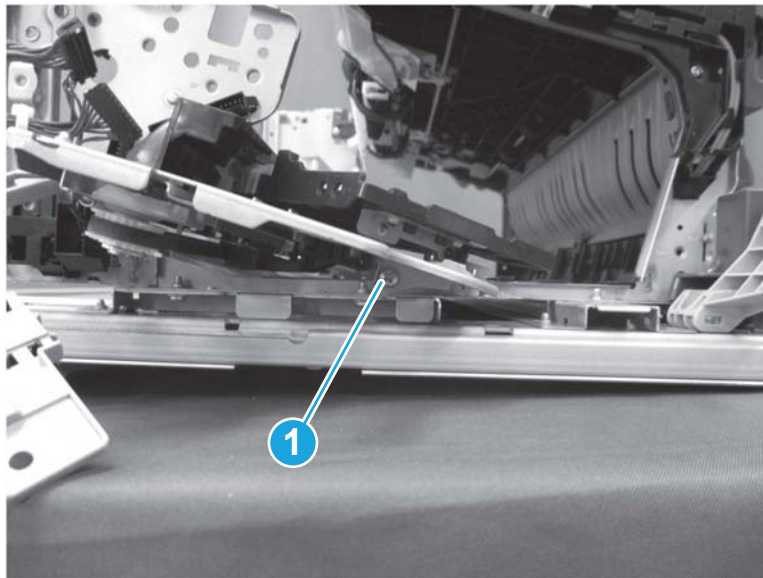
- b. Remove one screw (callout 1).

Figure 1-3153 Remove one screw



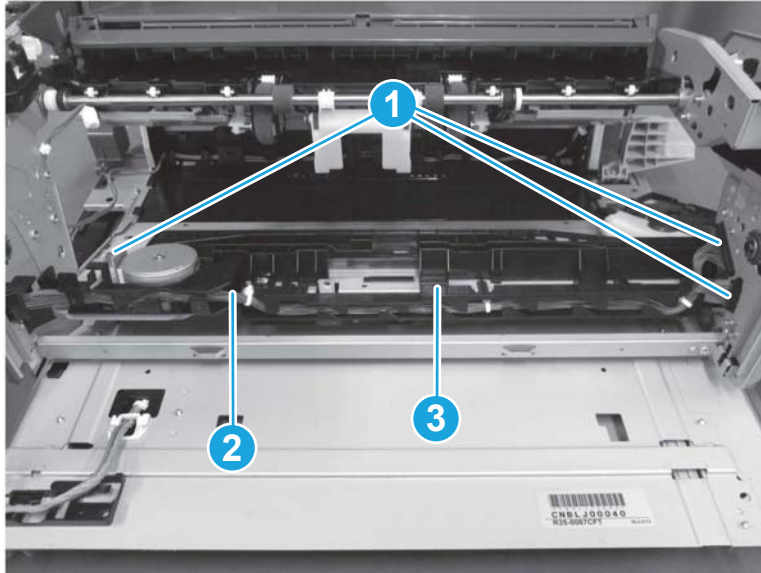
- c. Remove one screw (callout 1).

Figure 1-3154 Remove one screw



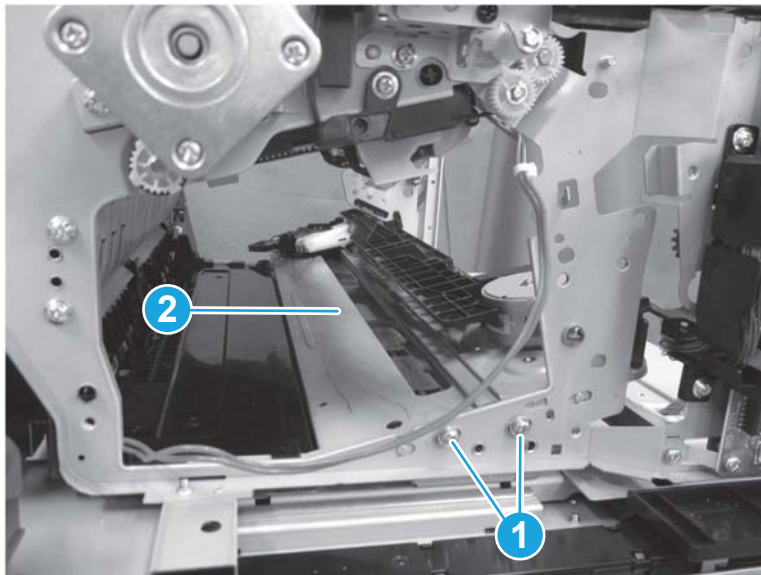
- d. Disconnect three connectors (callout 1), and then release the cable (callout 2) from the cable guide (callout 3).

Figure 1-3155 Disconnect three connectors and release the cable



- e. Remove two screws (callout 1), and then remove the staple mount assembly (callout 2).

Figure 1-3156 Remove the staple mount assembly



9. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher controller PCA (M776zs)

Learn how to remove and replace the inner finisher controller PCA.


Mean time to repair: 5 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-150** Part information

Part number	Part description
RM3-7323-000CN	Staple stacker PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

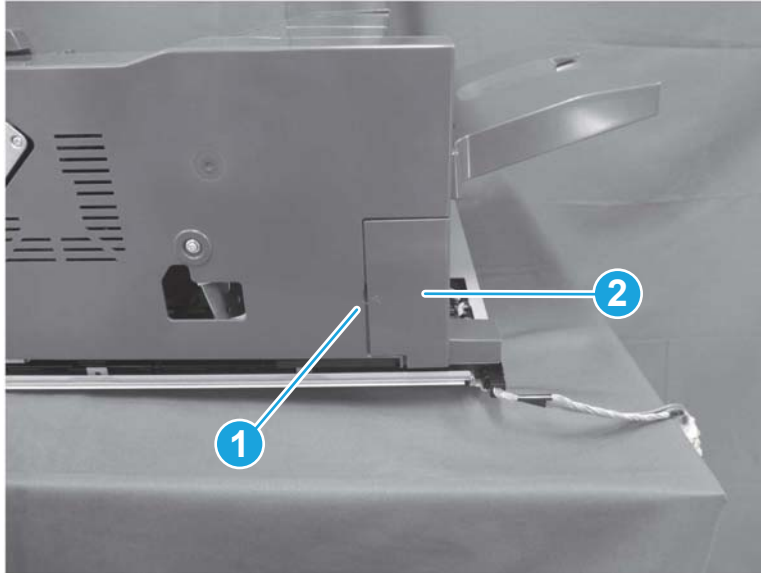
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

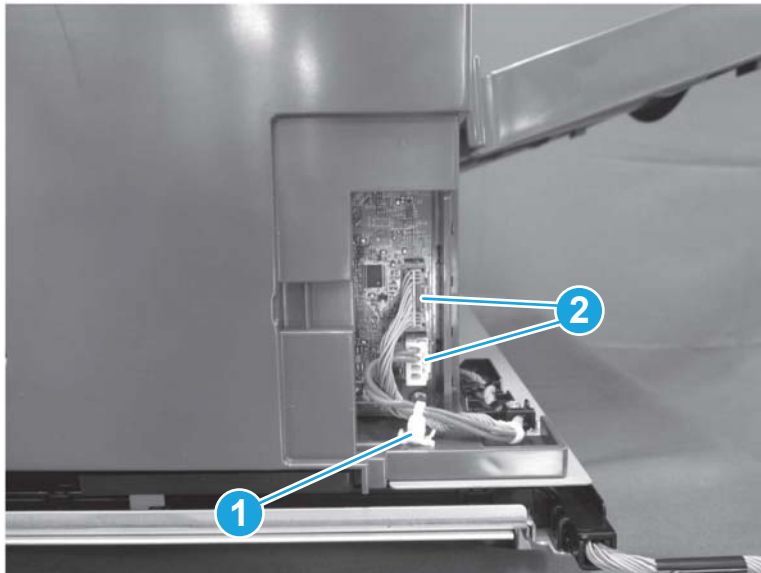
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

**Figure 1-3157** Remove the connector cover



2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

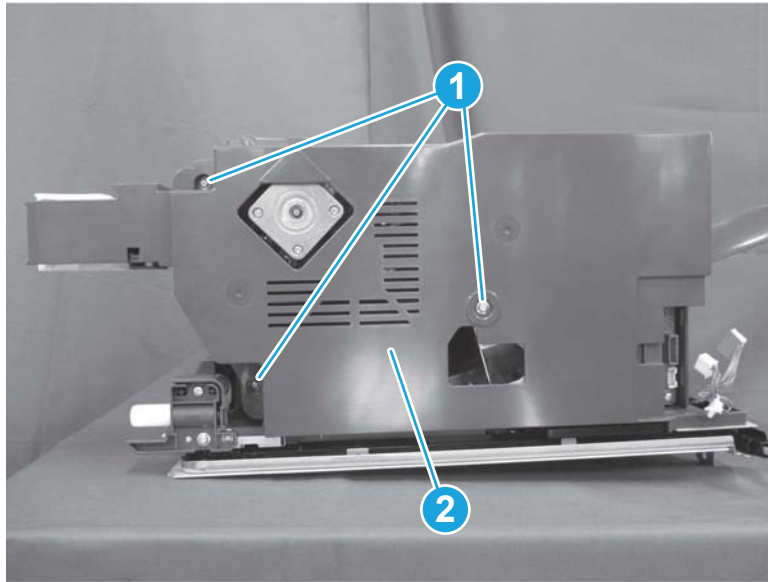
**Figure 1-3158** Disconnect two connectors





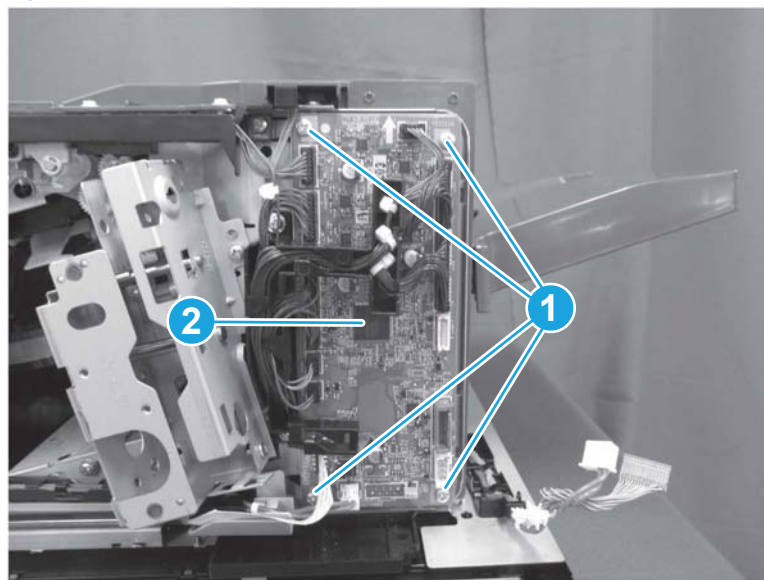
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3159 Remove the rear cover




3. Remove the inner finisher controller PCA (M776zs).
  - ▲ Disconnect all of the connectors on the controller PCA, remove four screws (callout 1), and then remove the controller PCA (callout 2).

Figure 1-3160 Remove the controller PCA



4. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---



 **NOTE:** HP recommends responsible disposal of the defective part.


<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.

---

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Inner finisher feed motor (M776zs)

Learn how to remove and replace the inner finisher feed motor.

Mean time to repair: 5 minutes


Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-151** Part information

Part number	Part description
FK4-2060-000CN	Motor, stepping

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

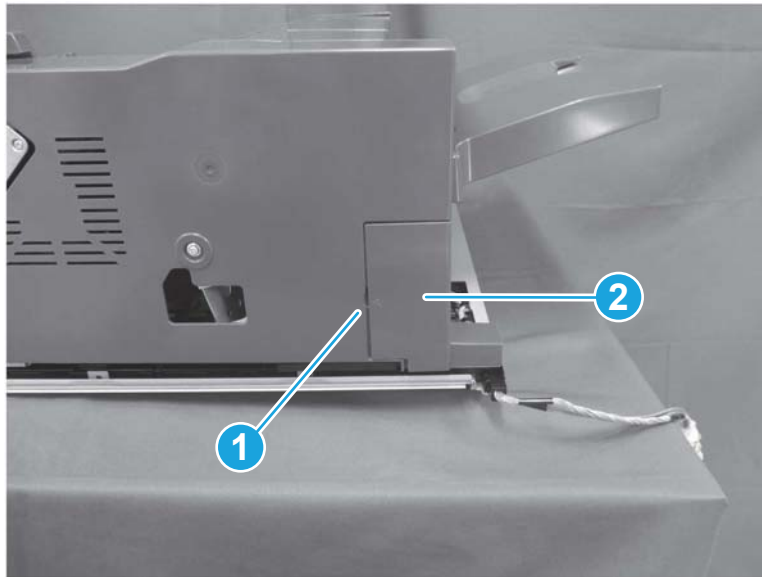
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

#### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

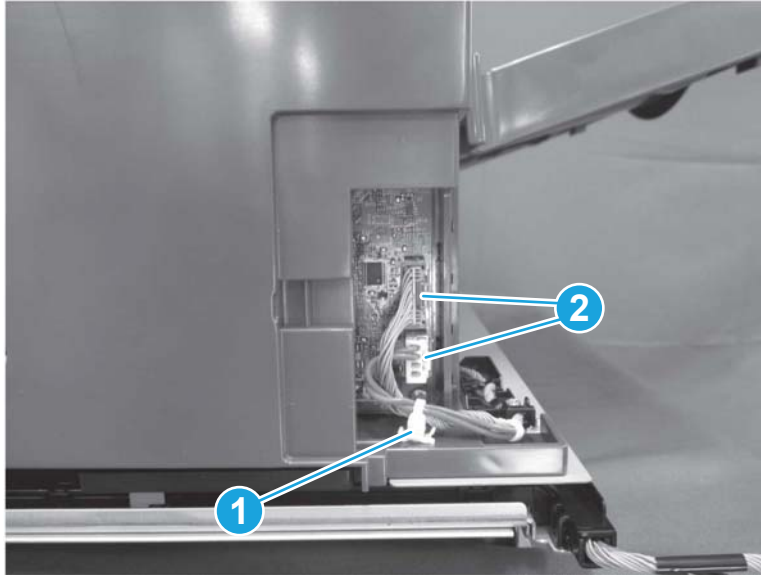
1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

**Figure 1-3161** Remove the connector cover



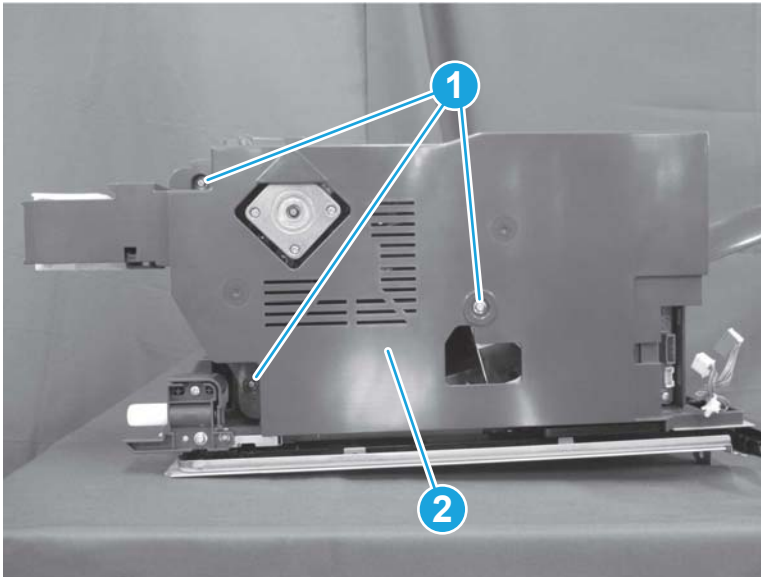
2. Remove the inner finisher rear cover (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3162 Disconnect two connectors



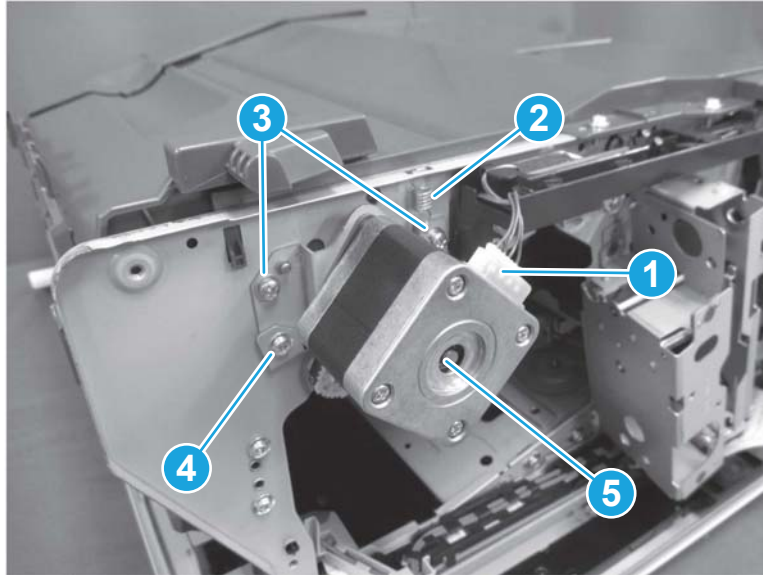
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3163 Remove the rear cover



3. Remove the inner finisher feed motor (M776zs).
  - ▲ Disconnect one connector (callout 1), and then unhook one spring (callout 2). Remove two screws with washers (callout 3), and then remove one machine screw (callout 4). Remove the feed motor (callout 5).

Figure 1-3164 Remove the feed motor



4. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Inner finisher tray lifting motor (M776zs)

Learn how to remove and replace the inner finisher tray lifting motor.

Mean time to repair: 10 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.



**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-152** Part information

Part number	Part description
FM1-C439-000CN	Height tray motor assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

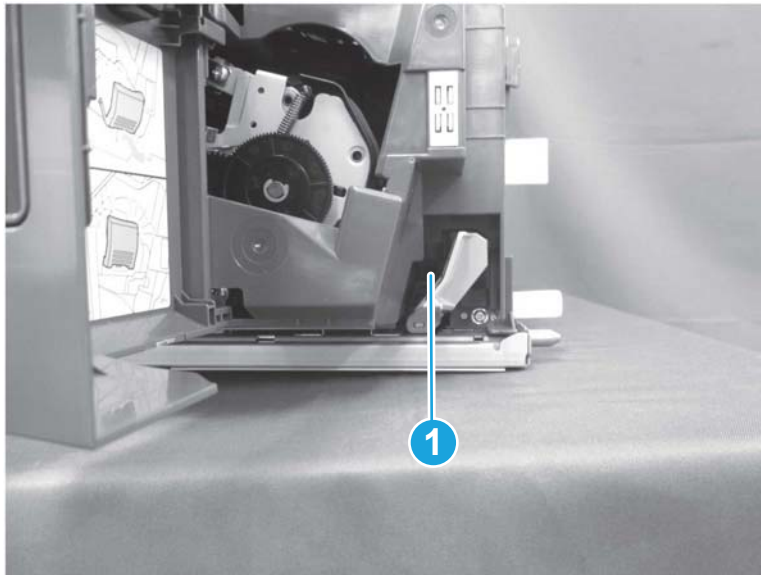
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

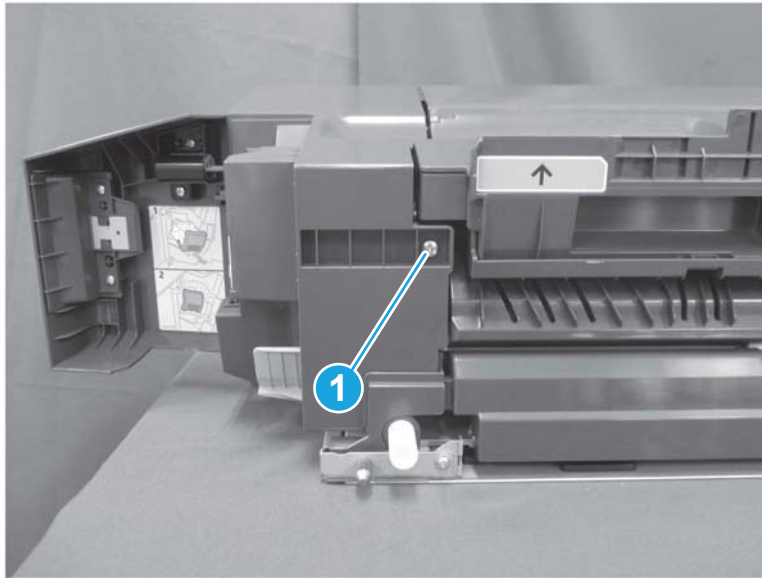
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

**Figure 1-3165** Remove one screw



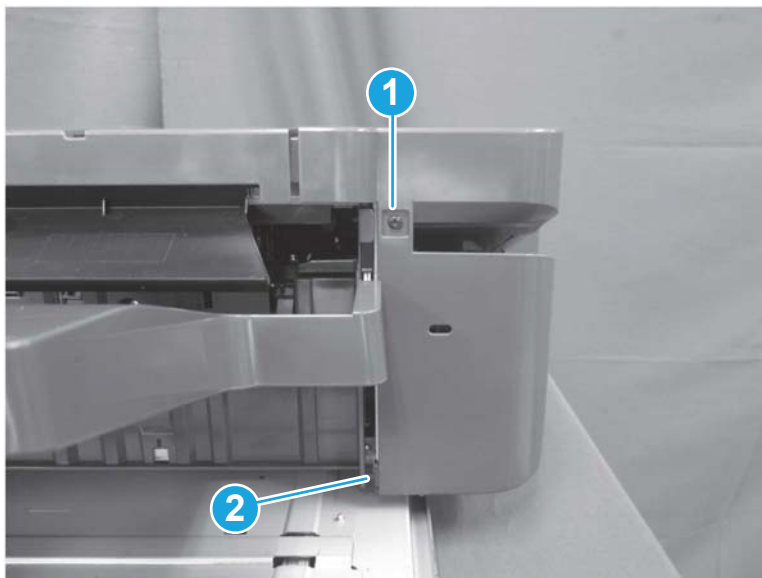
- b. Remove one screw (callout 1).

Figure 1-3166 Remove one screw



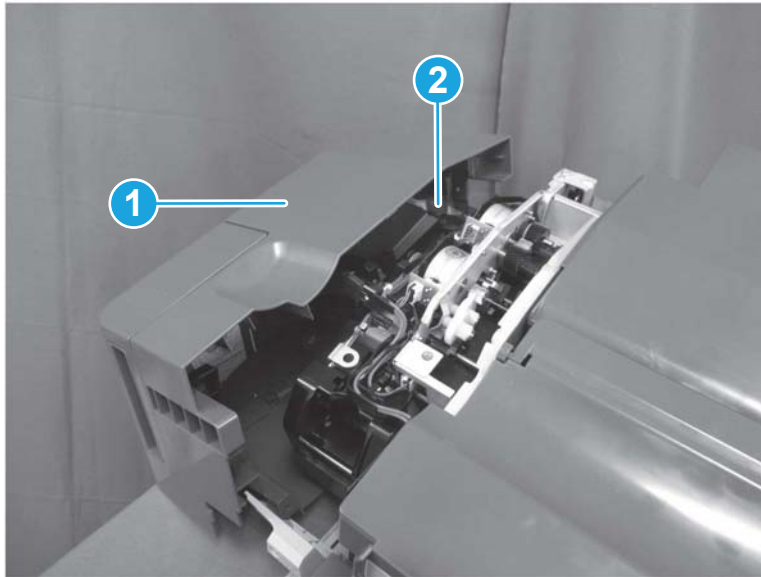
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3167 Remove one screw and release one tab



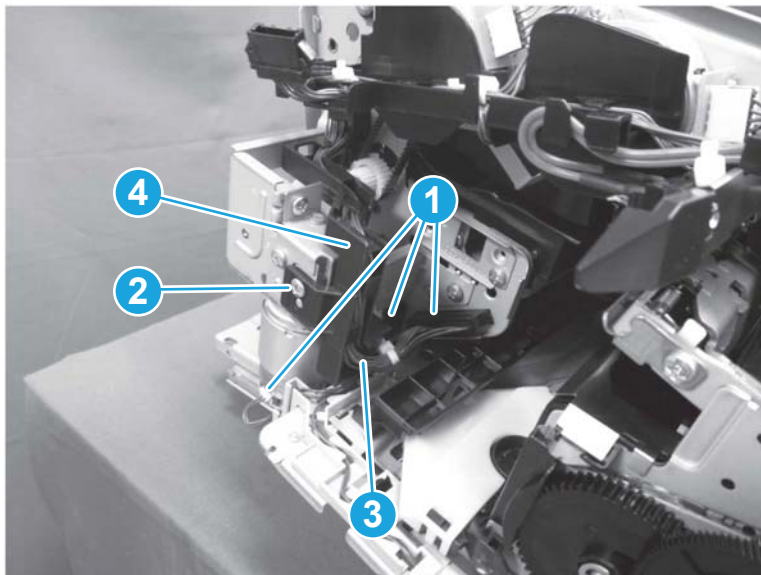
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3168 Remove the front cover



2. Remove the inner finisher tray lifting motor (M776zs).
  - a. Disconnect three connectors (callout 1), and then remove one screw (callout 2). Release the cable (callout 3) from the guide (callout 4), and then remove the guide (callout 4).

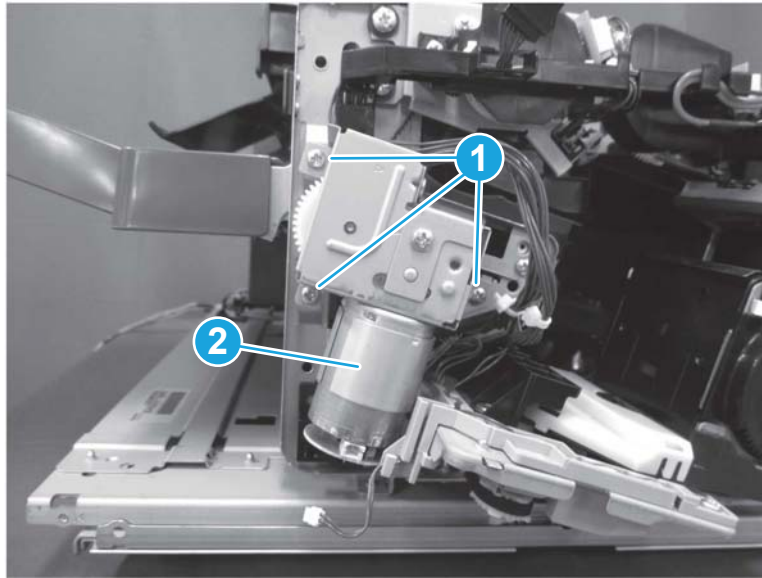
Figure 1-3169 Disconnect three connectors and remove one screw





- b. Remove three screws (callout 1), and then remove the tray lifting motor (callout 2).

**Figure 1-3170** Remove three screws and the tray lifting motor



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: Inner finisher trailing edge dropping solenoid (M776zs)

Learn how to remove and replace the inner finisher trailing edge dropping solenoid.

Mean time to repair: 10 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-153** Part information

Part number	Part description
FM1-F201-000CN	Estrangement solenoid assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

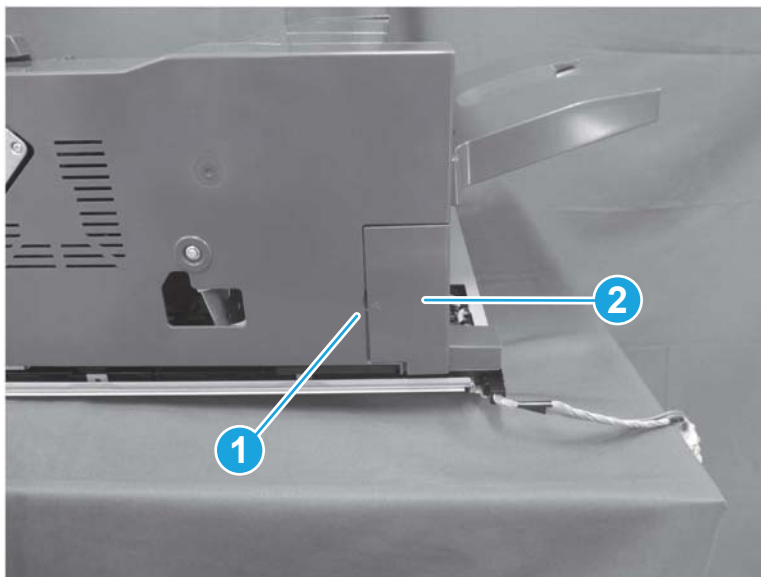
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

1. Remove the inner finisher connector cover (M776zs).
  - ▲ Release one tab (callout 1), and then remove the connector cover (callout 2).

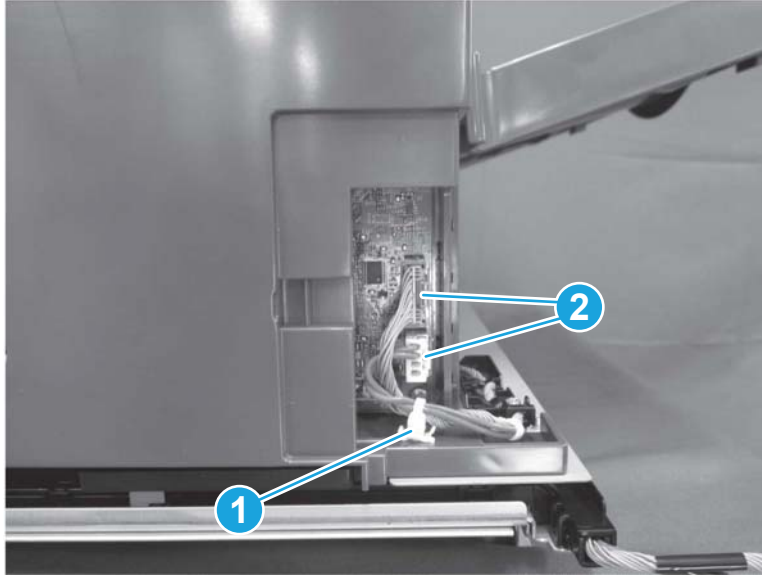
**Figure 1-3171** Remove the connector cover



2. Remove the inner finisher rear cover (M776zs).

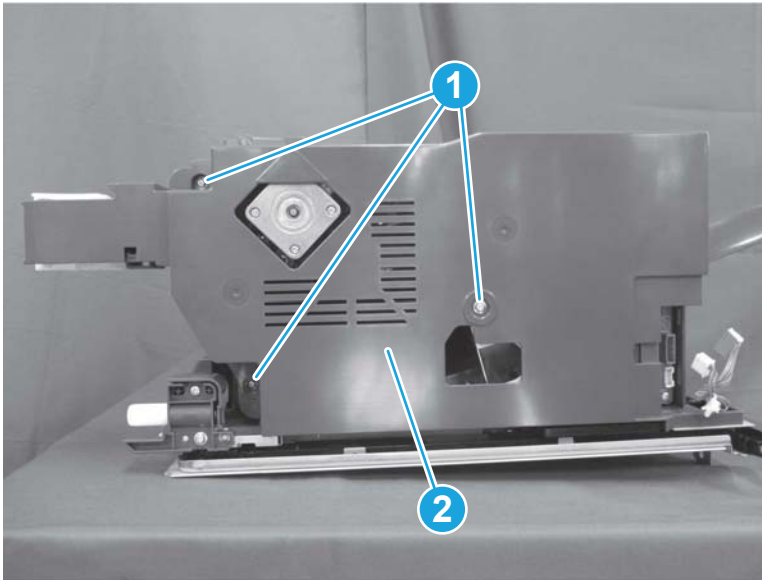
- a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3172 Disconnect two connectors



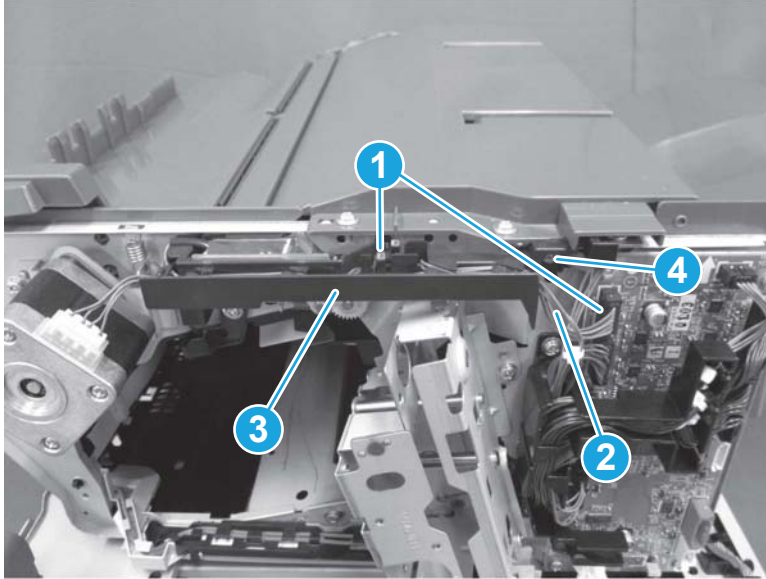
- b. Remove three screws (callout 1), and then remove the rear cover (callout 2).

Figure 1-3173 Remove the rear cover



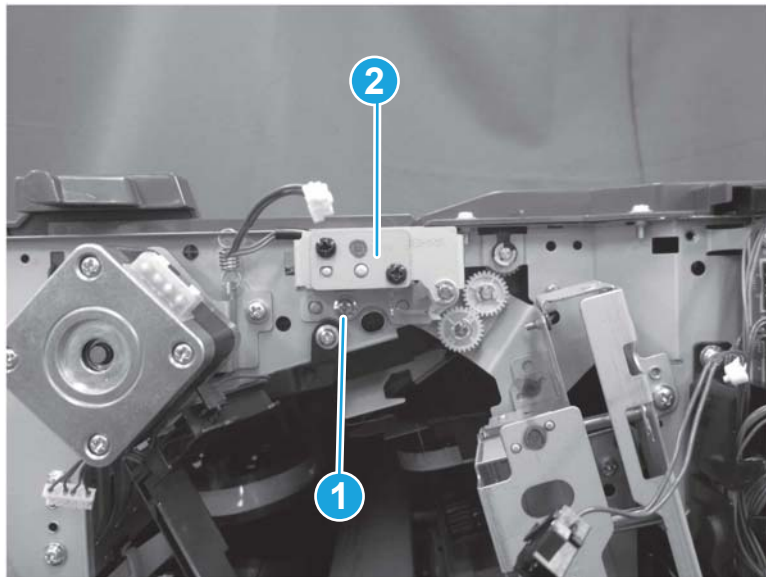
3. Remove the inner finisher trailing edge dropping solenoid (M776zs).
  - a. Disconnect two connectors (callout 1), and then release the cable (callout 2) from the guide (callout 3). Remove one screw (callout 4), and then remove the cable guide (callout 3).

Figure 1-3174 Disconnect two connectors and remove the cable guide



- b. Remove one screw (callout 1), and then remove the trailing edge dropping solenoid (callout 2).

Figure 1-3175 Remove the trailing edge dropping solenoid



4. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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### Removal and replacement: Inner finisher cable duct assembly (M776zs)

Learn how to remove and replace the inner finisher cable duct assembly.


Mean time to repair: 15 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-154** Part information

Part number	Part description
RM2-2444-000CN	Cable duct assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip

#### After performing service

##### Turn the printer power on

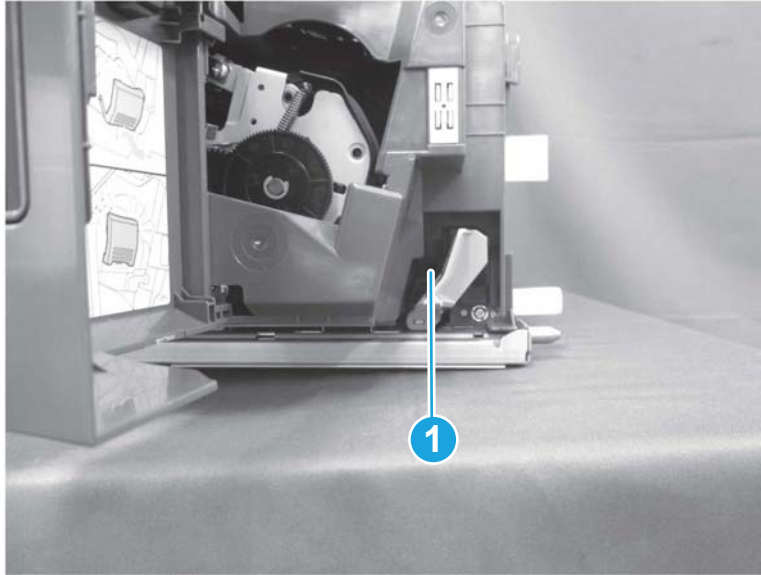
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

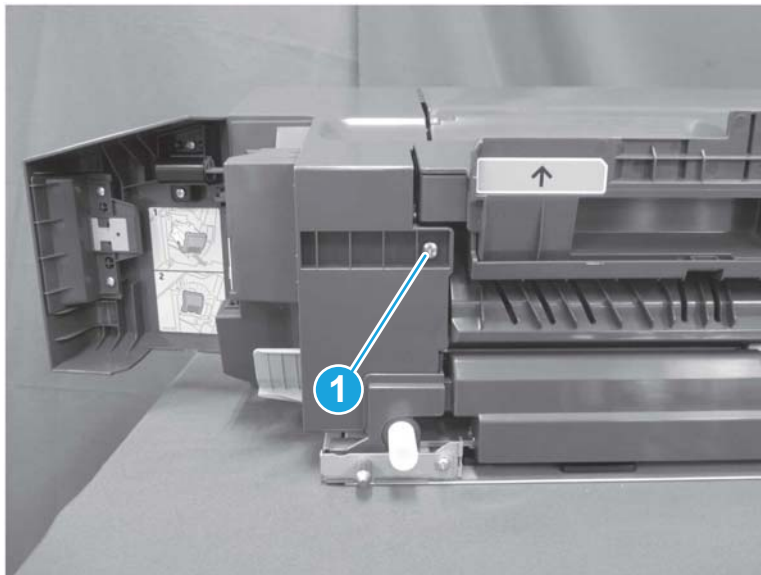
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

Figure 1-3176 Remove one screw



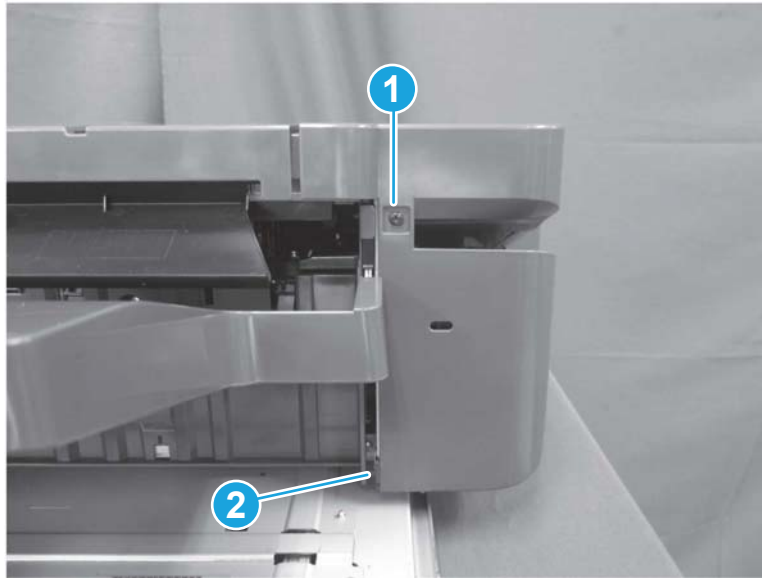
- b. Remove one screw (callout 1).

Figure 1-3177 Remove one screw



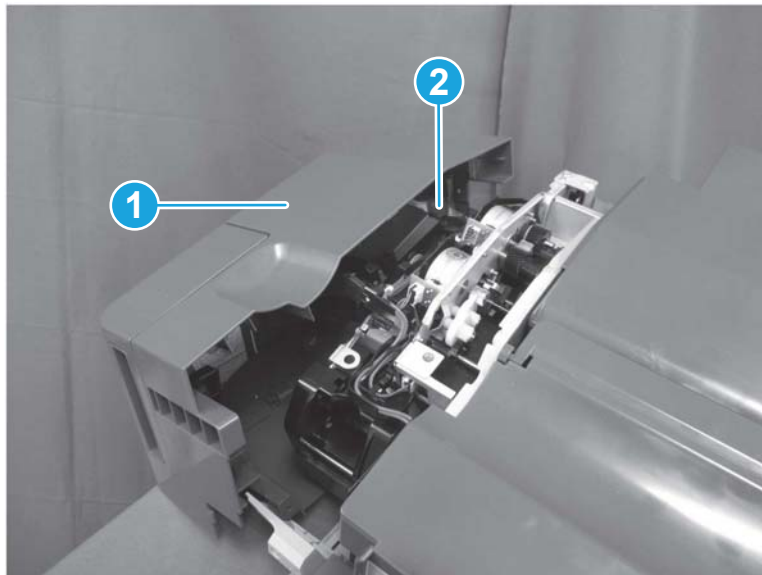
- c. Remove one screw (callout 1), and then release one tab (callout 2).

**Figure 1-3178** Remove one screw and release one tab



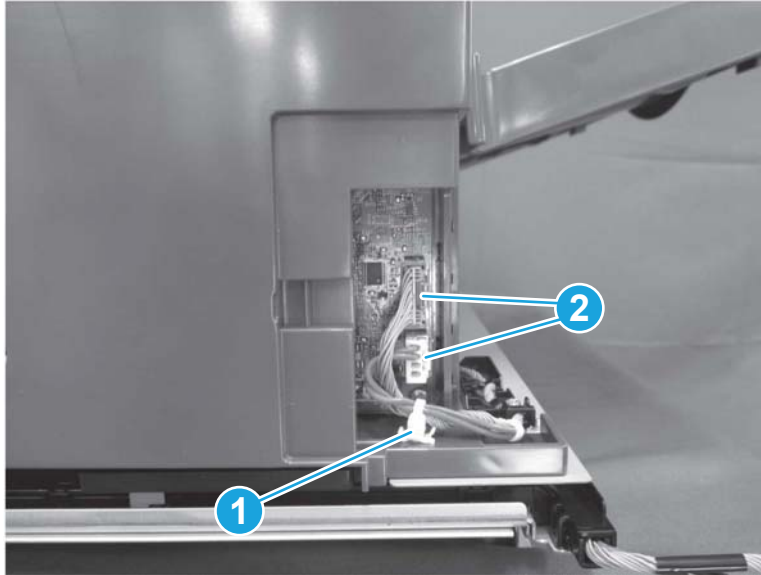
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

**Figure 1-3179** Remove the front cover



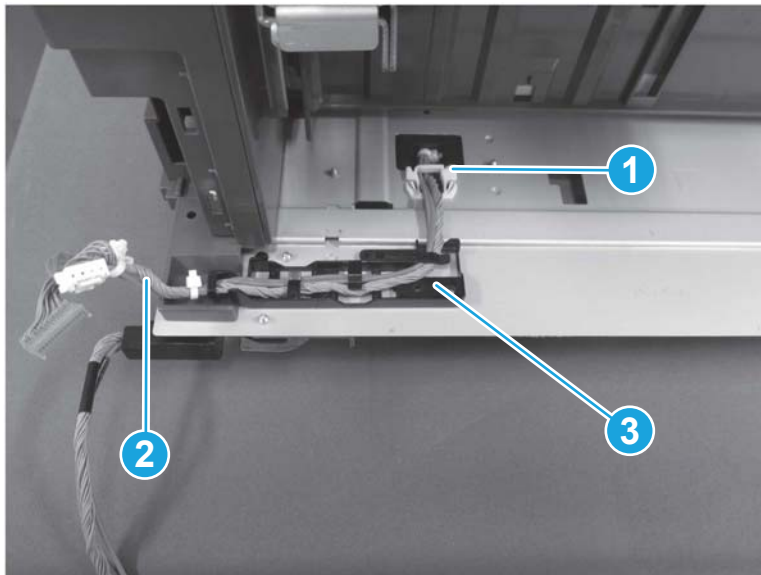
- 2. Remove the inner finisher cable duct assembly (M776zs).
  - a. Release one retainer (callout 1), and then disconnect two connectors (callout 2).

Figure 1-3180 Disconnect two connectors



- b. Open one retainer (callout 1), and then release the cables (callout 2) from the cable guides (callout 3).

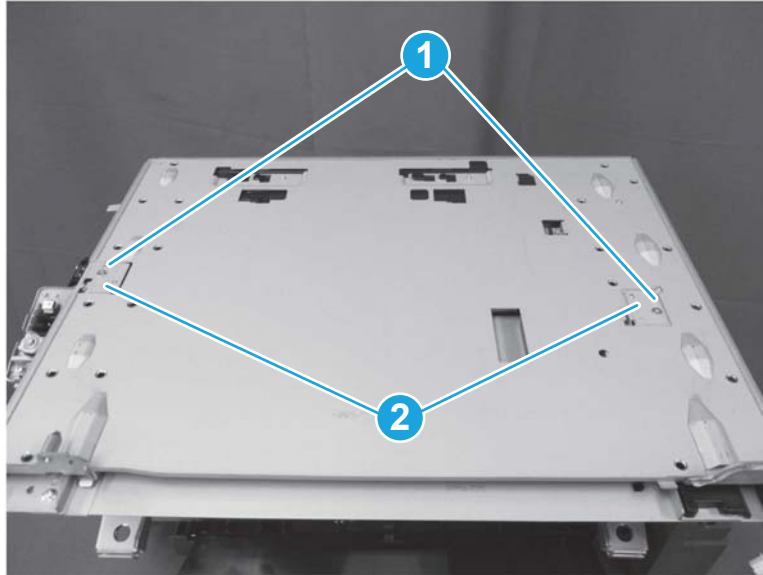
Figure 1-3181 Release the cables





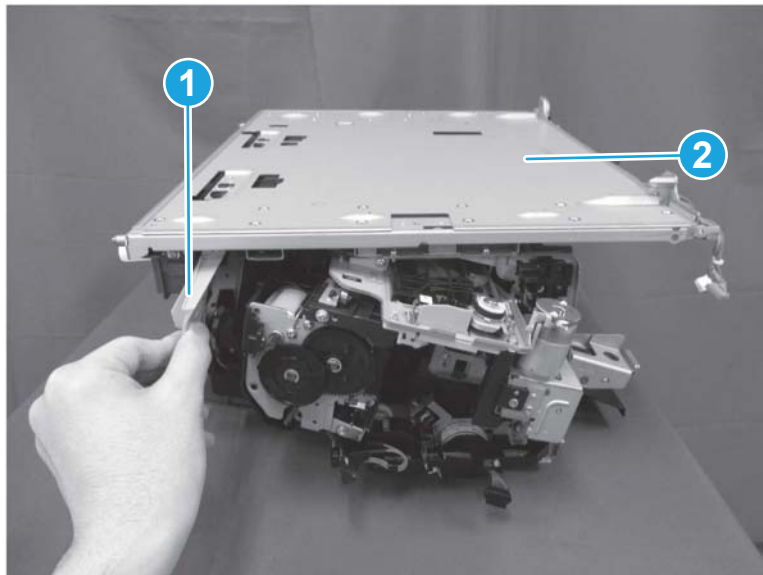
- c. Place the finisher face-down. Remove two screws (callout 1), and then remove two stoppers (callout 2).

Figure 1-3182 Remove two screws and stoppers



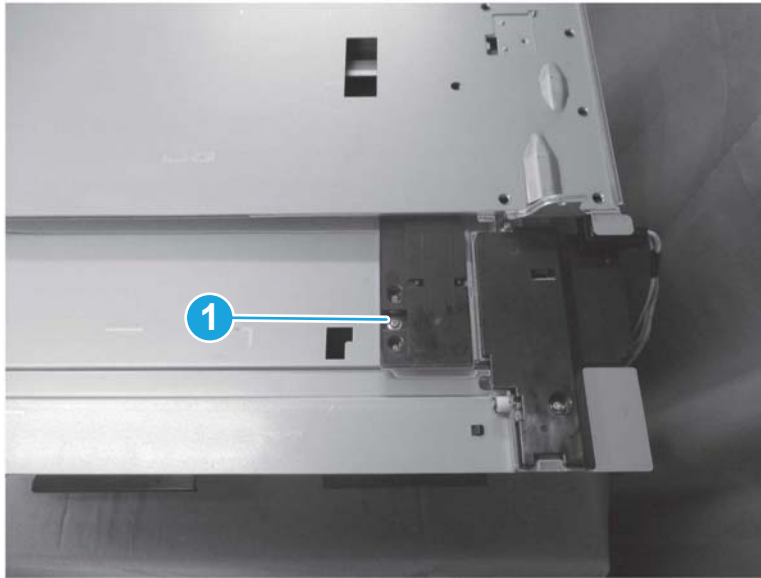
- d. Tilt the release lever (callout 1), and then slide the bottom slide assembly (callout 2) to the right.

Figure 1-3183 Release the latch and slide the assembly



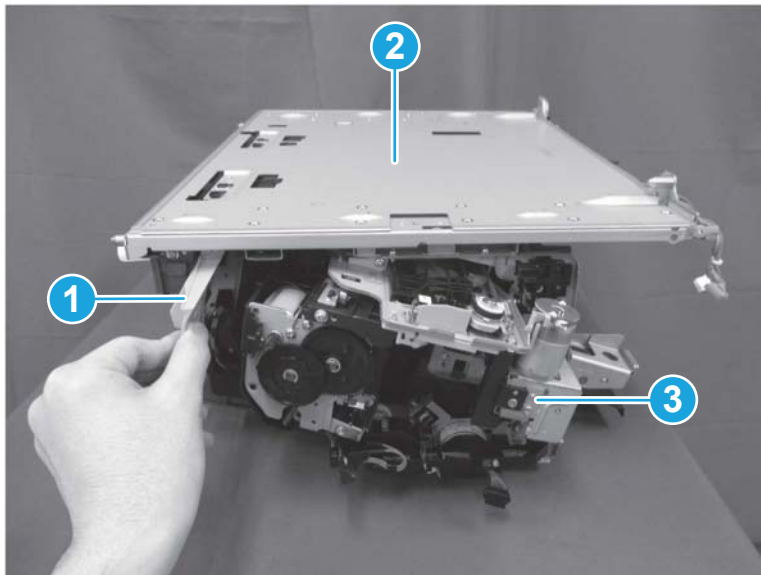
- e. Remove one screw (callout 1).

Figure 1-3184 Remove one screw



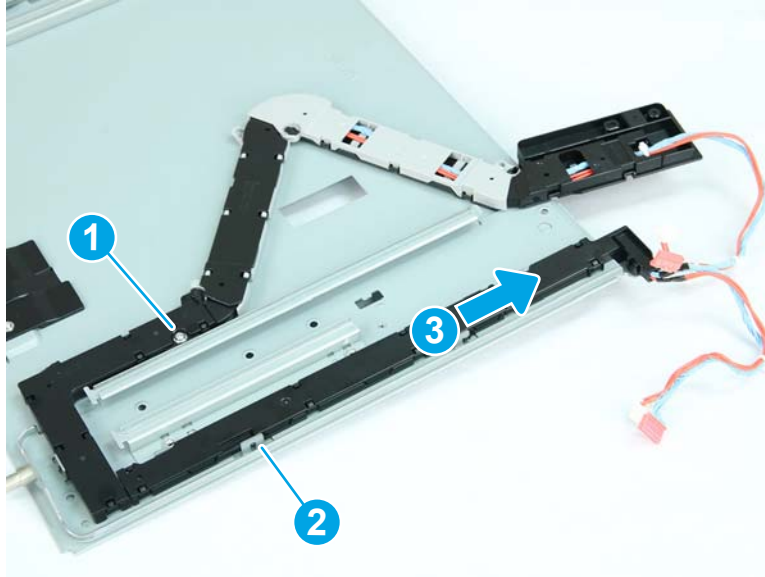
- f. Tilt the release lever (callout 1), and then slide the bottom slide assembly (callout 2) to remove it from the inner finisher (callout 3).

Figure 1-3185 Remove the bottom slide assembly



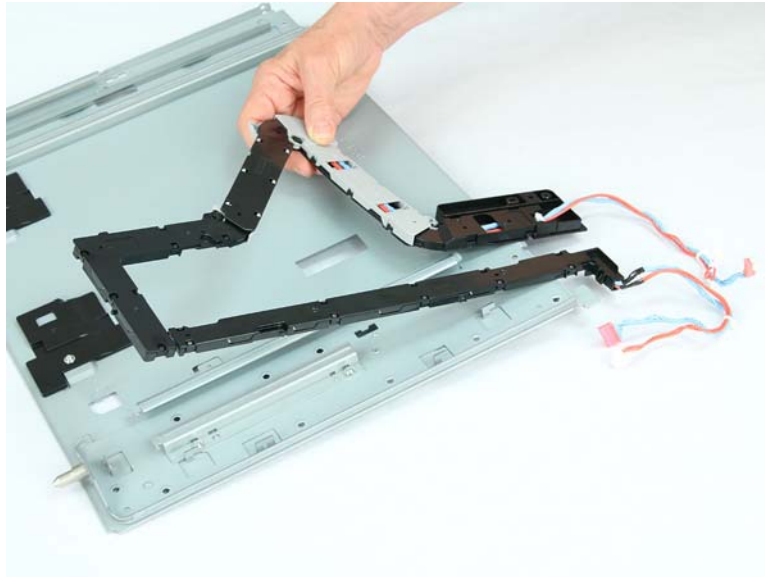
- g. Remove one screw (callout 1), release one tab (callout 2), and then slide the cable assembly to the right to release it.

**Figure 1-3186** Remove one screw and release one tab



- h. Remove the cable duct assembly.

**Figure 1-3187** Remove the cable duct assembly



### Removal and replacement: Inner finisher front push assembly (M776zs)

Learn how to remove and replace the inner finisher front push assembly.

Mean time to repair: 5 minutes

Service level: Easy

#### Before performing service

Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-155** Part information

Part number	Part description
RM2-2460-000CN	Push assembly, front

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

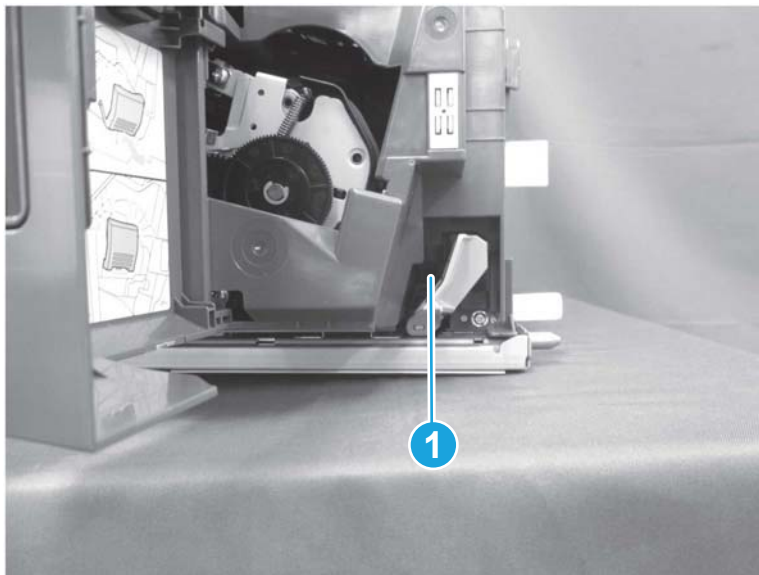
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

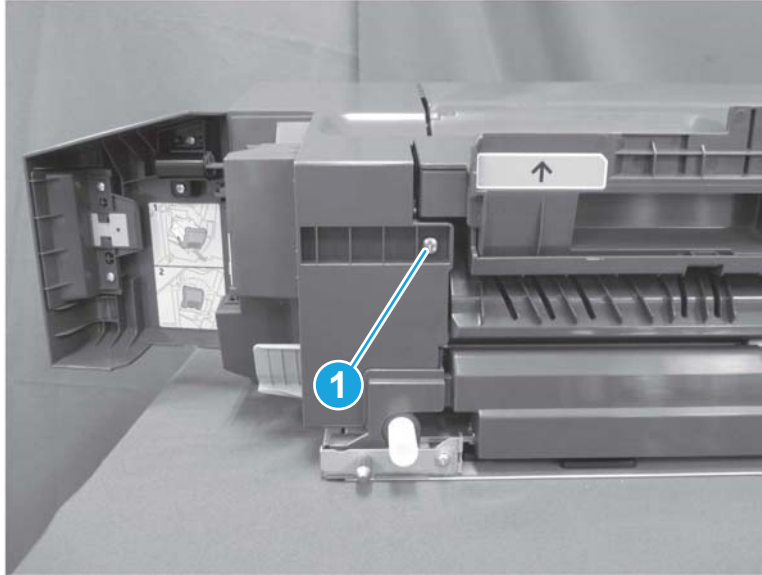
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

**Figure 1-3188** Remove one screw



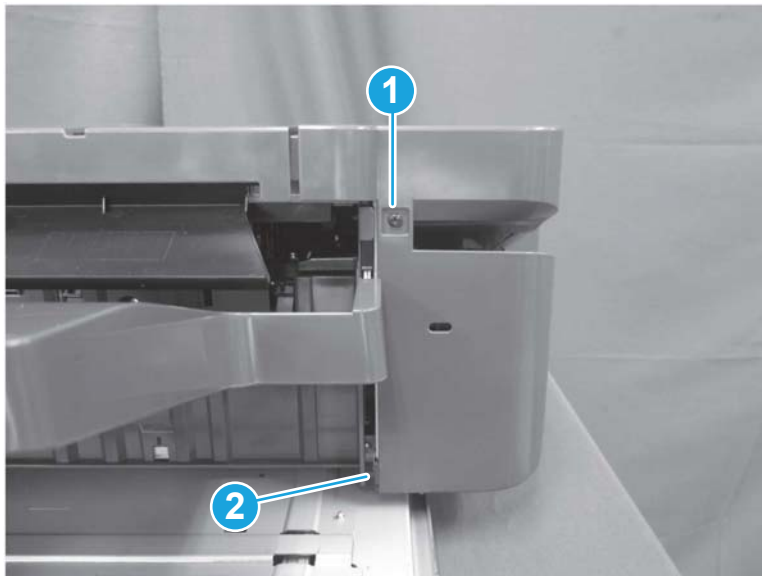
- b. Remove one screw (callout 1).

Figure 1-3189 Remove one screw



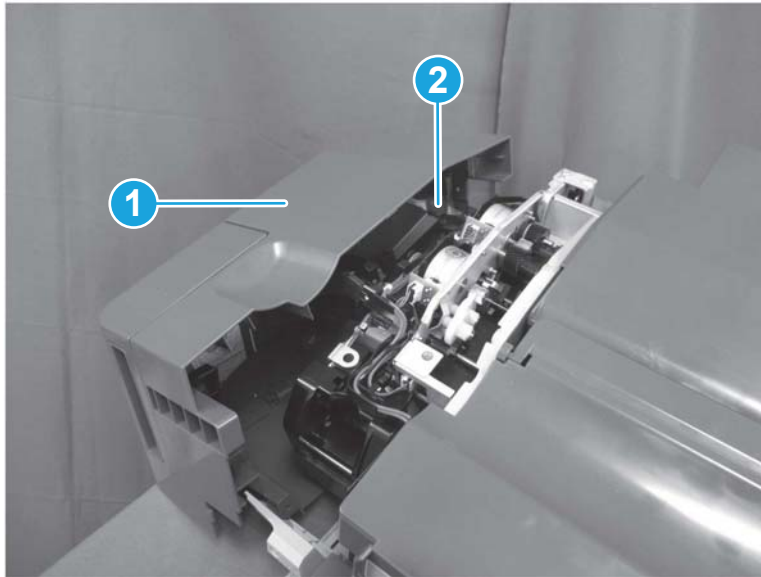
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3190 Remove one screw and release one tab



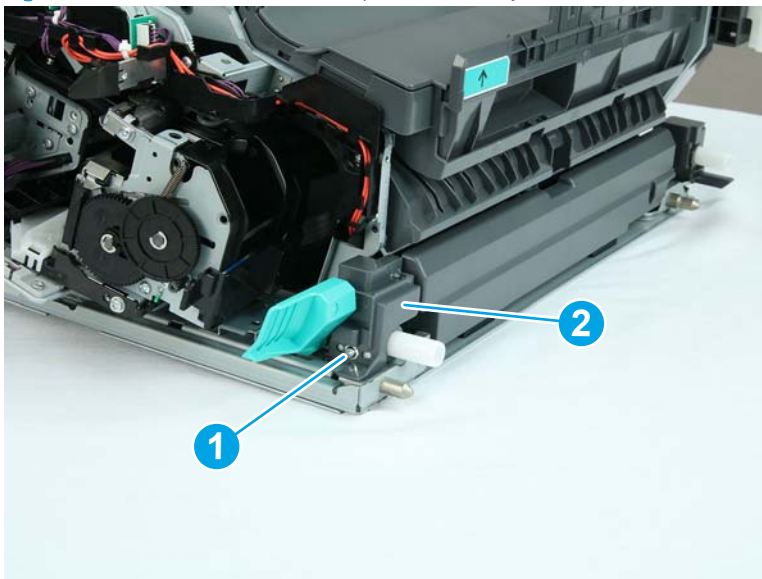
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3191 Remove the front cover




2. Remove the inner finisher front push assembly (M776zs).
  - ▲ Remove one screw (callout 1), and then remove the front push assembly (callout 2).

Figure 1-3192 Remove the front push assembly



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: Inner finisher release handle (M776zs)

Learn how to remove and replace the inner finisher release handle.


Mean time to repair: 10 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-156** Part information

Part number	Part description
RC5-4839-000CN	Handle, release

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

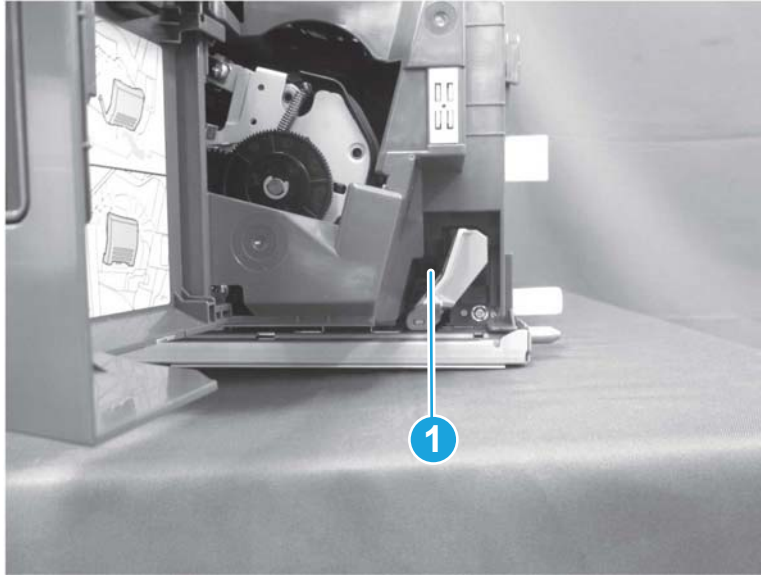
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

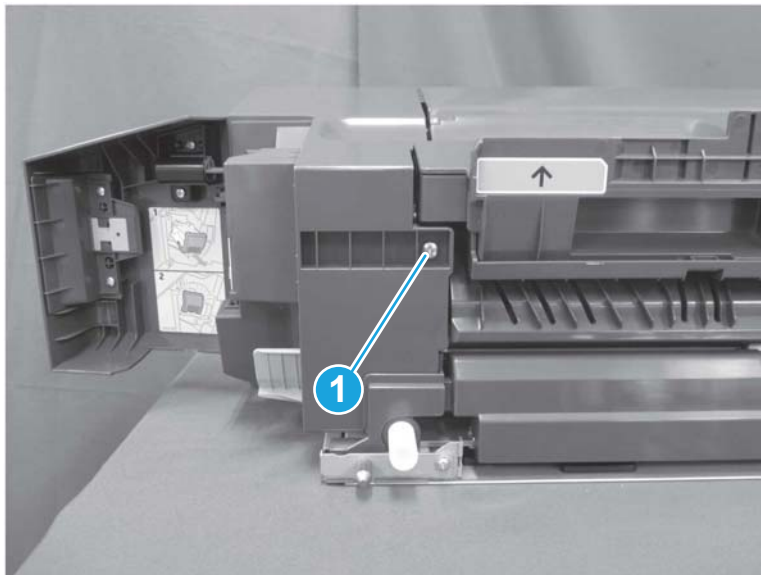
1. Remove the inner finisher front cover (M776zs).
  - a. Open the inner finisher front door, and then remove one screw (callout 1).

Figure 1-3193 Remove one screw



- b. Remove one screw (callout 1).

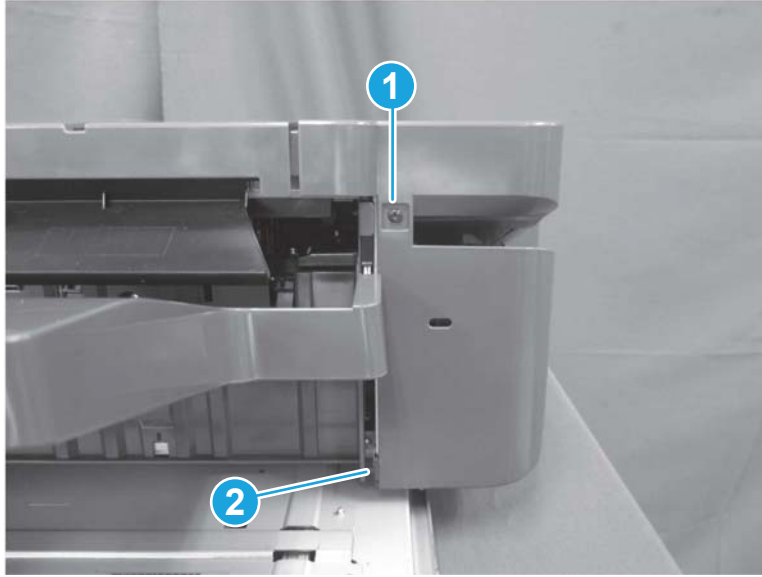
Figure 1-3194 Remove one screw





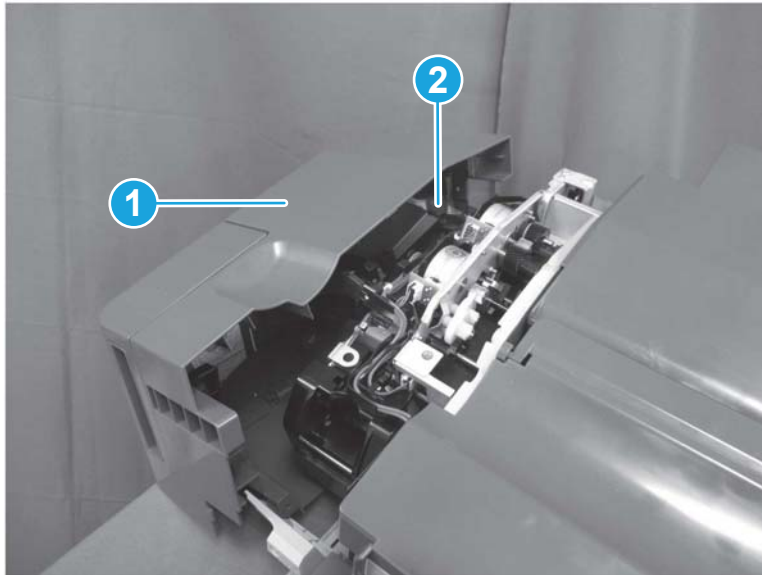
- c. Remove one screw (callout 1), and then release one tab (callout 2).

Figure 1-3195 Remove one screw and release one tab



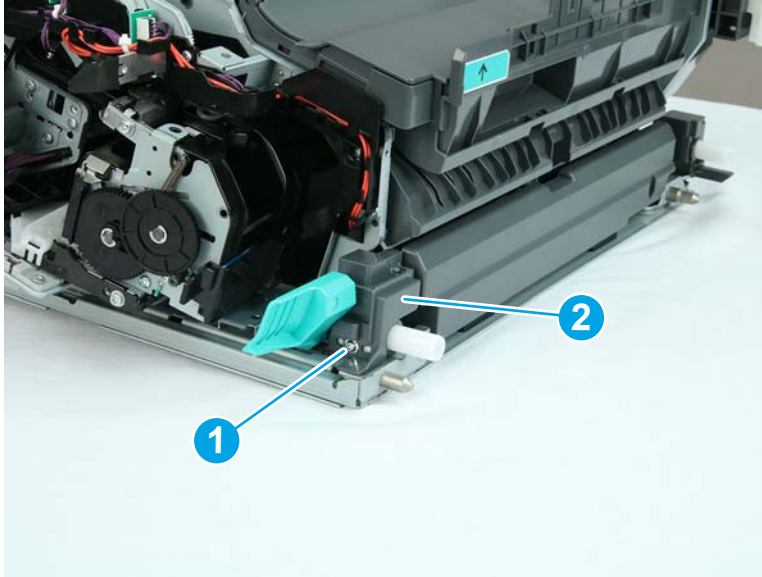
- d. Pull the front cover (callout 1) slightly away from the finisher, disconnect one connector (callout 2), and then remove the front cover.

Figure 1-3196 Remove the front cover



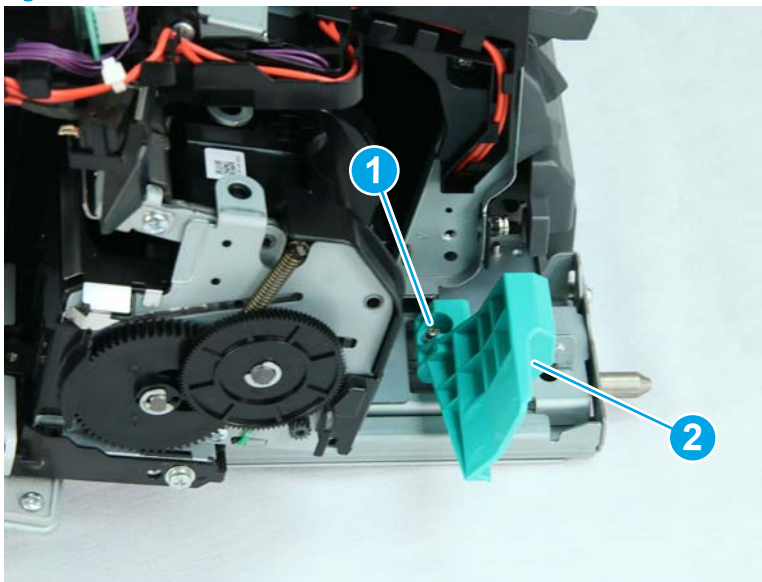
2. Remove the inner finisher front push assembly (M776zs).
  - ▲ Remove one screw (callout 1), and then remove the front push assembly (callout 2).

Figure 1-3197 Remove the front push assembly



3. Remove the inner finisher release handle (M776zs).
  - ▲ Remove one screw (callout 1), and then remove the release handle (callout 2).

Figure 1-3198 Remove the release handle



4. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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### Removal and replacement: Inner finisher rear push assembly (M776zs)

Learn how to remove and replace the inner finisher rear push assembly.


Mean time to repair: 2 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-157** Part information

Part number	Part description
RM2-2526-000CN	Push assembly, rear

#### Required tools

- #2 Phillips screwdriver with a magnetic tip

#### After performing service

##### Turn the printer power on

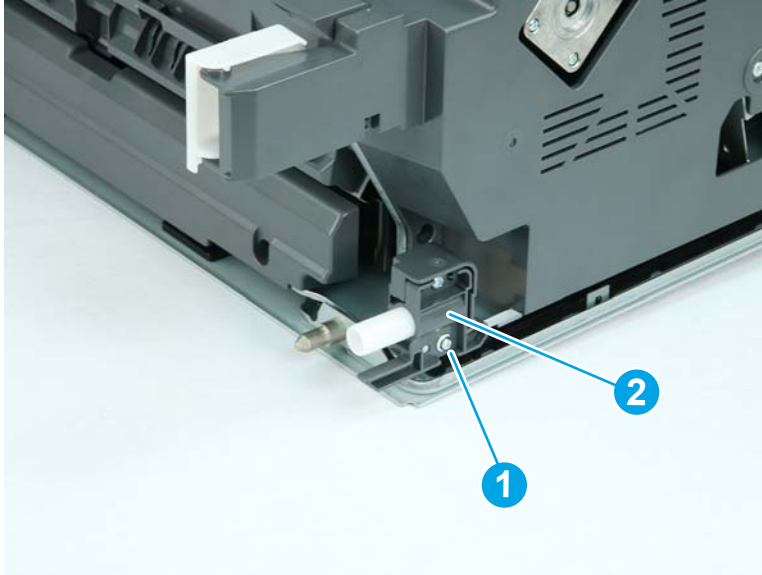
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Send a print job to the inner finisher and verify it is functioning correctly.

1. Remove the inner finisher rear push assembly (M776zs).
  - ▲ Remove one screw (callout 1), and then remove the rear push assembly (callout 2).

**Figure 1-3199** Remove the rear push assembly



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.
  - b. Unpack the replacement part from the packaging.
  - c. To install an assembly, reverse the removal steps.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: Inner finisher wire sub-tray (M776zs)

Learn how to remove and replace the inner finisher wire sub-tray.

Mean time to repair: 2 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

- Remove the inner finisher from the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-158** Part information

Part number	Part description
RC5-4905-000CN	Tray, wire sub

## Required tools

- No special tools are required to remove or install this assembly.

## After performing service

### Turn the printer power on

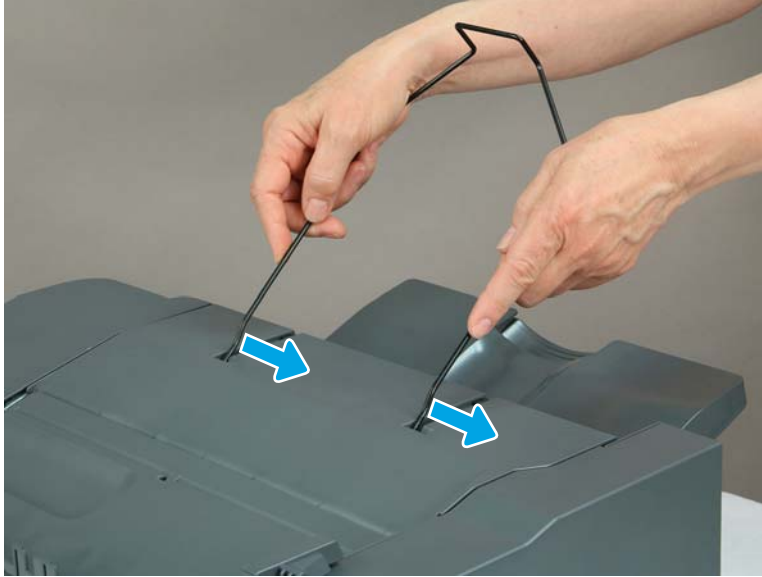
- Reinstall the inner finisher
- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

No post service test is available for this assembly.

1. Remove the inner finisher wire sub-tray (M776zs).
  - ▲ Slide the wire sub-tray to the left to release it, and then remove it from the inner finisher.

Figure 1-3200 Remove the wire sub-tray



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 550-sheet paper tray components

Learn how to remove and replace the component parts in the 550-sheet paper tray.

- [Removal and replacement: 550-sheet paper tray](#)
- [Removal and replacement: 550-sheet paper tray pickup and separation rollers](#)
- [Removal and replacement: 550-sheet paper tray right door](#)
- [Removal and replacement: 550-sheet paper tray pickup motor](#)
- [Removal and replacement: 550-sheet paper tray pickup assembly](#)
- [Removal and replacement: 550-sheet paper tray lifter drive](#)
- [Removal and replacement: 550-sheet paper tray auto close assembly](#)
- [Removal and replacement: 550-sheet paper tray size detect switch](#)

## Removal and replacement: 550-sheet paper tray

Learn how to remove and replace the paper tray for the 550-sheet paper tray.



[View a video of how to remove and replace the 550-sheet paper tray.](#)

Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-159** Part information

Part number	Part description
RM2-1706-000CN	Cassette assembly

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

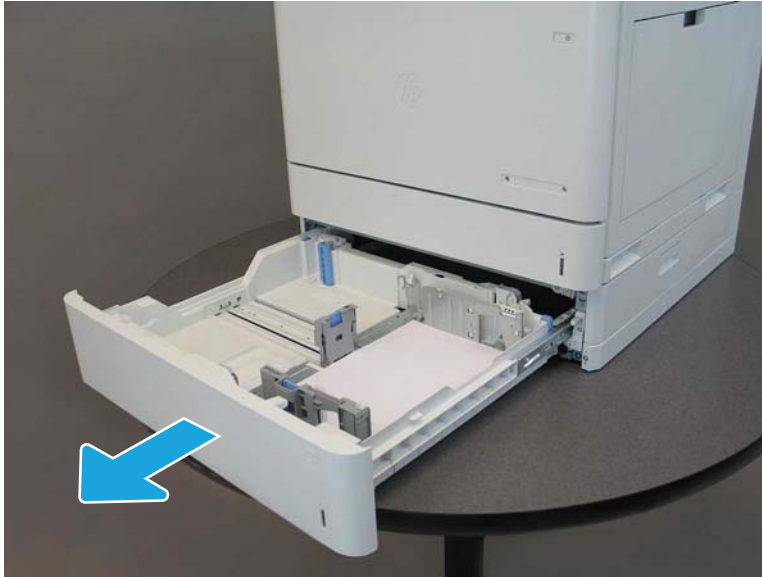
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

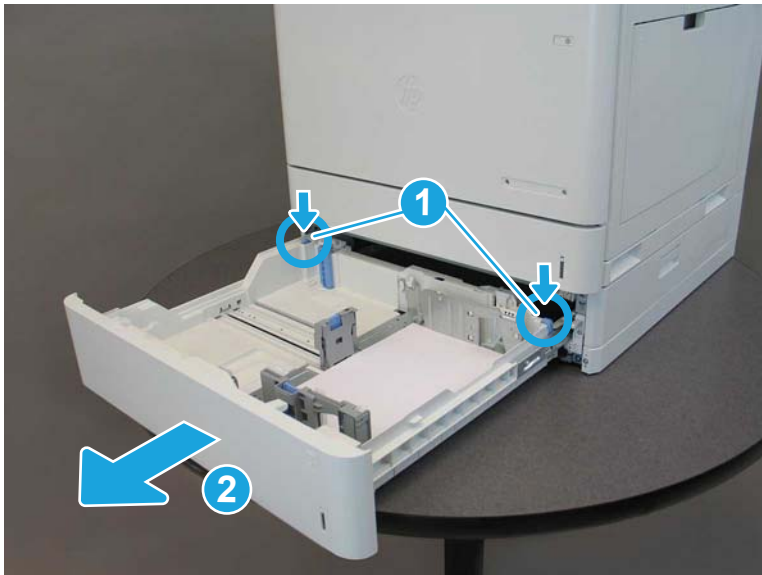
1. Remove the 550-sheet paper tray.
  - a. Pull the tray away from the printer until it stops.

**Figure 1-3201** Pull the tray out




- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

**Figure 1-3202** Remove the tray




2. Unpack the replacement assembly.
  - a. Dispose of the defective part.




 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: 550-sheet paper tray pickup and separation rollers

Learn how to remove and replace the 550-sheet paper tray pickup and separation rollers.

 [View a video of how to remove and replace the 550-sheet paper tray pickup and separation rollers.](#)


Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-160** Part information

Part number	Part description
RM2-1526-000CN	Tray 2-x pickup and separation rollers

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

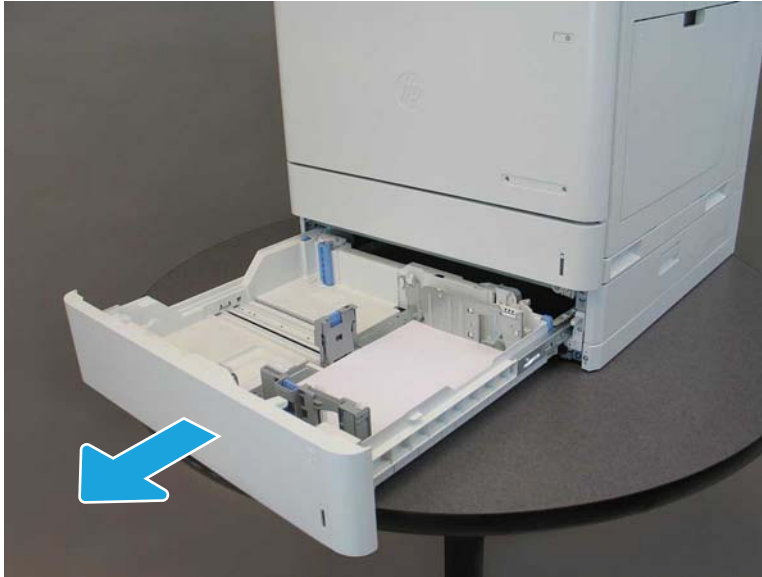
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

1. Remove the 550-sheet paper tray separation roller.
  - a. Open the tray.

**Figure 1-3203** Open the tray



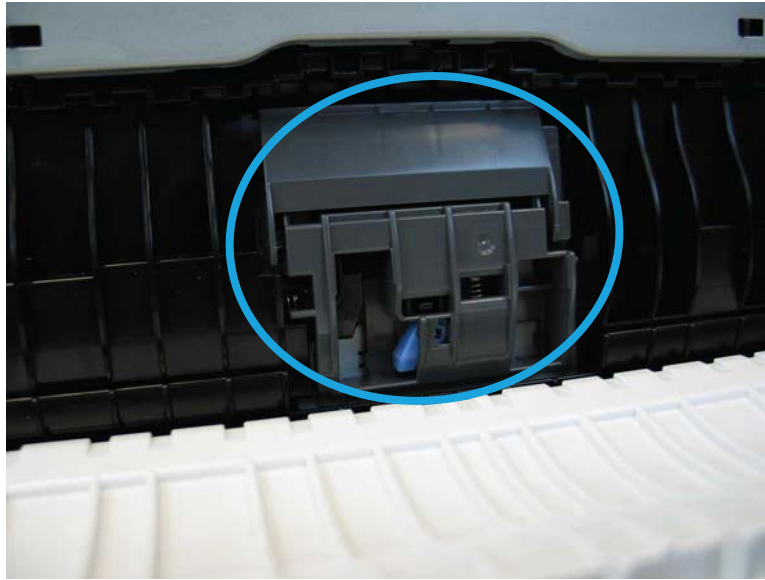
- b. Open the right door.

**Figure 1-3204** Open the right door



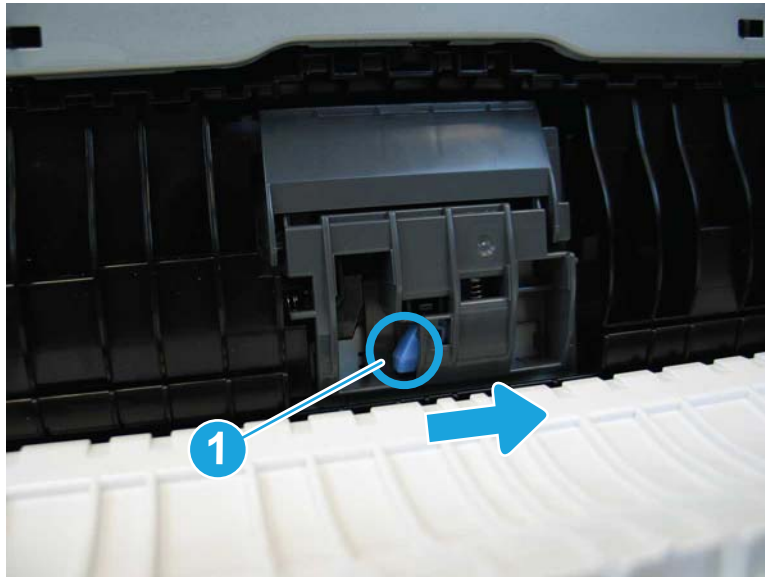
- c. Locate the separation roller

**Figure 1-3205** Locate the separation roller



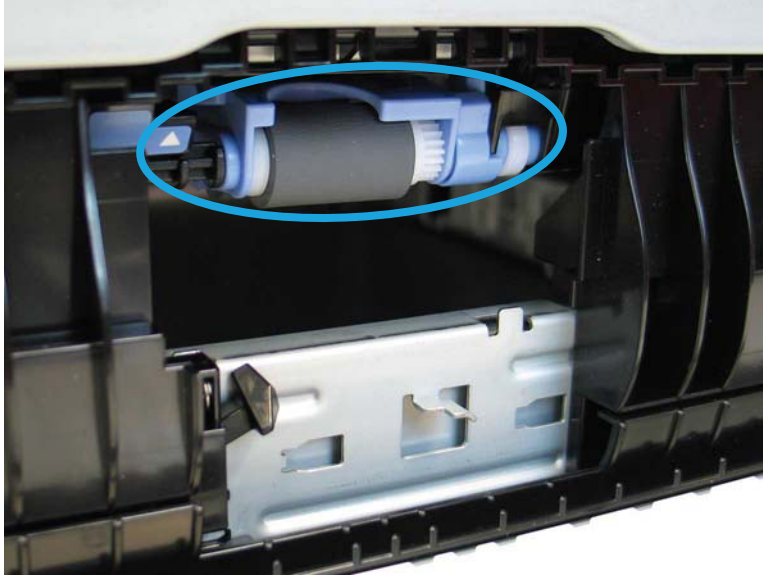
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it.

**Figure 1-3206** Remove the separation roller



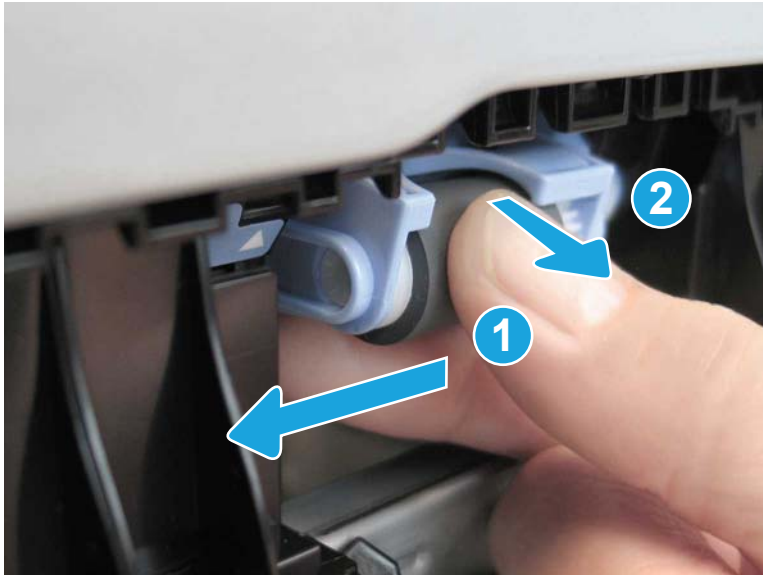
- 2. Remove the 550-sheet paper tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3207 Locate the pickup roller



- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3208 Release the pickup roller



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

4. Install the 550-sheet paper tray pickup roller.

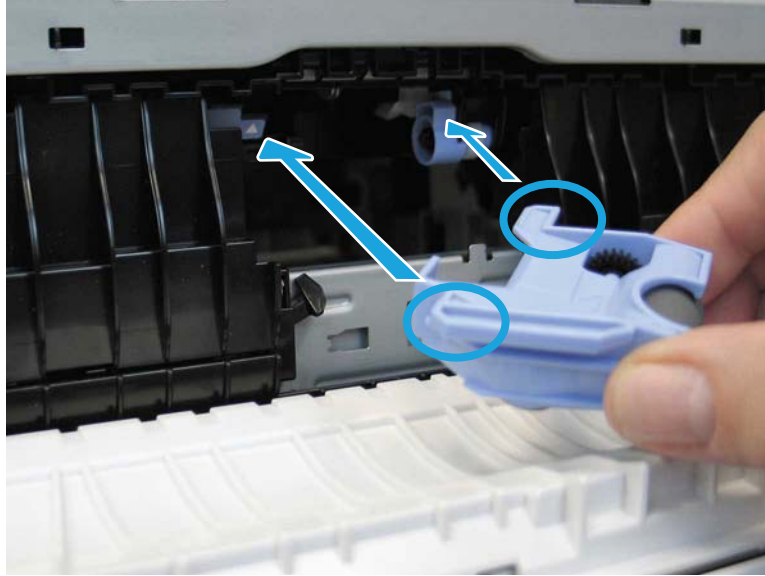
---

 **NOTE:** Make sure that the tray is open before installing the roller.

---

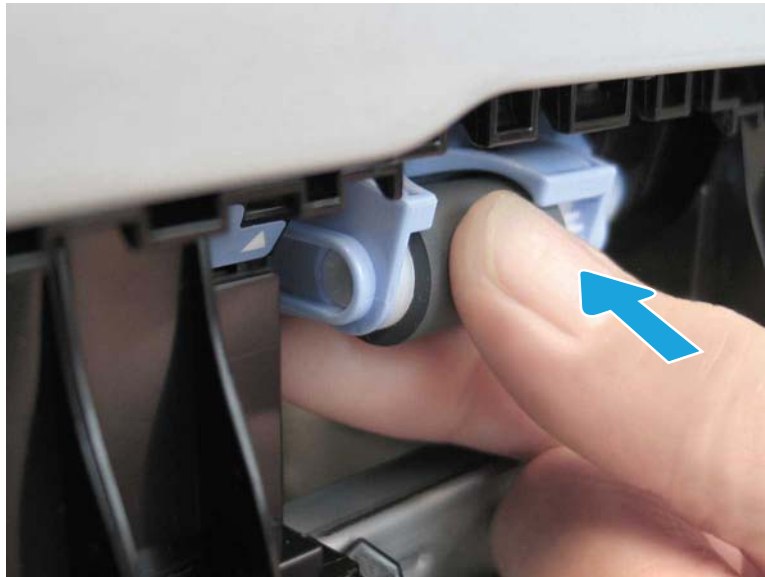
- a. Align the edges of the pickup roller assembly with the slots in the printer.

**Figure 1-3209** Position the pickup roller




- b. Slide the roller assembly into the printer until it stops.

**Figure 1-3210** Install the pickup roller



5. Install the 550-sheet paper tray separation roller.

---

 **NOTE:** Make sure that the tray is open before installing the roller.

---

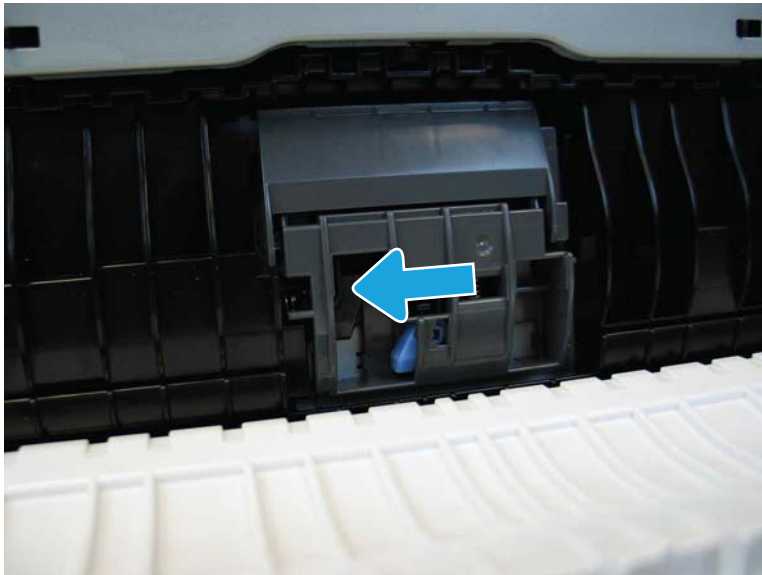
- a. Position the tabs on the roller assembly into the slots on the printer.

**Figure 1-3211** Position the separation roller assembly



- b. Slide the roller assembly to the left until it snaps into place.

**Figure 1-3212** Install the separation roller assembly



### Removal and replacement: 550-sheet paper tray right door

Learn how to remove and replace the right door for the 550-sheet paper tray.

 [View a video of how to remove and replace the 550-sheet paper tray right door.](#)

Mean time to repair: 8 minutes

Service level: Easy

#### Before performing service

**Turn the printer power off**

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-161** Part information

Part number	Part description
RM2-1716-000CN	Right door assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

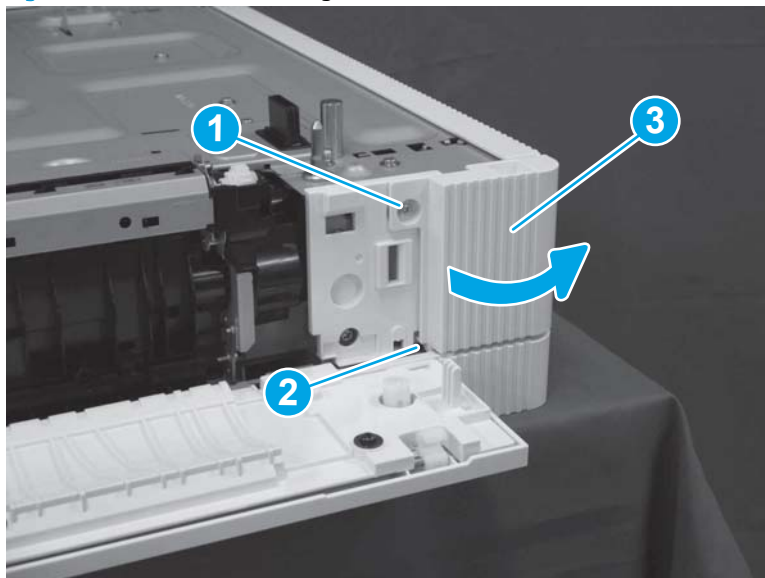
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

1. Remove the 550-sheet paper tray right rear cover.
  - ▲ Open the right door. Remove one screw (callout 1), release one tab (callout 2), and then remove the right rear cover (callout 3).

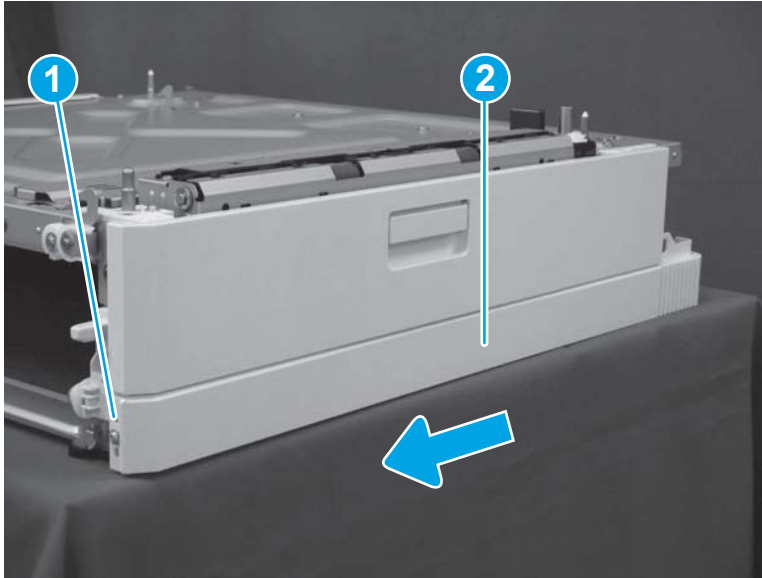
**Figure 1-3213** Remove the right rear cover



2. Remove the 550-sheet paper tray right lower cover.

- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

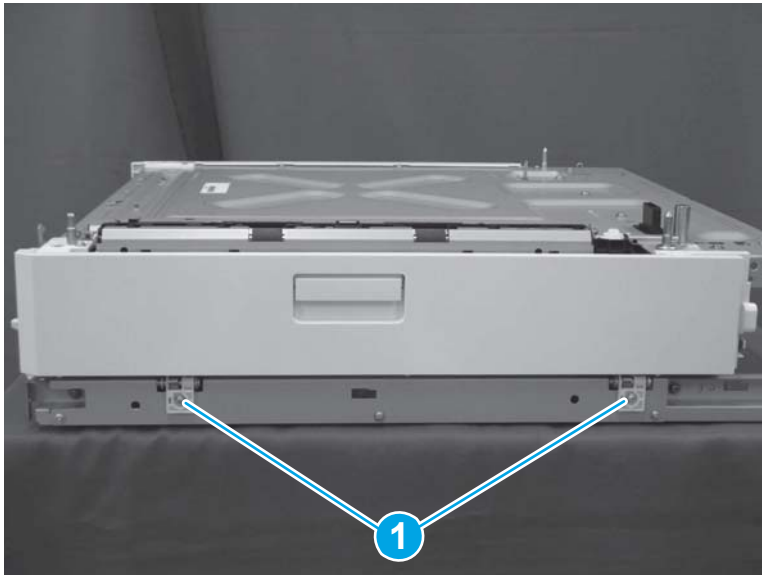
Figure 1-3214 Remove the right lower cover



3. Remove the 550-sheet paper tray right door.

- a. Close the right door, and then remove two screws (callout 1).

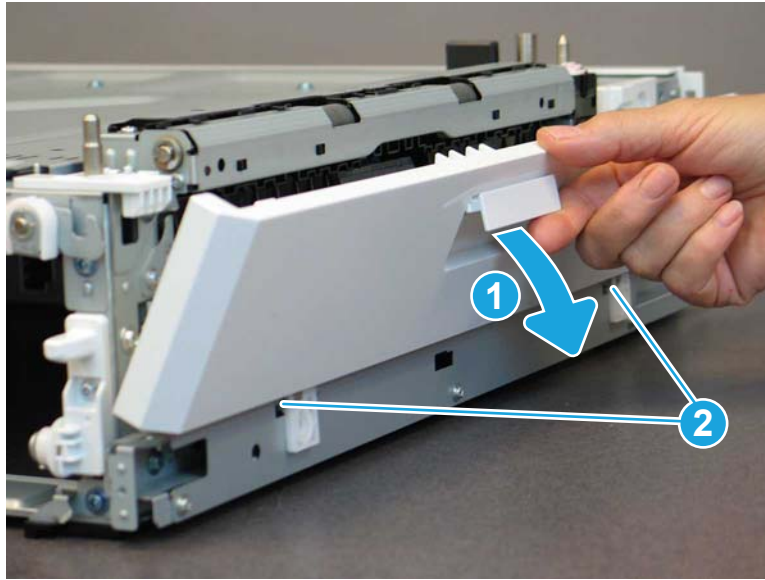
Figure 1-3215 Remove two screws





- b. Open the right door (callout 1), and then release two bosses (callout 2) to remove the door.

**Figure 1-3216** Remove the right door



4. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 550-sheet paper tray pickup motor

Learn how to remove and replace the pickup motor for the 550-sheet paper tray.



[View a video of how to remove and replace the 550-sheet paper tray pickup motor.](#)

Mean time to repair: 4 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-162** Part information

Part number	Part description
RK2-9410-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

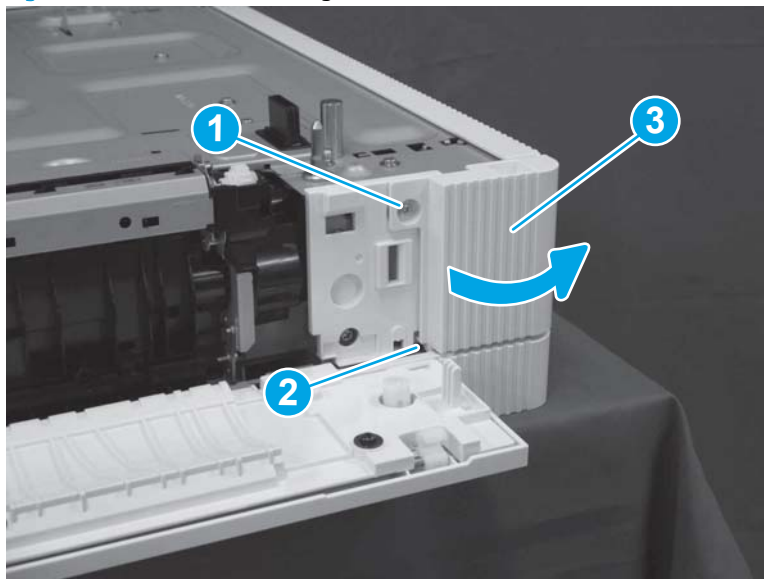
Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

1. Remove the 550-sheet paper tray right rear cover.

- ▲ Open the right door. Remove one screw (callout 1), release one tab (callout 2), and then remove the right rear cover (callout 3).

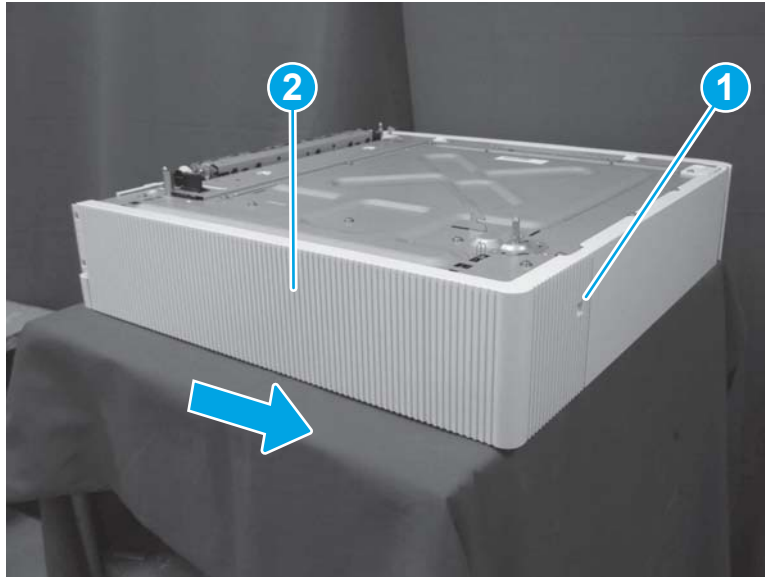
**Figure 1-3217** Remove the right rear cover



2. Remove the 550-sheet paper tray rear cover.

- ▲ Remove one screw (callout 1), and then slide the rear cover (callout 2) toward the left side of the feeder to remove it.

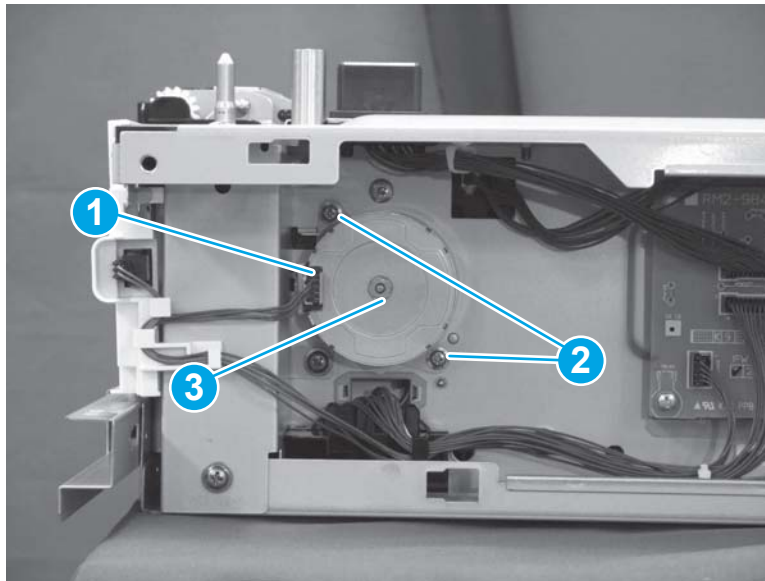
Figure 1-3218 Remove the rear cover



3. Remove the 550-sheet paper tray pickup motor.


- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3219 Remove the pickup motor



4. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 550-sheet paper tray pickup assembly

Learn how to remove and replace the 550-sheet paper tray pickup assembly.

 [View a video of how to remove and replace the 550-sheet paper tray pickup assembly.](#)


Mean time to repair: 15 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-163 Part information

Part number	Part description
RM2-1717-000CN	Paper pickup assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

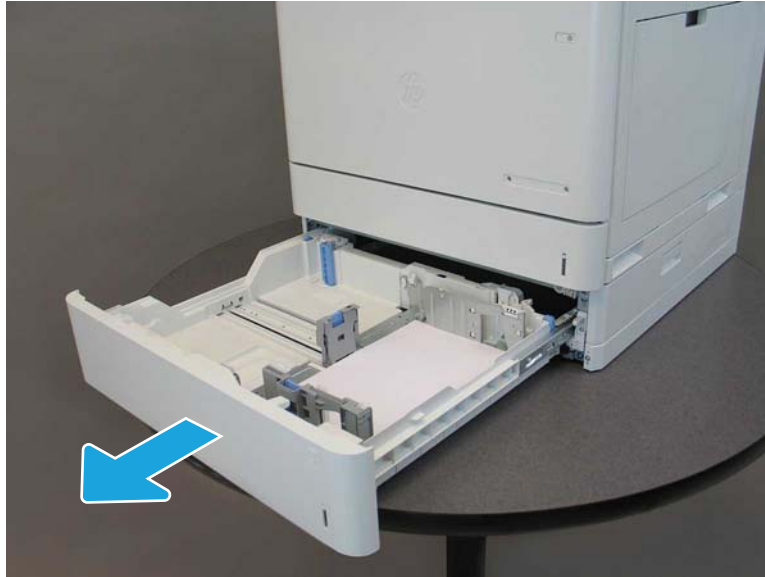
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

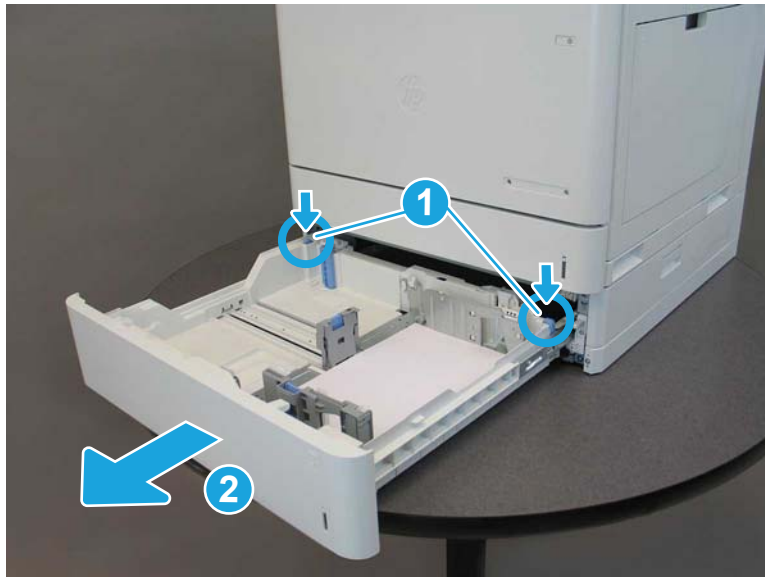
1. Remove the 550-sheet paper tray.
  - a. Pull the tray away from the printer until it stops.

**Figure 1-3220** Pull the tray out



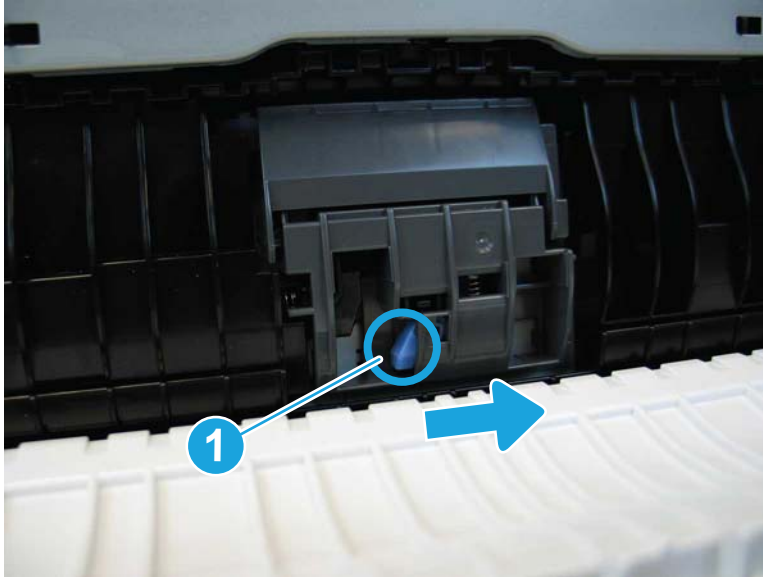
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

**Figure 1-3221** Remove the tray



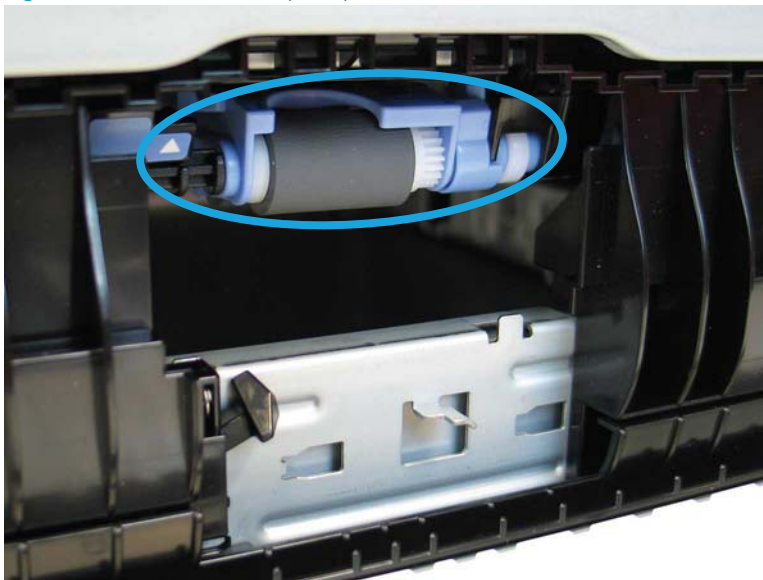
2. Remove the 550-sheet paper tray separation roller.
  - ▲ Open the right door. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it.

Figure 1-3222 Remove the separation roller



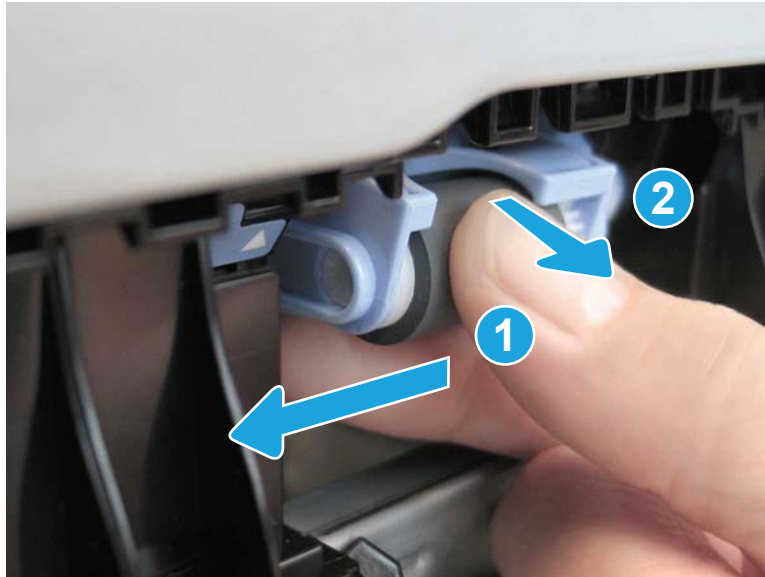
3. Remove the 550-sheet paper tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3223 Locate the pickup roller



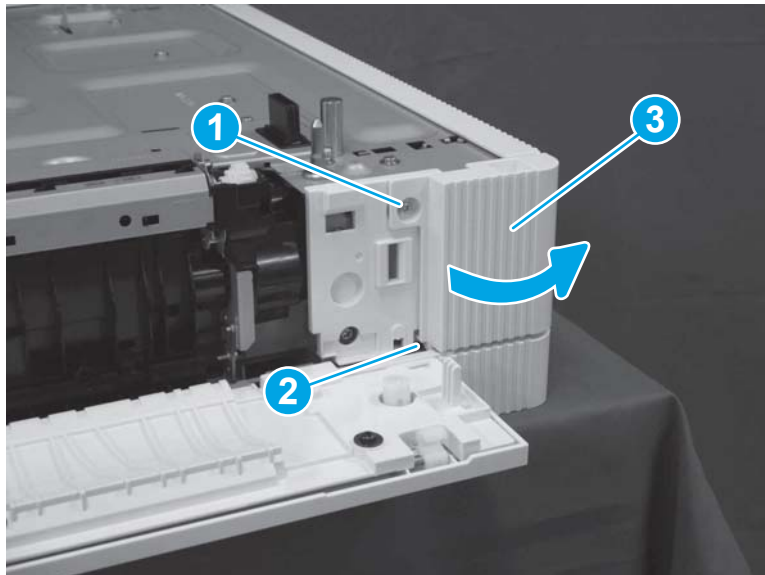
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3224 Release the pickup roller



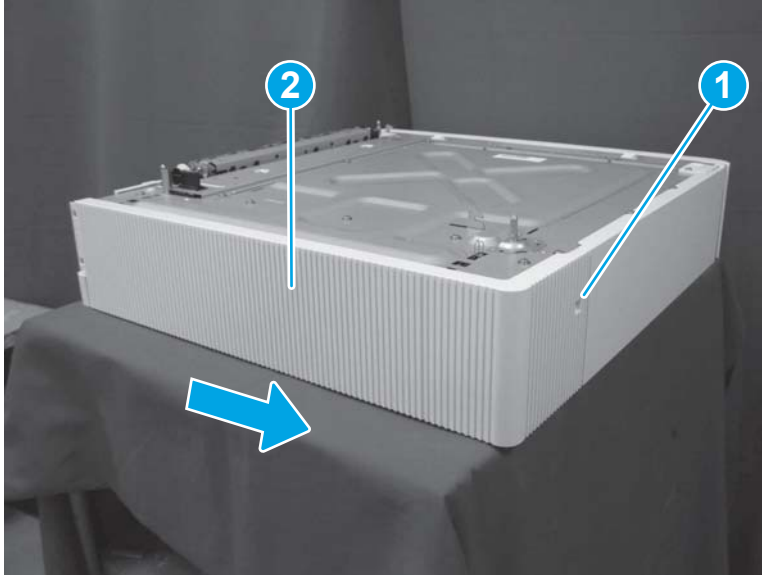
4. Remove the 550-sheet paper tray right rear cover.
  - ▲ Open the right door. Remove one screw (callout 1), release one tab (callout 2), and then remove the right rear cover (callout 3).

Figure 1-3225 Remove the right rear cover



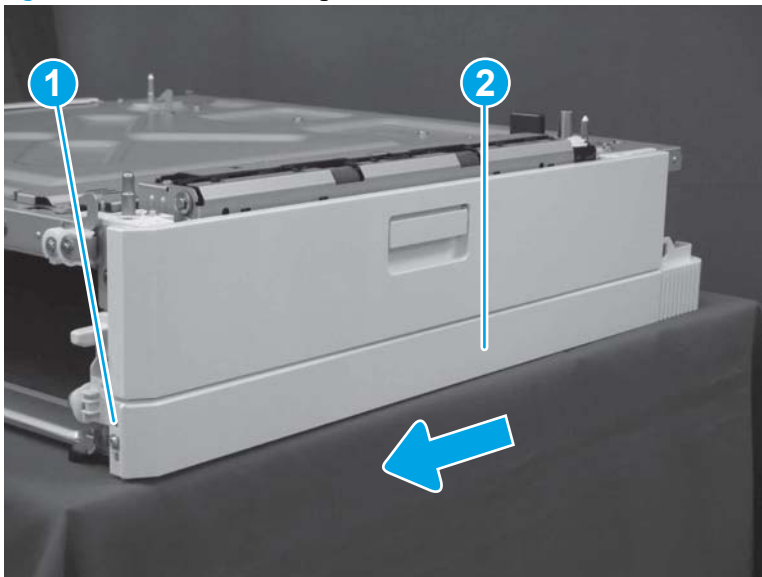
5. Remove the 550-sheet paper tray rear cover.
  - ▲ Remove one screw (callout 1), and then slide the rear cover (callout 2) toward the left side of the feeder to remove it.

Figure 1-3226 Remove the rear cover



6. Remove the 550-sheet paper tray right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

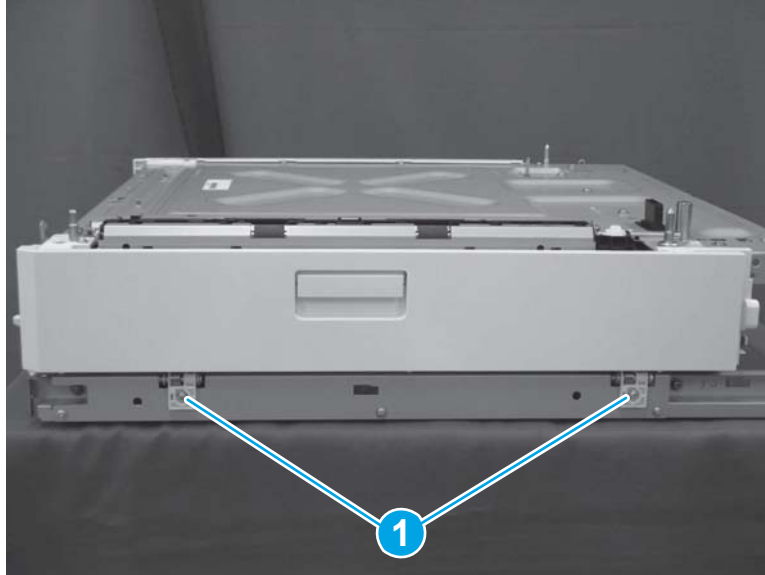
Figure 1-3227 Remove the right lower cover



7. Remove the 550-sheet paper tray right door.
  - a. Close the right door, and then remove two screws (callout 1).

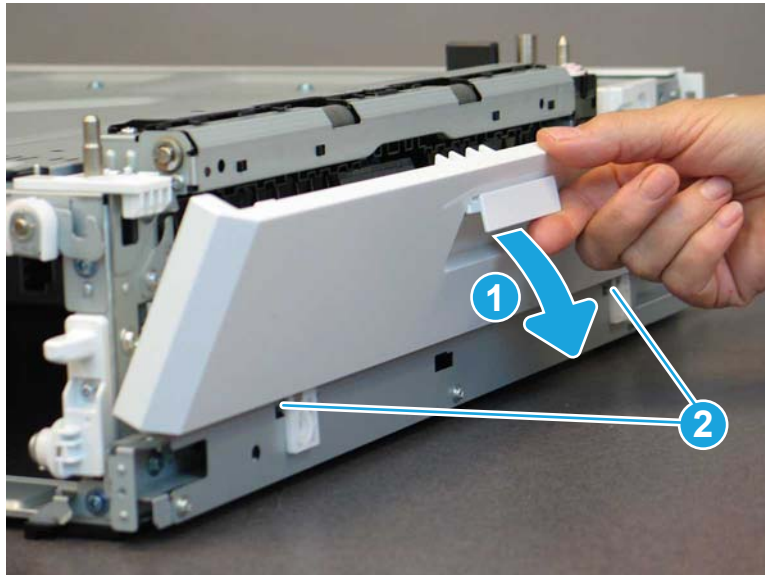


Figure 1-3228 Remove two screws



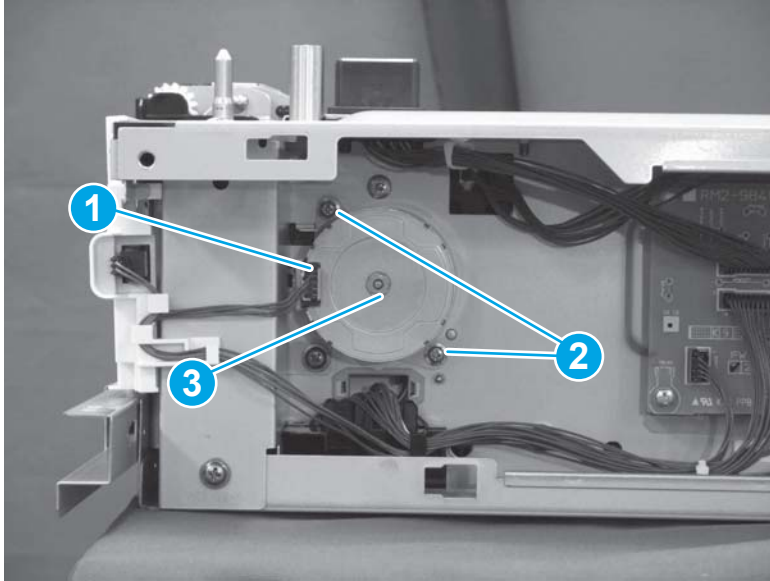
- b. Open the right door (callout 1), and then release two bosses (callout 2) to remove the door.

Figure 1-3229 Remove the right door



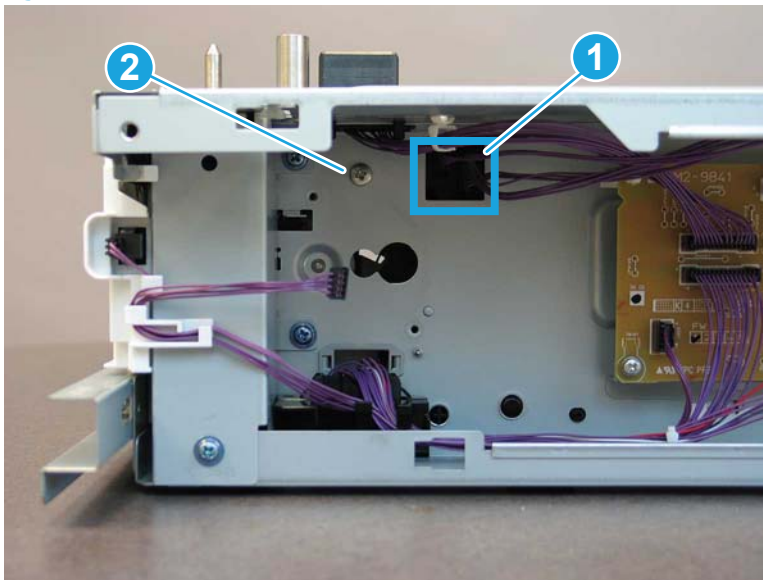
- 8. Remove the 550-sheet paper tray pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3230 Remove the pickup motor



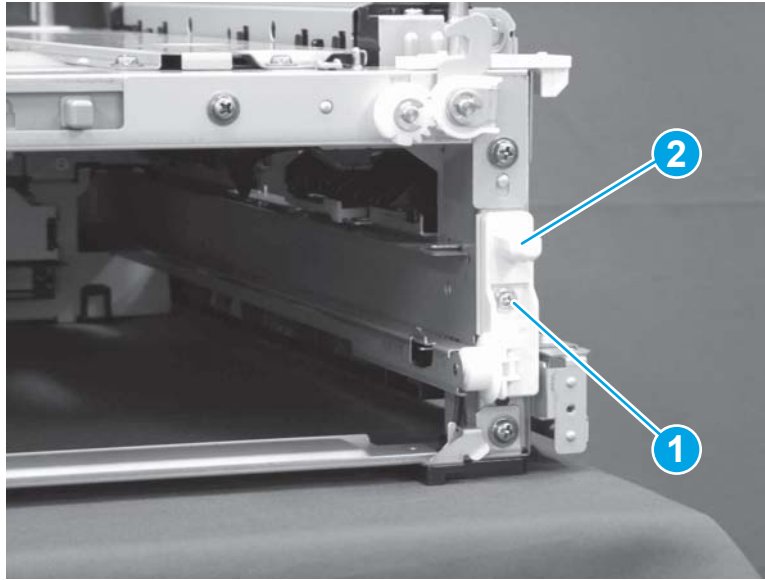
9. Remove the 550-sheet paper tray pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3231 Disconnect two connectors and remove one screw



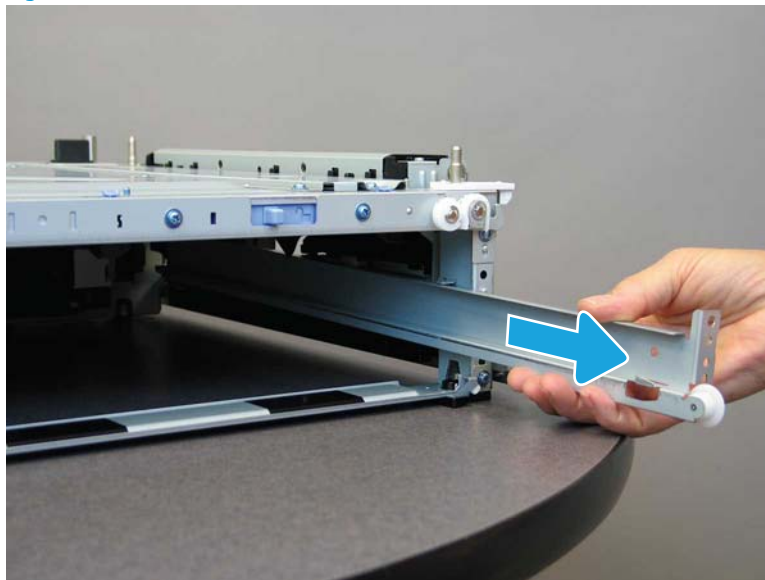
- b. At the front of the feeder, remove one screw (callout 1), and then remove the cover (callout 2).

**Figure 1-3232** Remove one screw and the cover



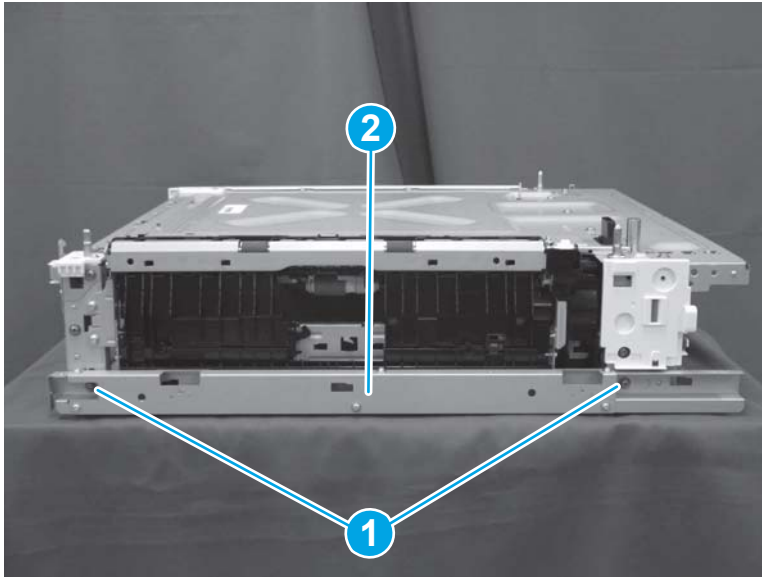
- c. Slide the cassette rail away from the printer to remove it.

**Figure 1-3233** Remove the cassette rail




- d. On the right side of the feeder, remove two screws (callout 1), and then pull the right lower frame (callout 2) away from the printer to remove it.

Figure 1-3234 Remove the right lower frame



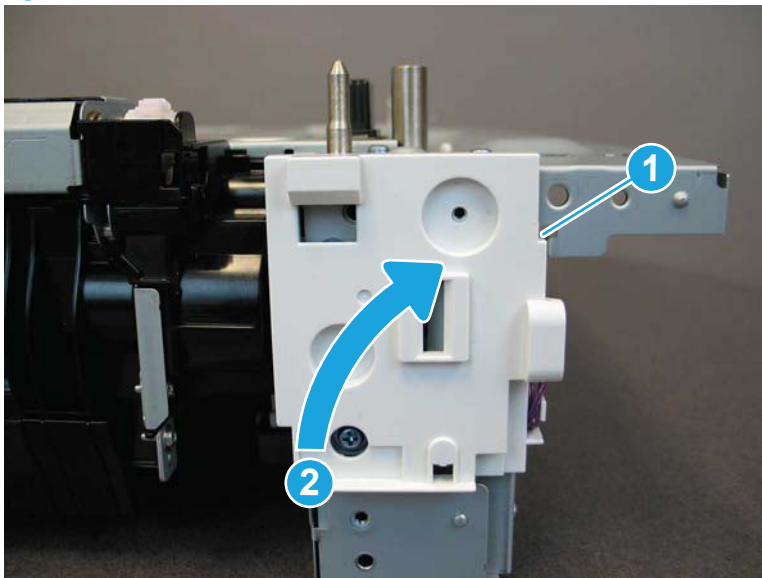
- e. Release one tab (callout 1), and then rotate the right rear inner cover away from the feeder.

---

 **NOTE:** The cover is still attached to the feeder. Do not attempt to remove it completely.

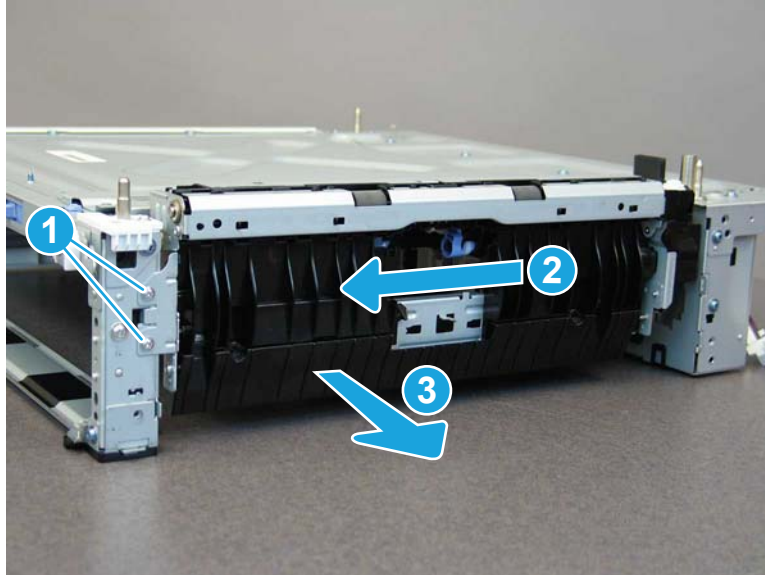
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Figure 1-3235 Release the right rear inner cover



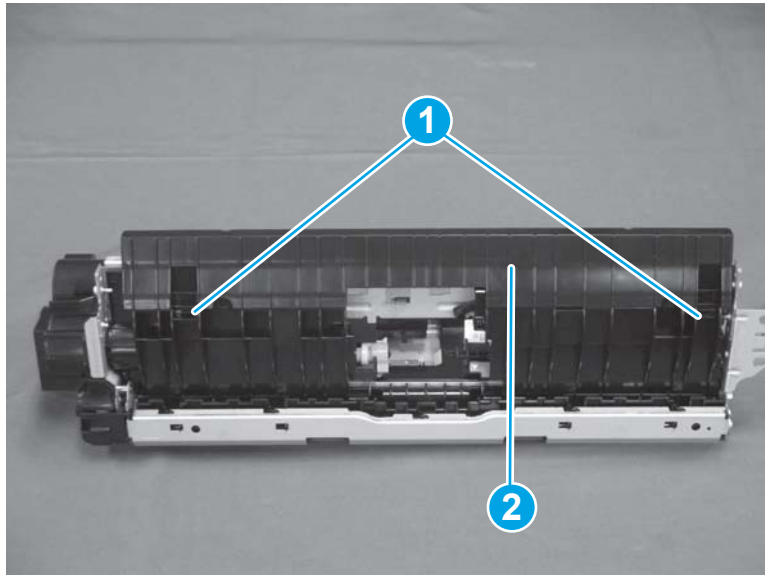
- f. Remove two screws (callout 1). Slide the pickup assembly (callout 2) toward the front of the feeder, and then pull it away from the feeder (callout 3) to remove it.

Figure 1-3236 Remove the pickup assembly




- g. Release two tabs (callout 1), and then remove the guide (callout 2).

Figure 1-3237 Remove the guide



- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

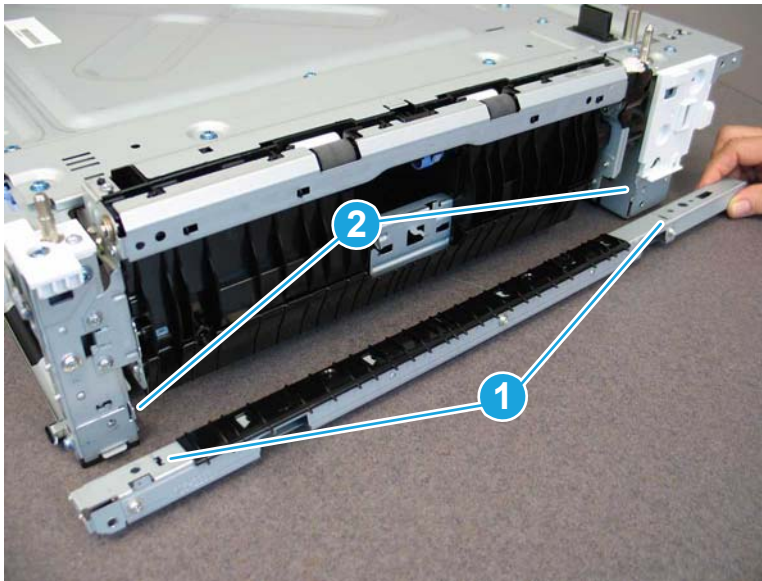
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11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

**Install the 550-sheet paper tray pickup assembly.**

1. When reinstalling the right lower frame, position the slots (callout 1) on the frame over the tabs (callout 2) on the feeder.

**Figure 1-3238** Install the right lower frame



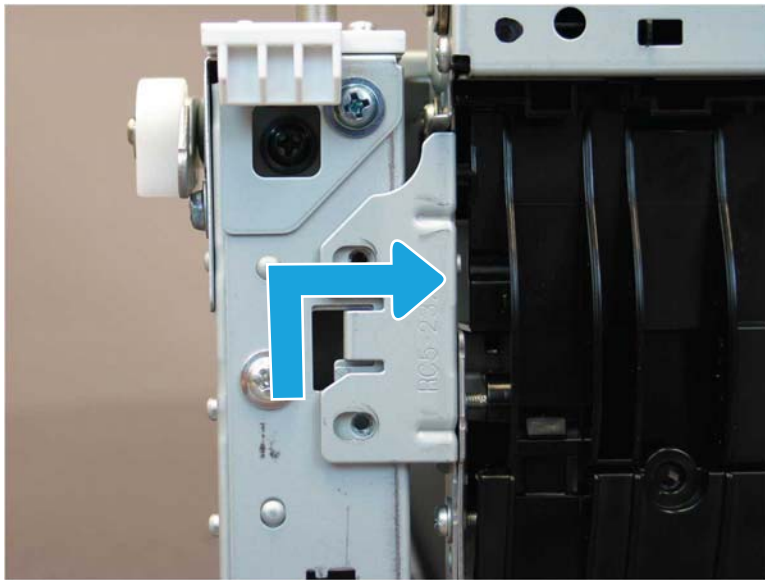
2. When reinstalling the pickup assembly, install the tab in the slot.

**Figure 1-3239** Install the tab



3. Lift the pickup assembly up, and then slide to the right.

**Figure 1-3240** Install the pickup assembly



### Removal and replacement: 550-sheet paper tray lifter drive

Learn how to remove and replace the 550-sheet paper tray lifter drive.

 [View a video of how to remove and replace the 550-sheet paper tray lifter drive.](#)


Mean time to repair: 18 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-164 Part information

Part number	Part description
RM2-1703-000CN	Lifter drive assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

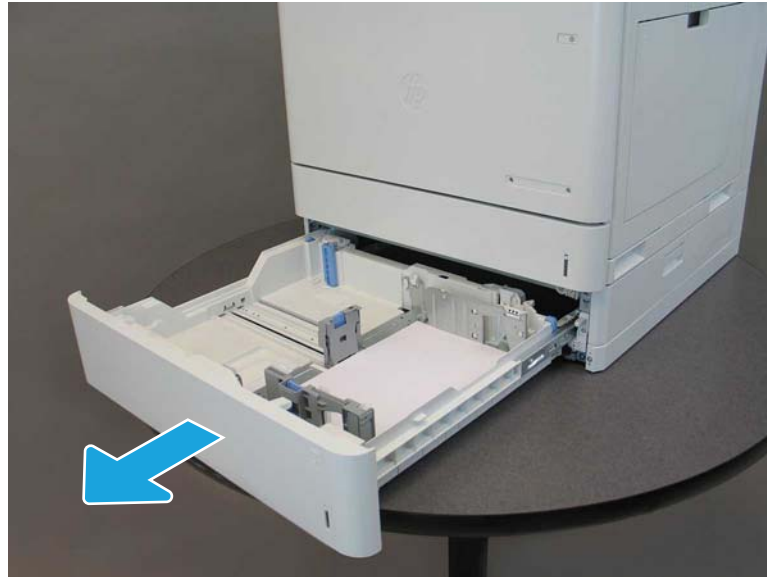
Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

1. Remove the 550-sheet paper tray.
  - a. Pull the tray away from the printer until it stops.

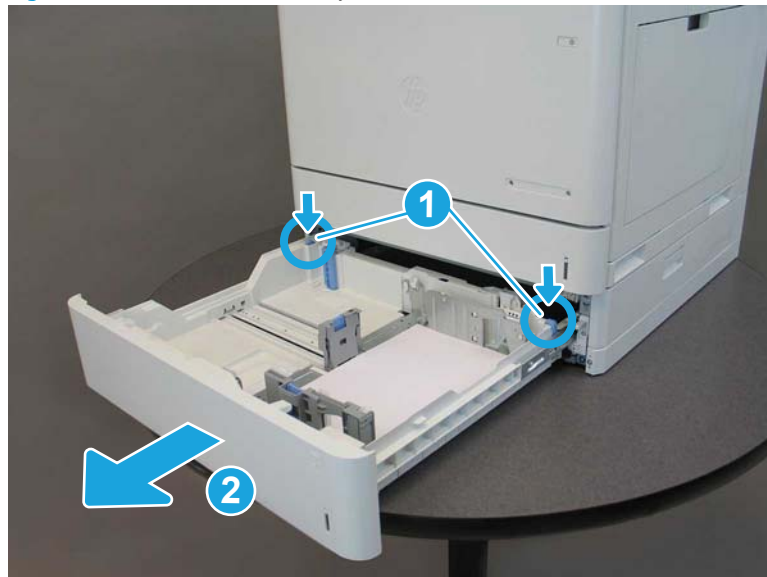


Figure 1-3241 Pull the tray out



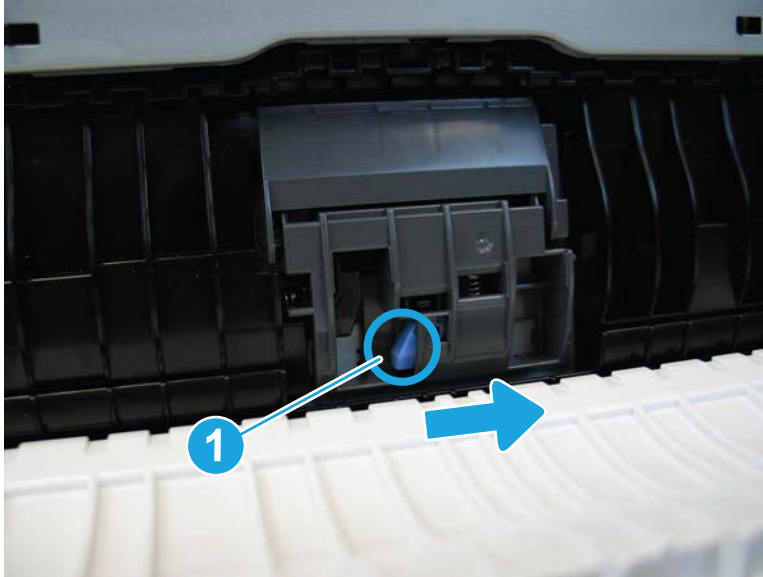
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

Figure 1-3242 Remove the tray



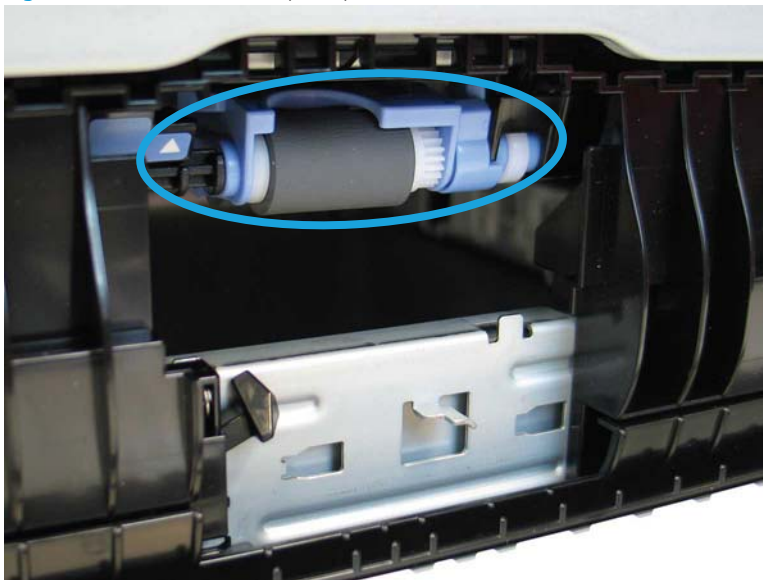
2. Remove the 550-sheet paper tray separation roller.
- ▲ Open the right door. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it.

Figure 1-3243 Remove the separation roller



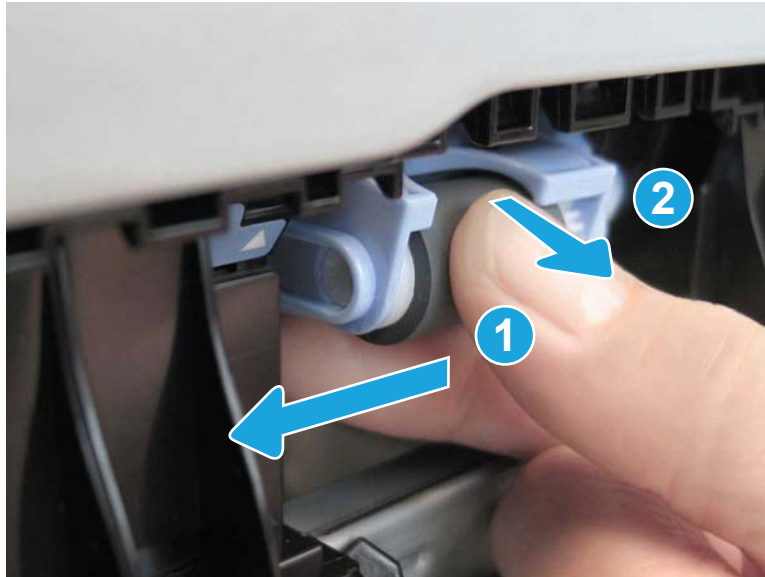
3. Remove the 550-sheet paper tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3244 Locate the pickup roller



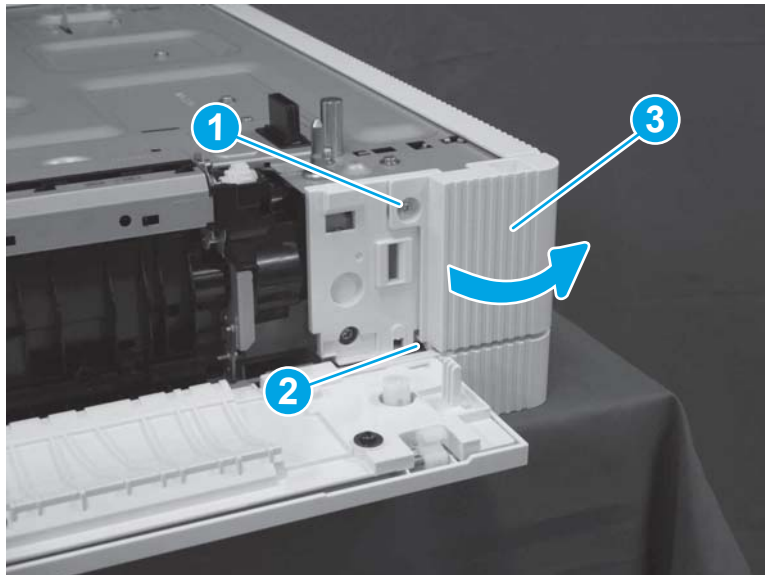
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

**Figure 1-3245** Release the pickup roller



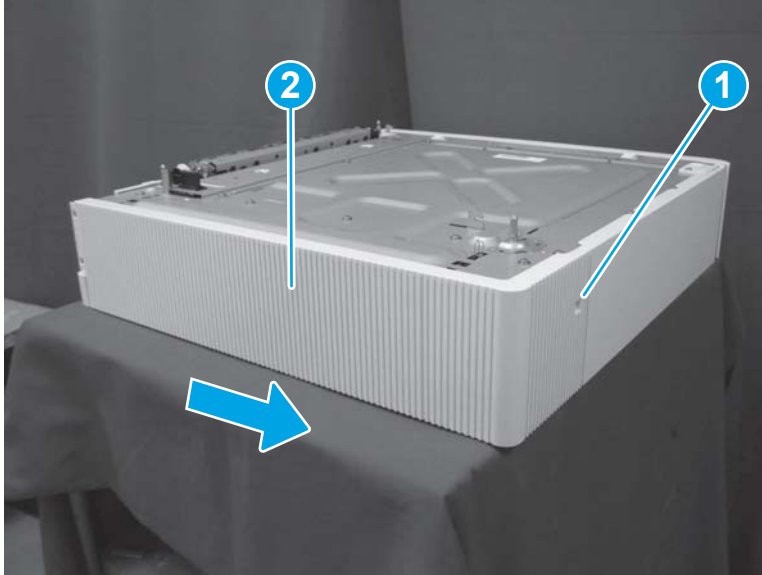
4. Remove the 550-sheet paper tray right rear cover.
  - ▲ Open the right door. Remove one screw (callout 1), release one tab (callout 2), and then remove the right rear cover (callout 3).

**Figure 1-3246** Remove the right rear cover



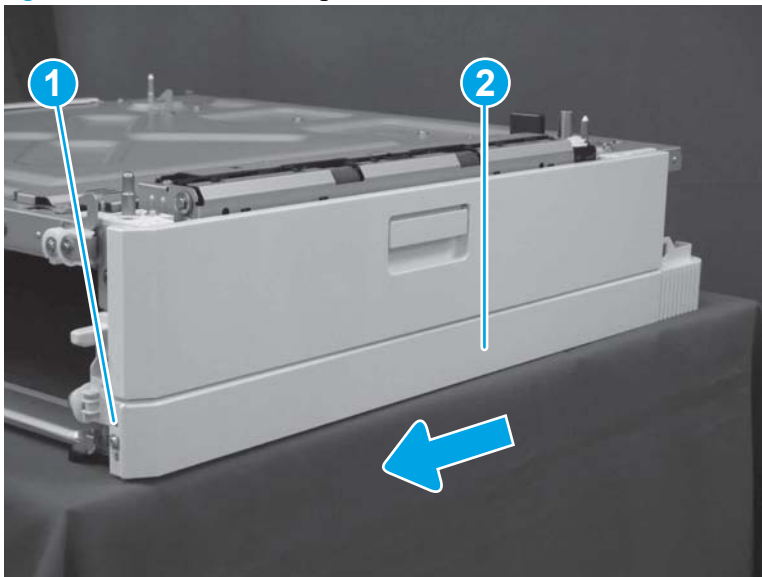
5. Remove the 550-sheet paper tray rear cover.
  - ▲ Remove one screw (callout 1), and then slide the rear cover (callout 2) toward the left side of the feeder to remove it.

Figure 1-3247 Remove the rear cover



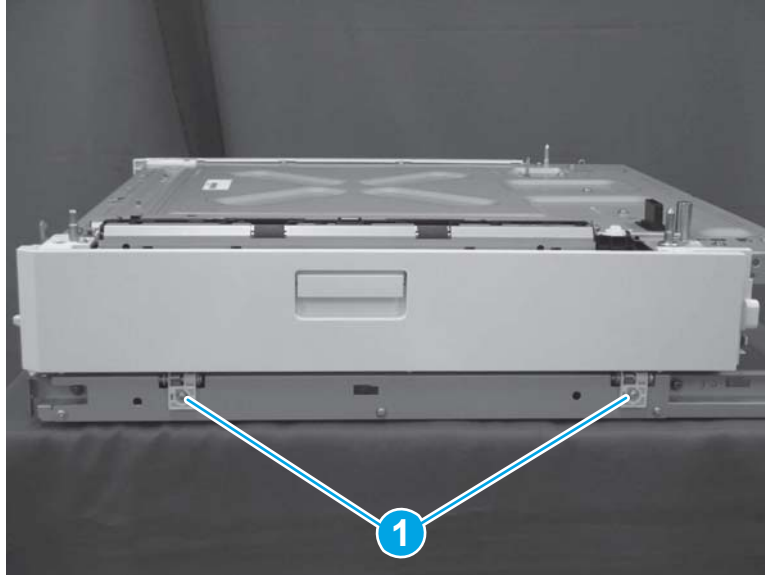
6. Remove the 550-sheet paper tray right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3248 Remove the right lower cover



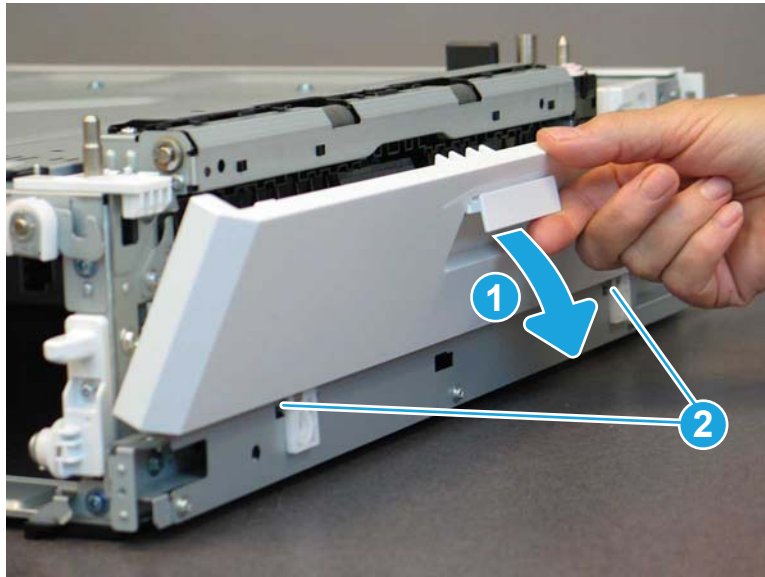
7. Remove the 550-sheet paper tray right door.
  - a. Close the right door, and then remove two screws (callout 1).

Figure 1-3249 Remove two screws



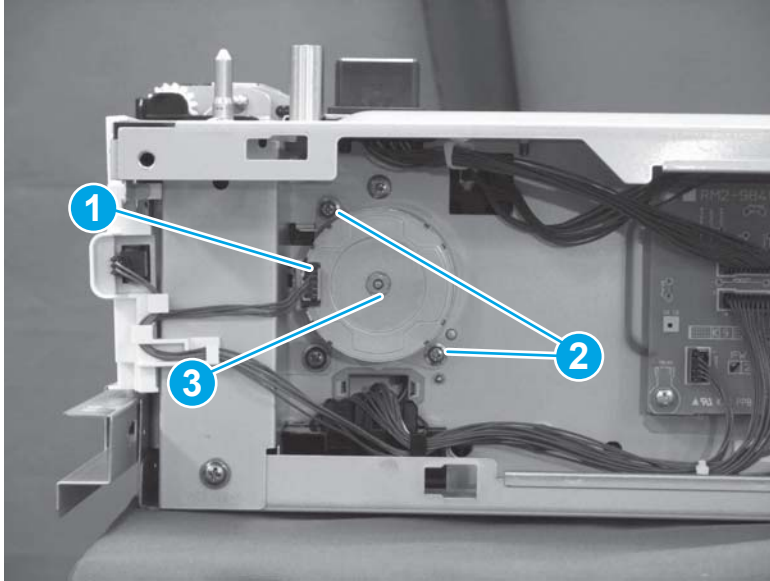
- b. Open the right door (callout 1), and then release two bosses (callout 2) to remove the door.

Figure 1-3250 Remove the right door



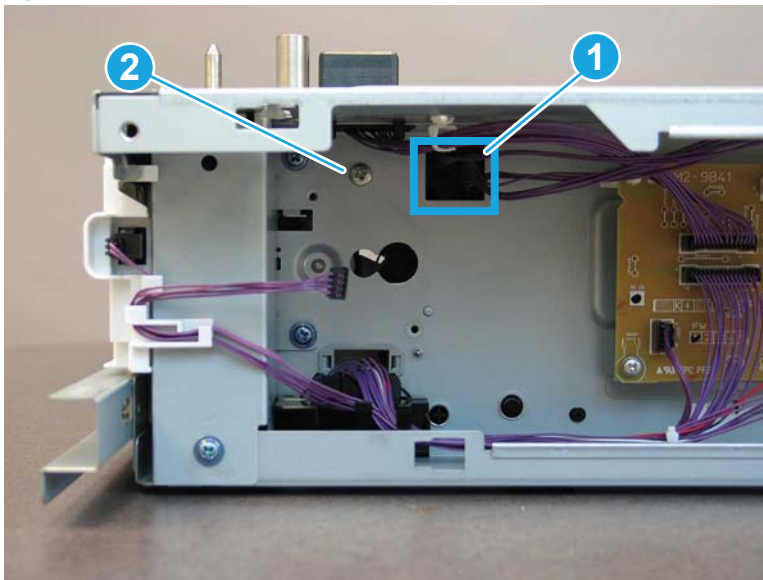
- 8. Remove the 550-sheet paper tray pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3251 Remove the pickup motor



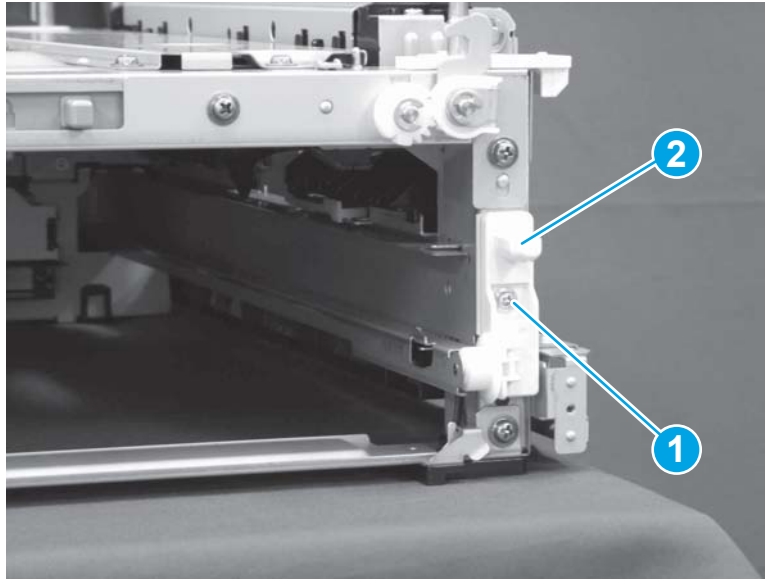
9. Remove the 550-sheet paper tray pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3252 Disconnect two connectors and remove one screw



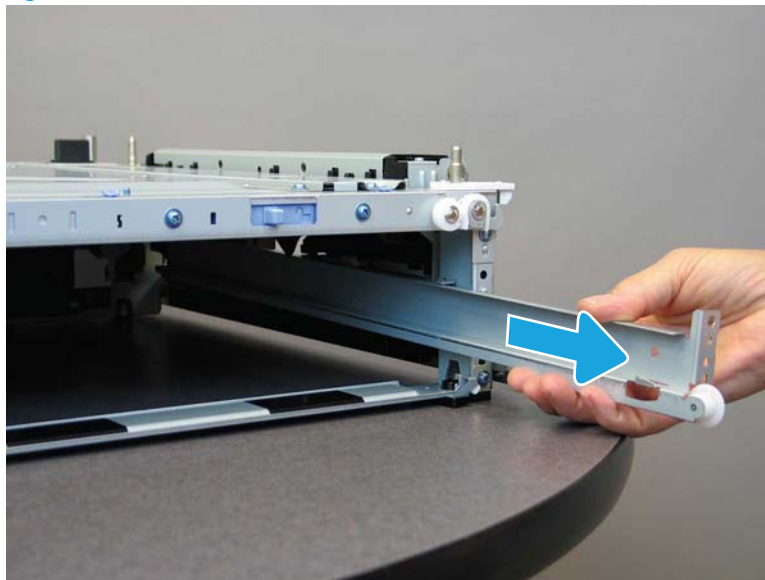
- b. At the front of the feeder, remove one screw (callout 1), and then remove the cover (callout 2).

**Figure 1-3253** Remove one screw and the cover



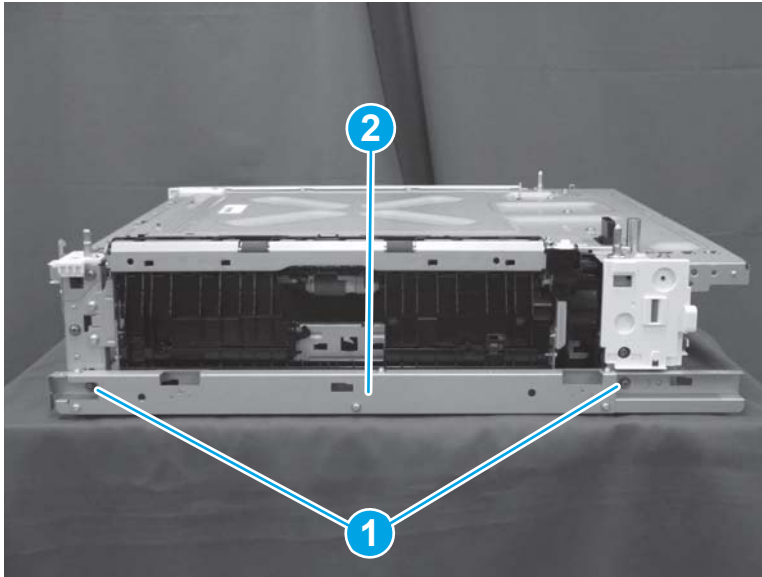
- c. Slide the cassette rail away from the printer to remove it.

**Figure 1-3254** Remove the cassette rail



- d. On the right side of the feeder, remove two screws (callout 1), and then pull the right lower frame (callout 2) away from the printer to remove it.

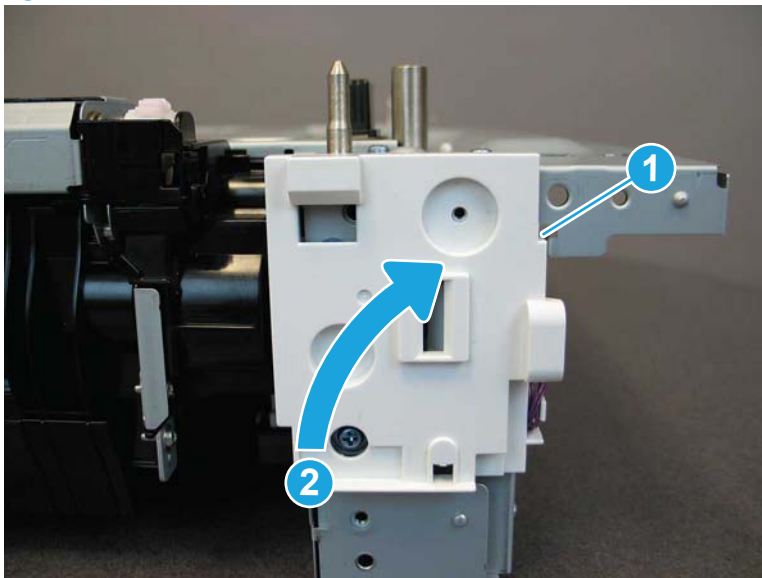
Figure 1-3255 Remove the right lower frame



- e. Release one tab (callout 1), and then rotate the right rear inner cover away from the feeder.

**CAUTION:** The cover is still attached to the feeder. Do not attempt to remove it completely.

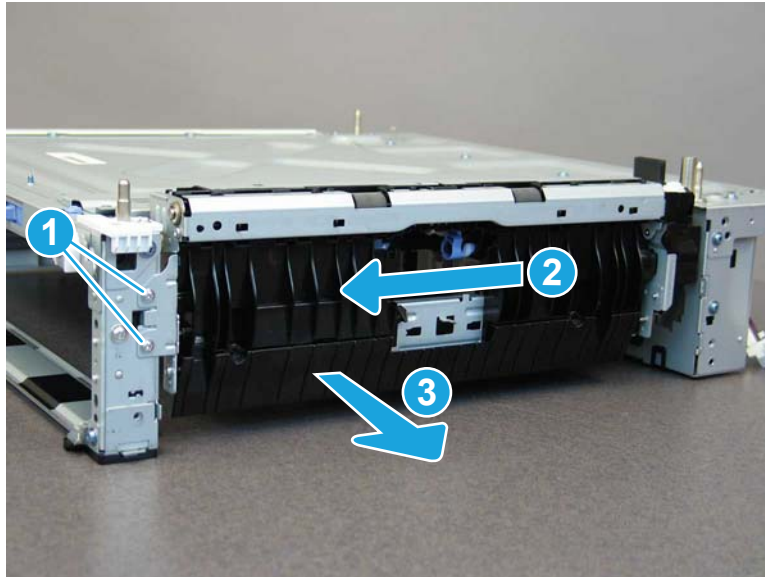
Figure 1-3256 Release the right rear inner cover





- f. Remove two screws (callout 1). Slide the pickup assembly (callout 2) toward the front of the feeder, and then pull it away from the feeder (callout 3) to remove it.

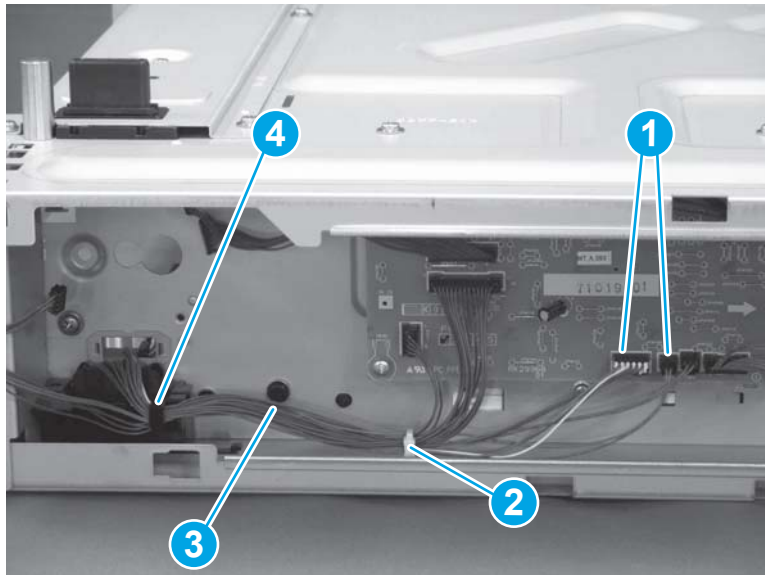
**Figure 1-3257** Remove the pickup assembly



- 10. Remove the 550-sheet paper tray lifter drive assembly.

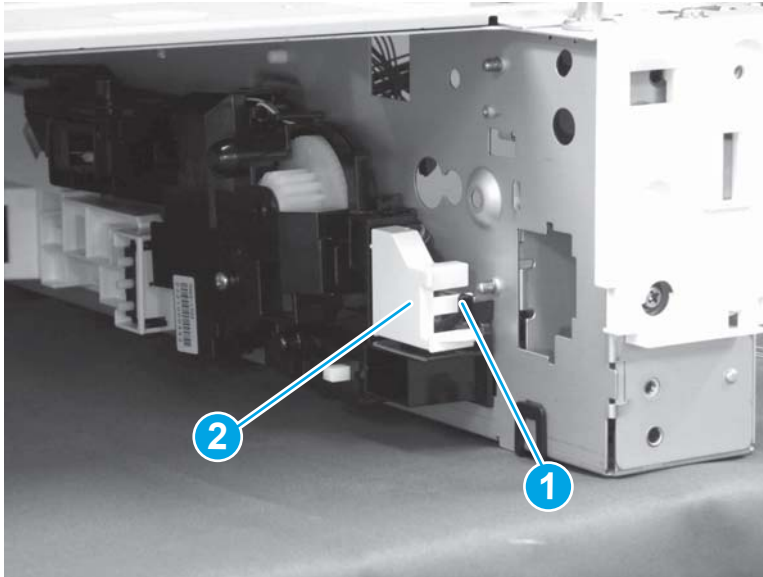
- a. Disconnect two connectors (callout 1). Open one retainer (callout 2), and then remove the cables (callout 3) from the guide (callout 4).

**Figure 1-3258** Disconnect two connectors and release cables



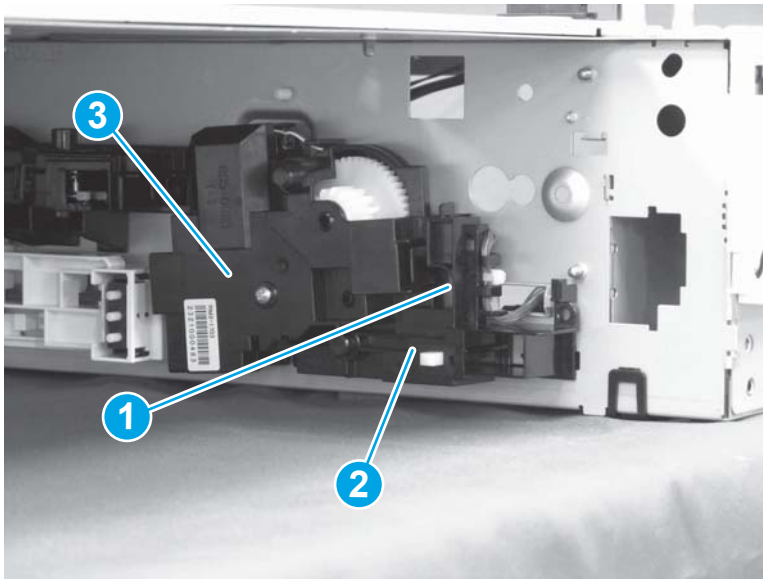
- b. On the right side of the feeder, release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3259 Remove the connector cover



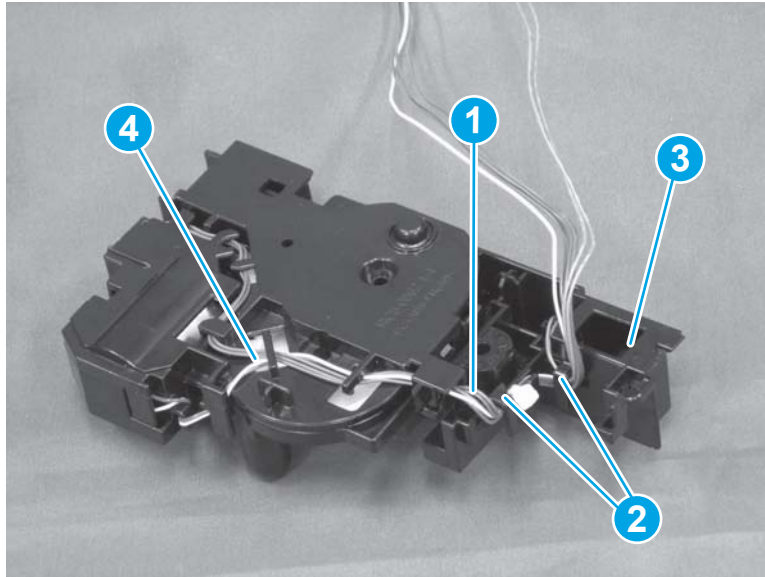
- c. Remove one screw (callout 1), and then remove the holder (callout 2) and the lifter drive (callout 3) together.

Figure 1-3260 Remove the lifter drive and holder



- d. Release the cables (callout 1) from the guides (callout 2). Remove the holder (callout 3) from the lifter drive (callout 4).

**Figure 1-3261** Remove the holder from the lifter drive



11. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



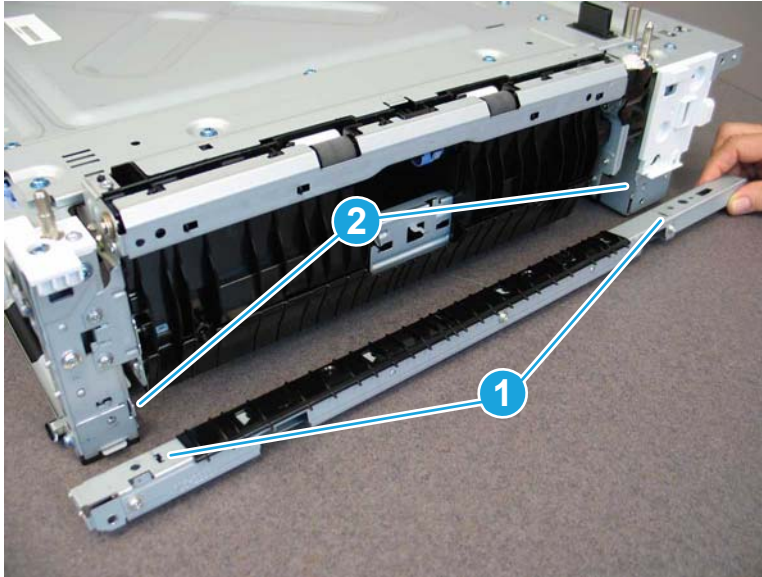
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

12. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

Install the 550-sheet paper tray pickup assembly.

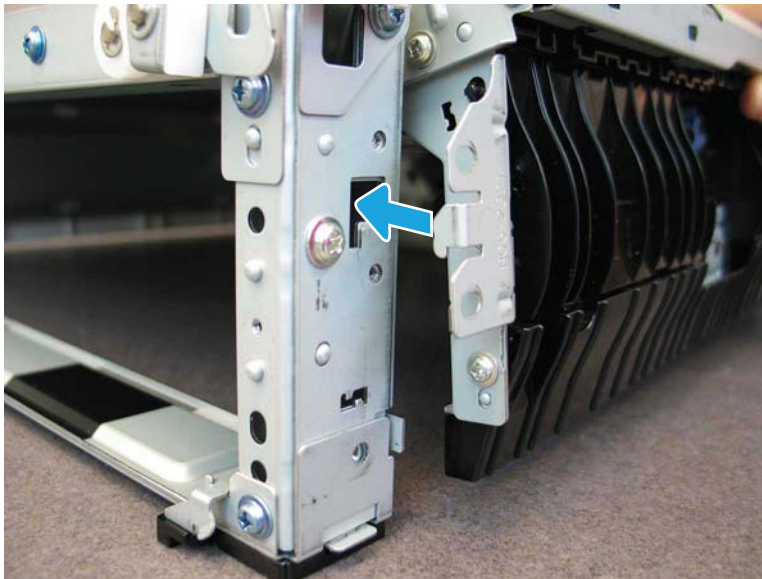
1. When reinstalling the right lower frame, position the slots (callout 1) on the frame over the tabs (callout 2) on the feeder.

Figure 1-3262 Install the right lower frame



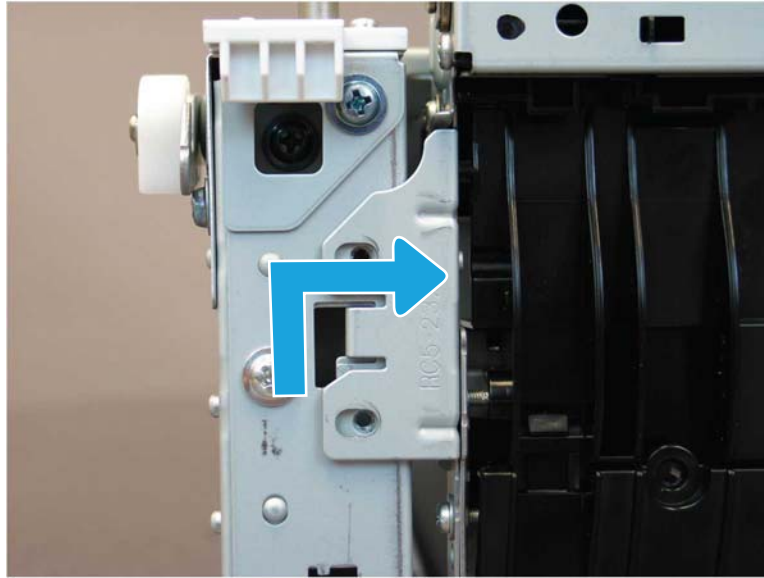
2. When reinstalling the pickup assembly, install the tab in the slot.

Figure 1-3263 Install the tab



3. Lift the pickup assembly up, and then slide to the right.

**Figure 1-3264** Install the pickup assembly



### Removal and replacement: 550-sheet paper tray auto close assembly

Learn how to remove and replace the 550-sheet tray auto close assembly.

 [View a video of how to remove and replace the 550-sheet paper tray auto close assembly.](#)


Mean time to repair: 15 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-165** Part information

Part number	Part description
RM2-1760-000CN	Auto close assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

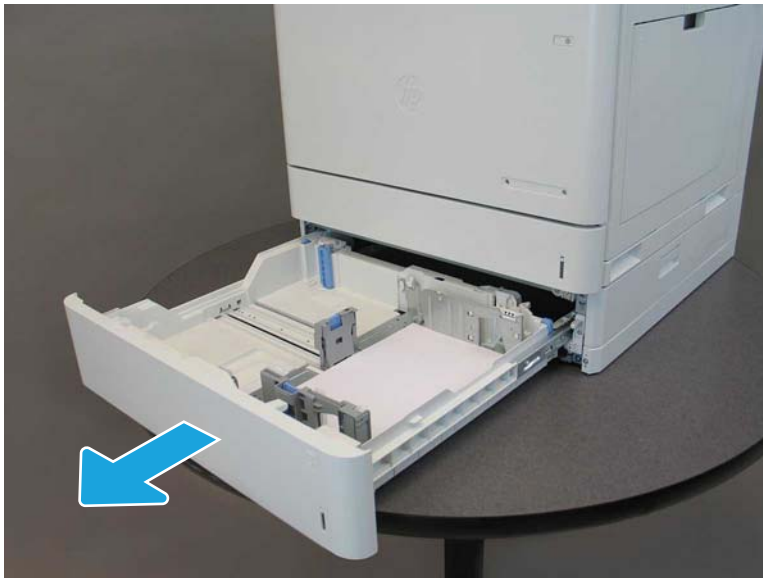
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

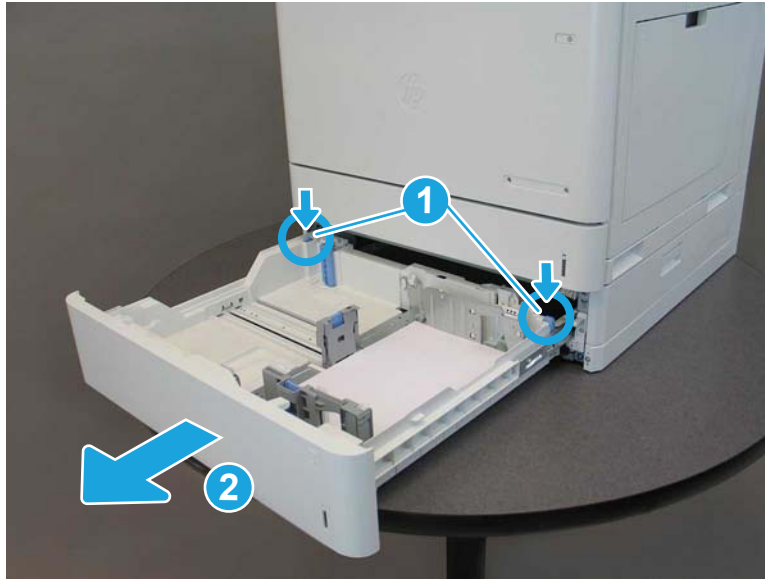
1. Remove the 550-sheet paper tray.
  - a. Pull the tray away from the printer until it stops.

**Figure 1-3265** Pull the tray out



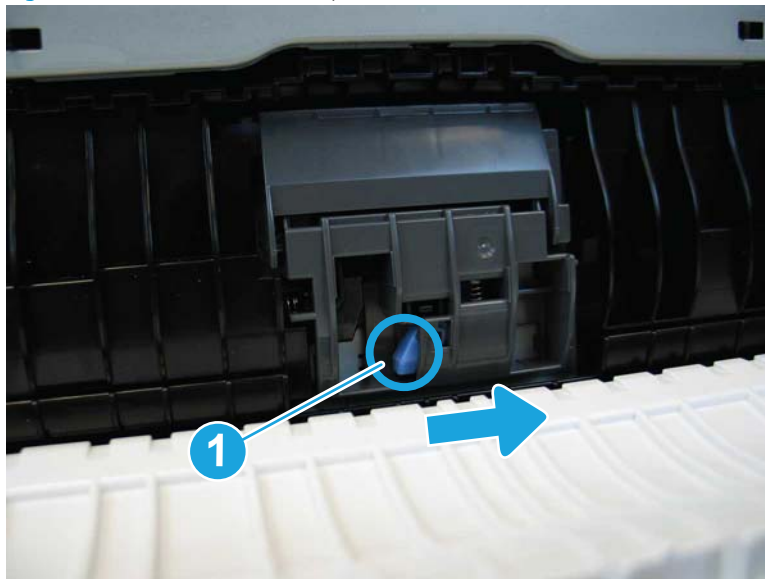
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

**Figure 1-3266** Remove the tray



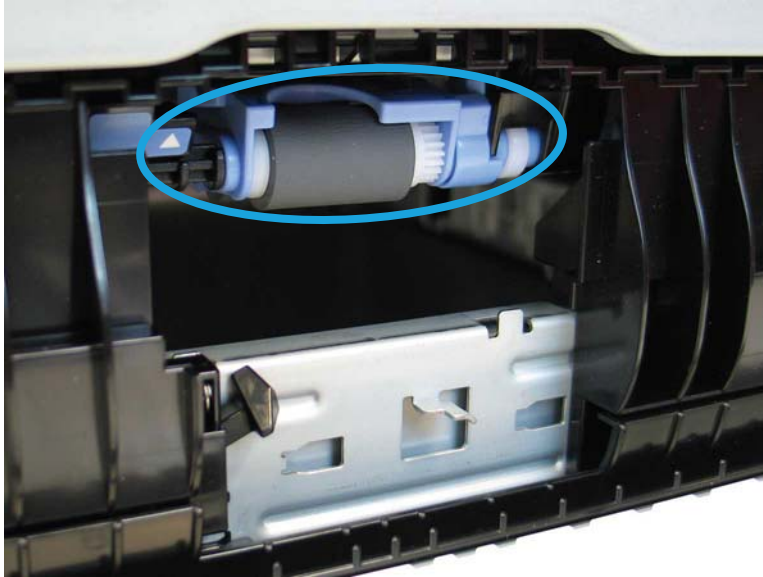
2. Remove the 550-sheet paper tray separation roller.
  - ▲ Open the right door. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it.

**Figure 1-3267** Remove the separation roller



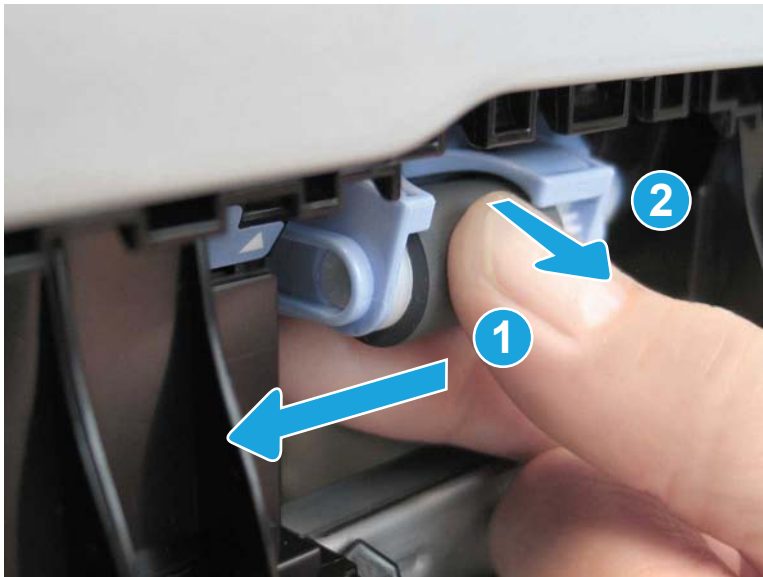
3. Remove the 550-sheet paper tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3268 Locate the pickup roller



- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

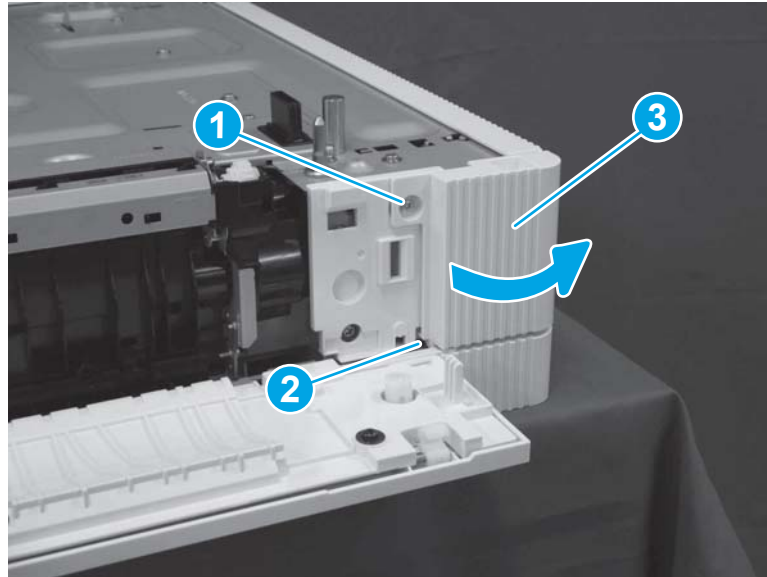
Figure 1-3269 Release the pickup roller



4. Remove the 550-sheet paper tray right rear cover.
  - ▲ Open the right door. Remove one screw (callout 1), release one tab (callout 2), and then remove the right rear cover (callout 3).



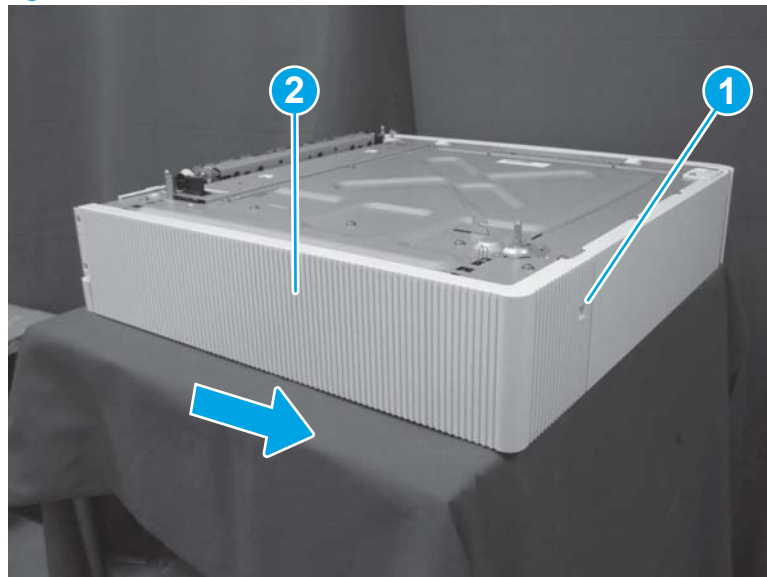
Figure 1-3270 Remove the right rear cover



5. Remove the 550-sheet paper tray rear cover.

- ▲ Remove one screw (callout 1), and then slide the rear cover (callout 2) toward the left side of the feeder to remove it.

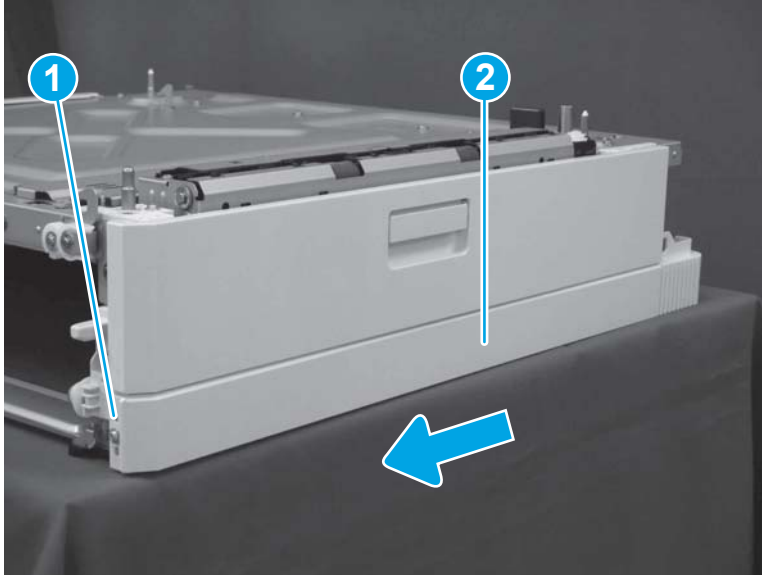
Figure 1-3271 Remove the rear cover



6. Remove the 550-sheet paper tray right lower cover.

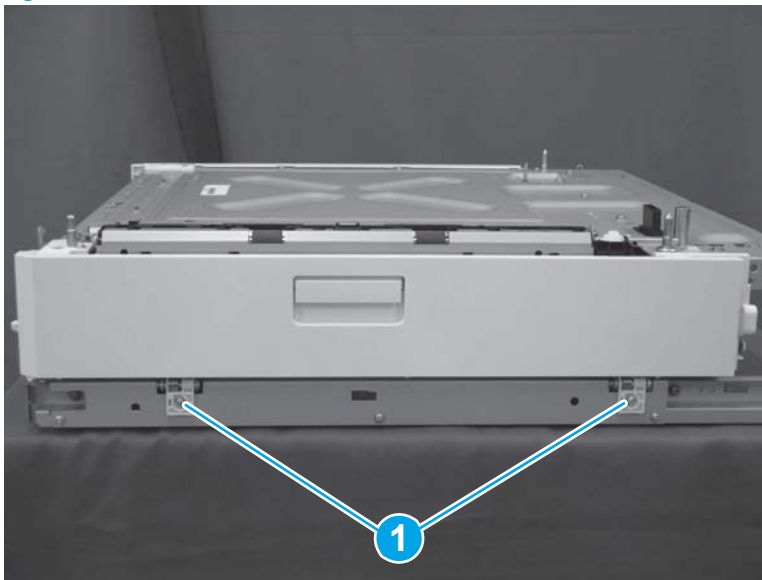
- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3272 Remove the right lower cover



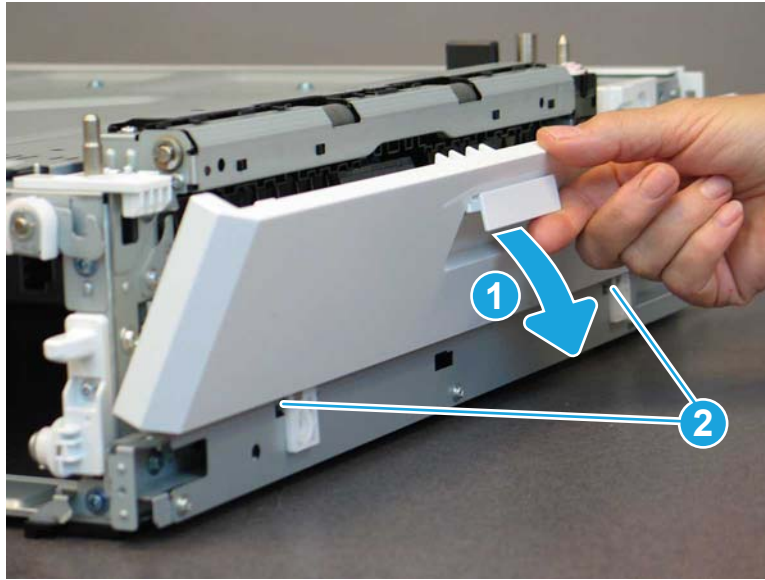
7. Remove the 550-sheet paper tray right door.
  - a. Close the right door, and then remove two screws (callout 1).

Figure 1-3273 Remove two screws



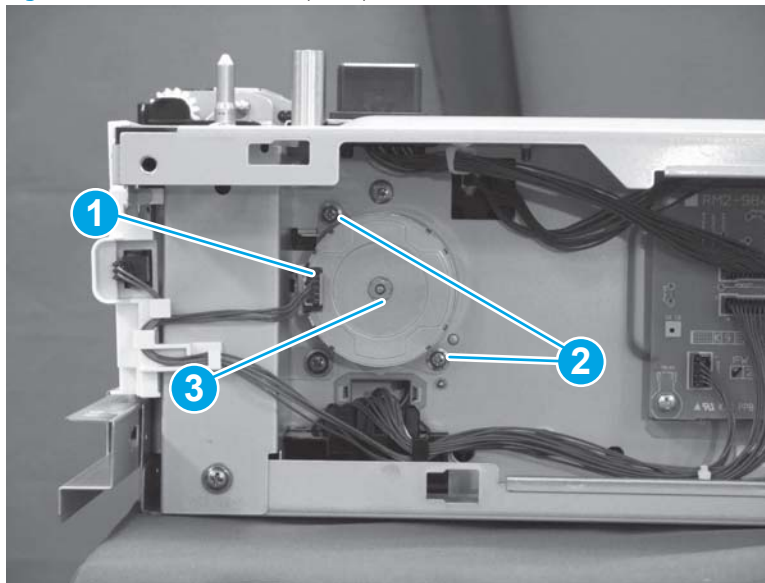
- b. Open the right door (callout 1), and then release two bosses (callout 2) to remove the door.

Figure 1-3274 Remove the right door



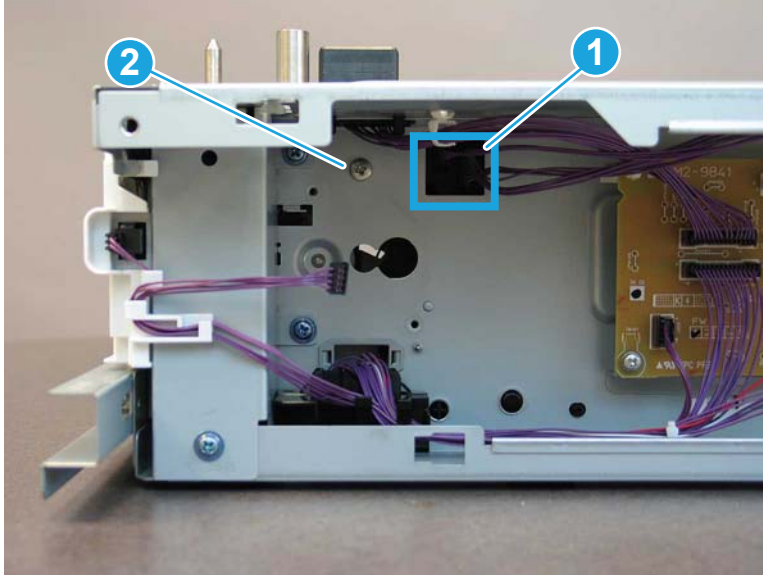
8. Remove the 550-sheet paper tray pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3275 Remove the pickup motor



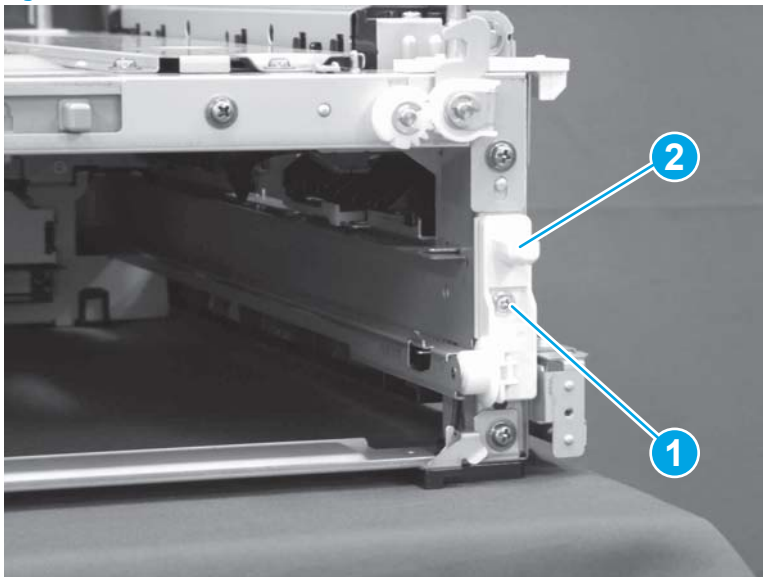
9. Remove the 550-sheet paper tray pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3276 Disconnect two connectors and remove one screw



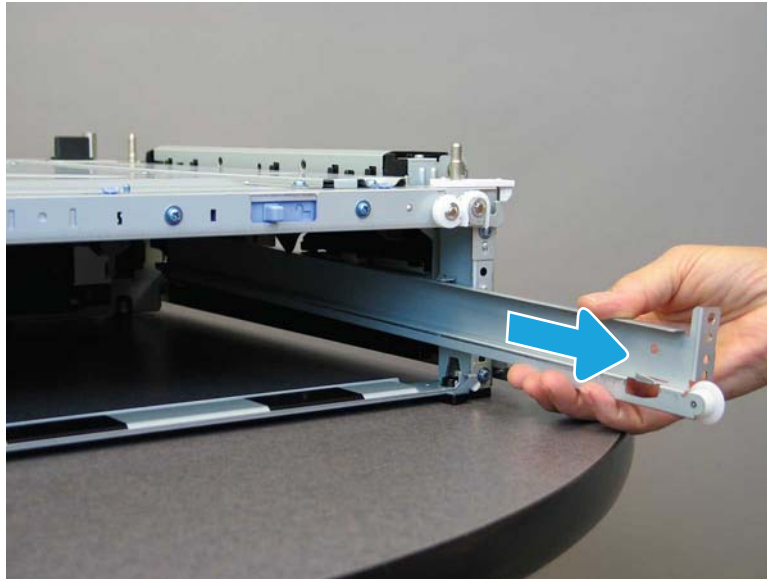
- b. At the front of the feeder, remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3277 Remove one screw and the cover



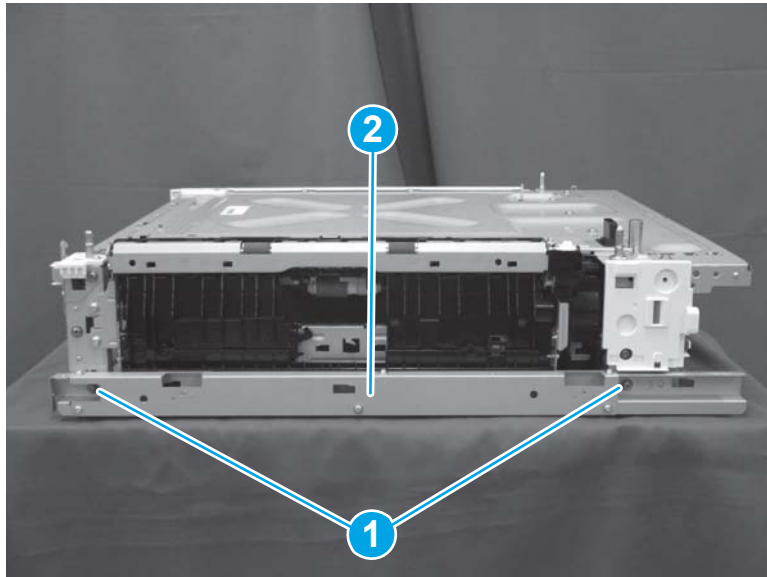
- c. Slide the cassette rail away from the printer to remove it.

Figure 1-3278 Remove the cassette rail



- d. On the right side of the feeder, remove two screws (callout 1), and then pull the right lower frame (callout 2) away from the printer to remove it.

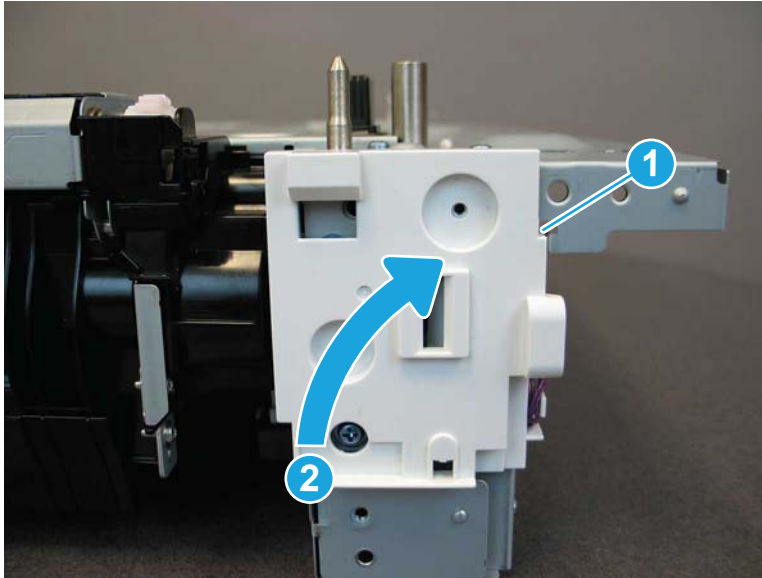
Figure 1-3279 Remove the right lower frame



- e. Release one tab (callout 1), and then rotate the right rear inner cover away from the feeder.

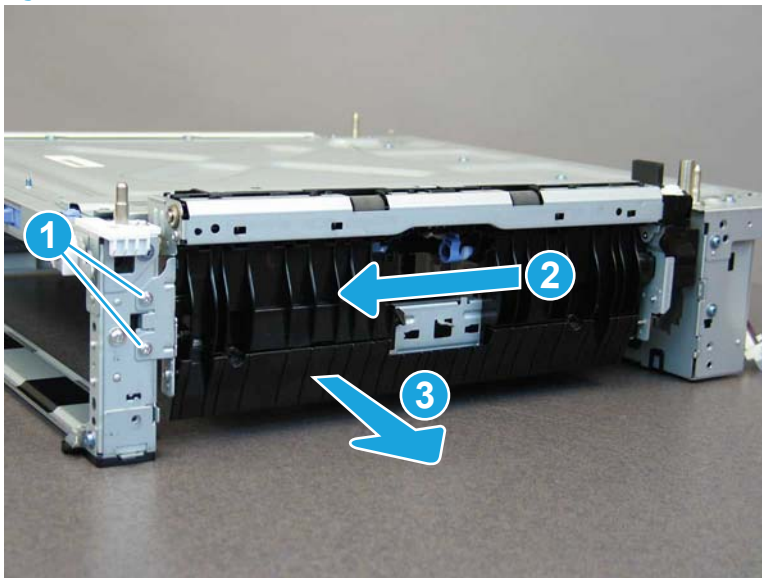
**⚠ CAUTION:** The cover is still attached to the feeder. Do not attempt to remove it completely.

**Figure 1-3280** Release the right rear inner cover



- f. Remove two screws (callout 1). Slide the pickup assembly (callout 2) toward the front of the feeder, and then pull it away from the feeder (callout 3) to remove it.

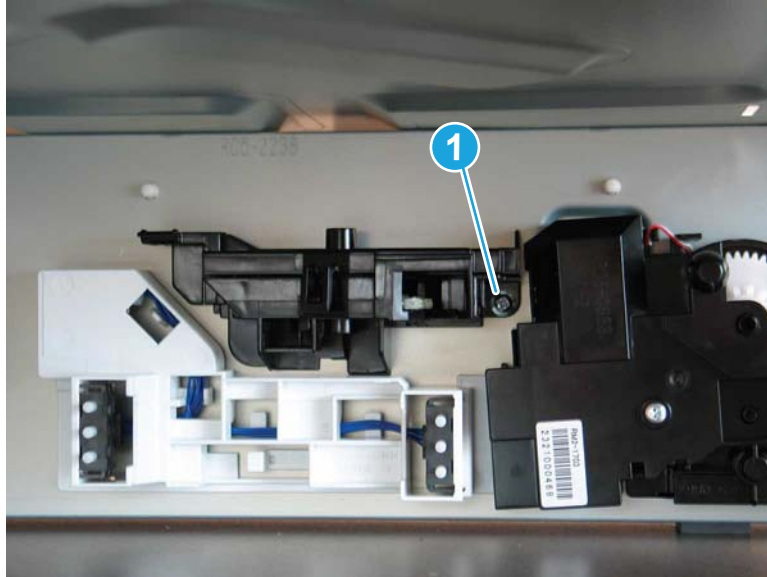
**Figure 1-3281** Remove the pickup assembly



10. Remove the 550-sheet paper tray auto close assembly.

- ▲ Remove one screw (callout 1), and then slide the auto close assembly to the right to remove it.

Figure 1-3282 Remove the auto close assembly



11. Unpack the replacement assembly.

a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.



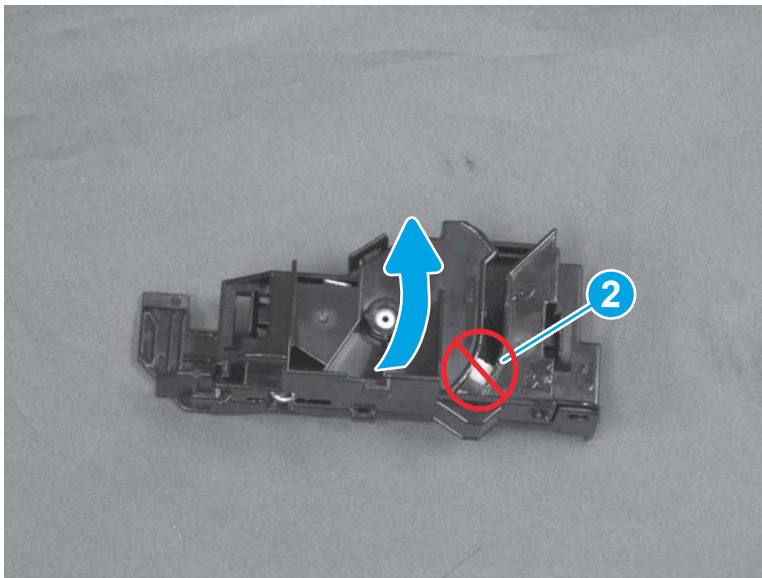
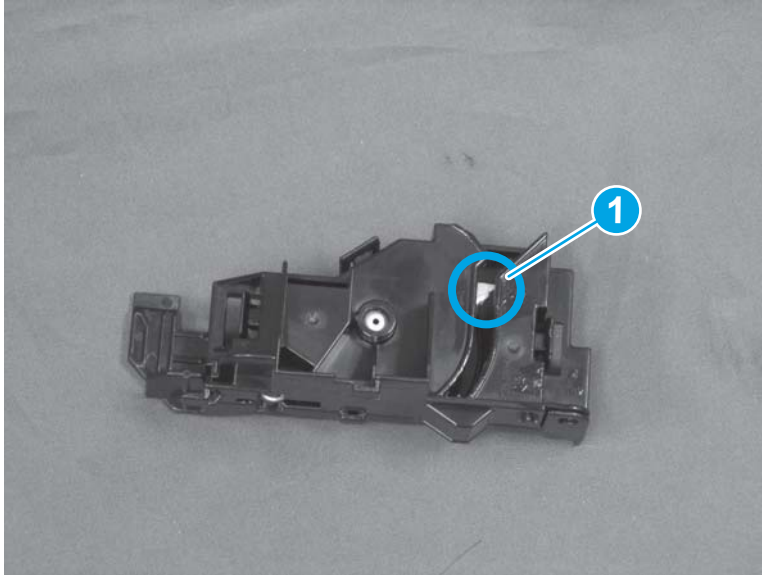
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

12. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Check the auto close toggle position

- ▲ Confirm the position of the toggle when installing the auto close assembly. The correct position of the toggle is toward the top of the auto close assembly (callout 1). If the toggle is in the wrong position (callout 2), use a small, flat-blade screwdriver to rotate it up to the correct position.

Figure 1-3283 Check the toggle position

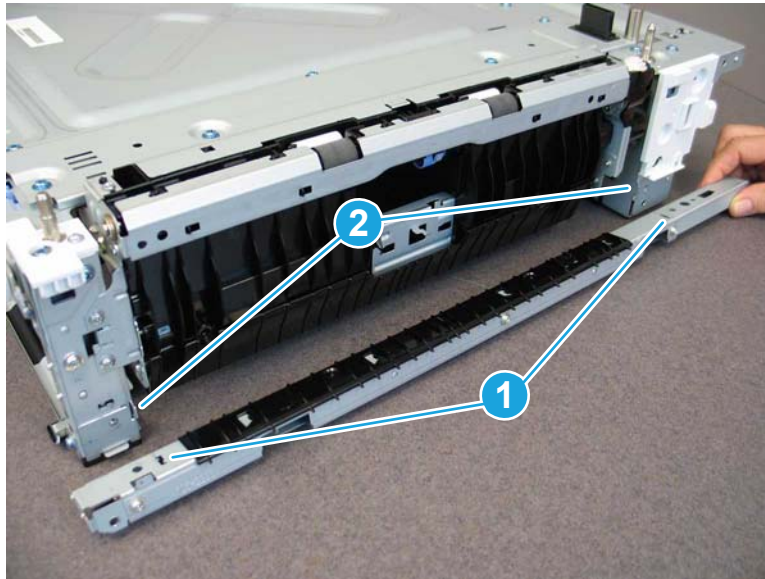




### Install the 550-sheet paper tray pickup assembly

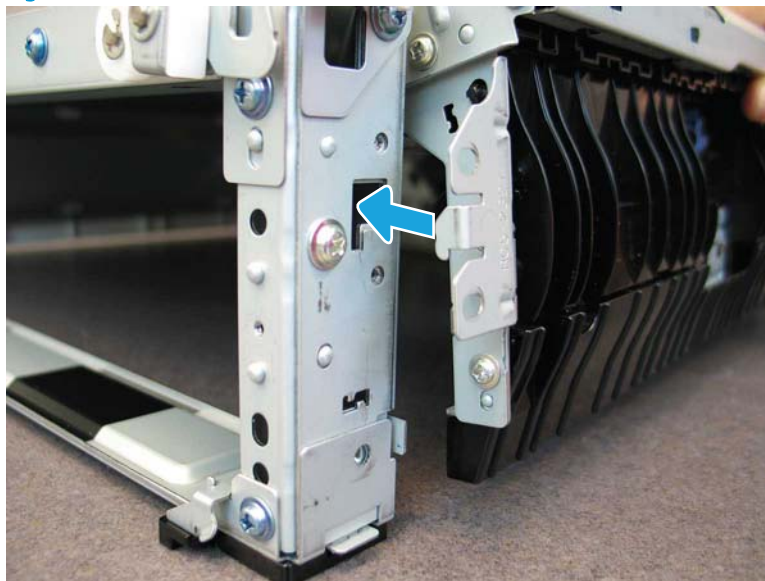
1. When reinstalling the right lower frame, position the slots (callout 1) on the frame over the tabs (callout 2) on the feeder.

Figure 1-3284 Install the right lower frame



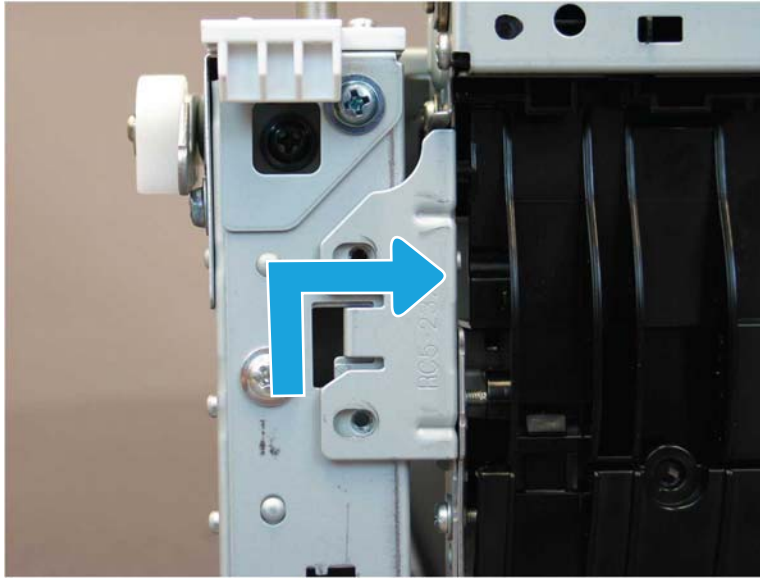
2. When reinstalling the pickup assembly, install the tab in the slot.

Figure 1-3285 Install the tab



3. Lift the pickup assembly up, and then slide to the right.

Figure 1-3286 Install the pickup assembly



### Removal and replacement: 550-sheet paper tray size detect switch

Learn how to remove and replace the 550-sheet paper tray size detect switch.

 [View a video of how to remove and replace the 550-sheet paper tray size detect switch.](#)


Mean time to repair: 3 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-166 Part information

Part number	Part description
RM2-1711-000CN	Size detect switch assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

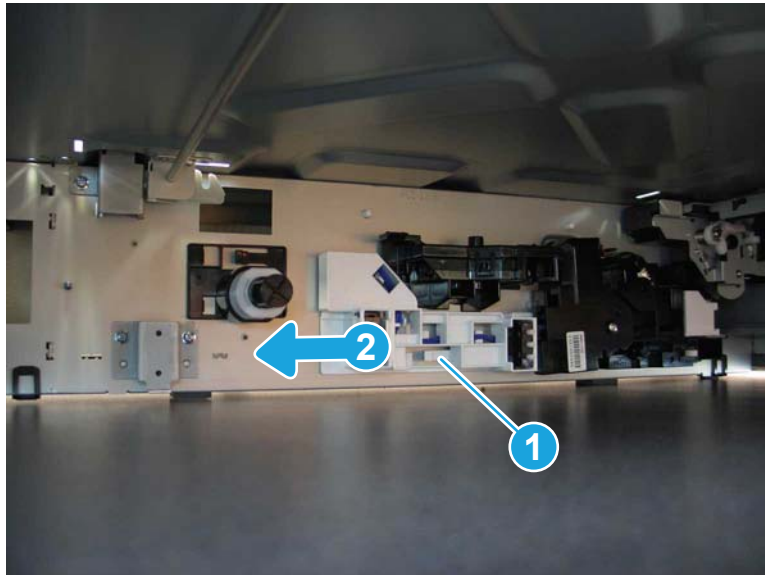
#### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 550-sheet tray to make sure that the printer is functioning correctly.

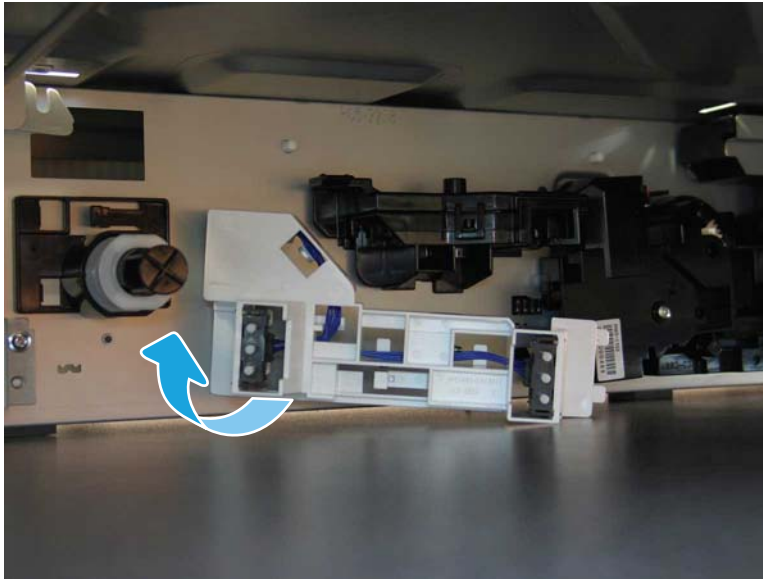
1. Remove the 550-sheet paper tray size detect switch.
  - a. Remove the 550-sheet paper tray.
  - b. Inside the tray opening, release one tab (callout 1), and then slide the switch assembly to the left (callout 2) to release it.

**Figure 1-3287** Release one tab and slide the switch assembly



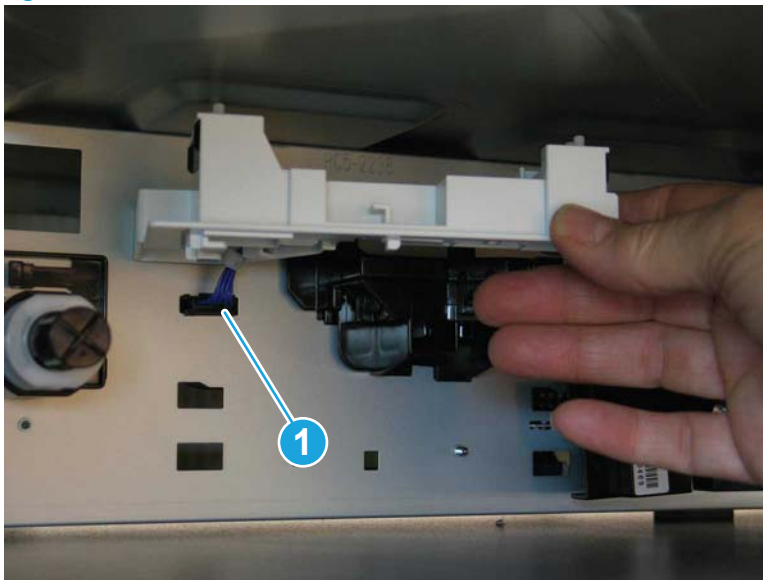
- c. Rotate the switch assembly up.

Figure 1-3288 Rotate the switch assembly up




- d. Disconnect one connector (callout 1), and then remove the size detect switch.

Figure 1-3289 Disconnect one connector and remove the switch



- 2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: 2x550-sheet paper tray and stand components

Learn how to remove and replace the component parts in the 2x550-sheet paper tray and stand.

- [Removal and replacement: 2x550-sheet paper tray and stand paper tray](#)
- [Removal and replacement: 2x550-sheet paper tray and stand pickup and separation rollers](#)
- [Removal and replacement: 2x550-sheet paper tray and stand right lower cover](#)
- [Removal and replacement: 2x550-sheet paper tray and stand right door](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 1 pickup motor](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 1 pickup assembly](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 2 pickup motor](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 2 pickup assembly](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 1 lifter drive](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 2 lifter drive](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 1 auto close assembly](#)
- [Removal and replacement: 2x550-sheet paper tray and stand tray 2 auto close assembly](#)
- [Removal and replacement: 2x550-sheet paper tray and stand controller PCA](#)

## Removal and replacement: 2x550-sheet paper tray and stand paper tray

Learn how to remove and replace the paper tray for the 2x550-sheet paper tray and stand.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand paper tray.](#)


Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-167 Part information

Part number	Part description
RM2-1706-000CN	Cassette assembly (upper tray)
RM2-1720-000CN	Cassette assembly (lower tray)

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand tray.

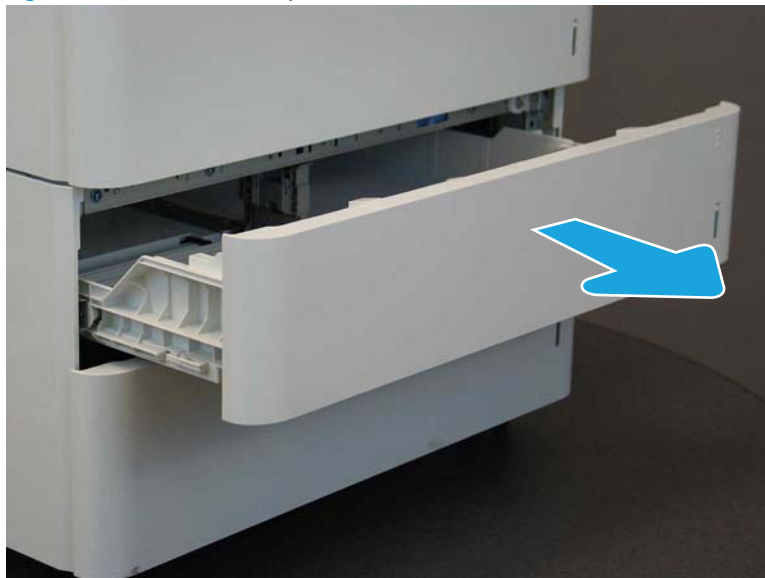
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 **NOTE:** The upper tray is shown in the steps below. The procedure is the same for the lower tray.

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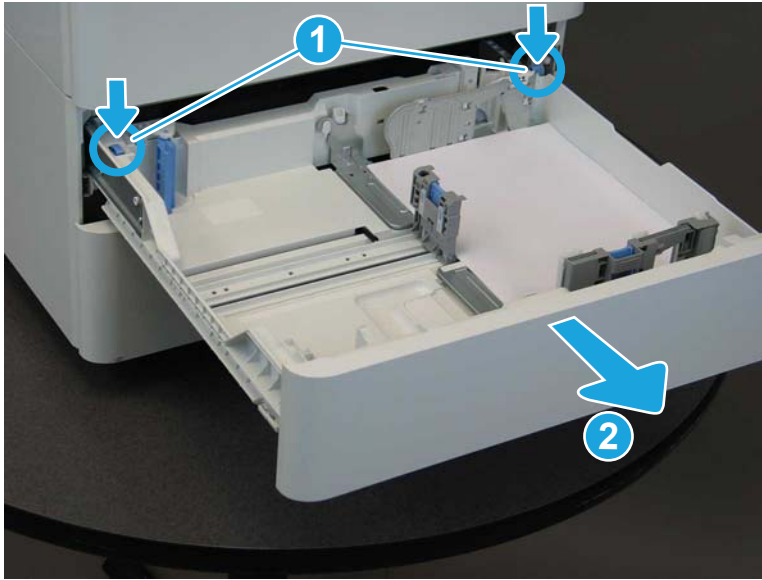
- a. Pull the tray away from the printer until it stops.

**Figure 1-3290** Pull the tray out



- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

Figure 1-3291 Remove the tray



2. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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### Removal and replacement: 2x550-sheet paper tray and stand pickup and separation rollers

Learn how to remove and replace the 2x550-sheet paper tray and stand pickup and separation rollers.

 [View a video of how to remove and replace the 2x550-sheet paper tray and stand pickup and separation rollers.](#)

Mean time to repair: 2 minutes


Service level: CSR A

#### Before performing service

Turn the printer power off



- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-168** Part information

Part number	Part description
RM2-1526-000CN	Tray 2-x pickup and separation rollers

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

- a. Open the tray.

Figure 1-3292 Open the tray



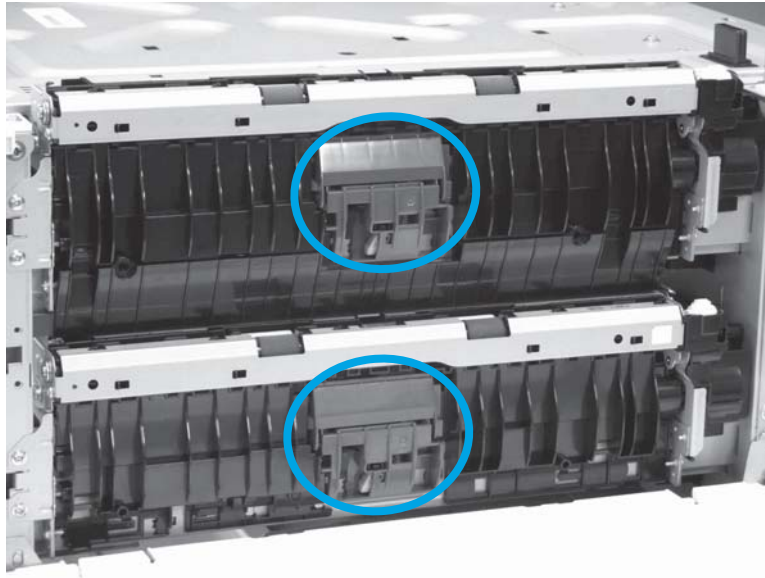
- b. Open the right door.

Figure 1-3293 Open the right door



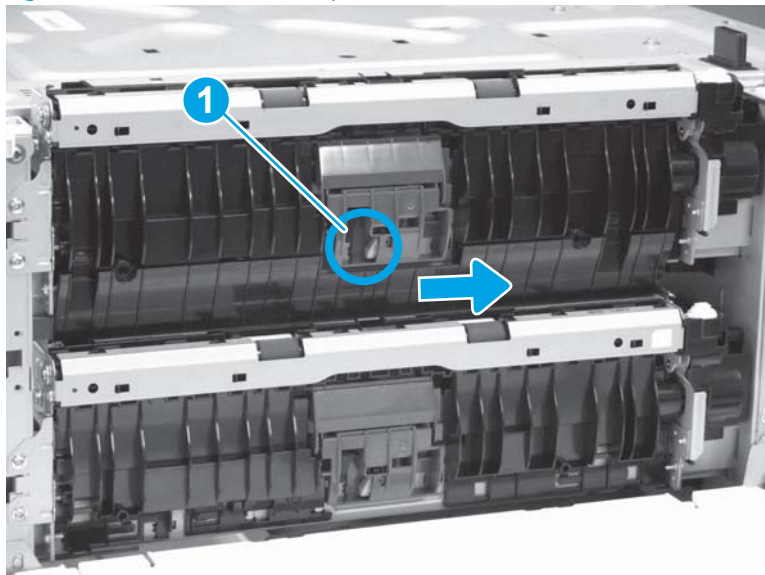
- c. Locate the separation roller.

**Figure 1-3294** Locate the separation roller



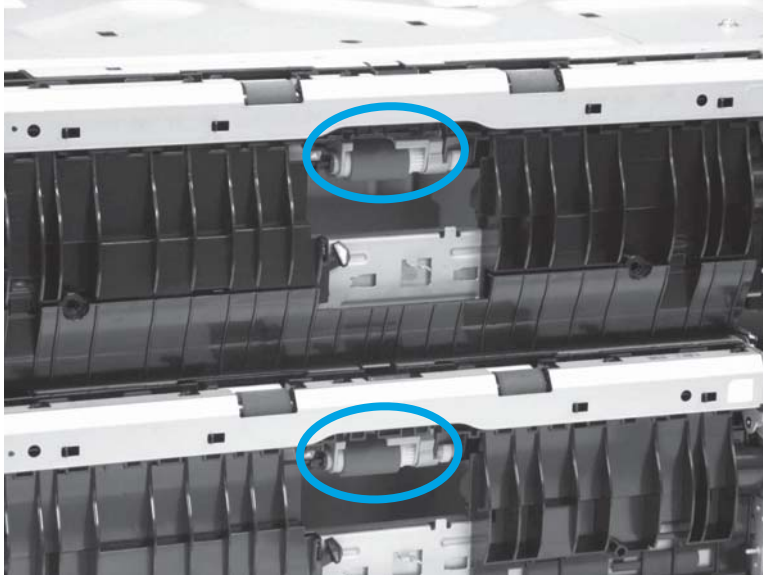
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

**Figure 1-3295** Remove the separation roller



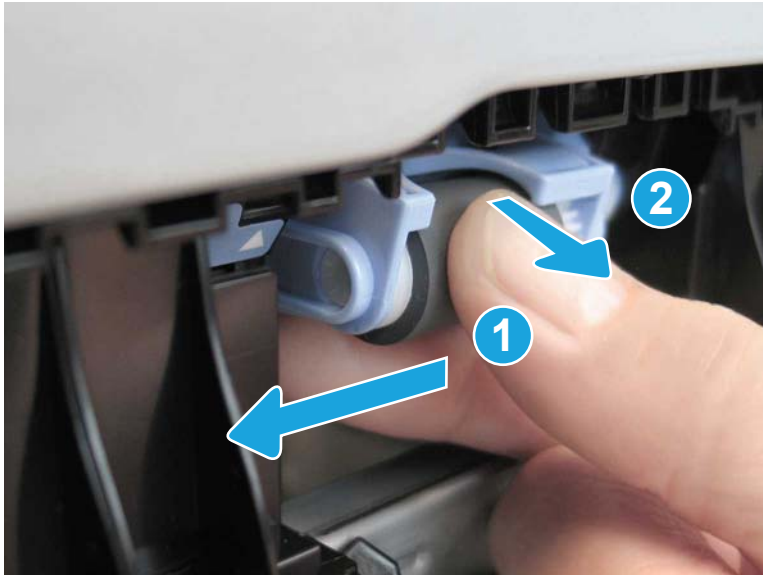
- 2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3296 Locate the pickup roller



- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3297 Remove the pickup roller



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

4. Install the 2x550-sheet paper tray and stand pickup roller.

---

 **NOTE:** Make sure that the tray is open before installing the roller.

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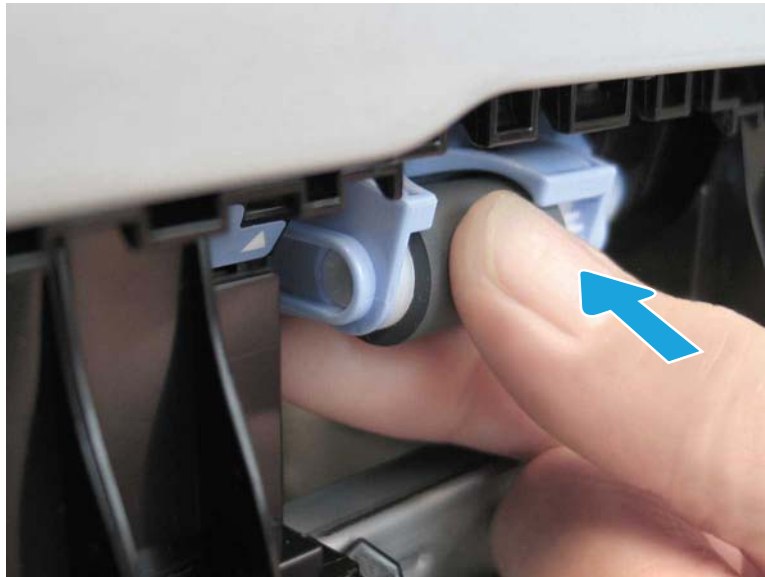
- a. Align the edges of the pickup roller assembly with the slots in the printer.

**Figure 1-3298** Position the pickup roller




- b. Slide the roller assembly into the printer until it stops.

**Figure 1-3299** Install the pickup roller



5. Install the 2x550-sheet paper tray and stand separation roller.

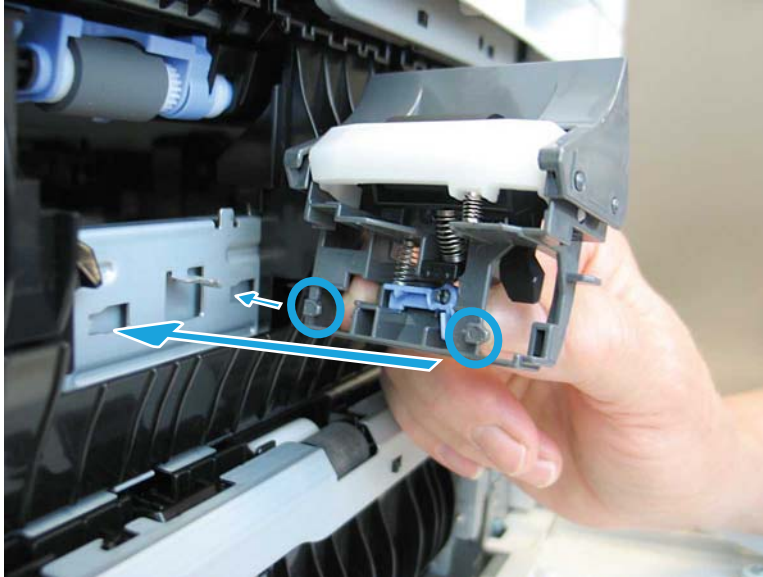
---

 **NOTE:** Make sure that the tray is open before installing the roller.

---

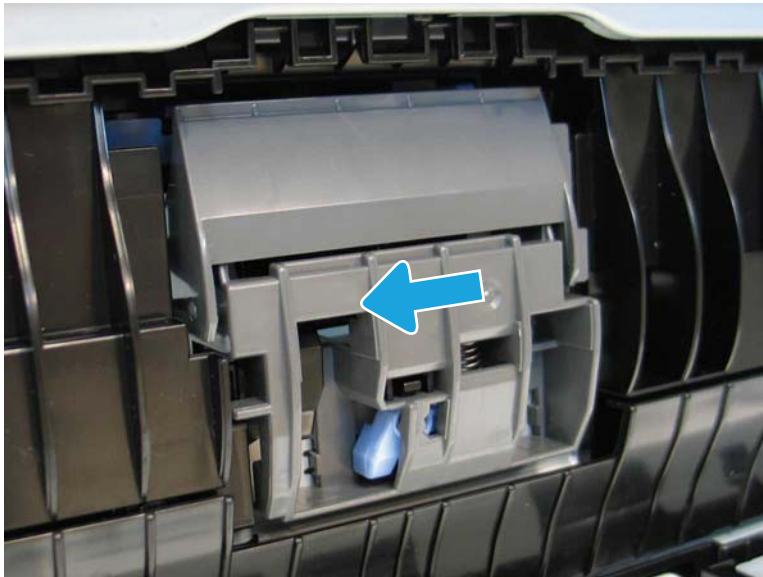
- a. Position the tabs on the separation roller into the slots on the feeder.

Figure 1-3300 Position the separation roller



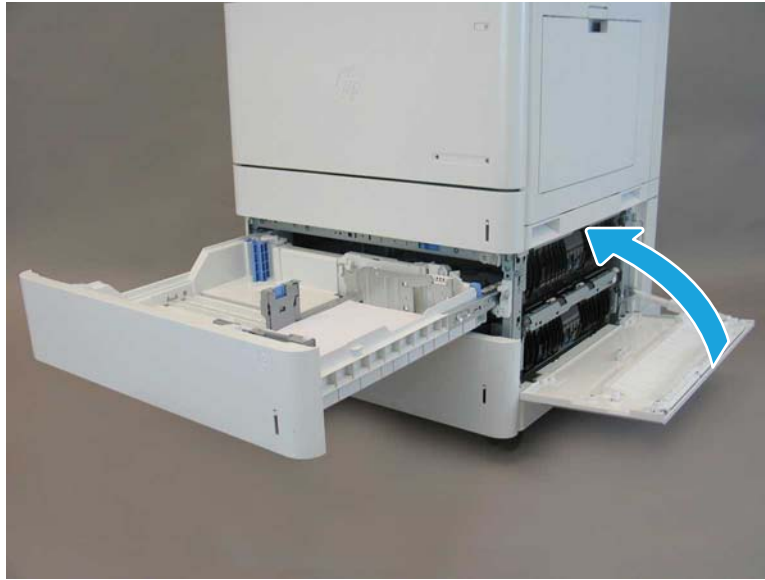
- b. Slide the roller assembly to the left until it snaps into place.

Figure 1-3301 Install the separation roller



- c. Close the right door.

**Figure 1-3302** Close the right door



- d. Close the tray.

**Figure 1-3303** Close the tray



### Removal and replacement: 2x550-sheet paper tray and stand right lower cover

Learn how to remove and replace the 2x550-sheet paper tray and stand right lower cover.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand right lower cover.](#)


Mean time to repair: 2 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-169 Part information

Part number	Part description
RC5-2064-000CN	Cover, right, lower

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on


- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

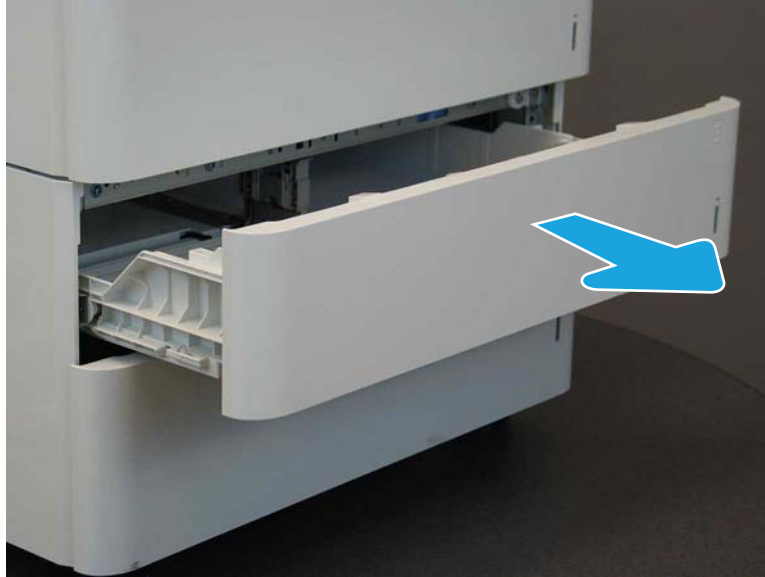
1. Remove both of the 2x550-sheet paper tray and stand trays.

 **NOTE:** The upper tray is shown in the steps below. Follow the same procedure to remove the lower tray.

- a. Pull the tray away from the printer until it stops.

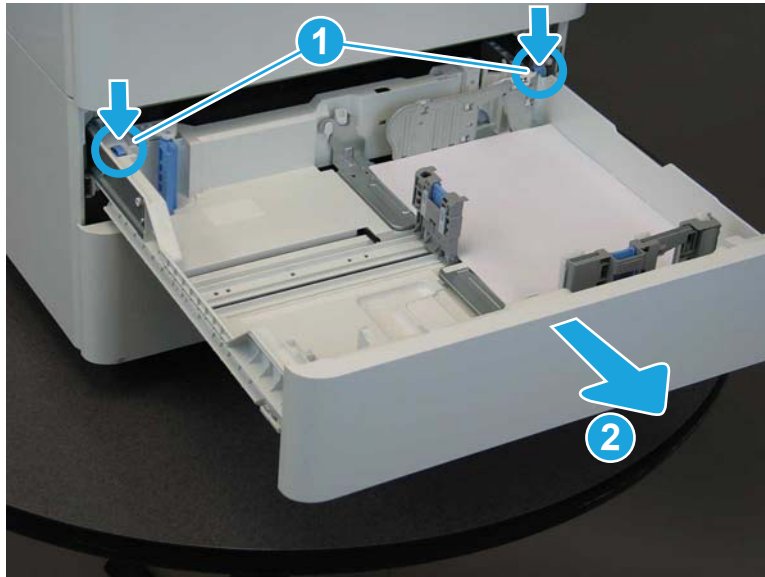


Figure 1-3304 Pull the tray out



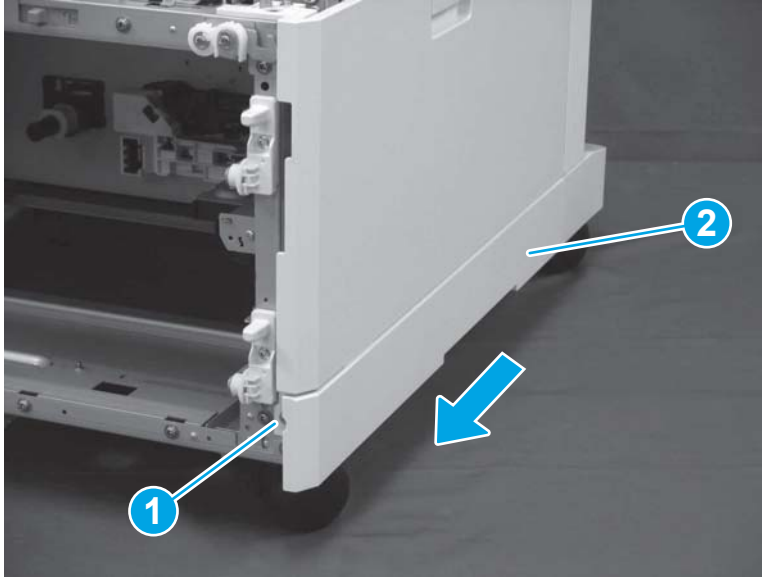
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

Figure 1-3305 Remove the tray



2. Remove the 2x550-sheet paper tray and stand right lower cover.
- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3306 Remove the right lower cover



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2x550-sheet paper tray and stand right door

Learn how to remove and replace the 2x550-sheet paper tray and stand right door.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand right door.](#)

Mean time to repair: 10 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-170** Part information

Part number	Part description
RM2-1729-000CN	Right door assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

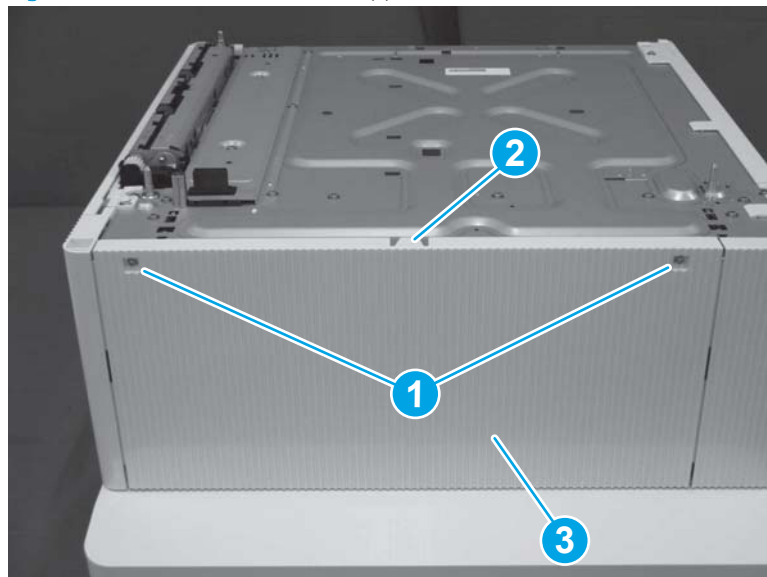
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

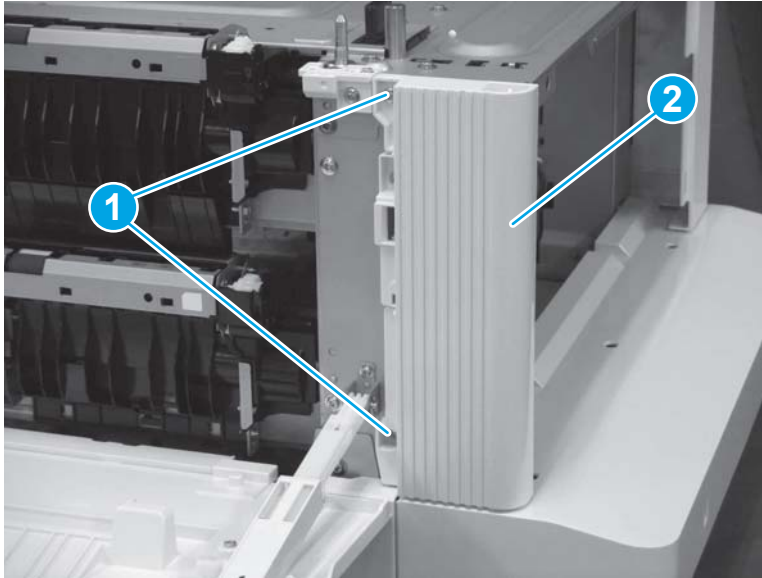
**Figure 1-3307** Remove the rear upper cover




2. Remove the 2x550-sheet paper tray and stand right rear cover.

- a. Open the right door.
- b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

**Figure 1-3308** Remove the right rear cover

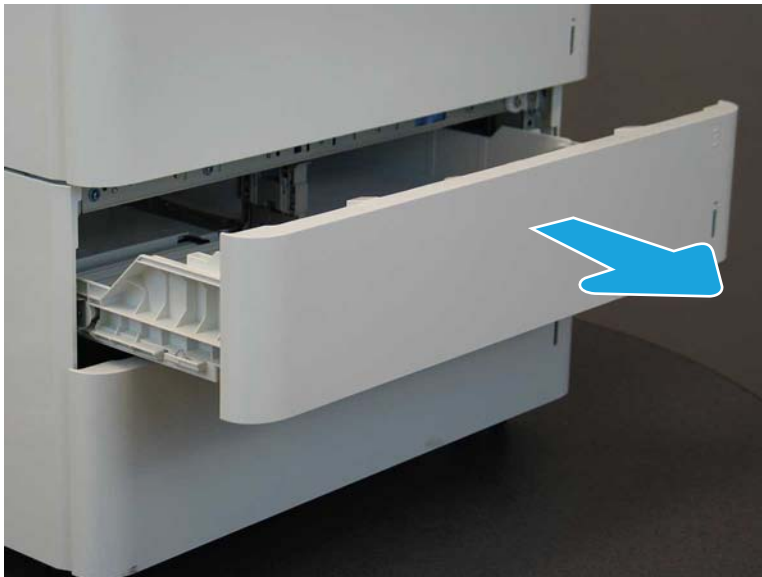


3. Remove both of the 2x550-sheet paper tray and stand trays.

 **NOTE:** The upper tray is shown in the steps below. Follow the same procedure to remove the lower tray.

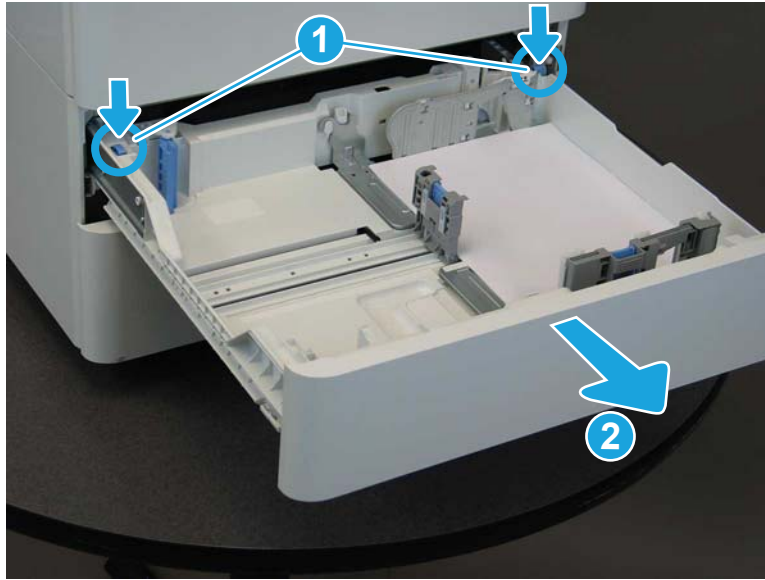
- a. Pull the tray away from the printer until it stops.

**Figure 1-3309** Pull the tray out



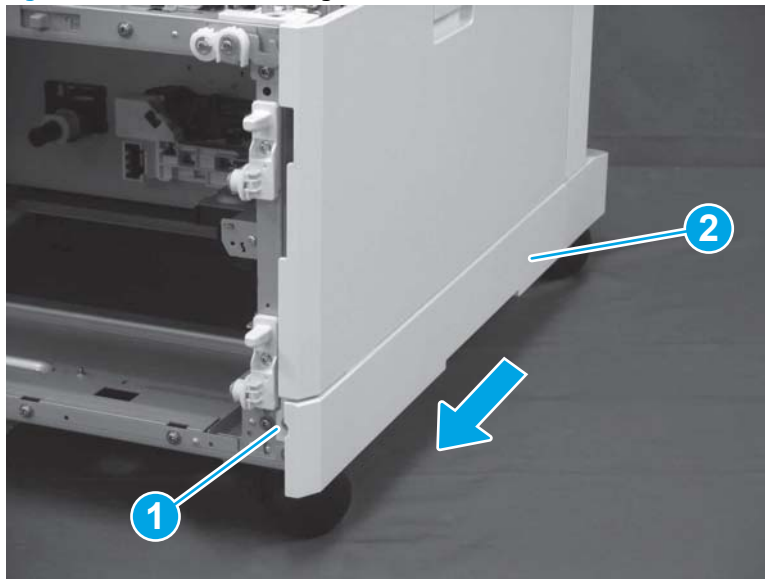
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

Figure 1-3310 Remove the tray



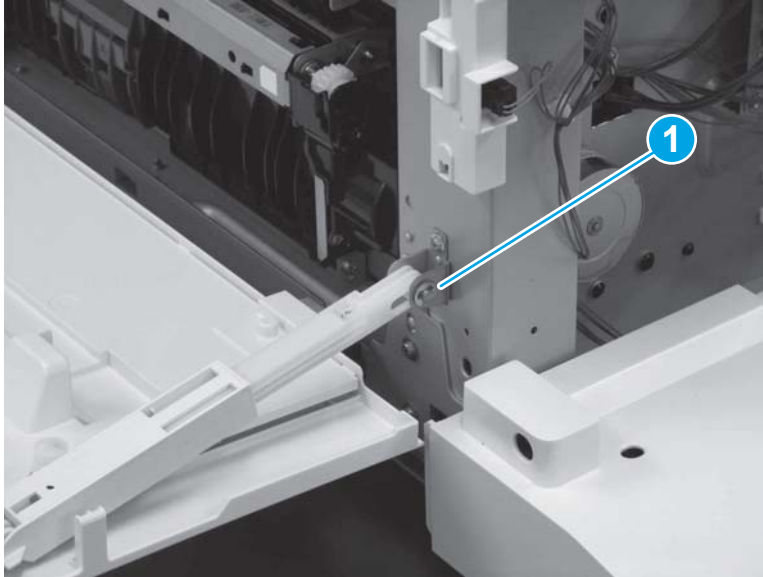
4. Remove the 2x550-sheet paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3311 Remove the right lower cover



5. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

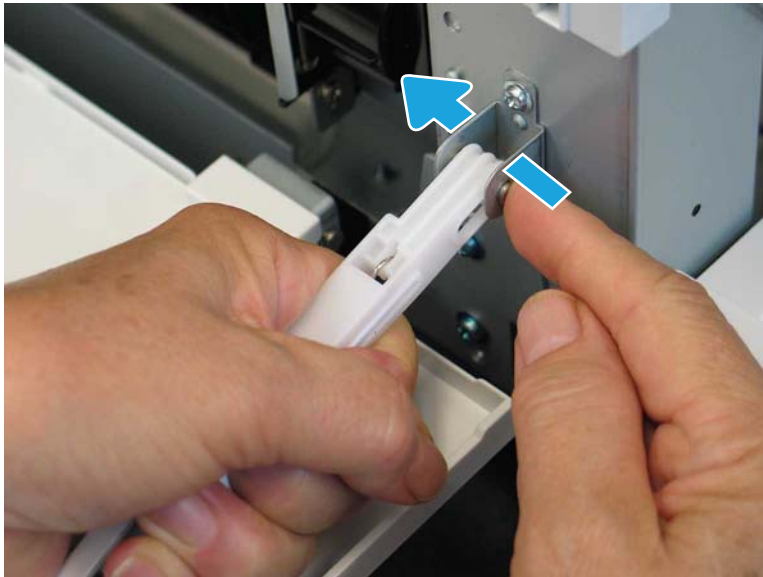
Figure 1-3312 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

**⚠ CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

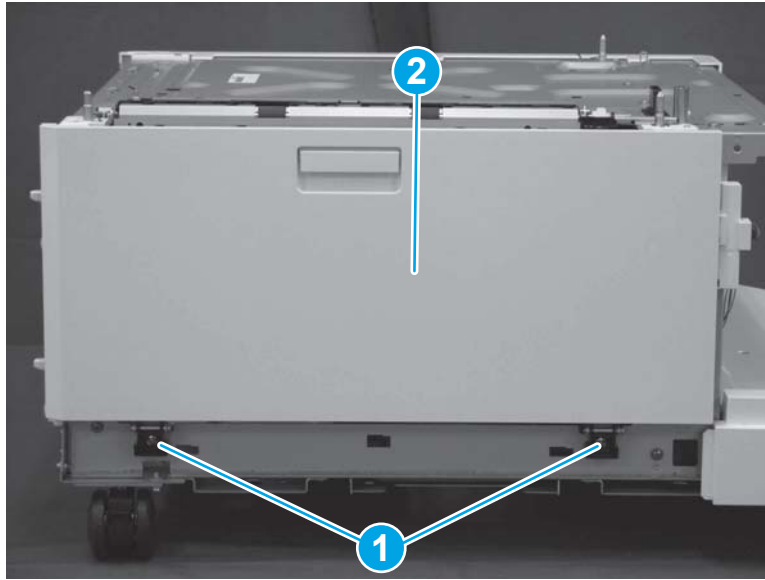
Figure 1-3313 Release the hinge arm



- c. Close the right door assembly.

- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

**Figure 1-3314** Remove two screws and the right door



6. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2x550-sheet paper tray and stand tray 1 pickup motor

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 1 pickup motor.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 1 pickup motor.](#)

Mean time to repair: 3 minutes

Service level: Easy

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-171** Part information

Part number	Part description
RK2-9410-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

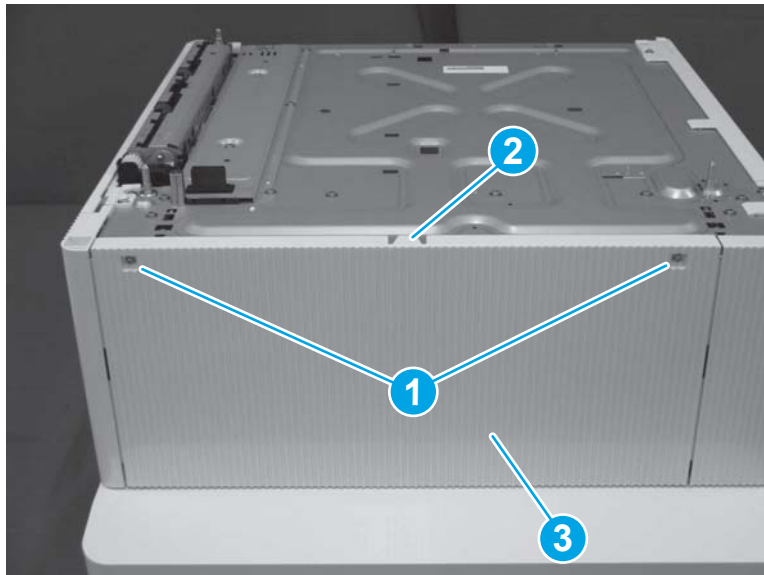
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

**Figure 1-3315** Remove the rear upper cover

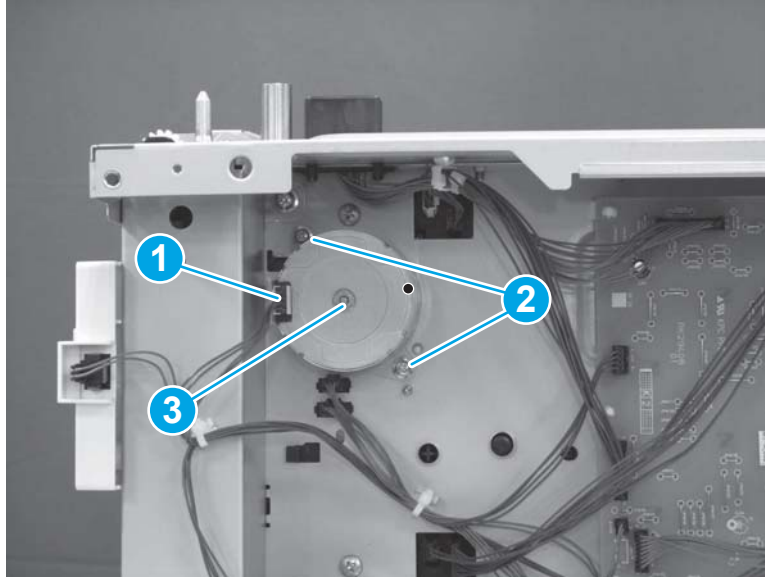


2. Remove the 2x550-sheet paper tray and stand tray 1 pickup motor.



- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3316 Remove the pickup motor



- 3. Unpack the replacement assembly.

- a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2x550-sheet paper tray and stand tray 1 pickup assembly

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 1 pickup assembly.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 1 pickup assembly.](#)

Mean time to repair: 18 minutes


Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

---

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-172** Part information

Part number	Part description
RM2-1717-000CN	Paper pickup assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

---

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

---

- a. Open the tray.

Figure 1-3317 Open the tray



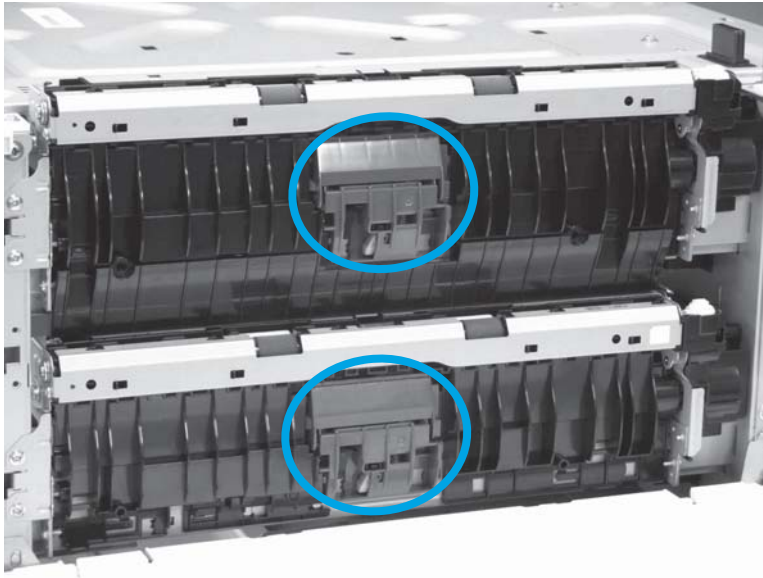
- b. Open the right door.

Figure 1-3318 Open the right door



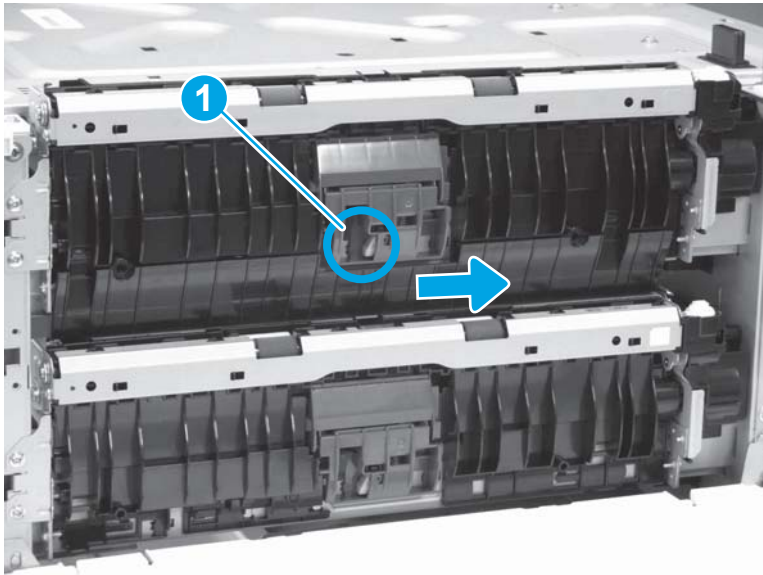
- c. Locate the separation roller.

Figure 1-3319 Locate the separation roller



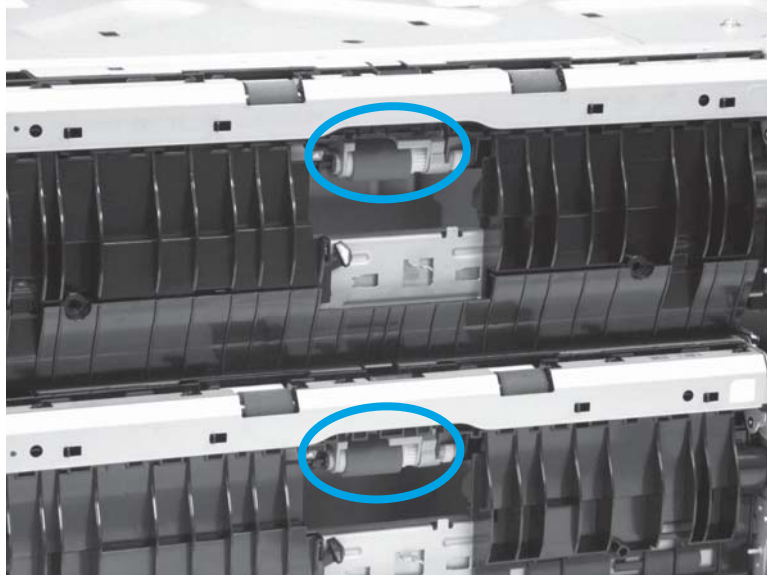
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3320 Remove the separation roller



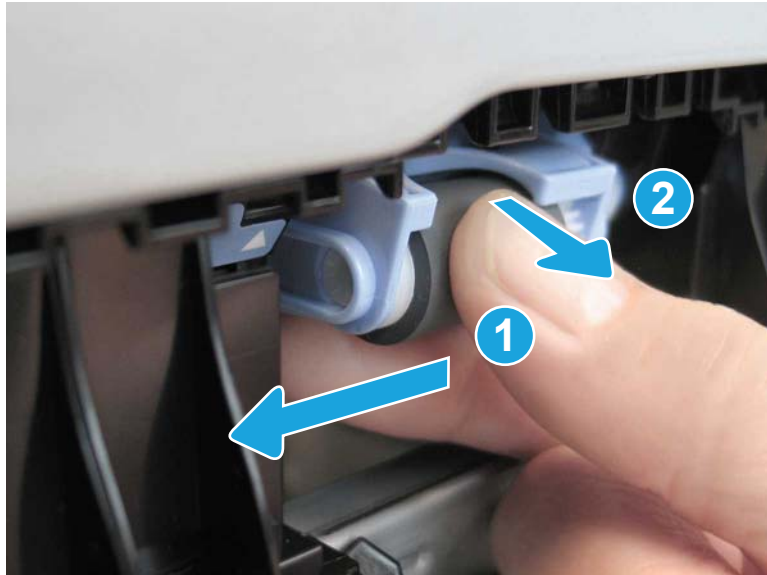
2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3321 Locate the pickup roller



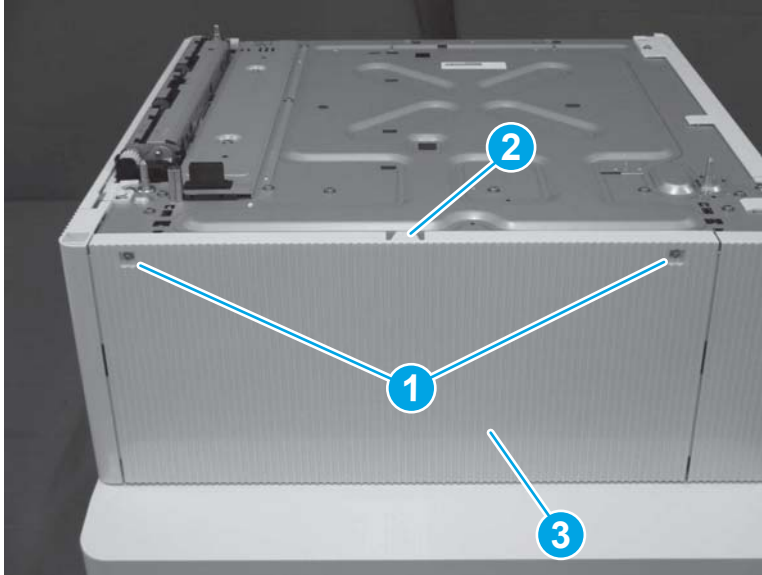
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3322 Remove the pickup roller



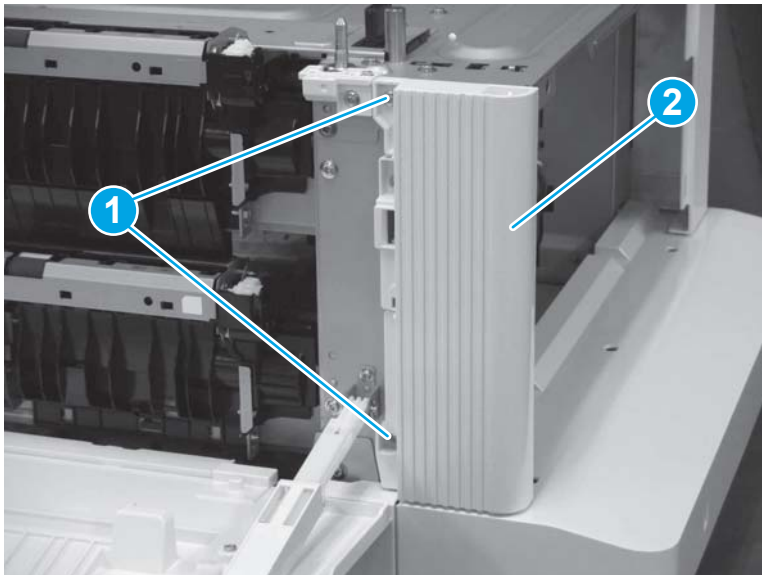
3. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3323 Remove the rear upper cover




4. Remove the 2x550-sheet paper tray and stand right rear cover.
  - a. Open the right door.
  - b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3324 Remove the right rear cover

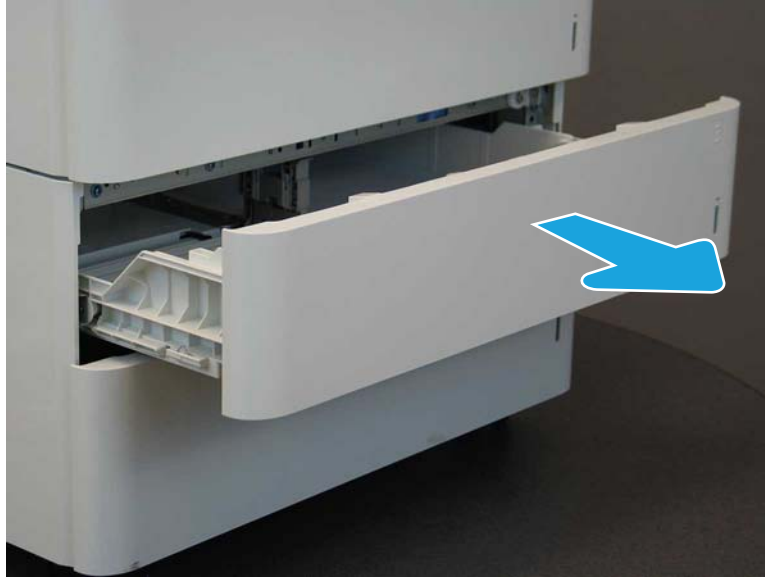


5. Remove both of the 2x550-sheet paper tray and stand trays.

 **NOTE:** The upper tray is shown in the steps below. Follow the same procedure to remove the lower tray.

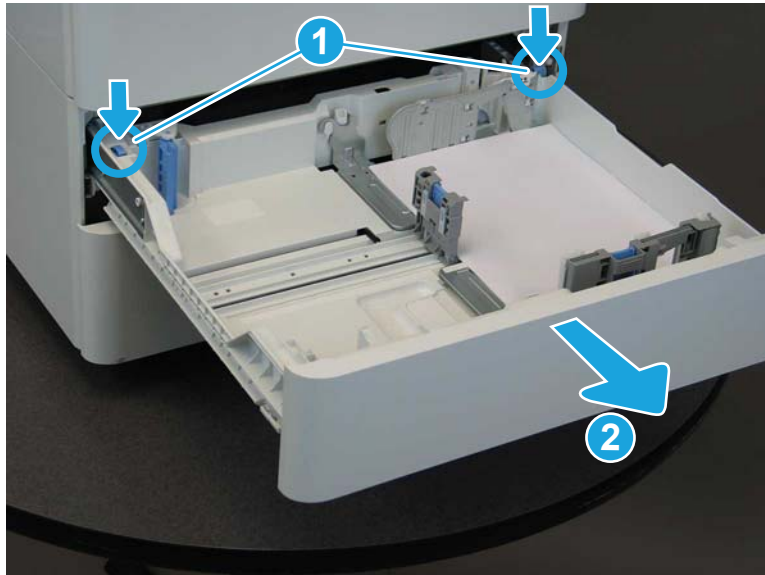
- a. Pull the tray away from the printer until it stops.

Figure 1-3325 Pull the tray out



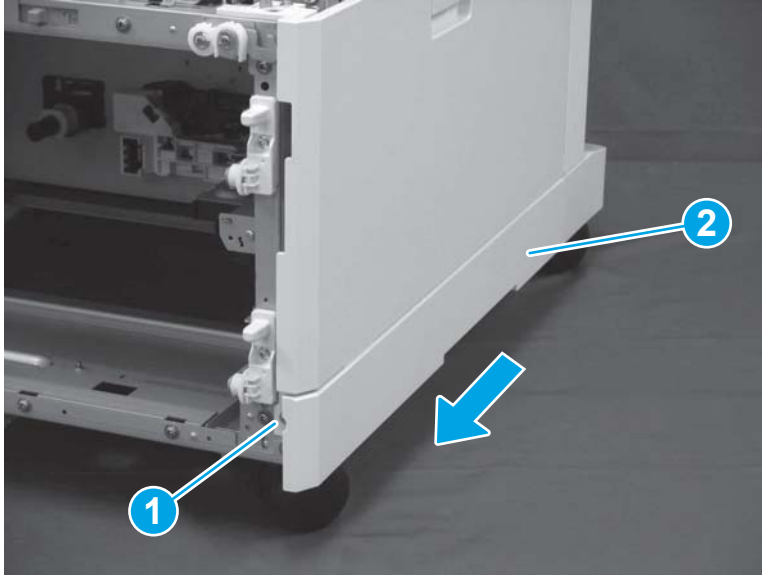
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

Figure 1-3326 Remove the tray



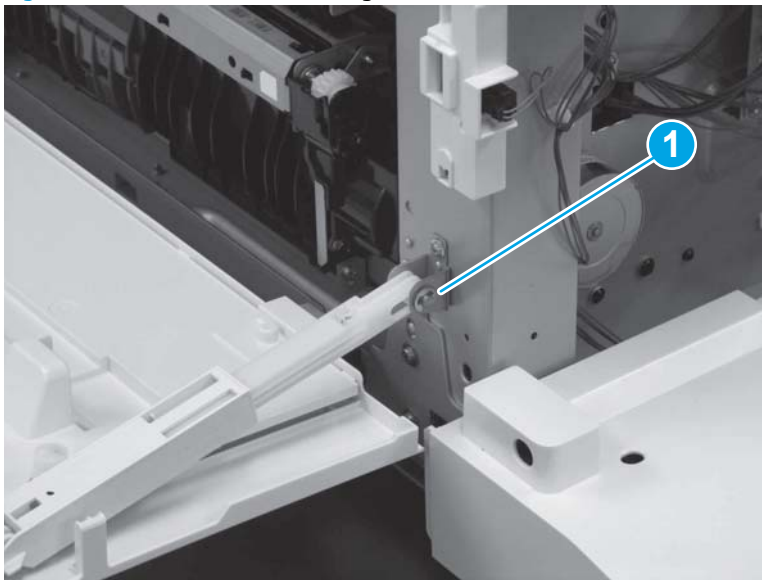
6. Remove the 2x550-sheet paper tray and stand right lower cover.
- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3327 Remove the right lower cover



7. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

Figure 1-3328 Remove one E-ring

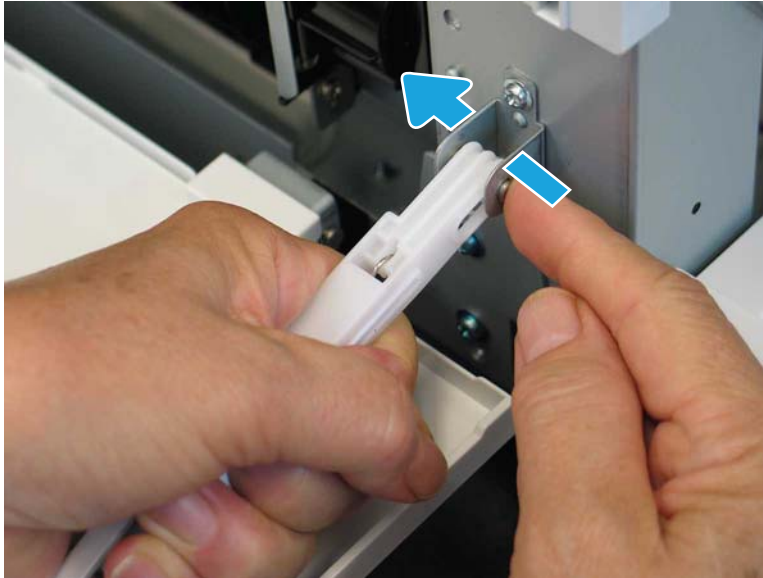




- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

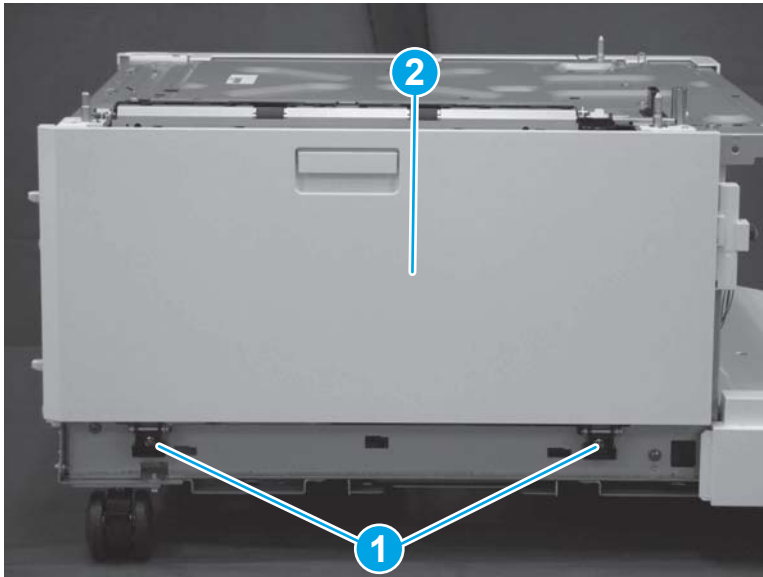
**⚠ CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

Figure 1-3329 Release the hinge arm



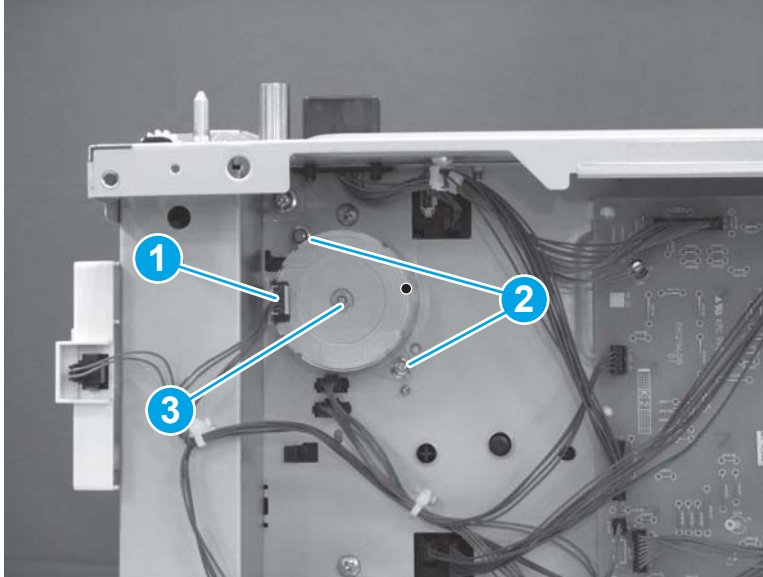
- c. Close the right door assembly.
- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

Figure 1-3330 Remove two screws and the right door



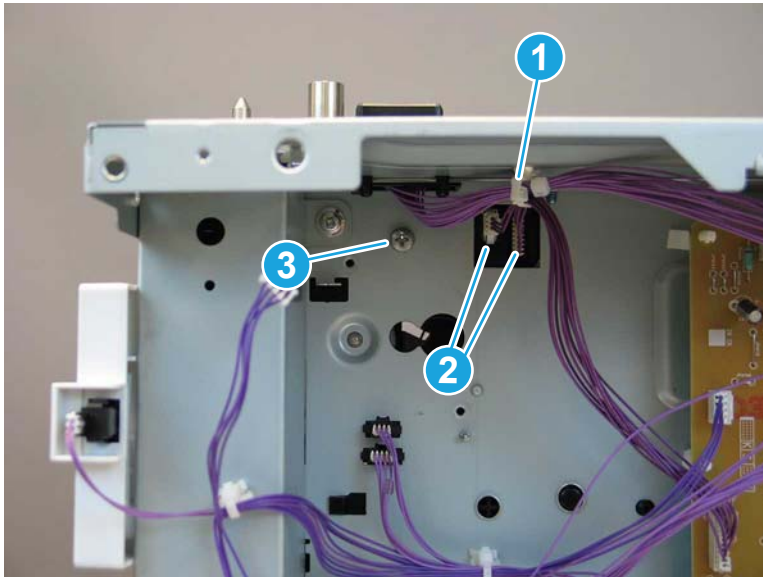
- 8. Remove the 2x550-sheet paper tray and stand tray 1 pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3331 Remove the pickup motor



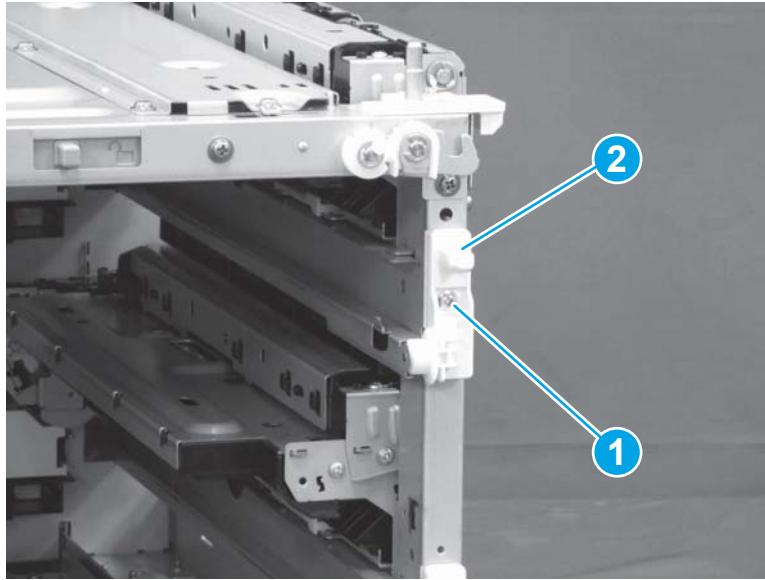
9. Remove the 2x550-sheet paper tray and stand tray 1 pickup assembly.
  - a. Release one retainer (callout 1). Disconnect two connectors (callout 2), and then remove one screw (callout 3).

Figure 1-3332 Disconnect two connectors and remove two screws



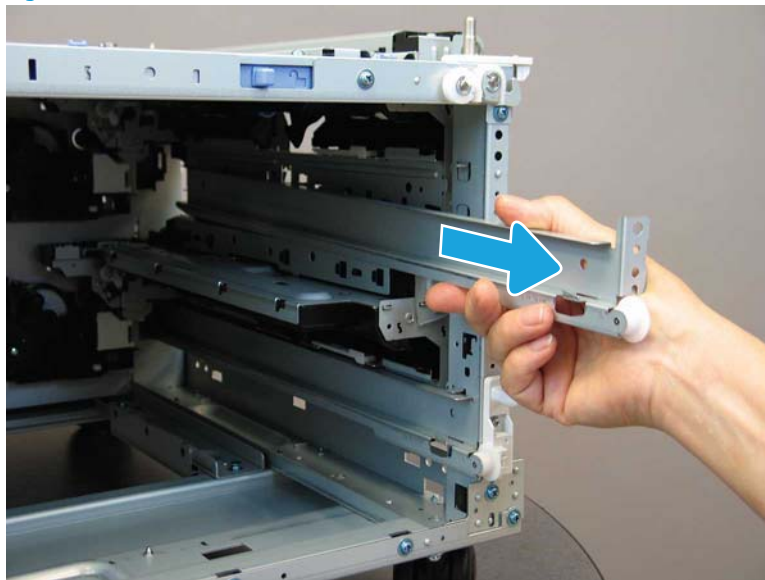
- b. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3333 Remove the cover



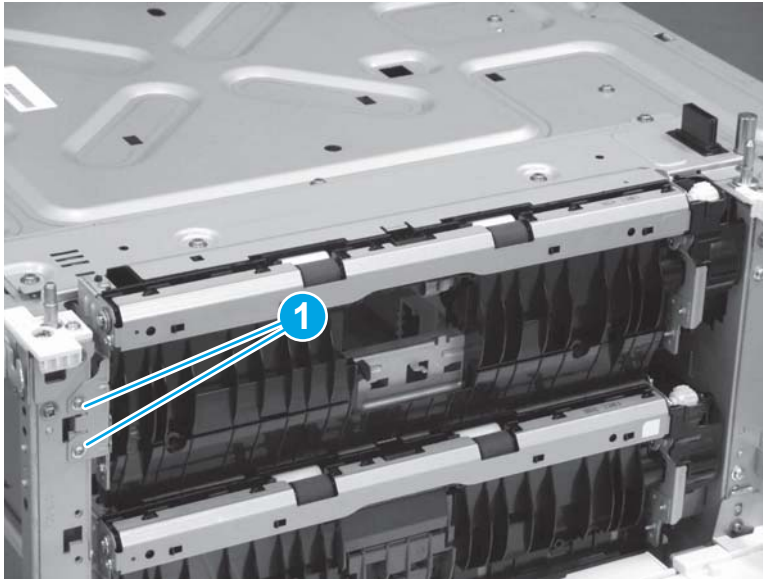
- c. Remove the cassette rail.

Figure 1-3334 Remove the cassette rail



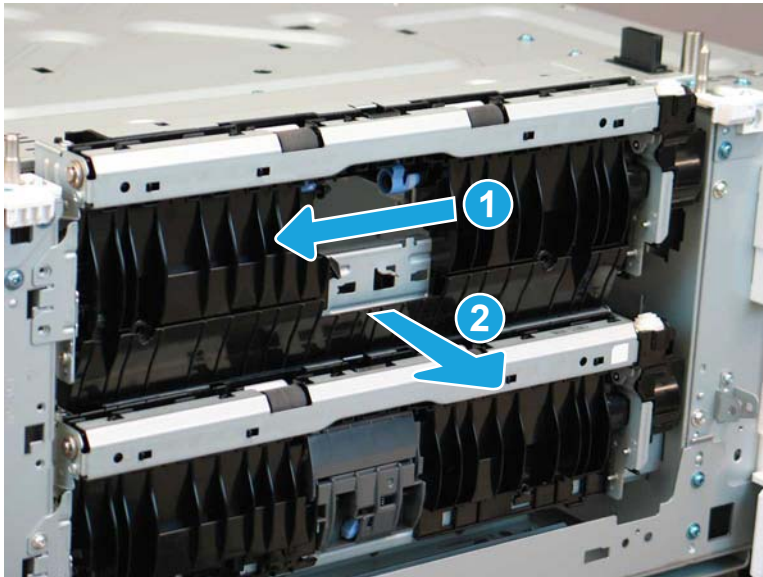
- d. Remove two screws (callout 1).

Figure 1-3335 Remove two screws



- e. Slide the pickup assembly toward the front of the feeder (callout 1), and then slide it away from the feeder (callout 2) to remove it.

Figure 1-3336 Remove the pickup assembly




10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: 2x550-sheet paper tray and stand tray 2 pickup motor

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 2 pickup motor.

 [View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 2 pickup motor.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-173** Part information

Part number	Part description
RK2-9410-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

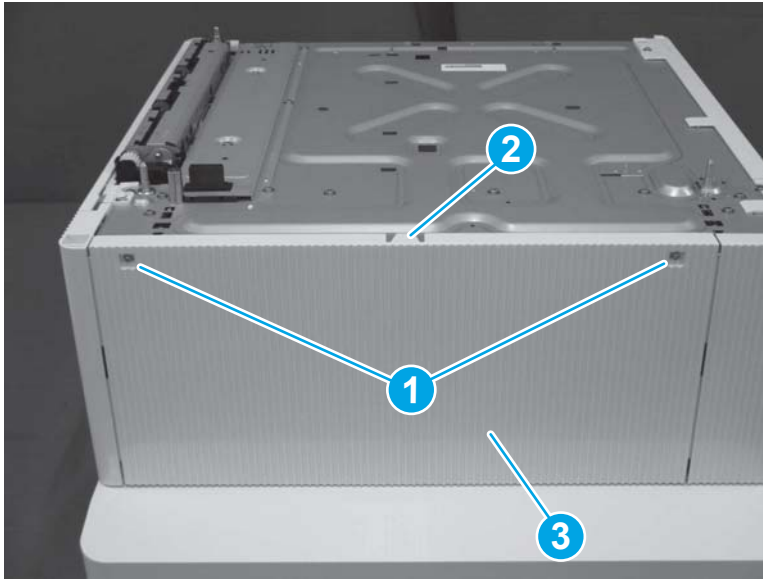
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

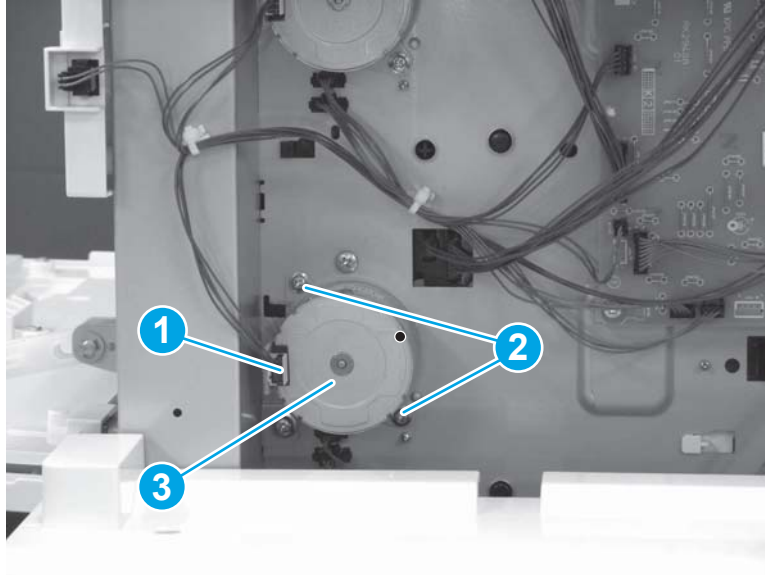
1. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

**Figure 1-3337** Remove the rear upper cover



2. Remove the 2x550-sheet paper tray and stand tray 2 pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3338 Remove the pickup motor



3. Unpack the replacement assembly.

a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2x550-sheet paper tray and stand tray 2 pickup assembly

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 2 pickup assembly.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 2 pickup assembly.](#)


Mean time to repair: 18 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-174 Part information

Part number	Part description
RM2-1717-000CN	Paper pickup assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

- a. Open the tray.

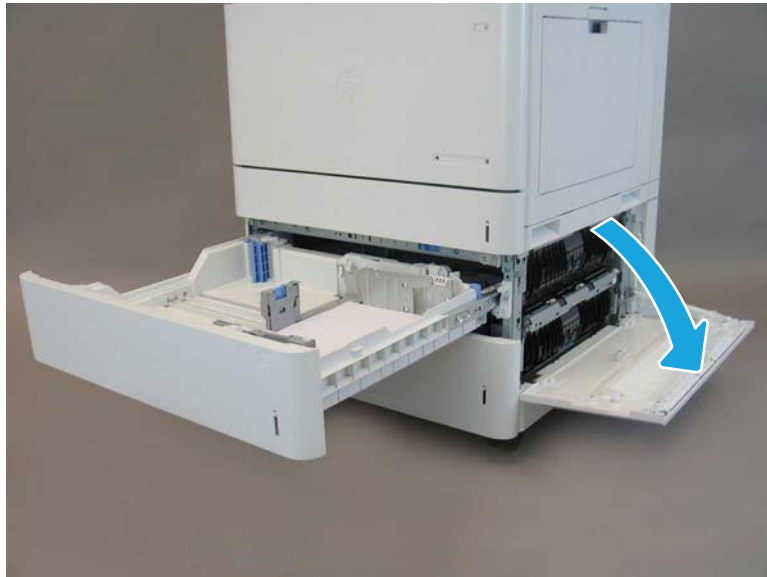


Figure 1-3339 Open the tray



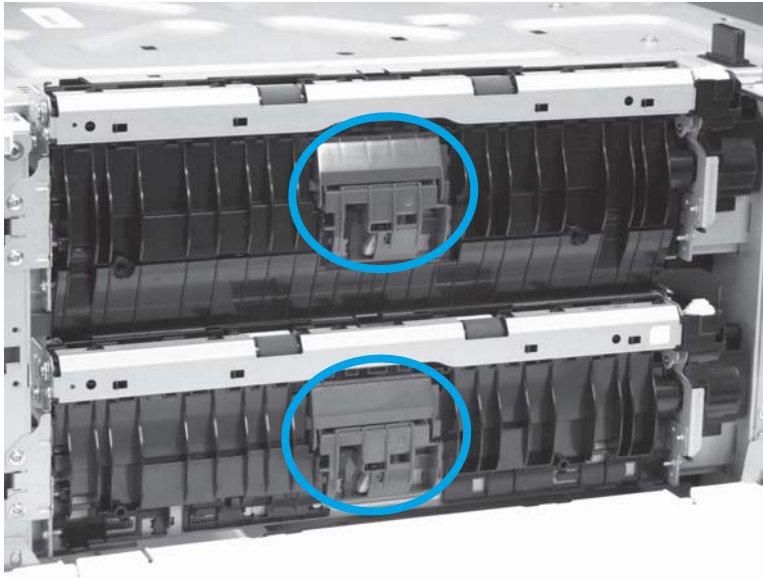
- b. Open the right door.

Figure 1-3340 Open the right door



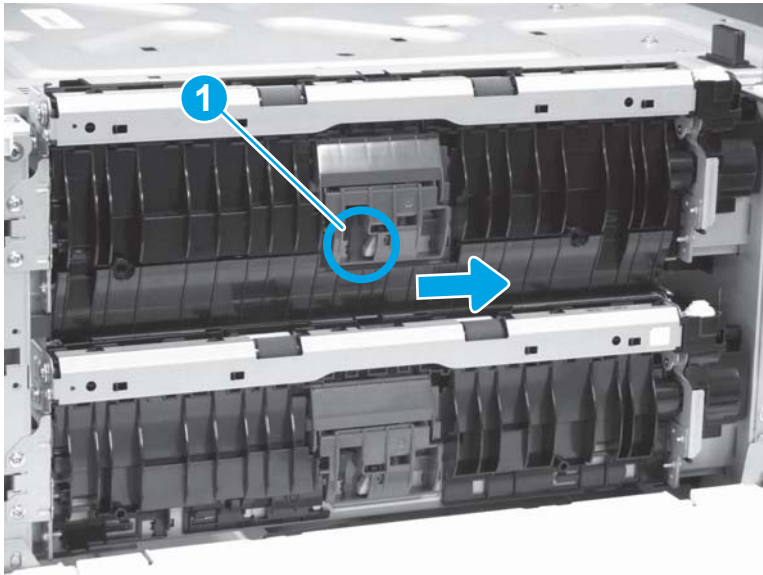
- c. Locate the separation roller.

Figure 1-3341 Locate the separation roller



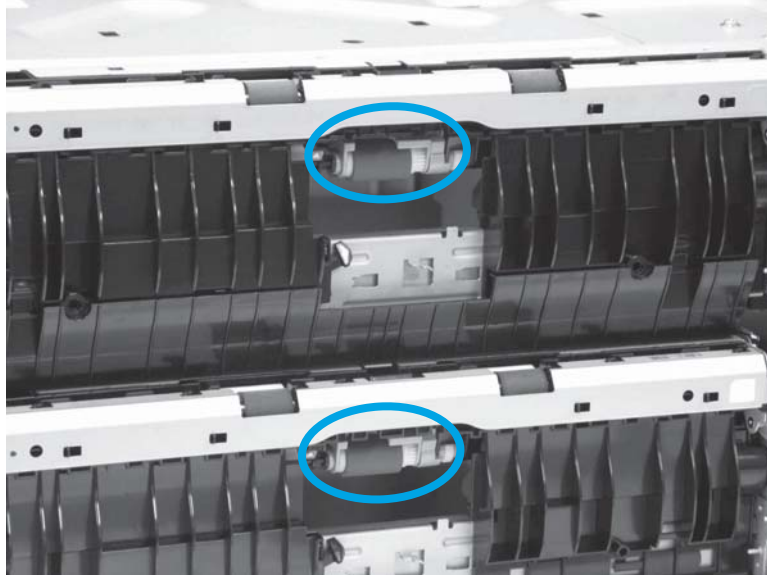
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3342 Remove the separation roller



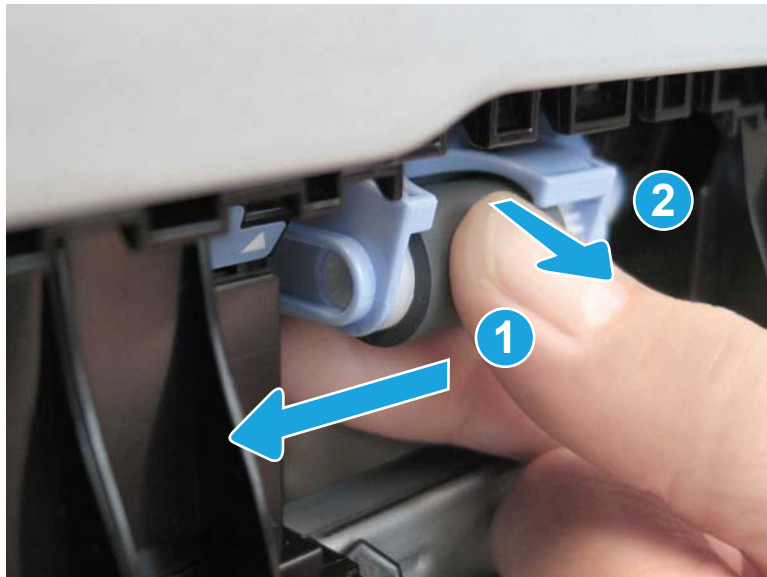
2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3343 Locate the pickup roller



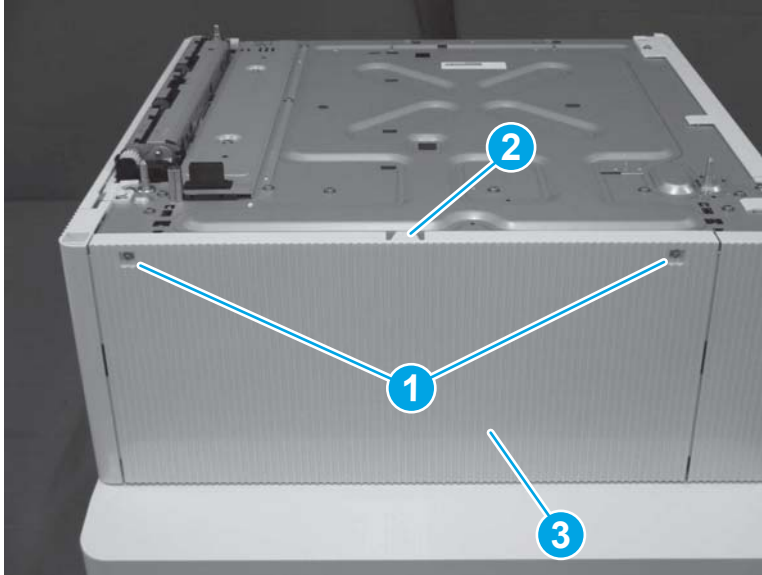
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3344 Remove the pickup roller



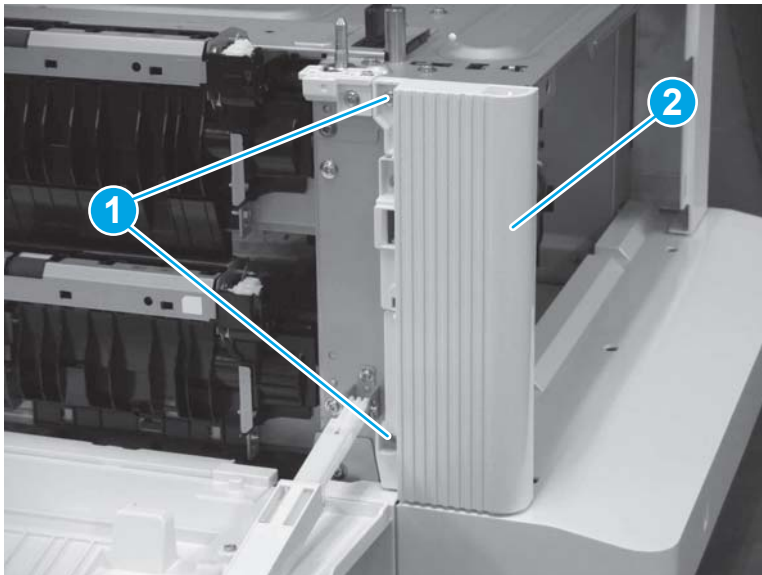
3. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3345 Remove the rear upper cover




4. Remove the 2x550-sheet paper tray and stand right rear cover.
  - a. Open the right door.
  - b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3346 Remove the right rear cover

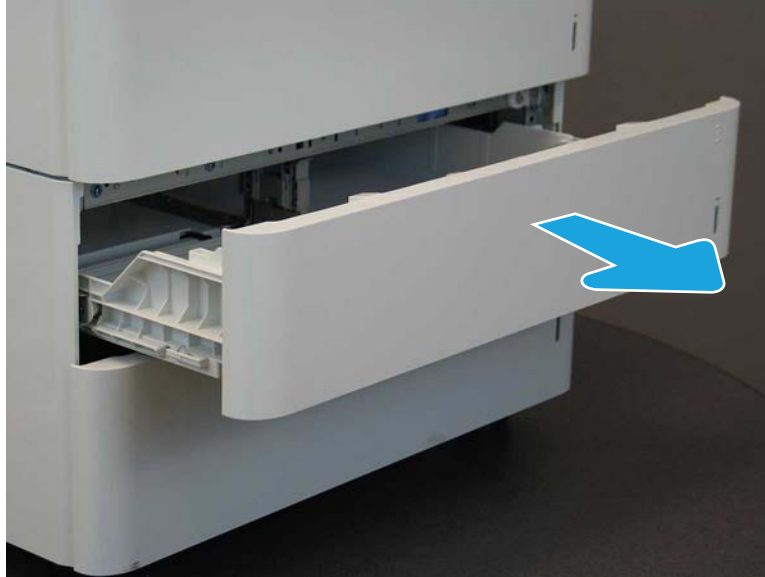


5. Remove both of the 2x550-sheet paper tray and stand trays.

 **NOTE:** The upper tray is shown in the steps below. Follow the same procedure to remove the lower tray.

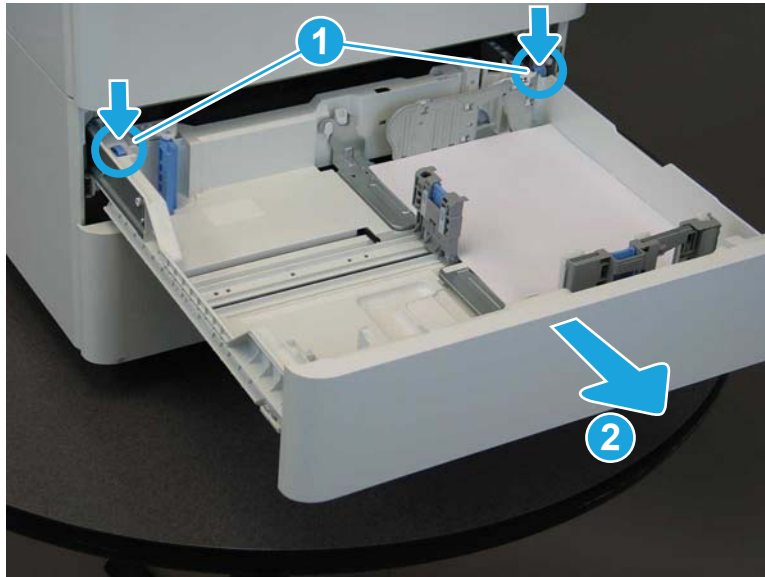
- a. Pull the tray away from the printer until it stops.

Figure 1-3347 Pull the tray out



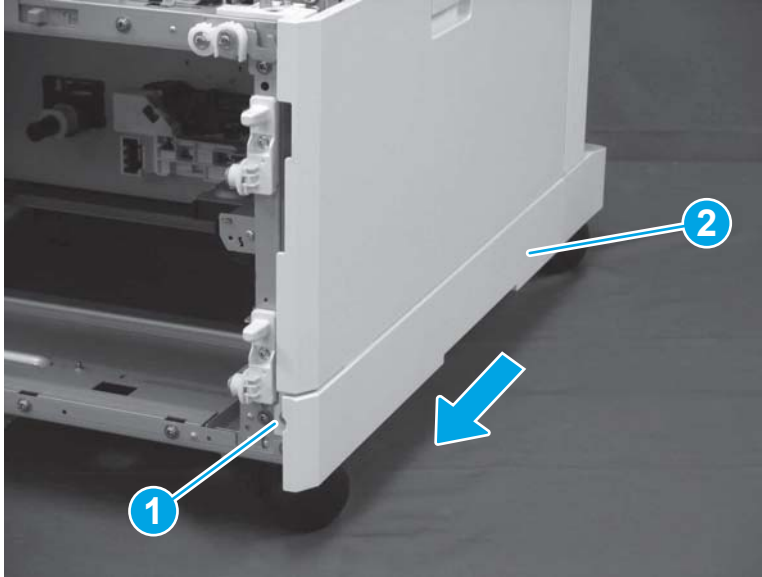
- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

Figure 1-3348 Remove the tray



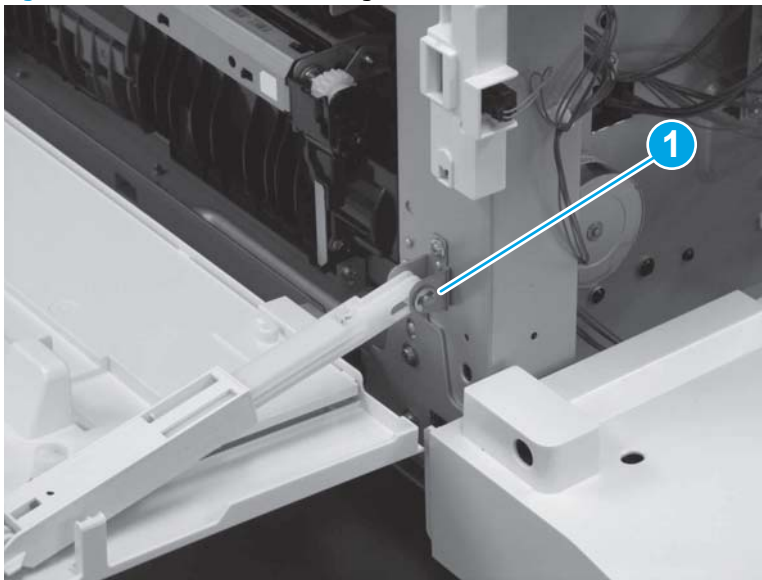
6. Remove the 2x550-sheet paper tray and stand right lower cover.
- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3349 Remove the right lower cover



7. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

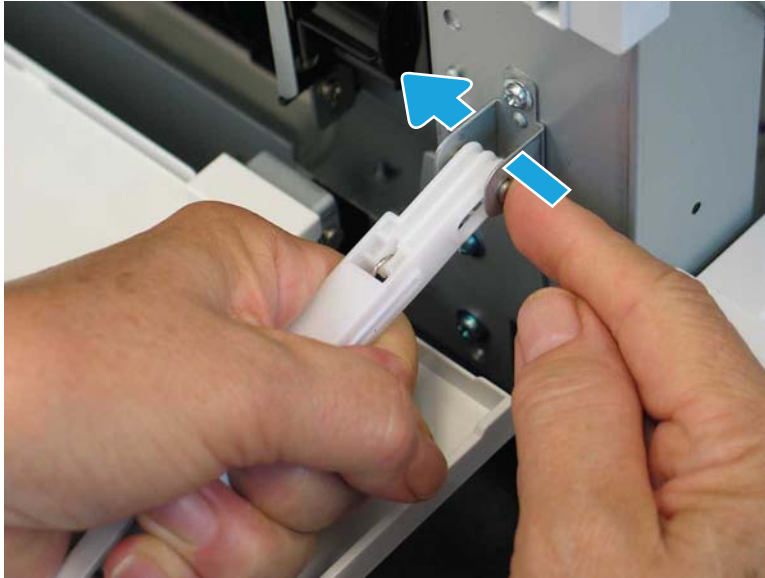
Figure 1-3350 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

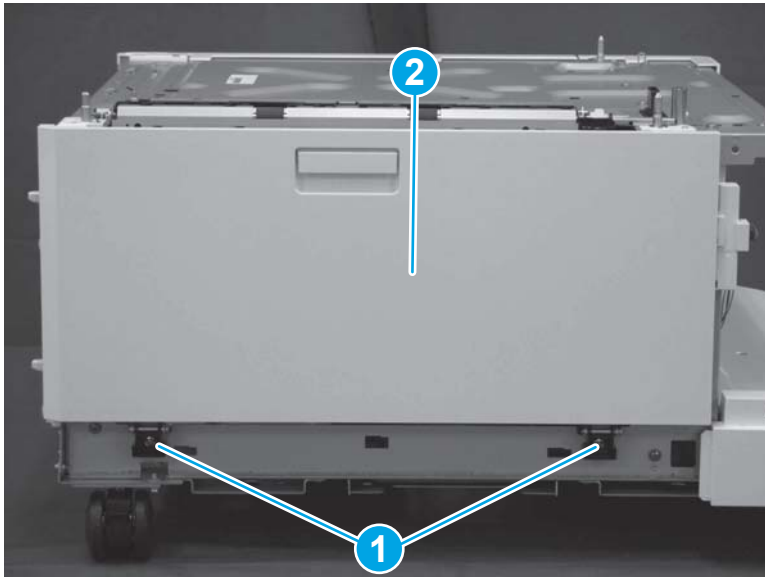
**⚠ CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

**Figure 1-3351** Release the hinge arm



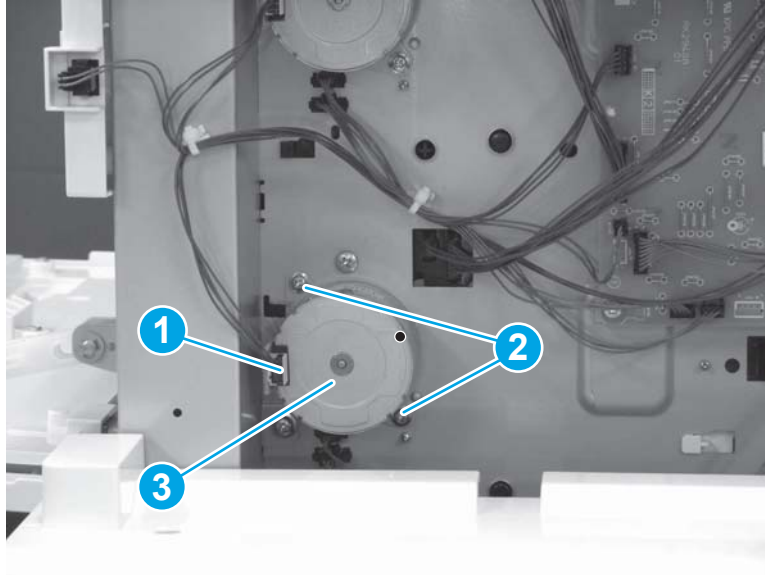
- c. Close the right door assembly.
- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

**Figure 1-3352** Remove two screws and the right door



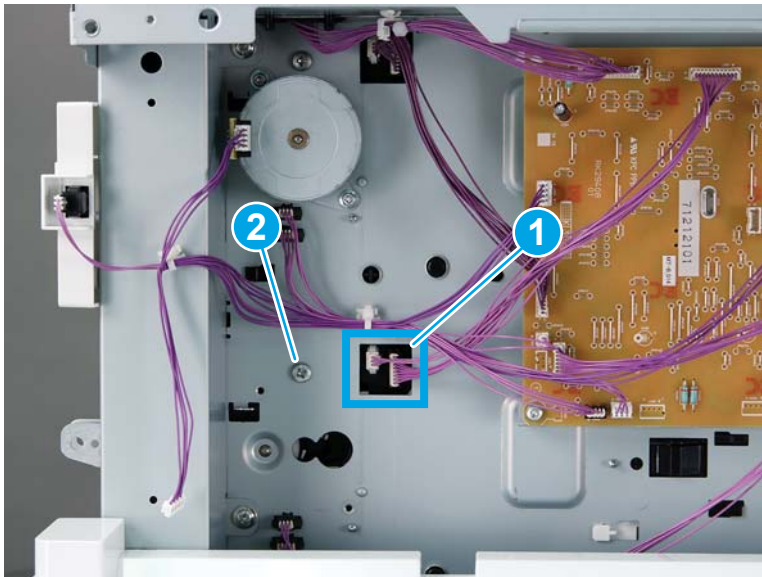
- 8. Remove the 2x550-sheet paper tray and stand tray 2 pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3353 Remove the pickup motor



9. Remove the 2x550-sheet paper tray and stand tray 2 pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

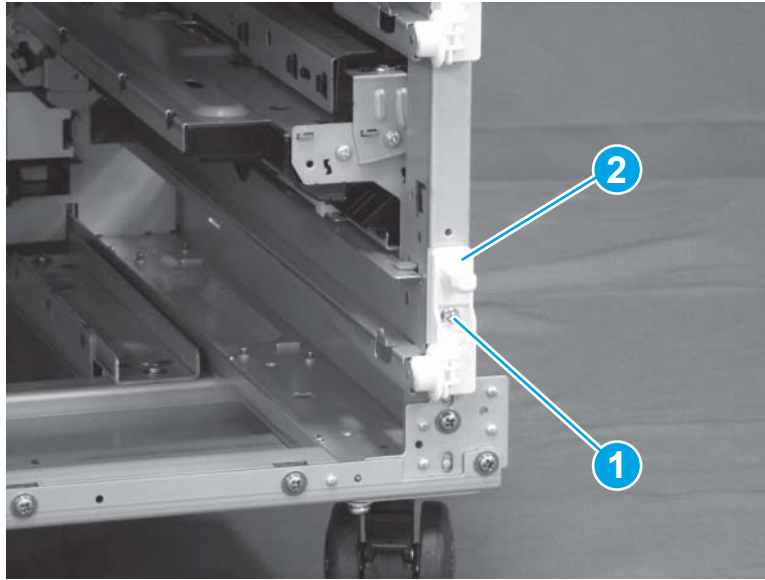
Figure 1-3354 Disconnect two connectors and remove one screw





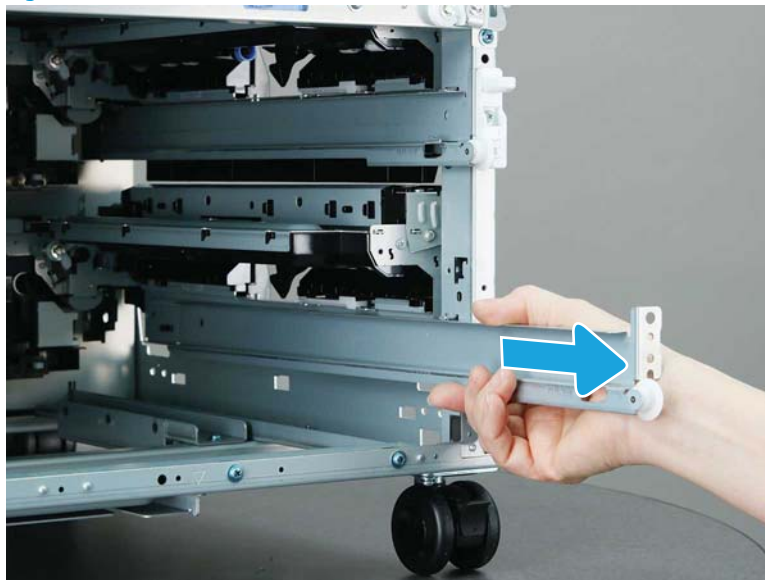
- b. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3355 Remove the cover



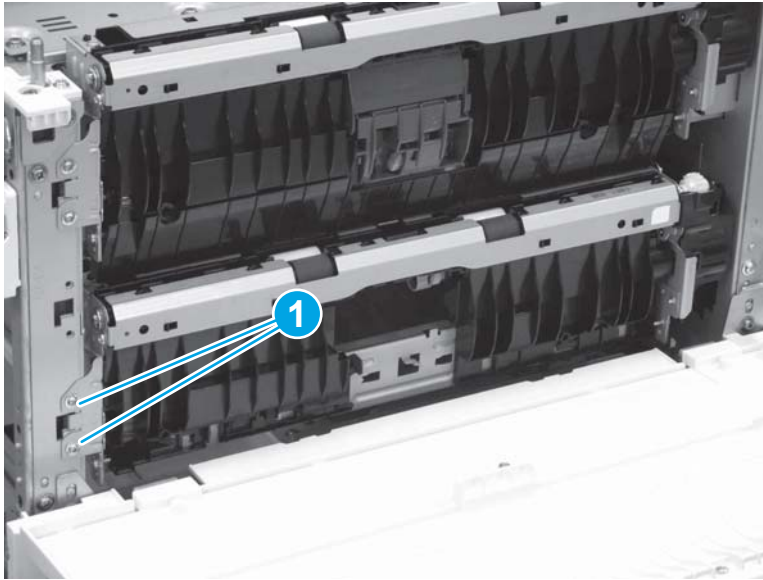
- c. Remove the cassette rail.

Figure 1-3356 Remove the rail



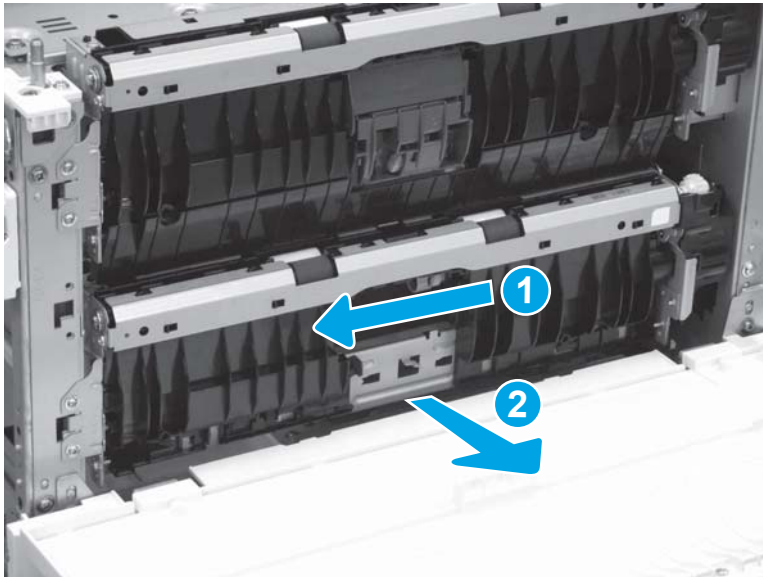
- d. Remove two screws (callout 1).

Figure 1-3357 Remove two screws



- e. Slide the pickup assembly toward the front of the feeder (callout 1), and then slide it away from the feeder (callout 2) to remove it.

Figure 1-3358 Remove the pickup assembly



- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: 2x550-sheet paper tray and stand tray 1 lifter drive

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 1 lifter drive.



[View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 1 lifter drive.](#)


Mean time to repair: 18 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-175** Part information

Part number	Part description
RM2-1704-000CN	Lifter drive assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

- a. Open the tray.

**Figure 1-3359** Open the tray



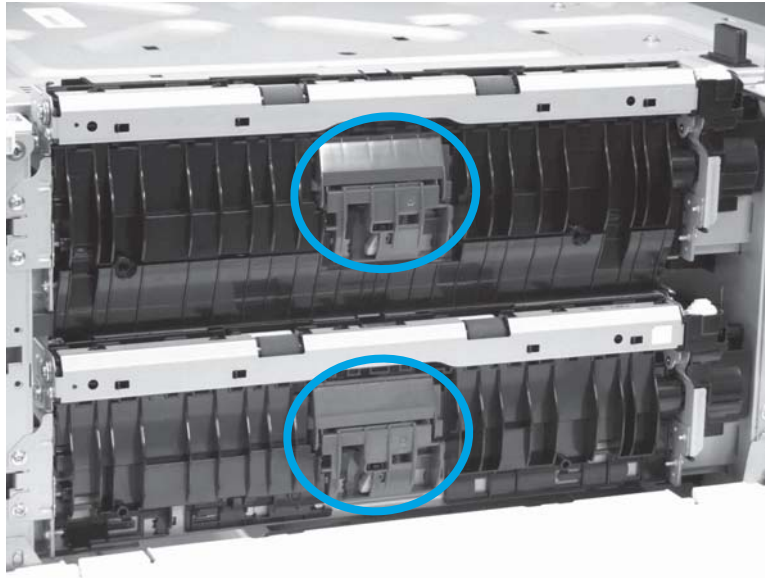
- b. Open the right door.

**Figure 1-3360** Open the right door



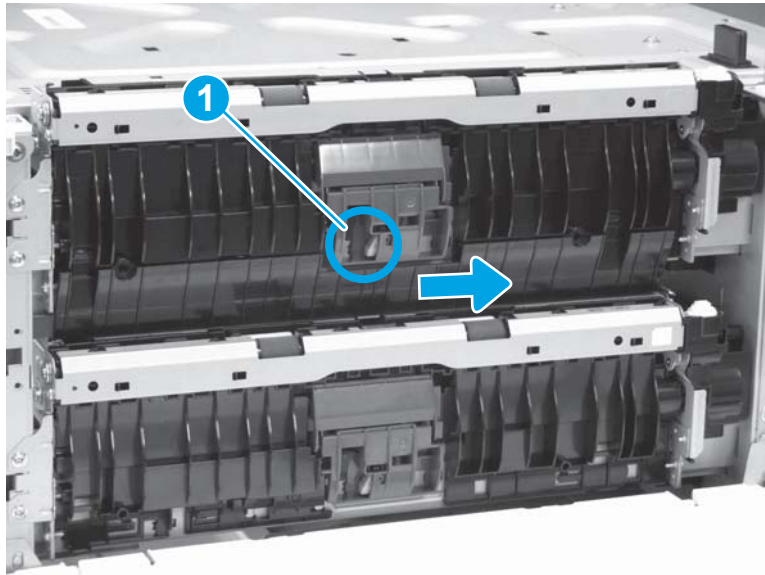
- c. Locate the separation roller.

**Figure 1-3361** Locate the separation roller



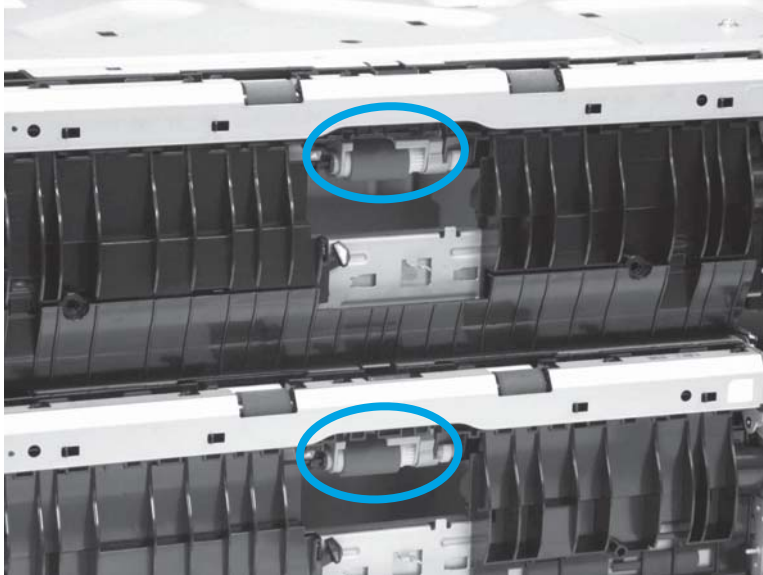
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

**Figure 1-3362** Remove the separation roller



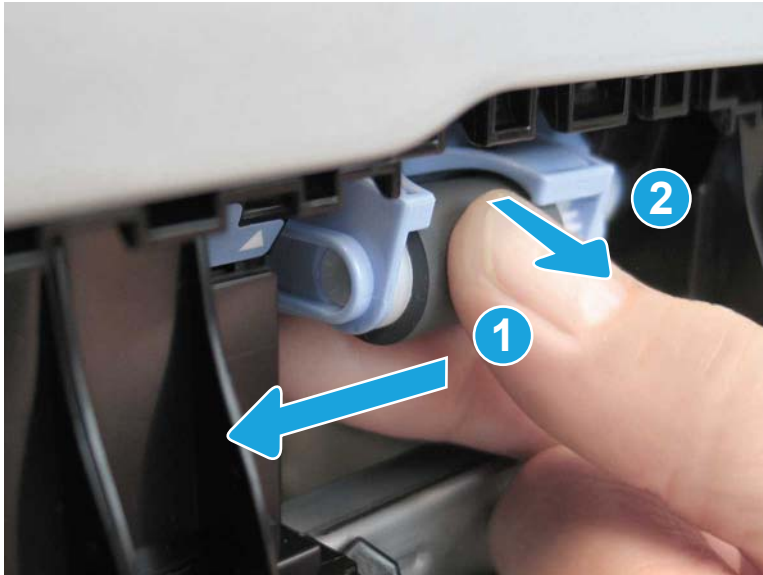
- 2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3363 Locate the pickup roller



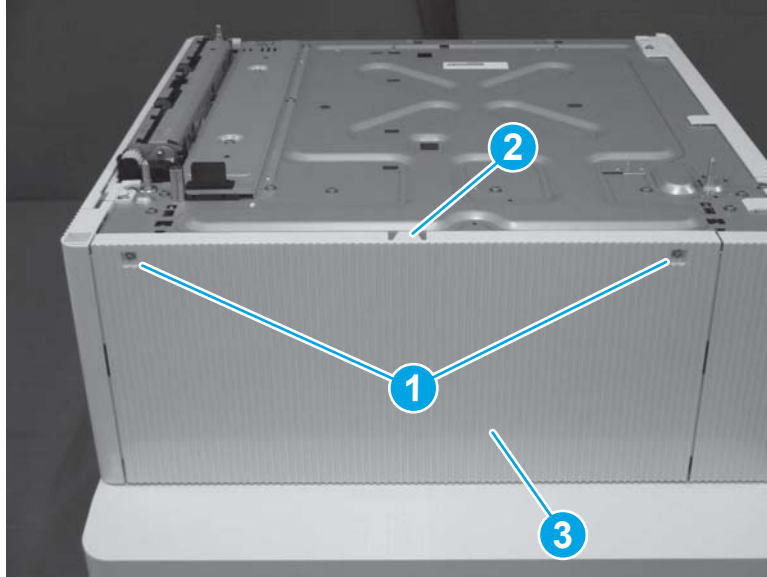
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3364 Remove the pickup roller



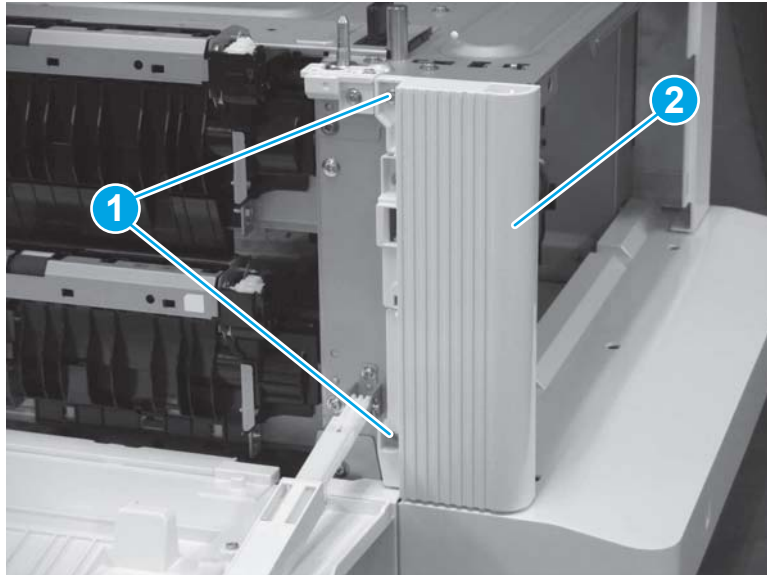
3. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3365 Remove the rear upper cover




4. Remove the 2x550-sheet paper tray and stand right rear cover.
  - a. Open the right door.
  - b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3366 Remove the right rear cover

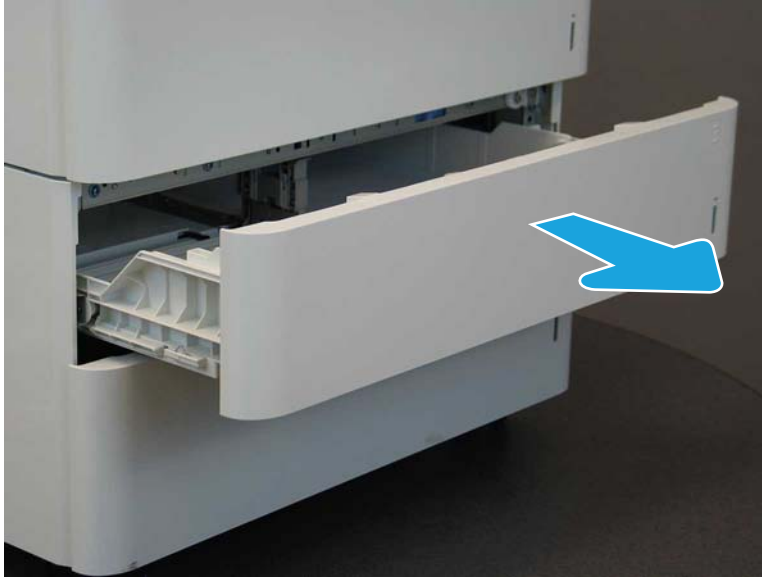


5. Remove both of the 2x550-sheet paper tray and stand trays.

 **NOTE:** The upper tray is shown in the steps below. Follow the same procedure to remove the lower tray.

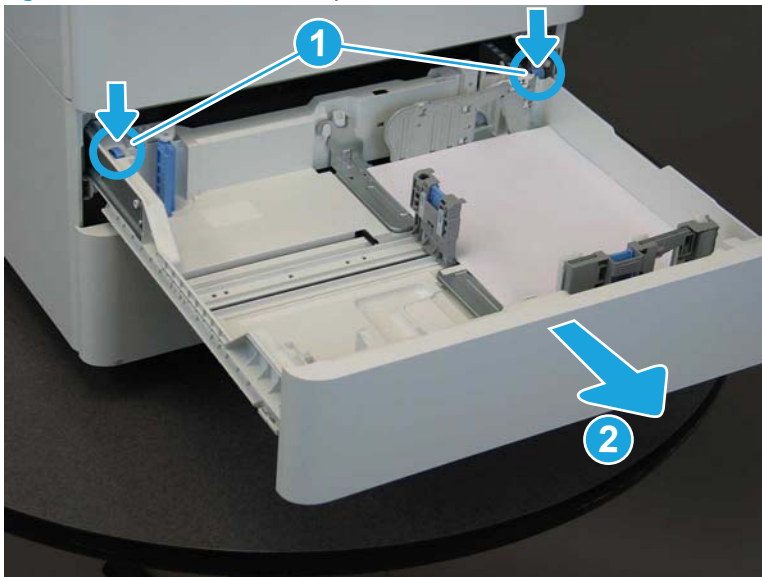
- a. Pull the tray away from the printer until it stops.

Figure 1-3367 Pull the tray out



- b. Push down to release two tabs (callout 1), and then remove the tray (callout 2).

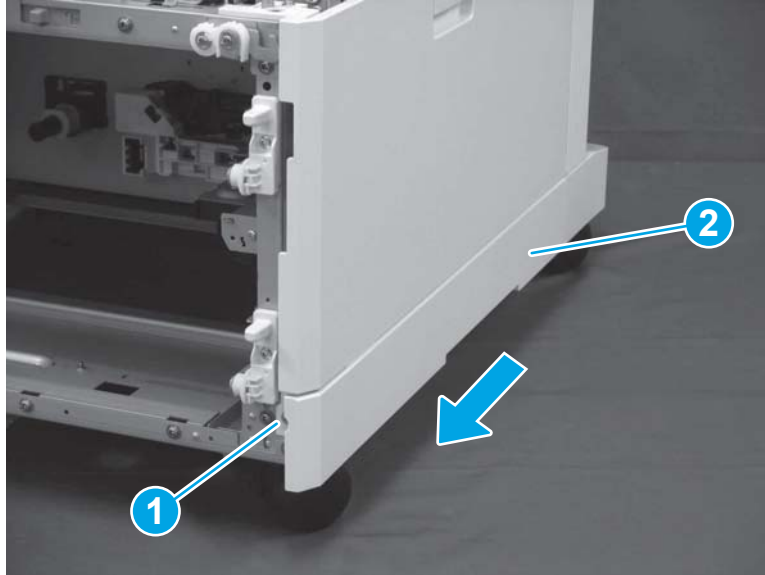
Figure 1-3368 Remove the tray



6. Remove the 2x550-sheet paper tray and stand right lower cover.
- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

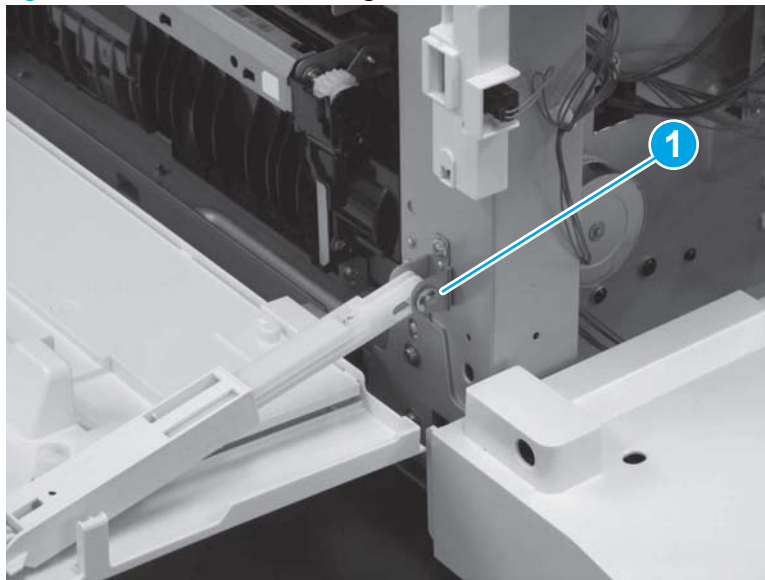


Figure 1-3369 Remove the right lower cover



7. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

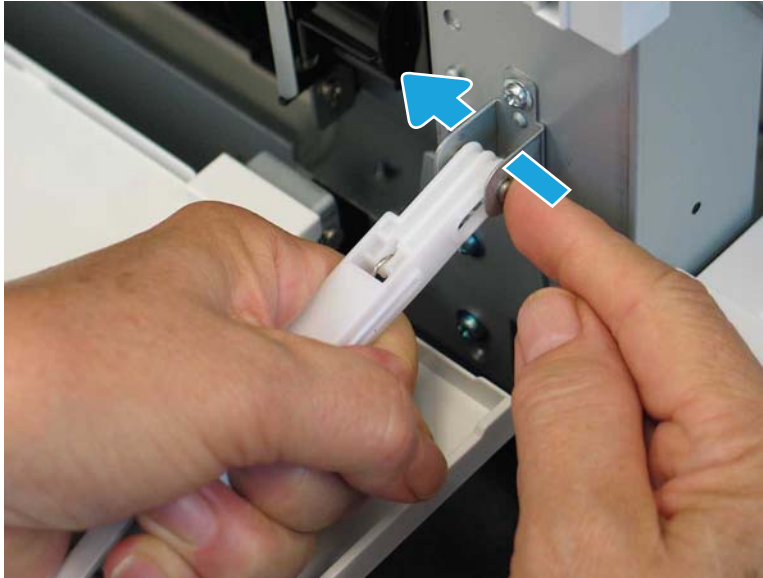
Figure 1-3370 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

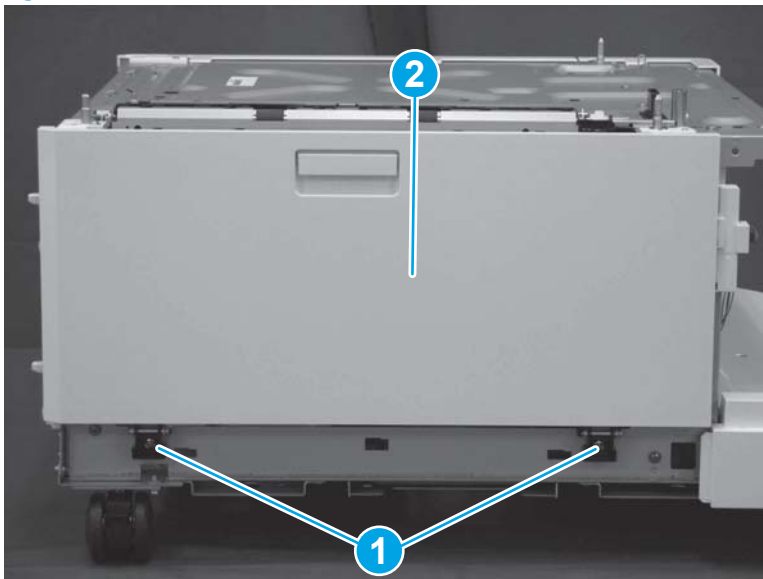
**CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

Figure 1-3371 Release the hinge arm



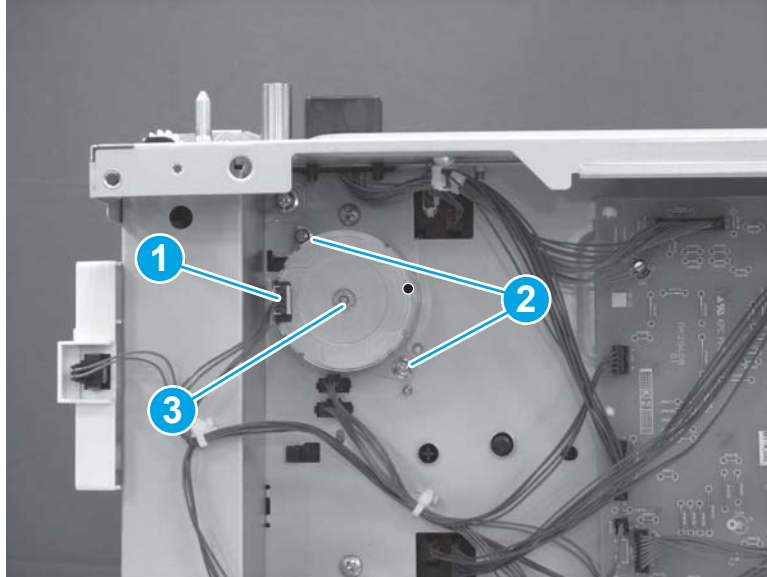
- c. Close the right door assembly.
- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

Figure 1-3372 Remove two screws and the right door



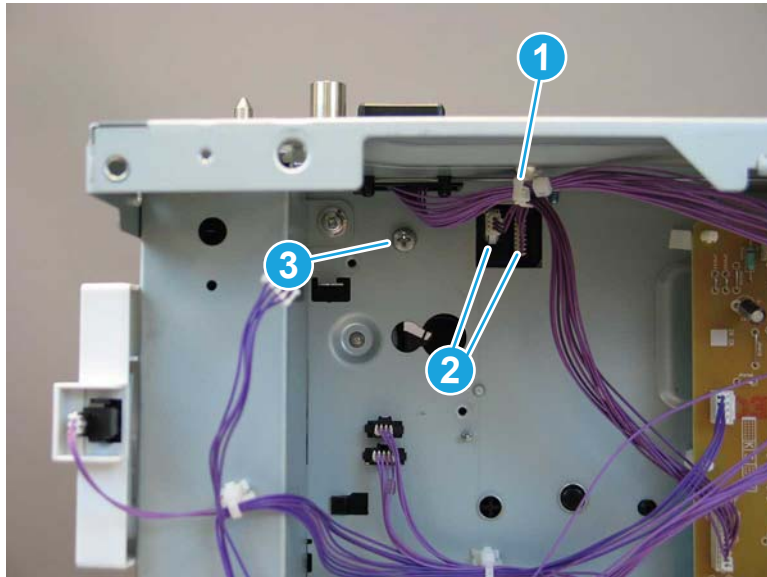
8. Remove the 2x550-sheet paper tray and stand tray 1 pickup motor.
- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3373 Remove the pickup motor



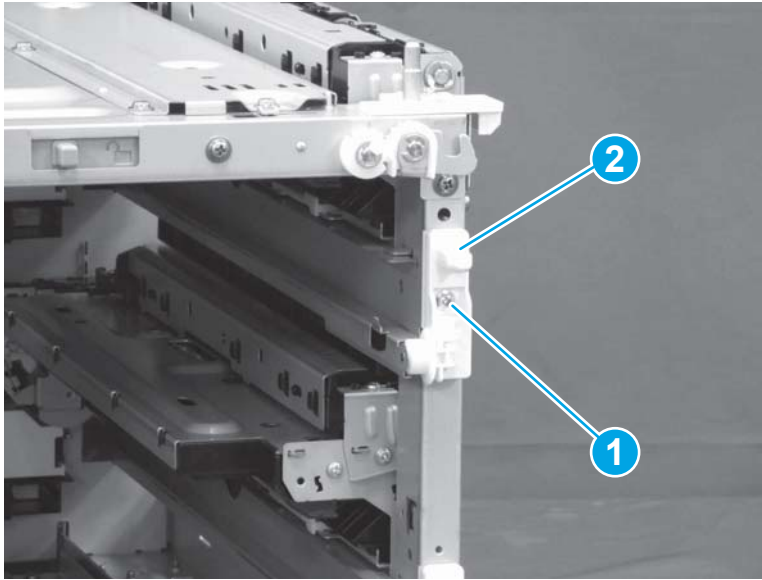
9. Remove the 2x550-sheet paper tray and stand tray 1 pickup assembly.
  - a. Release one retainer (callout 1). Disconnect two connectors (callout 2), and then remove one screw (callout 3).

Figure 1-3374 Disconnect two connectors and remove two screws



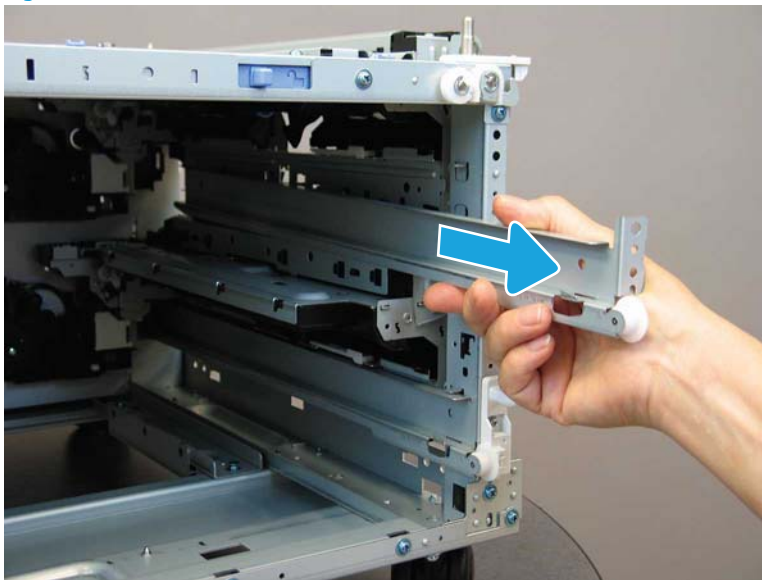
- b. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3375 Remove the cover



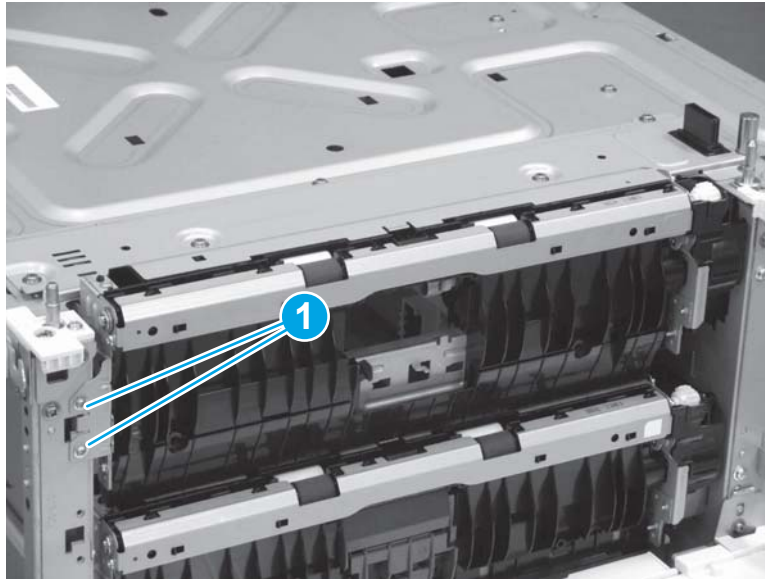
- c. Remove the cassette rail.

Figure 1-3376 Remove the cassette rail



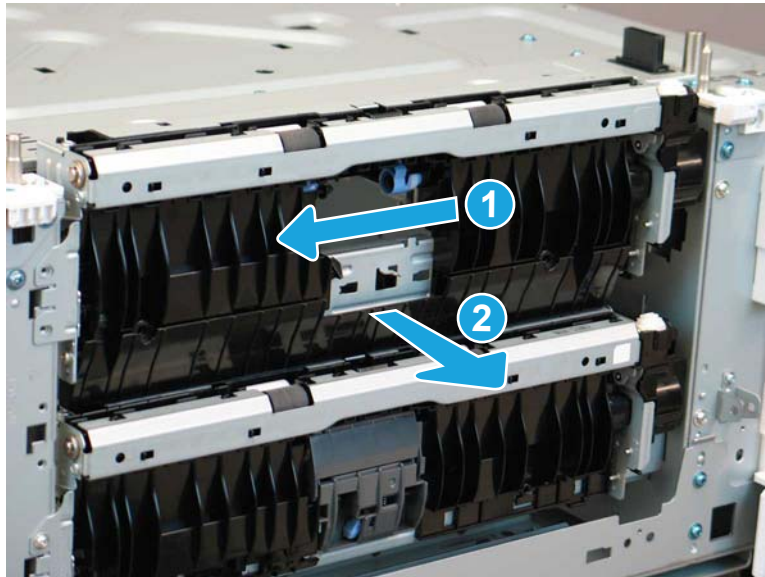
- d. Remove two screws (callout 1).

Figure 1-3377 Remove two screws



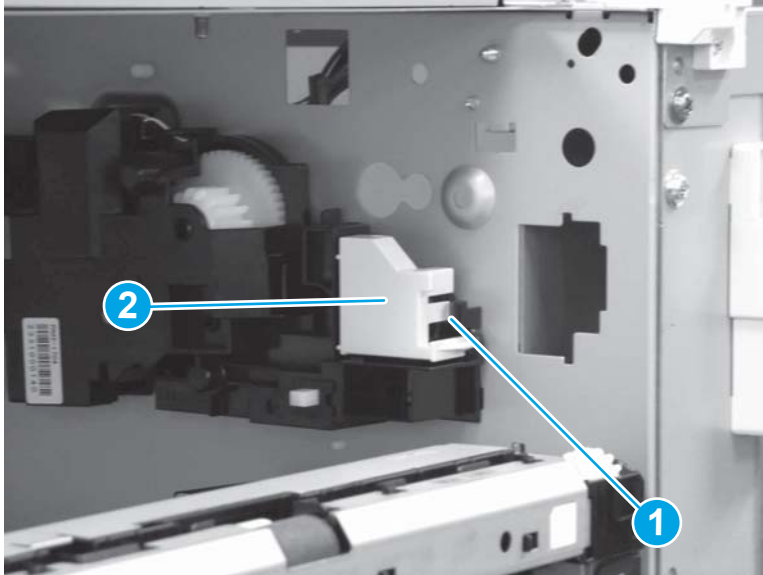
- e. Slide the pickup assembly toward the front of the feeder (callout 1), and then slide it away from the feeder (callout 2) to remove it.

Figure 1-3378 Remove the pickup assembly



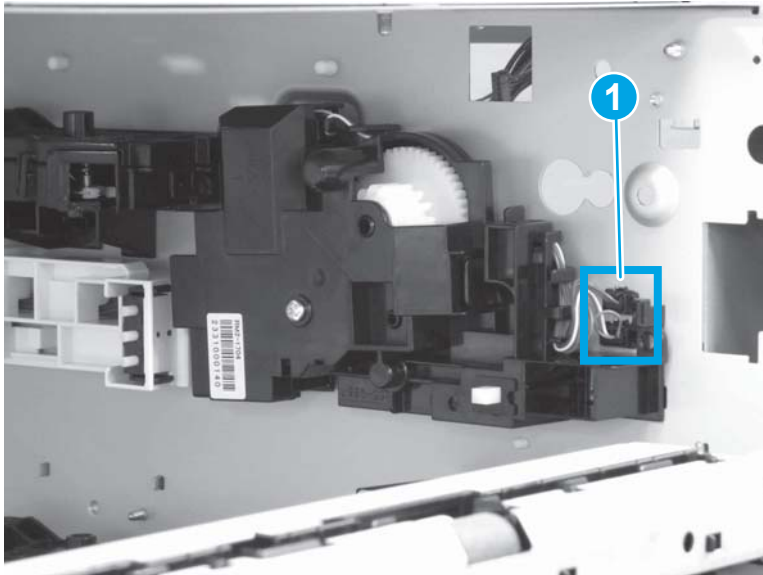
- 10. Remove the 2x550-sheet paper tray and stand tray 1 lifter drive.
  - a. Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3379 Remove the connector cover



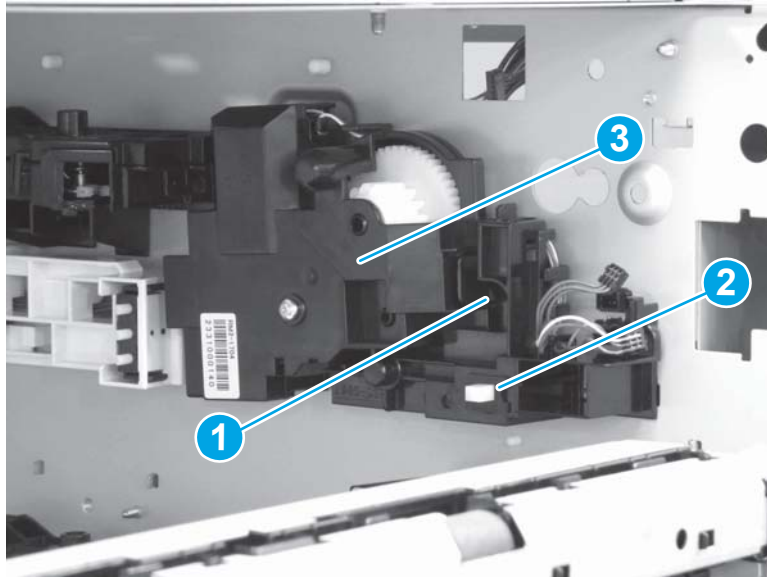
- b. Disconnect two connectors (callout 1).

Figure 1-3380 Disconnect two connectors



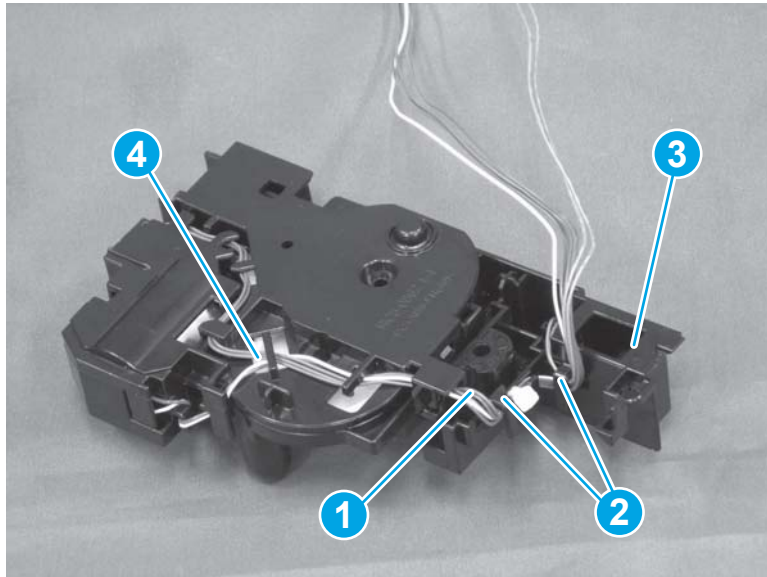
- c. Remove one screw (callout 1). Remove the holder (callout 2) and the lifter drive (callout 3) together.

Figure 1-3381 Remove the lifter drive and holder




- d. Release the cables (callout 1) from the cable guide (callout 2). Remove the holder (callout 3) from the lifter drive (callout 4).

Figure 1-3382 Remove the holder



- 11. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


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b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

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c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: 2x550-sheet paper tray and stand tray 2 lifter drive

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 2 lifter drive.

 [View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 2 lifter drive.](#)


Mean time to repair: 18 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-176 Part information

Part number	Part description
RM2-1704-000CN	Lifter drive assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.



## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

- a. Open the tray.

**Figure 1-3383** Open the tray



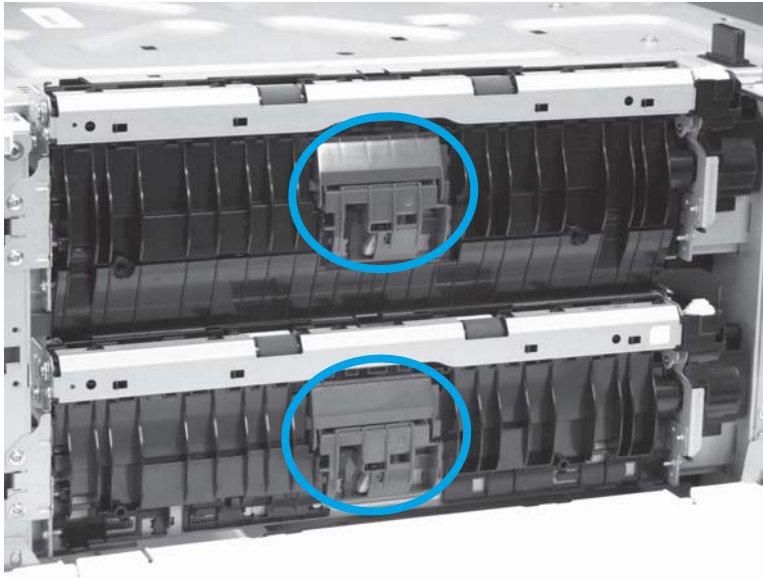
- b. Open the right door.

**Figure 1-3384** Open the right door



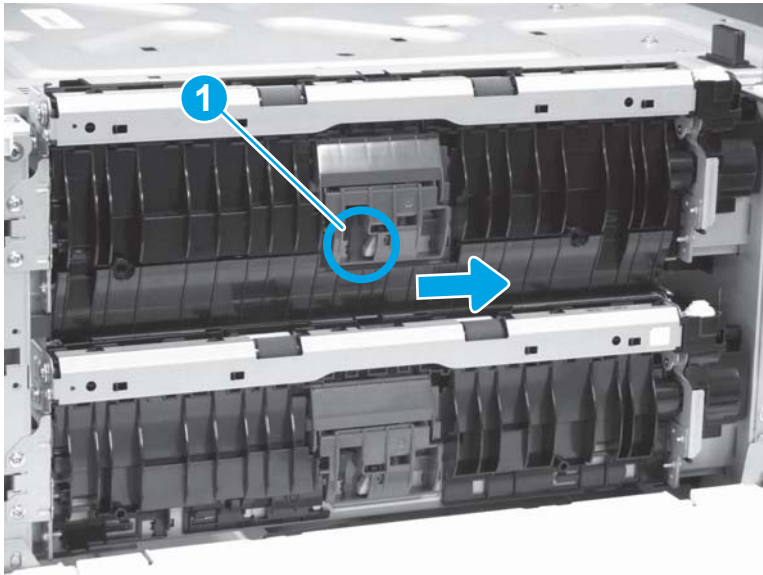
- c. Locate the separation roller.

Figure 1-3385 Locate the separation roller



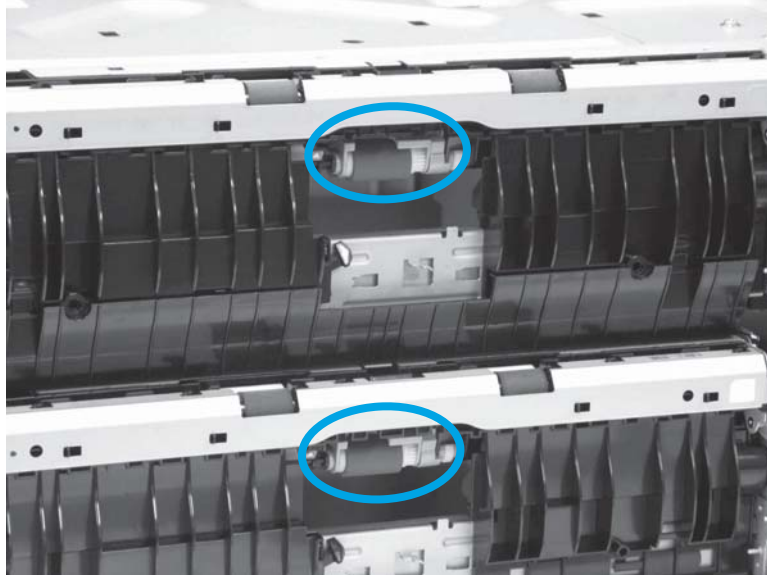
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3386 Remove the separation roller



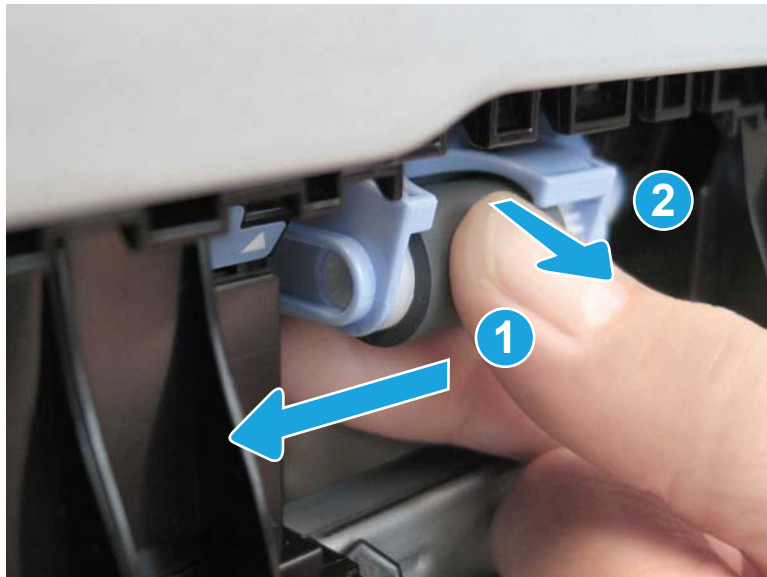
- 2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3387 Locate the pickup roller



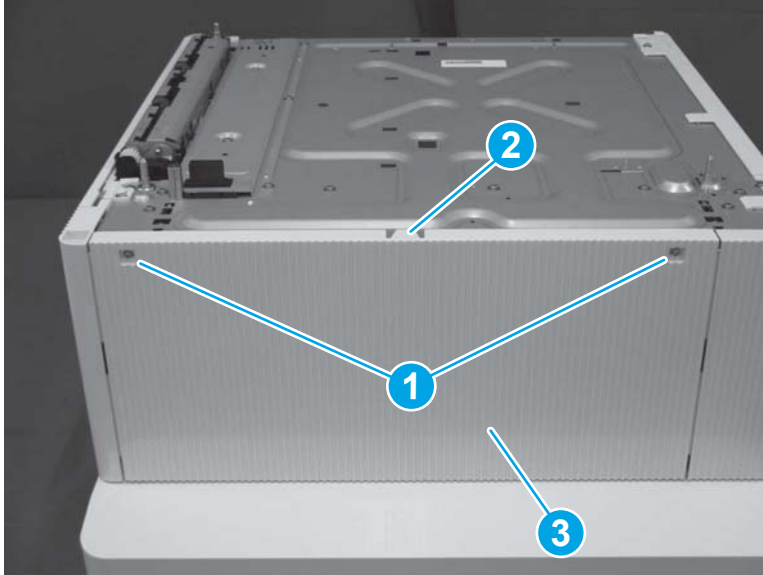
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3388 Remove the pickup roller



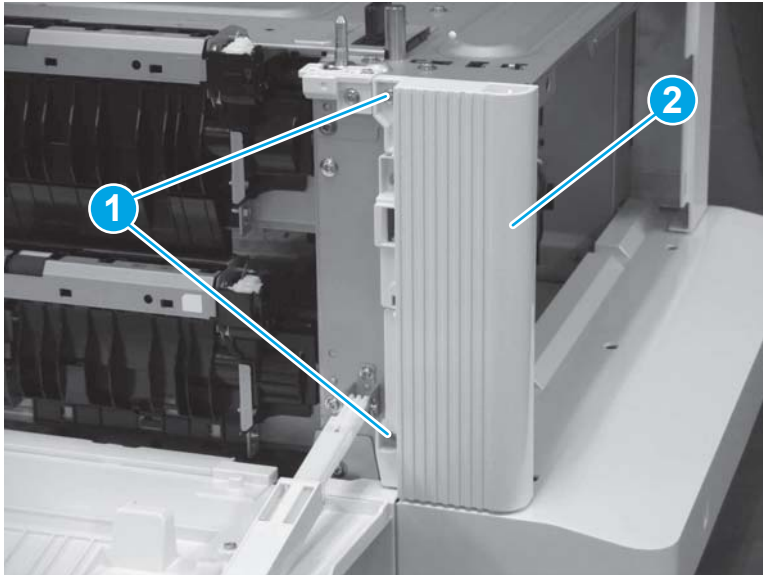
3. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3389 Remove the rear upper cover



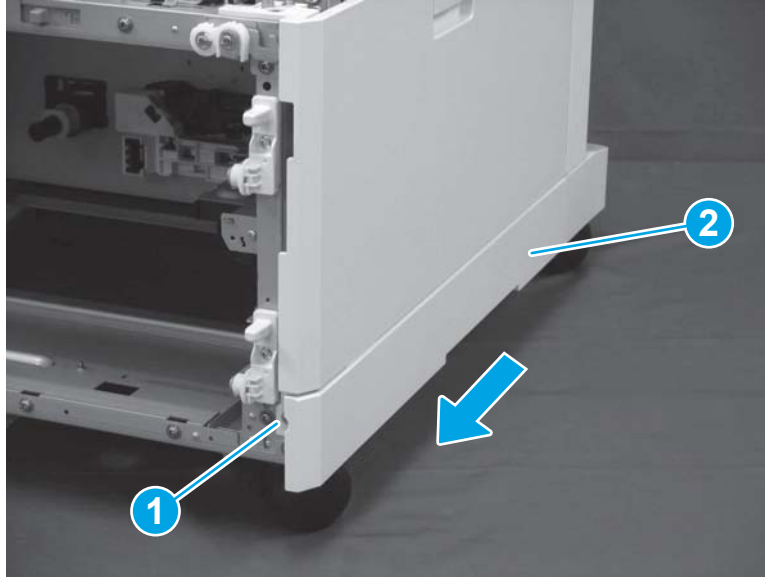
4. Remove the 2x550-sheet paper tray and stand right rear cover.
  - a. Open the right door.
  - b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3390 Remove the right rear cover



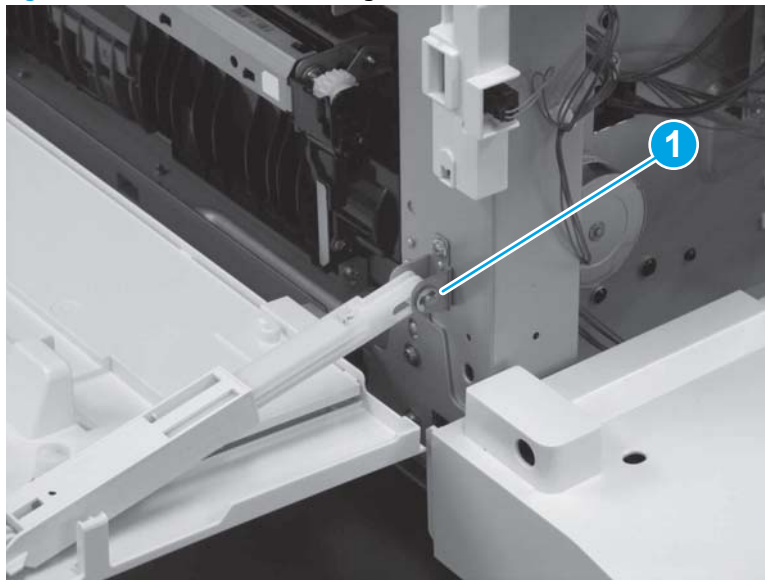
5. Remove the 2x550-sheet paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3391 Remove the right lower cover



6. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

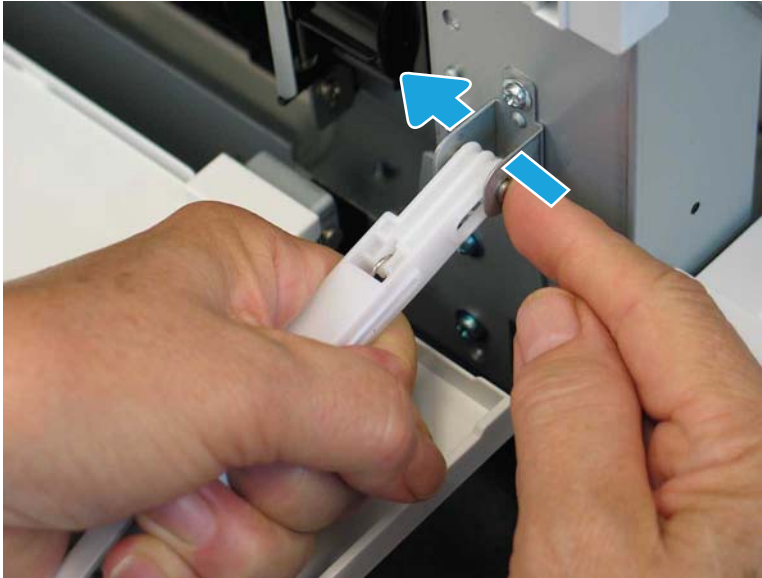
Figure 1-3392 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

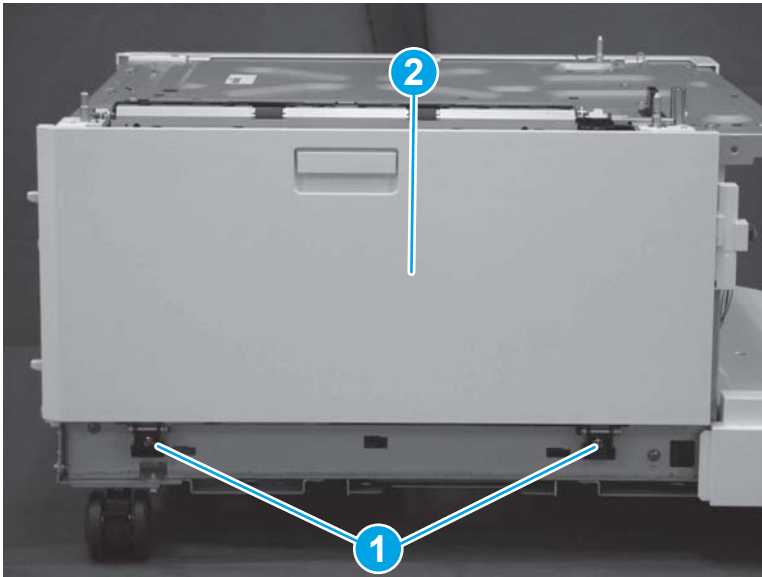
**CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

Figure 1-3393 Release the hinge arm



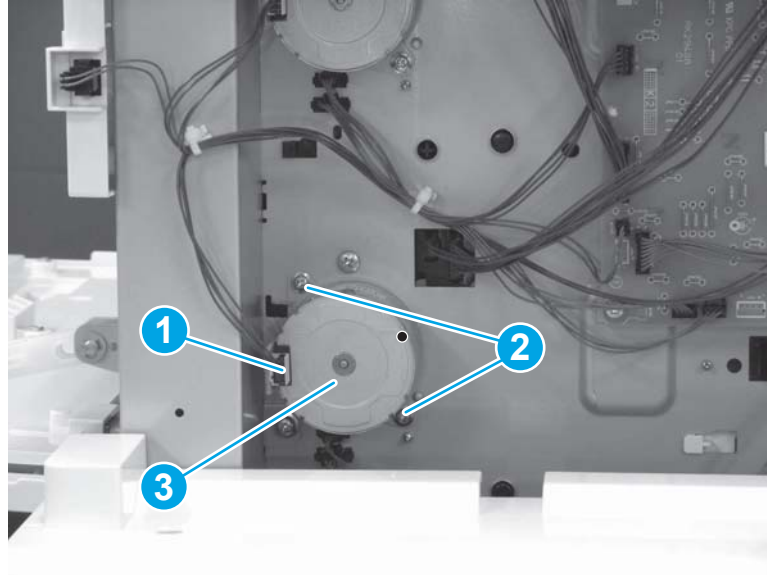
- c. Close the right door assembly.
- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

Figure 1-3394 Remove two screws and the right door



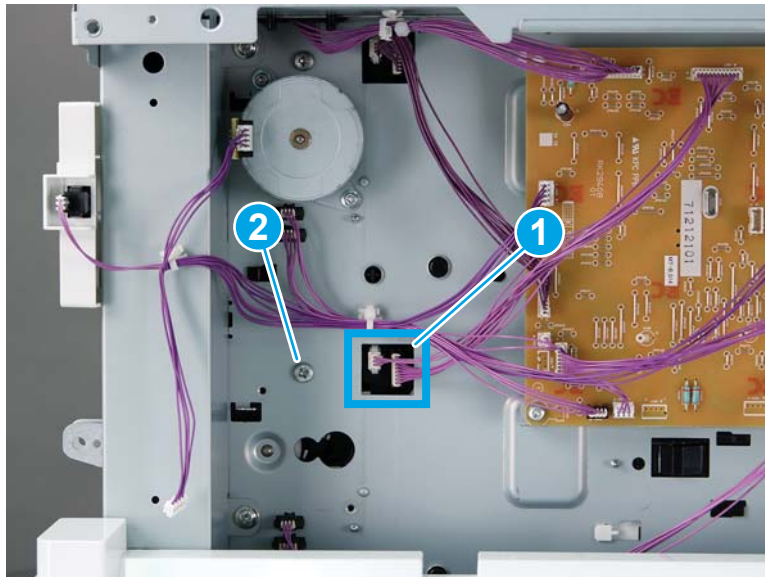
- 7. Remove the 2x550-sheet paper tray and stand tray 2 pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3395 Remove the pickup motor



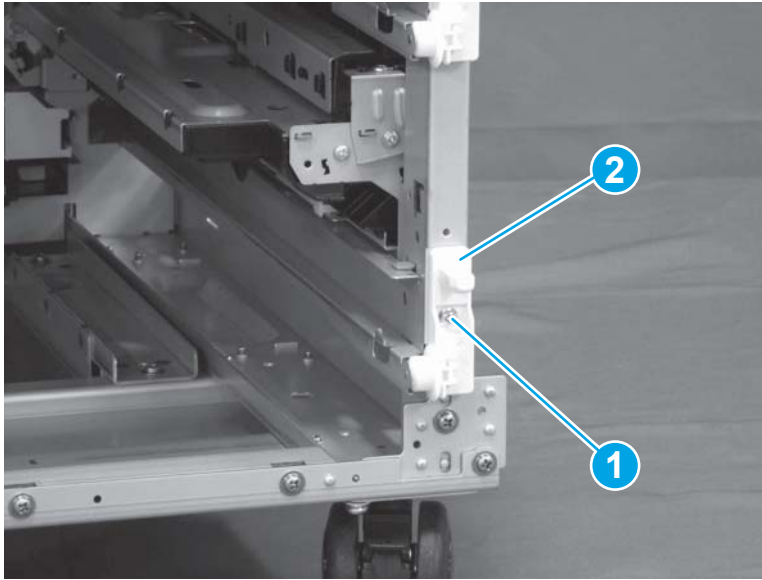
8. Remove the 2x550-sheet paper tray and stand tray 2 pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3396 Disconnect two connectors and remove one screw



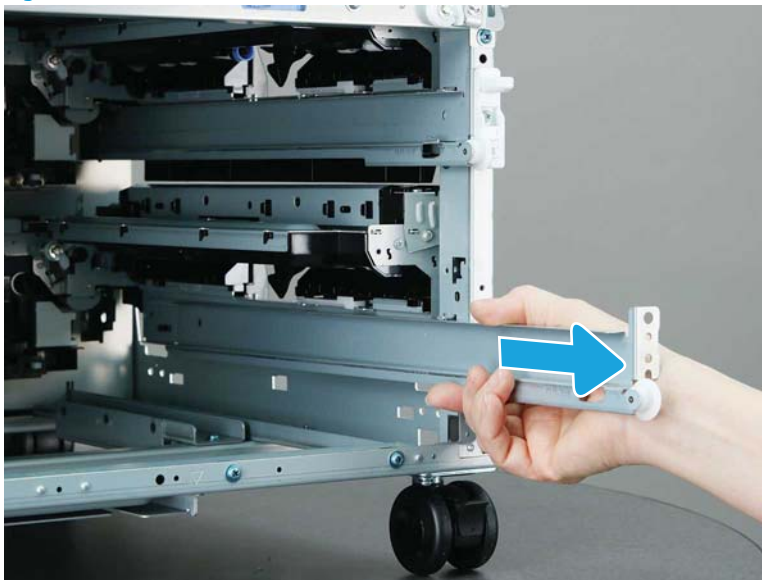
- b. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3397 Remove the cover



- c. Remove the cassette rail.

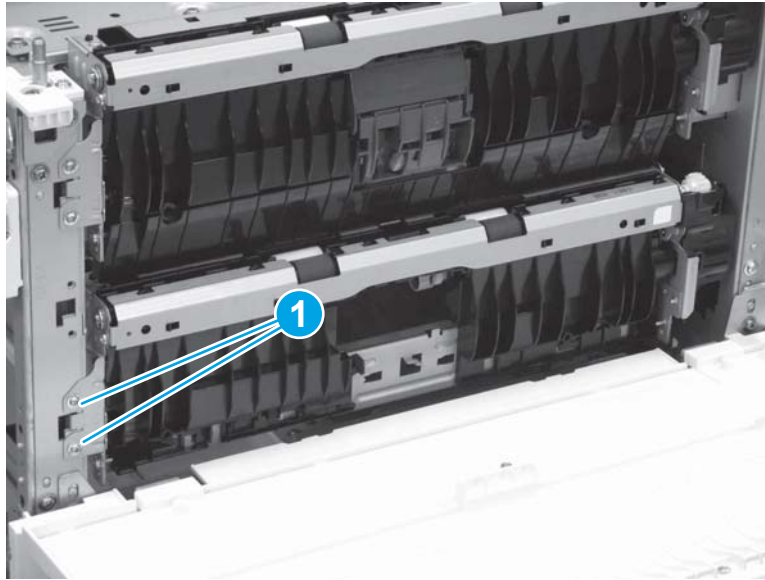
Figure 1-3398 Remove the rail





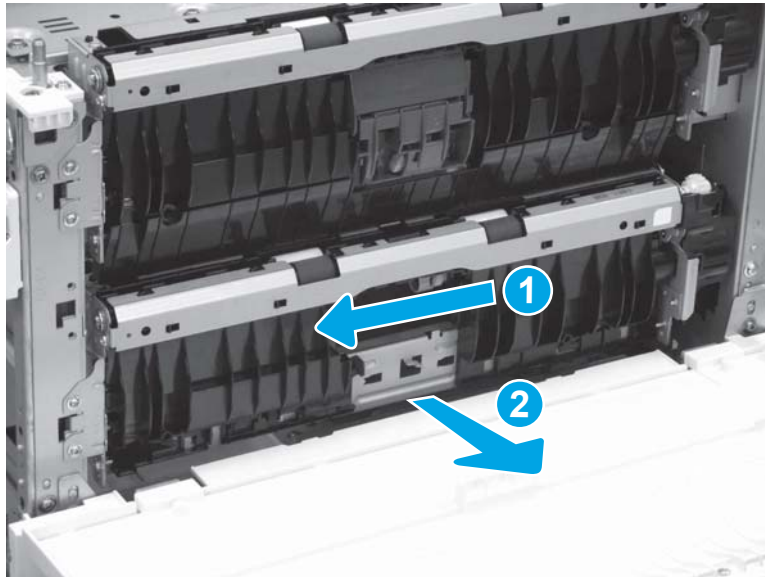
- d. Remove two screws (callout 1).

Figure 1-3399 Remove two screws



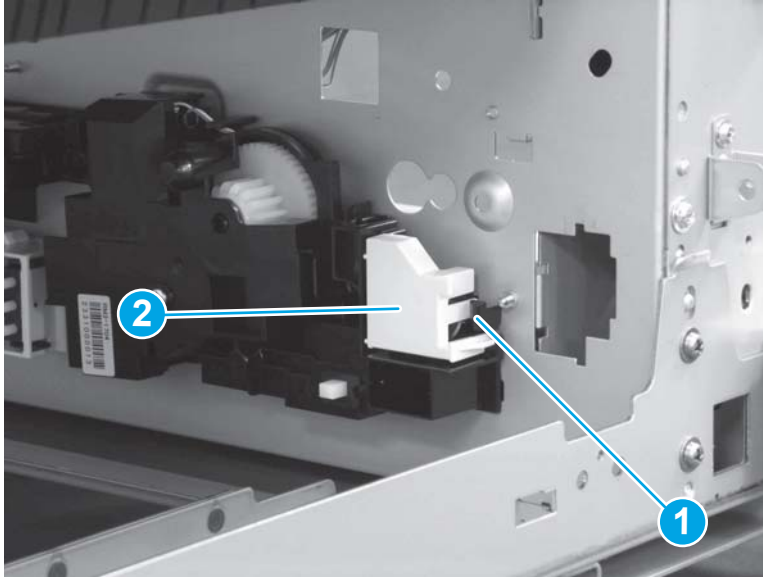
- e. Slide the pickup assembly toward the front of the feeder (callout 1), and then slide it away from the feeder (callout 2) to remove it.

Figure 1-3400 Remove the pickup assembly



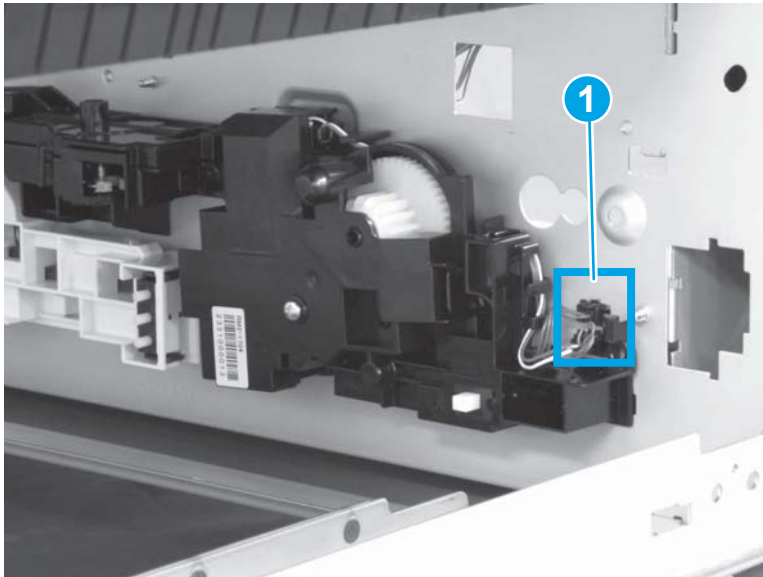
- 9. Remove the 2x550-sheet paper tray and stand tray 2 lifter drive.
  - a. Release one tab (callout 1), and then remove the connector cover (callout 2).

Figure 1-3401 Remove the connector cover



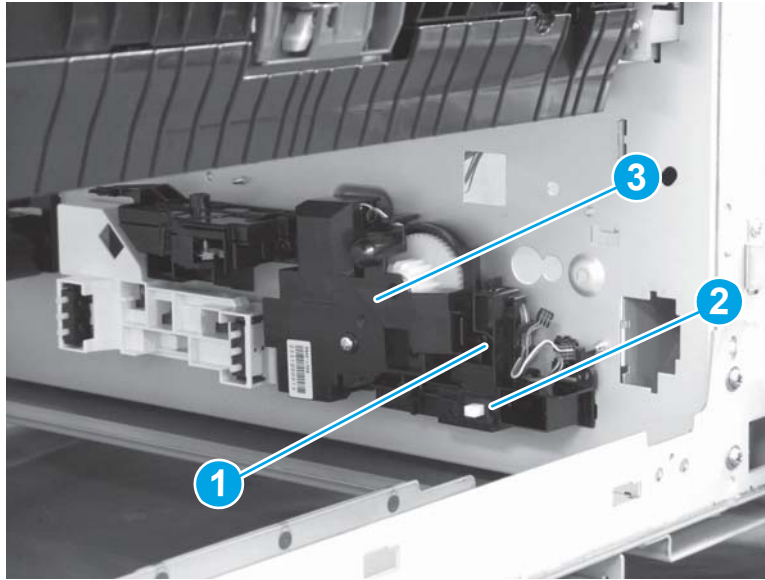
- b. Disconnect two connectors (callout 1).

Figure 1-3402 Disconnect two connectors



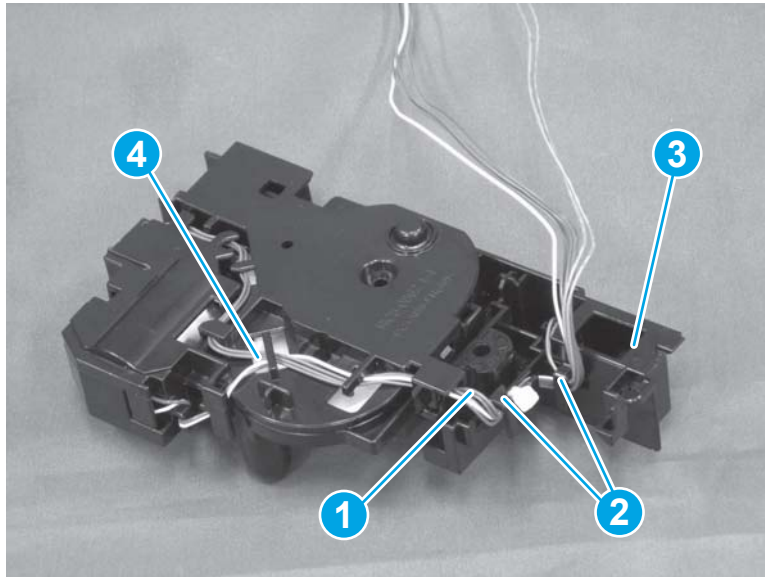
- c. Remove one screw (callout 1). Remove the holder (callout 2) and the lifter drive (callout 3) together.

Figure 1-3403 Remove the holder and lifter drive




- d. Release the cables (callout 1) from the cable guide (callout 2). Remove the holder (callout 3) from the lifter drive (callout 4).

Figure 1-3404 Remove the holder



- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


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 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: 2x550-sheet paper tray and stand tray 1 auto close assembly

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 1 auto close assembly.

 [View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 1 auto close assembly.](#)


Mean time to repair: 18 minutes

Service level: Medium

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

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Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-177 Part information

Part number	Part description
RM2-1760-000CN	Auto close assembly

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### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

- a. Open the tray.

**Figure 1-3405** Open the tray



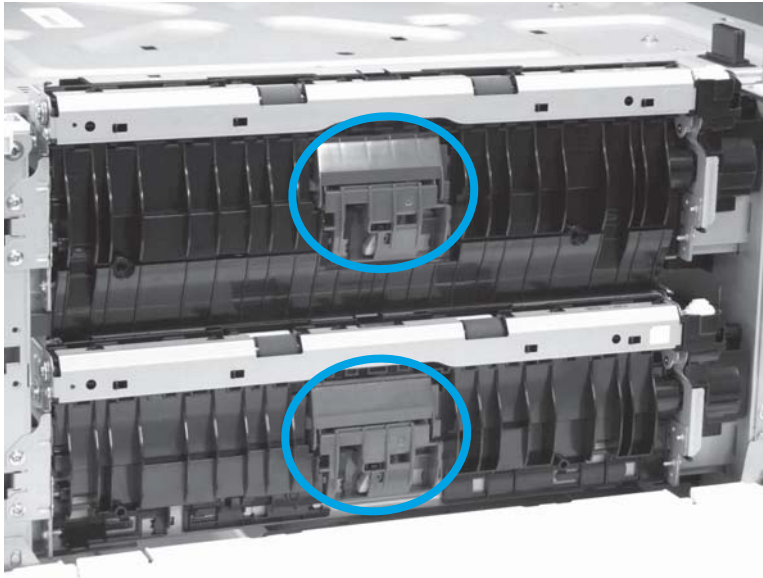
- b. Open the right door.

**Figure 1-3406** Open the right door



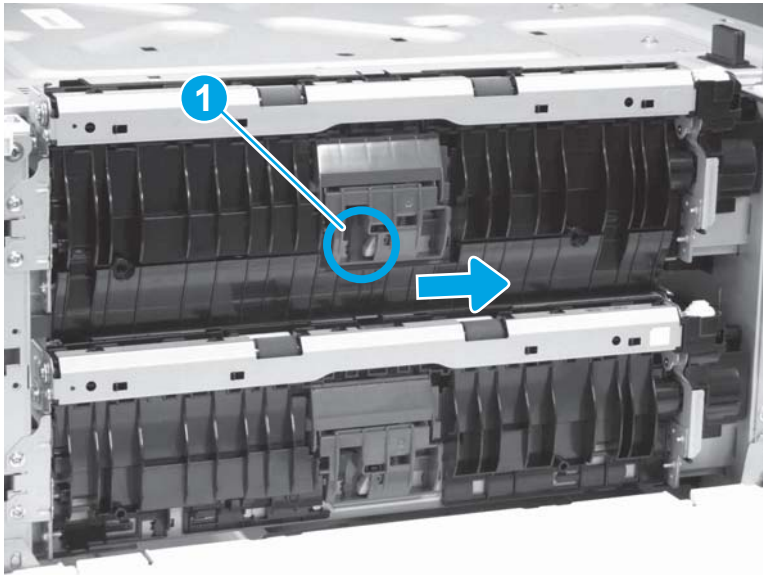
- c. Locate the separation roller.

Figure 1-3407 Locate the separation roller



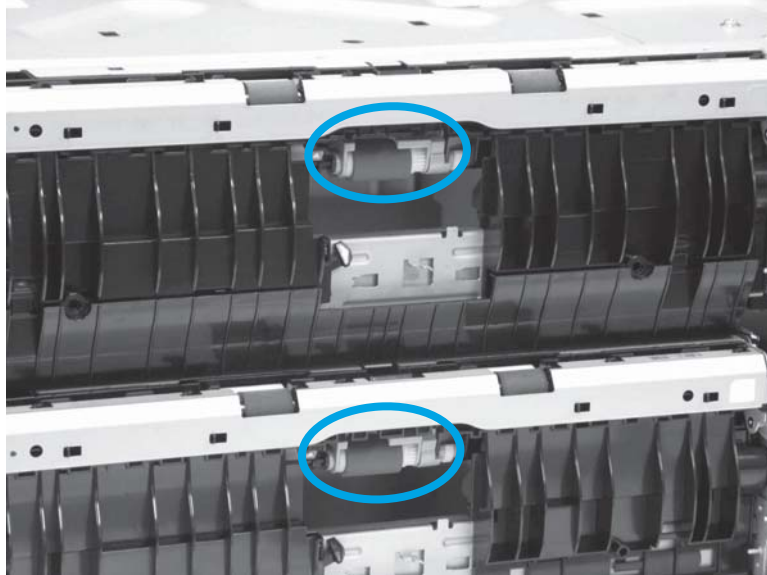
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3408 Remove the separation roller



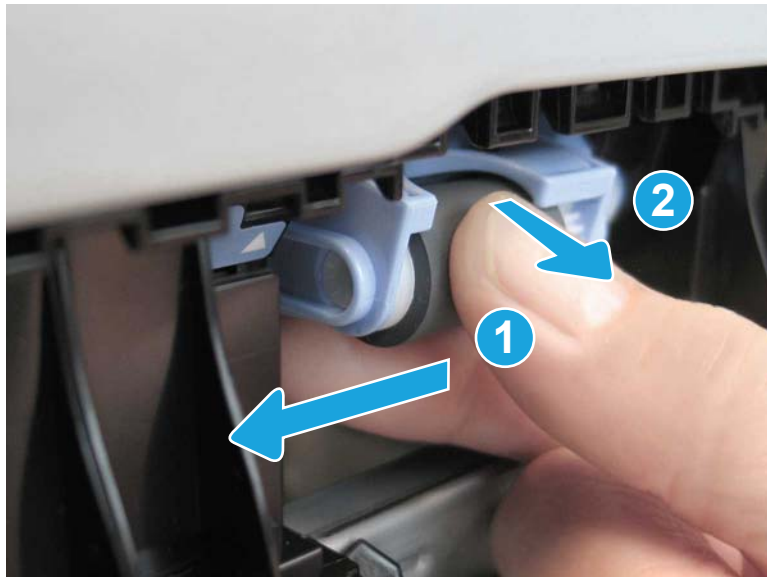
- 2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3409 Locate the pickup roller



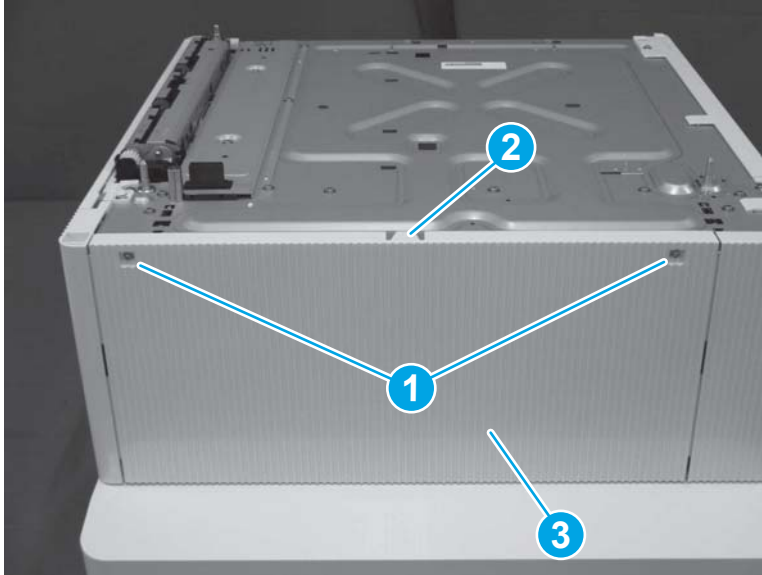
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3410 Remove the pickup roller



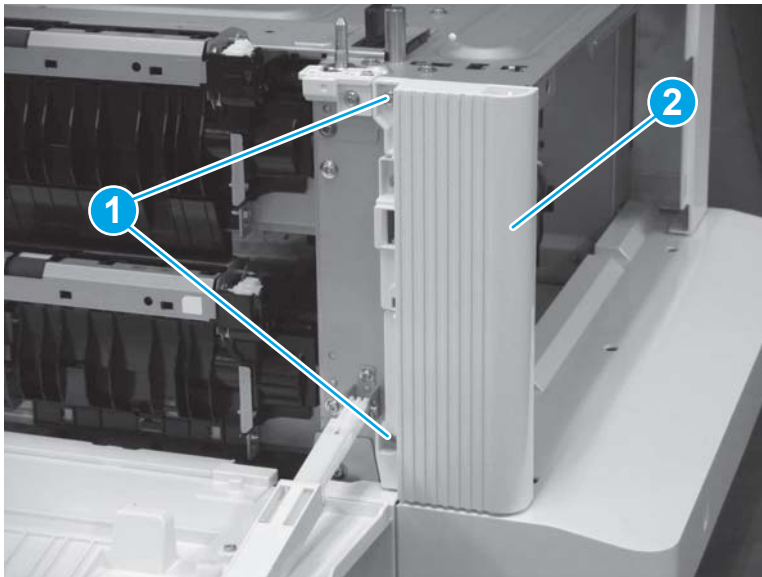
3. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3411 Remove the rear upper cover



4. Remove the 2x550-sheet paper tray and stand right rear cover.
  - a. Open the right door.
  - b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

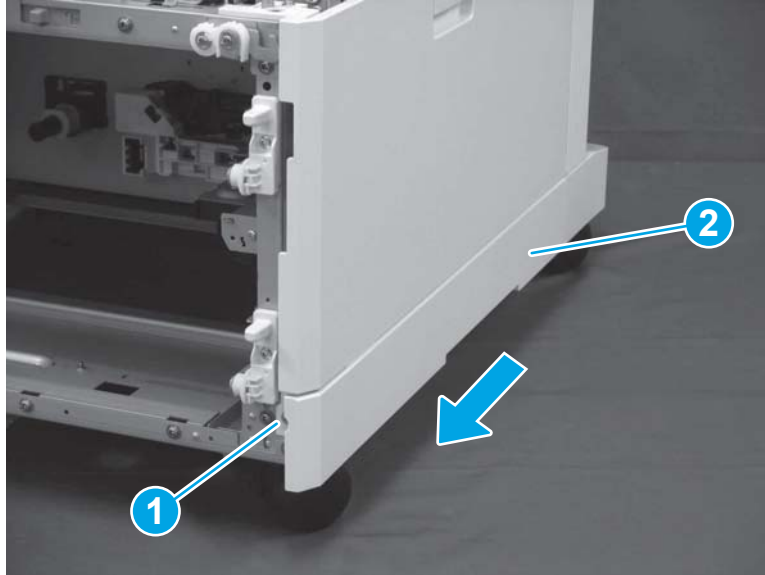
Figure 1-3412 Remove the right rear cover



5. Remove the 2x550-sheet paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

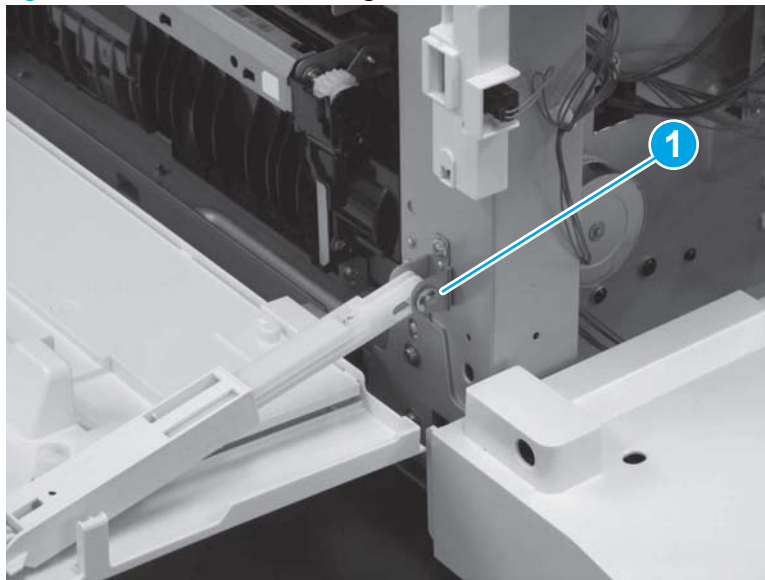


Figure 1-3413 Remove the right lower cover



6. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

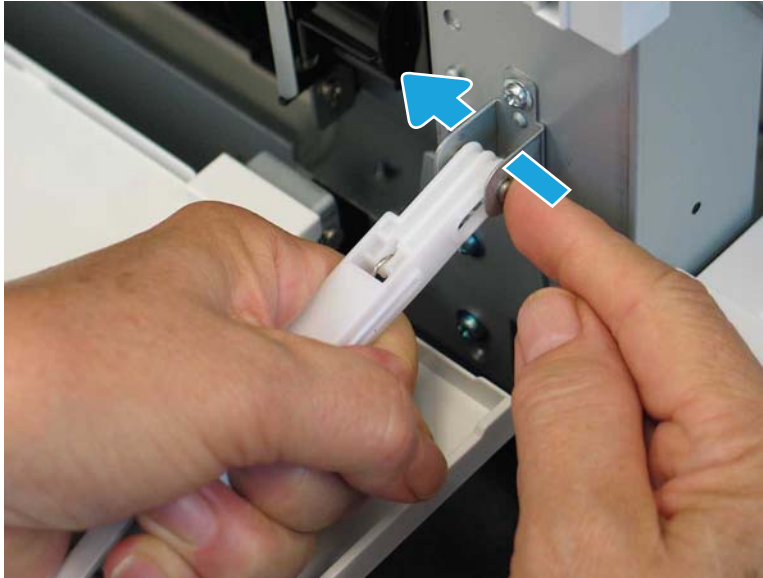
Figure 1-3414 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

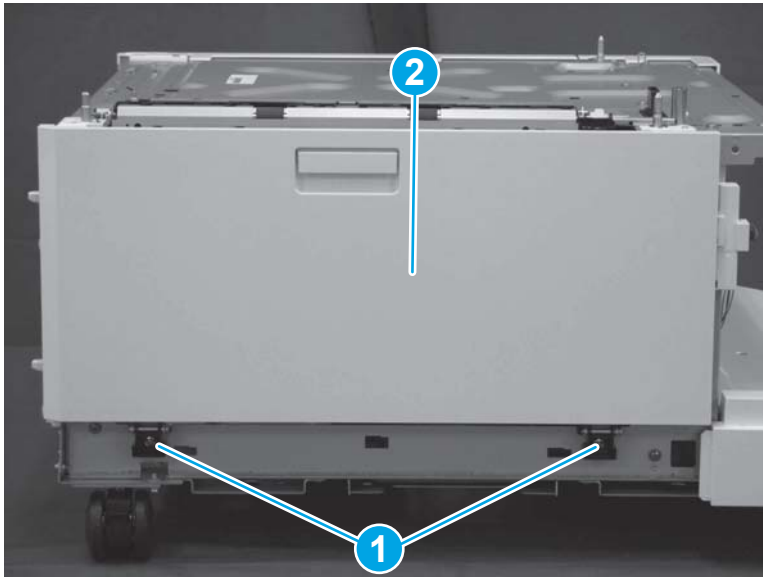
**CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

Figure 1-3415 Release the hinge arm



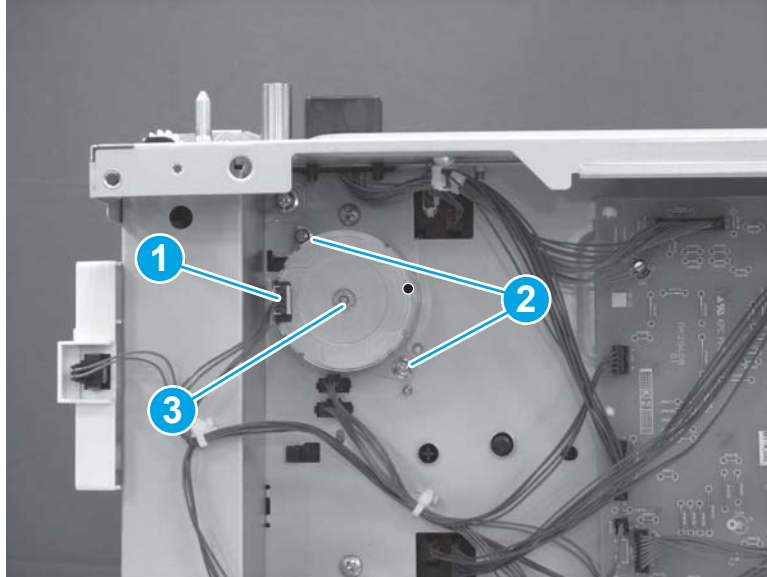
- c. Close the right door assembly.
- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

Figure 1-3416 Remove two screws and the right door



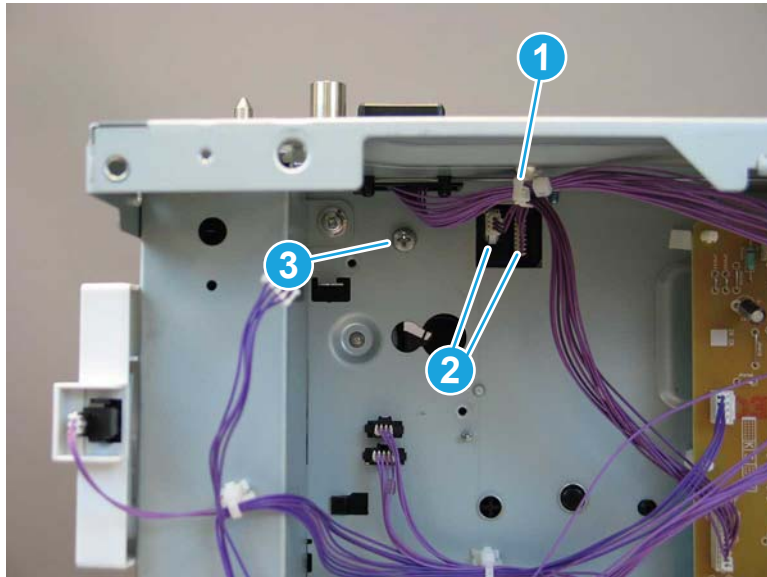
7. Remove the 2x550-sheet paper tray and stand tray 1 pickup motor.
- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3417 Remove the pickup motor



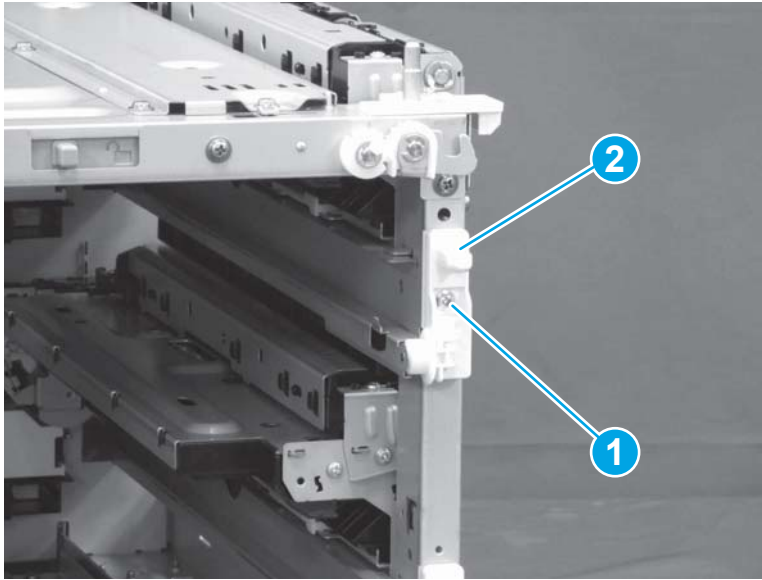
8. Remove the 2x550-sheet paper tray and stand tray 1 pickup assembly.
  - a. Release one retainer (callout 1). Disconnect two connectors (callout 2), and then remove one screw (callout 3).

Figure 1-3418 Disconnect two connectors and remove two screws



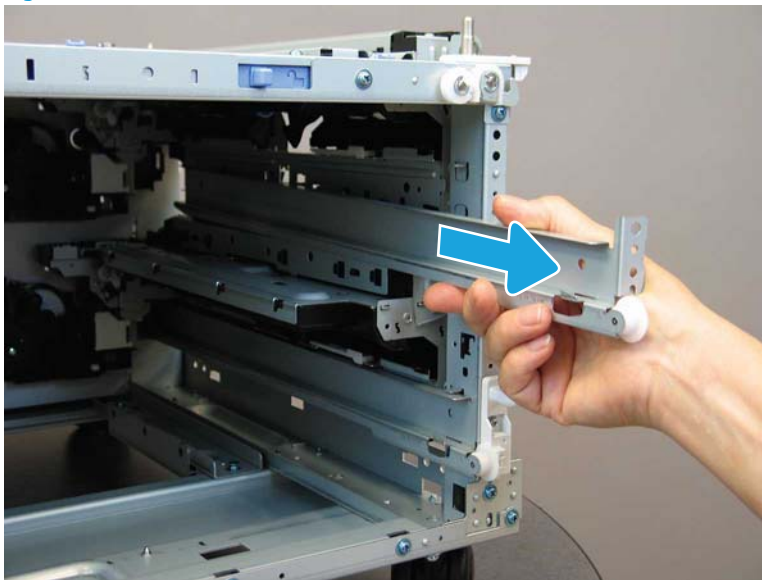
- b. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3419 Remove the cover



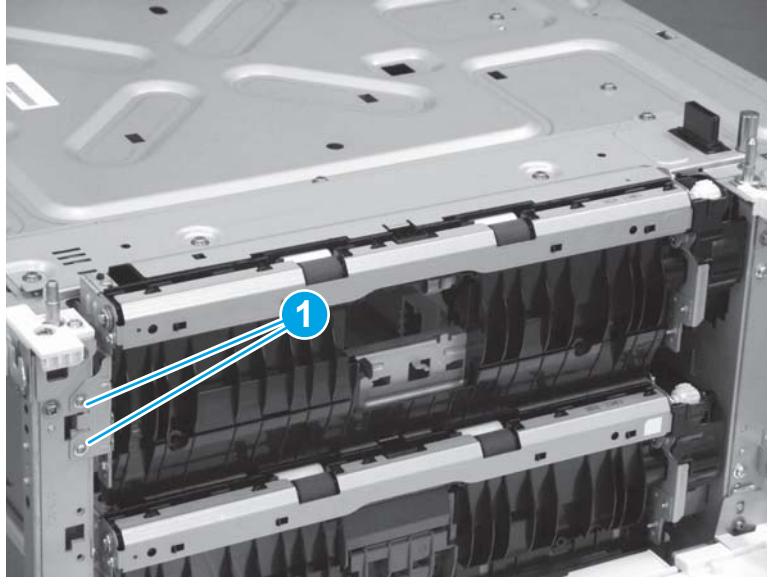
- c. Remove the cassette rail.

Figure 1-3420 Remove the cassette rail



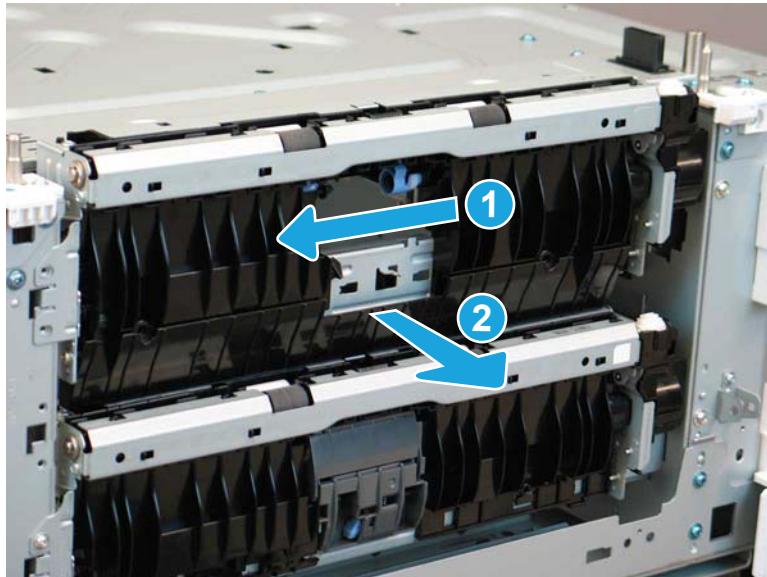
- d. Remove two screws (callout 1).

Figure 1-3421 Remove two screws



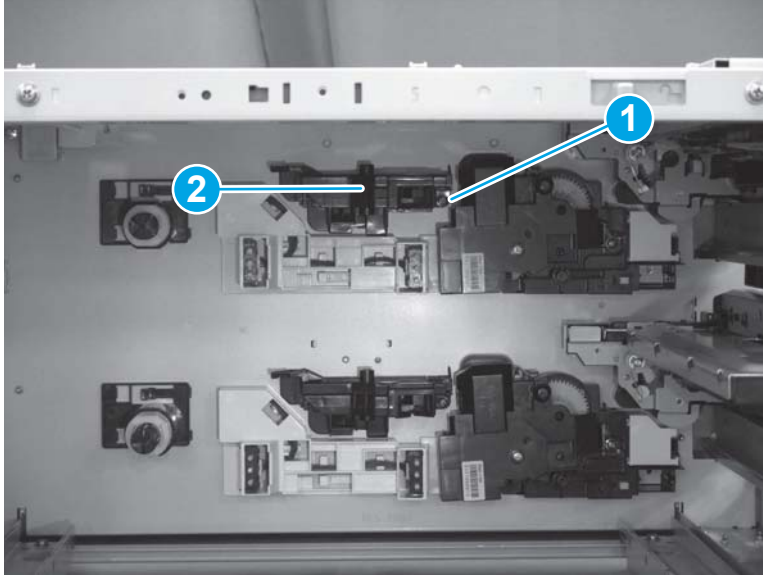
- e. Slide the pickup assembly toward the front of the feeder (callout 1), and then slide it away from the feeder (callout 2) to remove it.

Figure 1-3422 Remove the pickup assembly



9. Remove the 2x550-sheet paper tray and stand tray 1 auto close assembly.
- ▲ Remove one screw (callout 1), and then remove the auto close assembly (callout 2).

Figure 1-3423 Remove the auto close assembly



10. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



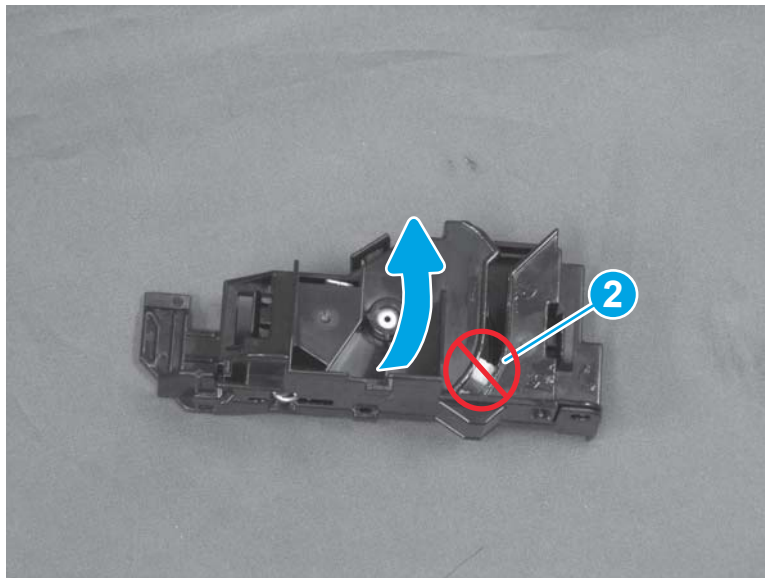
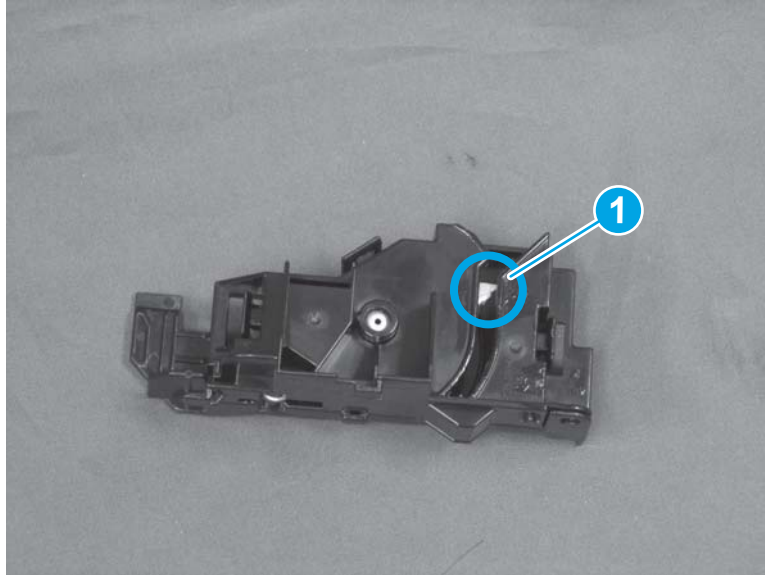
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Check the toggle position


- ▲ Confirm the position of the toggle when installing the auto close assembly. The correct position of the toggle is toward the top of the auto close assembly (callout 1). If the toggle is in the wrong position (callout 2), use a small, flat-blade screwdriver to rotate it up to the correct position.

Figure 1-3424 Check the toggle position



### Removal and replacement: 2x550-sheet paper tray and stand tray 2 auto close assembly

Learn how to remove and replace the 2x550-sheet paper tray and stand tray 2 auto close assembly.

 [View a video of how to remove and replace the 2x550-sheet paper tray and stand tray 2 auto close assembly.](#)


Mean time to repair: 18 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-178 Part information

Part number	Part description
RM2-1760-000CN	Auto close assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2x550-sheet paper tray and stand separation roller.

 **NOTE:** The upper tray is shown in the figures below. The procedure is the same for the lower tray.

- a. Open the tray.

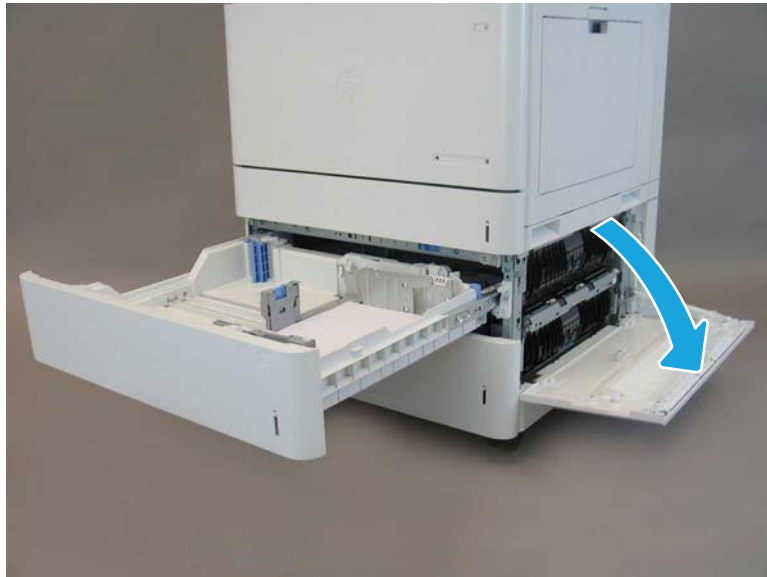


Figure 1-3425 Open the tray



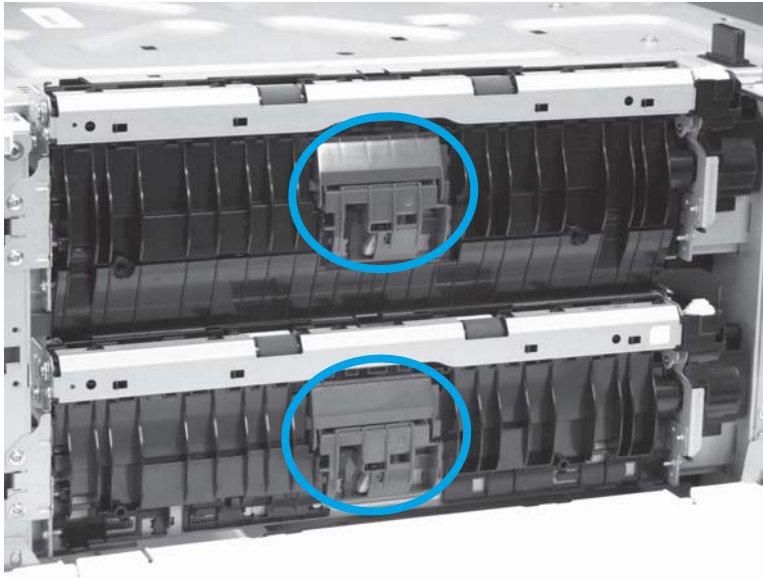
- b. Open the right door.

Figure 1-3426 Open the right door



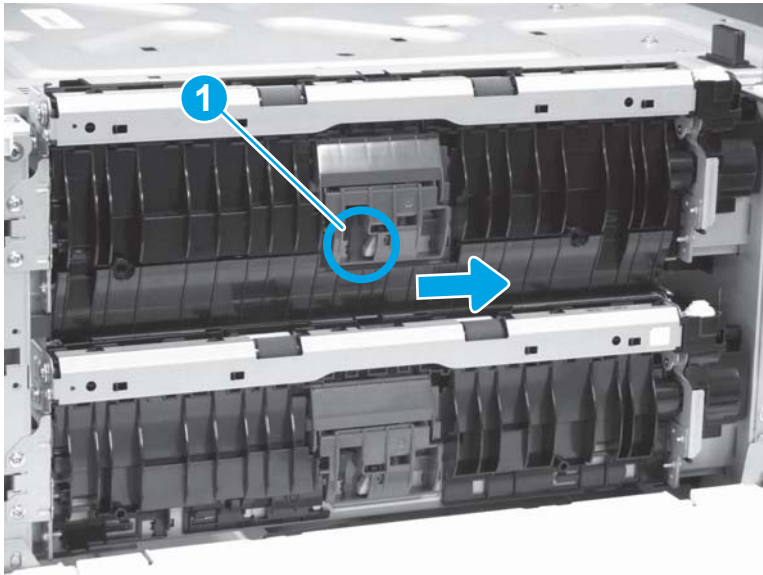
- c. Locate the separation roller.

Figure 1-3427 Locate the separation roller



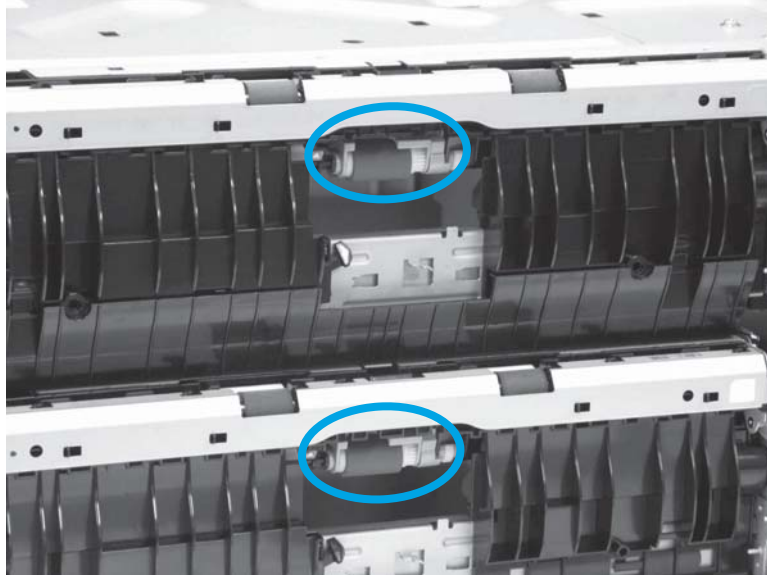
- d. Press the release button (callout 1), slide the separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3428 Remove the separation roller



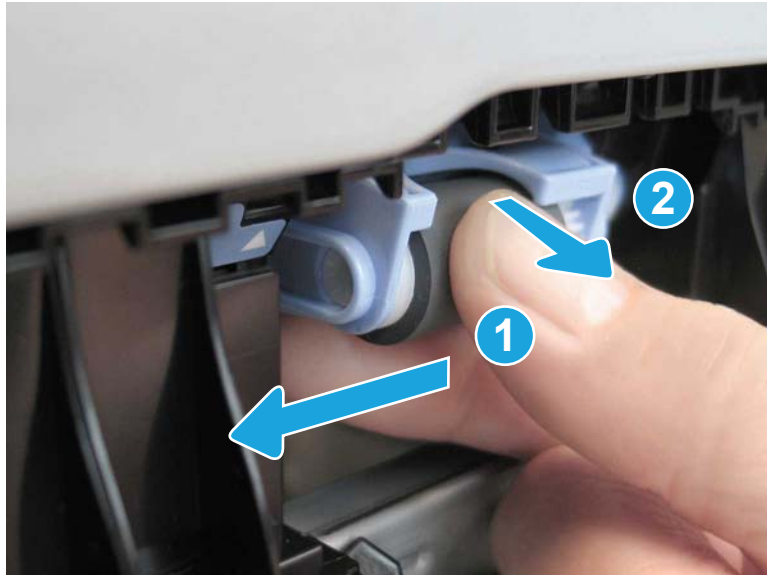
2. Remove the 2x550-sheet paper tray and stand tray pickup roller.
  - a. Locate the pickup roller.

Figure 1-3429 Locate the pickup roller



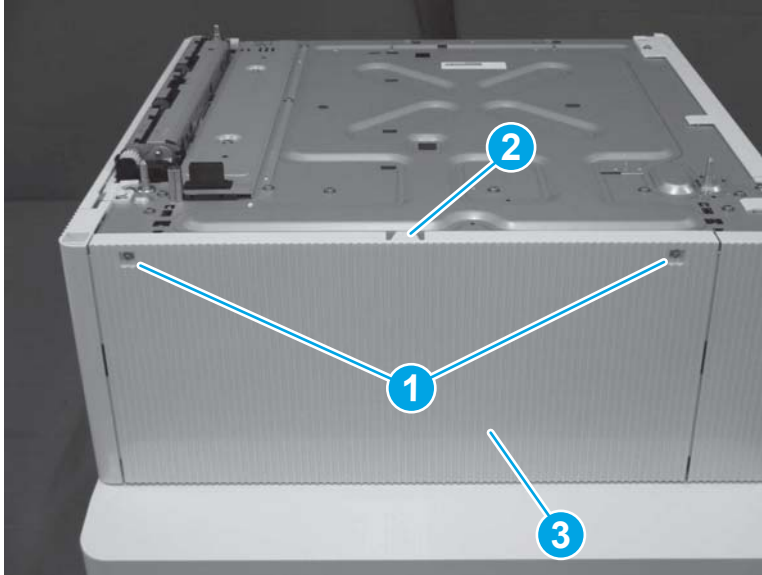
- b. Slide the pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3430 Remove the pickup roller



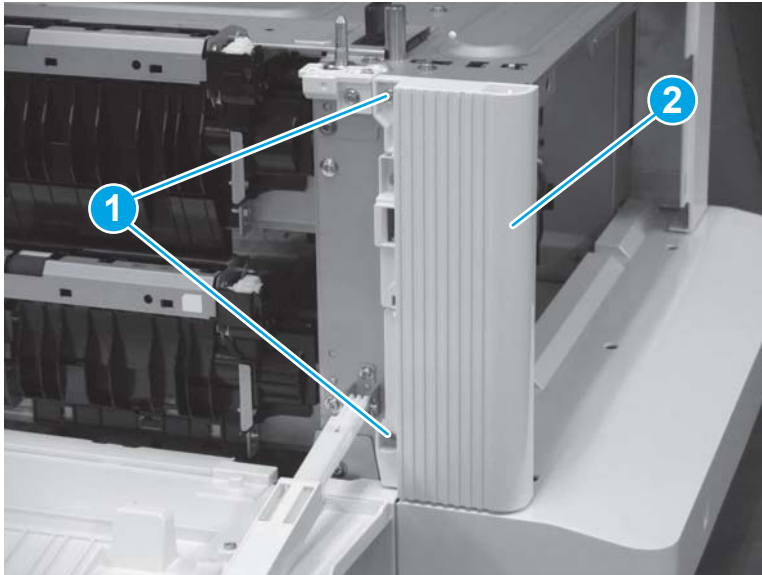
3. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3431 Remove the rear upper cover



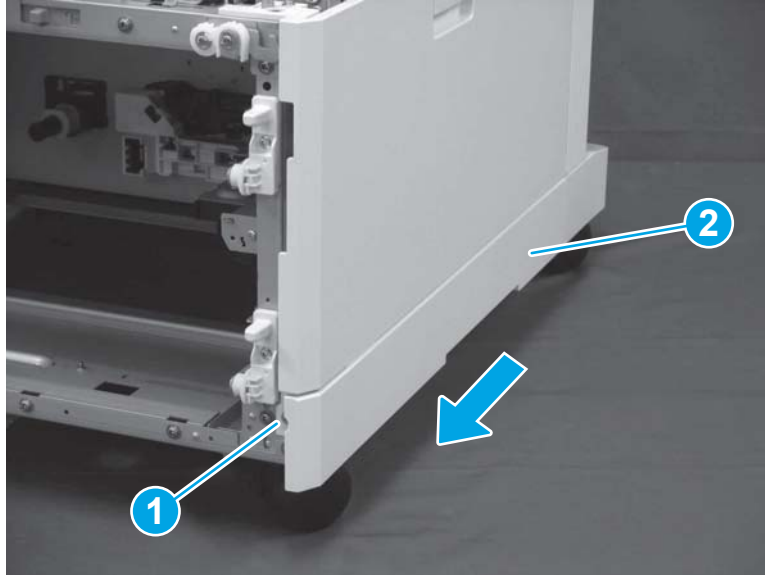
4. Remove the 2x550-sheet paper tray and stand right rear cover.
  - a. Open the right door.
  - b. Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3432 Remove the right rear cover



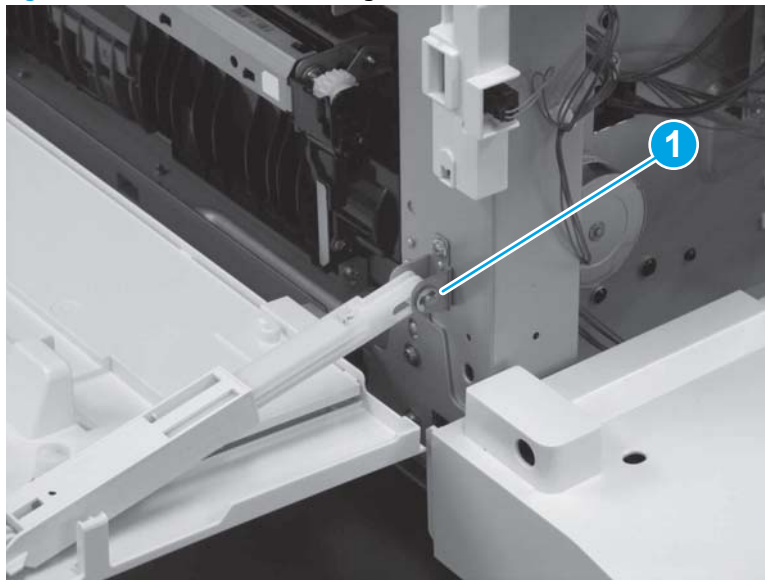
5. Remove the 2x550-sheet paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3433 Remove the right lower cover



6. Remove the 2x550-sheet paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

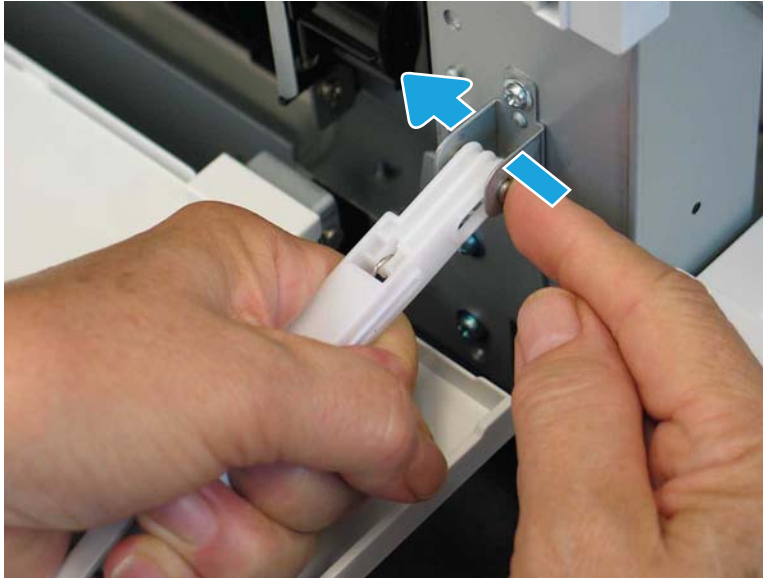
Figure 1-3434 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

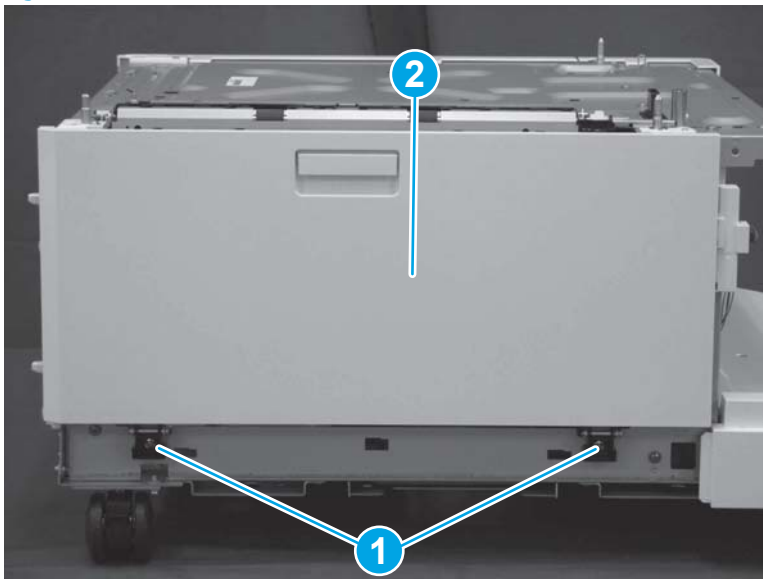
**CAUTION:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

Figure 1-3435 Release the hinge arm



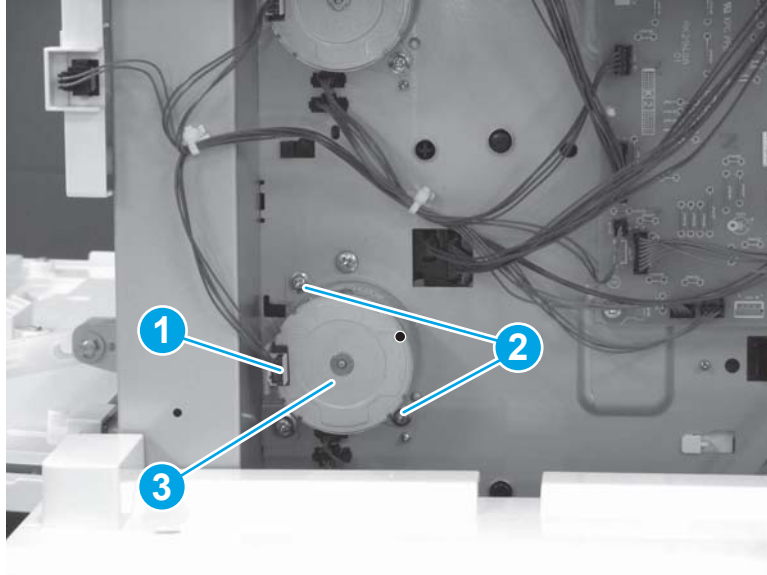
- c. Close the right door assembly.
- d. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

Figure 1-3436 Remove two screws and the right door



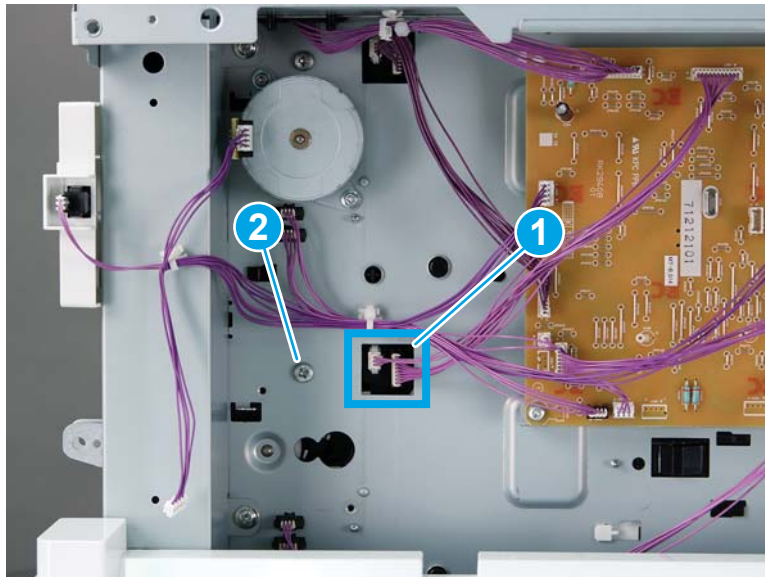
7. Remove the 2x550-sheet paper tray and stand tray 2 pickup motor.
- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the pickup motor (callout 3).

Figure 1-3437 Remove the pickup motor



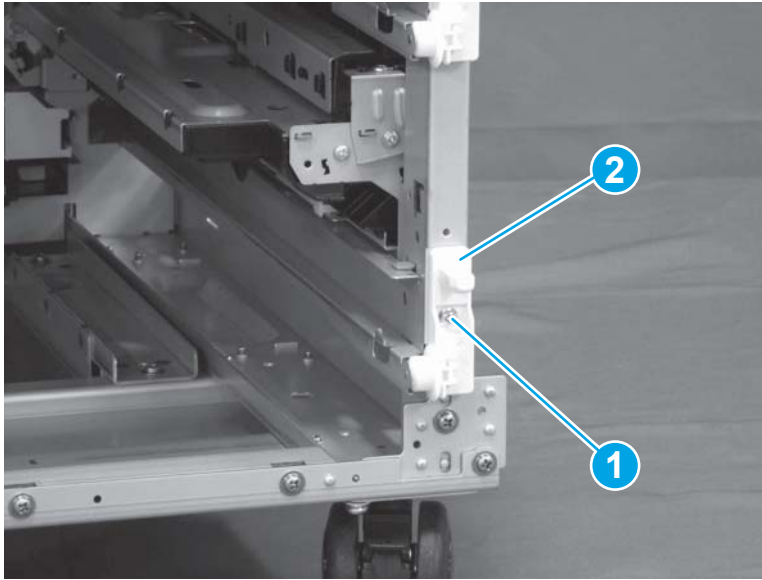
8. Remove the 2x550-sheet paper tray and stand tray 2 pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3438 Disconnect two connectors and remove one screw



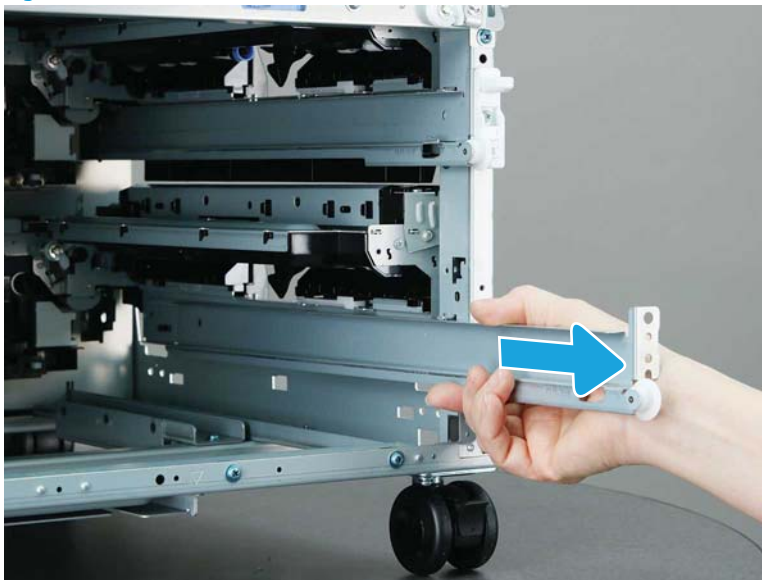
- b. Remove one screw (callout 1), and then remove the cover (callout 2).

Figure 1-3439 Remove the cover



- c. Remove the cassette rail.

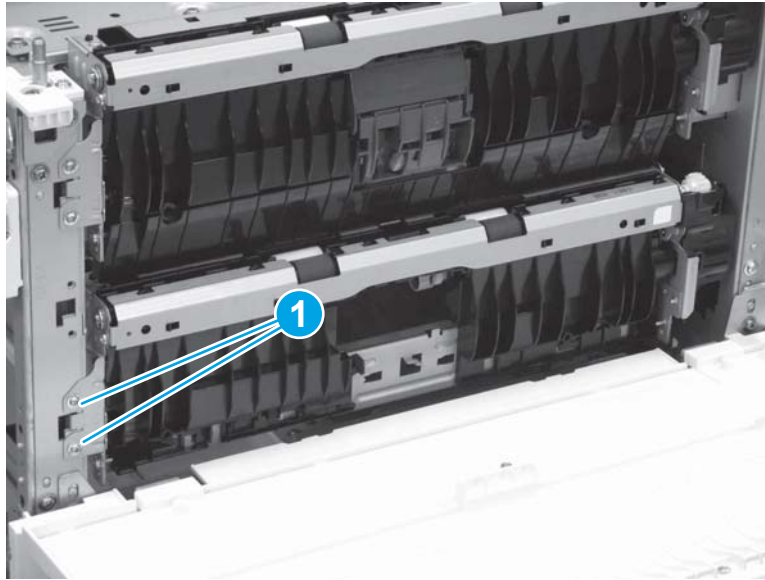
Figure 1-3440 Remove the rail





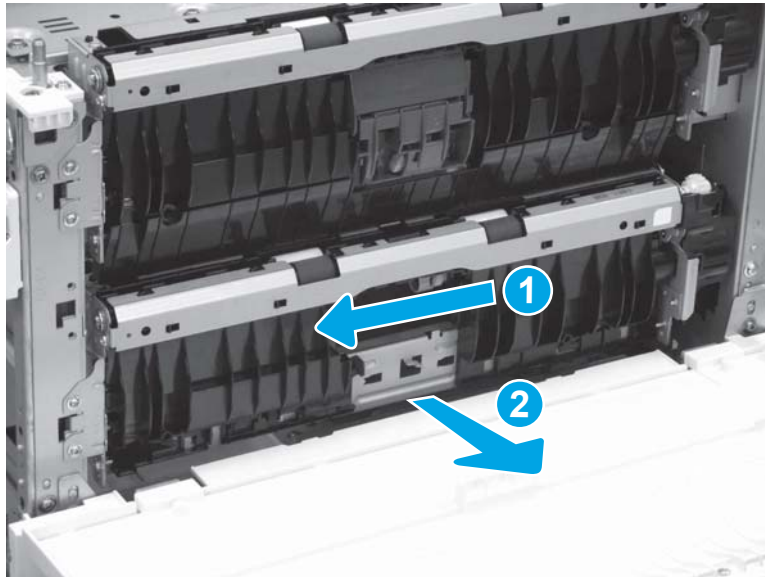
- d. Remove two screws (callout 1).

Figure 1-3441 Remove two screws



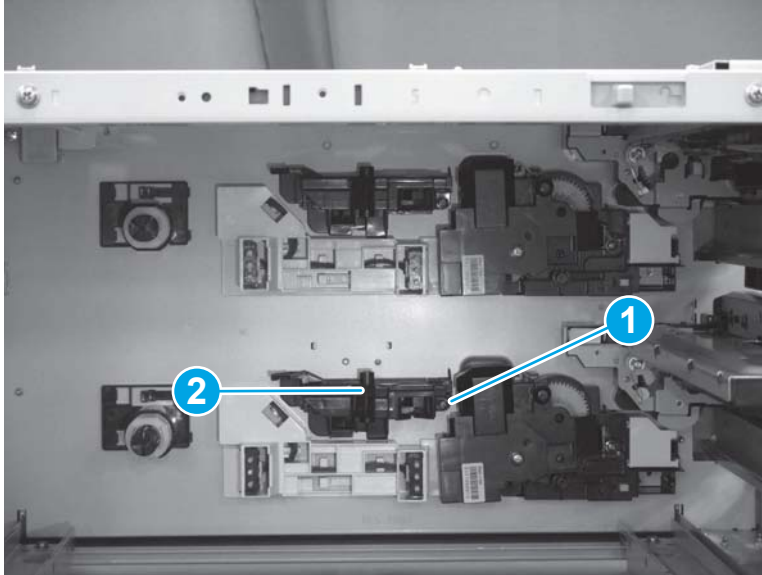
- e. Slide the pickup assembly toward the front of the feeder (callout 1), and then slide it away from the feeder (callout 2) to remove it.

Figure 1-3442 Remove the pickup assembly



- 9. Remove the 2x550-sheet paper tray and stand tray 2 auto close assembly.
  - ▲ Remove one screw (callout 1), and then remove the auto close assembly (callout 2).

Figure 1-3443 Remove the auto close assembly



10. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.



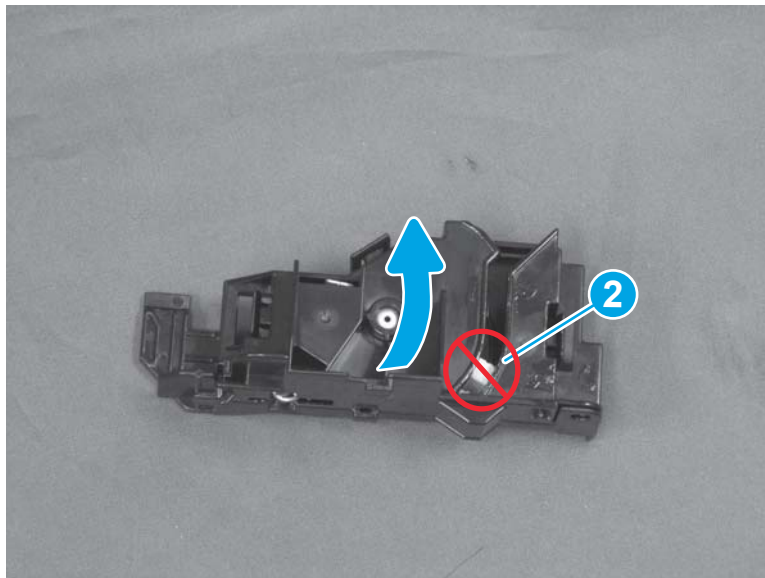
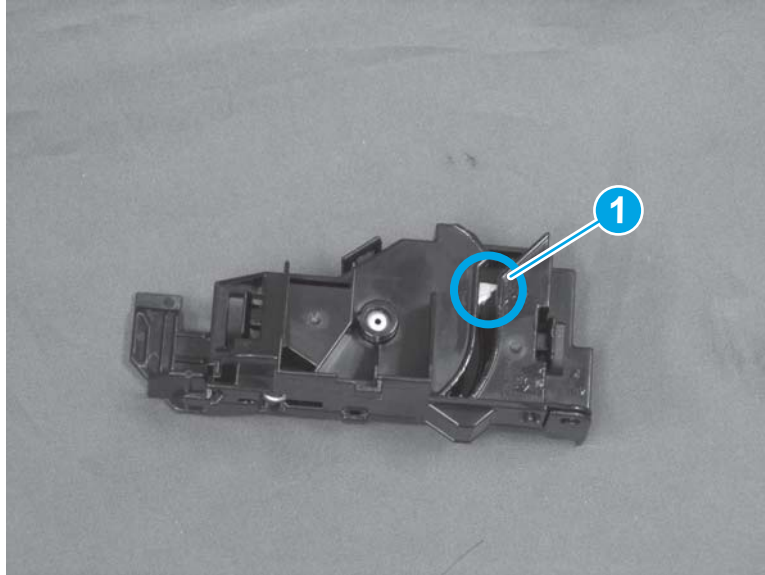
**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Check the toggle position

- ▲ Confirm the position of the toggle when installing the auto close assembly. The correct position of the toggle is toward the top of the auto close assembly (callout 1). If the toggle is in the wrong position (callout 2), use a small, flat-blade screwdriver to rotate it up to the correct position.

Figure 1-3444 Check the toggle position



### Removal and replacement: 2x550-sheet paper tray and stand controller PCA

Learn how to remove and replace the 2x550-sheet paper tray and stand controller PCA.

 [View a video of how to remove and replace the 2x550-sheet paper tray and stand controller PCA.](#)


Mean time to repair: 5 Minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-179 Part information

Part number	Part description
RM2-9885-000CN	Paper deck controller PCB assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip
- Needle-nose pliers

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

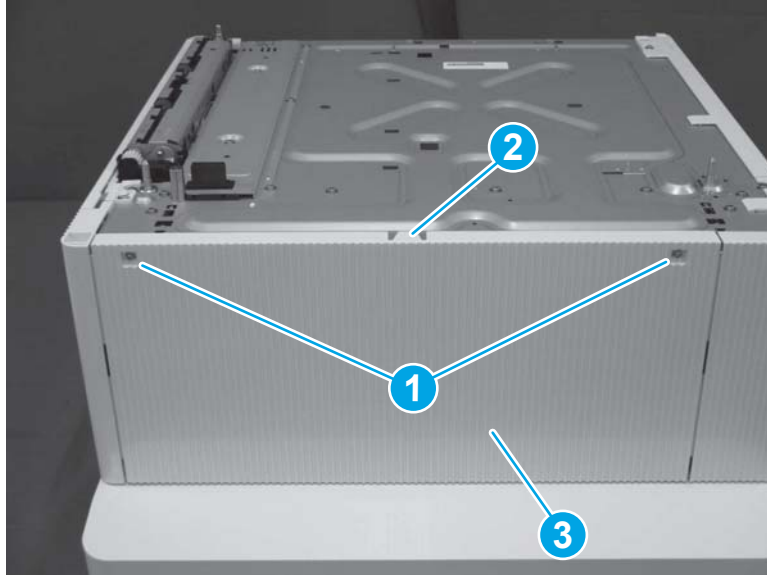
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2x550-sheet paper tray and stand to make sure that the printer is functioning correctly.

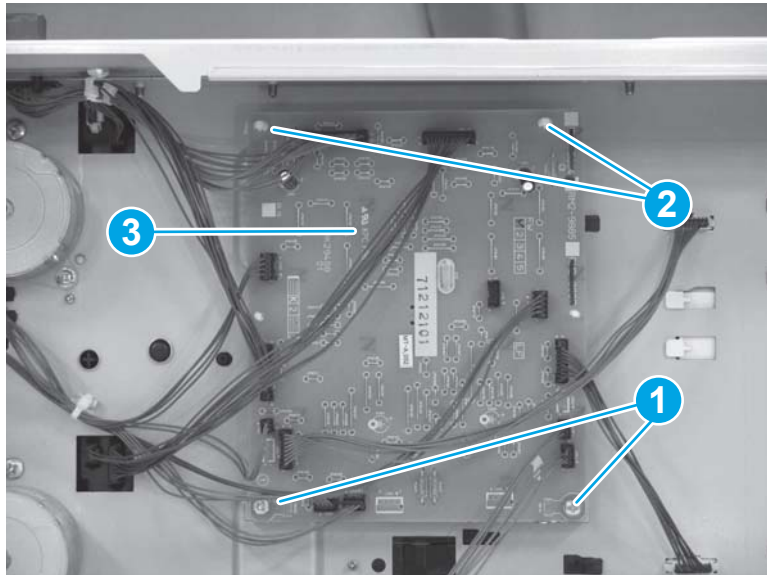
1. Remove the 2x550-sheet paper tray and stand rear upper cover.
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then lift up to remove the rear upper cover (callout 3).

Figure 1-3445 Remove the rear upper cover



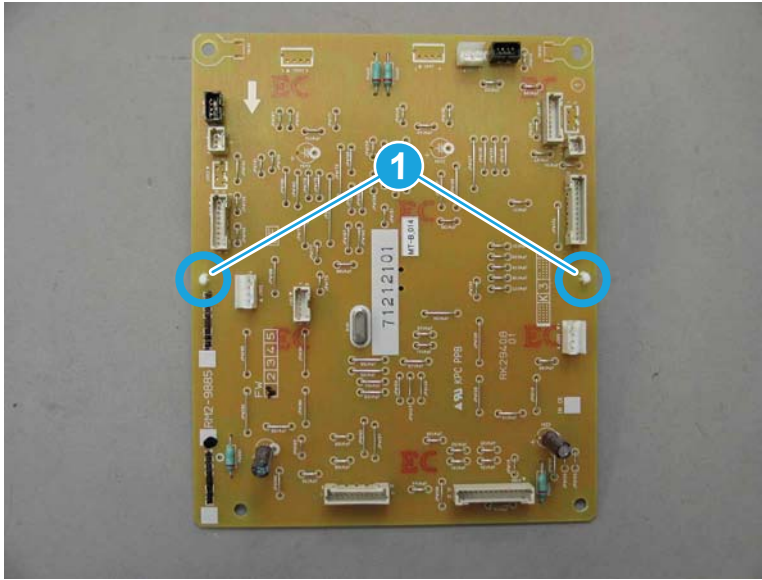
2. Remove the 2x550-sheet paper tray and stand controller PCA.
  - a. Disconnect all of the connectors on the controller PCA. Remove two screws (callout 1), release two tabs (callout 2), and then remove the controller PCA (callout 3).

Figure 1-3446 Remove the controller PCA



- b. Locate two supports (callout 1) on the controller PCA.

Figure 1-3447 Locate two supports



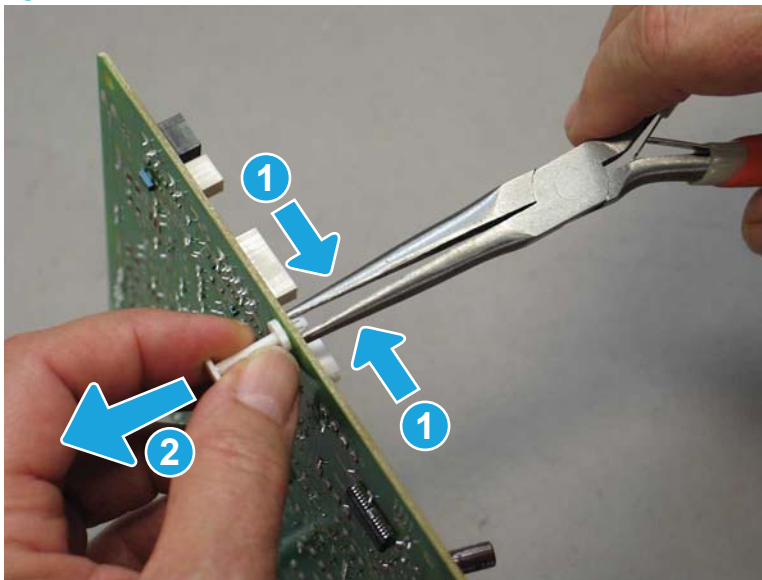
- c. For each support, use needle-nose pliers to compress two tabs on the front of the controller PCA (callout 1), and then slide the support (callout 2) away from the PCA.

---

 **NOTE:** Save these supports and install them on the replacement controller PCA.

---

Figure 1-3448 Remove the supports



- 3. Unpack the replacement assembly.
  - a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: 2,700-sheet HCl paper tray and stand components

Learn how to remove and replace the component parts in the 2,700-sheet HCl paper tray and stand.

- [Removal and replacement: 2,700-sheet HCl paper tray and stand right paper tray](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left paper tray](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left tray pickup and separation rollers](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right tray pickup and separation rollers](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right lower cover](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right door](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right tray pickup motor](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right tray pickup assembly](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand feed assembly](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left tray pickup motor](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left tray pickup assembly](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left tray lifter motor](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left tray lifter drive](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand left tray auto close assembly](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right tray lifter motor](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right tray lifter drive](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand right tray auto close assembly](#)
- [Removal and replacement: 2,700-sheet HCl paper tray and stand controller PCA](#)

## Removal and replacement: 2,700-sheet HCl paper tray and stand right paper tray

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right paper tray.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right paper tray.](#)

Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

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**WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---



Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-180** Part information

Part number	Part description
RM2-1748-000CN	Right tray assembly

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

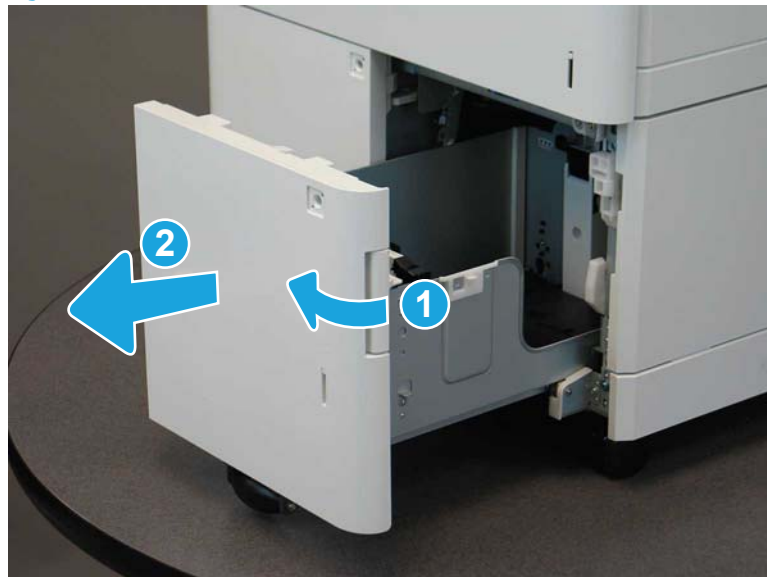
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.


1. Remove the 2,700-sheet HCl paper tray and stand right tray.
  - ▲ Release the handle (callout 1), pull the tray out away from the feeder (callout 2), and then lift up slightly to remove the tray.

**Figure 1-3449** Remove the right tray



2. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 2,700-sheet HCl paper tray and stand left paper tray

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left paper tray.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left paper tray.](#)


Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-181 Part information

Part number	Part description
RM2-1743-000CN	Left tray assembly

---

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

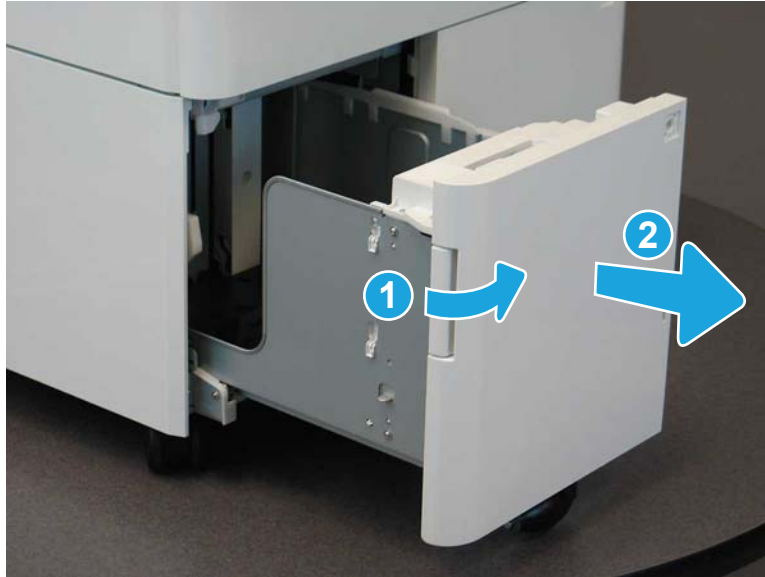
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2,700-sheet HCl paper tray and stand left tray.
  - ▲ Release the handle (callout 1), pull the tray out away from the feeder (callout 2), and then lift up slightly to remove the tray.

**Figure 1-3450** Remove the left tray



2. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.


- c. To install an assembly, reverse the removal steps.



**NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

## Removal and replacement: 2,700-sheet HCl paper tray and stand left tray pickup and separation rollers

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left tray pickup and separation rollers.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left tray pickup and separation rollers.](#)


Mean time to repair: 2 minutes

Service level: CSR A

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-182 Part information

Part number	Part description
RM2-1526-000CN	Tray 2-x pickup and separation rollers

### Required tools

- No special tools are required to remove or install this assembly.

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

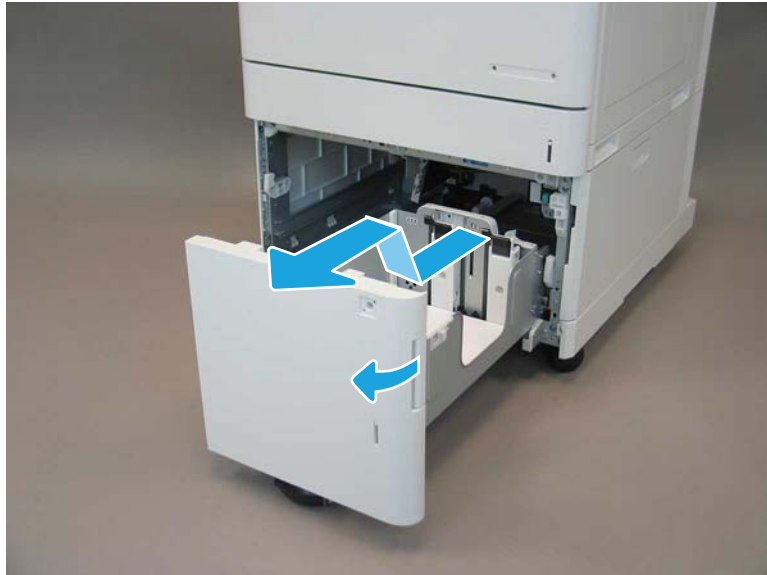
1. Remove the 2,700-sheet HCl paper tray and stand left tray separation roller.
  - a. Release the handle (callout 1) on the left tray, pull the tray out away from the feeder (callout 2), and then lift up slightly to remove the tray.

Figure 1-3451 Remove the left tray



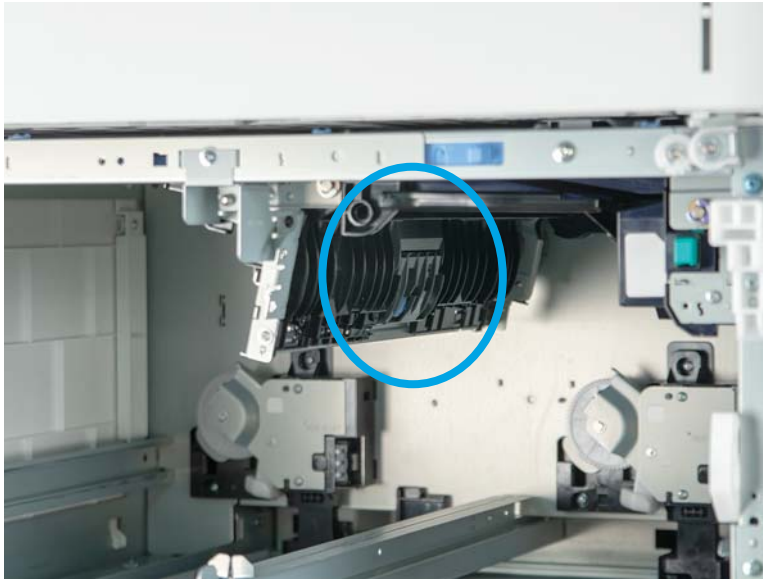
- b. Release the handle (callout 1) on the right tray, pull the tray out away from the feeder (callout 2), and then lift up slightly to remove the tray.

Figure 1-3452 Remove the right tray



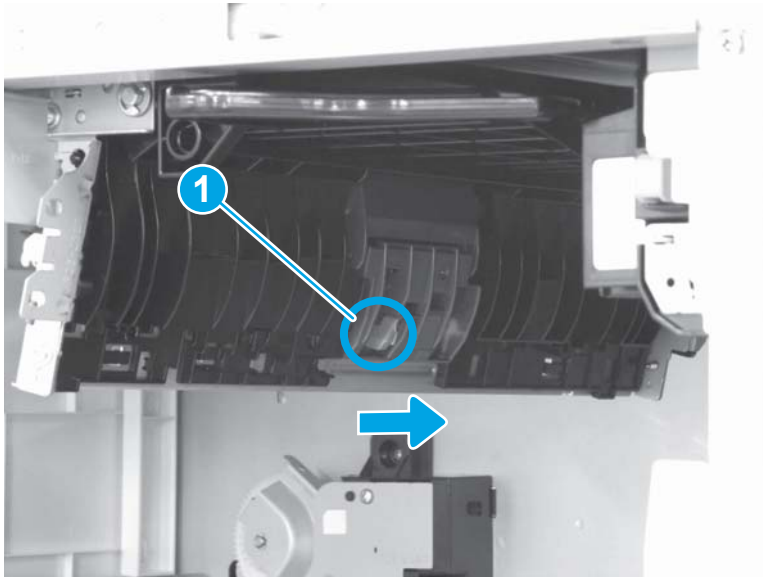
- c. Locate the left tray separation roller inside the right tray opening.

Figure 1-3453 Locate the left tray separation roller



- d. Press the release button (callout 1), slide the left tray separation roller assembly to the right, and then pull it away from the printer to remove it.

Figure 1-3454 Remove the left tray separation roller



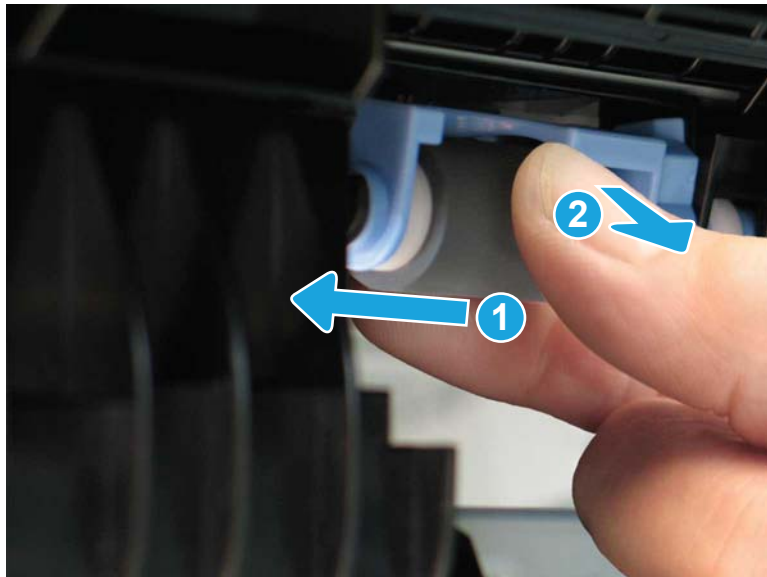
- 2. Remove the 2,700-sheet HCI paper tray and stand left tray pickup roller.
  - a. Locate the left tray pickup roller inside the right tray opening.

**Figure 1-3455** Locate the left tray pickup roller



- b. Slide the left tray pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

**Figure 1-3456** Remove the left tray pickup roller



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

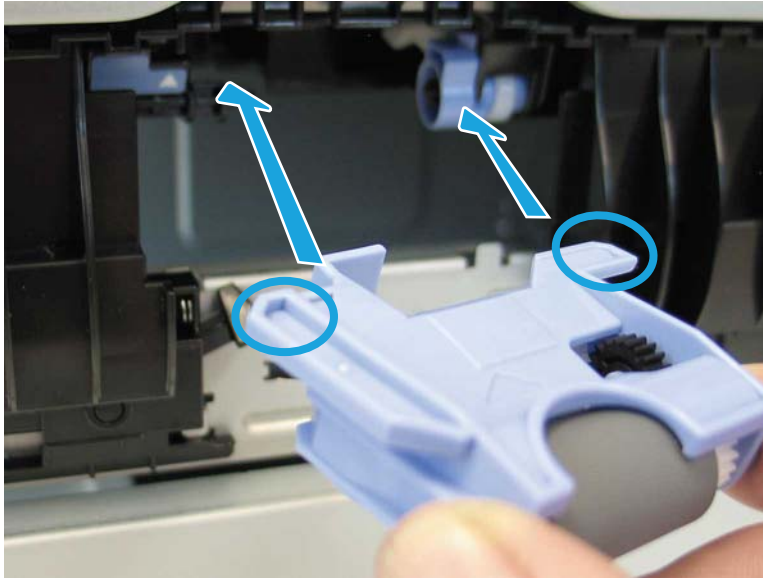
- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

4. Install the 2,700-sheet HCl paper tray and stand left tray pickup roller.
  - a. Inside the printer opening, align the edges of the left tray pickup roller assembly with the slots in the printer.

**Figure 1-3457** Position the left tray pickup roller



- b. Slide the roller assembly into the printer until it stops.

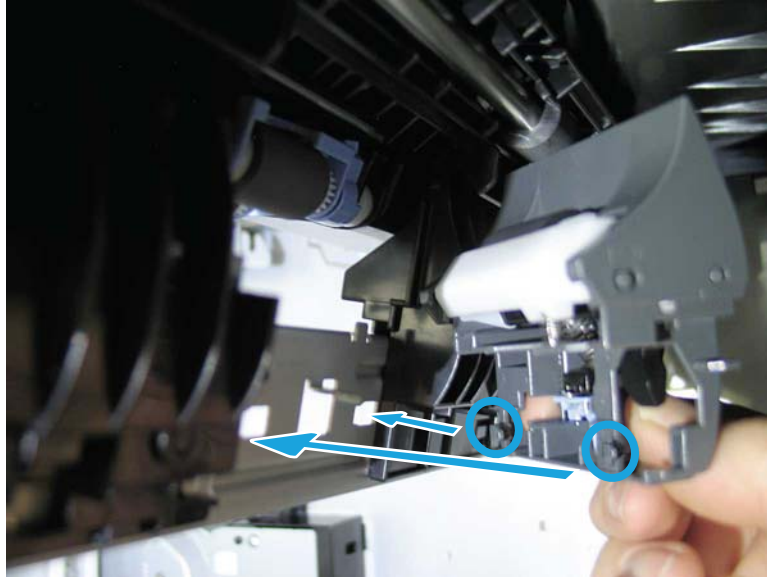
**Figure 1-3458** Install the left tray pickup roller



5. Install the 2,700-sheet HCl paper tray and stand left tray separation roller.
  - a. Inside the tray opening, position the tabs on the separation roller into the slots on the feeder.

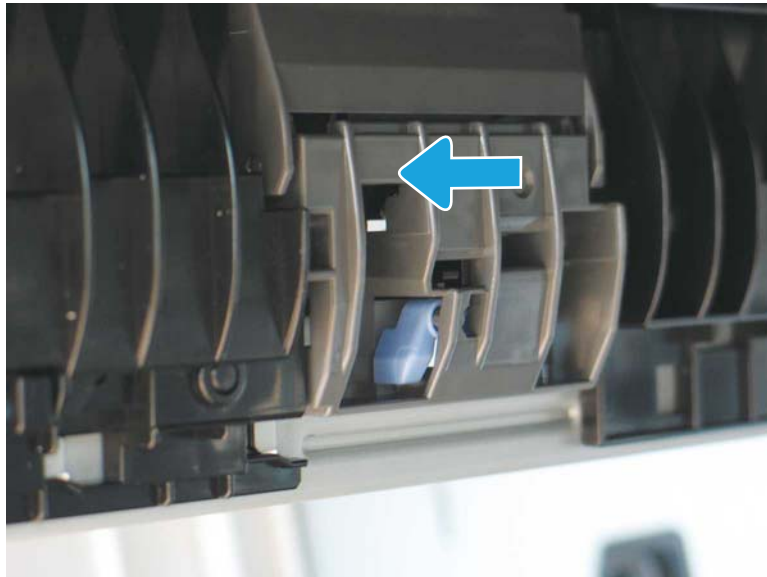


Figure 1-3459 Position the separation roller



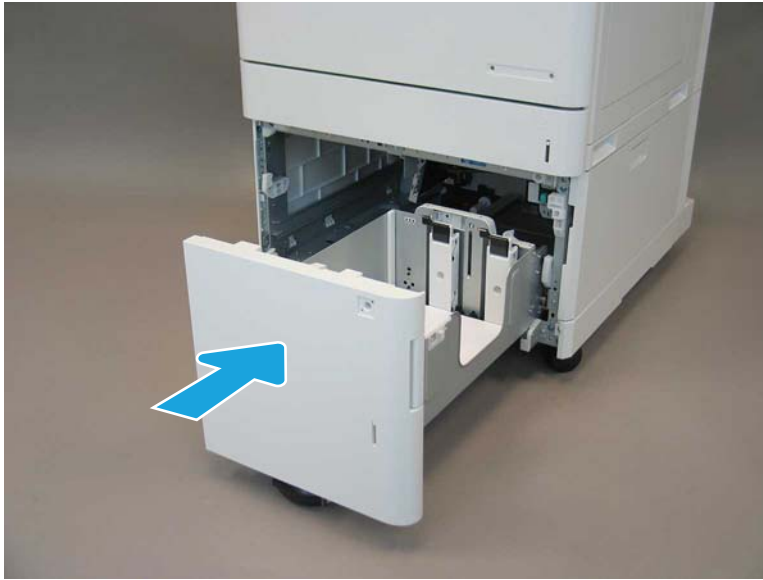
- b. Slide the roller assembly to the left until it snaps into place.

Figure 1-3460 Install the separation roller



- c. Install the right tray.

**Figure 1-3461** Install the right tray




- d. Install the left tray.

**Figure 1-3462** Install the left tray



### Removal and replacement: 2,700-sheet HCI paper tray and stand right tray pickup and separation rollers

Learn how to remove and replace the 2,700-sheet HCI paper tray and stand right tray pickup and separation rollers.

 [View a video of how to remove and replace the 2,700-sheet HCI paper tray and stand right tray pickup and separation rollers.](#)

Mean time to repair: 2 minutes

Service level: CSR A

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-183** Part information

Part number	Part description
RM2-1526-000CN	Tray 2-x pickup and separation rollers

## Required tools

- No special tools are required to remove or install this assembly.

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

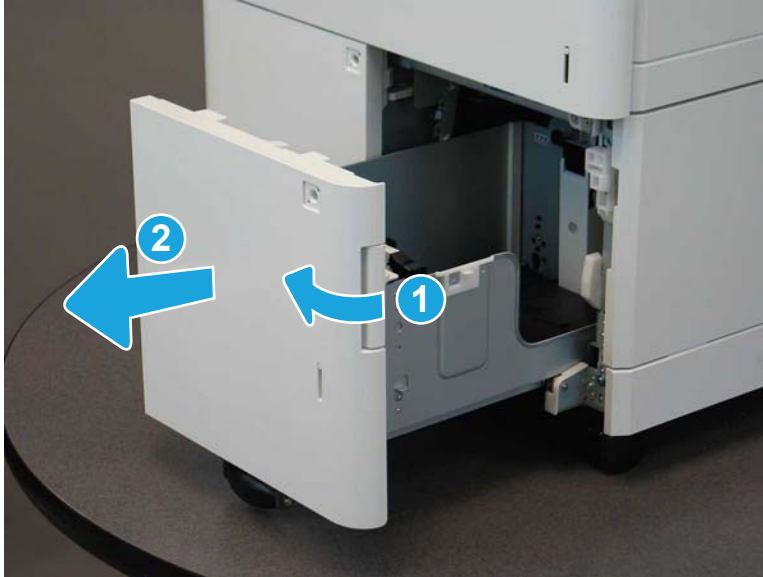
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCI paper tray and stand to make sure that the printer is functioning correctly.

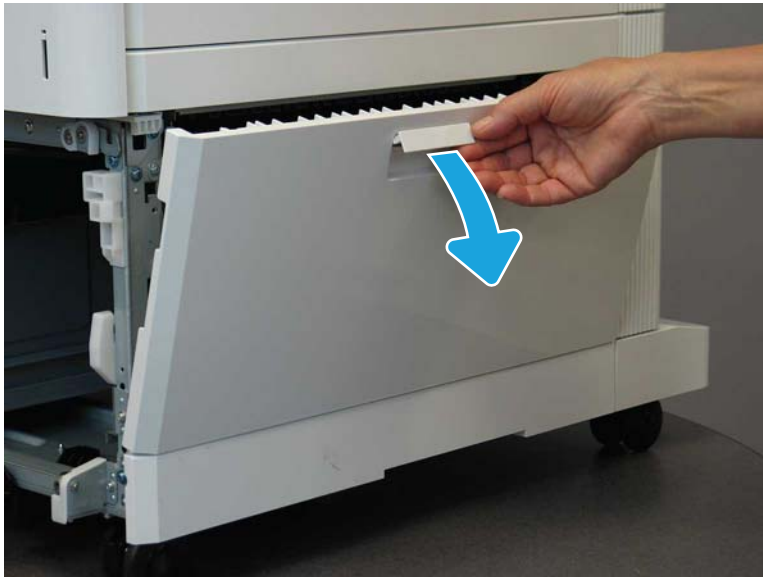
1. Remove the 2,700-sheet HCI paper tray and stand right tray separation roller
  - a. Open the right tray by releasing the handle (callout 1) and pulling the tray out away from the feeder (callout 2).

Figure 1-3463 Open the right tray



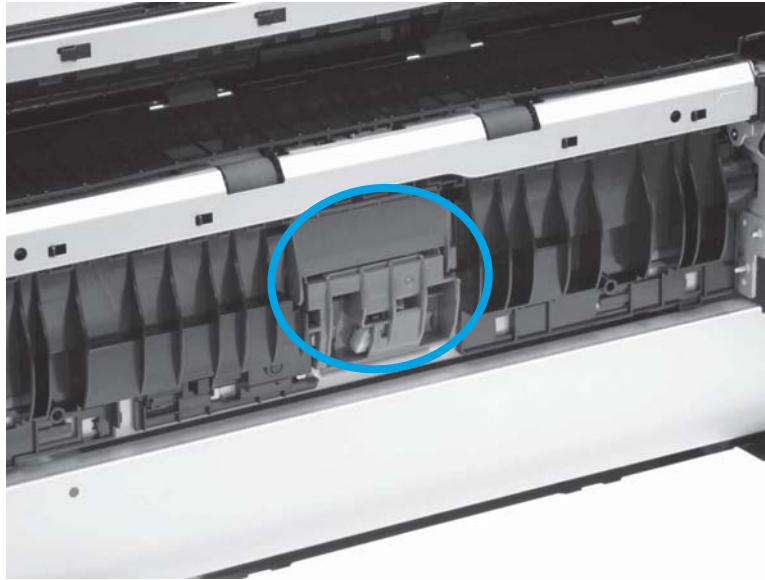
- b. Open the right door.

Figure 1-3464 Open the right door



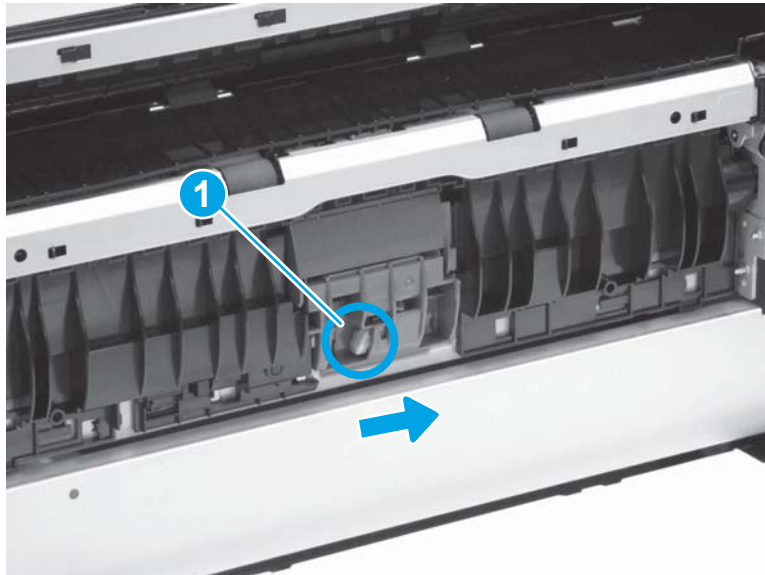
- c. Locate the right tray separation roller.

Figure 1-3465 Locate the separation roller



- d. Press the release button (callout 1), slide the right tray separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3466 Remove the separation roller assembly



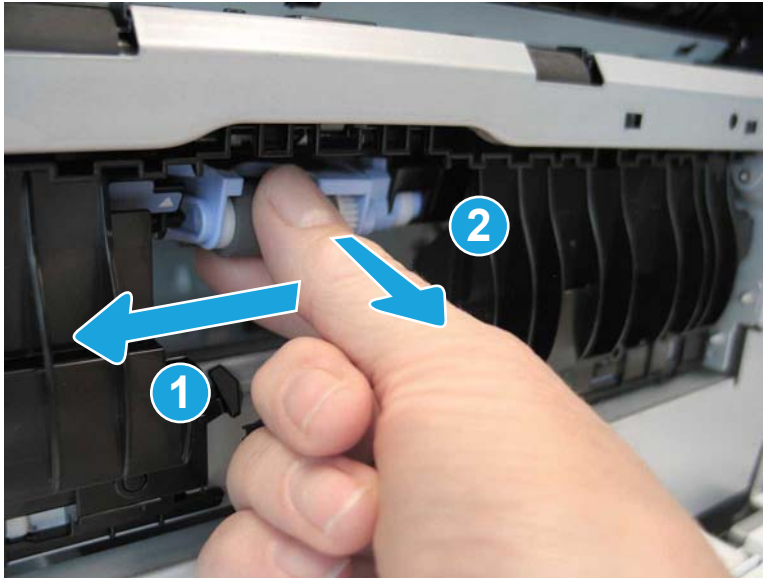
- 2. Remove the 2,700-sheet HCl paper tray and stand right tray pickup roller.
  - a. Locate the right tray pickup roller on the right side of the feeder.

Figure 1-3467 Locate the pickup roller



- b. Slide the right tray pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3468 Remove the right tray pickup roller



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


- b. Unpack the replacement part from the packaging.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

4. Install the 2,700-sheet HCI paper tray and stand right tray pickup roller.

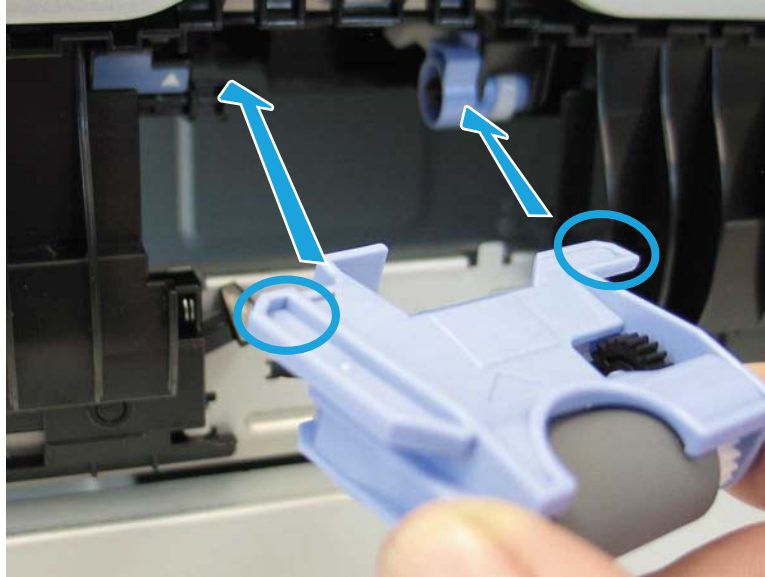
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 **NOTE:** Make sure that the tray is open before installing the roller.

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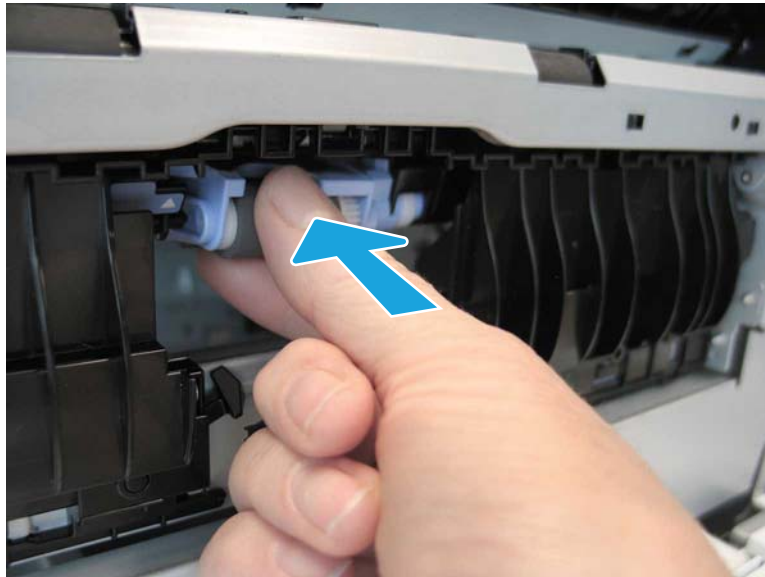
- a. On the right side of the printer, align the edges of the right tray pickup roller assembly with the slots in the printer.

**Figure 1-3469** Position the right tray pickup roller



- b. Slide the roller assembly into the printer until it stops.

**Figure 1-3470** Install the right tray pickup roller



5. Install the 2,700-sheet HCI paper tray and stand right tray separation roller.

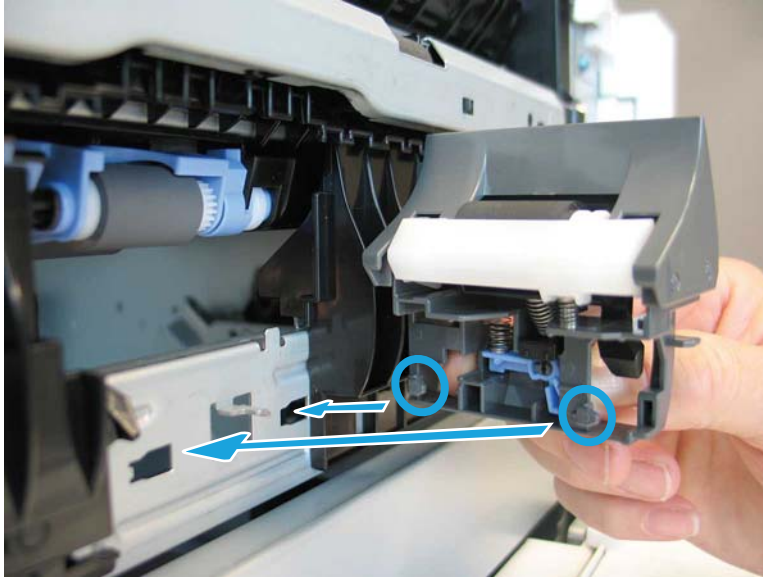
---

 **NOTE:** Make sure that the tray is open before installing the roller.

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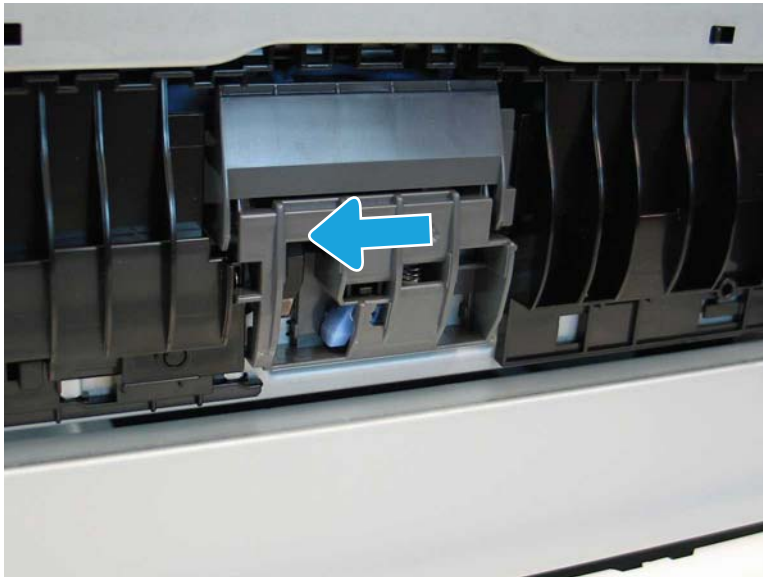
- a. On the right side of the feeder, position the tabs on the separation roller into the slots on the feeder.

Figure 1-3471 Position the separation roller



- b. Slide the roller assembly to the left until it snaps into place.

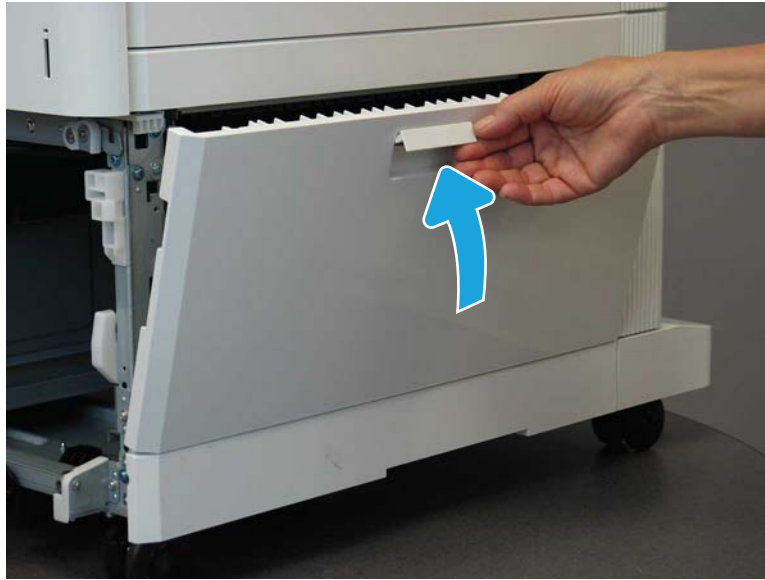
Figure 1-3472 Install the separation roller





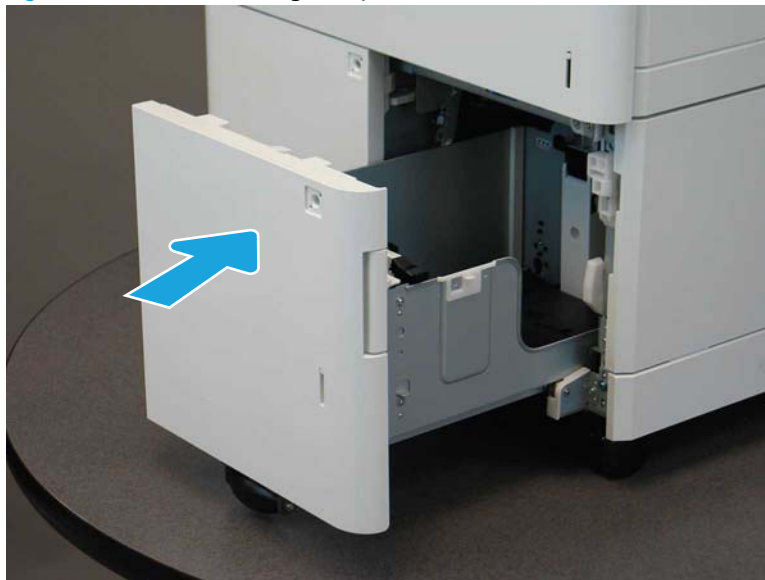
- c. Close the right door.

**Figure 1-3473** Close the right door



- d. Close the right tray.

**Figure 1-3474** Close the right tray



### Removal and replacement: 2,700-sheet HCI paper tray and stand right lower cover

Learn how to remove and replace the 2,700-sheet HCI paper tray and stand right lower cover.

 [View a video of how to remove and replace the 2,700-sheet HCI paper tray and stand right lower cover.](#)


Mean time to repair: 2 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-184 Part information

Part number	Part description
RC5-2064-000CN	Cover, right, lower

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

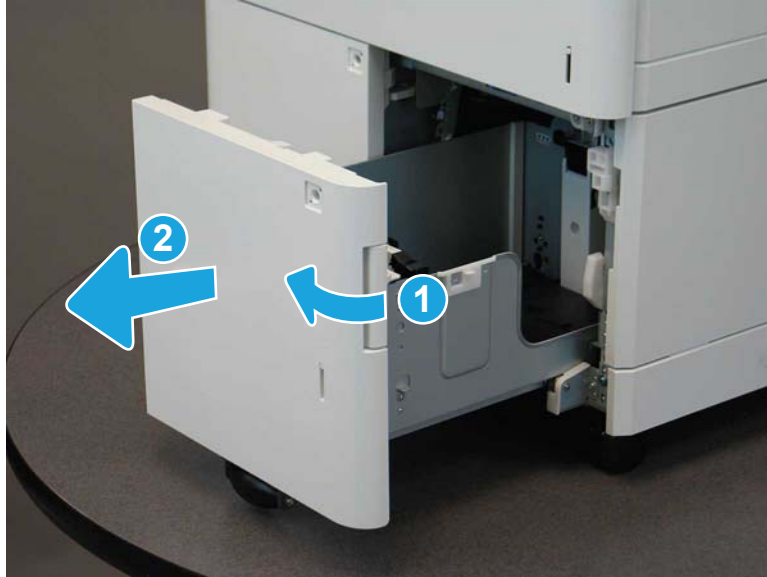
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2,700-sheet HCl paper tray and stand right tray.
  - ▲ Release the handle (callout 1), pull the tray out away from the feeder (callout 2), and then lift up slightly to remove the tray.

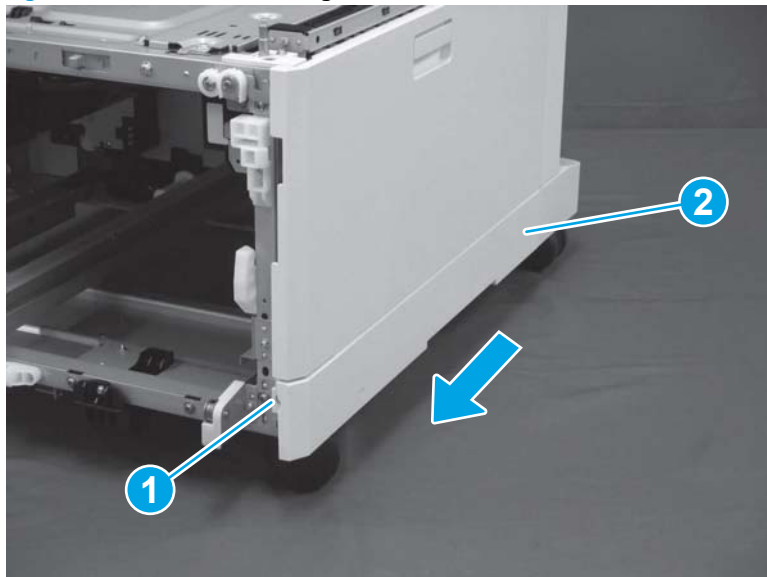
Figure 1-3475 Remove the right tray



2. Remove the 2,700-sheet HCI paper tray and stand right lower cover.

- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3476 Remove the right lower cover



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 2,700-sheet HCl paper tray and stand right door

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right door.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right door.](#)


Mean time to repair: 10 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-185 Part information

Part number	Part description
RM2-1740-000CN	Right door assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

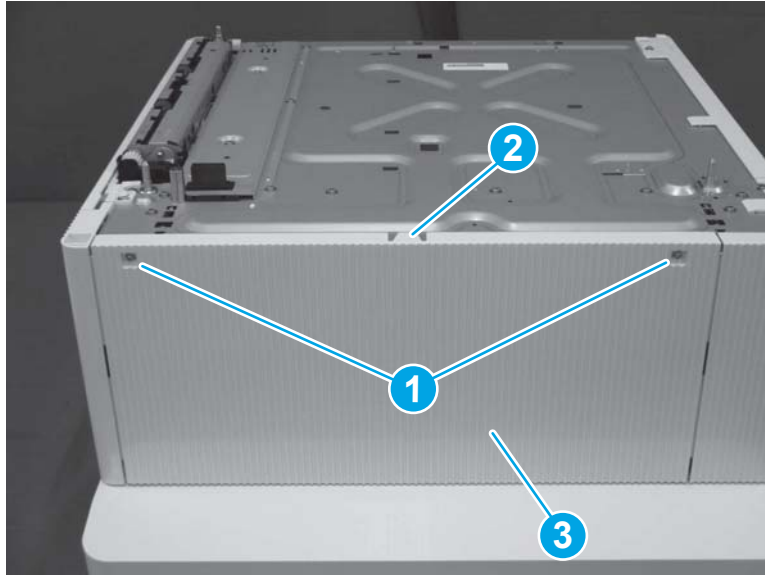
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

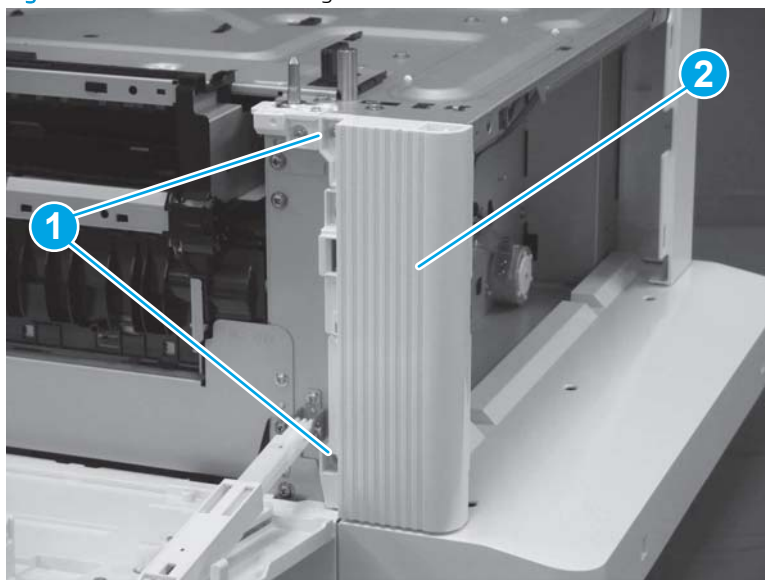
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3477** Remove the rear upper cover



2. Remove the 2,700-sheet HCl paper tray and stand right rear cover.
  - ▲ Remove two screws (callout 1), and then remove the right rear cover (callout 2).

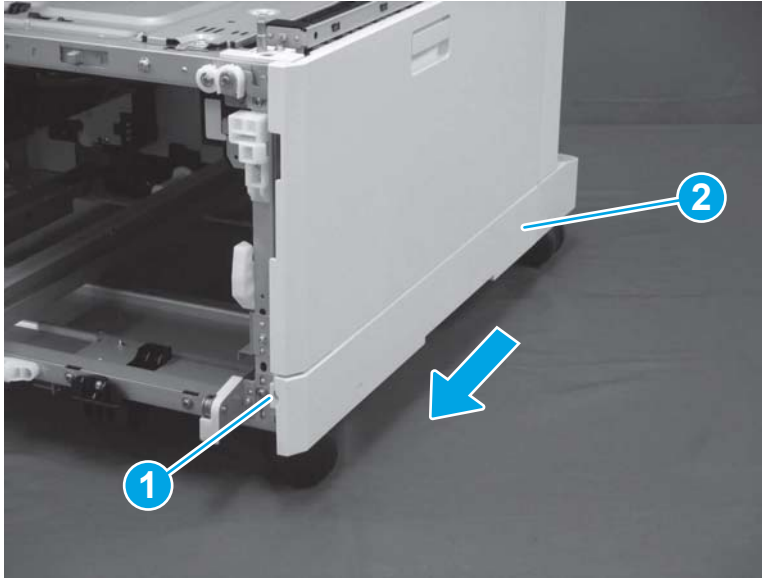
**Figure 1-3478** Remove the right rear cover



3. Remove the 2,700-sheet HCI paper tray and stand right lower cover.

- ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

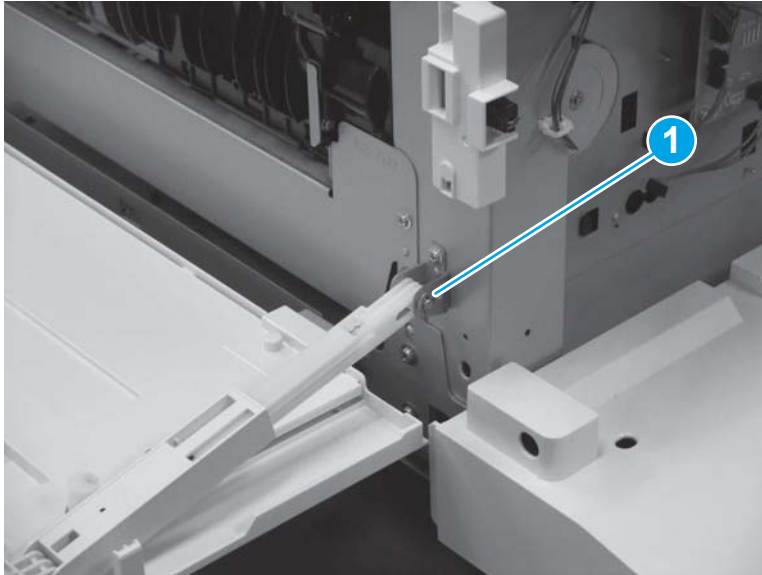
Figure 1-3479 Remove the right lower cover



4. Remove the 2,700-sheet HCI paper tray and stand right door.

- a. Remove one E-ring (callout 1).

Figure 1-3480 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

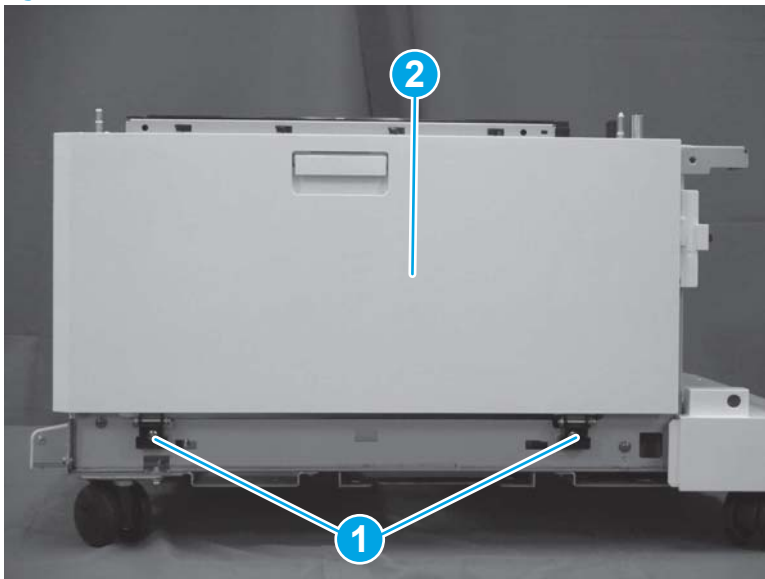
 **NOTE:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

**Figure 1-3481** Release the hinge arm




- c. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

**Figure 1-3482** Remove the right door



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---


c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 2,700-sheet HCl paper tray and stand right tray pickup motor

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right tray pickup motor.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right tray pickup motor.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-186 Part information

Part number	Part description
RK2-9410-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.



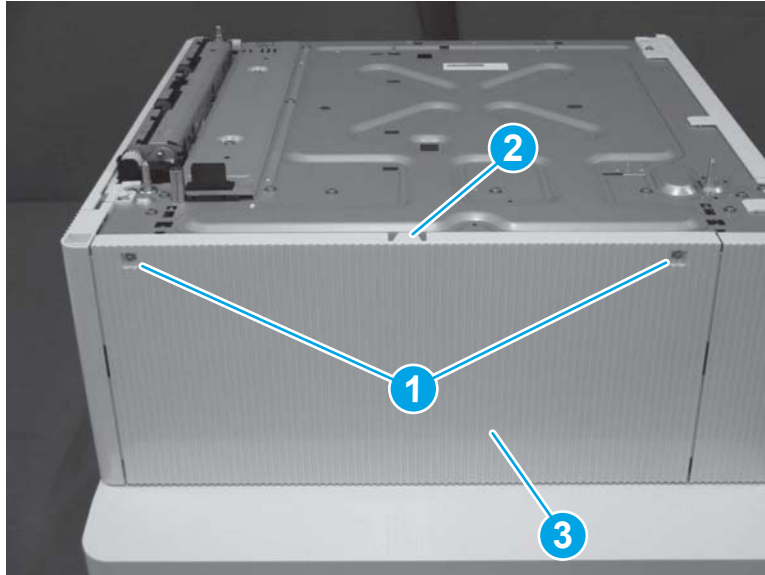
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

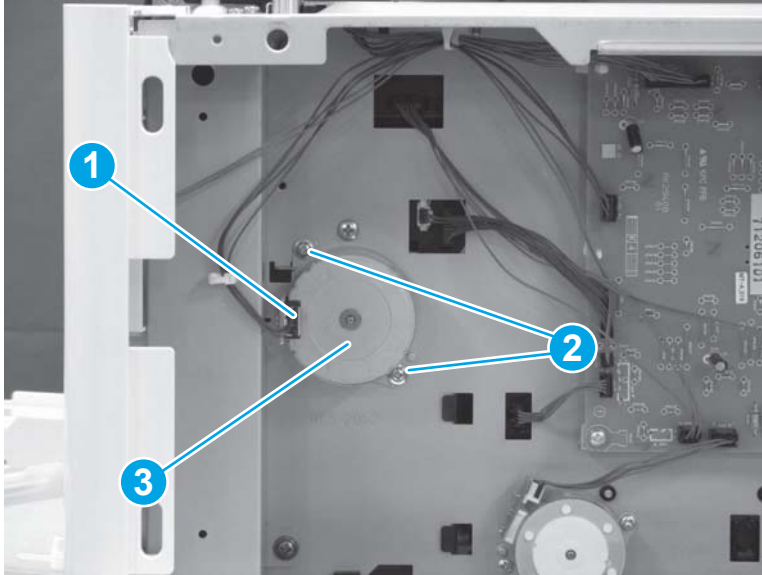
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3483** Remove the rear upper cover



2. Remove the 2,700-sheet HCl paper tray and stand right tray pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the HCl right tray pickup motor (callout 3).

Figure 1-3484 Remove the right tray pickup motor



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2,700-sheet HCl paper tray and stand right tray pickup assembly

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right tray pickup assembly.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right tray pickup assembly.](#)

Mean time to repair: 18 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-187** Part information

Part number	Part description
RM2-1717-000CN	Paper pickup assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

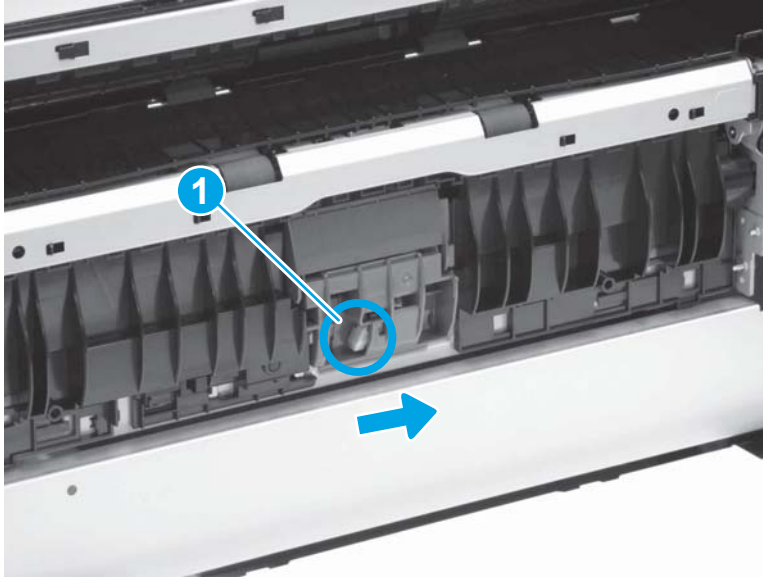
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

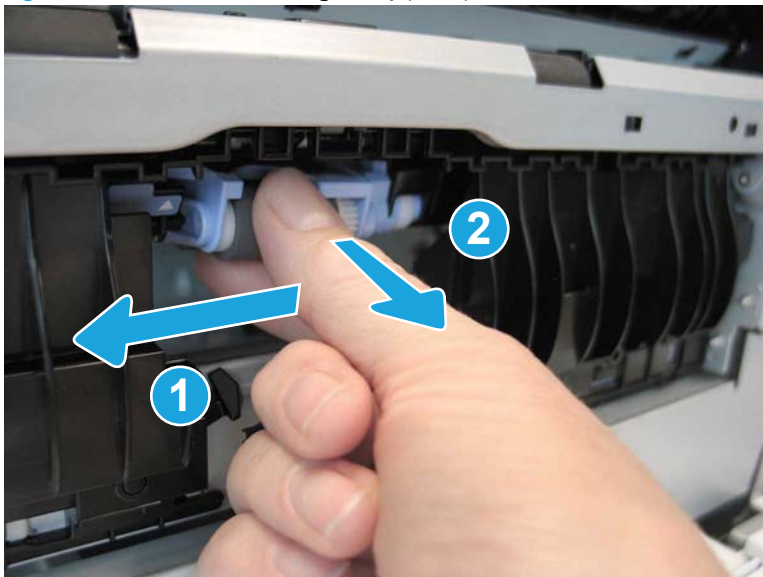
1. Remove the 2,700-sheet HCl paper tray and stand right tray separation roller.
  - ▲ Press the release button (callout 1), slide the right tray separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3485 Remove the separation roller assembly



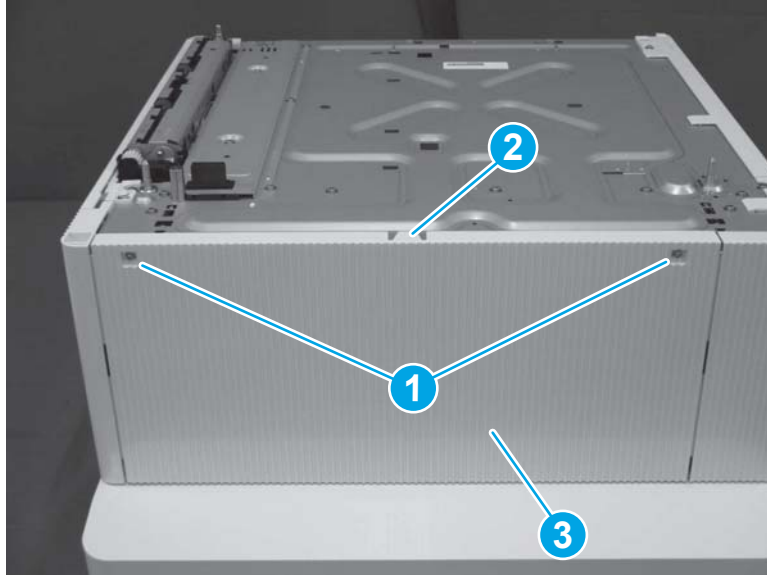
2. Remove the 2,700-sheet HCI paper tray and stand right tray pickup roller.
  - ▲ On the right side of the feeder, slide the right tray pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3486 Remove the right tray pickup roller



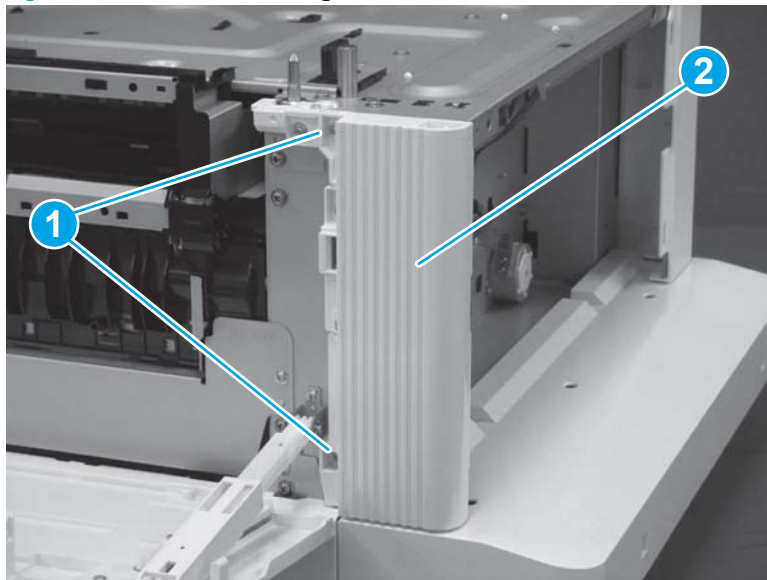
3. Remove the 2,700-sheet HCI paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

Figure 1-3487 Remove the rear upper cover



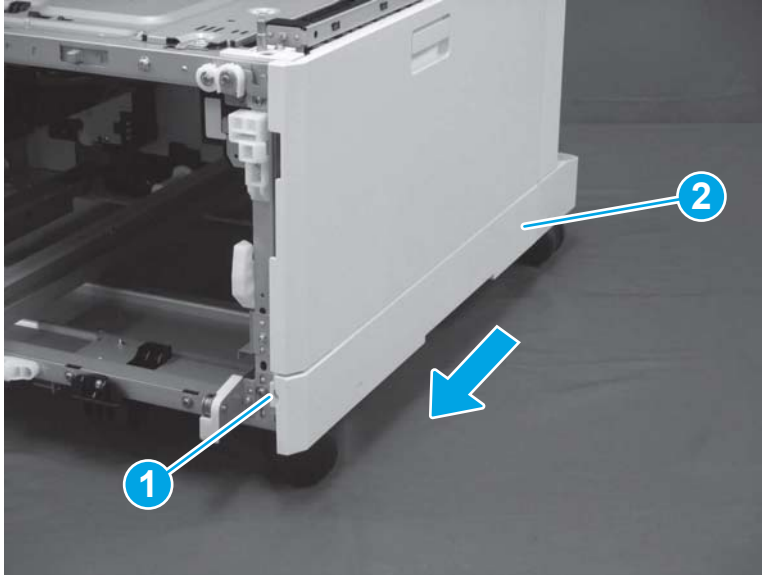
4. Remove the 2,700-sheet HCl paper tray and stand right rear cover.
  - ▲ Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3488 Remove the right rear cover



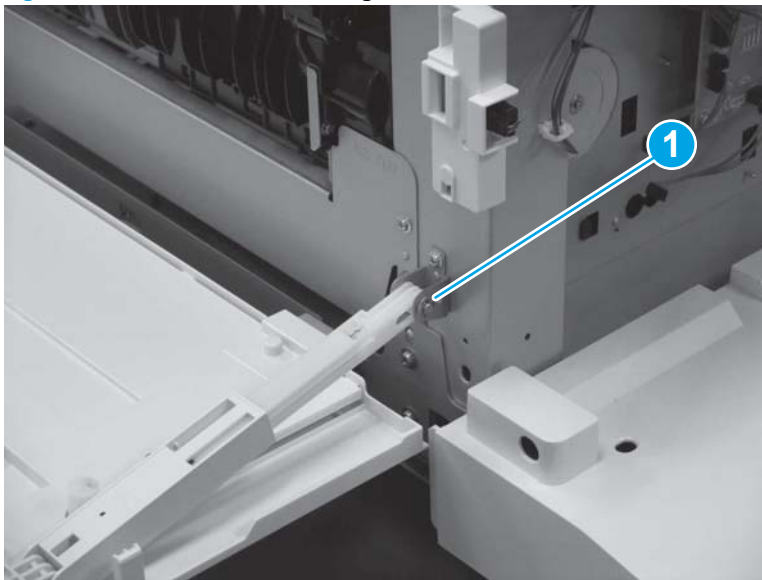
5. Remove the 2,700-sheet HCl paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3489 Remove the right lower cover



6. Remove the 2,700-sheet HCI paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

Figure 1-3490 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

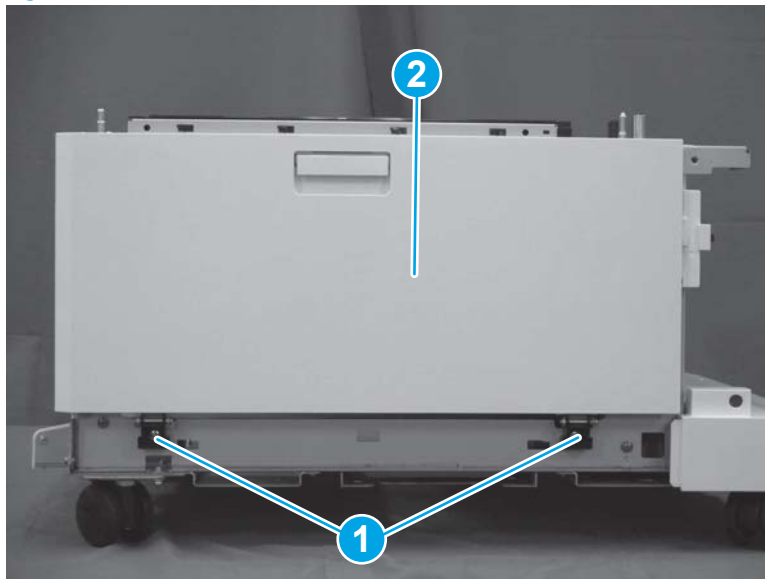
 **NOTE:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

**Figure 1-3491** Release the hinge arm



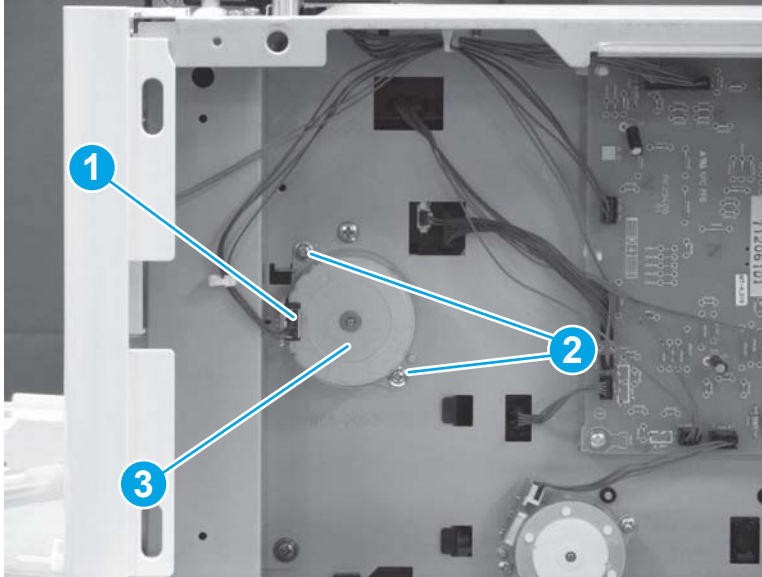
- c. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

**Figure 1-3492** Remove the right door



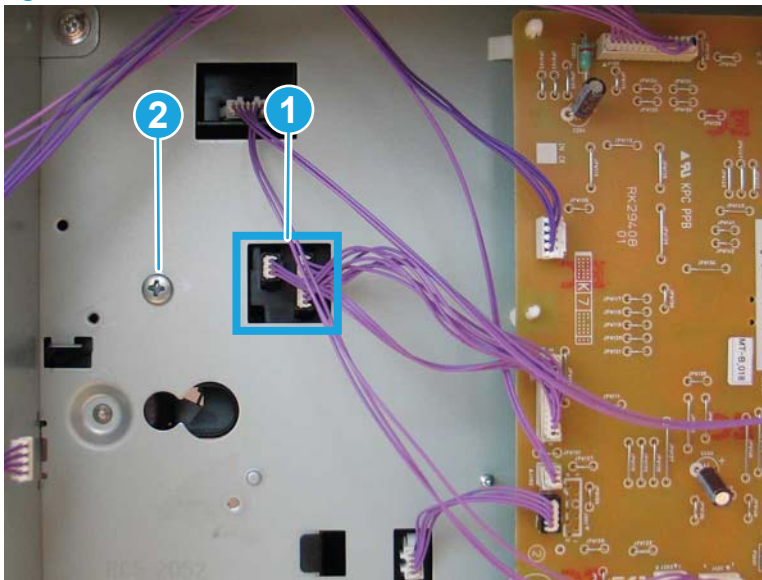
7. Remove the 2,700-sheet HCI paper tray and stand right tray pickup motor.
- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the HCI right tray pickup motor (callout 3).

Figure 1-3493 Remove the right tray pickup motor



8. Remove the 2,700-sheet HCI paper tray and stand right tray pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

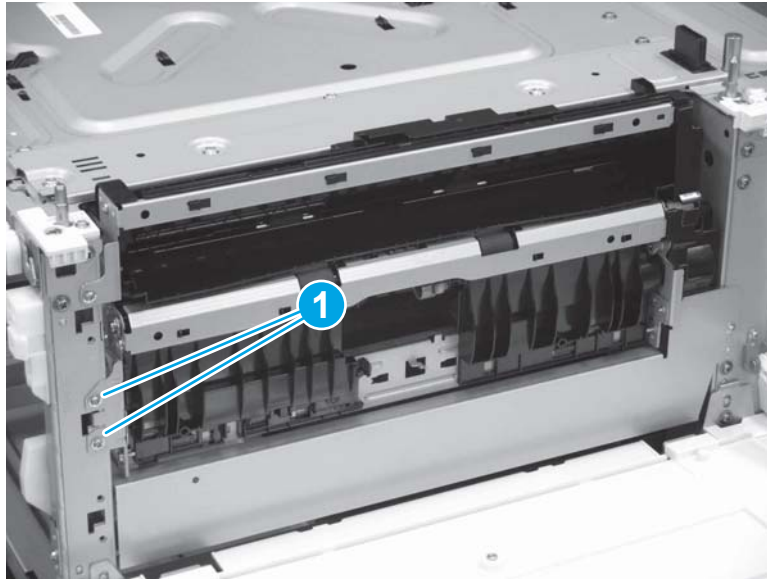
Figure 1-3494 Disconnect two connectors and remove one screw





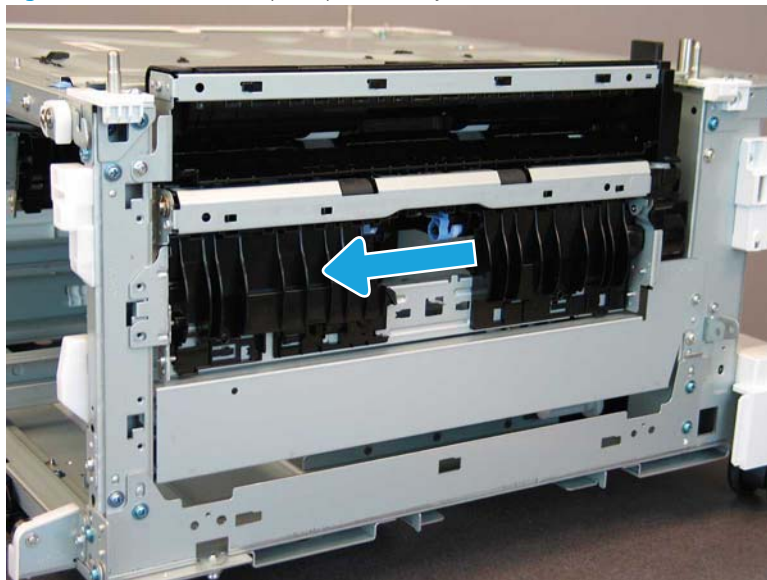
- b. Remove two screws (callout 1).

Figure 1-3495 Remove two screws



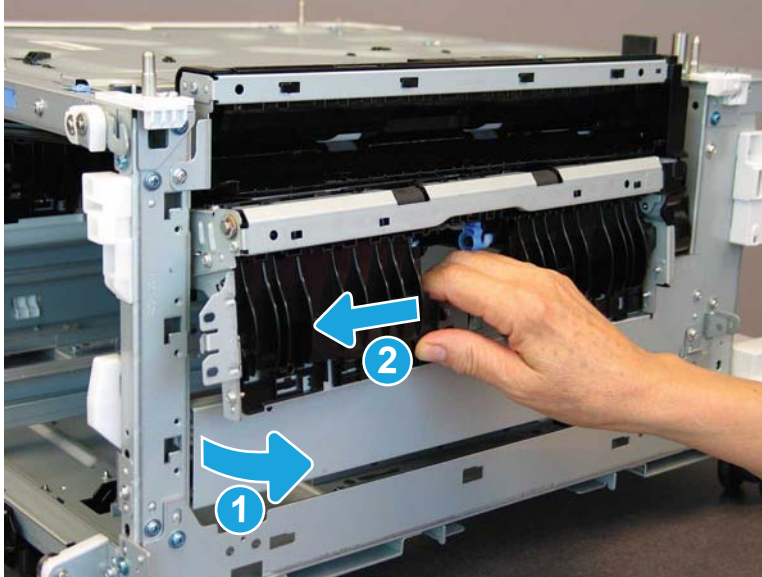
- c. Slide the pickup assembly toward the front of the feeder.

Figure 1-3496 Slide the pickup assembly



- d. Rotate the left side of the assembly away from the feeder (callout 1), and then slide it to the left (callout 2) to remove it.

**Figure 1-3497** Remove the pickup assembly



9. Unpack the replacement assembly.

- a. Dispose of the defective part.

---


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

---

- b. Unpack the replacement part from the packaging.


---

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

- c. To install an assembly, reverse the removal steps.

---

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

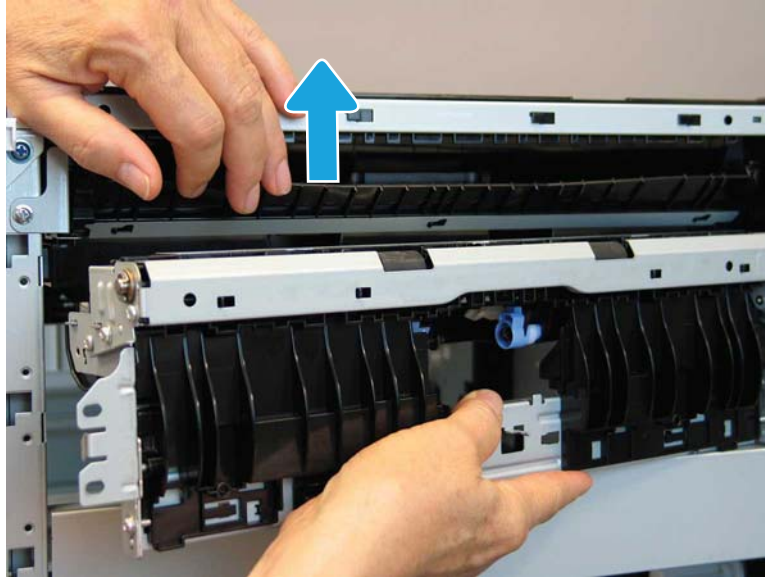
---

10. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

Install the 2,700-sheet HCI paper tray and stand right tray pickup assembly

- ▲ Raise the flap on the feed assembly to install the right tray pickup assembly.

Figure 1-3498 Raise the feed assembly flap



### Removal and replacement: 2,700-sheet HCI paper tray and stand feed assembly

Learn how to remove and replace the 2,700-sheet HCI paper tray and stand feed assembly.

 [View a video of how to remove and replace the 2,700-sheet HCI paper tray and stand feed assembly.](#)


Mean time to repair: 21 minutes

Service level: Medium

#### Before performing service

##### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-188 Part information

Part number	Part description
RM2-1730-000CN	Paper feed assembly

#### Required tools

- #2 Phillips screwdriver with a magnetic tip

#### After performing service

##### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

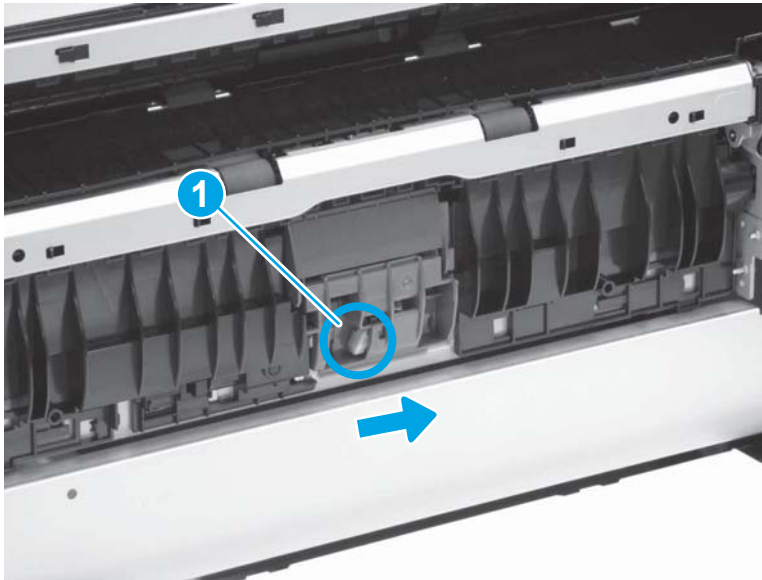
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

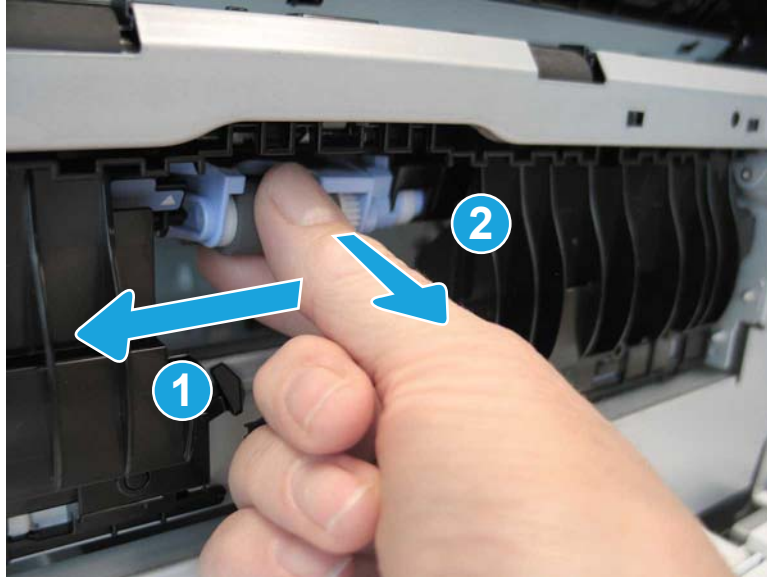
1. Remove the 2,700-sheet HCl paper tray and stand right tray separation roller.
  - ▲ Press the release button (callout 1), slide the right tray separation roller assembly to the right, and then pull it away from the printer to remove it .

**Figure 1-3499** Remove the separation roller assembly



2. Remove the 2,700-sheet HCl paper tray and stand right tray pickup roller.
  - ▲ On the right side of the feeder, slide the right tray pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

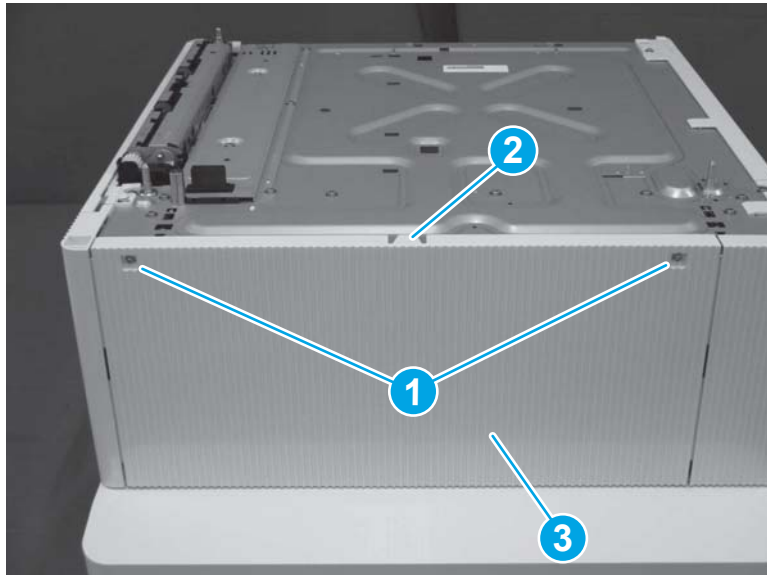
Figure 1-3500 Remove the right tray pickup roller



3. Remove the 2,700-sheet HCI paper tray and stand rear upper cover

- ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

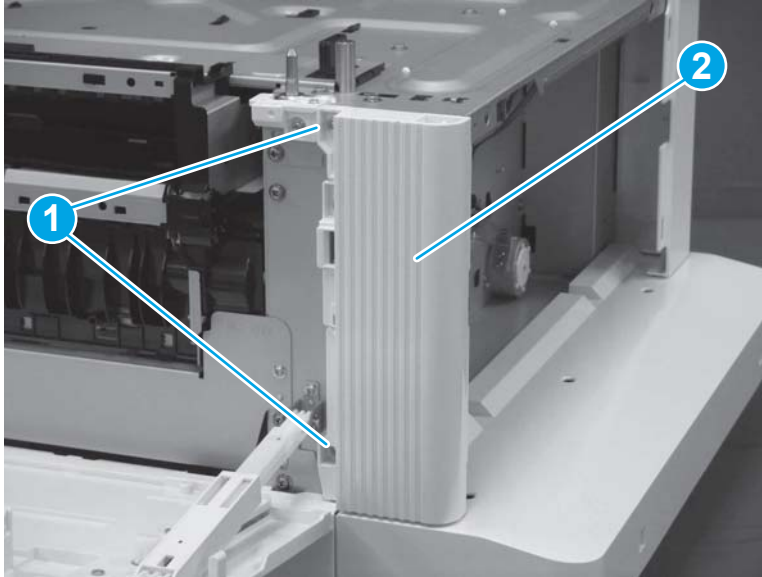
Figure 1-3501 Remove the rear upper cover



4. Remove the 2,700-sheet HCI paper tray and stand right rear cover.

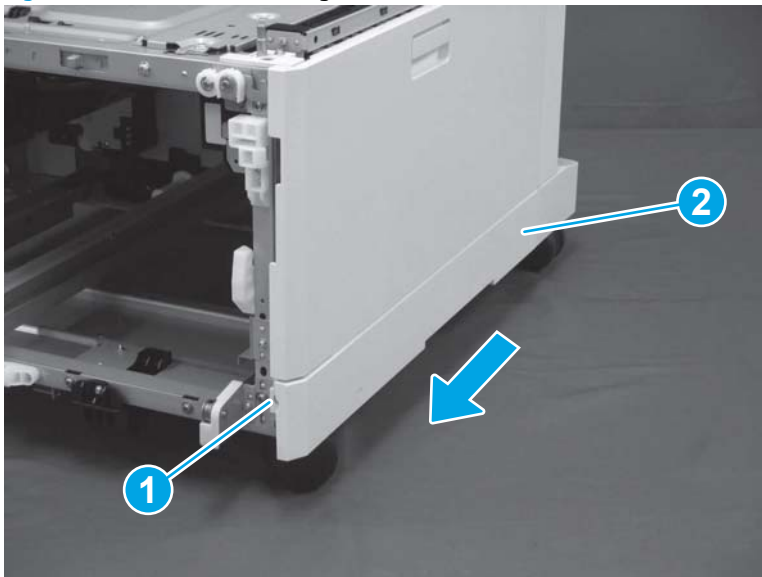
- ▲ Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3502 Remove the right rear cover



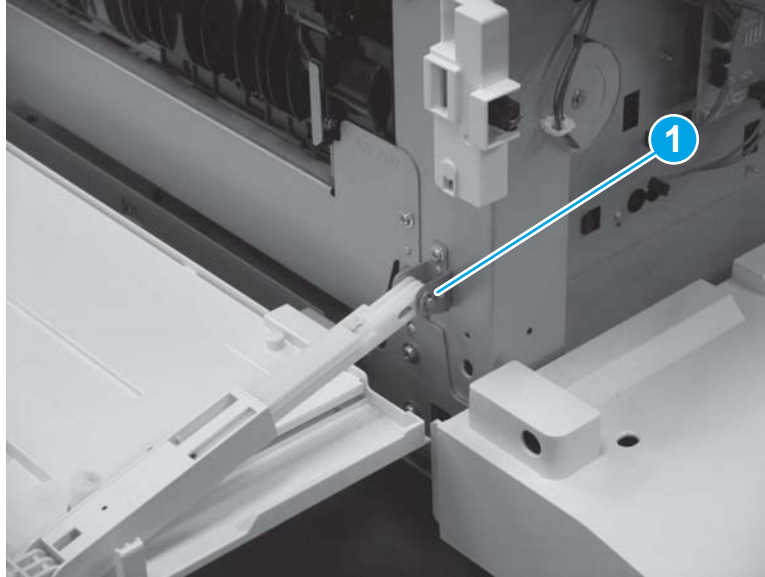
5. Remove the 2,700-sheet HCI paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3503 Remove the right lower cover



6. Remove the 2,700-sheet HCI paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

Figure 1-3504 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.


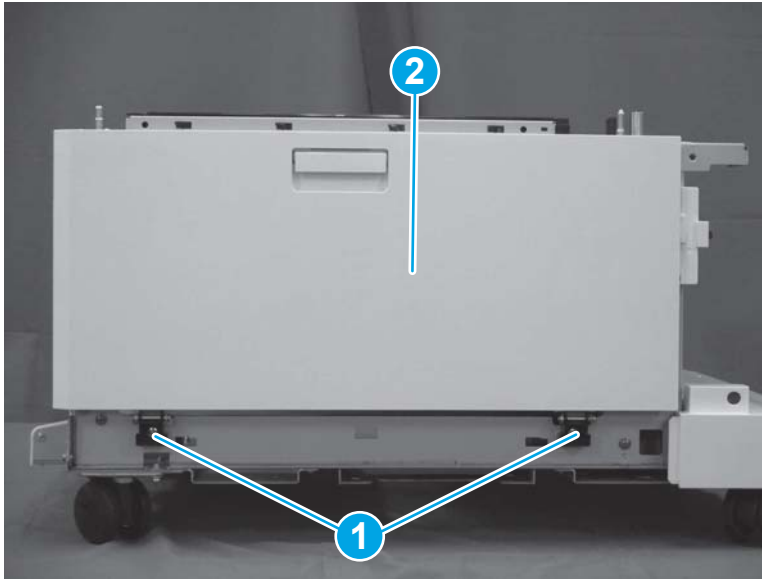
 **NOTE:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

Figure 1-3505 Release the hinge arm



- c. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

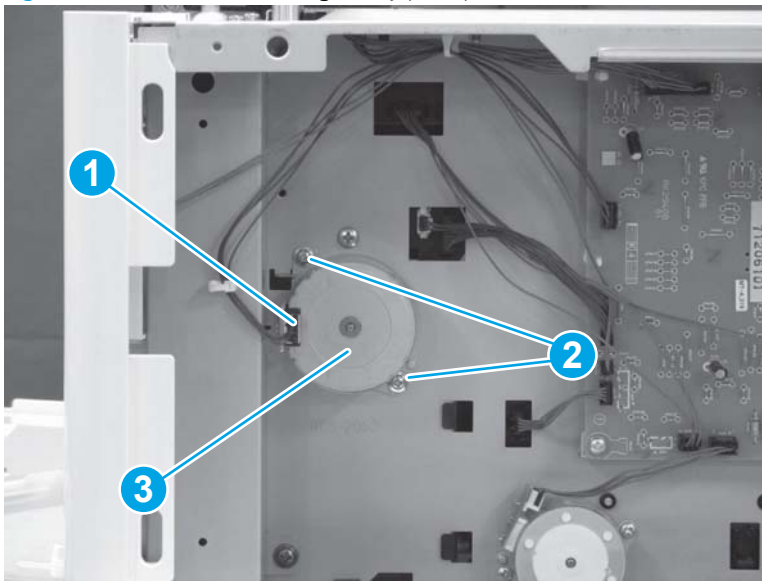
Figure 1-3506 Remove the right door



- 7. Remove the 2,700-sheet HCI paper tray and stand right tray pickup motor.

- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the HCI right tray pickup motor (callout 3).

Figure 1-3507 Remove the right tray pickup motor

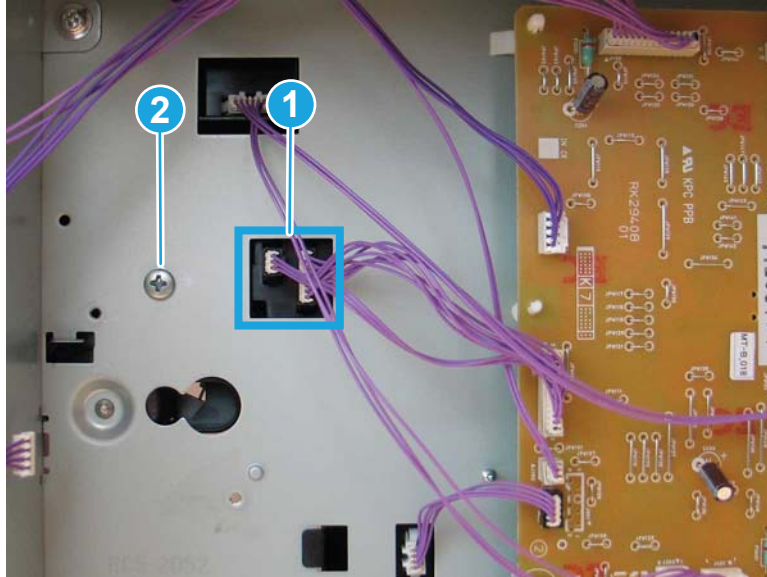


- 8. Remove the 2,700-sheet HCI paper tray and stand right tray pickup assembly.

- a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

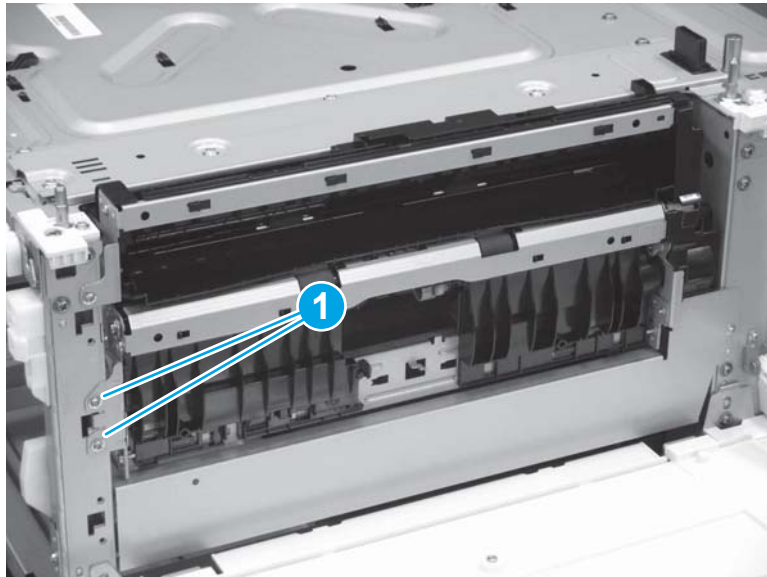


Figure 1-3508 Disconnect two connectors and remove one screw



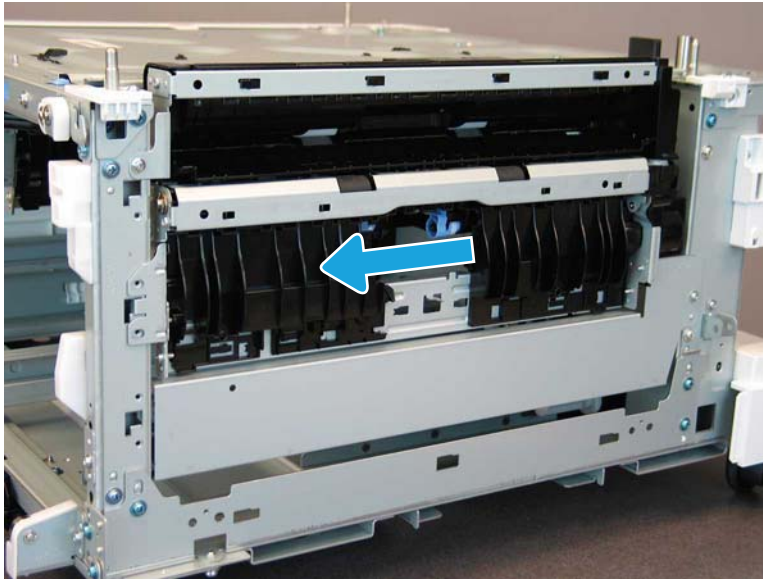
- b. Remove two screws (callout 1).

Figure 1-3509 Remove two screws



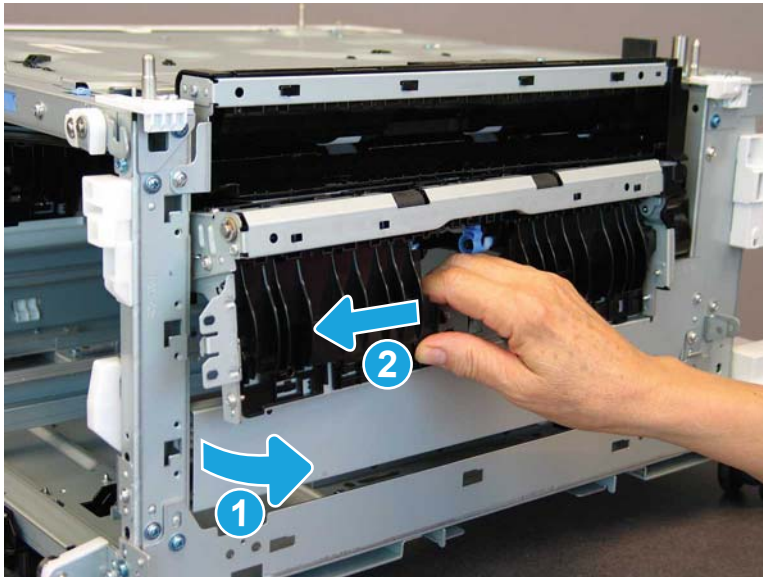
- c. Slide the pickup assembly toward the front of the feeder.

Figure 1-3510 Slide the pickup assembly



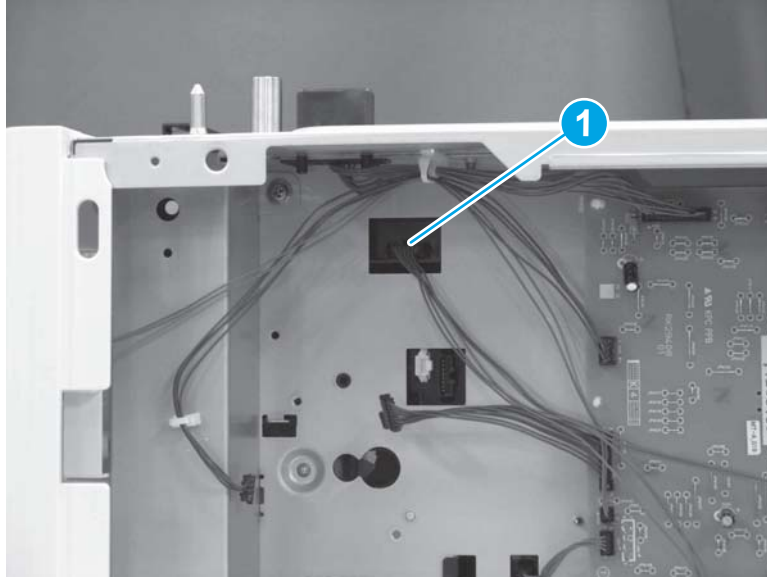
- d. Rotate the left side of the assembly away from the feeder (callout 1), and then slide it to the left (callout 2) to remove it.

Figure 1-3511 Remove the pickup assembly



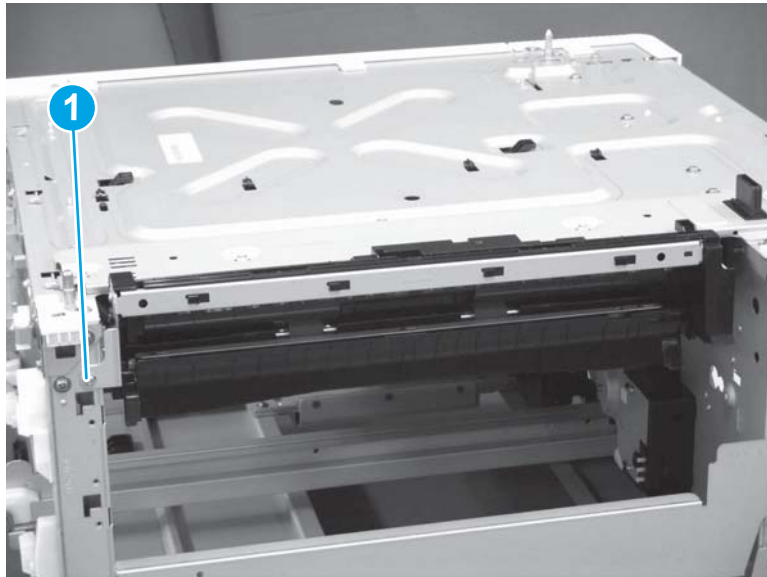
- 9. Remove the 2,700-sheet HCI paper tray and stand feed assembly.
  - a. Disconnect one connector (callout 1).

Figure 1-3512 Disconnect one connector



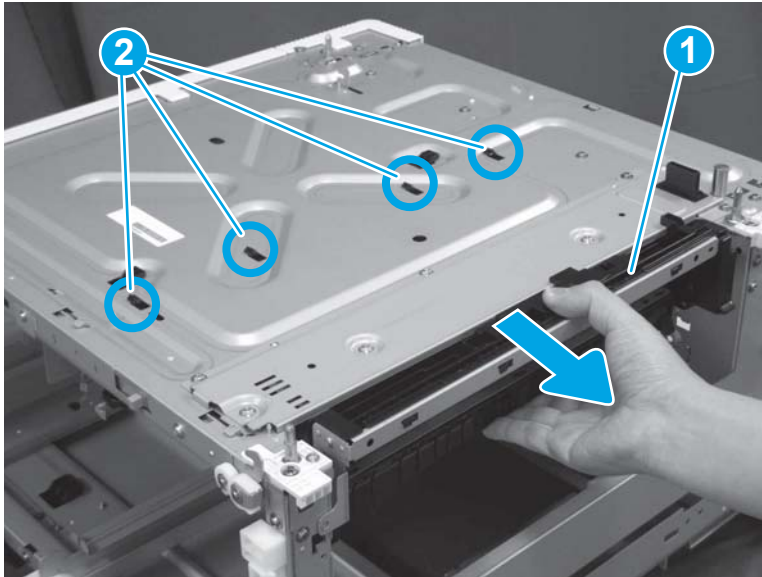
- b. Remove one screw.

Figure 1-3513 Remove one screw



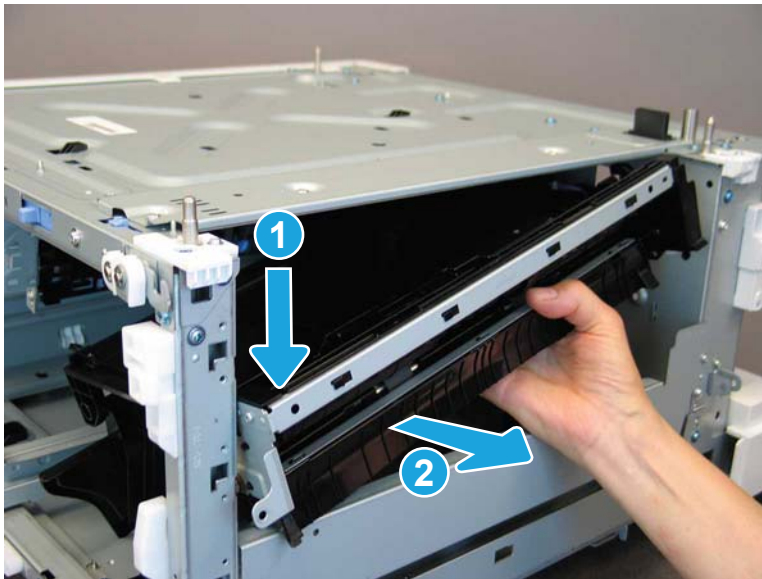
- c. Slide the feed assembly (callout 1) toward the front of the feeder to release four lugs (callout 2), and then lower the assembly.

Figure 1-3514 Release four lugs




- d. Rotate the left side of the feed assembly down (callout 1), and then pull the assembly away from the printer (callout 2) to remove it.

Figure 1-3515 Remove the feed assembly



- 10. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

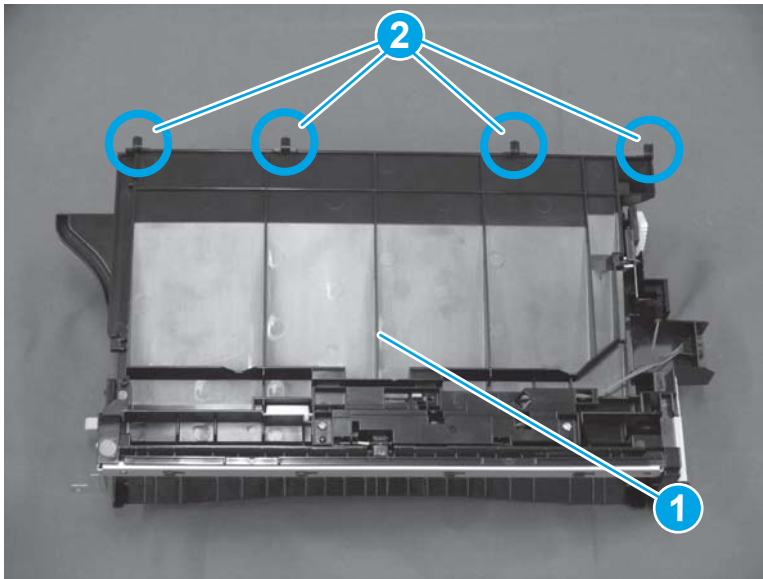
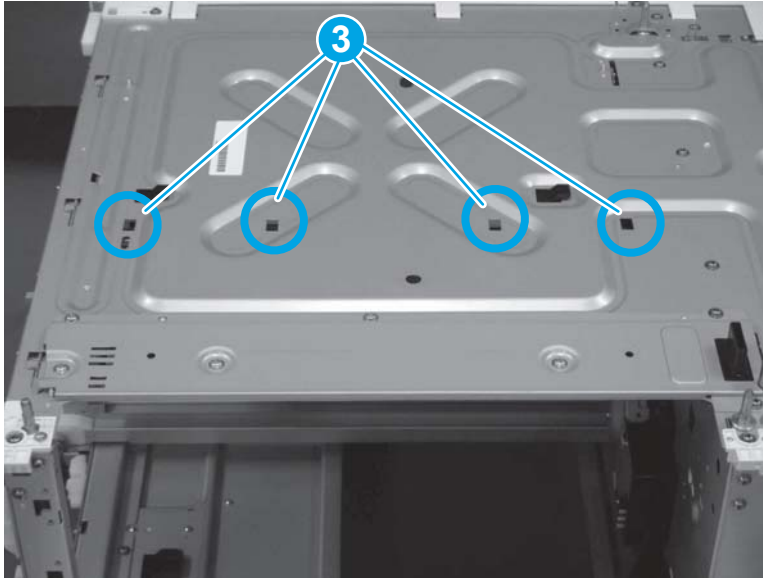
---

11. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the 2,700-sheet HCI paper tray and stand feed assembly

- ▲ When installing the feed assembly (callout 1), make sure that the four hooks (callout 2) on the assembly fit into the openings (callout 3) on the feeder.

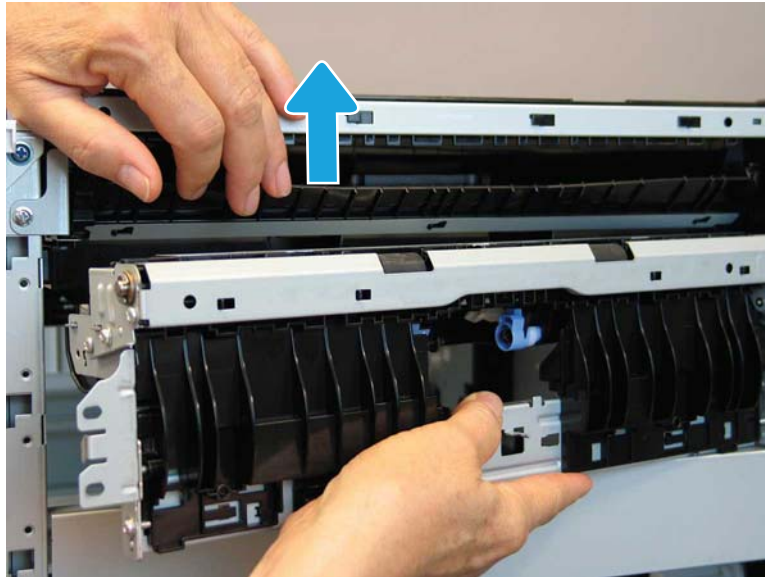
Figure 1-3516 Install the feed assembly



## Install the 2,700-sheet HCl paper tray and stand right tray pickup assembly


- ▲ Raise the flap on the feed assembly to install the right tray pickup assembly.

Figure 1-3517 Raise the feed assembly flap



## Removal and replacement: 2,700-sheet HCl paper tray and stand left tray pickup motor

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left tray pickup motor.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left tray pickup motor.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-189 Part information

Part number	Part description
RK2-9410-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

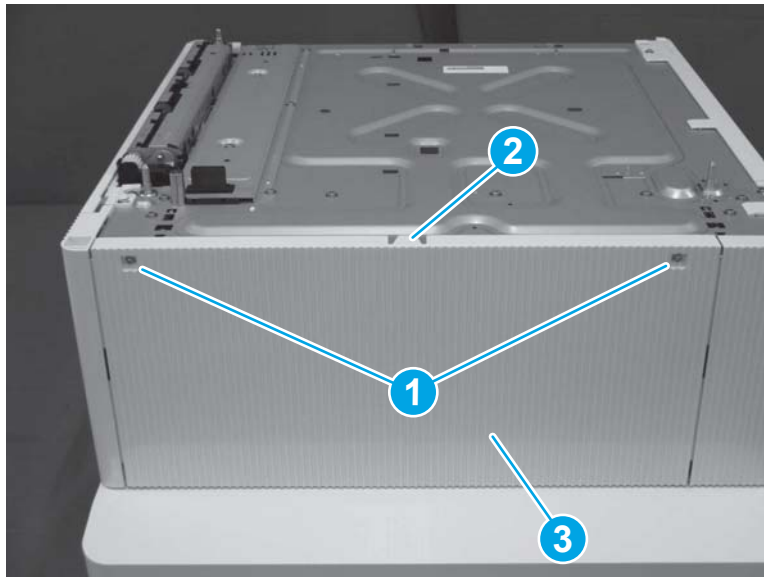
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCI paper tray and stand to make sure that the printer is functioning correctly.

1. Remove the 2,700-sheet HCI paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

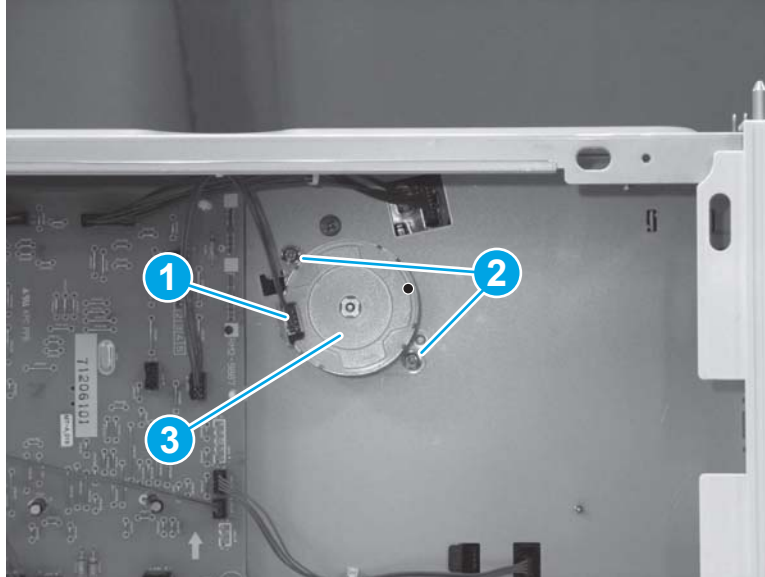
Figure 1-3518 Remove the rear upper cover



2. Remove the 2,700-sheet HCI paper tray and stand left tray pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the HCI left tray pickup motor (callout 3).



Figure 1-3519 Remove the left tray pickup motor



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2,700-sheet HCl paper tray and stand left tray pickup assembly

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left tray pickup assembly.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left tray pickup assembly.](#)


Mean time to repair: 25 minutes

Service level: Medium

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-190 Part information

Part number	Part description
RM2-1741-000CN	Paper pickup assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

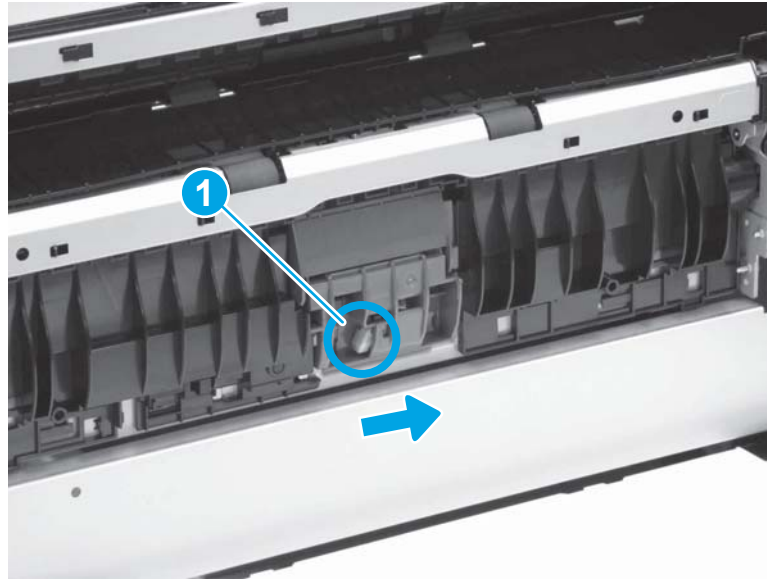
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

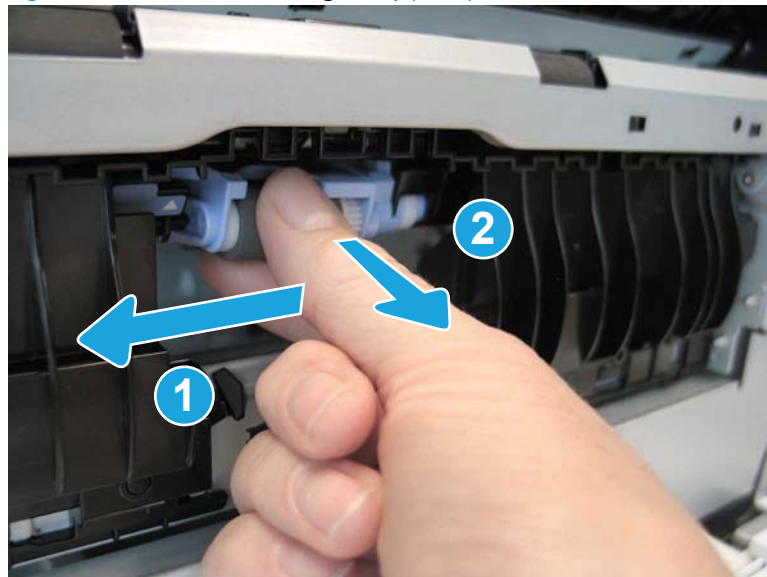
1. Remove the 2,700-sheet HCl paper tray and stand right tray separation roller.
  - ▲ Press the release button (callout 1), slide the right tray separation roller assembly to the right, and then pull it away from the printer to remove it .

Figure 1-3520 Remove the separation roller assembly



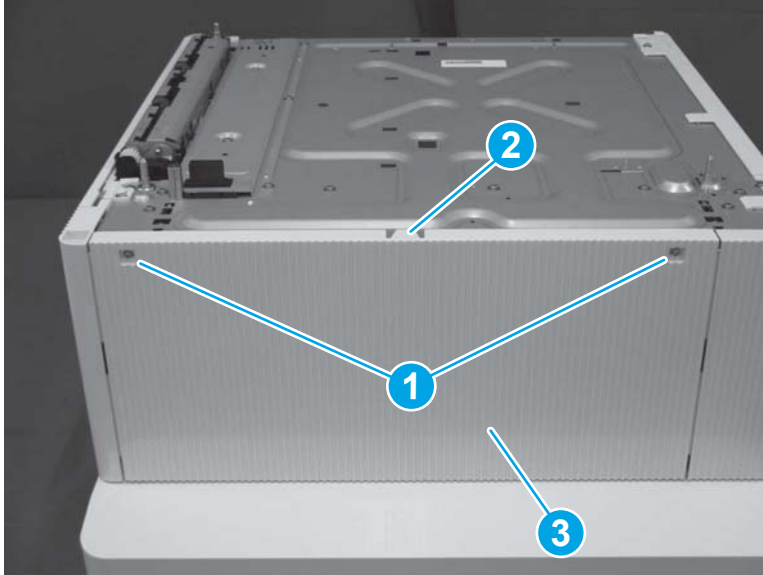
2. Remove the 2,700-sheet HCI paper tray and stand right tray pickup roller.
  - ▲ On the right side of the feeder, slide the right tray pickup roller assembly to the left (callout 1), and then pull it away from the printer (callout 2) to remove it.

Figure 1-3521 Remove the right tray pickup roller



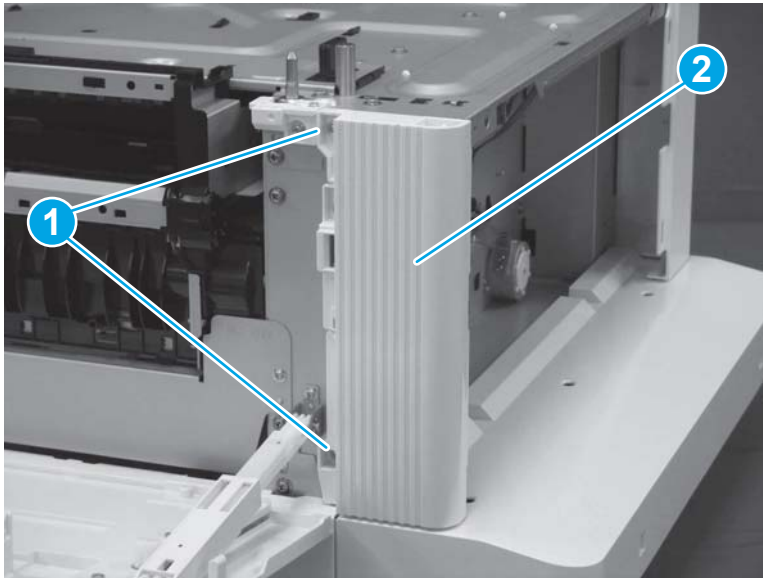
3. Remove the 2,700-sheet HCI paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

Figure 1-3522 Remove the rear upper cover



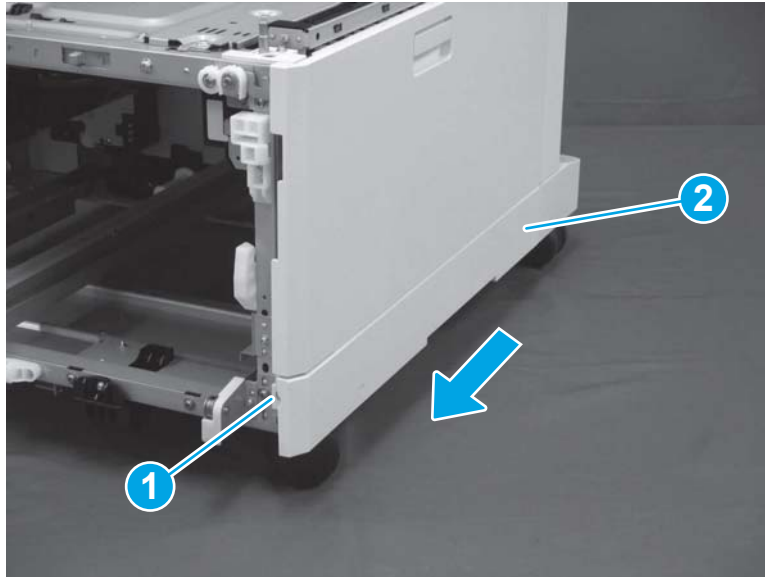
4. Remove the 2,700-sheet HCI paper tray and stand right rear cover.
  - ▲ Remove two screws (callout 1), and then remove the right rear cover (callout 2).

Figure 1-3523 Remove the right rear cover



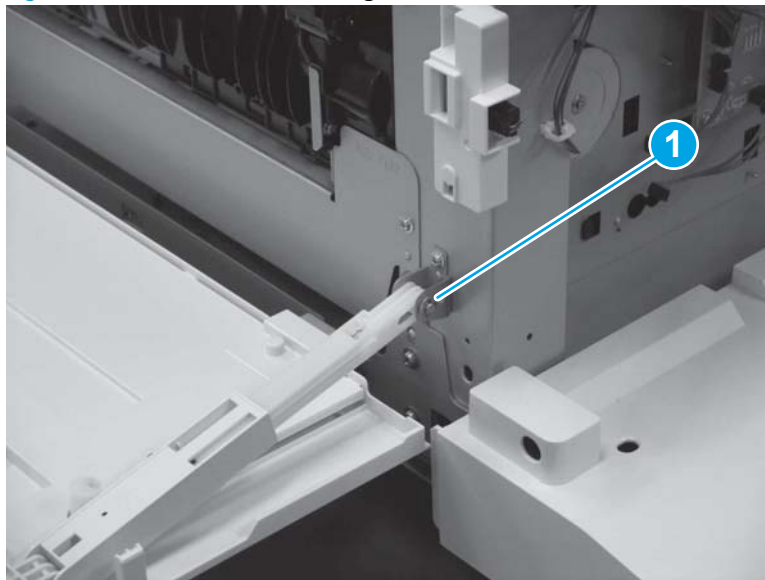
5. Remove the 2,700-sheet HCI paper tray and stand right lower cover.
  - ▲ Remove one screw (callout 1), and then slide the right lower cover (callout 2) toward the front of the feeder to remove it.

Figure 1-3524 Remove the right lower cover



6. Remove the 2,700-sheet HCl paper tray and stand right door.
  - a. Remove one E-ring (callout 1).

Figure 1-3525 Remove one E-ring



- b. Hold the hinge arm securely, and then slide the shaft to the left to remove it.

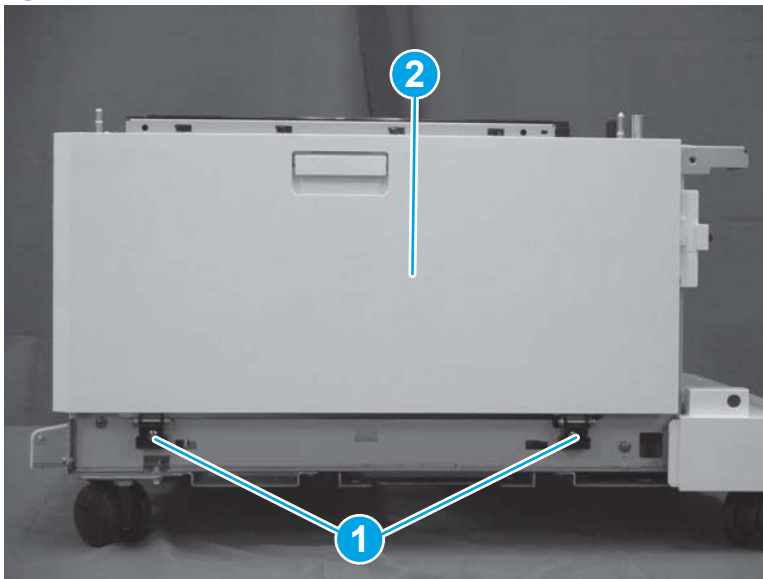
 **NOTE:** The hinge arm is spring-loaded and may snap back suddenly when the shaft is removed.

**Figure 1-3526** Release the hinge arm



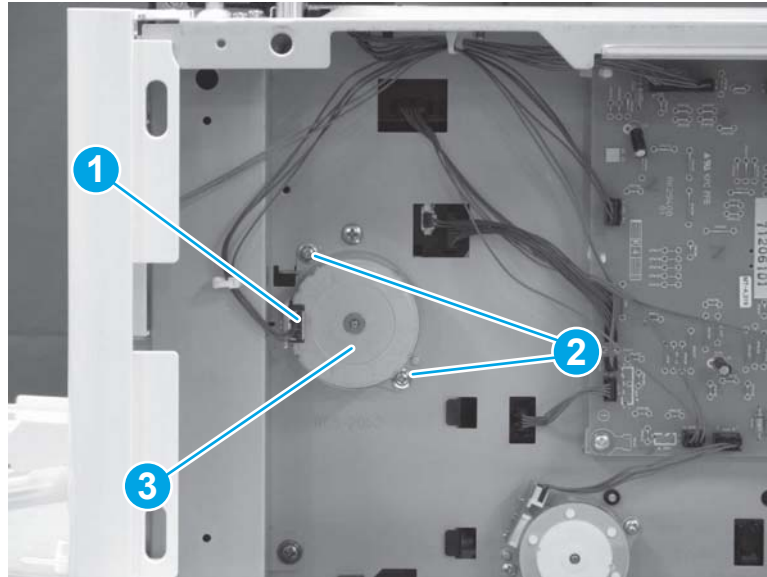
- c. Remove two screws (callout 1), and then remove the right door assembly (callout 2).

**Figure 1-3527** Remove the right door



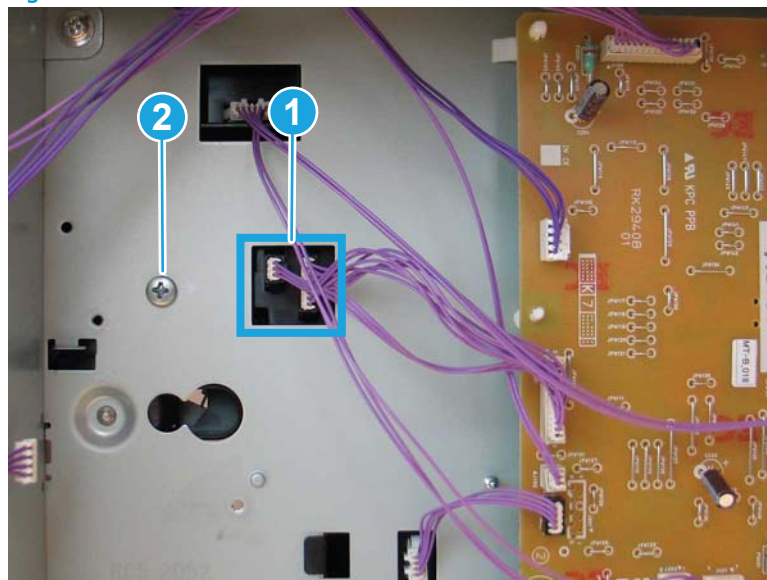
7. Remove the 2,700-sheet HCI paper tray and stand right tray pickup motor.
- ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the HCI right tray pickup motor (callout 3).

Figure 1-3528 Remove the right tray pickup motor



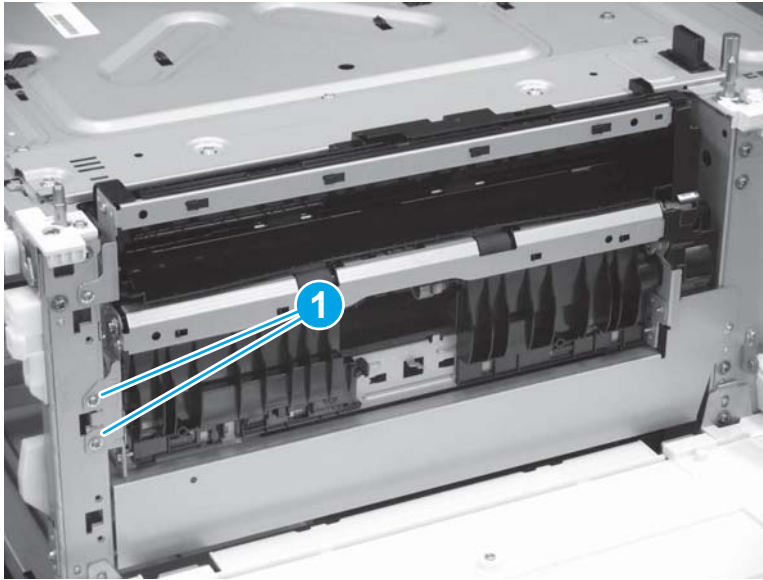
8. Remove the 2,700-sheet HCL paper tray and stand right tray pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3529 Disconnect two connectors and remove one screw



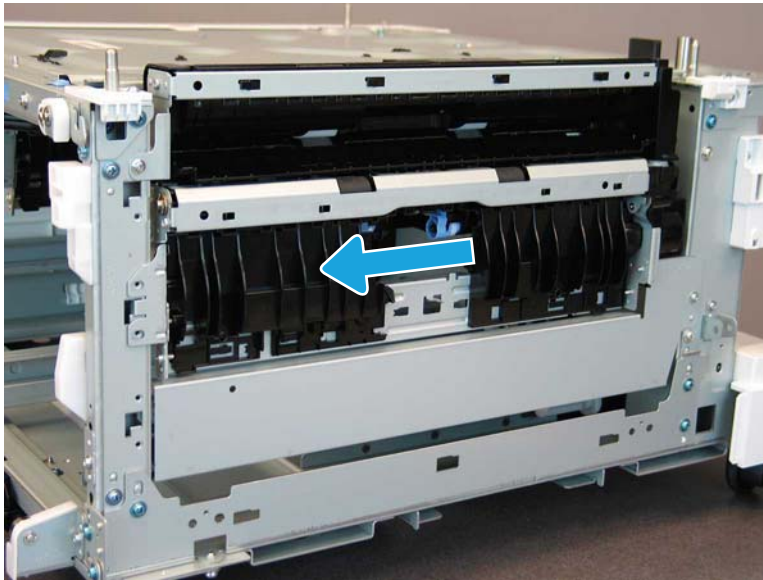
- b. Remove two screws (callout 1).

Figure 1-3530 Remove two screws



- c. Slide the pickup assembly toward the front of the feeder.

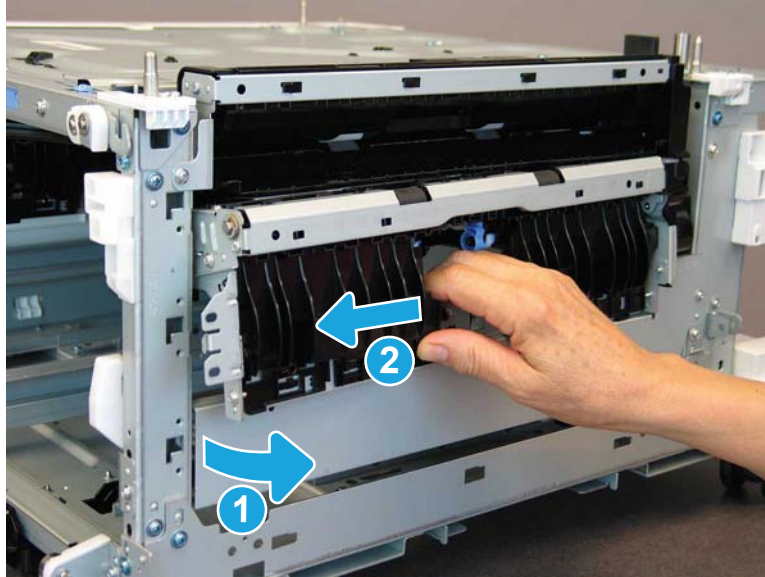
Figure 1-3531 Slide the pickup assembly





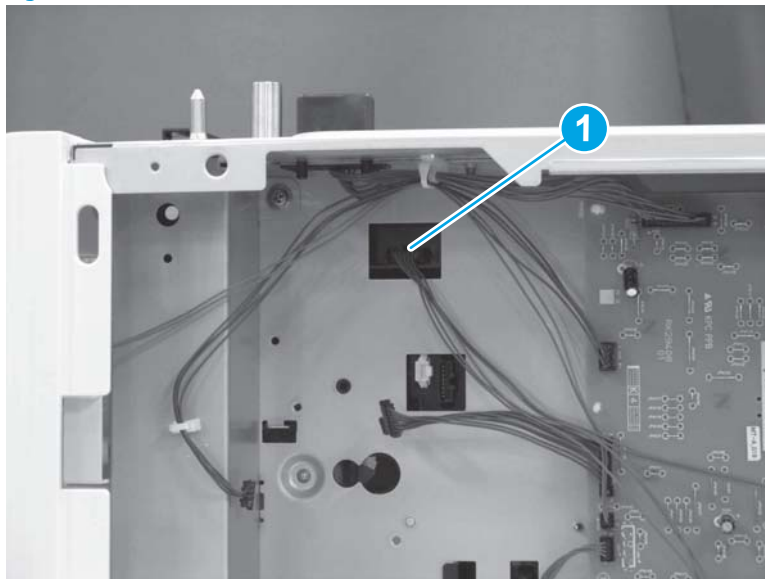
- d. Rotate the left side of the assembly away from the feeder (callout 1), and then slide it to the left (callout 2) to remove it.

**Figure 1-3532** Remove the pickup assembly



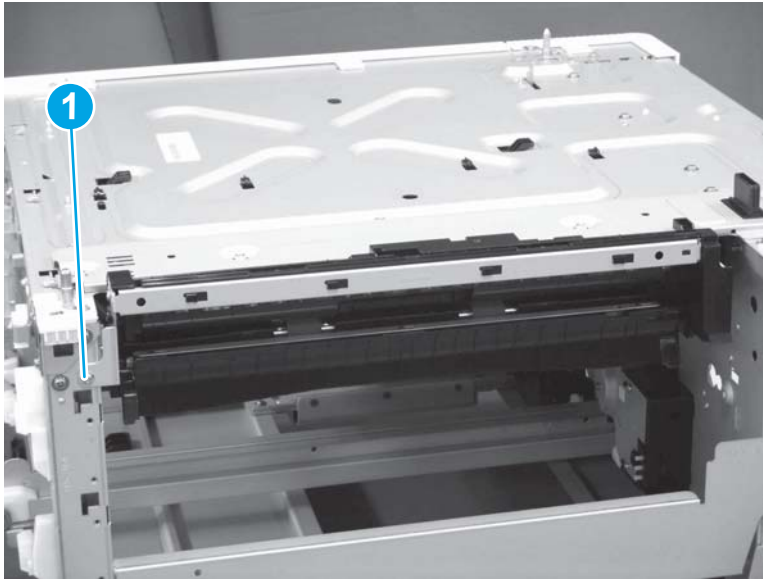
9. Remove the 2,700-sheet HCl paper tray and stand feed assembly.
  - a. Disconnect one connector (callout 1).

**Figure 1-3533** Disconnect one connector



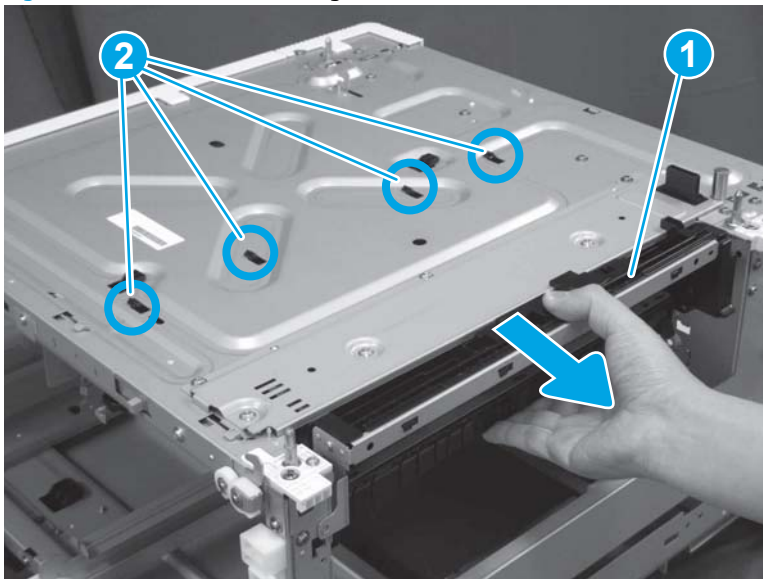
- b. Remove one screw.

Figure 1-3534 Remove one screw



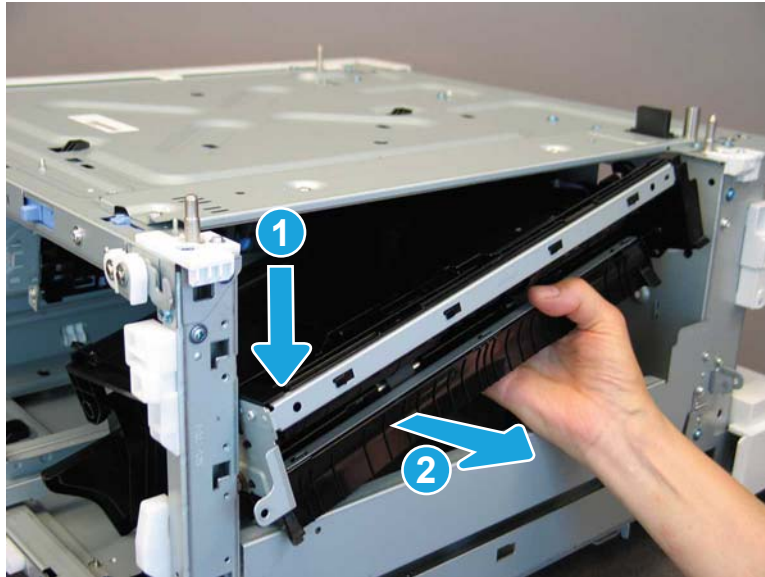
- c. Slide the feed assembly (callout 1) toward the front of the feeder to release four lugs (callout 2), and then lower the assembly.

Figure 1-3535 Release four lugs



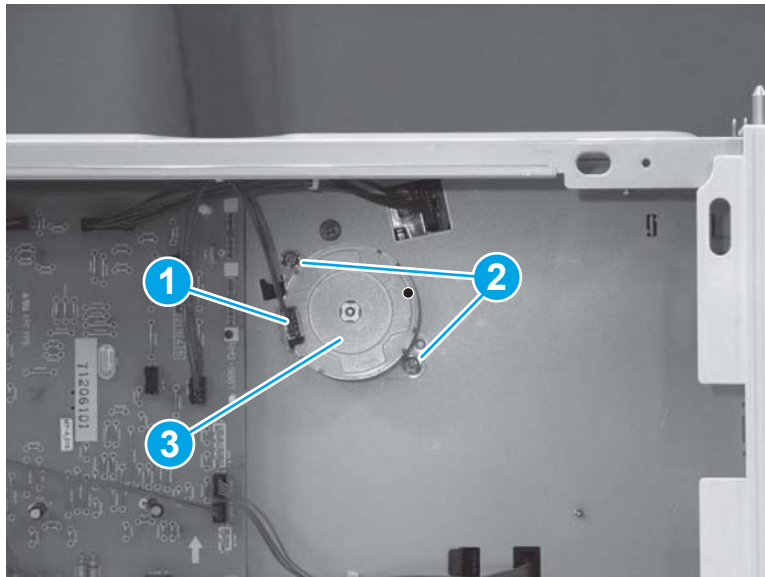
- d. Rotate the left side of the feed assembly down (callout 1), and then pull the assembly away from the printer (callout 2) to remove it.

**Figure 1-3536** Remove the feed assembly



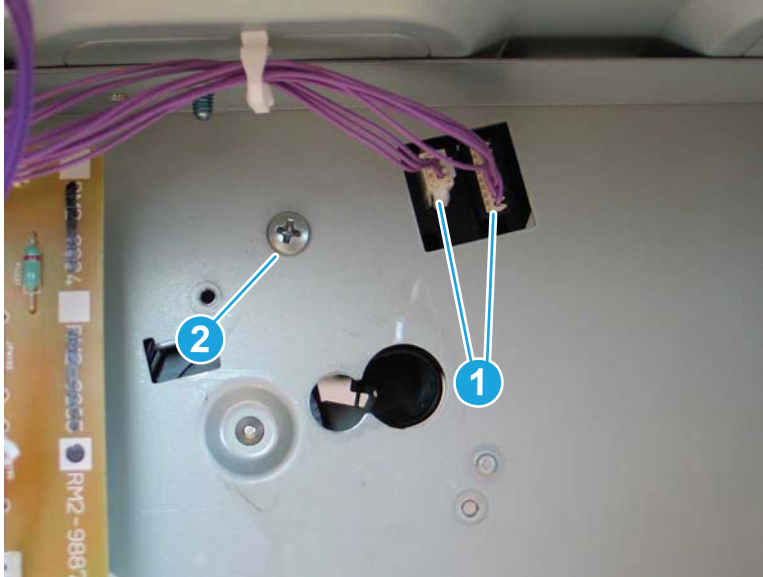
10. Remove the 2,700-sheet HCl paper tray and stand left tray pickup motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the HCl left tray pickup motor (callout 3).

**Figure 1-3537** Remove the left tray pickup motor



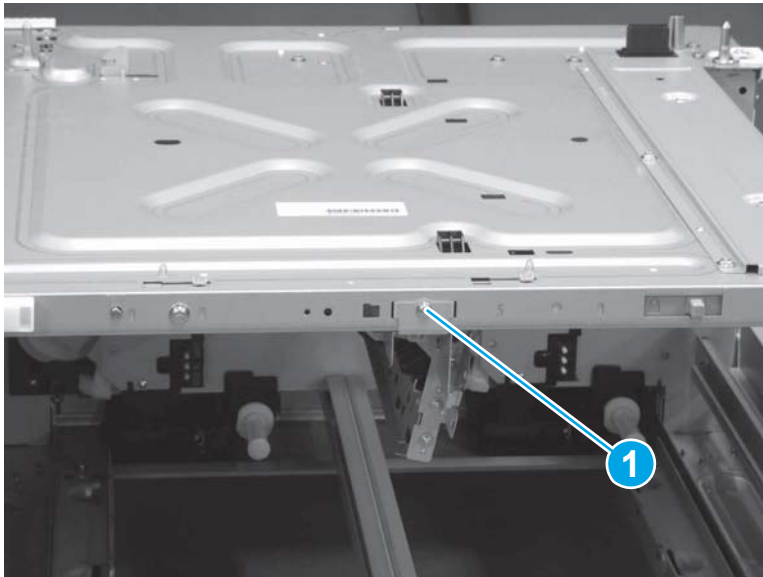
11. Remove the 2,700-sheet HCl paper tray and stand left tray pickup assembly.
  - a. Disconnect two connectors (callout 1), and then remove one screw (callout 2).

Figure 1-3538 Disconnect two connectors and remove one screw



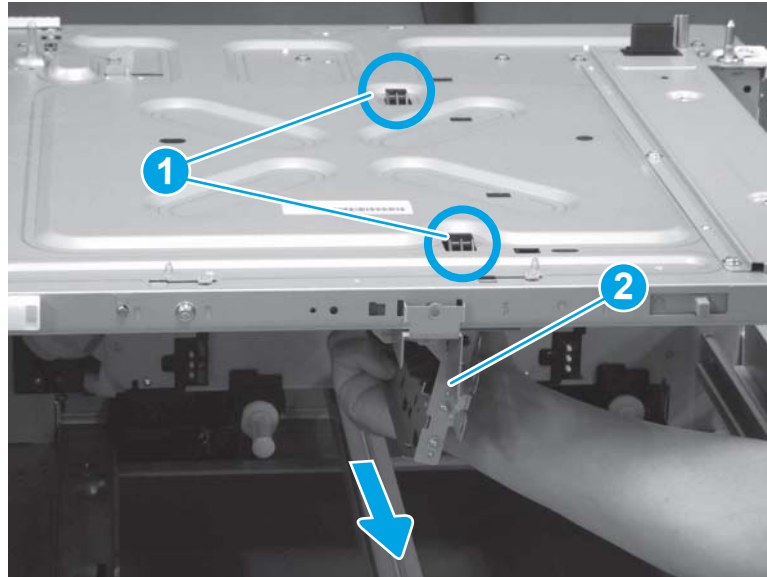
- b. Remove one screw (callout 1).

Figure 1-3539 Remove one screw



- c. Slide the pickup assembly away from the feeder to release two lugs (callout 1), and then remove the pickup assembly (callout 2).

**Figure 1-3540** Remove the pickup assembly




12. Unpack the replacement assembly.

- a. Dispose of the defective part.


 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

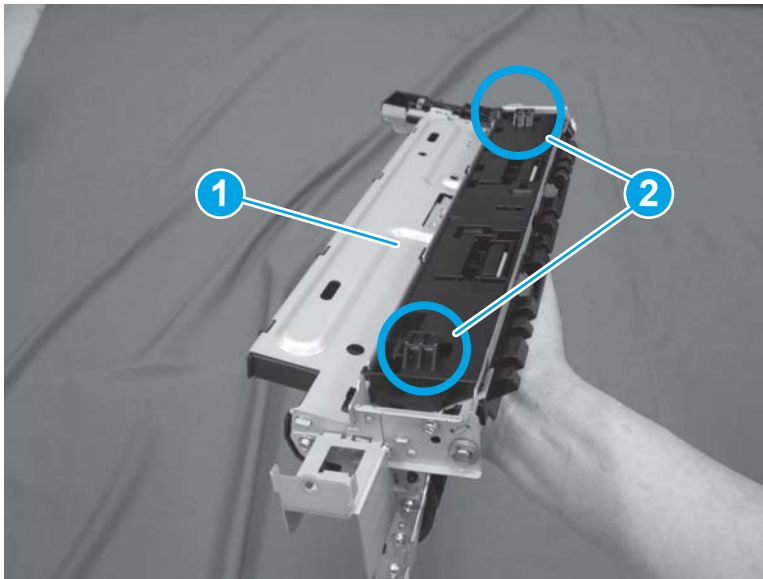
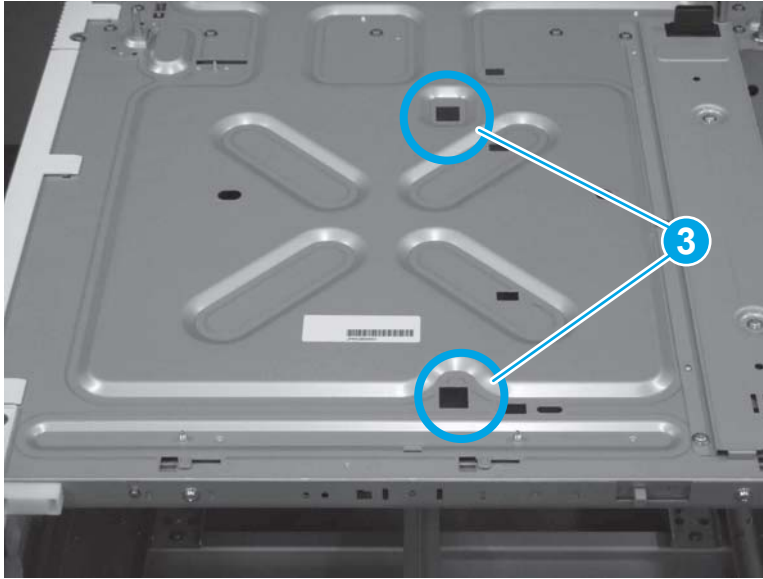
 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

13. Reverse the removal steps to install the assembly. Also use the following **special installation instructions**.

### Install the 2,700-sheet HCl paper tray and stand left tray pickup assembly

- ▲ When installing the HCl left tray pickup assembly (callout 1), make sure that two hooks (callout 2) on the pickup assembly engage with two openings (callout 3) on the feeder.

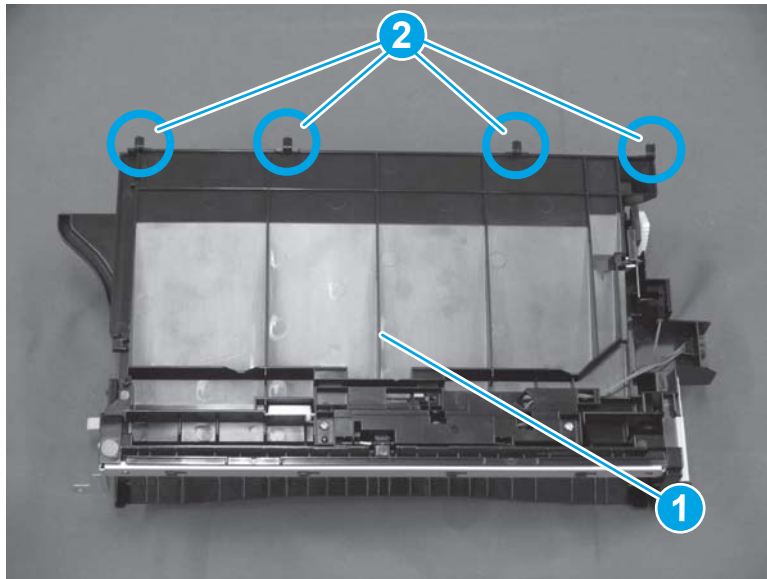
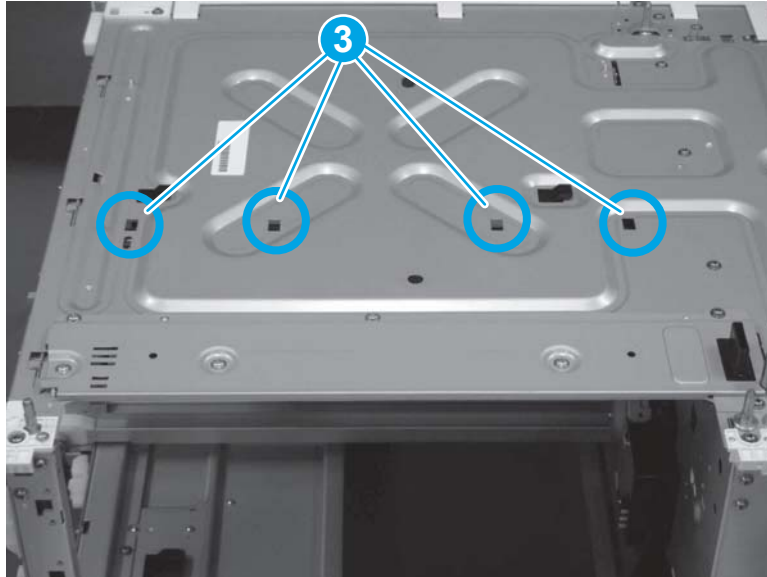
Figure 1-3541 Engage two hooks



### Install the 2,700-sheet HCI paper tray and stand feed assembly

- ▲ When installing the feed assembly (callout 1), make sure that the four hooks (callout 2) on the assembly fit into the openings (callout 3) on the feeder.

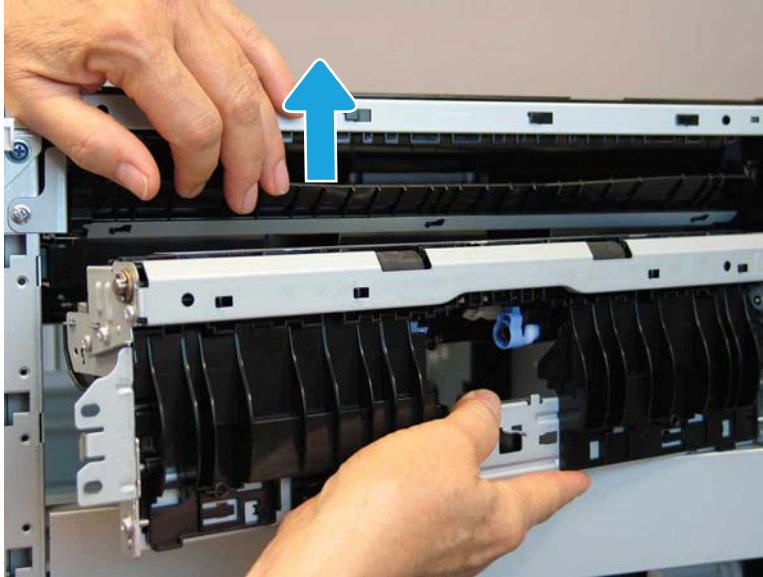
Figure 1-3542 Install the feed assembly



## Install the 2,700-sheet HCl paper tray and stand right tray pickup assembly

- ▲ Raise the flap on the feed assembly to install the right tray pickup assembly.

Figure 1-3543 Raise the feed assembly flap



## Removal and replacement: 2,700-sheet HCl paper tray and stand left tray lifter motor

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left tray lifter motor.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left tray lifter motor.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-191 Part information

Part number	Part description
RK2-7818-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip



## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

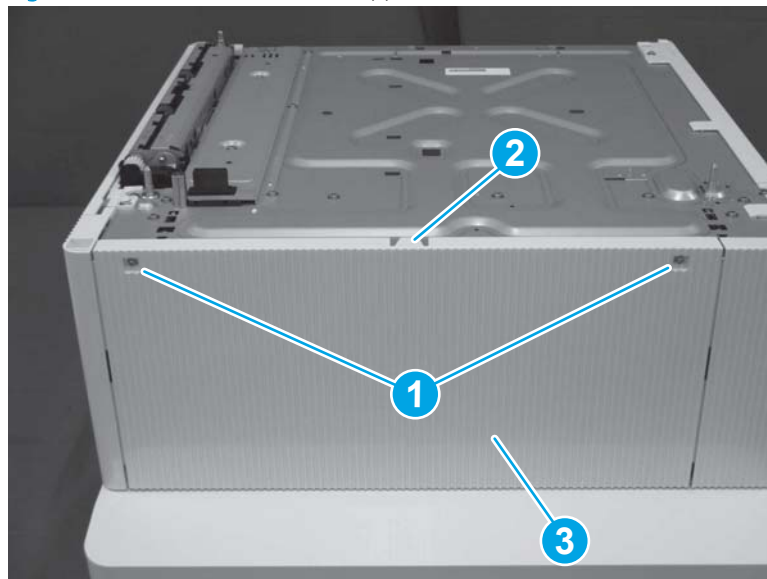
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

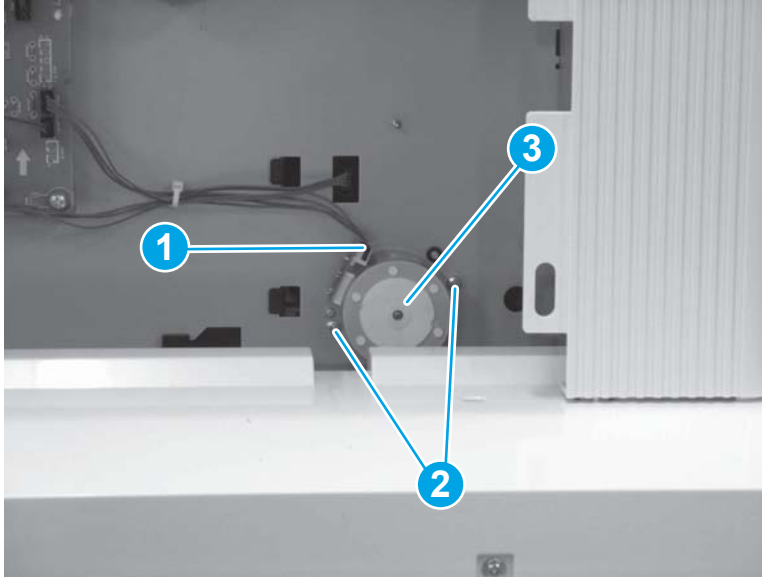
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3544** Remove the rear upper cover



2. Remove the 2,700-sheet HCl paper tray and stand left tray lifter motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter motor (callout 3).

Figure 1-3545 Remove the left tray lifter drive motor



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2,700-sheet HCl paper tray and stand left tray lifter drive

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left tray lifter drive.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left tray lifter drive.](#)

Mean time to repair: 5 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

**⚠ WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-192** Part information

Part number	Part description
RM2-1704-000CN	Lifter drive assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip

## After performing service

### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

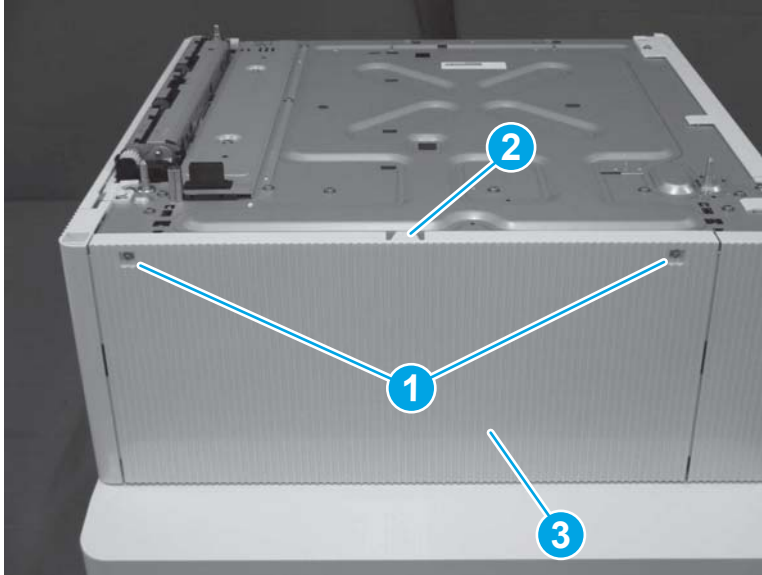
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

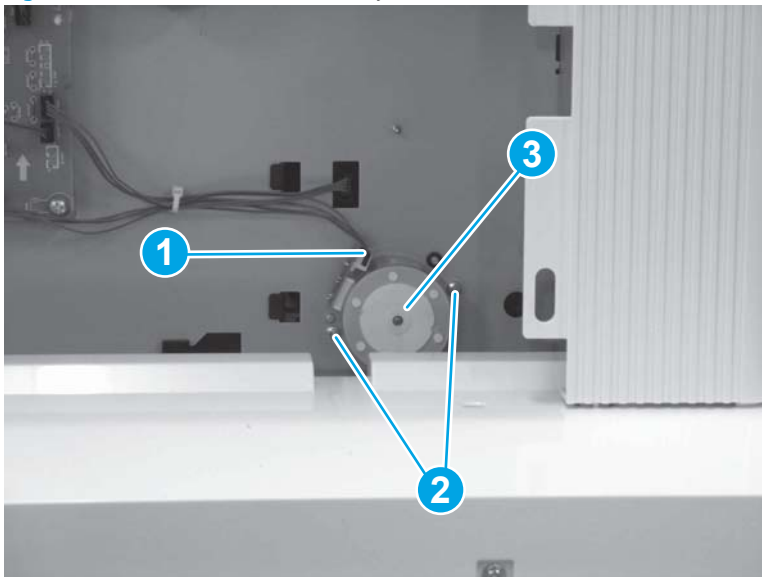
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

Figure 1-3546 Remove the rear upper cover



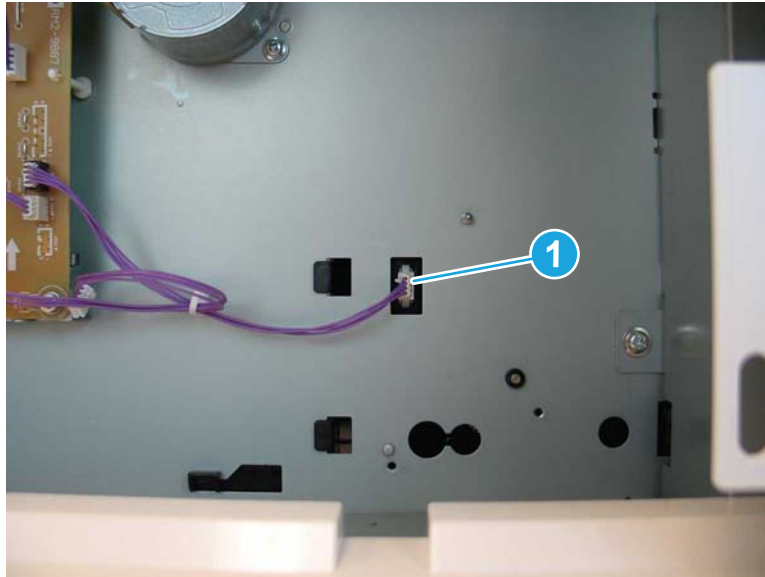
2. Remove the 2,700-sheet HCI paper tray and stand left tray lifter motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter motor (callout 3).

Figure 1-3547 Remove the left tray lifter drive motor



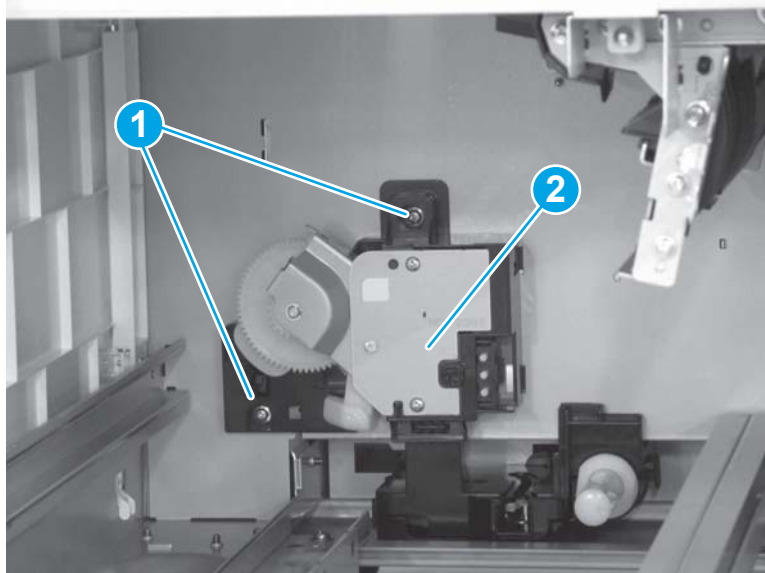
3. Remove the 2,700-sheet HCI paper tray and stand left tray lifter drive.
  - a. Disconnect one connector (callout 1) on the back of the feeder.

Figure 1-3548 Disconnect one connector




- b. Remove two screws (callout 1), and then remove the lifter drive (callout 2).

Figure 1-3549 Remove the lifter drive



- 4. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

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## Removal and replacement: 2,700-sheet HCl paper tray and stand left tray auto close assembly

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand left tray auto close assembly.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand left tray auto close assembly.](#)


Mean time to repair: 8 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-193** Part information

Part number	Part description
RM2-1734-000CN	Auto close assembly

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

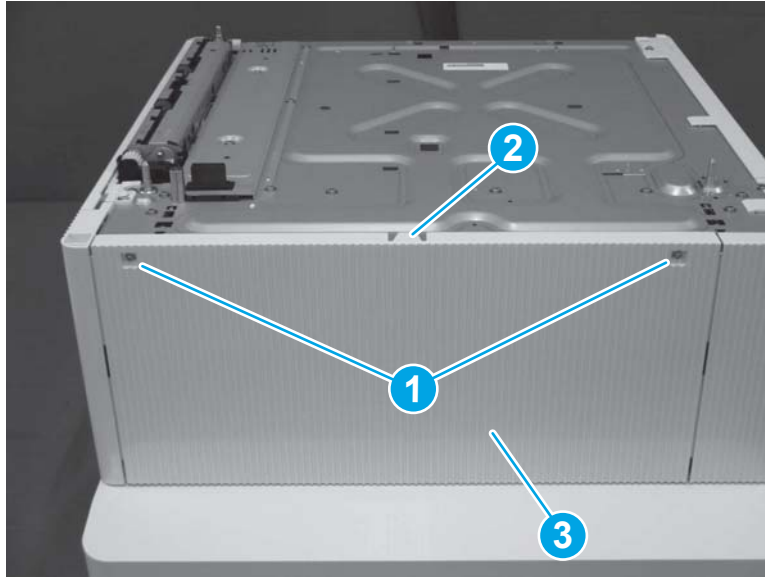
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

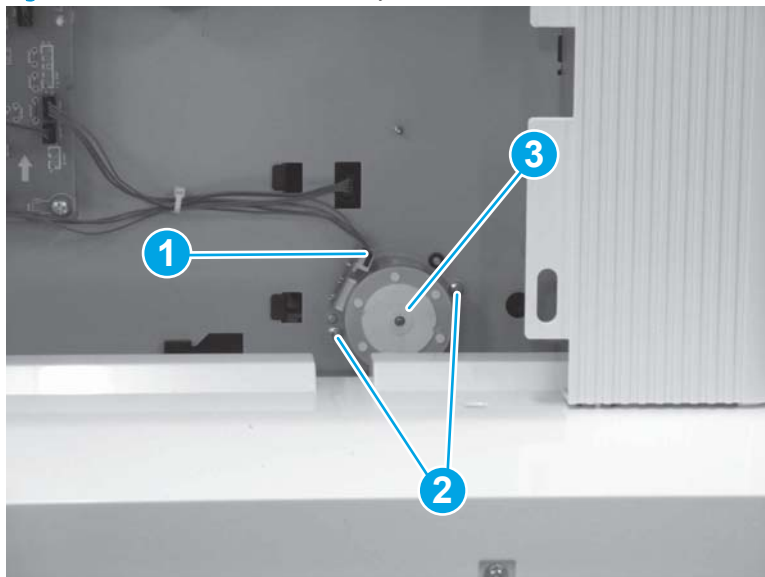
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3550** Remove the rear upper cover



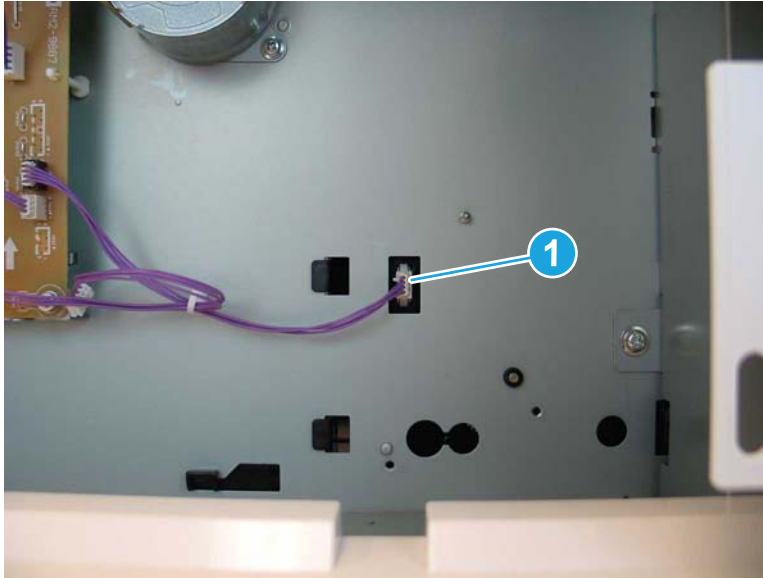
2. Remove the 2,700-sheet HCl paper tray and stand left tray lifter motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter motor (callout 3).

**Figure 1-3551** Remove the left tray lifter drive motor



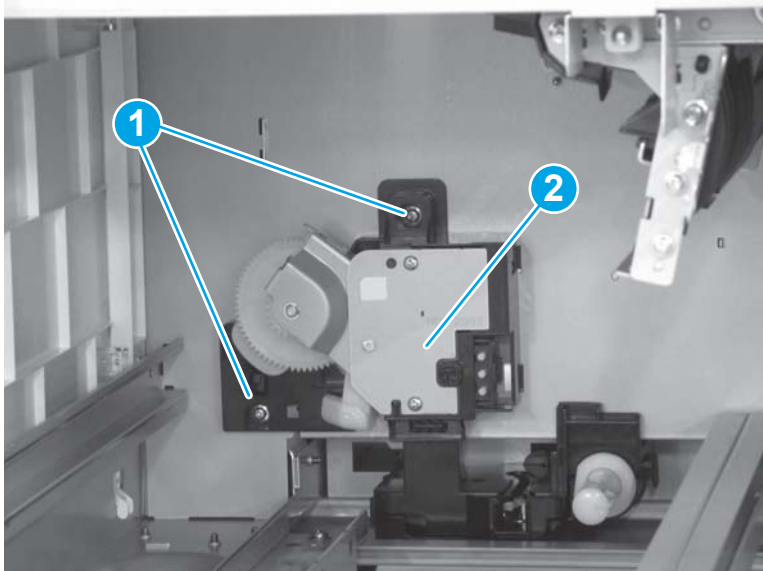
3. Remove the 2,700-sheet HCI paper tray and stand left tray lifter drive.
  - a. Disconnect one connector (callout 1) on the back of the feeder.

Figure 1-3552 Disconnect one connector



- b. Remove two screws (callout 1), and then remove the lifter drive (callout 2).

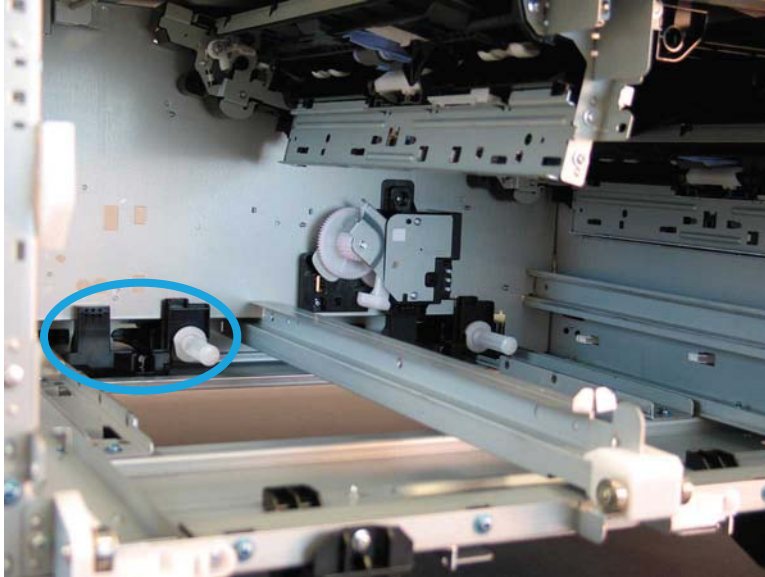
Figure 1-3553 Remove the lifter drive



4. Remove the 2,700-sheet HCI paper tray and stand left tray auto close assembly.
  - a. Locate the left tray auto close assembly inside the tray opening.

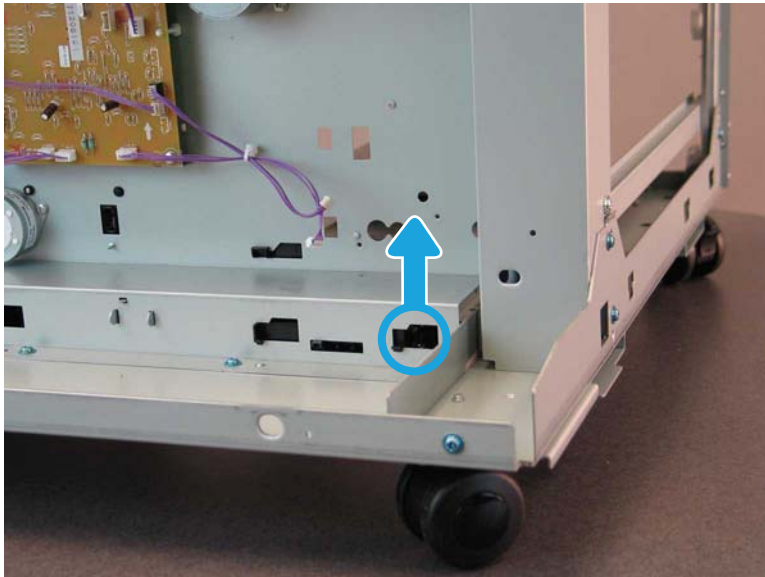


Figure 1-3554 Locate the left tray auto close assembly



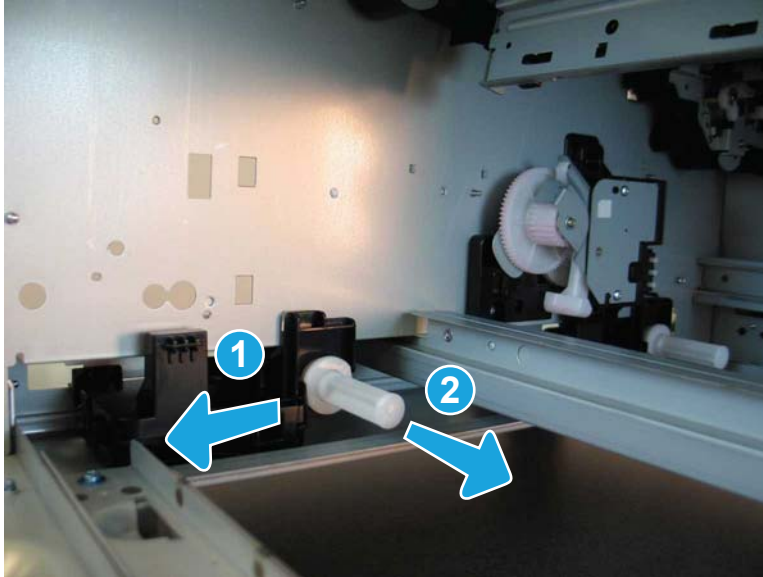
- b. On the back of the HCI, release one tab.

Figure 1-3555 Release one tab



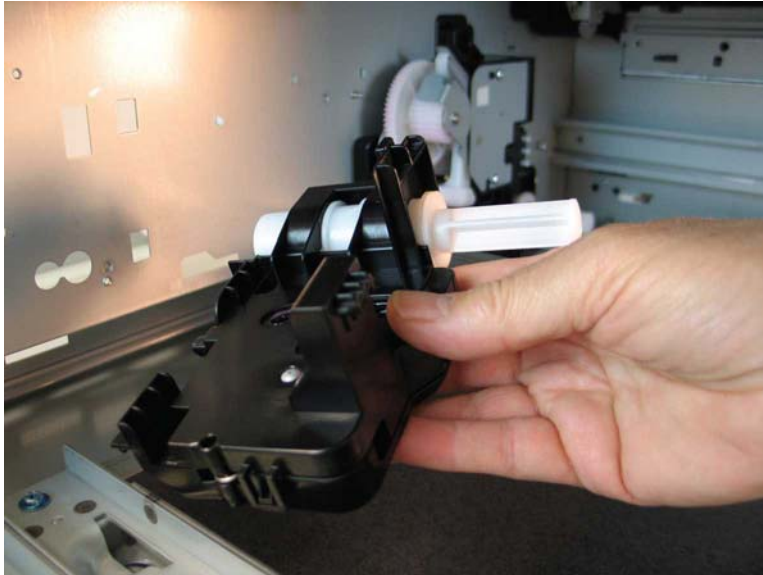
- c. Inside the tray opening, slide the auto close assembly to the left (callout 1), and then slide it toward the front of the HCI (callout 2).

Figure 1-3556 Slide the auto close assembly



- d. Remove the left tray auto close assembly.

Figure 1-3557 Remove the auto close assembly



- 5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 2,700-sheet HCl paper tray and stand right tray lifter motor

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right tray lifter motor.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right tray lifter motor.](#)


Mean time to repair: 3 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-194** Part information

Part number	Part description
RK2-7818-000CN	Motor, stepping, DC

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

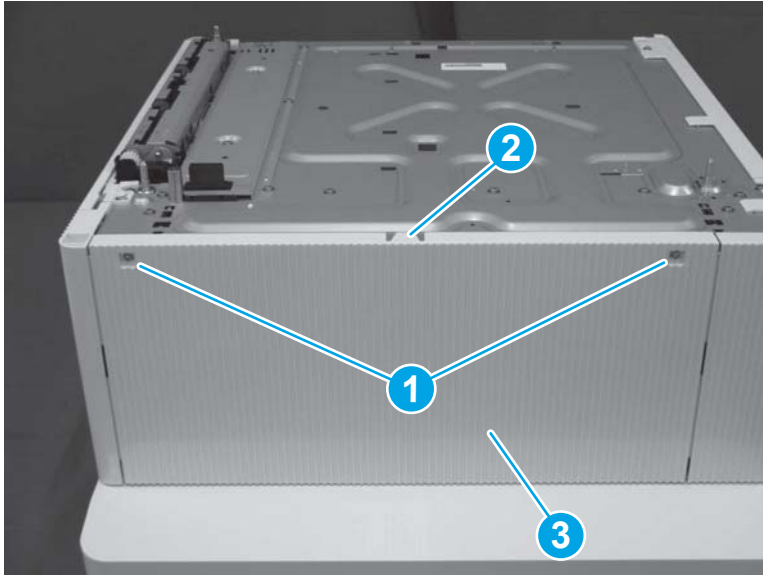
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

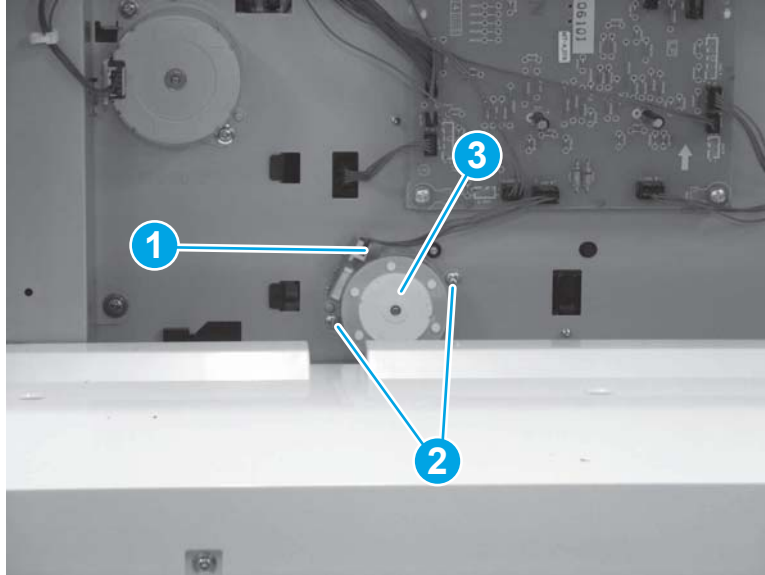
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3558** Remove the rear upper cover



2. Remove the 2,700-sheet HCl paper tray and stand right tray lifter motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter motor (callout 3).

Figure 1-3559 Remove the right tray lifter motor



3. Unpack the replacement assembly.

- a. Dispose of the defective part.



**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**



Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

### Removal and replacement: 2,700-sheet HCl paper tray and stand right tray lifter drive

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right tray lifter drive.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right tray lifter drive.](#)


Mean time to repair: 8 minutes

Service level: Easy

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

Table 1-195 Part information

Part number	Part description
RM2-1704-000CN	Lifter drive assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

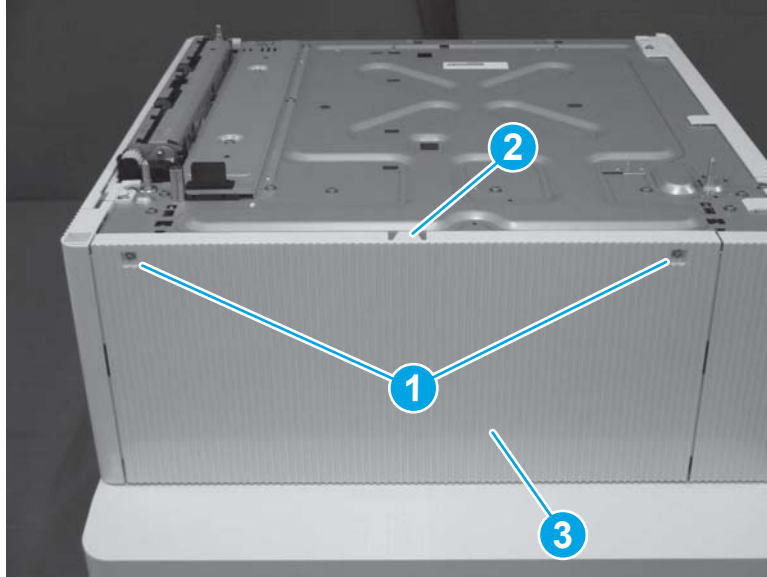
### Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

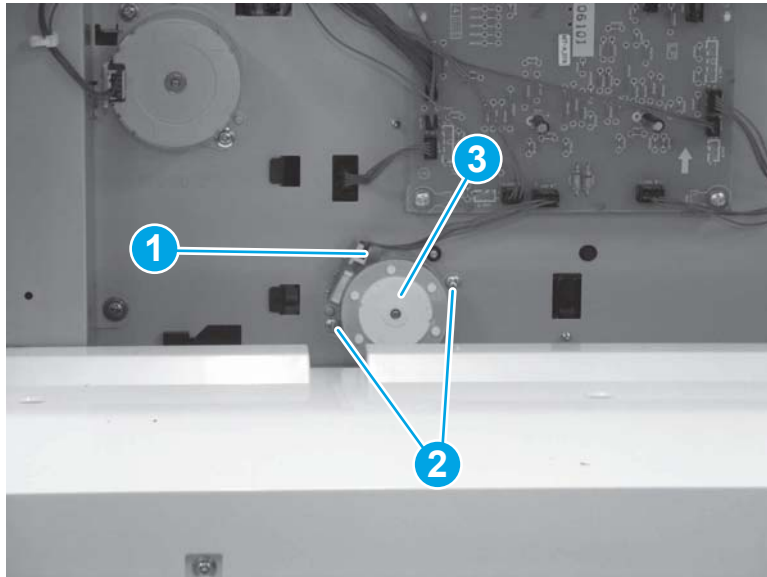
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

Figure 1-3560 Remove the rear upper cover



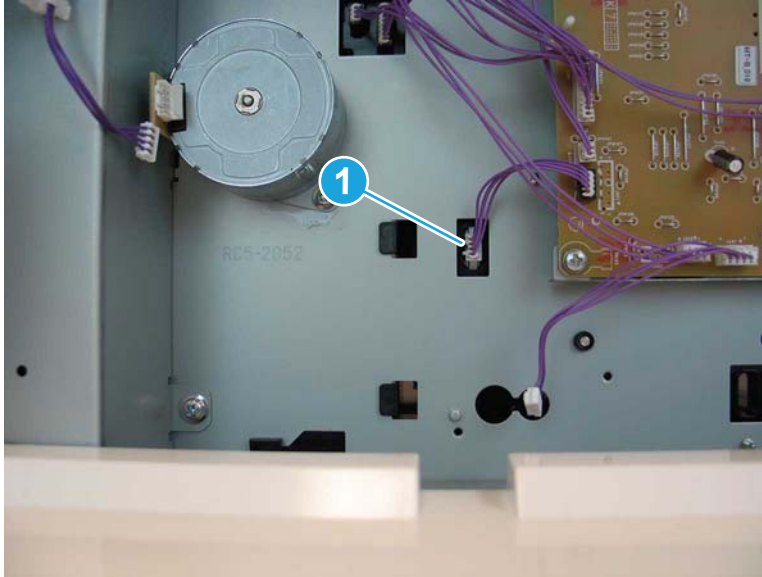
2. Remove the 2,700-sheet HCI paper tray and stand right tray lifter motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter motor (callout 3).

Figure 1-3561 Remove the right tray lifter motor



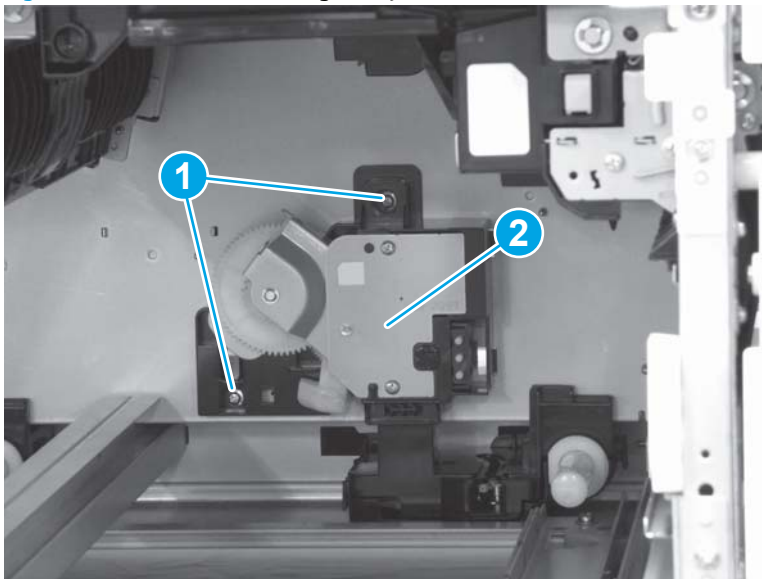
3. Remove the 2,700-sheet HCI paper tray and stand right tray lifter drive.
  - a. Disconnect one connector (callout 1) on the back of the feeder.

Figure 1-3562 Disconnect one connector



- b. Remove two screws (callout 1), and then remove the lifter drive (callout 2).

Figure 1-3563 Remove the right tray lifter drive



- 4. Unpack the replacement assembly.
  - a. Dispose of the defective part.




---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 2,700-sheet HCl paper tray and stand right tray auto close assembly

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand right tray auto close assembly.



[View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand right tray auto close assembly.](#)


Mean time to repair: 8 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-196** Part information

Part number	Part description
RM2-1734-000CN	Auto close assembly

---

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

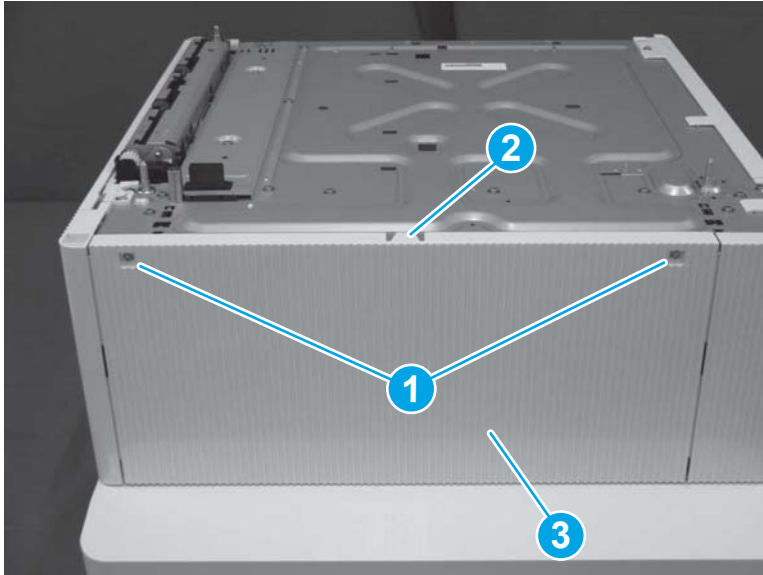
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCl paper tray and stand to make sure that the printer is functioning correctly.

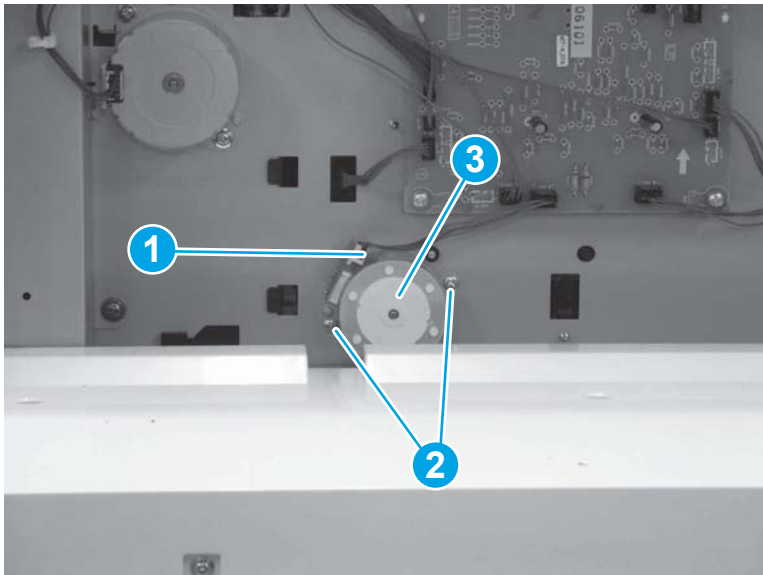
1. Remove the 2,700-sheet HCl paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3564** Remove the rear upper cover



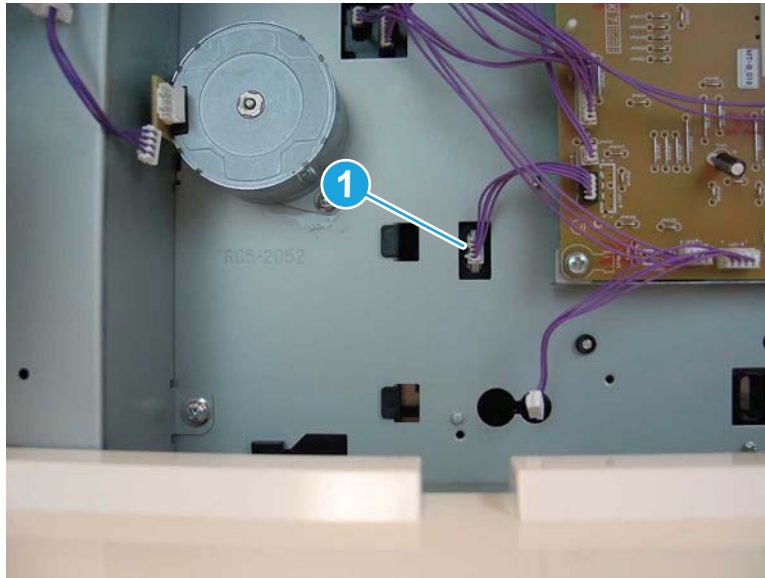
2. Remove the 2,700-sheet HCl paper tray and stand right tray lifter motor.
  - ▲ Disconnect one connector (callout 1), remove two screws (callout 2), and then remove the lifter motor (callout 3).

**Figure 1-3565** Remove the right tray lifter motor



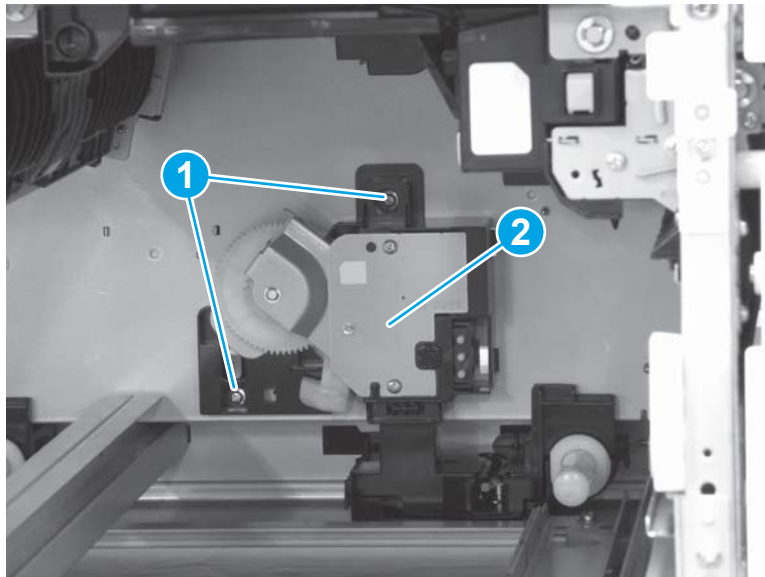
3. Remove the 2,700-sheet HCl paper tray and stand right tray lifter drive.
  - a. Disconnect one connector (callout 1) on the back of the feeder.

Figure 1-3566 Disconnect one connector



- b. Remove two screws (callout 1), and then remove the lifter drive (callout 2).

Figure 1-3567 Remove the right tray lifter drive



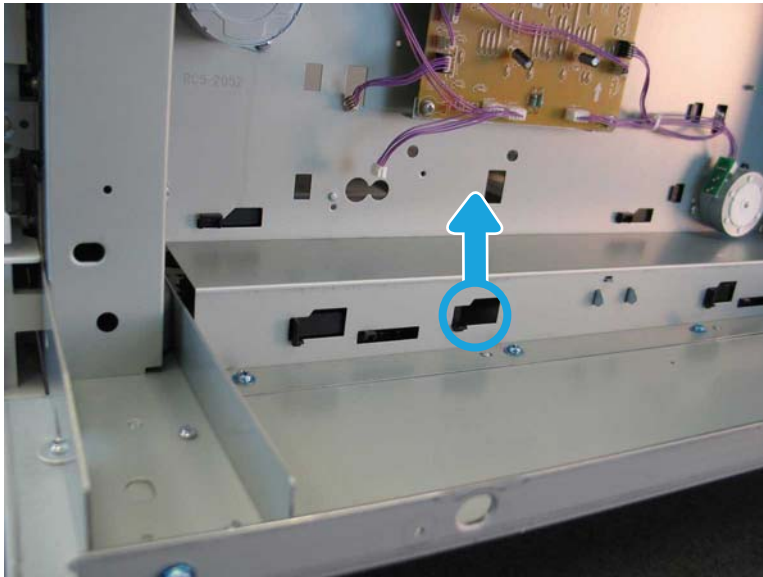
4. Remove the 2,700-sheet HCl paper tray and stand right tray auto close assembly.
  - a. Locate the right tray auto close assembly inside the tray opening.

Figure 1-3568 Locate the right tray auto close assembly



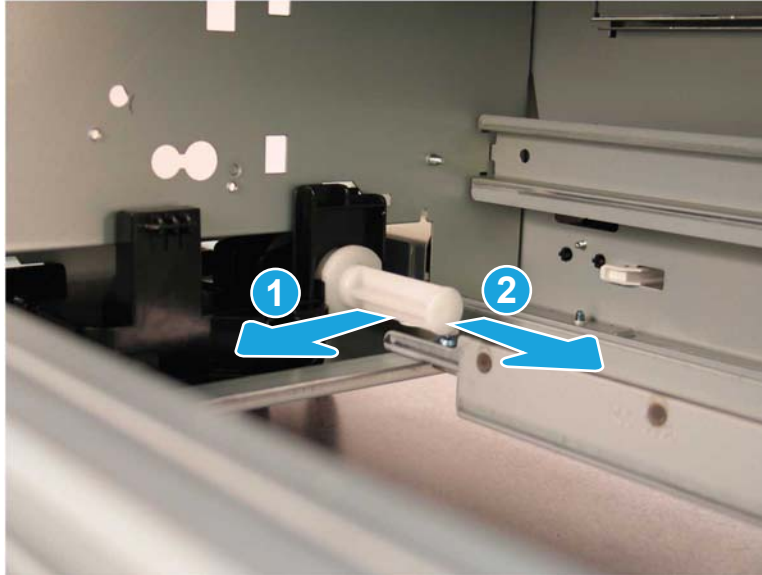
- b. On the back of the HCI, release one tab.

Figure 1-3569 Release one tab



- c. Inside the tray opening, slide the auto close assembly to the left (callout 1), and then slide it toward the front of the HCI (callout 2).

**Figure 1-3570** Slide the auto close assembly




- d. Remove the right tray auto close assembly.

**Figure 1-3571** Remove the right tray auto close assembly



5. Unpack the replacement assembly.
  - a. Dispose of the defective part.


---

 **NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>


---

b. Unpack the replacement part from the packaging.

 **IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

---

c. To install an assembly, reverse the removal steps.

 **NOTE:** When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.

---

## Removal and replacement: 2,700-sheet HCl paper tray and stand controller PCA

Learn how to remove and replace the 2,700-sheet HCl paper tray and stand controller PCA.

 [View a video of how to remove and replace the 2,700-sheet HCl paper tray and stand controller PCA.](#)


Mean time to repair: 5 minutes

Service level: Easy

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

 **WARNING!** To avoid damage to the printer, turn the printer off, wait 30 seconds, and then remove the power cord before attempting to service the printer.

---

Use the table below to identify the correct part number for your printer. To order the part, go to [www.hp.com/buy/parts](http://www.hp.com/buy/parts).

**Table 1-197** Part information

Part number	Part description
RM2-9887-000CN	Paper deck controller PCB assembly

### Required tools

- #2 Phillips screwdriver with a magnetic tip

### After performing service

#### Turn the printer power on

- Connect the power cable.
- Use the power switch to turn the power on.

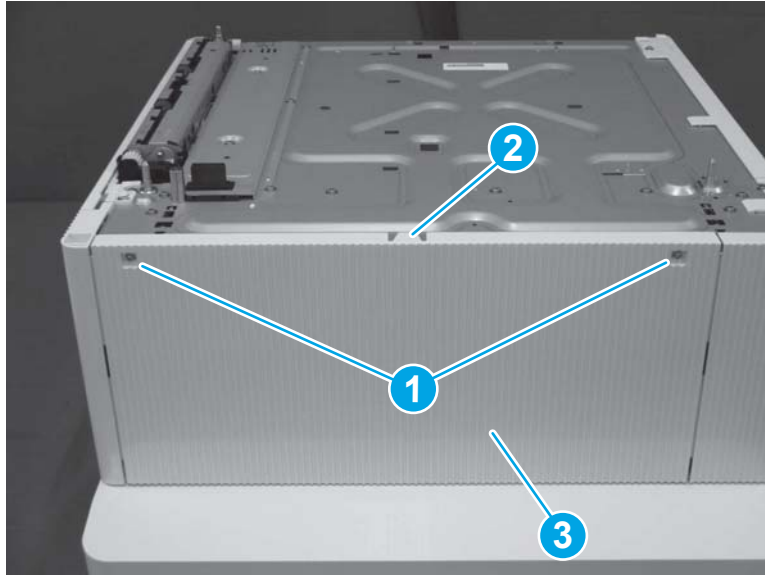
## Post service test

Make sure that the printer initializes to a **Ready** state.

Print a page from the 2,700-sheet HCI paper tray and stand to make sure that the printer is functioning correctly.

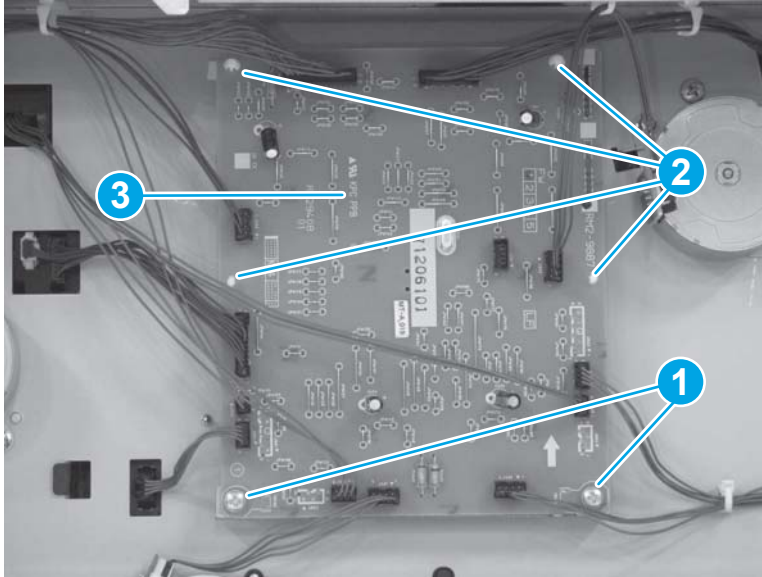
1. Remove the 2,700-sheet HCI paper tray and stand rear upper cover
  - ▲ Remove two screws (callout 1), release one tab (callout 2), and then remove the rear upper cover (callout 3).

**Figure 1-3572** Remove the rear upper cover



2. Remove the 2,700-sheet HCI paper tray and stand controller PCA.
  - ▲ Disconnect all of the connectors on the PCA. Remove two screws (callout 1), release four tabs (callout 2), and then remove the PCA (callout 3).

Figure 1-3573 Remove the controller PCA



3. Unpack the replacement assembly.
  - a. Dispose of the defective part.




**NOTE:** HP recommends responsible disposal of the defective part.

<http://www8.hp.com/us/en/hp-information/environment/product-recycling.html>

- b. Unpack the replacement part from the packaging.



**CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Always perform service work at an ESD-protected workstation or mat. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground before touching an ESD-sensitive assembly. Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the printer.



**IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.

- c. To install an assembly, reverse the removal steps.

When applicable, special installation instructions are provided for an assembly at the end of the removal procedure. Always completely read the removal instructions and follow all special installation instructions.



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## 2 Parts and diagrams

Printer parts information including exploded assembly diagrams and part number lists.

- [HP service and support](#)
- [Order parts by authorized service providers](#)
- [Assembly locations](#)
- [How to use the parts lists and diagrams](#)
- [Parts and diagrams: Document feeder and image scanner \(M776\)](#)
- [Parts and diagrams: Printer components](#)
- [Parts and diagrams: Inner finisher components](#)
- [Parts and diagrams: 550-sheet tray components](#)
- [Parts and diagrams: 2x550-sheet tray components](#)
- [Parts and diagrams: High-capacity input \(HCI\) tray components](#)
- [Alphabetical parts list](#)
- [Numerical parts list](#)

### HP service and support

Learn about HP access to additional service and support information.

#### Additional service and support for channel partners

Channel partners go to [partner.hp.com](https://partner.hp.com), and then use the steps below to access the HP Web-based Interactive Search Engine (WISE).

#### Access WISE for Channel partners

1. Select [Services & Support](#), and then select [Services Delivery](#).
2. Select [Technical Support](#), and then select [Technical Documentation](#).

#### Find information about the following topics

- Service manuals
- Service advisories

- Up-to-date control panel message (CPMD) troubleshooting
- Solutions for printer issues and emerging issues
- Remove and replace part instructions and videos
- Install and configure
- Printer specifications
- Warranty and regulatory information

#### Additional service and support for HP internal personnel

HP internal personnel, go to one of the following Web-based Interactive Search Engine (WISE) sites:

##### Americas (AMS)

- [WISE - English](#)
- [WISE - Spanish](#)
- [WISE - Portuguese](#)
- [WISE - French](#)

##### Asia Pacific / Japan (APJ)

- [WISE - English](#)
- [WISE - Japanese](#)
- [WISE - Korean](#)
- [WISE - Chinese \(simplified\)](#)
- [WISE - Chinese \(traditional\)](#)
- [WISE - Thai](#)

##### Europe / Middle East / Africa (EMEA)

- [WISE - English](#)

# Order parts by authorized service providers

Find information about ordering parts and supplies for the printer.

- [Ordering](#)
- [Orderable parts](#)
- [Supplies and accessories](#)
- [Customer self-repair kits](#)
- [HP service and support](#)

## Ordering

Order parts by authorized service providers.

**Table 2-1** Ordering

Item or provider	Description
Order supplies and paper	<a href="http://www.hp.com/go/suresupply">www.hp.com/go/suresupply</a>
Order parts by authorized service providers	<a href="http://www.hp.com/buy/parts">www.hp.com/buy/parts</a> or <a href="http://partsurfer.hp.com">partsurfer.hp.com</a>
Order through service or support providers	Contact an HP-authorized service or support provider.
Order using the HP Embedded Web Server (EWS)	To access, in a supported web browser on your computer, enter the printer IP address or host name in the address/URL field. The EWS contains a link to the HP SureSupply web site, which provides options for purchasing Original HP supplies.

## Orderable parts

Not all of the parts shown in the exploded assembly diagrams are orderable parts.

Refer to the tables following the diagrams or the alphabetical/numerical parts lists to determine if a part is orderable.

## Supplies and accessories

Following are the part numbers for the supplies and accessories that are available for the printers.

To order cartridges, visit <http://www.hp.com> (some portions of the HP Web site are available in English only). Ordering cartridges online is not supported in all countries/regions. However, many countries/regions have information about ordering by telephone, locating a local store, and printing a shopping list. In addition, go to [hp.com/supplies](http://hp.com/supplies) to obtain information about purchasing HP products in your country/region.

Use only the replacement cartridges that have the same cartridge number as the cartridge that is being replaced. Find the cartridge number in the following places:

- On the label of the cartridge that is being replaced.
- On a sticker inside the printer. Open the cartridge door to locate the sticker.

- Open the printer software (**HP Printer Assistant**), and then click **Shop ► Shop For Supplies Online**.
- Open the HP Embedded Web Server (EWS), and then click **Tools ► Supply Status** (under the **Product Information** item).

**Table 2-2 Supplies part numbers (M751)**

Item	Description	Cartridge number	Part number
HP 660A Original LaserJet Imaging Drum	Replacement imaging drum	660A	W2004A (service: W2004-67901)
HP 658A Black Original LaserJet Toner Cartridge	Standard-yield replacement black toner cartridge	658A	W2000A (service: W2000-67901)
HP 658A Cyan Original LaserJet Toner Cartridge	Standard-yield replacement cyan toner cartridge	658A	W2001A (service: W2001-67901)
HP 658A Yellow Original LaserJet Toner Cartridge	Standard-yield replacement yellow toner cartridge	658A	W2002A (service: W2002-67901)
HP 658A Magenta Original LaserJet Toner Cartridge	Standard-yield replacement magenta toner cartridge	658A	W2003A (service: W2003-67901)
HP 658X High Yield Black Original LaserJet Toner Cartridge	High-yield replacement black toner cartridge	658X	W2000X (service: W2000-67902)
HP 658X High Yield Cyan Original LaserJet Toner Cartridge	High-yield replacement cyan toner cartridge	658X	W2001X (service: W2001-67902)
HP 658X High Yield Yellow Original LaserJet Toner Cartridge	High-yield replacement yellow toner cartridge	658X	W2002X (service: W2002-67902)
HP 658X High Yield Magenta Original LaserJet Toner Cartridge	High-yield replacement magenta toner cartridge	658X	W2003X (service: W2003-67902)

**Table 2-3 Supplies part numbers (E75245)**

Item	Description	Cartridge number	Part number
HP 660A Original LaserJet Imaging Drum	Replacement imaging drum	660A	W2004A (service: W2004-67901)
HP Black Managed LaserJet Toner Cartridge	Managed replacement black toner cartridge	N/A	W9020MC (service: W9020-67901)
HP Cyan Managed LaserJet Toner Cartridge	Managed replacement cyan toner cartridge	N/A	W9021MC (service: W9021-67901)
HP Yellow Managed LaserJet Toner Cartridge	Managed replacement yellow toner cartridge	N/A	W9022MC (service: W9022-67901)
HP Magenta Managed LaserJet Toner Cartridge	Managed replacement magenta toner cartridge	N/A	W9023MC (service: W9023-67901)

**Table 2-4 Supplies part numbers (M856/M776)**

Item	Description	Cartridge number	Part number
HP 660A Original LaserJet Imaging Drum	Replacement imaging drum	660A	W2004A (service: W2004-67901)

**Table 2-4 Supplies part numbers (M856/M776) (continued)**

Item	Description	Cartridge number	Part number
HP 659A Black Original LaserJet Toner Cartridge	Standard-yield replacement black toner cartridge	659A	W2000A (service: 5851-7901)
HP 659A Cyan Original LaserJet Toner Cartridge	Standard-yield replacement cyan toner cartridge	659A	W2001A (service: 5851-7902)
HP 659A Yellow Original LaserJet Toner Cartridge	Standard-yield replacement yellow toner cartridge	659A	W2002A (service: 5851-7903)
HP 659A Magenta Original LaserJet Toner Cartridge	Standard-yield replacement magenta toner cartridge	659A	W2003A (service: 5851-7904)
HP 659X High Yield Black Original LaserJet Toner Cartridge	High-yield replacement black toner cartridge	659X	W2000X (service: 5851-7905)
HP 659X High Yield Cyan Original LaserJet Toner Cartridge	High-yield replacement cyan toner cartridge	659X	W2001X (service: 5851-7906)
HP 659X High Yield Yellow Original LaserJet Toner Cartridge	High-yield replacement yellow toner cartridge	659X	W2002X (service: 5851-7907)
HP 659X High Yield Magenta Original LaserJet Toner Cartridge	High-yield replacement magenta toner cartridge	659X	W2003X (service: 5851-7908)

**Table 2-5 Supplies part numbers (E85055)**

Item	Description	Cartridge number	Part number
HP 660A Original LaserJet Imaging Drum	Replacement imaging drum	660A	W2004A (service: W2004-67901)
HP Black Managed LaserJet Toner Cartridge	Managed replacement black toner cartridge	N/A	W9020MC (service: 5851-7897)
HP Cyan Managed LaserJet Toner Cartridge	Managed replacement cyan toner cartridge	N/A	W9021MC (service: 5851-7898)
HP Yellow Managed LaserJet Toner Cartridge	Managed replacement yellow toner cartridge	N/A	W9022MC (service: 5851-7899)
HP Magenta Managed LaserJet Toner Cartridge	Managed replacement magenta toner cartridge	N/A	W9023MC (service: 5851-7900)

**Table 2-6 Accessories**

Item	Description	Part number
HP LaserJet 550-sheet Paper Tray	Optional 550-sheet paper tray  <b>NOTE:</b> The printer supports up to two 550-sheet paper trays.	T3V27A (service: T3V27-67901)
HP LaserJet 2 x 550-sheet Paper Tray and Stand	Optional 2 x 550-sheet paper tray and stand to support the printer	T3V29A (service: T3V29-67901)
HP LaserJet 2,700-sheet HCI Paper Tray and Stand	Optional 2,700-sheet paper tray and stand to support the printer	T3V30A (service: T3V30-67901)
HP LaserJet Stand	Optional stand	T3V28A (service: T3V28-67901)

**Table 2-6 Accessories (continued)**

Item	Description	Part number
HP Jetdirect 2900nw Print Server	USB wireless print server accessory	J8031A (service: J8031-61001)
HP Jetdirect 3100w BLE/NFC/Wireless Accessory	Wi-Fi direct accessory for “touch” and Bluetooth printing from mobile devices	3JN69A (service: 3JN69-61001)
HP Internal USB Ports	Two optional USB ports for connecting third-party devices	B5L28A (service: B5L28-67902)
HP SmartCard NIPERNet Solution <b>NOTE:</b> Requires the B5L28A - HP Internal USB Ports accessory	HP SmartCard U.S. Government NIPRNet Solution for CAC and PIV tokens. Takes advantage of U.S. Government smartcard technology.	CC543B (service: CC543-69011)
HP SmartCard SIPERNet Solution <b>NOTE:</b> Requires the B5L28A - HP Internal USB Ports accessory	HP Smartcard U.S. Government SIPRNet Solution for SIPRNet tokens. Takes advantage of U.S. Government smartcard technology.	F8B30A (service: F8B30-69001)
HP Foreign Interface Harness	Optional port accessory for connecting third-party devices.	B5L31A (service: B5L31-67902)
Hard disk drive, 500GB 5400RPM SED	Optional hard disk drive.	L41606-011
Hard disk drive, 500GB 5400RPM FIPS/CCC OPAL2 7MM	Optional hard disk drive.	L42243-021
Hard disk drive, 500GB FIPS/CCC/TAA OPAL2 7MM	Optional hard disk drive.	L42244-031
HP 1GB DDR3 x32 144-Pin 800MHz SODIMM	Optional 1GB DIMM for expanding the memory	E5K48A (service: E5K48-67902)
HP 2GB DDR3 x32 144-Pin 800MHz SODIMM	Optional 2GB DIMM for expanding the memory	E5K49A (service: 5851-6581)

## Customer self-repair kits

Following are the available customer self-repair kits part numbers.

Customer Self-Repair (CSR) parts are available for many HP LaserJet printers to reduce repair time. More information about the CSR program and benefits can be found at [www.hp.com/go/csr-support](http://www.hp.com/go/csr-support) and [www.hp.com/go/csr-faq](http://www.hp.com/go/csr-faq).

Genuine HP replacement parts can be ordered at [www.hp.com/buy/parts](http://www.hp.com/buy/parts) or by contacting an HP-authorized service or support provider. When ordering, one of the following will be needed: part number, serial number (found on back of printer), printer number, or printer name.

- Parts listed as **A**: Easy
- Parts listed as **B**: Difficult and/or requires tools

**Table 2-7 Customer self-repair kits**

Kit	Description	CSR level	Part number
Control panel (M751/E75245)	Control panel and screwdriver	A	5851-7253
Control panel (M856/E85055)	Control panel and screwdriver	A	K0Q15-67901
Control panel (M776)	Control panel and screwdriver	A	J7Z09-67928
HP 1GB DDR3 x32 144-pin 800MHz SODIMM	Optional DIMM for expanding the memory	A	E5K48-67902

**Table 2-7 Customer self-repair kits (continued)**

Kit	Description	CSR level	Part number
HP 2GB DDR3 x32 144-pin 800MHz SODIMM	Optional DIMM for expanding the memory	A	5851-6581
Hard disk drive 500GB 5400RPM SED (Secure Encrypted Drive)	Replacement hard disk drive SED (Secure Encrypted Drive)	A	L41606-011
Hard disk drive 500GB 5400RPM FIPS/CCC OPAL2 7MM (higher level of security than SED)	Replacement hard disk drive (higher level of security than SED)	A	L42243-021
Hard disk drive 500GB FIPS/CCC/TAA OPAL2 7MM (for use in US government contracts)	Replacement hard disk drive (for use in US government contracts)	A	L42244-031
Tray 1 rollers	Replacement pickup and separation rollers for Tray 1	A	RM2-1525-000CN
Tray 2-x rollers	Replacement pickup and separation rollers for Trays 2-x	A	RM2-1526-000CN
Fuser	Replacement fuser	A	3WT87-67901 (M751/E75245; 110V) 3WT88-67901 (M751/E75245; 220V) 4YL16-67901 (M856/E85055/M776; 110V) 4YL17-67901 (M856/E85055/M776; 220V)
Intermediate transfer belt (ITB)	Replacement ITB	A	RM2-1504-000CN
Toner collection unit (TCU)	Replacement TCU	A	3WT90-67901
Secondary transfer roller	Replacement secondary transfer roller	A	RM2-1399-000CN

## HP service and support

Learn about HP access to additional service and support information.

### Additional service and support for channel partners

Channel partners go to [partner.hp.com](http://partner.hp.com), and then use the steps below to access the HP Web-based Interactive Search Engine (WISE).

### Access WISE for Channel partners

1. Select [Services & Support](#), and then select [Services Delivery](#).
2. Select [Technical Support](#), and then select [Technical Documentation](#).

## Find information about the following topics

- Service manuals
- Service advisories
- Up-to-date control panel message (CPMD) troubleshooting
- Solutions for printer issues and emerging issues
- Remove and replace part instructions and videos
- Install and configure
- Printer specifications
- Warranty and regulatory information

## Additional service and support for HP internal personnel

HP internal personnel, go to one of the following Web-based Interactive Search Engine (WISE) sites:

### Americas (AMS)

- [WISE - English](#)
- [WISE - Spanish](#)
- [WISE - Portuguese](#)
- [WISE - French](#)

### Asia Pacific / Japan (APJ)

- [WISE - English](#)
- [WISE - Japanese](#)
- [WISE - Korean](#)
- [WISE - Chinese \(simplified\)](#)
- [WISE - Chinese \(traditional\)](#)
- [WISE - Thai](#)

### Europe / Middle East / Africa (EMEA)

- [WISE - English](#)



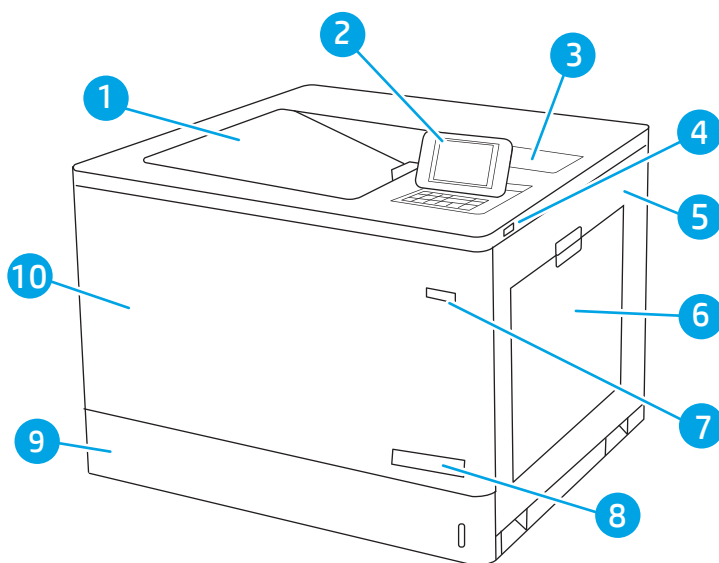
## Assembly locations

Learn about major printer assembly locations.

- [Printer front view \(M751/E75245\)](#)
- [Printer back view \(M751/E75245\)](#)
- [Printer front view \(M856/E85055\)](#)
- [Printer back view \(M856/E85055\)](#)
- [Printer front view \(M776\)](#)
- [Printer back view \(M776\)](#)

### Printer front view (M751/E75245)

Locate features on the front of the printer (M751/E75245).

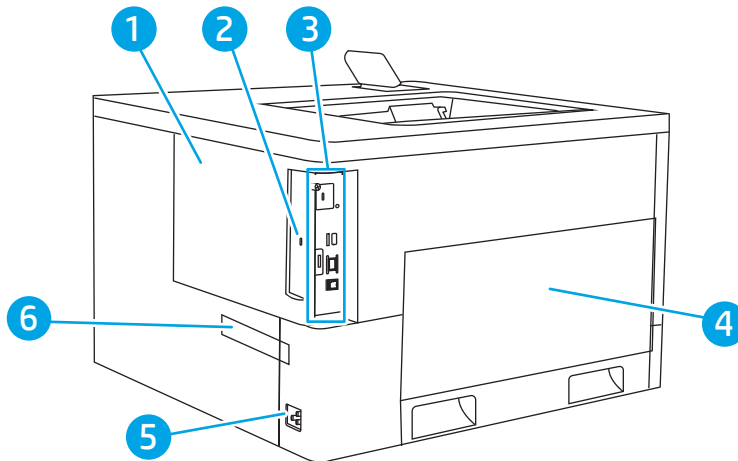


Callout	Description
1	Output bin
2	Control panel with color graphical display and keypad
3	Hardware integration pocket for connecting accessory and third-party devices
4	Easy-access USB port Insert a USB flash drive for printing without a computer or to update the printer firmware. <b>NOTE:</b> An administrator must enable this port before use.
5	Right door (access to the fuser and to clear jams)
6	Tray 1
7	On/off button

Callout	Description
8	Model name
9	Tray 2
10	Front door (access to the toner cartridges and imaging drums)

## Printer back view (M751/E75245)

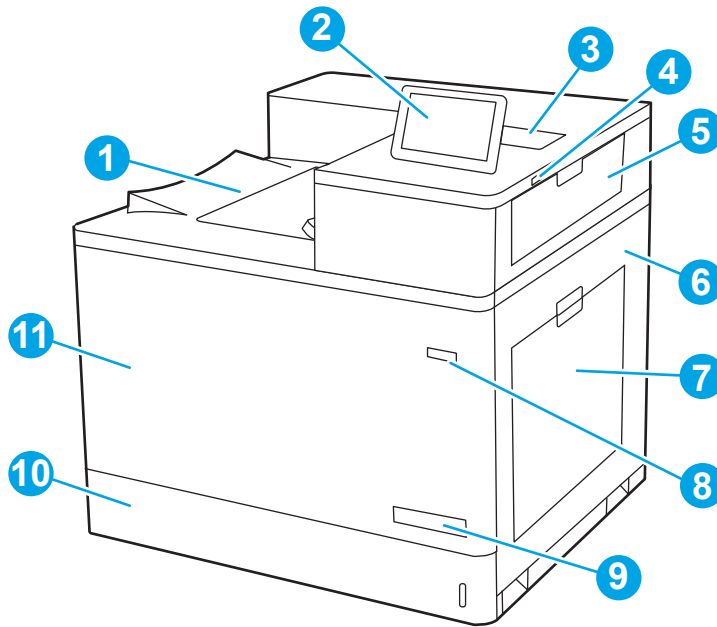
Locate features on the back of the printer (M751/E75245).



Callout	Description
1	Formatter cover
2	Slot for a cable-type security lock
3	Formatter (contains the interface ports)
4	Left door (access to the toner-collection unit)
	<b>NOTE:</b> The front door must be used in order to access the toner-collection unit.
5	Power connection
6	Serial number and product number label

## Printer front view (M856/E85055)

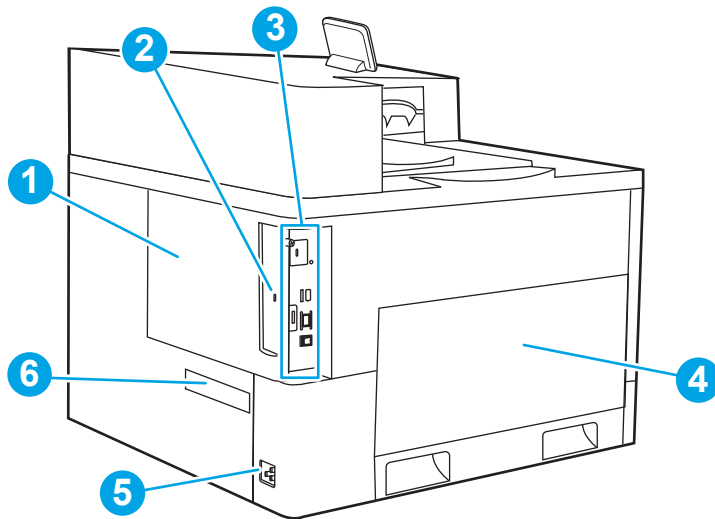
Locate features on the front of the printer (M856/E85055).



Number	Description
1	Output bin
2	Control panel
3	Hardware integration pocket for connecting accessory and third-party devices
4	Easy-access USB port Insert a USB flash drive for printing without a computer or to update the printer firmware. <b>NOTE:</b> An administrator must enable this port before use.
5	Upper-right door (access to clear jams)
6	Right door (access to the fuser and to clear jams)
7	Tray 1
8	On/off button
9	Model name
10	Tray 2
11	Front door (access to the toner cartridges, imaging drums, and waste toner collection unit)

## Printer back view (M856/E85055)

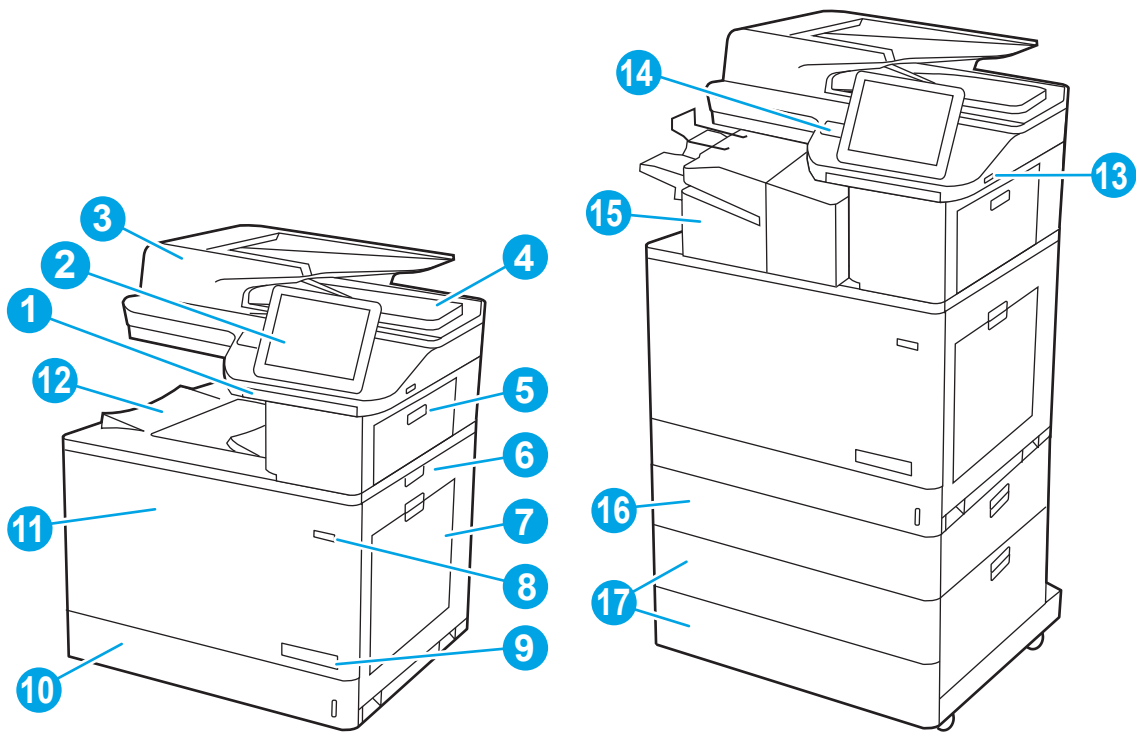
Locate features on the back of the printer (M856/E85055).



Number	Description
1	Formatter cover
2	Slot for a cable-type security lock
3	Formatter (contains the interface ports)
4	Left door (access to the toner-collection unit)
<b>NOTE:</b> The front door also must be open in order to access the toner-collection unit.	
5	Power connection
6	Serial number and product number label

## Printer front view (M776)

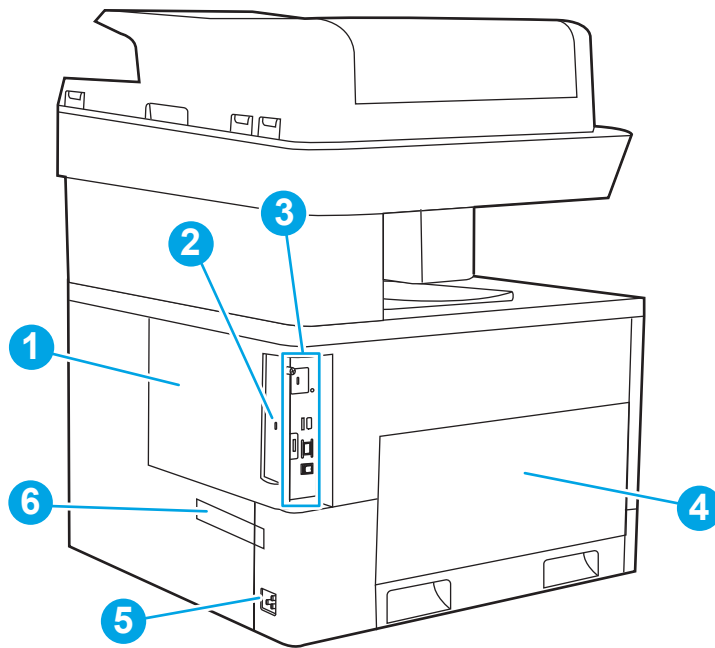
Locate features on the front of the printer (M776).



Number	Description
1	Retractable keyboard (Flow models)
2	Control panel
3	Document feeder cover
4	Document feeder output bin
5	Upper-right door (access to clear jams)
6	Right door (access to the fuser and to clear jams)
7	Tray 1
8	On/off button
9	Model name
10	Tray 2
11	Front door (access to the toner cartridges, imaging drums, and waste toner collection unit)
12	Output bin
13	Easy-access USB port Insert a USB flash drive for printing without a computer or to update the printer firmware. <b>NOTE:</b> An administrator must enable this port before use.
14	Hardware integration pocket for connecting accessory and third-party devices
15	Inline finisher (zs model only)
16	1 x 550 paper tray (included with the zs model; optional accessory for other models)
17	2 x 550 paper tray (included with the zs model; optional accessory for other models)

## Printer back view (M776)

Locate features on the back of the printer (M776).




Number	Description
1	Formatter cover
2	Slot for a cable-type security lock
3	Formatter (contains the interface ports)
4	Left door (access to the toner-collection unit)
	<b>NOTE:</b> The front door also must be opened in order to access the toner-collection unit.
5	Power connection
6	Serial number and product number label

## How to use the parts lists and diagrams

Learn how to use the parts lists and diagrams.

The figures in this chapter show the major sub-assemblies in the printer and their component parts. A parts list table follows each exploded view assembly diagram. The table lists the item number, the associated part number, and the description of each part. If a part is not listed in the table, then it is not a field replacement unit (FRU).

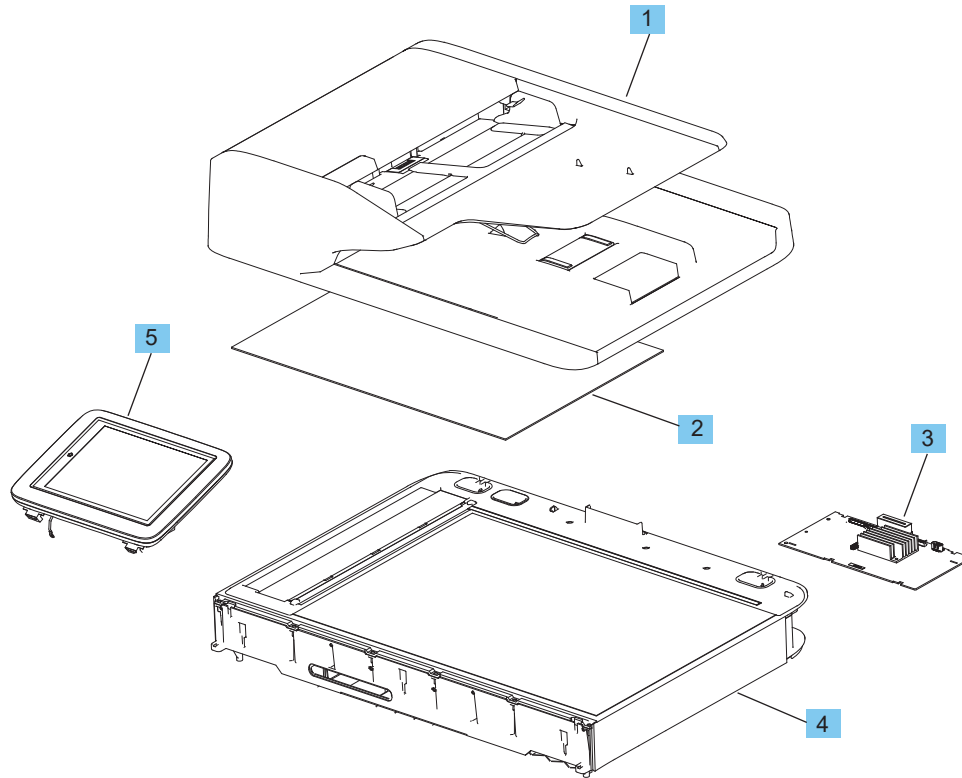
 **NOTE:** The abbreviation “PCA” stands for “printed circuit-board assembly.” Components described as a PCA might consist of a single circuit board or a circuit board plus other parts, such as cables and sensors.



# Parts and diagrams: Document feeder and image scanner (M776)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-1 Document feeder and image scanner (M776)





**Table 2-8** Document feeder and image scanner (M776)

Ref	Part number	Description	Qty
1	5851-7930	ADF whole unit enterprise	1
1	5851-7931	ADF whole unit work flow	1
2	J7Z09-67926	White backing A3 kit	1
3	5851-7916	SCB enterprise	1
3	5851-7917	SCB work flow	1
4	5851-7915	Image scanner whole unit	1
5	J7Z09-67928	Control panel (M776)	1
Not shown	5851-7202	Document feeder roller kit	1
Not shown	J7Z09-67927	White backing retention clip kit	1
Not shown	J7Z09-67931	ADF hinges kit	1

## Parts and diagrams: Printer components

View parts diagrams and parts lists for printer components.

- [Parts and diagrams: Printer components \(M751/E75245\)](#)
- [Parts and diagrams: Printer components \(M856/E85055/M776dn/M776z\)](#)
- [Parts and diagrams: Printer components \(M776zs\)](#)

## Parts and diagrams: Printer components (M751/E75245)

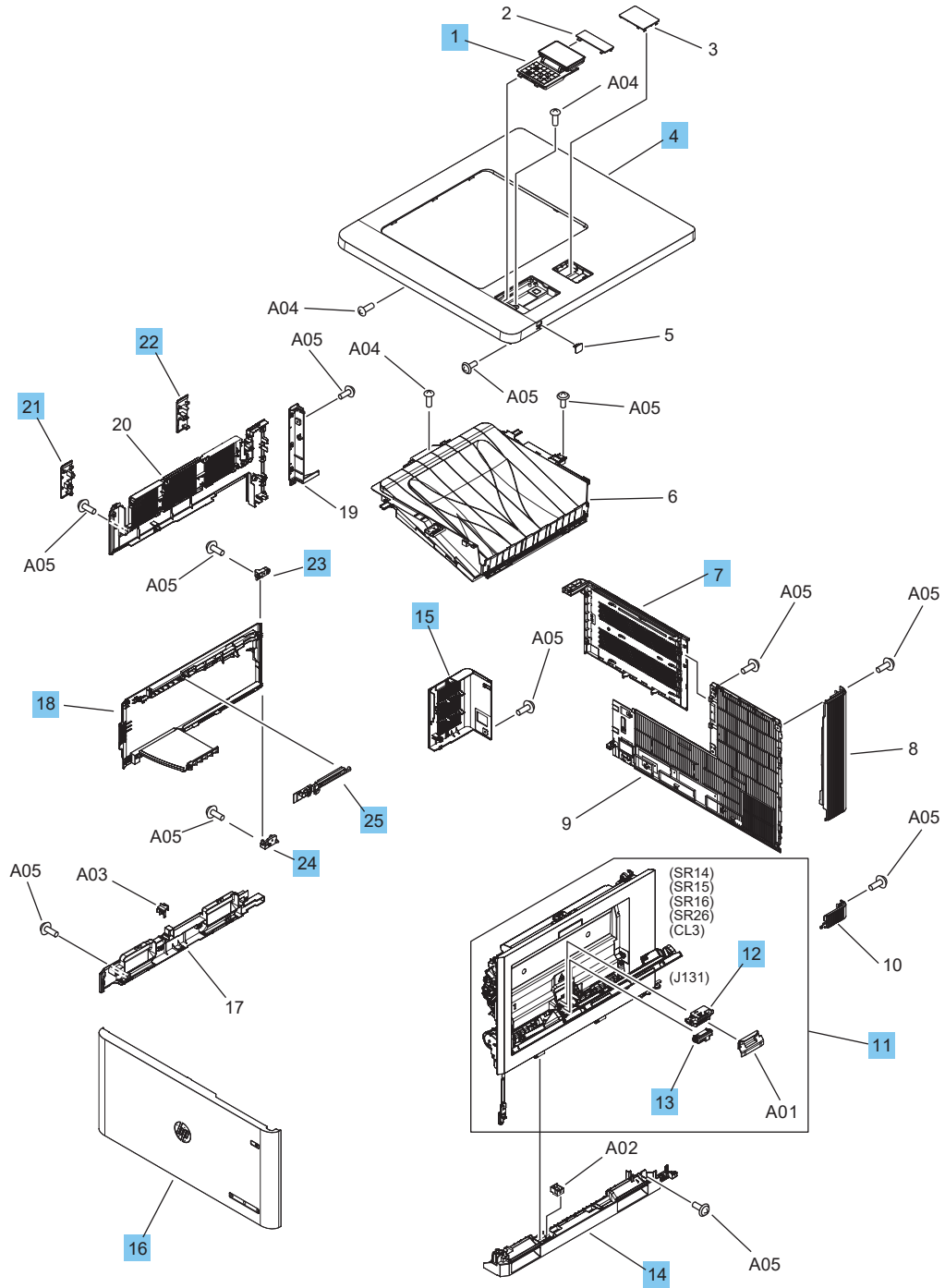
View parts diagrams and parts lists for the M751/E75245 printer components.

- [Parts and diagrams: Printer covers \(M751/E75245\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 1 of 7\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 2 of 7\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 3 of 7\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 4 of 7\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 5 of 7\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 6 of 7\)](#)
- [Parts and diagrams: Printer internal assemblies \(M751/E75245; 7 of 7\)](#)

## Parts and diagrams: Printer covers (M751/E75245)

Parts diagram and parts list for the printer covers (M751/E75245).

Figure 2-2 Printer covers (M751/E75245)



**Table 2-9 Printer covers (M751/E75245)**

Ref	Part number	Description	Qty
1	5851-7253	Control panel (M751/E75245)	1
4	RC5-0658-000CN	Cover, upper	1
7	RM2-1346-000CN	Formatter cover assembly	1
11	RM2-1494-000CN	Right door assembly	1
12	RM2-1525-000CN	Tray 1 pickup roller	1
13	RM2-1525-000CN	Tray 1 separation roller	1
14	RM2-1376-000CN	Right handle assembly	1
15	RC5-1804-000CN	Cover, left rear	1
16	RM2-1368-000CN	Front door assembly	1
18	RM2-1351-000CN	Left door assembly	1
21	RC5-1805-000CN	Cover, left upper, F	1
22	RC5-1806-000CN	Cover, left upper, R	1
23	RC5-0770-000CN	Hinge, left door, upper	1
24	RC5-0801-000CN	Hinge, cover, left	1
25	RM2-1350-000CN	Left cover lock assembly	1

## Parts and diagrams: Printer internal assemblies (M751/E75245; 1 of 7)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-3 Printer internal assemblies (M751/E75245; 1 of 7)

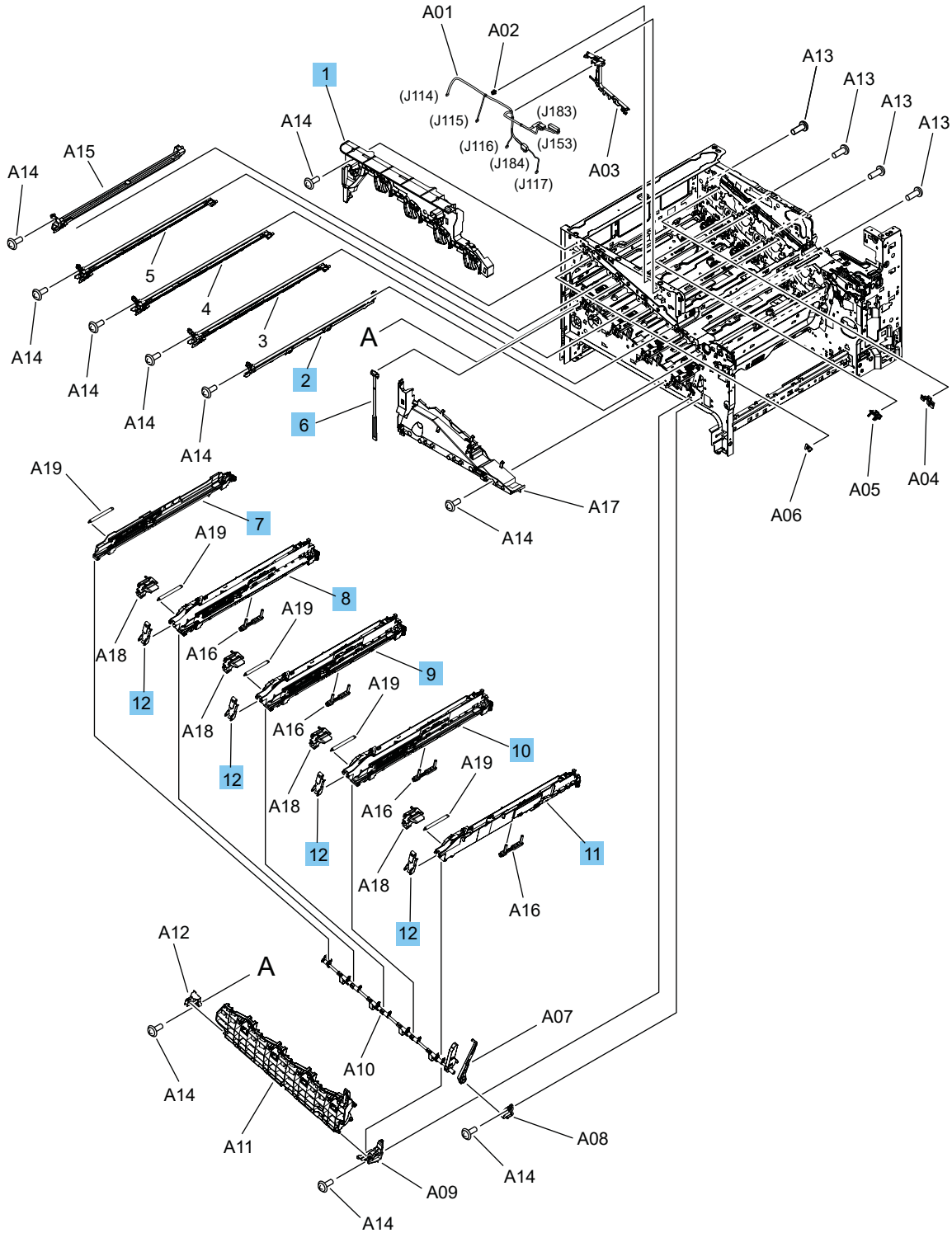


Table 2-10 Printer internal assemblies (M751/E75245; 1 of 7)

Ref	Part number	Description	Qty
1	RM2-1343-000CN	Cartridge upper guide assembly	1
2	RM2-1340-000CN	Black pre-exposure assembly	1
6	RC5-0722-000CN	Arm, front door, left	1
7	RM2-1357-000CN	DT cartridge rail assembly	1
8	RM2-1354-000CN	First cartridge rail assembly	1
9	RM2-1353-000CN	Second cartridge rail assembly	1
10	RM2-1355-000CN	Third cartridge rail assembly	1
11	RM2-1356-000CN	Black cartridge rail assembly	1
12	RL2-2091-000CN	Cartridge guide	4

## Parts and diagrams: Printer internal assemblies (M751/E75245; 2 of 7)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-4 Printer internal assemblies (M751/E75245; 2 of 7)

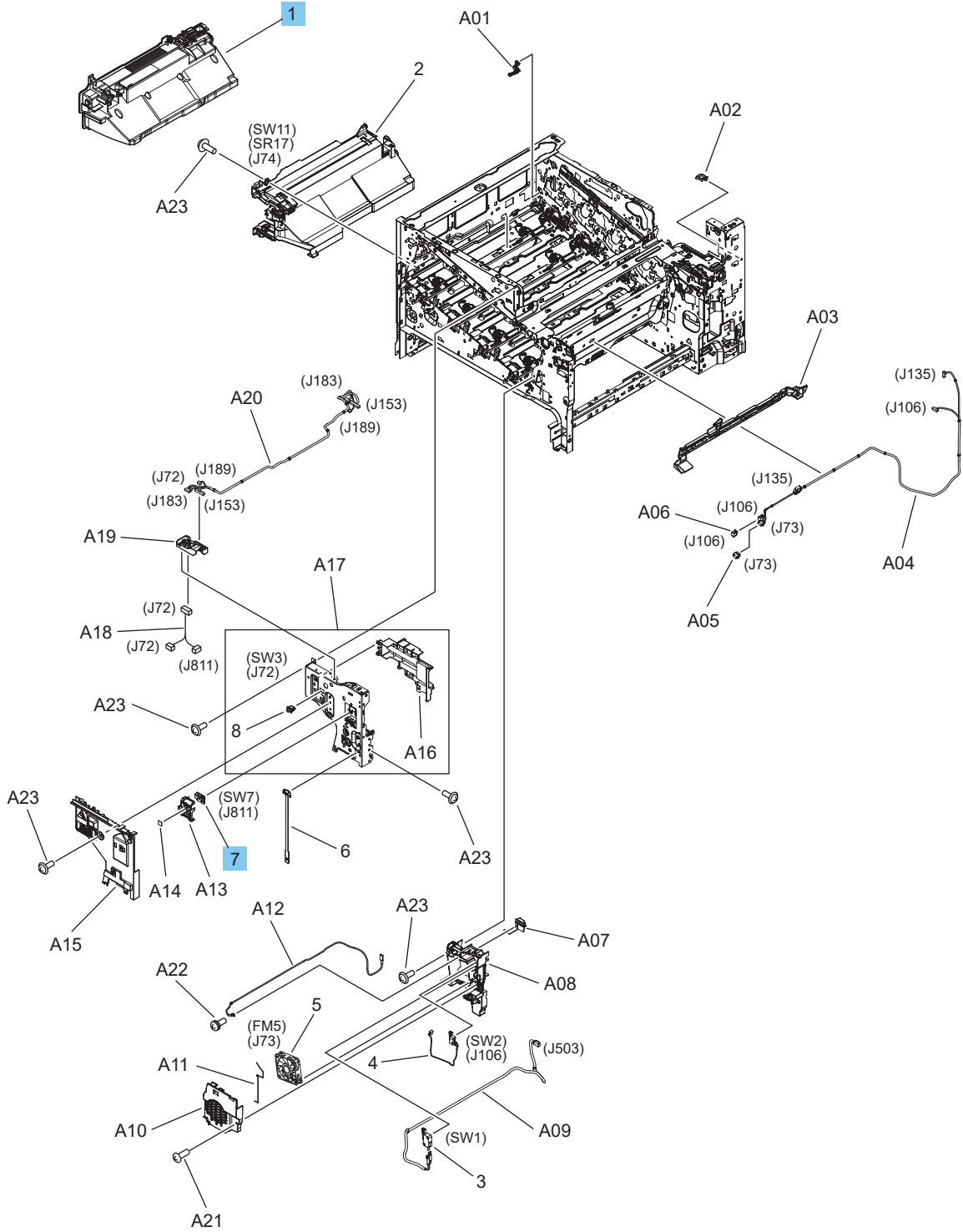




Table 2-11 Printer internal assemblies (M751/E75245; 2 of 7)

Ref	Part number	Description	Qty
1	3WT90-67901	Toner collection unit	1
7	RM2-9610-000CN	Power switch PCB assembly	1

## Parts and diagrams: Printer internal assemblies (M751/E75245; 3 of 7)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-5 Printer internal assemblies (M751/E75245; 3 of 7)

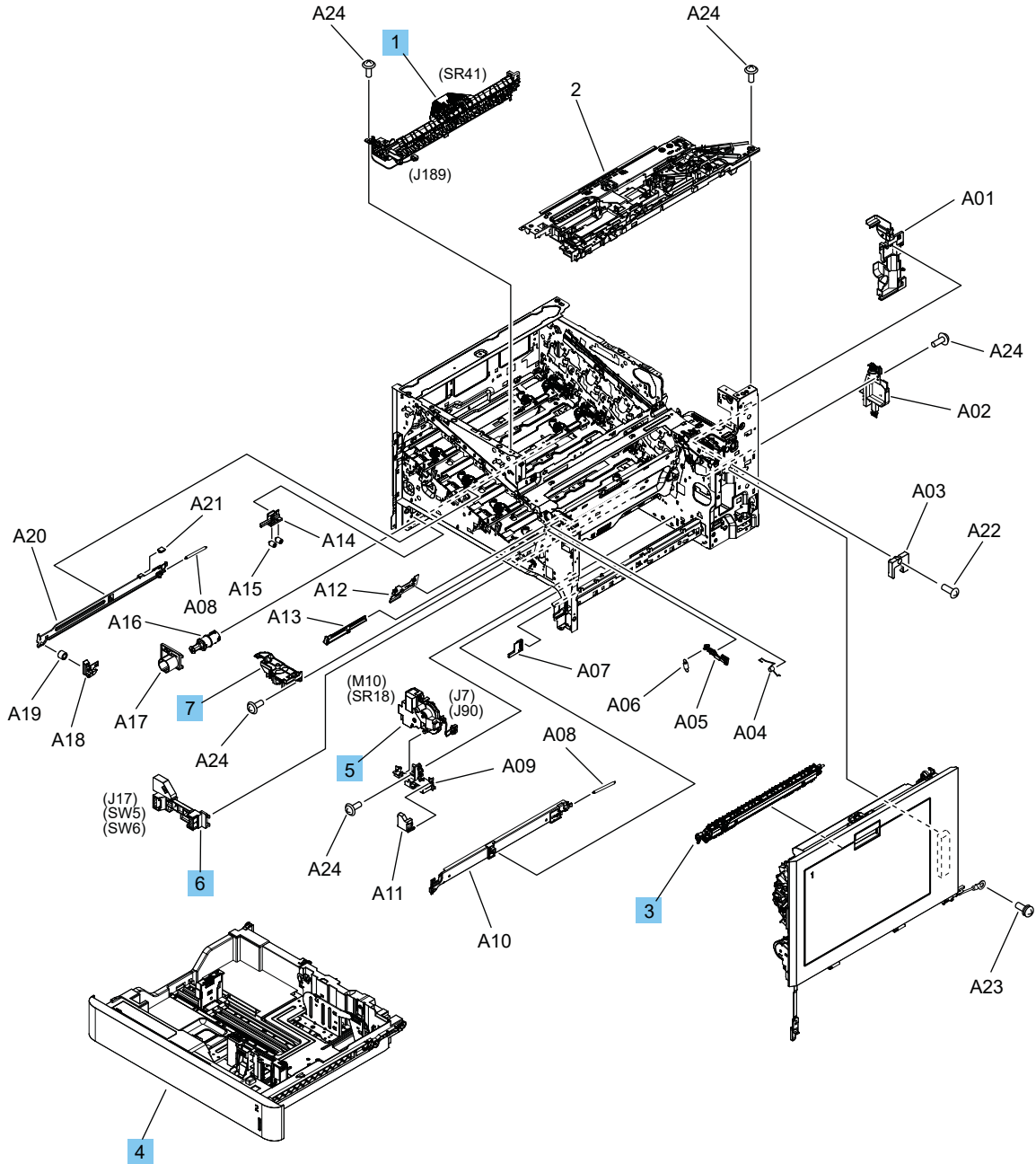


Table 2-12 Printer internal assemblies (M751/E75245; 3 of 7)

Ref	Part number	Description	Qty
1	RM2-1498-000CN	Paper delivery assembly	1
3	RM2-1399-010CN	Secondary transfer roller	1
4	RM2-1394-000CN	Cassette assembly	1
5	RM2-1604-000CN	Lifter drive assembly	1
6	RM2-1436-000CN	Size detect switch assembly	1
7	RM2-1605-000CN	Auto close assembly	1



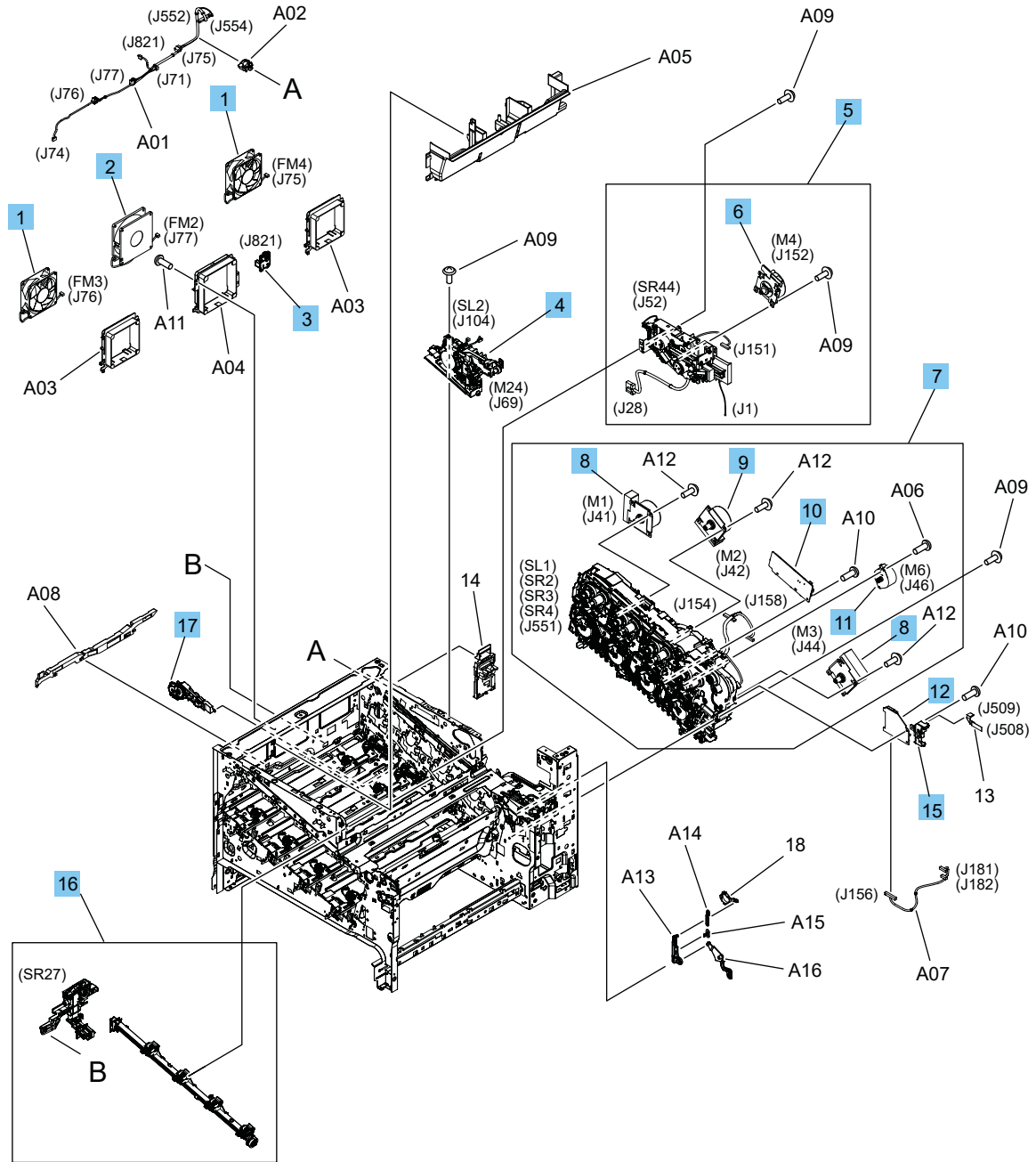
**Table 2-13** Printer internal assemblies (M751/E75245; 4 of 7)

Ref	Part number	Description	Qty
1	RM3-7351-000CN	Memory PCB assembly	1
2	RM2-9601-000CN	Upper high-voltage power supply PCB assembly	1
3	RM2-9624-000CN	Lower high-voltage power supply PCB assembly	1
6	RM2-9630-000CN	DC controller PCB assembly	1
8	RM2-9623-000CN	Second transfer high-voltage PCB assembly	1
Not shown	5851-7702	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)	1
Not shown	5851-7703	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	1
Not shown	5851-7704	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)	1
Not shown	5851-7705	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	1
Not shown	0960-3659	Wireless PCA board	1

## Parts and diagrams: Printer internal assemblies (M751/E75245; 5 of 7)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-7 Printer internal assemblies (M751/E75245; 5 of 7)



**Table 2-14 Printer internal assemblies (M751/E75245; 5 of 7)**

Ref	Part number	Description	Qty
1	RK2-2276-000CN	Fan	2
2	RK2-9148-000CN	Fan	1
3	RM2-9620-000CN	Environment sensor PCB assembly	1
4	RM2-1392-000CN	Duplexing drive assembly	1
5	RM2-1391-000CN	Fuser drive assembly	1
6	RM2-1456-000CN	Fuser motor assembly	1
7	RM2-1614-000CN	Main drive assembly	1
8	RM2-1612-000CN	Main motor assembly	2
9	RM2-1613-000CN	Main motor assembly	1
10	RM2-9618-000CN	Main connecting PCB assembly	1
11	RK2-6027-000CN	Motor, stepping	1
12	RM2-9622-000CN	Connecting PCB assembly	1
15	RC5-1656-000CN	Guide, PCB cable	1
16	RM2-1520-000CN	Waste toner feed assembly	1
17	RM2-1364-000CN	Waste toner gear base assembly	1

## Parts and diagrams: Printer internal assemblies (M751/E75245; 6 of 7)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-8 Printer internal assemblies (M751/E75245; 6 of 7)

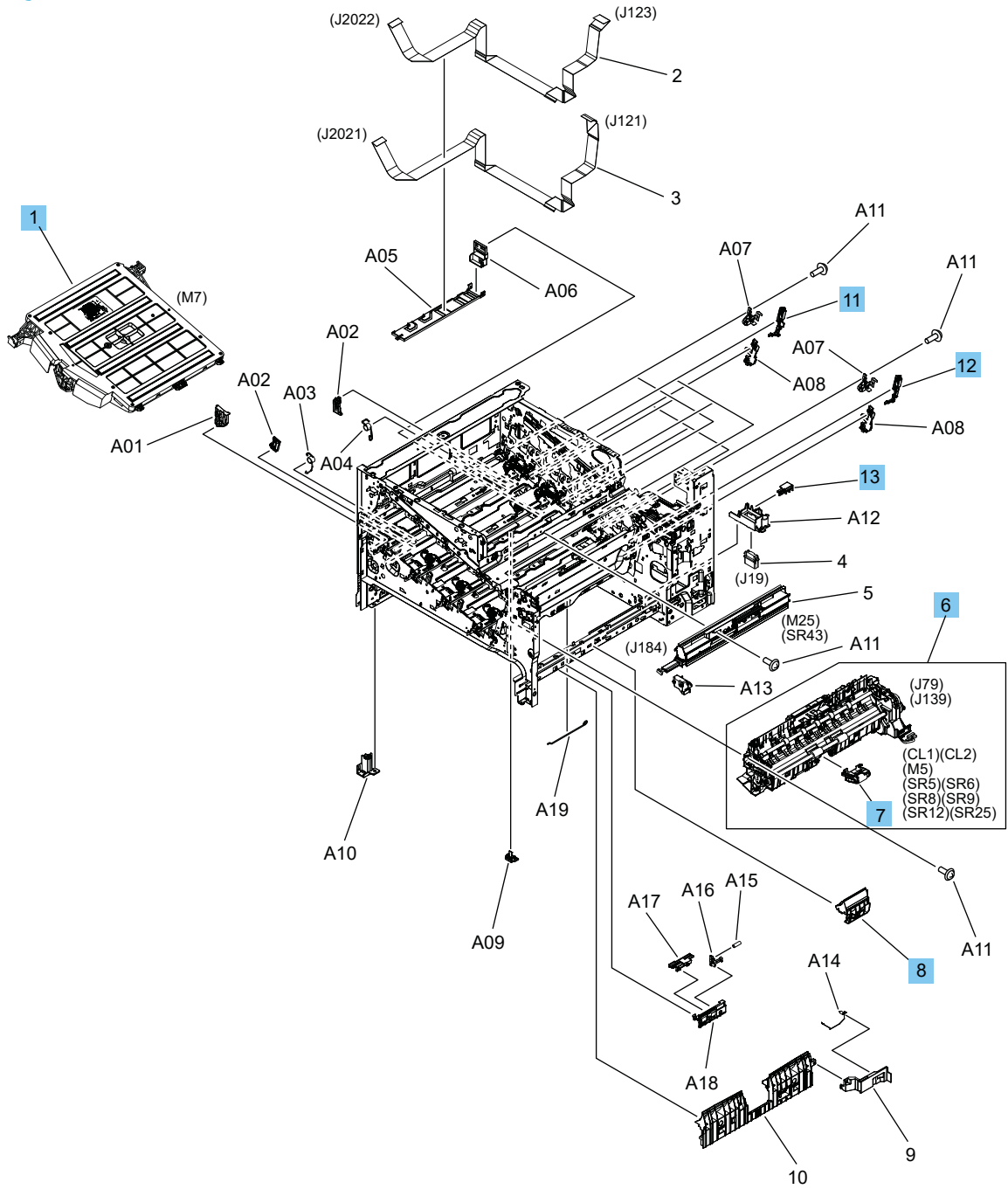




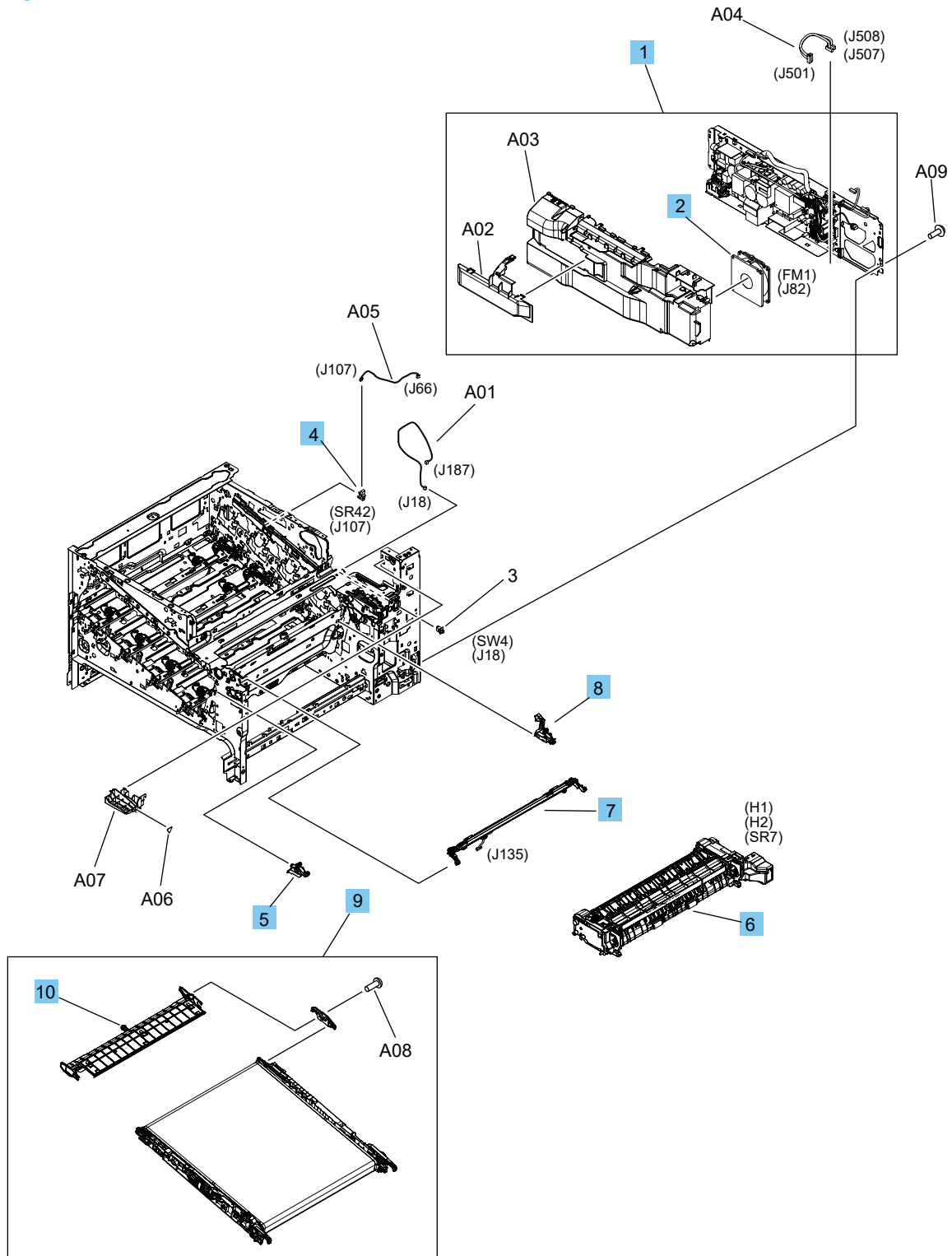
Table 2-15 Printer internal assemblies (M751/E75245; 6 of 7)

Ref	Part number	Description	Qty
1	RM2-1328-020CN	Laser scanner assembly	1
6	RM2-1393-010CN	Paper pickup assembly	1
7	RM2-1526-000CN	Paper pickup roller assembly	1
8	RM2-1526-000CN	Separation roller holder assembly	1
11	RM2-1366-000CN	Waste toner feed link assembly	3
12	RM2-1367-000CN	Waste toner feed link assembly	1
13	RC5-1681-000CN	Spacer, drawer holder	1

## Parts and diagrams: Printer internal assemblies (M751/E75245; 7 of 7)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-9 Printer internal assemblies (M751/E75245; 7 of 7)



**Table 2-16** Printer internal assemblies (M751/E75245; 7 of 7)

Ref	Part number	Description	Qty
1	RM2-1445-000CN	Low-voltage power supply (110V-127V)	1
1	RM2-1453-000CN	Low-voltage power supply (220V-240V)	1
2	RK2-9148-000CN	Fan	1
4	WG8-5935-000CN	IC, photointerrupter	2
5	RM2-1389-000CN	RD pressure link assembly, front	1
6	3WT87-67901	Fuser Kit (110V)	1
6	3WT88-67901	Fuser Kit (220V)	1
7	RM2-1501-000CN	Registration density sensor assembly	1
8	RM2-1390-000CN	RD pressure link assembly, rear	1
9	RM2-1504-000CN	Intermediate transfer belt	1
10	RM2-1490-000CN	Transfer cleaner assembly	1

## Parts and diagrams: Printer components (M856/E85055/M776dn/M776z)

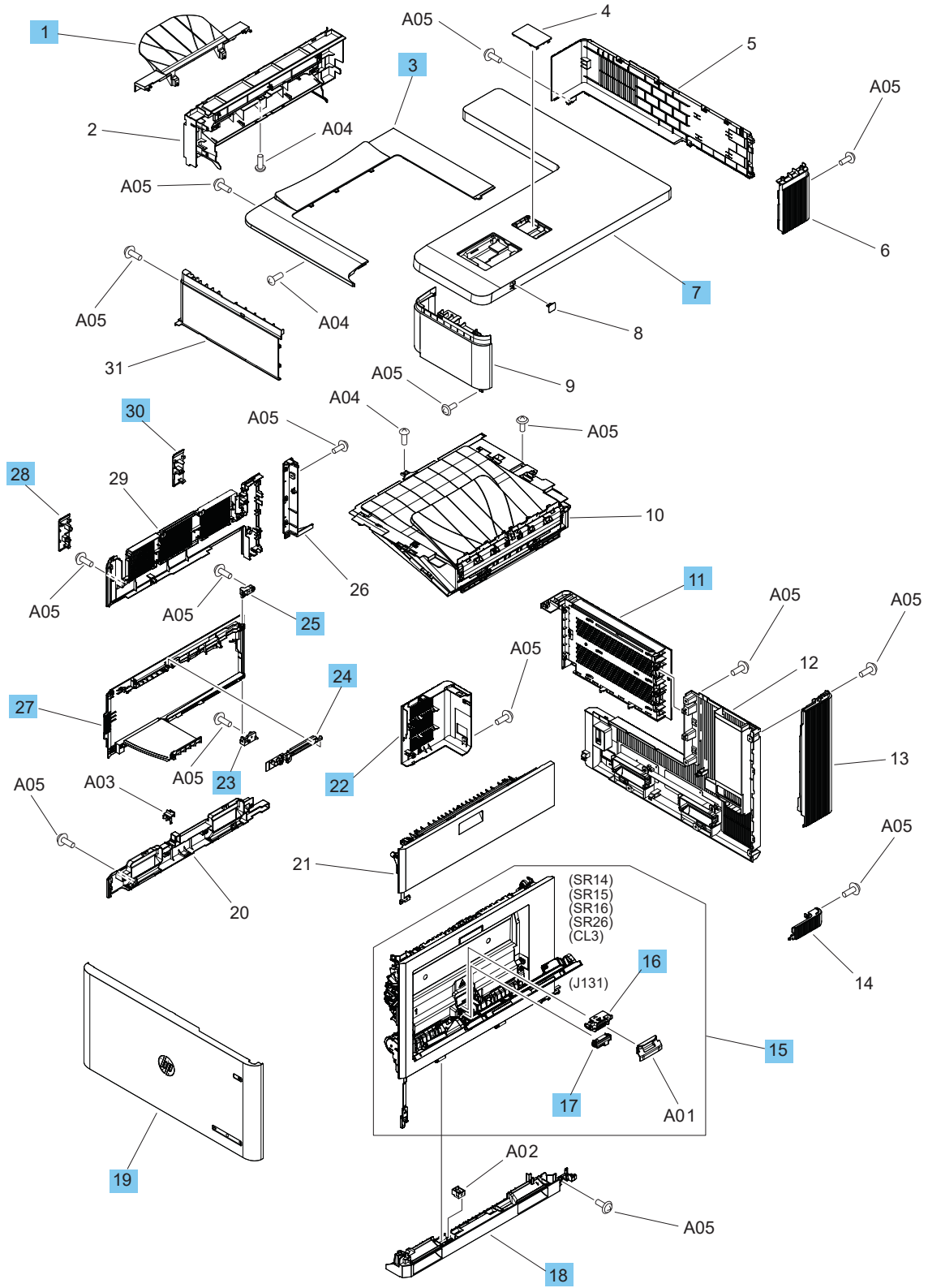
View parts diagrams and parts lists for the M856/E85055/M776dn/M776z printer components.

- [Parts and diagrams: Printer covers \(M856/E85055\)](#)
- [Parts and diagrams: Printer covers \(M776dn/M776z\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 1 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 2 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 3 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 4 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 5 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 6 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 7 of 8\)](#)
- [Parts and diagrams: Printer internal assemblies \(M856/E85055, M776dn/M776z; 8 of 8\)](#)

## Parts and diagrams: Printer covers (M856/E85055)

Parts diagram and parts list for the printer covers (M856/E85055).

Figure 2-10 Printer covers (M856/E85055)



**Table 2-17 Printer covers (M856/E85055)**

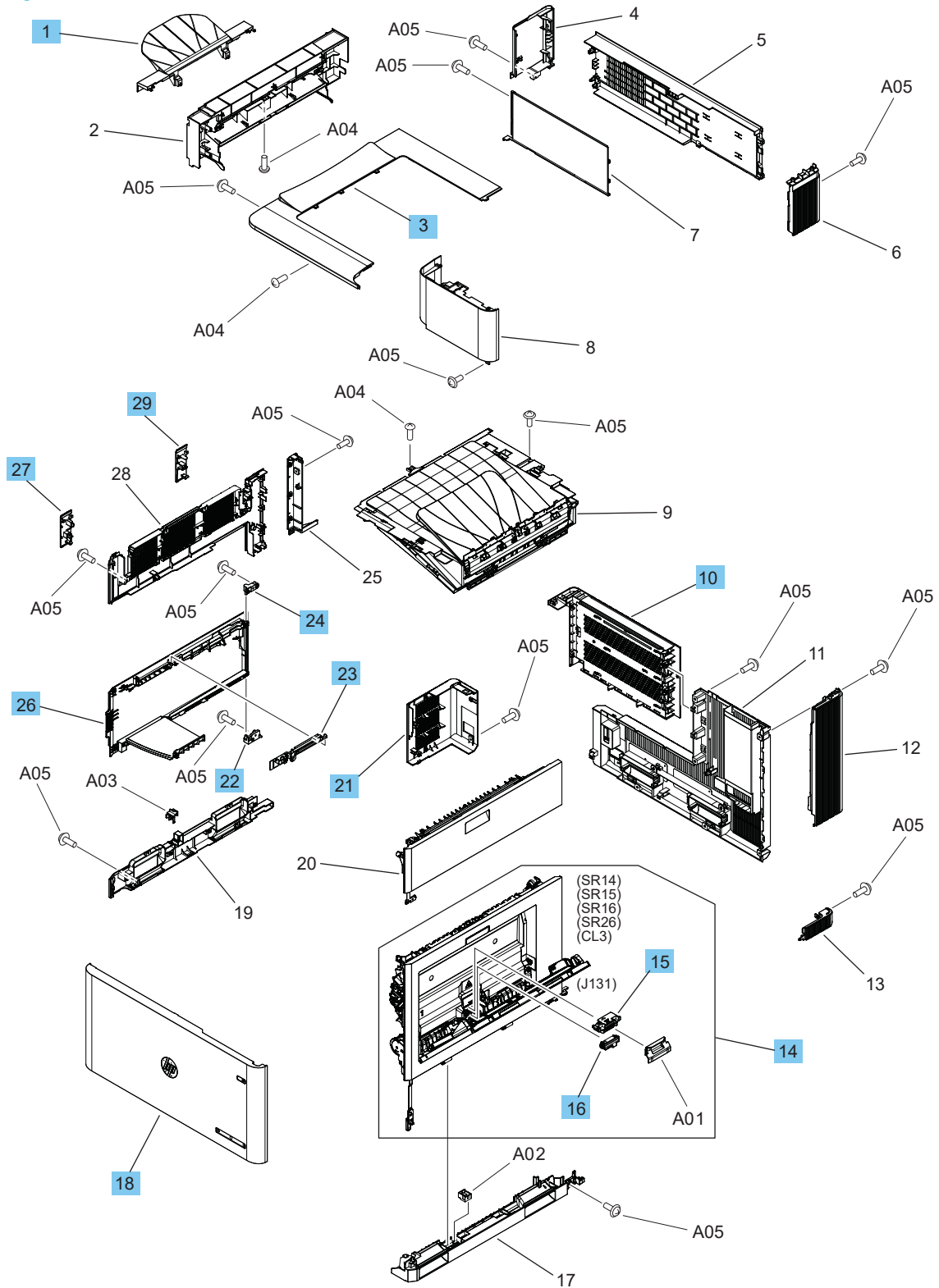
Ref	Part number	Description	Qty
1	RL2-2563-000CN	Tray, reverse	1
3	RC5-2621-000CN	Cover, option, upper	1
7	RC5-2623-000CN	Cover, upper	1
11	RM2-2683-000CN	Formatter cover assembly	1
15	RM2-3434-000CN	Right door assembly	1
16	RM2-1525-000CN	Tray 1 pickup roller	1
17	RM2-1525-000CN	Tray 1 separation roller	1
18	RM2-1376-000CN	Right handle assembly	1
19	RM2-1368-000CN	Front door assembly	1
22	RC5-2632-000CN	Cover, left rear	1
23	RC5-0801-000CN	Hinge, cover, left	1
24	RM2-1350-000CN	Left cover lock assembly	1
25	RC5-0770-000CN	Hinge, left door, upper	1
27	RM2-1351-000CN	Left door assembly	1
28	RC5-1805-000CN	Cover, left upper, F	1
30	RC5-1806-000CN	Cover, left upper, R	1
Not shown	K0Q15-67901	Control panel (M856/E85055)	1



## Parts and diagrams: Printer covers (M776dn/M776z)

Parts diagram and parts list for the printer covers (M776dn/M776z).

Figure 2-11 Printer covers (M776dn/M776z)





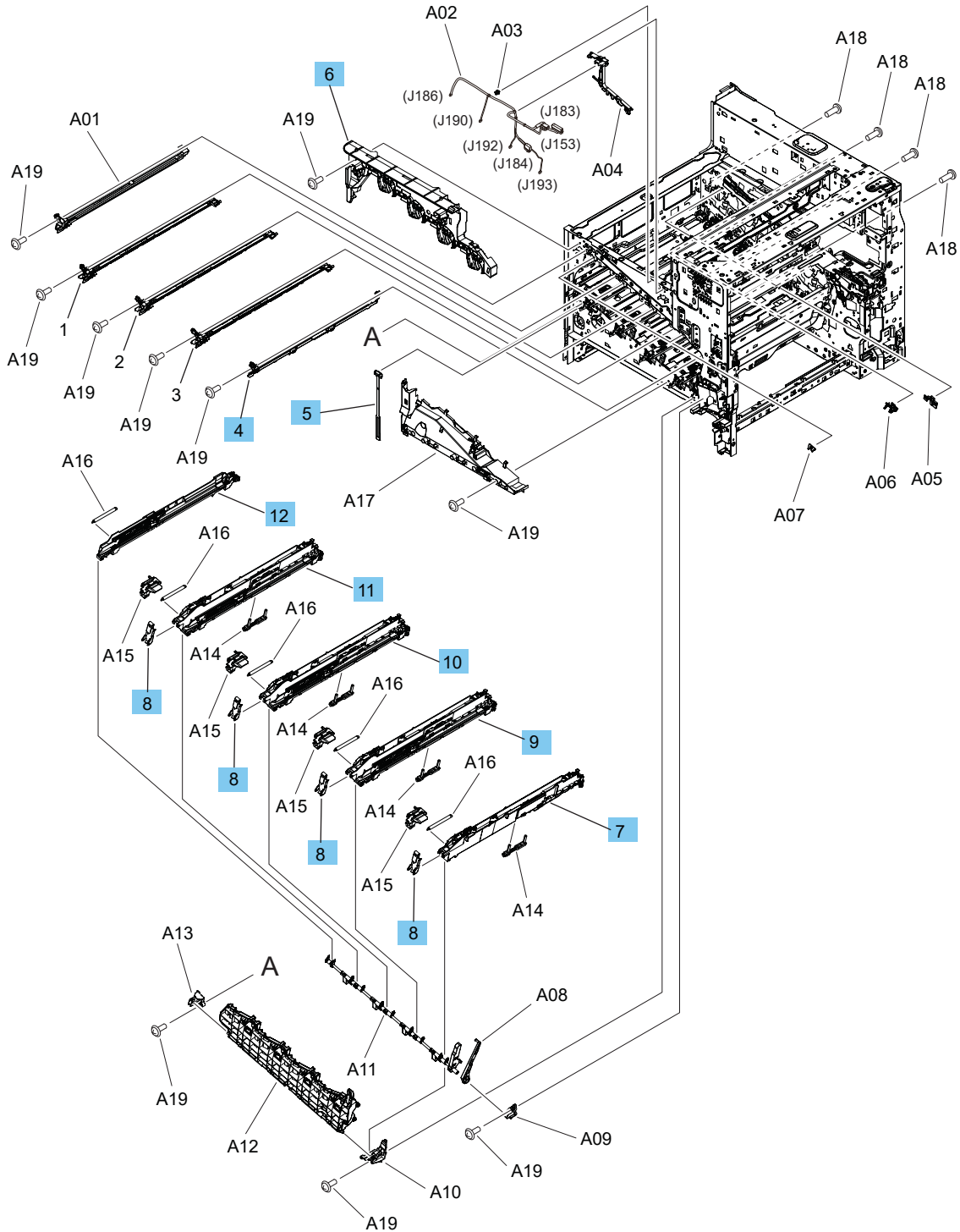
**Table 2-18 Printer covers (M776dn/M776z)**

Ref	Part number	Description	Qty
1	RL2-2563-000CN	Tray, reverse	1
3	RC5-2621-000CN	Cover, option, upper	1
10	RM2-2683-000CN	Formatter cover assembly	1
14	RM2-3434-000CN	Right door assembly	1
15	RM2-1525-000CN	Tray 1 pickup roller	1
16	RM2-1525-000CN	Tray 1 separation roller	1
18	RM2-1368-000CN	Front door assembly	1
21	RC5-2632-000CN	Cover, left rear	1
22	RC5-0801-000CN	Hinge, cover, left	1
23	RM2-1350-000CN	Left cover lock assembly	1
24	RC5-0770-000CN	Hinge, left door, upper	1
26	RM2-1351-000CN	Left door assembly	1
27	RC5-1805-000CN	Cover, left upper, F	1
29	RC5-1806-000CN	Cover, left upper, R	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-12 Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8)



**Table 2-19** Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8)

Ref	Part number	Description	Qty
4	RM2-1340-000CN	Black pre-exposure assembly	1
5	RC5-0722-000CN	Arm, front door, left	1
6	RM2-1343-000CN	Cartridge upper guide assembly	1
7	RM2-1356-000CN	Black cartridge rail assembly	1
8	RL2-2091-000CN	Guide cartridge	4
9	RM2-2482-000CN	Third cartridge rail assembly	1
10	RM2-2480-000CN	Second cartridge rail assembly	1
11	RM2-2481-000CN	First cartridge rail assembly	1
12	RM2-2479-000CN	DT cartridge rail assembly	4

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 2 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-13 Printer internal assemblies (M856/E85055, M776dn/M776z; 2 of 8)

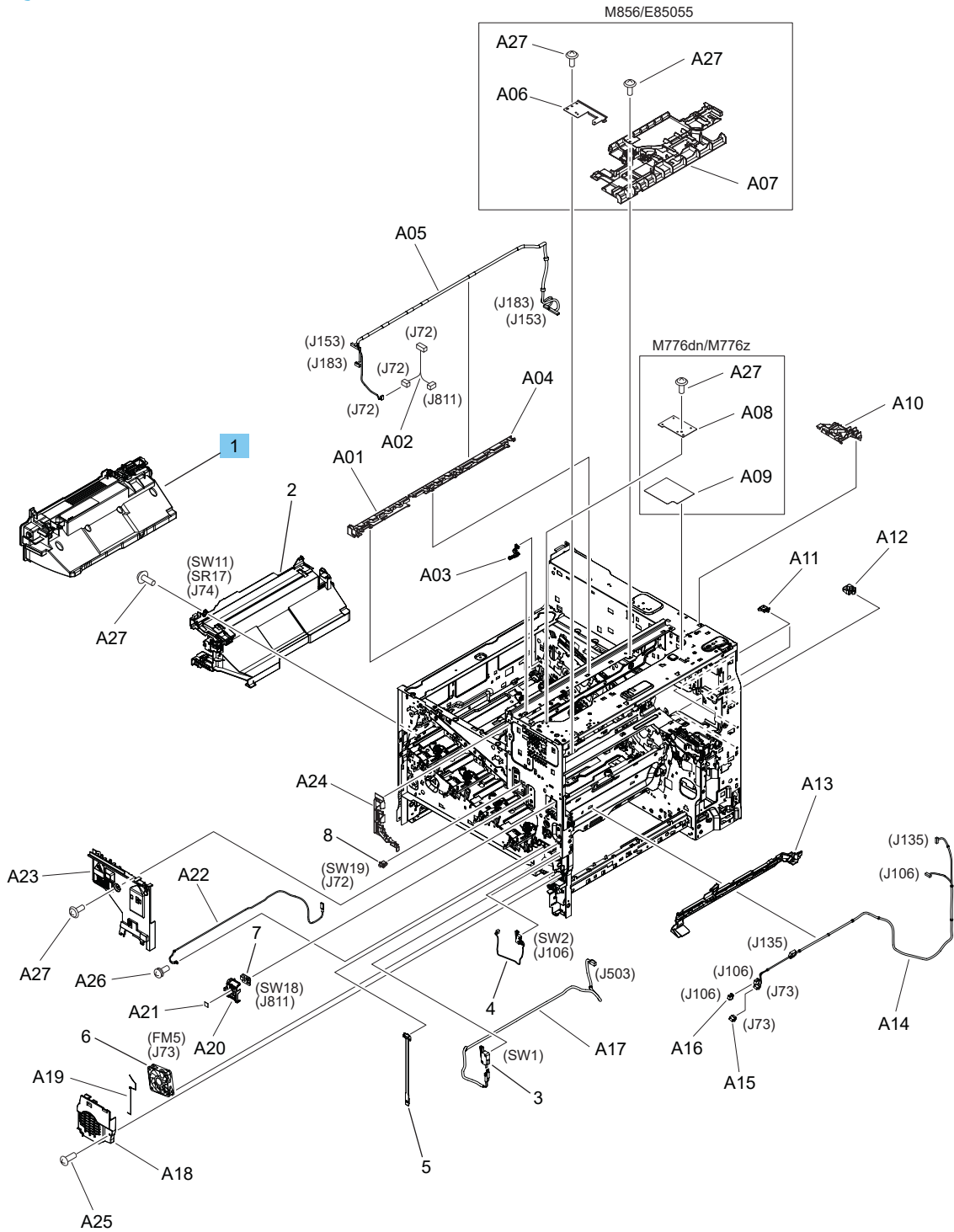


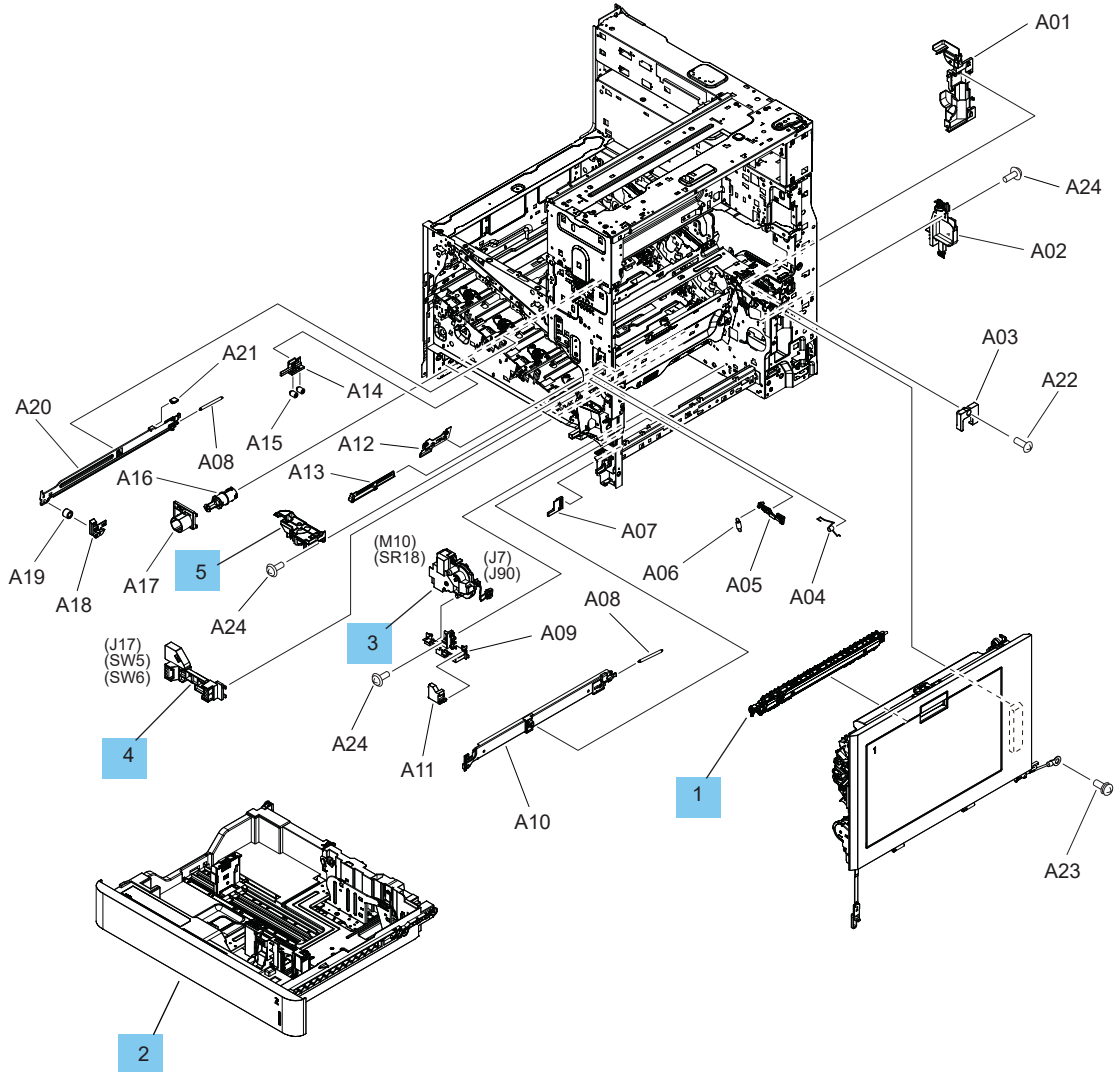
Table 2-20 Printer internal assemblies (M856/E85055, M776dn/M776z; 2 of 8)

Ref	Part number	Description	Qty
1	3WT90-67901	Toner collection unit	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-14 Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8)



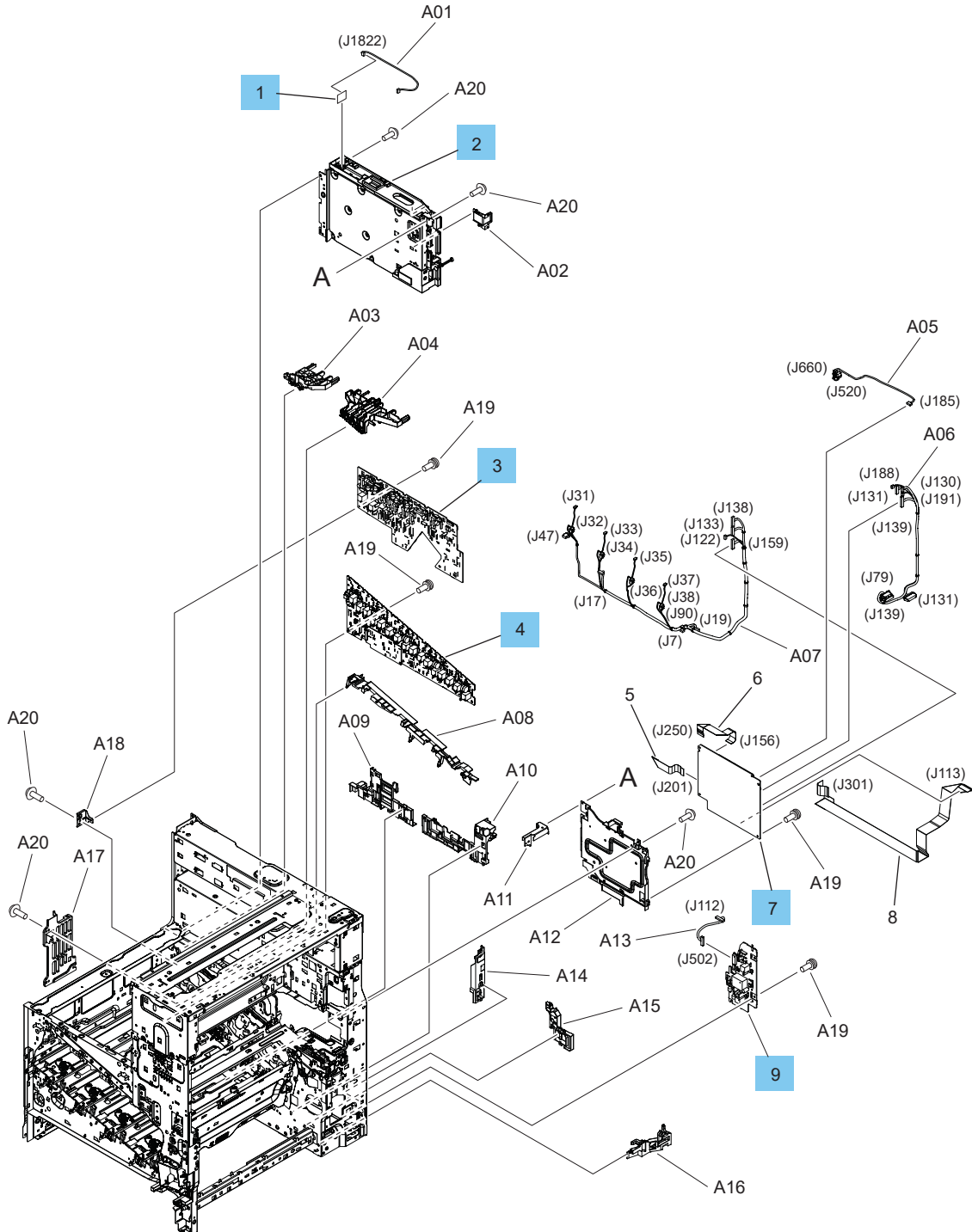
**Table 2-21** Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8)

Ref	Part number	Description	Qty
1	RM2-1399-010CN	Secondary transfer roller	1
2	RM2-1394-000CN	Cassette assembly	1
3	RM2-1604-000CN	Lifter drive assembly	1
4	RM2-1436-000CN	Size detect switch assembly	1
5	RM2-1605-000CN	Auto close assembly	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-15 Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8)





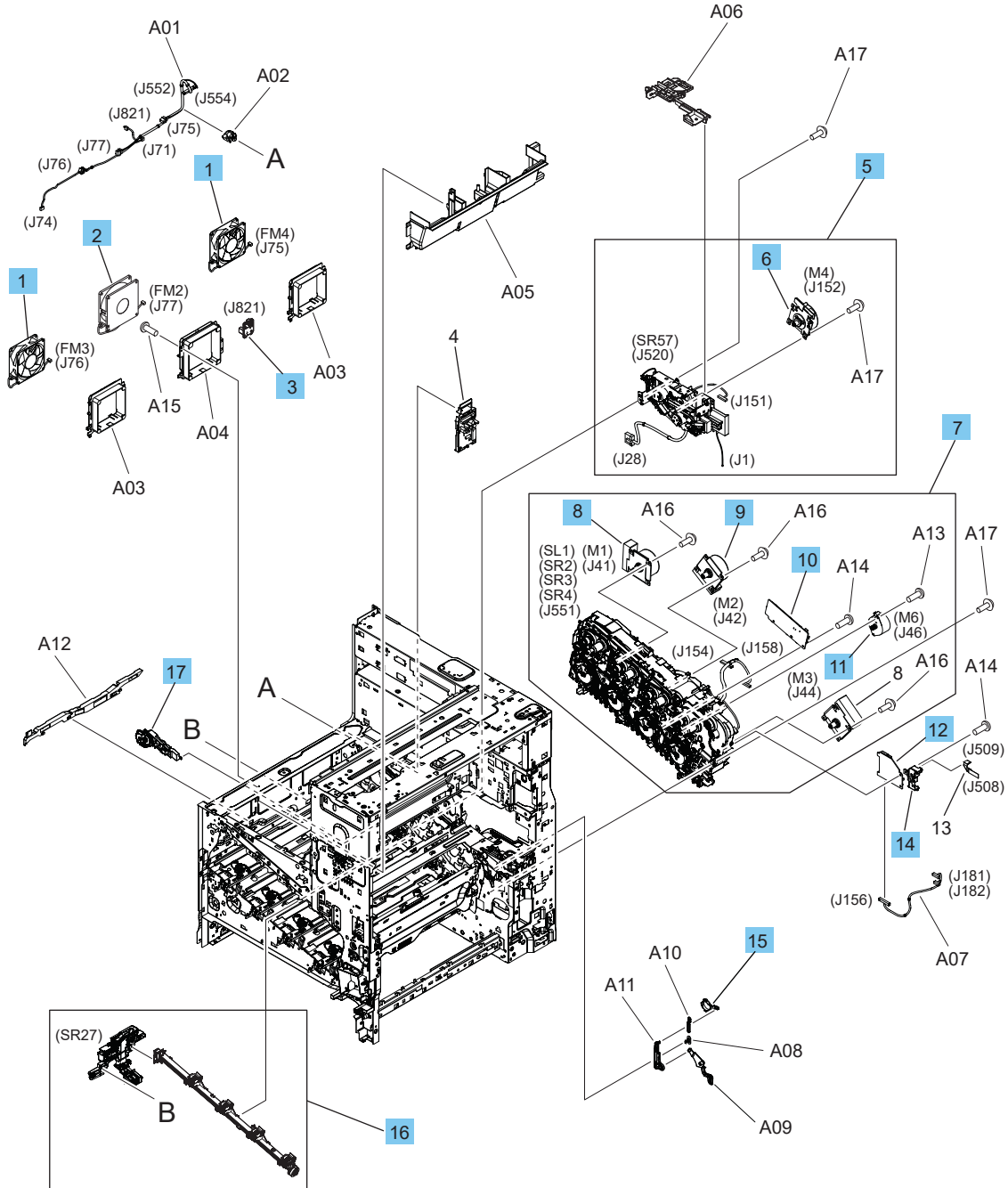
**Table 2-22 Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8)**

Ref	Part number	Description	Qty
1	RM3-7351-000CN	Memory PCB assembly	1
2	RM2-2476-000CN	Formatter case assembly	1
3	RM2-9601-000CN	Upper high-voltage power supply PCB assembly	1
4	RM2-9624-000CN	Lower high-voltage power supply PCB assembly	1
7	RM2-9930-000CN	DC controller PCB assembly	1
9	RM2-9623-000CN	Second transfer H.V.T. PCB assembly	1
Not shown	5851-7702	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)	1
Not shown	5851-7703	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	1
Not shown	5851-7704	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)	1
Not shown	5851-7705	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	1
Not shown	5851-7913	Formatter PCA (M776) (sPAB - SFP)	1
Not shown	5851-7914	Formatter PCA (M776) (sPAB - SFP; India/China)	1
Not shown	0960-3659	Wireless PCA board	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-16 Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8)



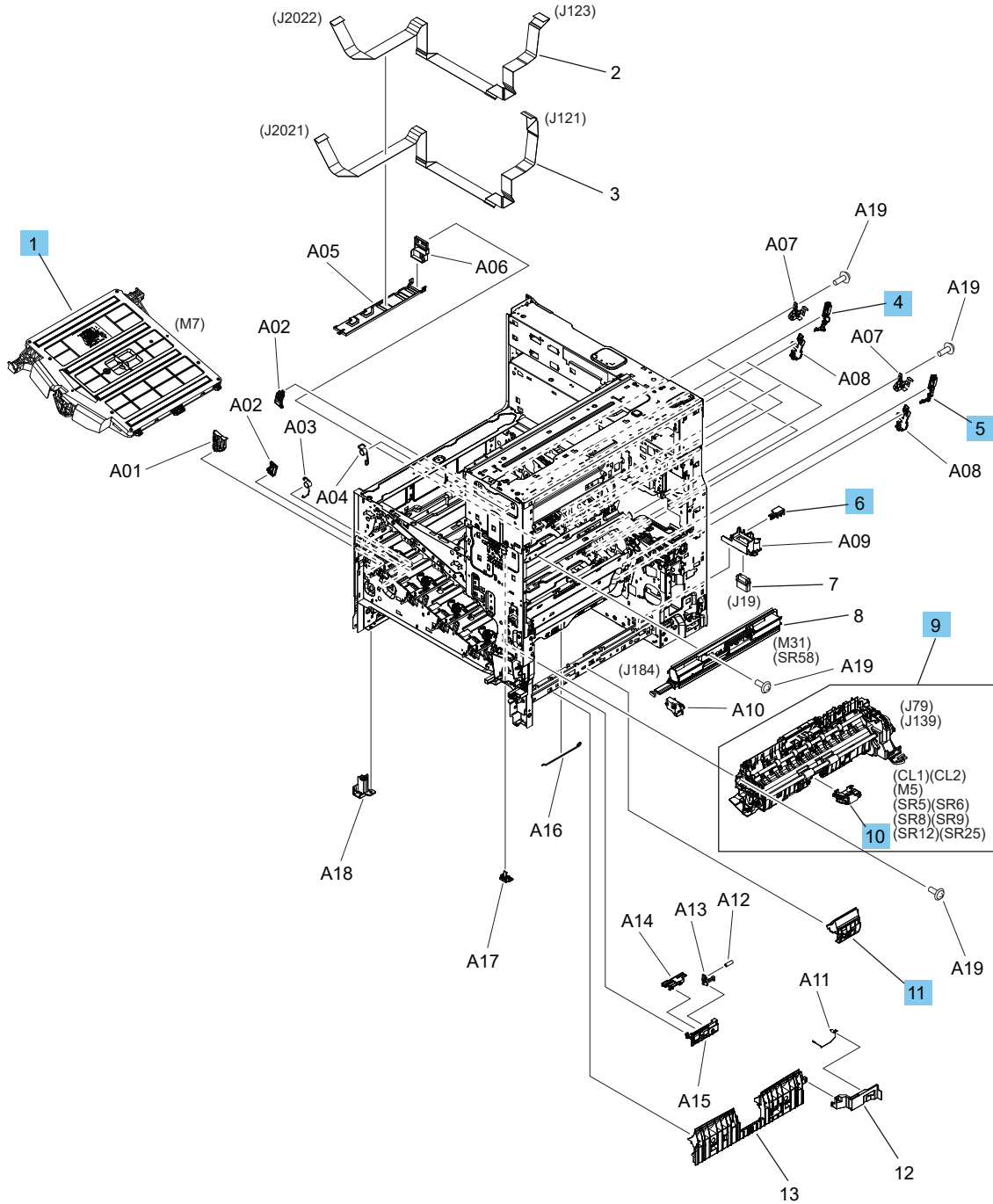
**Table 2-23 Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8)**

Ref	Part number	Description	Qty
1	RK2-2276-000CN	Fan	2
2	RK2-9148-000CN	Fan	1
3	RM2-9620-000CN	Environment sensor PCB assembly	1
5	RM2-1391-000CN	Fuser drive assembly	1
6	RM2-1456-000CN	Fuser motor assembly	1
7	RM2-1614-000CN	Main drive assembly	1
8	RM2-1612-000CN	Main motor assembly	2
9	RM2-1613-000CN	Main motor assembly	1
10	RM2-9618-000CN	Connecting PCB assembly	1
11	RK2-6027-000CN	Motor, stepping	1
12	RM2-9622-000CN	Connecting PCB assembly	1
14	RC5-1656-000CN	Guide, PCB cable	1
15	RC5-1055-000CN	Cam, coupling estrangement	1
16	RM2-1520-000CN	Waste toner auger service kit	1
17	RM2-1364-000CN	Waste toner gear base assembly	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-17 Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8)



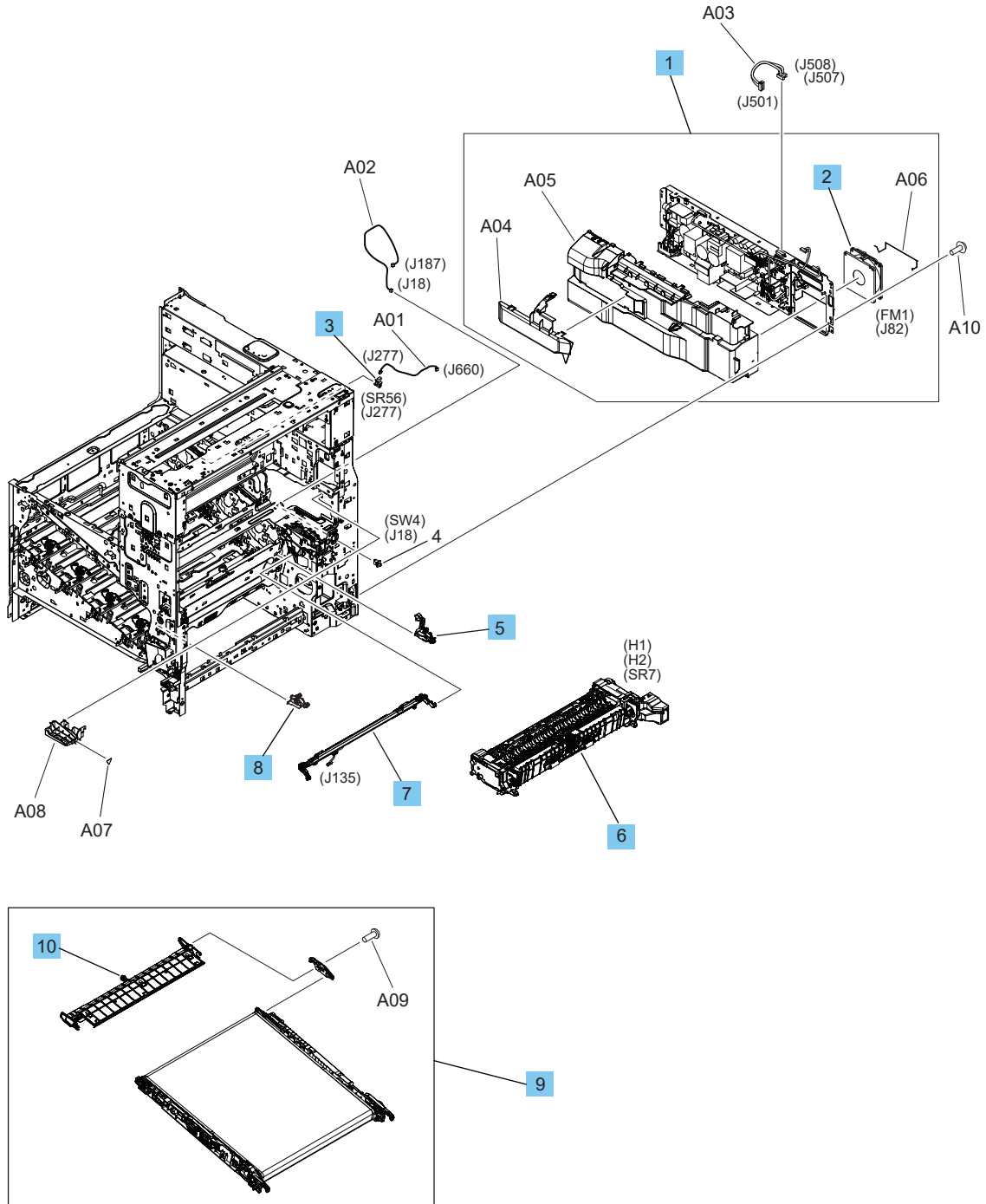
**Table 2-24 Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8)**

Ref	Part number	Description	Qty
1	RM2-1328-020CN	Laser scanner assembly	1
4	RM2-1366-000CN	Waste toner feed link assembly	3
5	RM2-1367-000CN	Waste toner feed link assembly	1
6	RC5-1681-000CN	Spacer, drawer holder	1
9	RM2-3908-000CN	Paper pickup assembly	1
10	RM2-1526-000CN	Paper pickup roller assembly	1
11	RM2-1526-000CN	Separation roller holder assembly	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-18 Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8)



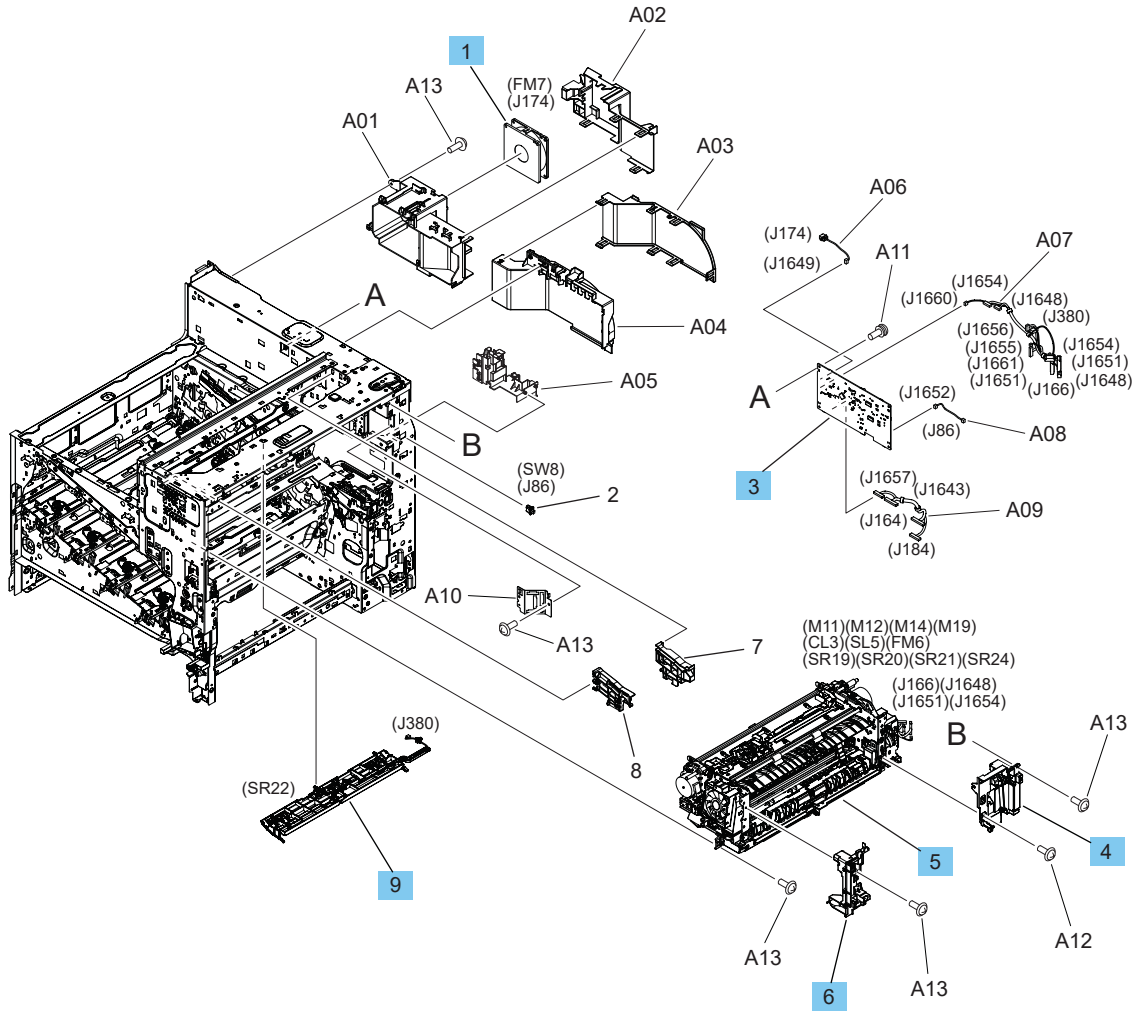
**Table 2-25** Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8)

Ref	Part number	Description	Qty
1	RM2-2473-000CN	Low-voltage power supply (110V-127V)	1
1	RM2-2474-000CN	Low-voltage power supply (220V-240V)	1
2	RK2-9148-000CN	Fan	1
3	WG8-5935-000CN	IC, photointerrupter	1
5	RM2-1390-000CN	RD pressure link assembly, rear	1
6	4YL16-67901	Fuser kit (110V)	1
6	4YL17-67901	Fuser kit (220V)	1
7	RM2-1501-000CN	Registration density sensor assembly, front	1
8	RM2-1389-000CN	RD pressure link assembly, front	1
9	RM2-1504-000CN	Intermediate transfer belt assembly	1
10	RM2-1490-000CN	Transfer cleaner assembly	1

## Parts and diagrams: Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-19 Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8)





**Table 2-26** Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8)

Ref	Part number	Description	Qty
1	RK2-9148-000CN	Fan	1
3	RM2-9921-000CN	Duplexing controller PCB assembly	1
4	RM2-1763-000CN	Toggle rear assembly	1
5	RM2-1777-000CN	Paper delivery assembly	1
6	RM2-1764-000CN	Toggle front assembly	1
9	RM2-2690-000CN	Duplexing reverse guide assembly	1

## Parts and diagrams: Printer components (M776zs)

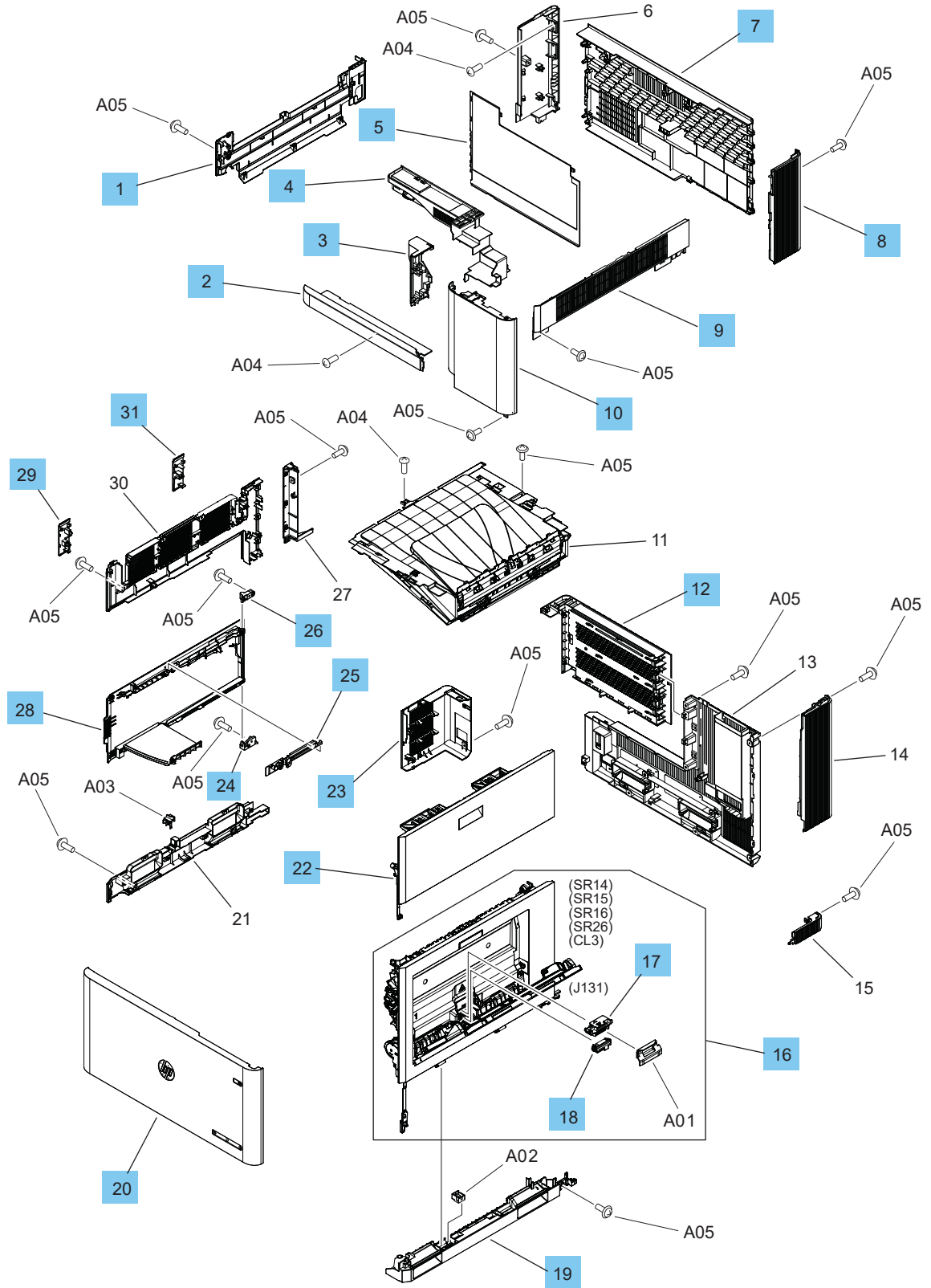
View parts diagrams and parts lists for the M776zs printer components.

- [Parts and diagrams: Printer covers \(M776zs\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 1 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 2 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 3 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 4 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 5 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 6 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 7 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 8 of 9\)](#)
- [Parts and diagrams: Printer internal assemblies \(M776zs; 9 of 9\)](#)

## Parts and diagrams: Printer covers (M776zs)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-20 Printer covers (M776zs)



**Table 2-27 Printer covers (M776zs)**

Ref	Part number	Description	Qty
1	RC5-2734-000CN	Cover, paper delivery	1
2	RC5-2732-000CN	Cover, front	1
3	RC5-2728-000CN	Cover, paper delivery, front	1
4	RM2-1782-000CN	Rear delivery cover assembly	1
5	RC5-2731-000CN	Cover, main	1
7	RC5-2730-000CN	Cover, rear upper	1
8	RC5-2735-000CN	Cover, rear right, upper	1
9	RC5-2733-000CN	Cover, right upper	1
10	RM2-2661-000CN	Right front cover assembly	1
12	RM2-2683-000CN	Formatter cover assembly	1
16	RM2-3434-000CN	Right door assembly	1
17	RM2-1525-000CN	Tray 1 pickup roller	1
18	RM2-1525-000CN	Tray 1 separation roller	1
19	RM2-2660-000CN	Right handle assembly	1
20	RM2-1368-000CN	Front door assembly	1
22	RM2-1785-000CN	Right upper door assembly	1
23	RC5-2632-000CN	Cover, left rear	1
24	RC5-0801-000CN	Hinge, cover, left	1
25	RM2-1350-000CN	Left cover lock assembly	1
26	RC5-0770-000CN	Hinge, left door, upper	1
28	RM2-1351-000CN	Left door assembly	1
29	RC5-1805-000CN	Cover, left upper, F	1
31	RC5-1806-000CN	Cover, left upper, R	1



## Parts and diagrams: Printer internal assemblies (M776zs; 1 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-21 Printer internal assemblies (M776zs; 1 of 9)

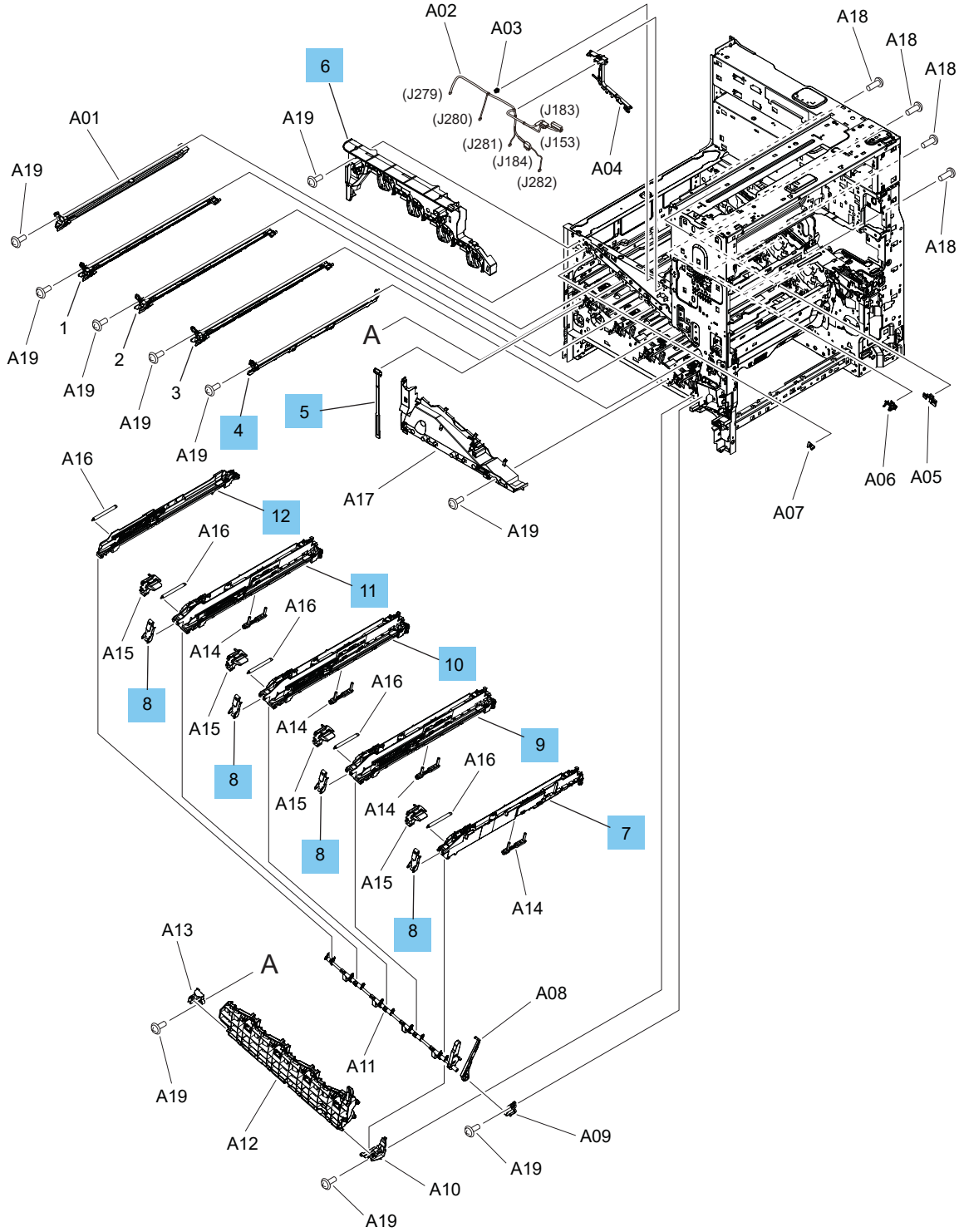


Table 2-28 Printer internal assemblies (M776zs; 1 of 9)

Ref	Part number	Description	Qty
4	RM2-1340-000CN	Black pre-exposure assembly	1
5	RC5-0722-000CN	Arm, front door, left	1
6	RM2-1343-000CN	Cartridge upper guide assembly	1
7	RM2-1356-000CN	Black cartridge rail assembly	1
8	RL2-2091-000CN	Guide, cartridge	4
9	RM2-2682-000CN	Third cartridge rail assembly	1
10	RM2-2480-000CN	Second cartridge rail assembly	1
11	RM2-2681-000CN	First cartridge rail assembly	1
12	RM2-2479-000CN	DT Cartridge rail assembly	1

## Parts and diagrams: Printer internal assemblies (M776zs; 2 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-22 Printer internal assemblies (M776zs; 2 of 9)

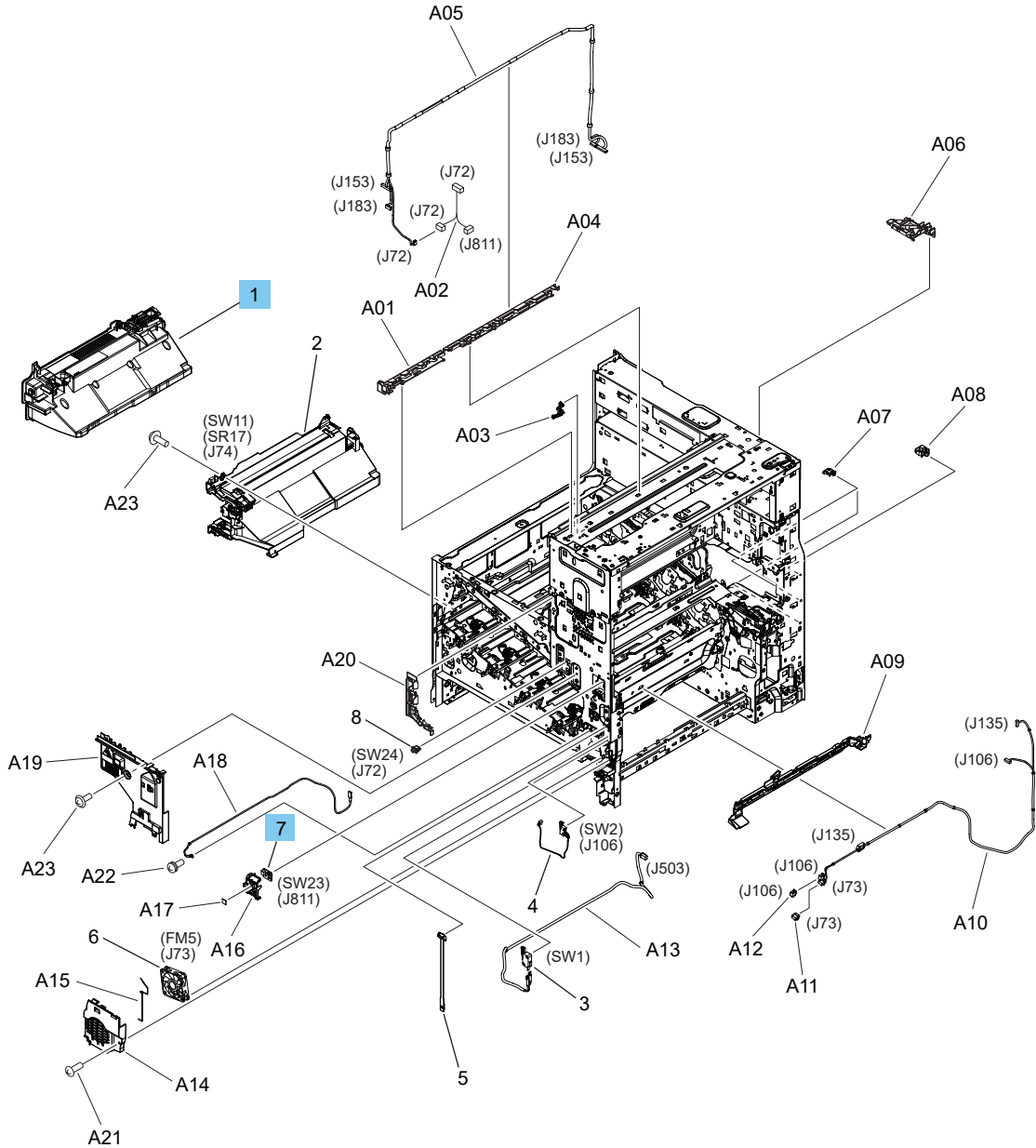




Table 2-29 Printer internal assemblies (M776zs; 2 of 9)

Ref	Part number	Description	Qty
1	3WT90-67901	Toner collection unit	1
7	RM2-9610-000CN	Power switch PCB assembly	1

## Parts and diagrams: Printer internal assemblies (M776zs; 3 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-23 Printer internal assemblies (M776zs; 3 of 9)

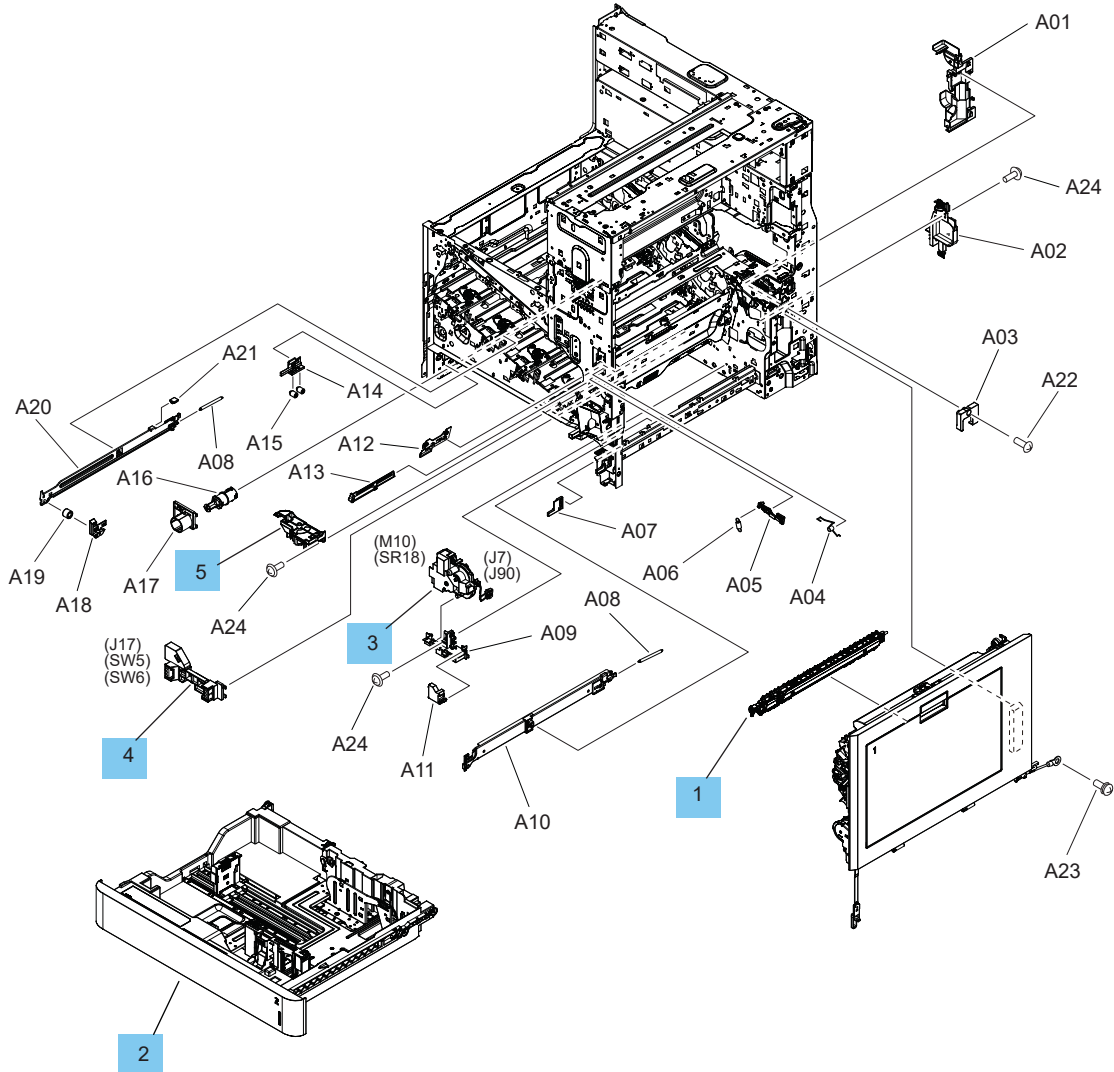


Table 2-30 Printer internal assemblies (M776zs; 3 of 9)

Ref	Part number	Description	Qty
1	RM2-1399-010CN	Second transfer, roller assembly	1
2	RM2-1394-000CN	Cassette Assembly	1
3	RM2-1604-000CN	Lifter drive assembly	1
4	RM2-1436-000CN	Size detect switch assembly	1
5	RM2-1605-000CN	Auto close assembly	1



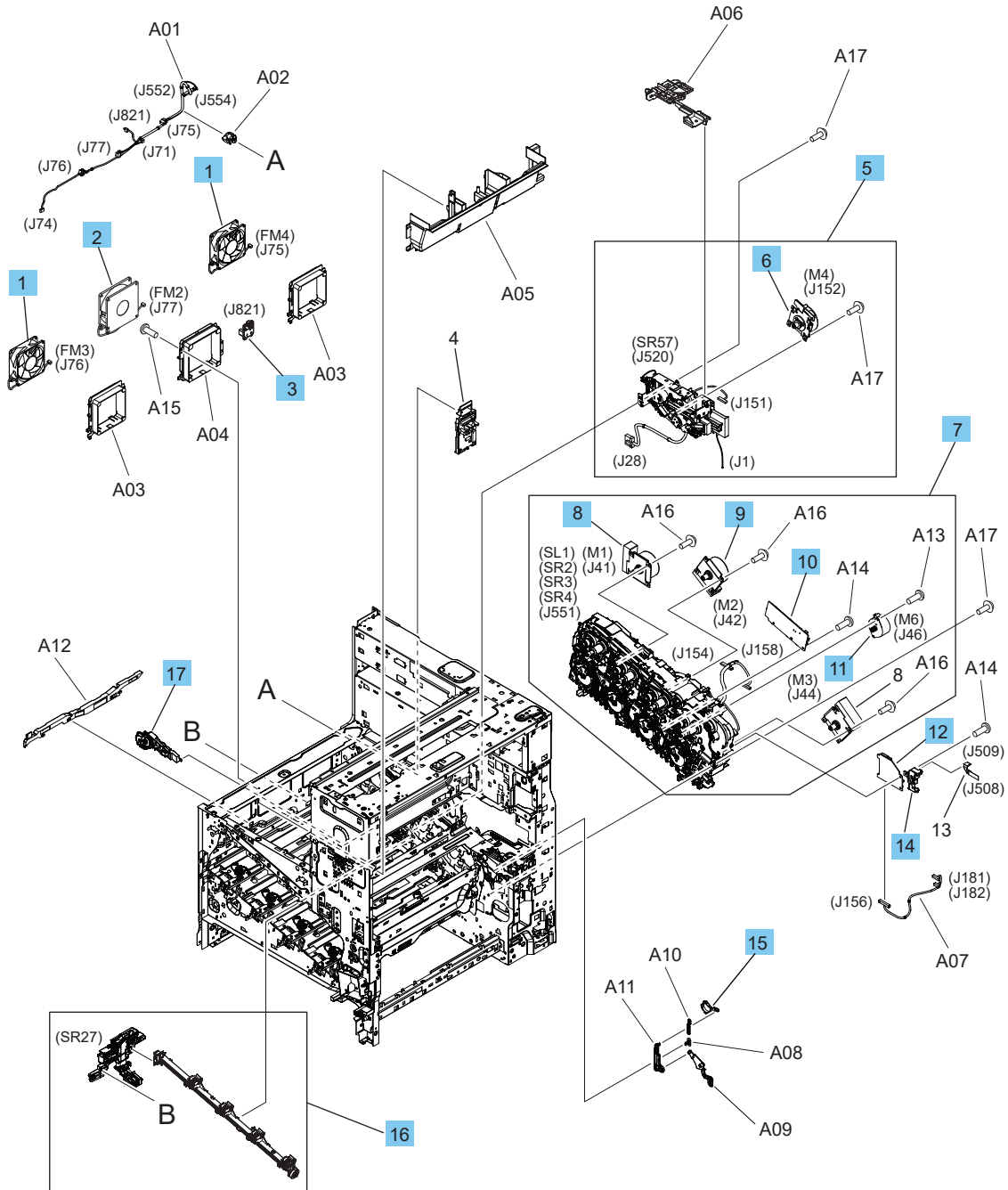
**Table 2-31** Printer internal assemblies (M776zs; 4 of 9)

Ref	Part number	Description	Qty
1	RM3-7351-000CN	Memory PCB assembly	1
2	RM2-2476-000CN	Formatter case assembly	1
3	RM2-9601-000CN	Upper high voltage power supply PCB assembly	1
4	RM2-9624-000CN	Lower high voltage power supply PCB assembly	1
7	RM2-9931-000CN	DC controller PCB assembly	1
9	RM2-9623-000CN	Second transfer H.V.T. PCB assembly	1
Not shown	5851-7913	Formatter PCA (M776) (sPAB - SFP)	1
Not shown	5851-7914	Formatter PCA (M776) (sPAB - SFP; India/China)	1
Not shown	0960-3659	Wireless PCA board	1

## Parts and diagrams: Printer internal assemblies (M776zs; 5 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-25 Printer internal assemblies (M776zs; 5 of 9)



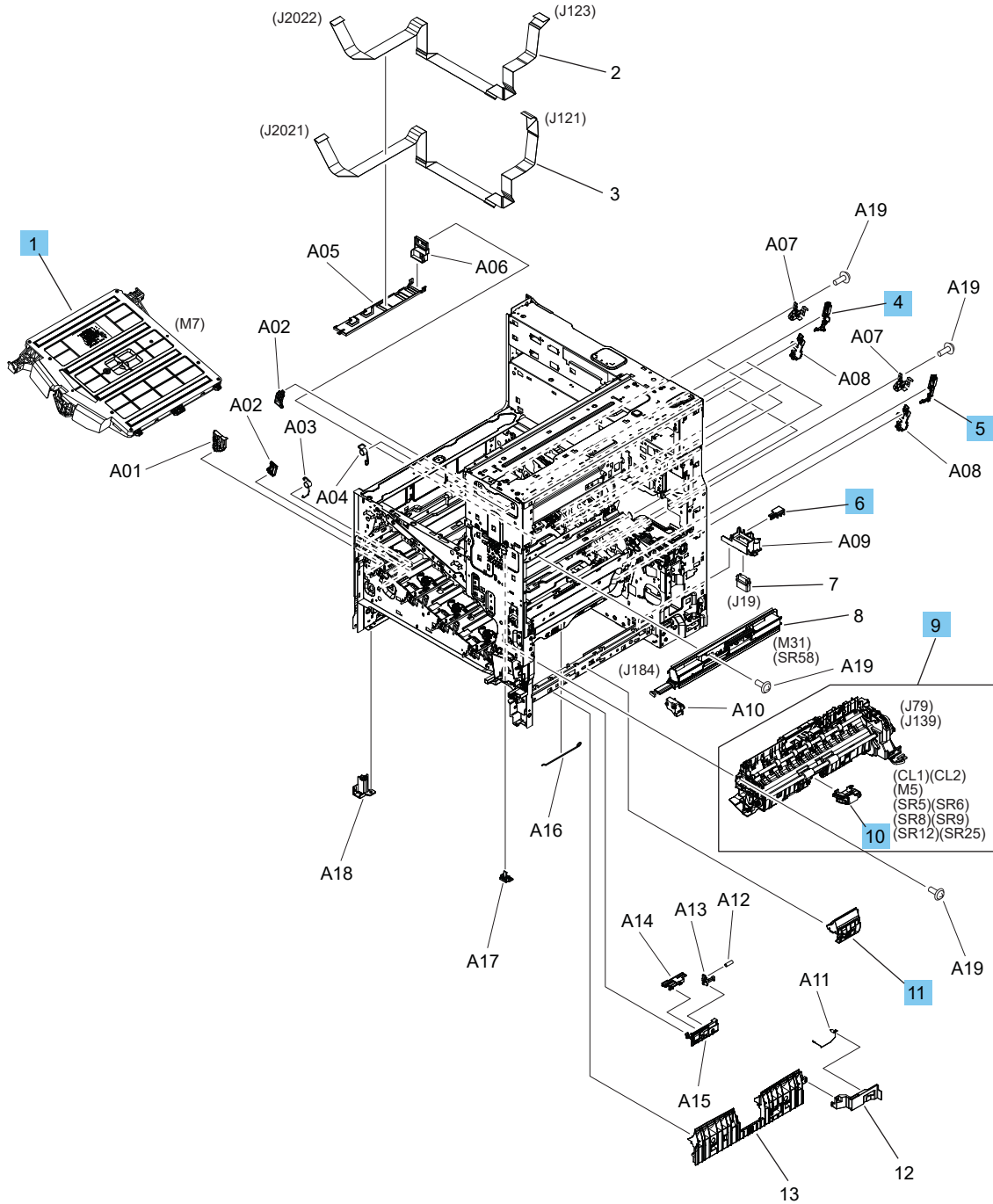
**Table 2-32 Printer internal assemblies (M776zs; 5 of 9)**

Ref	Part number	Description	Qty
1	RK2-2276-000CN	Fan	2
2	RK2-9148-000CN	Fan	1
3	RM2-9620-000CN	Environment sensor PCB assembly	1
5	RM2-1391-000CN	Fuser drive assembly	1
6	RM2-1456-000CN	Fuser motor assembly	1
7	RM2-1614-000CN	Main drive assembly	1
8	RM2-1612-000CN	Main motor assembly	2
9	RM2-1613-000CN	Main motor assembly	1
10	RM2-9618-000CN	Main connecting PCB assembly	1
11	RK2-6027-000CN	Motor, stepping	1
12	RM2-9622-000CN	Connecting PCB assembly	1
14	RC5-1656-000CN	Guide, PCB cable	1
15	RC5-1055-000CN	Cam, coupling estrangement	1
16	RM2-1520-000CN	Waste toner auger service kit	1
17	RM2-1364-000CN	Waste toner gear base assembly	1

## Parts and diagrams: Printer internal assemblies (M776zs; 6 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-26 Printer internal assemblies (M776zs; 6 of 9)





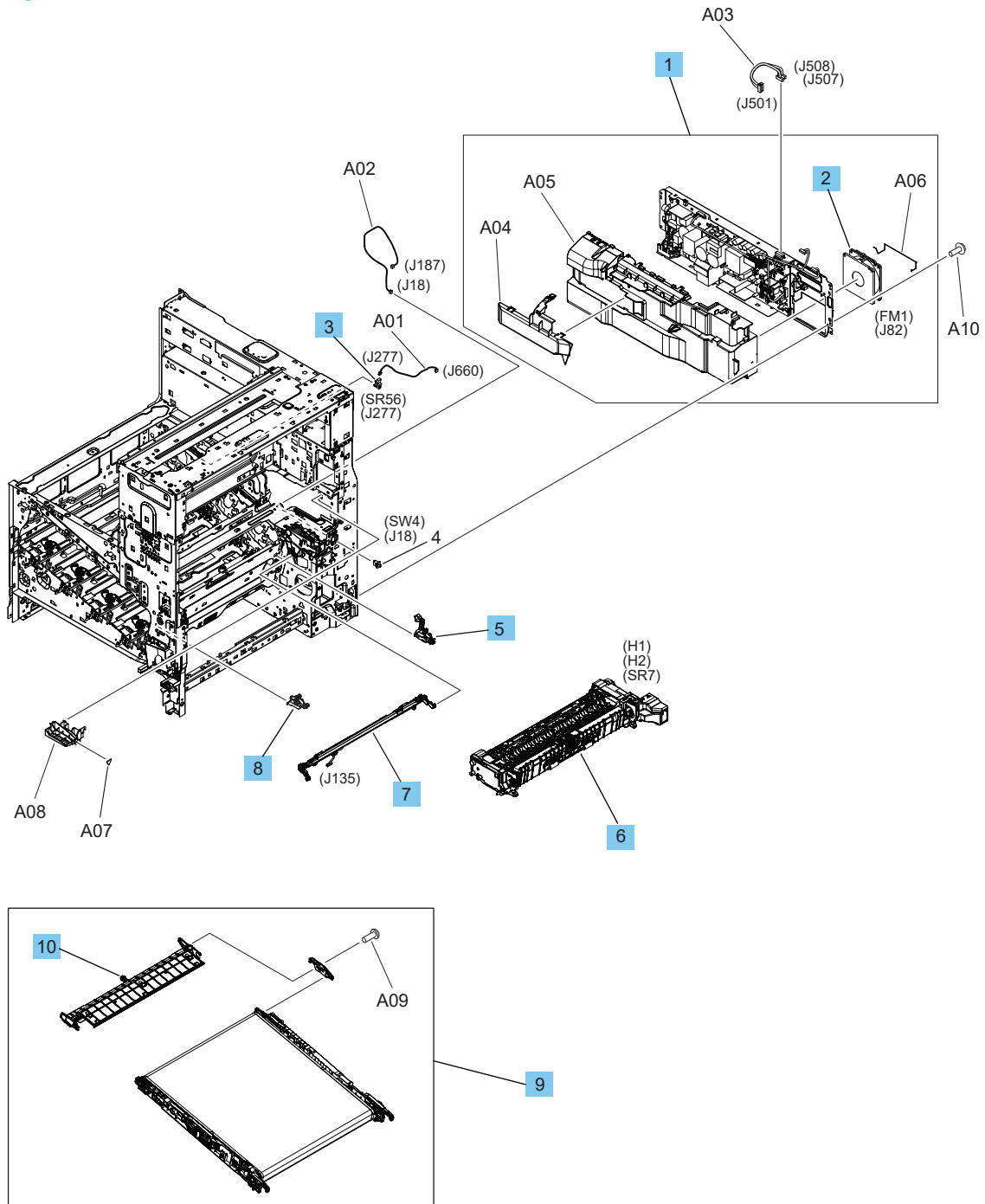
**Table 2-33** Printer internal assemblies (M776zs; 6 of 9)

Ref	Part number	Description	Qty
1	RM2-1328-020CN	Laser scanner assembly	1
4	RM2-1366-000CN	Waste toner feed link assembly	3
5	RM2-1367-000CN	Waste toner feed link assembly	1
6	RC5-1681-000CN	Spacer, drawer holder	1
9	RM2-3908-000CN	Paper pickup assembly	1
10	RM2-1526-000CN	Paper pickup roller assembly	1
11	RM2-1526-000CN	Separation roller holder assembly	1

## Parts and diagrams: Printer internal assemblies (M776zs; 7 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-27 Printer internal assemblies (M776zs; 7 of 9)



**Table 2-34** Printer internal assemblies (M776zs; 7 of 9)

Ref	Part number	Description	Qty
1	RM2-2473-000CN	Low voltage power supply assembly	1
1	RM2-2474-000CN	Low voltage power supply assembly	1
2	RK2-9148-000CN	Fan	1
3	WG8-5935-000CN	IC, photointerrupter	1
5	RM2-1390-000CN	RD pressure link assembly, rear	1
6	4YL16-67901	Fuser kit (110V)	1
6	4YL17-67901	Fuser kit (220V)	1
7	RM2-1501-000CN	Registration density sensor assembly	1
8	RM2-1389-000CN	RD pressure link assembly, front	1
9	RM2-1504-000CN	Intermediate transfer belt assembly	1
10	RM2-1490-000CN	Transfer cleaner assembly	1

## Parts and diagrams: Printer internal assemblies (M776zs; 8 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-28 Printer internal assemblies (M776zs; 8 of 9)

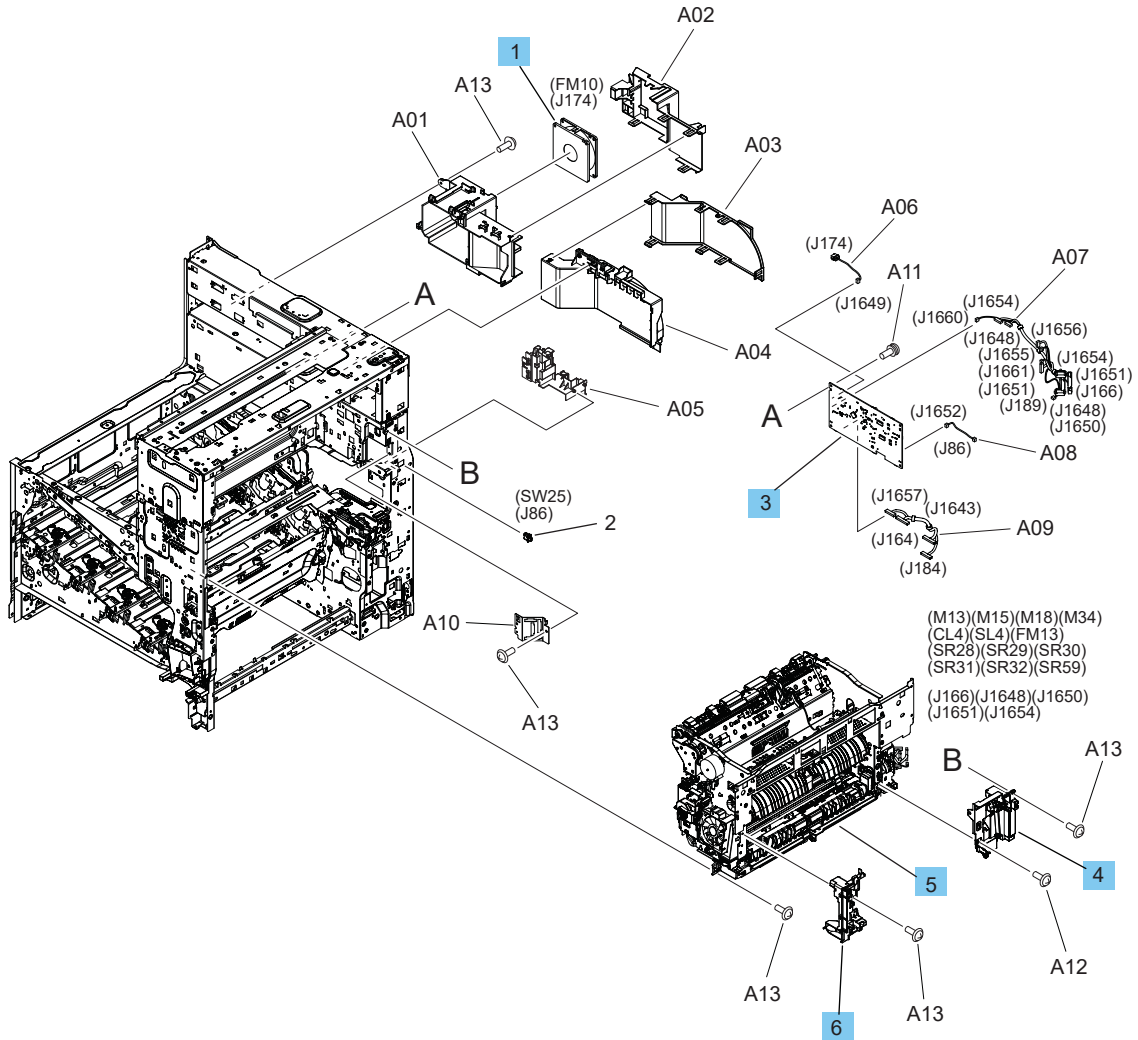


Table 2-35 Printer internal assemblies (M776zs; 8 of 9)

Ref	Part number	Description	Qty
1	RK2-9148-000CN	Fan	1
3	RM3-7380-000CN	Duplexing controller PCB assembly	1
4	RM2-1763-000CN	Toggle rear assembly	1
5	RM2-1786-000CN	Paper delivery assembly	1
6	RM2-1764-000CN	Toggle front assembly	1

## Parts and diagrams: Printer internal assemblies (M776zs; 9 of 9)

Parts diagram and parts list for the internal printer assemblies.

Figure 2-29 Printer internal assemblies (M776zs; 9 of 9)

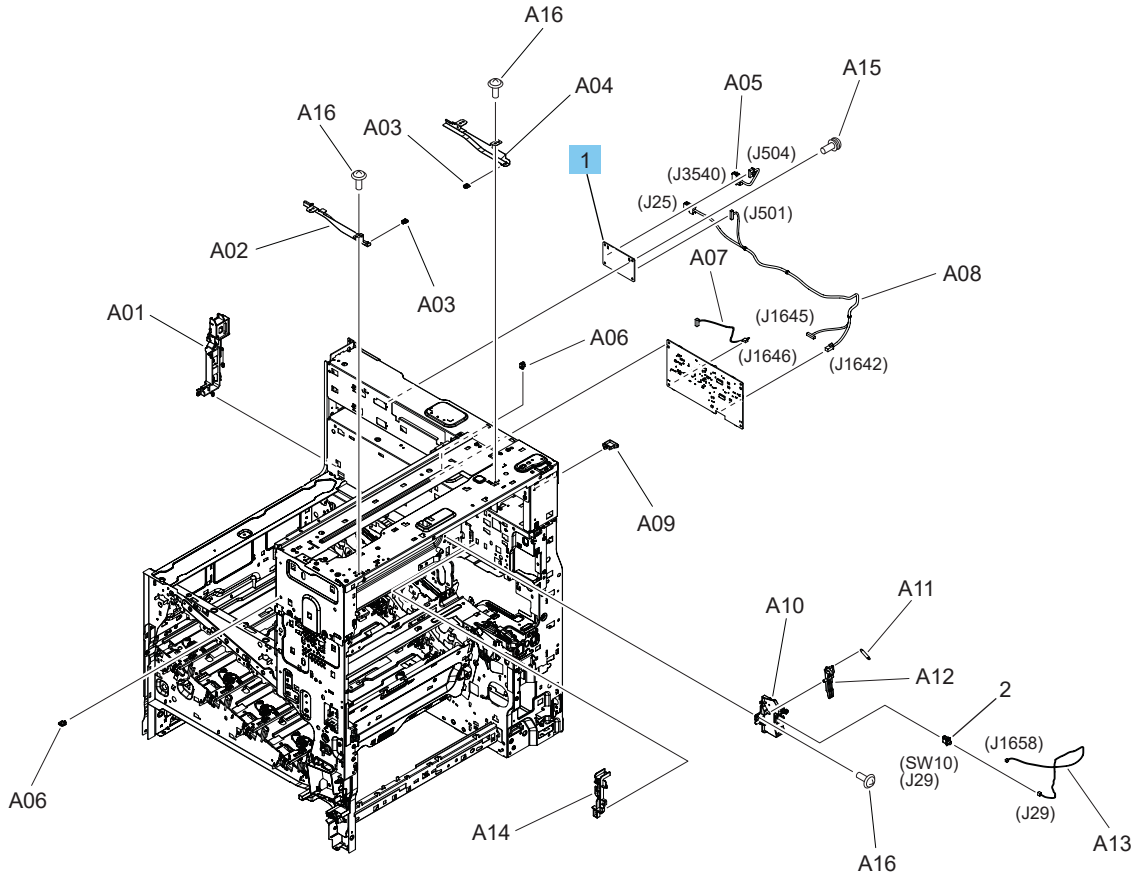


Table 2-36 Printer internal assemblies (M776zs; 9 of 9)

Ref	Part number	Description	Qty
1	RM3-7341-000CN	Communication PCB Assembly	1

## Parts and diagrams: Inner finisher components

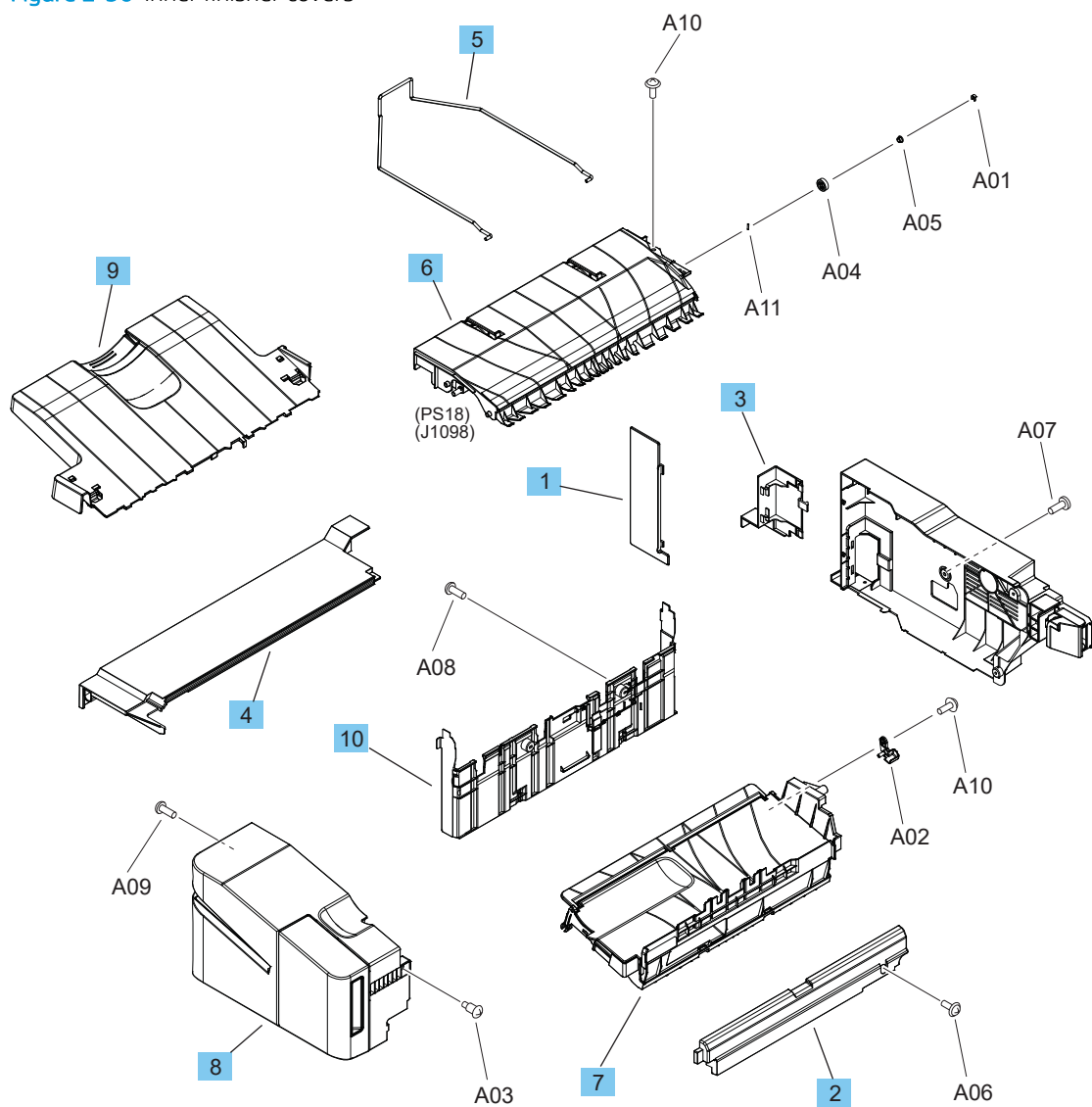
View parts diagrams and parts lists for the inner finisher components.

- [Parts and diagrams: Printer covers \(Inner finisher\)](#)
- [Parts and diagrams: Printer internal assemblies \(inner finisher; 1 of 3\)](#)
- [Parts and diagrams: Printer internal assemblies \(inner finisher; 2 of 3\)](#)
- [Parts and diagrams: Printer internal assemblies \(inner finisher; 3 of 3\)](#)

## Parts and diagrams: Printer covers (Inner finisher)

Parts diagram and parts list for the inner finisher.

Figure 2-30 Inner finisher covers





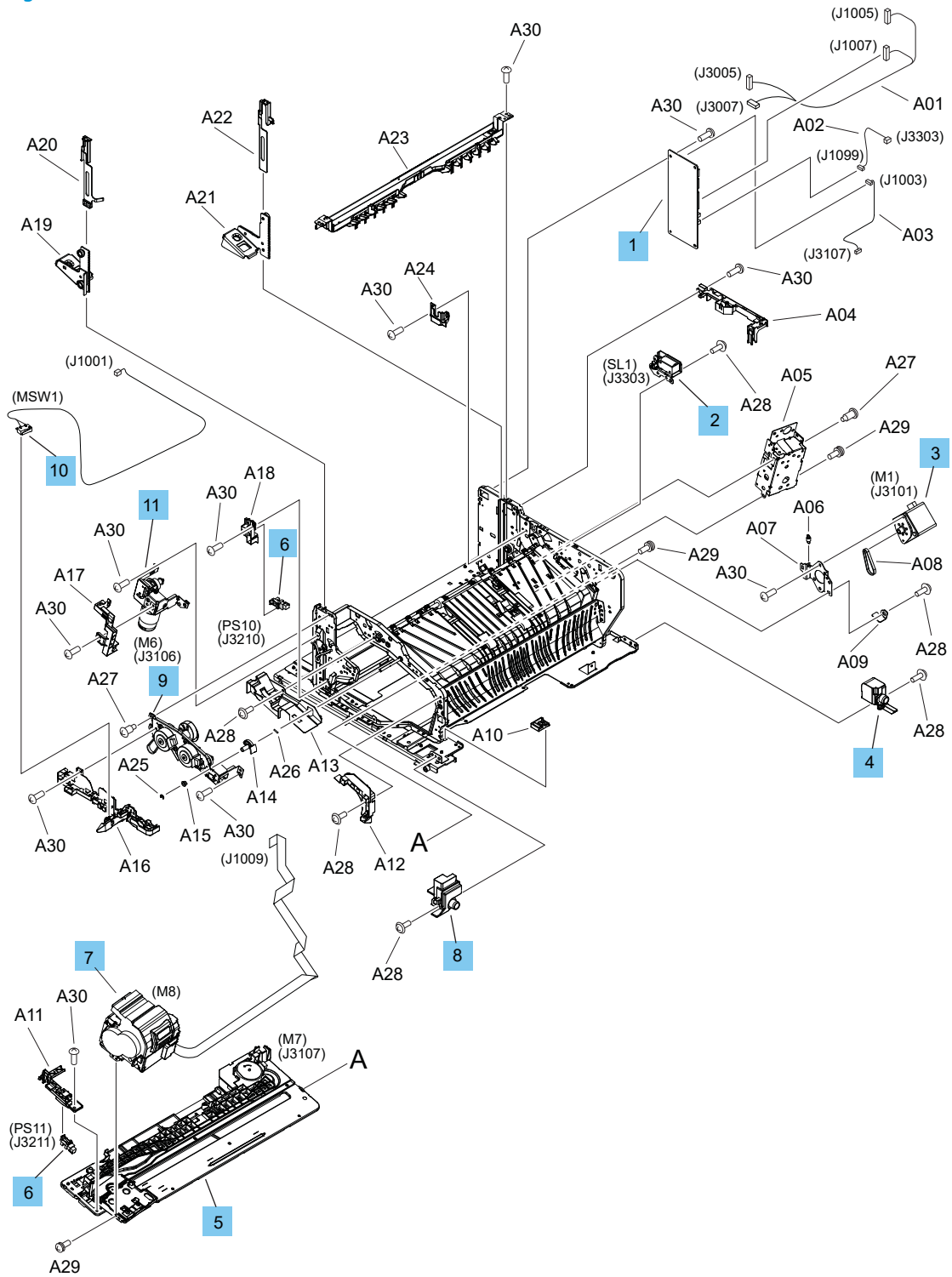
**Table 2-37 Inner finisher covers**

Ref	Part number	Description	Qty
All	T3U55-67901	Complete inner finisher	1
1	RC5-4834-000CN	Cover, rear, small	1
2	RC5-4840-000CN	Cover, latch	1
3	RC5-4842-000CN	Cap, cover, rear	1
4	RC5-4887-000CN	Cover, rail	1
5	RC5-4905-000CN	Tray, wire sub	1
6	RM2-2432-000CN	Paper feed guide assembly, upper	1
7	RM2-2434-000CN	Entrance guide assembly, upper	1
8	RM2-2438-000CN	Front cover assembly	1
9	RM2-2450-000CN	Stack tray assembly	1
10	RM2-2452-000CN	Height wall assembly	1

## Parts and diagrams: Printer internal assemblies (inner finisher; 1 of 3)

Parts diagram and parts list for the inner finisher.

Figure 2-31 Inner finisher internal assemblies (1 of 3)



**Table 2-38 Inner finisher internal assemblies (1 of 3)**

Ref	Part number	Description	Qty
All	T3U55-67901	Complete inner finisher	1
1	RM3-7323-000CN	Staple stacker PCB assembly	1
2	FM1-F201-000CN	Estrangement solenoid assembly	1
3	FK4-2060-000CN	Motor stepping	1
4	RM2-2526-000CN	Push assembly, rear	1
5	FM1-D645-000CN	Staple mount assembly	1
6	WG8-5783-000CN	IC, photo-interrupter, LG248NL1A	2
7	RM2-2453-000CN	Staple assembly	1
8	RM2-2460-000CN	Push assembly, front	1
9	FM1-C426-000CN	Paddle drive assembly	1
10	FM1-E959-000CN	Cable, interlock	1
11	FM1-C439-000CN	Height tray motor assembly	1

## Parts and diagrams: Printer internal assemblies (inner finisher; 2 of 3)

Parts diagram and parts list for the inner finisher.

Figure 2-32 Inner finisher internal assemblies (2 of 3)

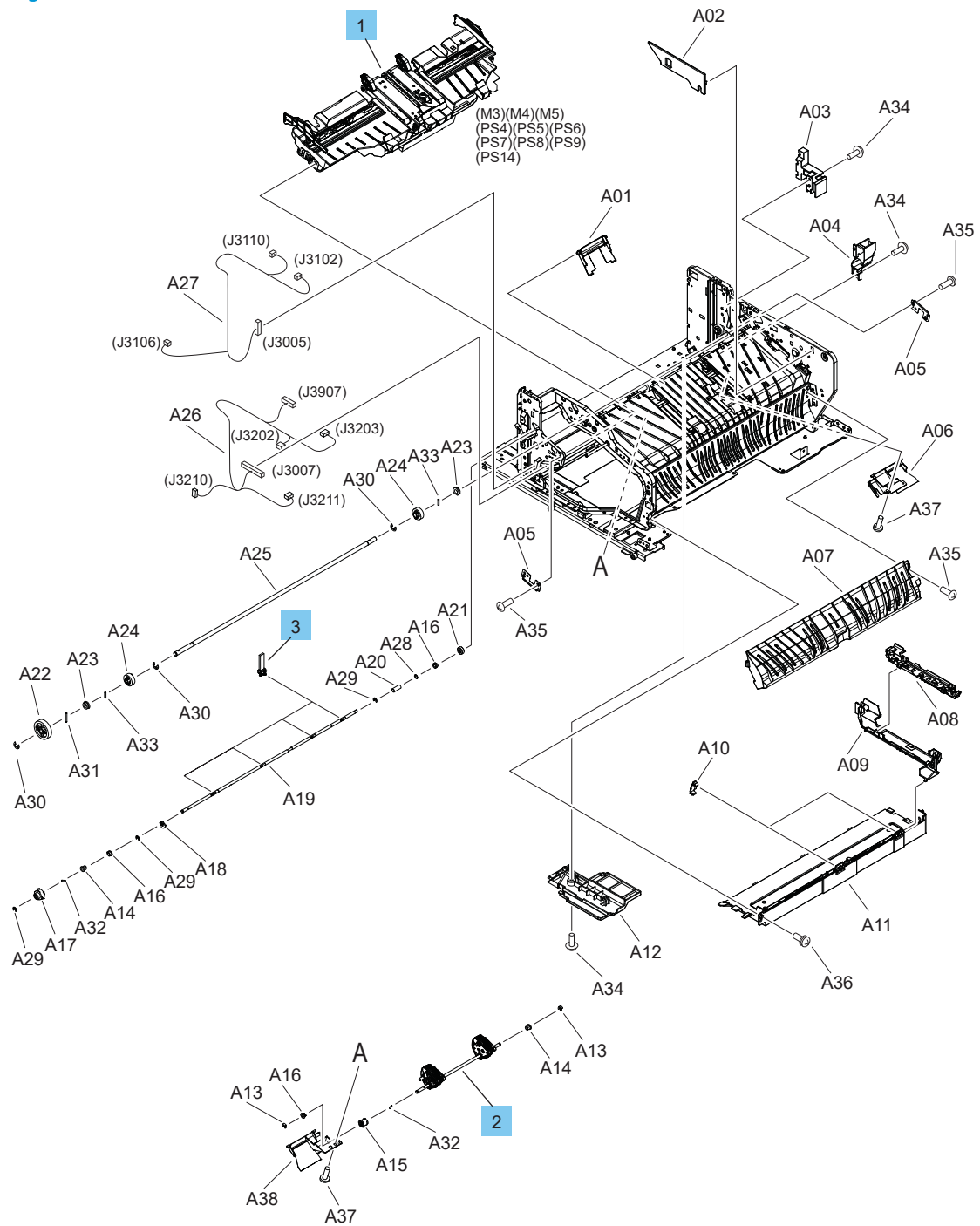


Table 2-39 Inner finisher internal assemblies (2 of 3)

Ref	Part number	Description	Qty
All	T3U55-67901	Complete inner finisher	1
1	RM2-2458-000CN	Processing tray assembly	1
2	FM1-H670-000CN	Return belt unit	1
3	FM1-C422-000CN	Paddle unit	4

## Parts and diagrams: Printer internal assemblies (inner finisher; 3 of 3)

Parts diagram and parts list for the inner finisher.

**Figure 2-33** Inner finisher internal assemblies (3 of 3)

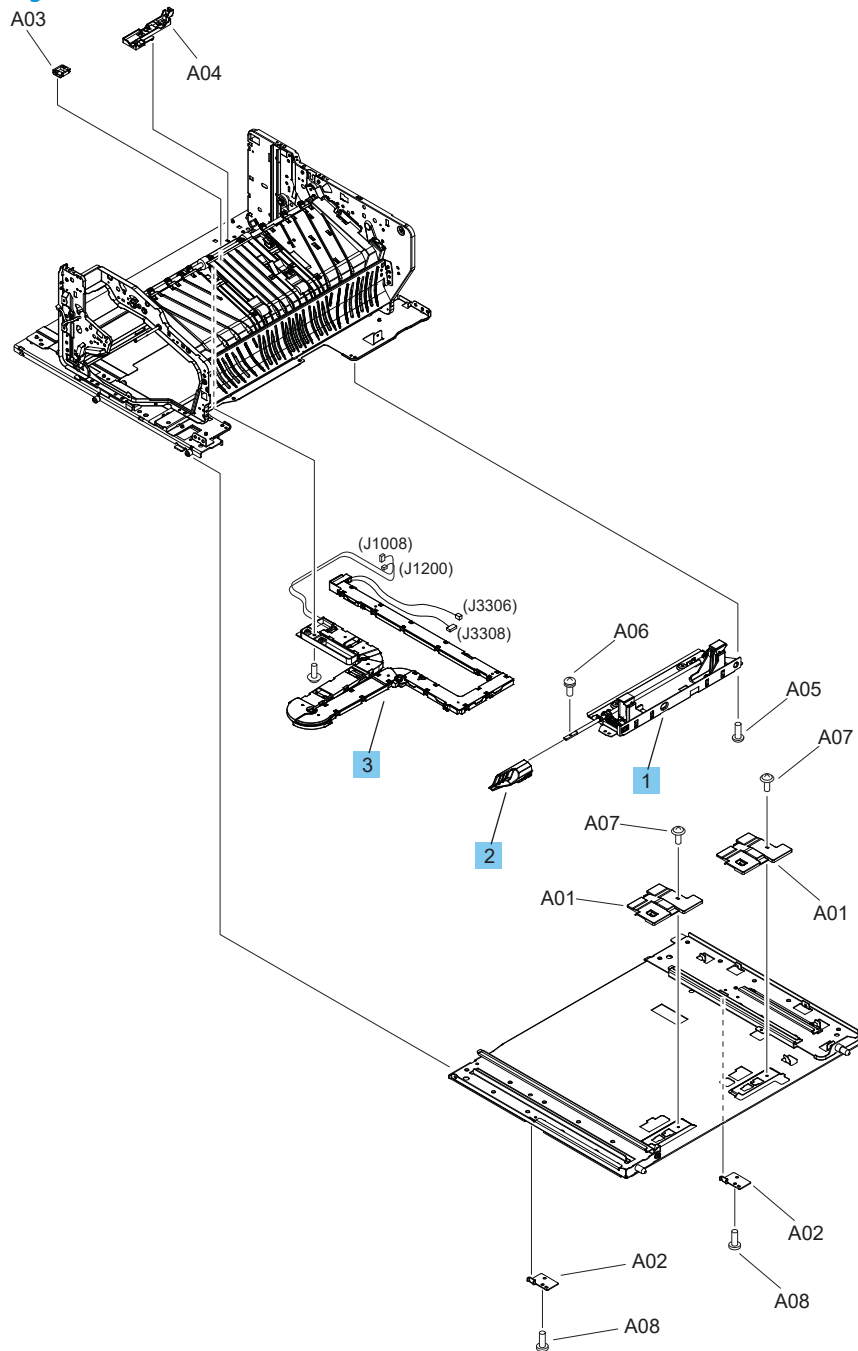


Table 2-40 Inner finisher internal assemblies (3 of 3)

Ref	Part number	Description	Qty
All	T3U55-67901	Complete inner finisher	1
1	RM2-2442-000CN	Latch assembly	1
2	RC5-4839-000CN	Handle, release	1
3	RM2-2444-000CN	Cable duct assembly	1

# Parts and diagrams: 550-sheet tray components

View parts diagrams and parts lists for the 550-sheet tray components.

- [Parts and diagrams: 550-sheet tray covers](#)
- [Parts and diagrams: 550-sheet paper tray internal assemblies](#)

## Parts and diagrams: 550-sheet tray covers

Parts diagram and parts list for the 550-sheet tray covers.

Figure 2-34 550-sheet tray covers

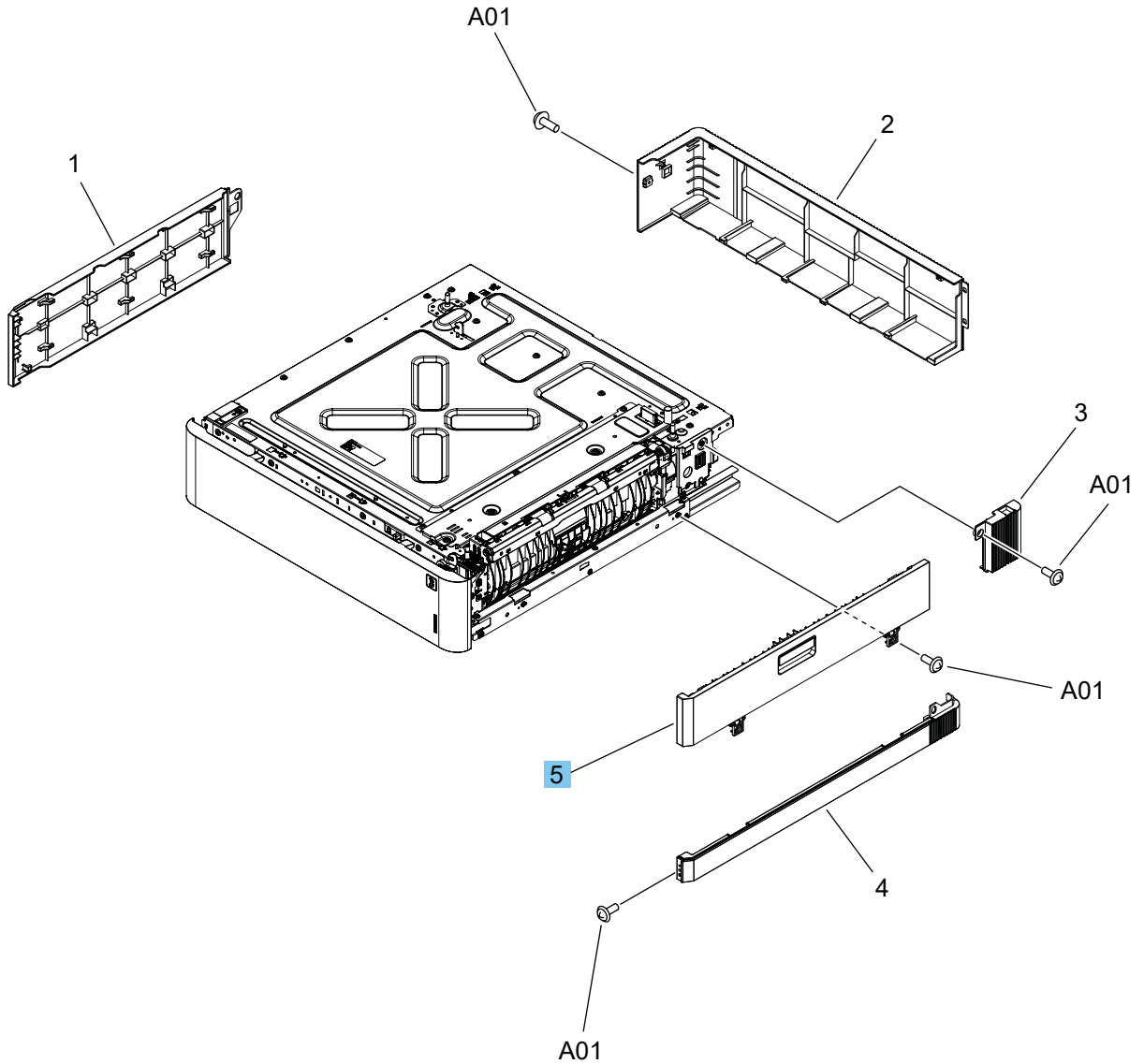




Table 2-41 550-sheet tray covers

Ref	Part number	Description	Qty
5	RM2-1716-000CN	Right door assembly	1

# Parts and diagrams: 550-sheet paper tray internal assemblies

Parts diagram and parts list for the 550-sheet paper tray internal assemblies.

Figure 2-35 550-sheet paper tray internal assemblies

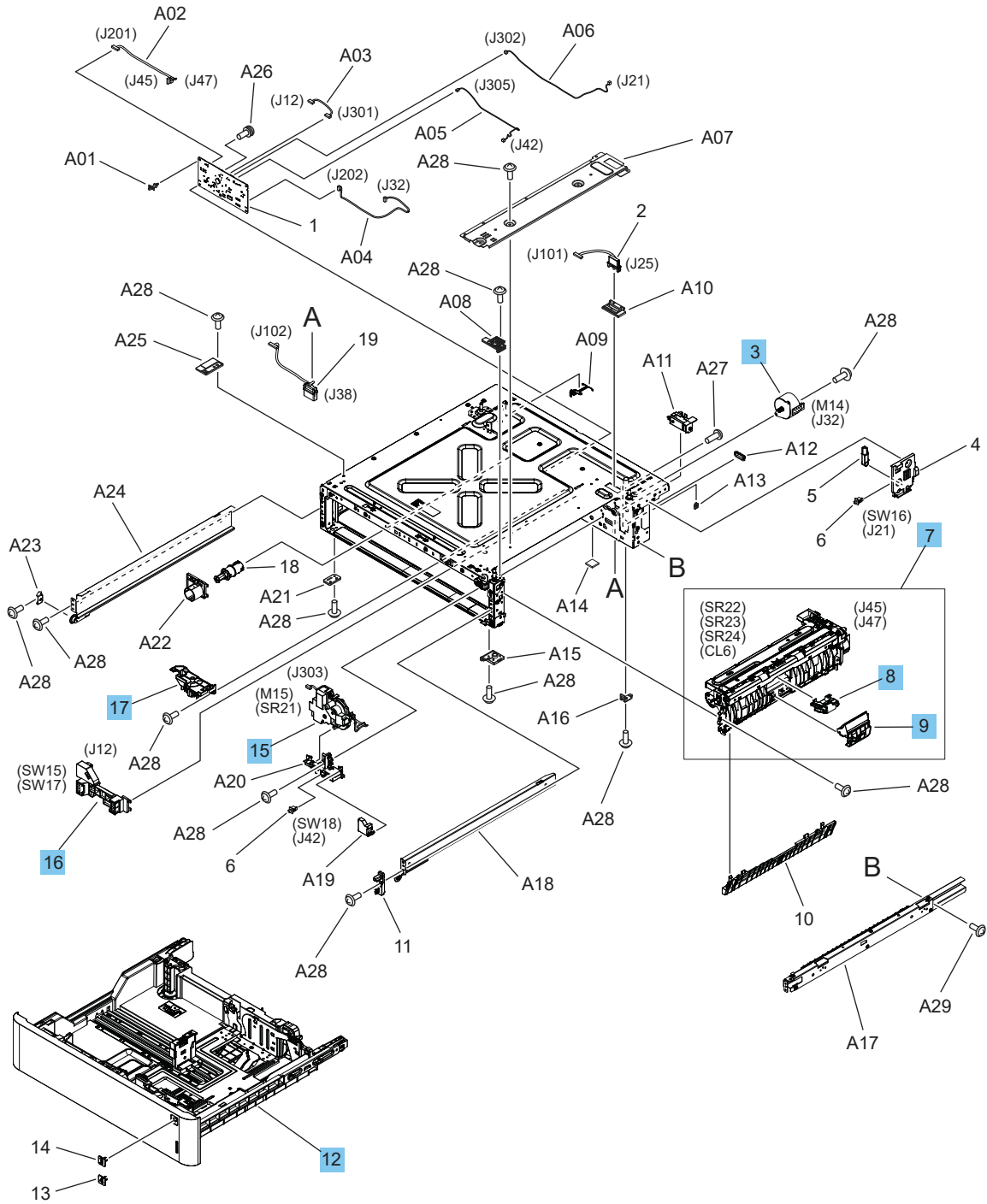


Table 2-42 550-sheet paper tray internal assemblies

Ref	Part number	Description	Qty
3	RK2-9410-000CN	Motor, stepping, DC	1
7	RM2-1717-000CN	Paper pickup assembly	1
8	RM2-1526-000CN	Paper pickup roller assembly	1
9	RM2-1526-000CN	Separation roller holder assembly	1
12	RM2-1706-000CN	Cassette assembly	1
15	RM2-1703-000CN	Lifter drive assembly	1
16	RM2-1711-000CN	Size detect switch assembly	1
17	RM2-1760-000CN	Auto-close assembly	1

# Parts and diagrams: 2x550-sheet tray components

View parts diagrams and parts lists for the 2x550-sheet tray components.

- [Parts and diagrams: 2x550-sheet tray covers](#)
- [Parts and diagrams: 2x550-sheet paper tray internal assemblies \(1 of 2\)](#)
- [Parts and diagrams: 2x550-sheet paper tray internal assemblies \(2 of 2\)](#)

## Parts and diagrams: 2x550-sheet tray covers

Parts diagram and parts list for the 2x550-sheet tray covers.

Figure 2-36 2x550-sheet tray covers

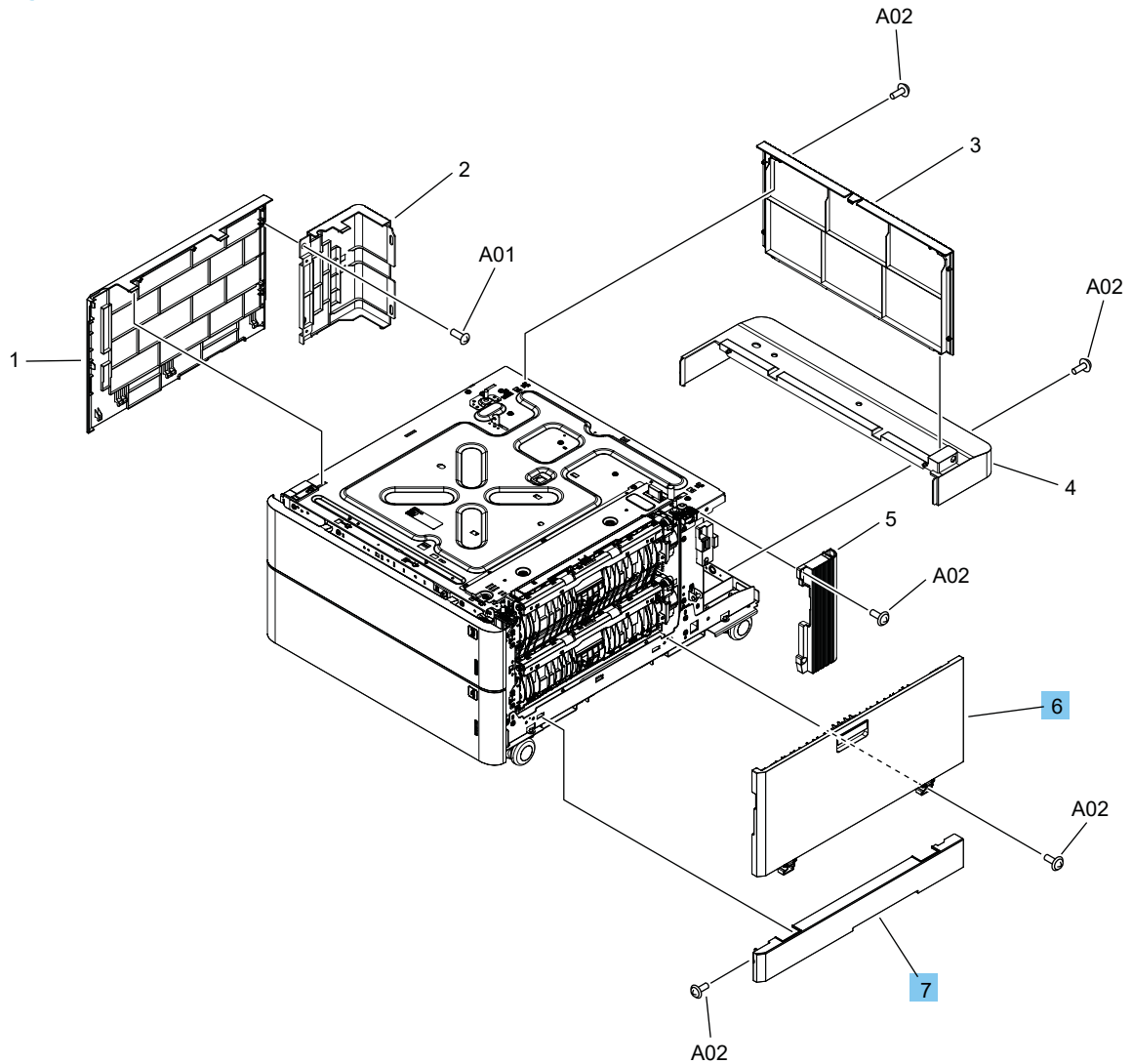


Table 2-43 2x550-sheet tray covers

Ref	Part number	Description	Qty
6	RM2-1729-000CN	Right door assembly	1
7	RC5-2064-000CN	Cover, right, lower	1

## Parts and diagrams: 2x550-sheet paper tray internal assemblies (1 of 2)

Parts diagram and parts list for the 2x550-sheet paper tray internal assemblies.

Figure 2-37 2x550-sheet paper tray internal assemblies (1 of 2)

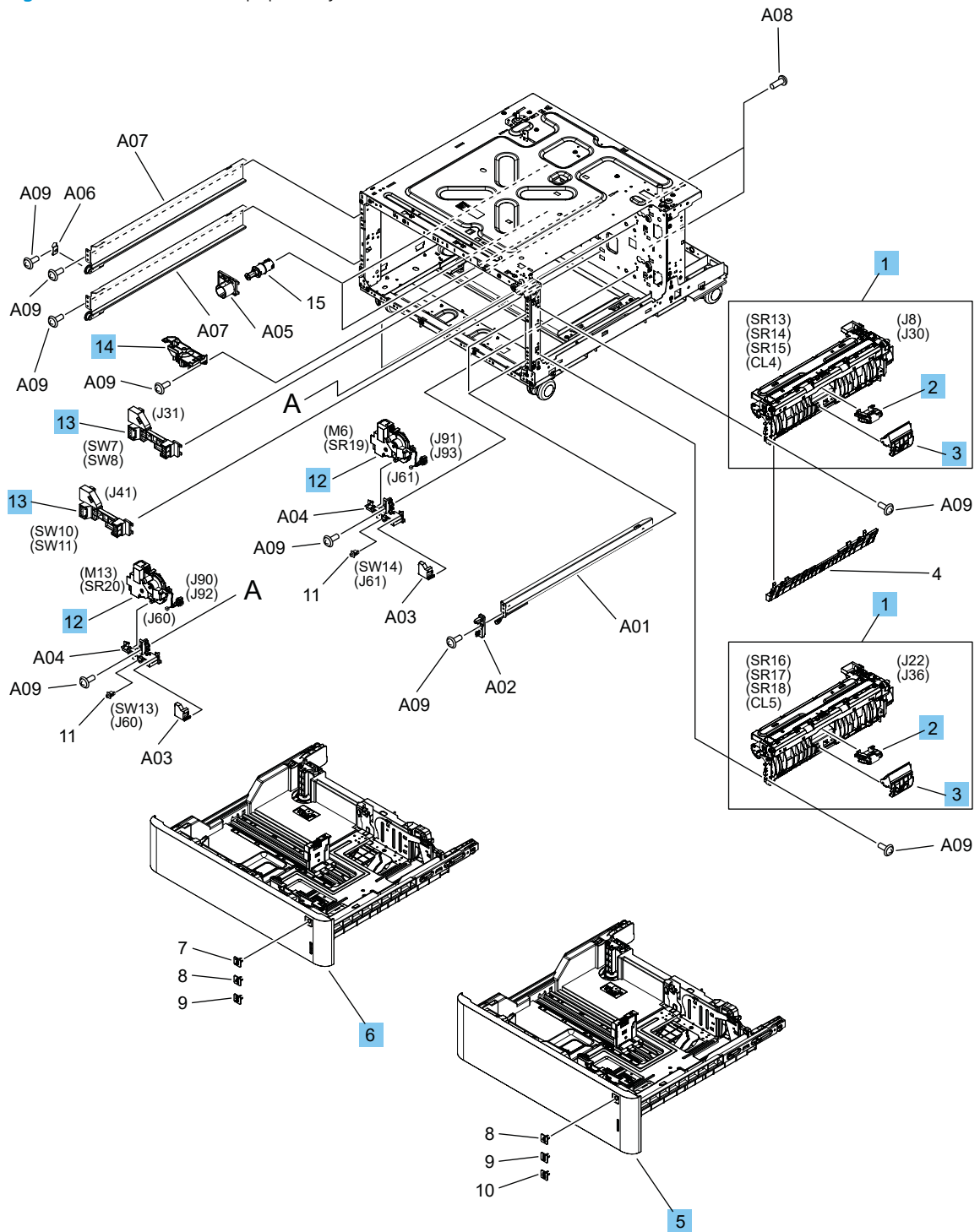


Table 2-44 2x550-sheet paper tray internal assemblies (1 of 2)

Ref	Part number	Description	Qty
1	RM2-1717-000CN	Paper pickup assembly	2
2	RM2-1526-000CN	Paper pickup roller assembly	2
3	RM2-1526-000CN	Separation roller holder assembly	2
5	RM2-1720-000CN	Cassette assembly	1
6	RM2-1706-000CN	Cassette assembly	1
12	RM2-1704-000CN	Lifter drive assembly	2
13	RM2-1711-000CN	Size detect switch assembly	2
14	RM2-1760-000CN	Auto-close assembly	2

## Parts and diagrams: 2x550-sheet paper tray internal assemblies (2 of 2)

Parts diagram and parts list for the 2x550-sheet paper tray internal assemblies.

Figure 2-38 2x550-sheet paper tray internal assemblies (2 of 2)

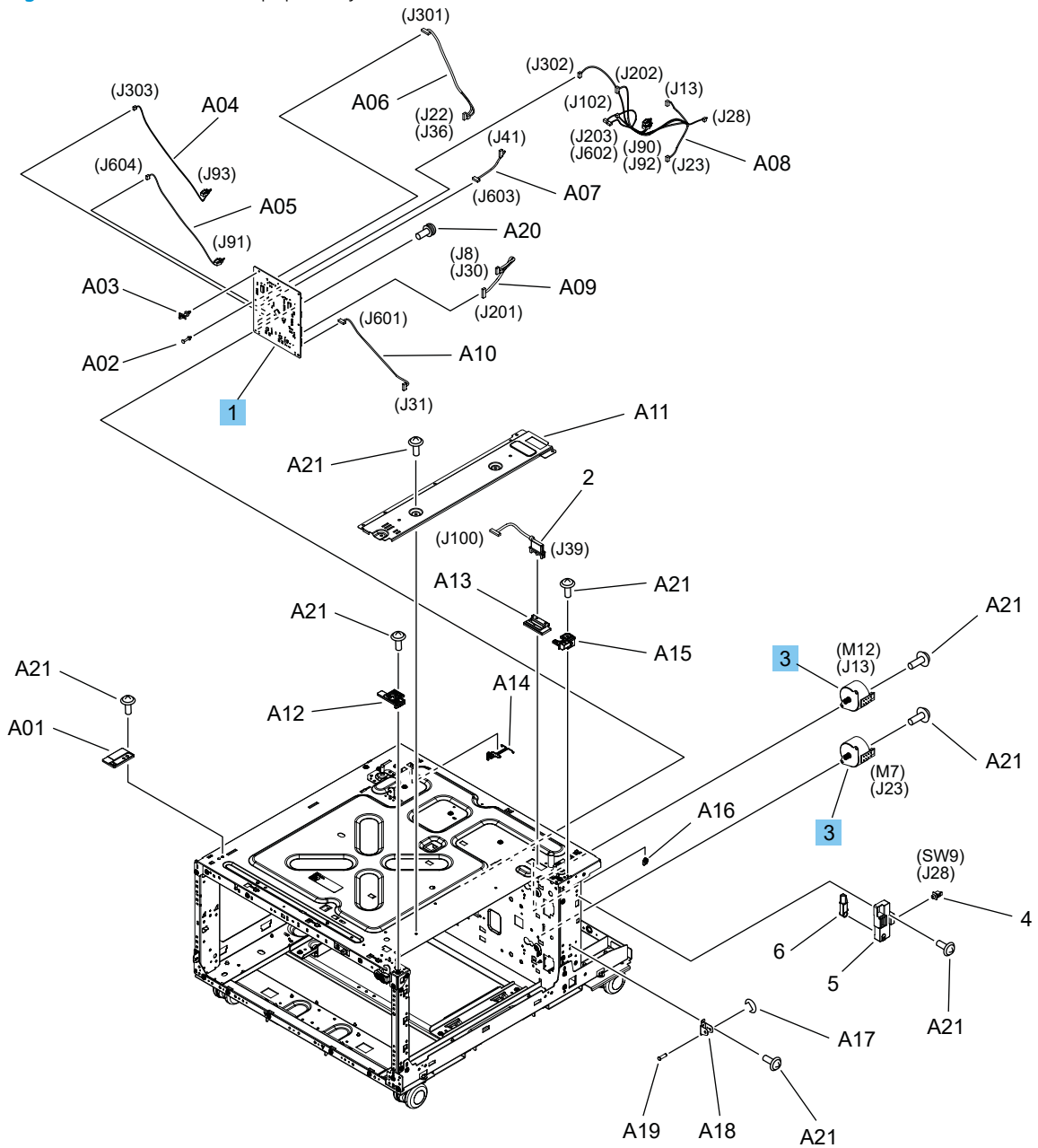




Table 2-45 2x550-sheet paper tray internal assemblies (2 of 2)

Ref	Part number	Description	Qty
1	RM2-9885-000CN	Paper deck controller PCB assembly	1
3	RK2-9410-000CN	Motor, stepping, DC	2

# Parts and diagrams: High-capacity input (HCI) tray components

View parts diagrams and parts lists for the HCI tray components.

- [Parts and diagrams: High-capacity input \(HCI\) tray covers](#)
- [Parts and diagrams: High-capacity input \(HCI\) tray internal assemblies \(1 of 2\)](#)
- [Parts and diagrams: High-capacity input \(HCI\) tray internal assemblies \(2 of 2\)](#)

## Parts and diagrams: High-capacity input (HCI) tray covers

Parts diagram and parts list for the HCI tray covers.

Figure 2-39 HCI tray covers

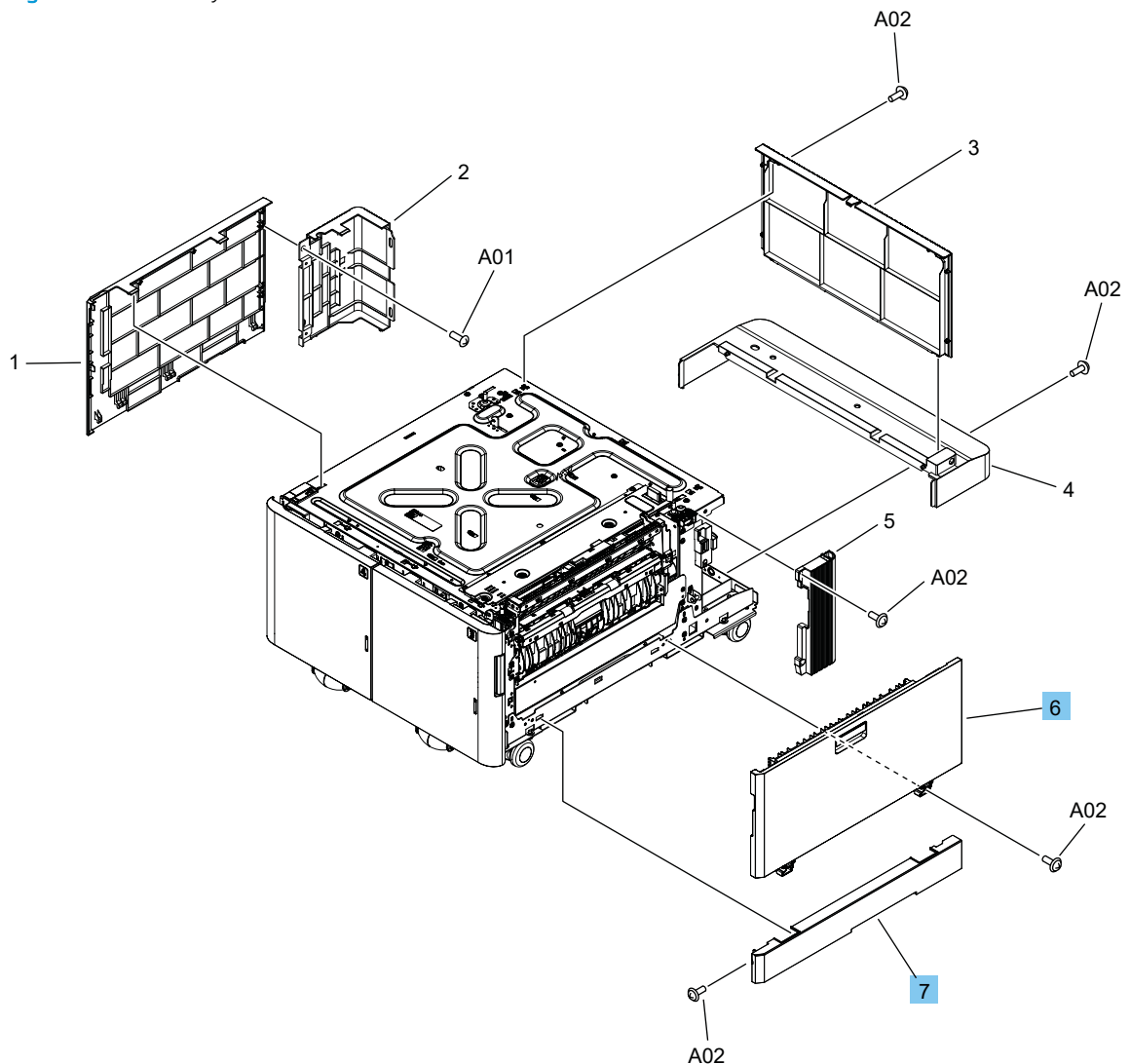


Table 2-46 HCl tray covers

Ref	Part number	Description	Qty
6	RM2-1740-000CN	Right door assembly	1
7	RC5-2064-000CN	Cover, right, lower	1

## Parts and diagrams: High-capacity input (HCI) tray internal assemblies (1 of 2)

Parts diagram and parts list for the HCI tray internal assemblies.

Figure 2-40 HCI tray internal assemblies (1 of 2)

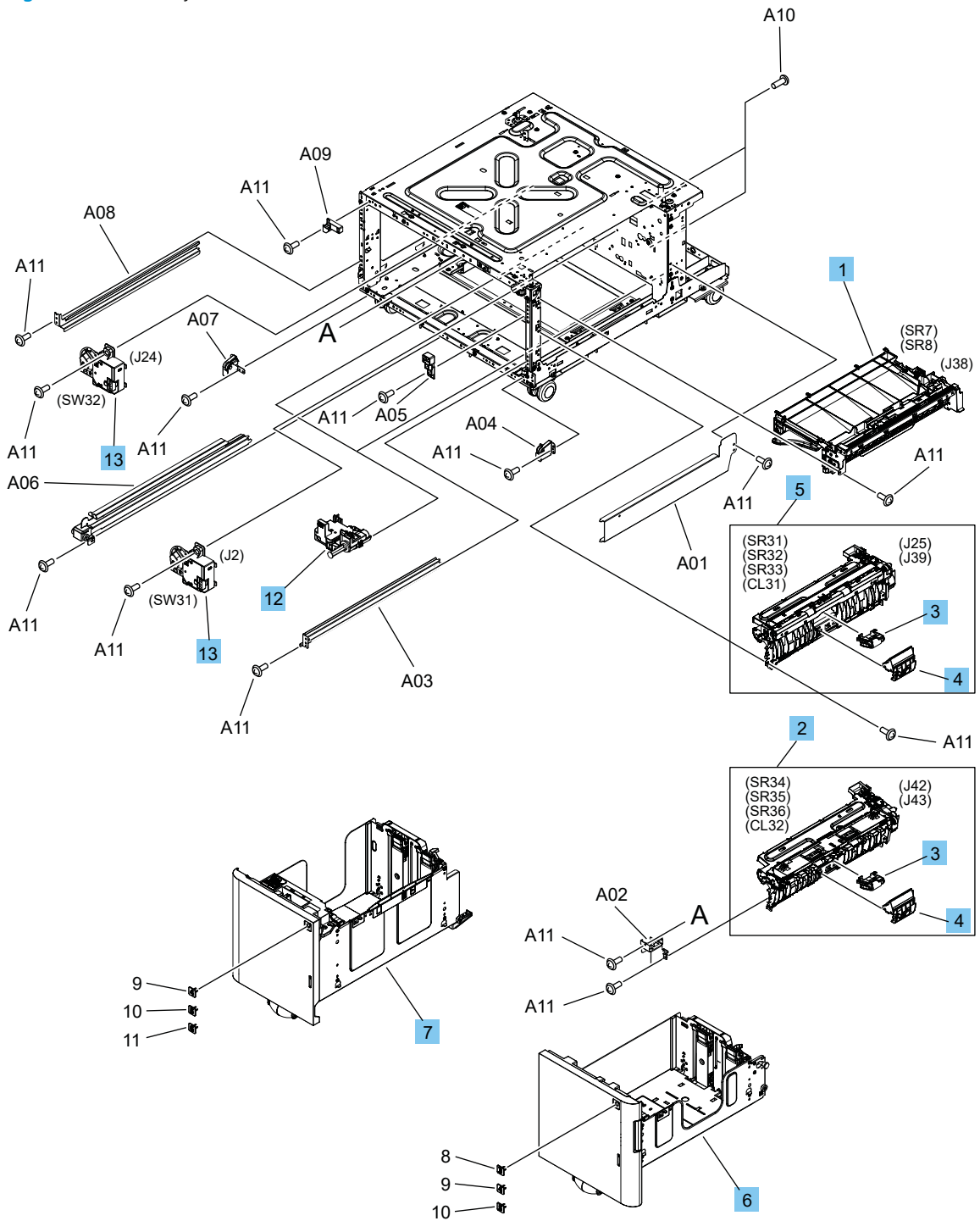


Table 2-47 HCI tray internal assemblies (1 of 2)

Ref	Part number	Description	Qty
1	RM2-1730-000CN	Paper feed assembly	1
2	RM2-1741-000CN	Paper pickup assembly	1
3	RM2-1526-000CN	Paper pickup roller assembly	2
4	RM2-1526-000CN	Separation roller holder assembly	2
5	RM2-1717-000CN	Paper pickup assembly	1
6	RM2-1748-000CN	Right tray assembly	1
7	RM2-1743-000CN	Left tray assembly	1
12	RM2-1734-000CN	Auto-close assembly	2
13	RM2-1736-000CN	Lifter drive assembly	2

## Parts and diagrams: High-capacity input (HCI) tray internal assemblies (2 of 2)

Parts diagram and parts list for the HCI tray internal assemblies.

Figure 2-41 HCI tray internal assemblies (2 of 2)

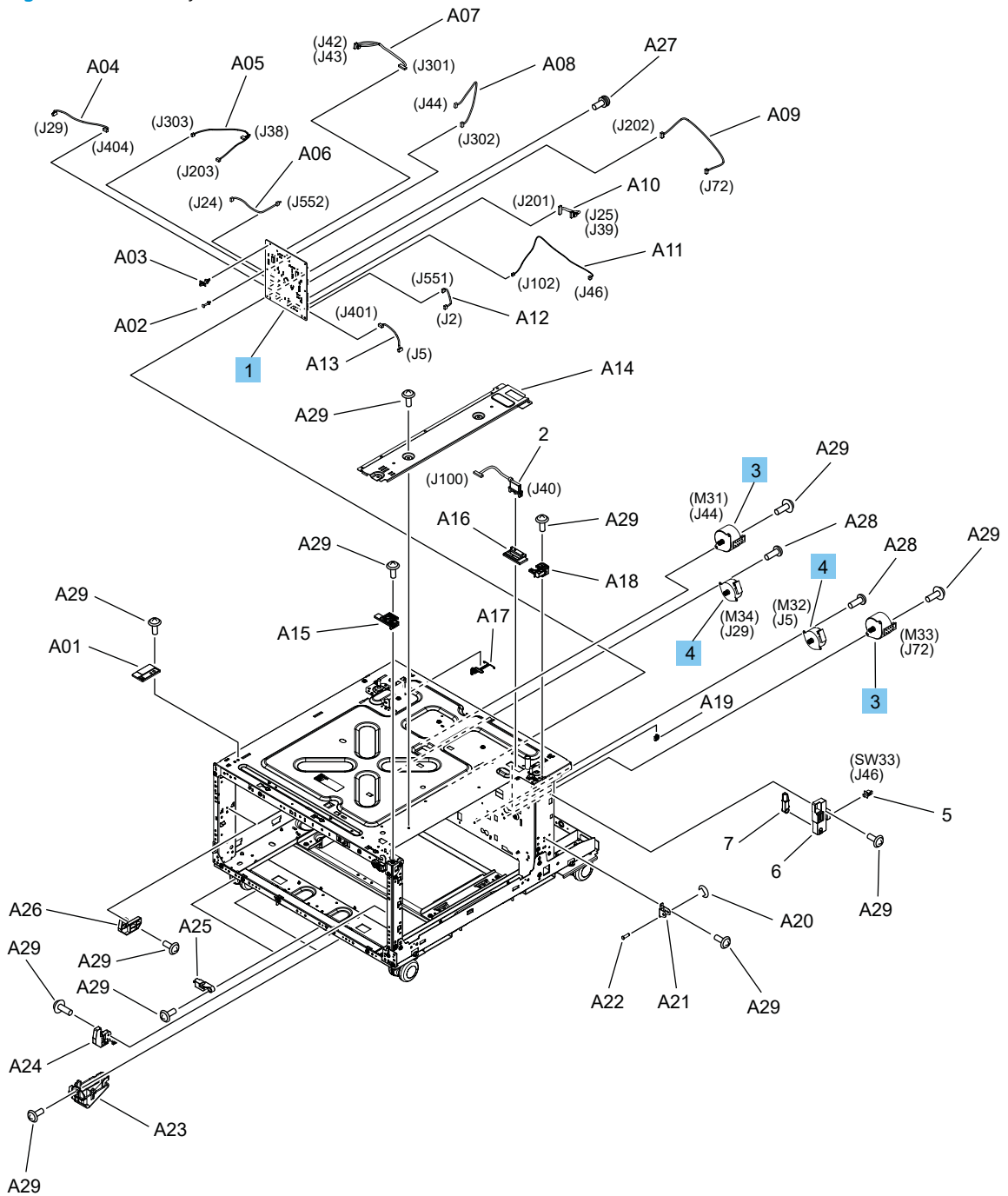


Table 2-48 HCI tray internal assemblies (2 of 2)

Ref	Part number	Description	Qty
1	RM2-9887-000CN	Paper deck controller PCB assembly	1
3	RK2-9410-000CN	Motor, stepping, DC	2
4	RK2-7818-000CN	Motor, stepping, DC	2

# Alphabetical parts list

Table 2-49 Alphabetical parts list

Description	Part number	Table and page
	0960-3659	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
	0960-3659	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
ADF hinges kit	J7Z09-67931	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
ADF whole unit enterprise	5851-7930	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
ADF whole unit work flow	5851-7931	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
Arm, front door, left	RC5-0722-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Arm, front door, left	RC5-0722-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Arm, front door, left	RC5-0722-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Auto close assembly	RM2-1605-000CN	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
Auto close assembly	RM2-1605-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
Auto close assembly	RM2-1605-000CN	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
Auto-close assembly	RM2-1734-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Auto-close assembly	RM2-1760-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Auto-close assembly	RM2-1760-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>



**Table 2-49** Alphabetical parts list (continued)

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Black cartridge rail assembly	RM2-1356-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Black cartridge rail assembly	RM2-1356-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Black cartridge rail assembly	RM2-1356-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Black pre-exposure assembly	RM2-1340-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Black pre-exposure assembly	RM2-1340-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Black pre-exposure assembly	RM2-1340-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Cable duct assembly	RM2-2444-000CN	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
Cable, interlock	FM1-E959-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Cam, coupling estrangement	RC5-1055-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Cam, coupling estrangement	RC5-1055-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Cap, cover, rear	RC5-4842-000CN	<a href="#">Inner finisher covers on page 2183</a>
Cartridge guide	RL2-2091-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Cartridge upper guide assembly	RM2-1343-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Cartridge upper guide assembly	RM2-1343-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Cartridge upper guide assembly	RM2-1343-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Cassette assembly	RM2-1394-000CN	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
Cassette assembly	RM2-1394-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
Cassette assembly	RM2-1706-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Cassette assembly	RM2-1706-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
Cassette assembly	RM2-1720-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
Cassette Assembly	RM2-1394-000CN	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
Communication PCB Assembly	RM3-7341-000CN	<a href="#">Printer internal assemblies (M776zs; 9 of 9) on page 2181</a>
Complete inner finisher	T3U55-67901	<a href="#">Inner finisher covers on page 2183</a>
Complete inner finisher	T3U55-67901	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Complete inner finisher	T3U55-67901	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
Complete inner finisher	T3U55-67901	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
Connecting PCB assembly	RM2-9618-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Connecting PCB assembly	RM2-9622-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Connecting PCB assembly	RM2-9622-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Connecting PCB assembly	RM2-9622-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Control panel (M751/E75245)	5851-7253	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Control panel (M776)	J7Z09-67928	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
Control panel (M856/E85055)	K0Q15-67901	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Cover, front	RC5-2732-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, latch	RC5-4840-000CN	<a href="#">Inner finisher covers on page 2183</a>
Cover, left rear	RC5-1804-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Cover, left rear	RC5-2632-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Cover, left rear	RC5-2632-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Cover, left rear	RC5-2632-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, left upper, F	RC5-1805-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Cover, left upper, F	RC5-1805-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Cover, left upper, F	RC5-1805-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Cover, left upper, F	RC5-1805-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, left upper, R	RC5-1806-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Cover, left upper, R	RC5-1806-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Cover, left upper, R	RC5-1806-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Cover, left upper, R	RC5-1806-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, main	RC5-2731-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, option, upper	RC5-2621-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Cover, option, upper	RC5-2621-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Cover, paper delivery	RC5-2734-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, paper delivery, front	RC5-2728-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, rail	RC5-4887-000CN	<a href="#">Inner finisher covers on page 2183</a>
Cover, rear right, upper	RC5-2735-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, rear upper	RC5-2730-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, rear, small	RC5-4834-000CN	<a href="#">Inner finisher covers on page 2183</a>
Cover, right upper	RC5-2733-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Cover, right, lower	RC5-2064-000CN	<a href="#">2x550-sheet tray covers on page 2195</a>
Cover, right, lower	RC5-2064-000CN	<a href="#">HCI tray covers on page 2201</a>
Cover, upper	RC5-0658-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Cover, upper	RC5-2623-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
DC controller PCB assembly	RM2-9630-000CN	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
DC controller PCB assembly	RM2-9930-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
DC controller PCB assembly	RM2-9931-000CN	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Document feeder roller kit	5851-7202	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
DT cartridge rail assembly	RM2-1357-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
DT cartridge rail assembly	RM2-2479-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
DT Cartridge rail assembly	RM2-2479-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Duplexing controller PCB assembly	RM2-9921-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Duplexing controller PCB assembly	RM3-7380-000CN	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
Duplexing drive assembly	RM2-1392-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Duplexing reverse guide assembly	RM2-2690-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
Entrance guide assembly, upper	RM2-2434-000CN	<a href="#">Inner finisher covers on page 2183</a>
Environment sensor PCB assembly	RM2-9620-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Environment sensor PCB assembly	RM2-9620-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Environment sensor PCB assembly	RM2-9620-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Estrangement solenoid assembly	FM1-F201-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Fan	RK2-2276-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Fan	RK2-2276-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Fan	RK2-2276-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Fan	RK2-9148-000CN	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
First cartridge rail assembly	RM2-1354-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
First cartridge rail assembly	RM2-2481-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
First cartridge rail assembly	RM2-2681-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Formatter case assembly	RM2-2476-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Formatter case assembly	RM2-2476-000CN	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Formatter cover assembly	RM2-1346-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Formatter cover assembly	RM2-2683-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Formatter cover assembly	RM2-2683-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Formatter cover assembly	RM2-2683-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	5851-7703	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	5851-7703	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)	5851-7702	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)	5851-7702	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Formatter PCA (M776) (sPAB - SFP; India/China)	5851-7914	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Formatter PCA (M776) (sPAB - SFP; India/China)	5851-7914	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Formatter PCA (M776) (sPAB - SFP)	5851-7913	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Formatter PCA (M776) (sPAB - SFP)	5851-7913	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	5851-7705	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	5851-7705	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)	5851-7704	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)	5851-7704	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Front cover assembly	RM2-2438-000CN	<a href="#">Inner finisher covers on page 2183</a>
Front door assembly	RM2-1368-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Front door assembly	RM2-1368-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Front door assembly	RM2-1368-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Front door assembly	RM2-1368-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Fuser drive assembly	RM2-1391-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Fuser drive assembly	RM2-1391-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Fuser drive assembly	RM2-1391-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Fuser kit (110V)	4YL16-67901	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
Fuser kit (110V)	4YL16-67901	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Fuser Kit (110V)	3WT87-67901	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Fuser kit (220V)	4YL17-67901	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
Fuser kit (220V)	4YL17-67901	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Fuser Kit (220V)	3WT88-67901	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Fuser motor assembly	RM2-1456-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Fuser motor assembly	RM2-1456-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Fuser motor assembly	RM2-1456-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Guide cartridge	RL2-2091-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Guide, cartridge	RL2-2091-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Guide, PCB cable	RC5-1656-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>



Table 2-49 Alphabetical parts list (continued)

Description	Part number	Table and page
Guide, PCB cable	RC5-1656-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Guide, PCB cable	RC5-1656-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Handle, release	RC5-4839-000CN	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
Height tray motor assembly	FM1-C439-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Height wall assembly	RM2-2452-000CN	<a href="#">Inner finisher covers on page 2183</a>
Hinge, cover, left	RC5-0801-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Hinge, cover, left	RC5-0801-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Hinge, cover, left	RC5-0801-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Hinge, cover, left	RC5-0801-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Hinge, left door, upper	RC5-0770-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Hinge, left door, upper	RC5-0770-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Hinge, left door, upper	RC5-0770-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Hinge, left door, upper	RC5-0770-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
IC, photo-interrupter, LG248NL1A	WG8-5783-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
IC, photointerrupter	WG8-5935-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
IC, photointerrupter	WG8-5935-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
IC, photointerrupter	WG8-5935-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Image scanner whole unit	5851-7915	<a href="#">Document feeder and image scanner (M776) on page 2119</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Intermediate transfer belt	RM2-1504-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Intermediate transfer belt assembly	RM2-1504-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
Intermediate transfer belt assembly	RM2-1504-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Laser scanner assembly	RM2-1328-020CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Laser scanner assembly	RM2-1328-020CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Laser scanner assembly	RM2-1328-020CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Latch assembly	RM2-2442-000CN	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
Left cover lock assembly	RM2-1350-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Left cover lock assembly	RM2-1350-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Left cover lock assembly	RM2-1350-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Left cover lock assembly	RM2-1350-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Left door assembly	RM2-1351-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Left door assembly	RM2-1351-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Left door assembly	RM2-1351-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Left door assembly	RM2-1351-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Left tray assembly	RM2-1743-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Lifter drive assembly	RM2-1604-000CN	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Lifter drive assembly	RM2-1604-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 3 of 8) on page 2149</a>
Lifter drive assembly	RM2-1604-000CN	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
Lifter drive assembly	RM2-1703-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Lifter drive assembly	RM2-1704-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
Lifter drive assembly	RM2-1736-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Low voltage power supply assembly	RM2-2473-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Low voltage power supply assembly	RM2-2474-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Low-voltage power supply (110V-127V)	RM2-1445-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Low-voltage power supply (110V-127V)	RM2-2473-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 7 of 8) on page 2157</a>
Low-voltage power supply (220V-240V)	RM2-1453-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Low-voltage power supply (220V-240V)	RM2-2474-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 7 of 8) on page 2157</a>
Lower high voltage power supply PCB assembly	RM2-9624-000CN	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Lower high-voltage power supply PCB assembly	RM2-9624-000CN	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
Lower high-voltage power supply PCB assembly	RM2-9624-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 4 of 8) on page 2151</a>
Main connecting PCB assembly	RM2-9618-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Main connecting PCB assembly	RM2-9618-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Main drive assembly	RM2-1614-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Main drive assembly	RM2-1614-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Main drive assembly	RM2-1614-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Main motor assembly	RM2-1612-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Main motor assembly	RM2-1612-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Main motor assembly	RM2-1612-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Main motor assembly	RM2-1613-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Main motor assembly	RM2-1613-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Main motor assembly	RM2-1613-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Memory PCB assembly	RM3-7351-000CN	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
Memory PCB assembly	RM3-7351-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Memory PCB assembly	RM3-7351-000CN	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Motor stepping	FK4-2060-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Motor, stepping	RK2-6027-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>

**Table 2-49** Alphabetical parts list (continued)

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Motor, stepping	RK2-6027-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Motor, stepping	RK2-6027-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Motor, stepping, DC	RK2-7818-000CN	<a href="#">HCI tray internal assemblies (2 of 2) on page 2205</a>
Motor, stepping, DC	RK2-9410-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Motor, stepping, DC	RK2-9410-000CN	<a href="#">2x550-sheet paper tray internal assemblies (2 of 2) on page 2199</a>
Motor, stepping, DC	RK2-9410-000CN	<a href="#">HCI tray internal assemblies (2 of 2) on page 2205</a>
Paddle drive assembly	FM1-C426-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Paddle unit	FM1-C422-000CN	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
Paper deck controller PCB assembly	RM2-9885-000CN	<a href="#">2x550-sheet paper tray internal assemblies (2 of 2) on page 2199</a>
Paper deck controller PCB assembly	RM2-9887-000CN	<a href="#">HCI tray internal assemblies (2 of 2) on page 2205</a>
Paper delivery assembly	RM2-1498-000CN	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
Paper delivery assembly	RM2-1777-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
Paper delivery assembly	RM2-1786-000CN	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
Paper feed assembly	RM2-1730-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Paper feed guide assembly, upper	RM2-2432-000CN	<a href="#">Inner finisher covers on page 2183</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Paper pickup assembly	RM2-1393-010CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Paper pickup assembly	RM2-1717-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Paper pickup assembly	RM2-1717-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
Paper pickup assembly	RM2-1717-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Paper pickup assembly	RM2-1741-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Paper pickup assembly	RM2-3908-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Paper pickup assembly	RM2-3908-000CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Paper pickup roller assembly	RM2-1526-000CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Paper pickup roller assembly	RM2-1526-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Paper pickup roller assembly	RM2-1526-000CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Paper pickup roller assembly	RM2-1526-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Paper pickup roller assembly	RM2-1526-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
Paper pickup roller assembly	RM2-1526-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Power switch PCB assembly	RM2-9610-000CN	<a href="#">Printer internal assemblies (M751/E75245; 2 of 7) on page 2127</a>
Power switch PCB assembly	RM2-9610-000CN	<a href="#">Printer internal assemblies (M776zs; 2 of 9) on page 2167</a>

Table 2-49 Alphabetical parts list (continued)

Description	Part number	Table and page
Processing tray assembly	RM2-2458-000CN	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
Push assembly, front	RM2-2460-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Push assembly, rear	RM2-2526-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
RD pressure link assembly, front	RM2-1389-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RD pressure link assembly, front	RM2-1389-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RD pressure link assembly, front	RM2-1389-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RD pressure link assembly, rear	RM2-1390-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RD pressure link assembly, rear	RM2-1390-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RD pressure link assembly, rear	RM2-1390-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Rear delivery cover assembly	RM2-1782-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Registration density sensor assembly	RM2-1501-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Registration density sensor assembly	RM2-1501-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Registration density sensor assembly, front	RM2-1501-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
Return belt unit	FM1-H670-000CN	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
Right door assembly	RM2-1494-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Right door assembly	RM2-1716-000CN	<a href="#">550-sheet tray covers on page 2191</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Right door assembly	RM2-1729-000CN	<a href="#">2x550-sheet tray covers on page 2195</a>
Right door assembly	RM2-1740-000CN	<a href="#">HCl tray covers on page 2201</a>
Right door assembly	RM2-3434-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Right door assembly	RM2-3434-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Right door assembly	RM2-3434-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Right front cover assembly	RM2-2661-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Right handle assembly	RM2-1376-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Right handle assembly	RM2-1376-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Right handle assembly	RM2-2660-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Right tray assembly	RM2-1748-000CN	<a href="#">HCl tray internal assemblies (1 of 2) on page 2203</a>
Right upper door assembly	RM2-1785-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
SCB enterprise	5851-7916	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
SCB work flow	5851-7917	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
Second cartridge rail assembly	RM2-1353-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Second cartridge rail assembly	RM2-2480-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Second cartridge rail assembly	RM2-2480-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Second transfer H.V.T. PCB assembly	RM2-9623-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Second transfer H.V.T. PCB assembly	RM2-9623-000CN	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>



**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Second transfer high-voltage PCB assembly	RM2-9623-000CN	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
Second transfer, roller assembly	RM2-1399-010CN	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
Secondary transfer roller	RM2-1399-010CN	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
Secondary transfer roller	RM2-1399-010CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
Separation roller holder assembly	RM2-1526-000CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Separation roller holder assembly	RM2-1526-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Separation roller holder assembly	RM2-1526-000CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Separation roller holder assembly	RM2-1526-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Separation roller holder assembly	RM2-1526-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
Separation roller holder assembly	RM2-1526-000CN	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
Size detect switch assembly	RM2-1436-000CN	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
Size detect switch assembly	RM2-1436-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
Size detect switch assembly	RM2-1436-000CN	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
Size detect switch assembly	RM2-1711-000CN	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
Size detect switch assembly	RM2-1711-000CN	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Spacer, drawer holder	RC5-1681-000CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Spacer, drawer holder	RC5-1681-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Spacer, drawer holder	RC5-1681-000CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Stack tray assembly	RM2-2450-000CN	<a href="#">Inner finisher covers on page 2183</a>
Staple assembly	RM2-2453-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Staple mount assembly	FM1-D645-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Staple stacker PCB assembly	RM3-7323-000CN	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
Third cartridge rail assembly	RM2-1355-000CN	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
Third cartridge rail assembly	RM2-2482-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
Third cartridge rail assembly	RM2-2682-000CN	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
Toggle front assembly	RM2-1764-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
Toggle front assembly	RM2-1764-000CN	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
Toggle rear assembly	RM2-1763-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
Toggle rear assembly	RM2-1763-000CN	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
Toner collection unit	3WT90-67901	<a href="#">Printer internal assemblies (M751/E75245; 2 of 7) on page 2127</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Toner collection unit	3WT90-67901	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 2 of 8) on page 2147</a>
Toner collection unit	3WT90-67901	<a href="#">Printer internal assemblies (M776zs; 2 of 9) on page 2167</a>
Transfer cleaner assembly	RM2-1490-000CN	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
Transfer cleaner assembly	RM2-1490-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
Transfer cleaner assembly	RM2-1490-000CN	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
Tray 1 pickup roller	RM2-1525-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Tray 1 pickup roller	RM2-1525-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Tray 1 pickup roller	RM2-1525-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Tray 1 pickup roller	RM2-1525-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Tray 1 separation roller	RM2-1525-000CN	<a href="#">Printer covers (M751/E75245) on page 2123</a>
Tray 1 separation roller	RM2-1525-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Tray 1 separation roller	RM2-1525-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Tray 1 separation roller	RM2-1525-000CN	<a href="#">Printer covers (M776zs) on page 2162</a>
Tray, reverse	RL2-2563-000CN	<a href="#">Printer covers (M856/E85055) on page 2140</a>
Tray, reverse	RL2-2563-000CN	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
Tray, wire sub	RC5-4905-000CN	<a href="#">Inner finisher covers on page 2183</a>
Upper high voltage power supply PCB assembly	RM2-9601-000CN	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
Upper high-voltage power supply PCB assembly	RM2-9601-000CN	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>

**Table 2-49** Alphabetical parts list (continued)

Description	Part number	Table and page
Upper high-voltage power supply PCB assembly	RM2-9601-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
Waste toner auger service kit	RM2-1520-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Waste toner auger service kit	RM2-1520-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
Waste toner feed assembly	RM2-1520-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Waste toner feed link assembly	RM2-1366-000CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Waste toner feed link assembly	RM2-1366-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Waste toner feed link assembly	RM2-1366-000CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Waste toner feed link assembly	RM2-1367-000CN	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
Waste toner feed link assembly	RM2-1367-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
Waste toner feed link assembly	RM2-1367-000CN	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
Waste toner gear base assembly	RM2-1364-000CN	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
Waste toner gear base assembly	RM2-1364-000CN	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
Waste toner gear base assembly	RM2-1364-000CN	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
White backing A3 kit	J7Z09-67926	<a href="#">Document feeder and image scanner (M776) on page 2119</a>

Table 2-49 Alphabetical parts list (continued)

Description	Part number	Table and page
White backing retention clip kit	J7Z09-67927	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
Wireless PCA board	0960-3659	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>

## Numerical parts list

Table 2-50 Numerical parts list

Part number	Description	Table and page
0960-3659		<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8)</a> on page 2151
0960-3659		<a href="#">Printer internal assemblies (M776zs; 4 of 9)</a> on page 2171
0960-3659	Wireless PCA board	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7)</a> on page 2131
3WT87-67901	Fuser Kit (110V)	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7)</a> on page 2137
3WT88-67901	Fuser Kit (220V)	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7)</a> on page 2137
3WT90-67901	Toner collection unit	<a href="#">Printer internal assemblies (M751/E75245; 2 of 7)</a> on page 2127
3WT90-67901	Toner collection unit	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 2 of 8)</a> on page 2147
3WT90-67901	Toner collection unit	<a href="#">Printer internal assemblies (M776zs; 2 of 9)</a> on page 2167
4YL16-67901	Fuser kit (110V)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8)</a> on page 2157
4YL16-67901	Fuser kit (110V)	<a href="#">Printer internal assemblies (M776zs; 7 of 9)</a> on page 2177
4YL17-67901	Fuser kit (220V)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8)</a> on page 2157
4YL17-67901	Fuser kit (220V)	<a href="#">Printer internal assemblies (M776zs; 7 of 9)</a> on page 2177
5851-7202	Document feeder roller kit	<a href="#">Document feeder and image scanner (M776)</a> on page 2119
5851-7253	Control panel (M751/E75245)	<a href="#">Printer covers (M751/E75245)</a> on page 2123

**Table 2-50 Numerical parts list (continued)**

Part number	Description	Table and page
5851-7702	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
5851-7702	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
5851-7703	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
5851-7703	Formatter PCA (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
5851-7704	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
5851-7704	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
5851-7705	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
5851-7705	Formatter PCA + SDS (M751/E75245/M856/E85055) (sPAB - SFP; India/China)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
5851-7913	Formatter PCA (M776) (sPAB - SFP)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
5851-7913	Formatter PCA (M776) (sPAB - SFP)	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
5851-7914	Formatter PCA (M776) (sPAB - SFP; India/China)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
5851-7914	Formatter PCA (M776) (sPAB - SFP; India/China)	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
5851-7915	Image scanner whole unit	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
5851-7916	SCB enterprise	<a href="#">Document feeder and image scanner (M776) on page 2119</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
5851-7917	SCB work flow	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
5851-7930	ADF whole unit enterprise	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
5851-7931	ADF whole unit work flow	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
FK4-2060-000CN	Motor stepping	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
FM1-C422-000CN	Paddle unit	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
FM1-C426-000CN	Paddle drive assembly	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
FM1-C439-000CN	Height tray motor assembly	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
FM1-D645-000CN	Staple mount assembly	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
FM1-E959-000CN	Cable, interlock	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
FM1-F201-000CN	Estrangement solenoid assembly	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
FM1-H670-000CN	Return belt unit	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
J7Z09-67926	White backing A3 kit	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
J7Z09-67927	White backing retention clip kit	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
J7Z09-67928	Control panel (M776)	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
J7Z09-67931	ADF hinges kit	<a href="#">Document feeder and image scanner (M776) on page 2119</a>
K0Q15-67901	Control panel (M856/E85055)	<a href="#">Printer covers (M856/E85055) on page 2140</a>



**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RC5-0658-000CN	Cover, upper	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RC5-0722-000CN	Arm, front door, left	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RC5-0722-000CN	Arm, front door, left	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
RC5-0722-000CN	Arm, front door, left	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RC5-0770-000CN	Hinge, left door, upper	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RC5-0770-000CN	Hinge, left door, upper	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-0770-000CN	Hinge, left door, upper	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RC5-0770-000CN	Hinge, left door, upper	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-0801-000CN	Hinge, cover, left	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RC5-0801-000CN	Hinge, cover, left	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-0801-000CN	Hinge, cover, left	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RC5-0801-000CN	Hinge, cover, left	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-1055-000CN	Cam, coupling estrangement	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RC5-1055-000CN	Cam, coupling estrangement	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RC5-1656-000CN	Guide, PCB cable	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RC5-1656-000CN	Guide, PCB cable	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RC5-1656-000CN	Guide, PCB cable	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RC5-1681-000CN	Spacer, drawer holder	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
RC5-1681-000CN	Spacer, drawer holder	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
RC5-1681-000CN	Spacer, drawer holder	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RC5-1804-000CN	Cover, left rear	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RC5-1805-000CN	Cover, left upper, F	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RC5-1805-000CN	Cover, left upper, F	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-1805-000CN	Cover, left upper, F	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RC5-1805-000CN	Cover, left upper, F	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-1806-000CN	Cover, left upper, R	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RC5-1806-000CN	Cover, left upper, R	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-1806-000CN	Cover, left upper, R	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RC5-1806-000CN	Cover, left upper, R	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2064-000CN	Cover, right, lower	<a href="#">2x550-sheet tray covers on page 2195</a>
RC5-2064-000CN	Cover, right, lower	<a href="#">HCI tray covers on page 2201</a>
RC5-2621-000CN	Cover, option, upper	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-2621-000CN	Cover, option, upper	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RC5-2623-000CN	Cover, upper	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-2632-000CN	Cover, left rear	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RC5-2632-000CN	Cover, left rear	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RC5-2632-000CN	Cover, left rear	<a href="#">Printer covers (M776zs) on page 2162</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RC5-2728-000CN	Cover, paper delivery, front	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2730-000CN	Cover, rear upper	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2731-000CN	Cover, main	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2732-000CN	Cover, front	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2733-000CN	Cover, right upper	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2734-000CN	Cover, paper delivery	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-2735-000CN	Cover, rear right, upper	<a href="#">Printer covers (M776zs) on page 2162</a>
RC5-4834-000CN	Cover, rear, small	<a href="#">Inner finisher covers on page 2183</a>
RC5-4839-000CN	Handle, release	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
RC5-4840-000CN	Cover, latch	<a href="#">Inner finisher covers on page 2183</a>
RC5-4842-000CN	Cap, cover, rear	<a href="#">Inner finisher covers on page 2183</a>
RC5-4887-000CN	Cover, rail	<a href="#">Inner finisher covers on page 2183</a>
RC5-4905-000CN	Tray, wire sub	<a href="#">Inner finisher covers on page 2183</a>
RK2-2276-000CN	Fan	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RK2-2276-000CN	Fan	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RK2-2276-000CN	Fan	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RK2-6027-000CN	Motor, stepping	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RK2-6027-000CN	Motor, stepping	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RK2-6027-000CN	Motor, stepping	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RK2-7818-000CN	Motor, stepping, DC	<a href="#">HCI tray internal assemblies (2 of 2) on page 2205</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RK2-9148-000CN	Fan	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
RK2-9410-000CN	Motor, stepping, DC	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RK2-9410-000CN	Motor, stepping, DC	<a href="#">2x550-sheet paper tray internal assemblies (2 of 2) on page 2199</a>
RK2-9410-000CN	Motor, stepping, DC	<a href="#">HCI tray internal assemblies (2 of 2) on page 2205</a>
RL2-2091-000CN	Cartridge guide	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RL2-2091-000CN	Guide cartridge	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RL2-2091-000CN	Guide, cartridge	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RL2-2563-000CN	Tray, reverse	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RL2-2563-000CN	Tray, reverse	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-1328-020CN	Laser scanner assembly	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
RM2-1328-020CN	Laser scanner assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
RM2-1328-020CN	Laser scanner assembly	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RM2-1340-000CN	Black pre-exposure assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1340-000CN	Black pre-exposure assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
RM2-1340-000CN	Black pre-exposure assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-1343-000CN	Cartridge upper guide assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1343-000CN	Cartridge upper guide assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
RM2-1343-000CN	Cartridge upper guide assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-1346-000CN	Formatter cover assembly	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1350-000CN	Left cover lock assembly	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1350-000CN	Left cover lock assembly	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-1350-000CN	Left cover lock assembly	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-1350-000CN	Left cover lock assembly	<a href="#">Printer covers (M776zs) on page 2162</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1351-000CN	Left door assembly	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1351-000CN	Left door assembly	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-1351-000CN	Left door assembly	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-1351-000CN	Left door assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-1353-000CN	Second cartridge rail assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1354-000CN	First cartridge rail assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1355-000CN	Third cartridge rail assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1356-000CN	Black cartridge rail assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1356-000CN	Black cartridge rail assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 1 of 8) on page 2145</a>
RM2-1356-000CN	Black cartridge rail assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-1357-000CN	DT cartridge rail assembly	<a href="#">Printer internal assemblies (M751/E75245; 1 of 7) on page 2125</a>
RM2-1364-000CN	Waste toner gear base assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-1364-000CN	Waste toner gear base assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-1364-000CN	Waste toner gear base assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1366-000CN	Waste toner feed link assembly	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
RM2-1366-000CN	Waste toner feed link assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1366-000CN	Waste toner feed link assembly	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RM2-1367-000CN	Waste toner feed link assembly	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
RM2-1367-000CN	Waste toner feed link assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
RM2-1367-000CN	Waste toner feed link assembly	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RM2-1368-000CN	Front door assembly	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1368-000CN	Front door assembly	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-1368-000CN	Front door assembly	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-1368-000CN	Front door assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-1376-000CN	Right handle assembly	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1376-000CN	Right handle assembly	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-1389-000CN	RD pressure link assembly, front	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RM2-1389-000CN	RD pressure link assembly, front	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RM2-1389-000CN	RD pressure link assembly, front	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RM2-1390-000CN	RD pressure link assembly, rear	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RM2-1390-000CN	RD pressure link assembly, rear	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RM2-1390-000CN	RD pressure link assembly, rear	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RM2-1391-000CN	Fuser drive assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>

Table 2-50 Numerical parts list (continued)

Part number	Description	Table and page
RM2-1391-000CN	Fuser drive assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-1391-000CN	Fuser drive assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1392-000CN	Duplexing drive assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-1393-010CN	Paper pickup assembly	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
RM2-1394-000CN	Cassette assembly	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
RM2-1394-000CN	Cassette assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
RM2-1394-000CN	Cassette Assembly	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
RM2-1399-010CN	Second transfer, roller assembly	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
RM2-1399-010CN	Secondary transfer roller	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
RM2-1399-010CN	Secondary transfer roller	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
RM2-1436-000CN	Size detect switch assembly	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
RM2-1436-000CN	Size detect switch assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
RM2-1436-000CN	Size detect switch assembly	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
RM2-1445-000CN	Low-voltage power supply (110V-127V)	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RM2-1453-000CN	Low-voltage power supply (220V-240V)	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>



**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1456-000CN	Fuser motor assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-1456-000CN	Fuser motor assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-1456-000CN	Fuser motor assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1490-000CN	Transfer cleaner assembly	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RM2-1490-000CN	Transfer cleaner assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RM2-1490-000CN	Transfer cleaner assembly	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RM2-1494-000CN	Right door assembly	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1498-000CN	Paper delivery assembly	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
RM2-1501-000CN	Registration density sensor assembly	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RM2-1501-000CN	Registration density sensor assembly	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RM2-1501-000CN	Registration density sensor assembly, front	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RM2-1504-000CN	Intermediate transfer belt	<a href="#">Printer internal assemblies (M751/E75245; 7 of 7) on page 2137</a>
RM2-1504-000CN	Intermediate transfer belt assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RM2-1504-000CN	Intermediate transfer belt assembly	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RM2-1520-000CN	Waste toner auger service kit	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1520-000CN	Waste toner auger service kit	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1520-000CN	Waste toner feed assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-1525-000CN	Tray 1 pickup roller	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1525-000CN	Tray 1 pickup roller	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-1525-000CN	Tray 1 pickup roller	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-1525-000CN	Tray 1 pickup roller	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-1525-000CN	Tray 1 separation roller	<a href="#">Printer covers (M751/E75245) on page 2123</a>
RM2-1525-000CN	Tray 1 separation roller	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-1525-000CN	Tray 1 separation roller	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-1525-000CN	Tray 1 separation roller	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-1526-000CN	Paper pickup roller assembly	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>
RM2-1526-000CN	Paper pickup roller assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
RM2-1526-000CN	Paper pickup roller assembly	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RM2-1526-000CN	Paper pickup roller assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1526-000CN	Paper pickup roller assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1526-000CN	Paper pickup roller assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1526-000CN	Separation roller holder assembly	<a href="#">Printer internal assemblies (M751/E75245; 6 of 7) on page 2135</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1526-000CN	Separation roller holder assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
RM2-1526-000CN	Separation roller holder assembly	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RM2-1526-000CN	Separation roller holder assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1526-000CN	Separation roller holder assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1526-000CN	Separation roller holder assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1604-000CN	Lifter drive assembly	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
RM2-1604-000CN	Lifter drive assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
RM2-1604-000CN	Lifter drive assembly	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
RM2-1605-000CN	Auto close assembly	<a href="#">Printer internal assemblies (M751/E75245; 3 of 7) on page 2129</a>
RM2-1605-000CN	Auto close assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 3 of 8) on page 2149</a>
RM2-1605-000CN	Auto close assembly	<a href="#">Printer internal assemblies (M776zs; 3 of 9) on page 2169</a>
RM2-1612-000CN	Main motor assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-1612-000CN	Main motor assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-1612-000CN	Main motor assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1613-000CN	Main motor assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1613-000CN	Main motor assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-1613-000CN	Main motor assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1614-000CN	Main drive assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-1614-000CN	Main drive assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-1614-000CN	Main drive assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
RM2-1703-000CN	Lifter drive assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1704-000CN	Lifter drive assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1706-000CN	Cassette assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1706-000CN	Cassette assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1711-000CN	Size detect switch assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1711-000CN	Size detect switch assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1716-000CN	Right door assembly	<a href="#">550-sheet tray covers on page 2191</a>
RM2-1717-000CN	Paper pickup assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1717-000CN	Paper pickup assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1717-000CN	Paper pickup assembly	<a href="#">HCl tray internal assemblies (1 of 2) on page 2203</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1720-000CN	Cassette assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1729-000CN	Right door assembly	<a href="#">2x550-sheet tray covers on page 2195</a>
RM2-1730-000CN	Paper feed assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1734-000CN	Auto-close assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1736-000CN	Lifter drive assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1740-000CN	Right door assembly	<a href="#">HCI tray covers on page 2201</a>
RM2-1741-000CN	Paper pickup assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1743-000CN	Left tray assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1748-000CN	Right tray assembly	<a href="#">HCI tray internal assemblies (1 of 2) on page 2203</a>
RM2-1760-000CN	Auto-close assembly	<a href="#">550-sheet paper tray internal assemblies on page 2193</a>
RM2-1760-000CN	Auto-close assembly	<a href="#">2x550-sheet paper tray internal assemblies (1 of 2) on page 2197</a>
RM2-1763-000CN	Toggle rear assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
RM2-1763-000CN	Toggle rear assembly	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
RM2-1764-000CN	Toggle front assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
RM2-1764-000CN	Toggle front assembly	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-1777-000CN	Paper delivery assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
RM2-1782-000CN	Rear delivery cover assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-1785-000CN	Right upper door assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-1786-000CN	Paper delivery assembly	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
RM2-2432-000CN	Paper feed guide assembly, upper	<a href="#">Inner finisher covers on page 2183</a>
RM2-2434-000CN	Entrance guide assembly, upper	<a href="#">Inner finisher covers on page 2183</a>
RM2-2438-000CN	Front cover assembly	<a href="#">Inner finisher covers on page 2183</a>
RM2-2442-000CN	Latch assembly	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
RM2-2444-000CN	Cable duct assembly	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
RM2-2450-000CN	Stack tray assembly	<a href="#">Inner finisher covers on page 2183</a>
RM2-2452-000CN	Height wall assembly	<a href="#">Inner finisher covers on page 2183</a>
RM2-2453-000CN	Staple assembly	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
RM2-2458-000CN	Processing tray assembly	<a href="#">Inner finisher internal assemblies (2 of 3) on page 2187</a>
RM2-2460-000CN	Push assembly, front	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
RM2-2473-000CN	Low voltage power supply assembly	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>
RM2-2473-000CN	Low-voltage power supply (110V-127V)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 7 of 8) on page 2157</a>
RM2-2474-000CN	Low voltage power supply assembly	<a href="#">Printer internal assemblies (M776zs; 7 of 9) on page 2177</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-2474-000CN	Low-voltage power supply (220V-240V)	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 7 of 8) on page 2157</a>
RM2-2476-000CN	Formatter case assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 4 of 8) on page 2151</a>
RM2-2476-000CN	Formatter case assembly	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
RM2-2479-000CN	DT cartridge rail assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 1 of 8) on page 2145</a>
RM2-2479-000CN	DT Cartridge rail assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-2480-000CN	Second cartridge rail assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 1 of 8) on page 2145</a>
RM2-2480-000CN	Second cartridge rail assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-2481-000CN	First cartridge rail assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 1 of 8) on page 2145</a>
RM2-2482-000CN	Third cartridge rail assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/ M776z; 1 of 8) on page 2145</a>
RM2-2526-000CN	Push assembly, rear	<a href="#">Inner finisher internal assemblies (1 of 3) on page 2185</a>
RM2-2660-000CN	Right handle assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-2661-000CN	Right front cover assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-2681-000CN	First cartridge rail assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-2682-000CN	Third cartridge rail assembly	<a href="#">Printer internal assemblies (M776zs; 1 of 9) on page 2165</a>
RM2-2683-000CN	Formatter cover assembly	<a href="#">Printer covers (M856/ E85055) on page 2140</a>

**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-2683-000CN	Formatter cover assembly	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-2683-000CN	Formatter cover assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-2690-000CN	Duplexing reverse guide assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 8 of 8) on page 2159</a>
RM2-3434-000CN	Right door assembly	<a href="#">Printer covers (M856/E85055) on page 2140</a>
RM2-3434-000CN	Right door assembly	<a href="#">Printer covers (M776dn/M776z) on page 2143</a>
RM2-3434-000CN	Right door assembly	<a href="#">Printer covers (M776zs) on page 2162</a>
RM2-3908-000CN	Paper pickup assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 6 of 8) on page 2155</a>
RM2-3908-000CN	Paper pickup assembly	<a href="#">Printer internal assemblies (M776zs; 6 of 9) on page 2175</a>
RM2-9601-000CN	Upper high voltage power supply PCB assembly	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
RM2-9601-000CN	Upper high-voltage power supply PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
RM2-9601-000CN	Upper high-voltage power supply PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
RM2-9610-000CN	Power switch PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 2 of 7) on page 2127</a>
RM2-9610-000CN	Power switch PCB assembly	<a href="#">Printer internal assemblies (M776zs; 2 of 9) on page 2167</a>
RM2-9618-000CN	Connecting PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-9618-000CN	Main connecting PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 5 of 7) on page 2133</a>
RM2-9618-000CN	Main connecting PCB assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>



**Table 2-50 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
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RM2-9620-000CN	Environment sensor PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-9620-000CN	Environment sensor PCB assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
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RM2-9622-000CN	Connecting PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 5 of 8) on page 2153</a>
RM2-9622-000CN	Connecting PCB assembly	<a href="#">Printer internal assemblies (M776zs; 5 of 9) on page 2173</a>
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RM2-9623-000CN	Second transfer H.V.T. PCB assembly	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
RM2-9623-000CN	Second transfer high-voltage PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
RM2-9624-000CN	Lower high voltage power supply PCB assembly	<a href="#">Printer internal assemblies (M776zs; 4 of 9) on page 2171</a>
RM2-9624-000CN	Lower high-voltage power supply PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
RM2-9624-000CN	Lower high-voltage power supply PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
RM2-9630-000CN	DC controller PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
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RM2-9930-000CN	DC controller PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
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RM3-7341-000CN	Communication PCB Assembly	<a href="#">Printer internal assemblies (M776zs; 9 of 9) on page 2181</a>
RM3-7351-000CN	Memory PCB assembly	<a href="#">Printer internal assemblies (M751/E75245; 4 of 7) on page 2131</a>
RM3-7351-000CN	Memory PCB assembly	<a href="#">Printer internal assemblies (M856/E85055, M776dn/M776z; 4 of 8) on page 2151</a>
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RM3-7380-000CN	Duplexing controller PCB assembly	<a href="#">Printer internal assemblies (M776zs; 8 of 9) on page 2179</a>
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T3U55-67901	Complete inner finisher	<a href="#">Inner finisher internal assemblies (3 of 3) on page 2189</a>
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