



# LaserJet Pro M201, M202 LaserJet Pro MFP M225, M226

## Replace and Repair Manual



**M201n  
M202n**



**M201dw  
M202dw**



**M225dn  
M225rdn  
M226dn**



**M225dw  
M226dw**



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# HP LaserJet Pro MFP M225/M226 series and HP LaserJet Pro M201/M202 Printer series

Replace and Repair Manual

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## Conventions used in this guide

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 **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.

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# 1 Removal and replacement

- [Removal and replacement strategy](#)
- [Service strategy](#)
- [Removal and replacement procedures](#)
- [Automatic document feeder and scanner components](#)


# Removal and replacement strategy


## Cautions during removal and replacement


 **WARNING!** Turn the product off, wait 5 seconds, and then remove the power cord before attempting to service the product. If this warning is not followed, severe injury can result, in addition to damage to the product. The power must be on for certain functional checks during troubleshooting. However, disconnect the power supply during parts removal.

Never operate or service the product with the protective cover removed from the laser/scanner assembly. The reflected beam, although invisible, can damage your eyes.



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

 **CAUTION:** Do not bend or fold the flat flexible cables (FFCs) during removal or installation. Also, do not straighten pre-folds in the FFCs. You *must* fully seat all FFCs in their connectors. Failure to fully seat an FFC into a connector can cause a short circuit in a PCA.

 **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.

 **TIP:** For clarity, some photos in this chapter show components removed that would not be removed to service the product. If necessary, remove the components listed at the beginning of a procedure before proceeding to service the product.

## Electrostatic discharge

 **CAUTION:**  Some parts are sensitive to electrostatic discharge (ESD). Look for the ESD reminder when removing product parts. Always perform service work at an ESD-protected workstation or mat, or use an ESD strap. If an ESD workstation, mat, or strap is not available, ground yourself by touching the sheet-metal chassis *before* touching an ESD-sensitive part.

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

## Required tools

- #2 Phillips screwdriver with a magnetic tip and a 152-mm (6-inch) shaft length
- Small flat-blade screwdriver
- Needle-nose pliers
- ESD mat or ESD strap (if one is available)
- Penlight (optional)


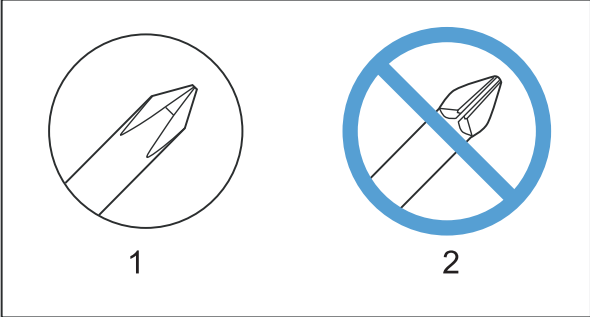
 **CAUTION:** Always use a Phillips screwdriver (callout 1). Do not use a pozidrive screwdriver (callout 2) or any motorized screwdriver. These can damage screws or screw threads.

Figure 1-1 Phillips and pozidrive screwdriver comparison


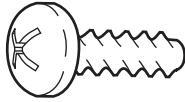

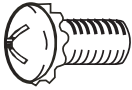
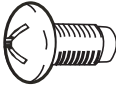


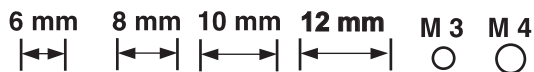
## Types of screws

**⚠ WARNING!** Make sure that components 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 product or interfere with product operation. Do not intermix screws that are removed from one component by using the screws that are removed from another component.

**📝 NOTE:** The screw illustrations in the following table are for reference only. Screws might vary in size and appearance from those shown in this table.

**Table 1-1 Common fasteners**

Example	Description	Size	Part Number
	Screw, with washer	M3X8	XA9-1420-000CN
		M4X6	XB2-7400-605CN
		M4X12	XA9-1422-000CN
	Screw, tapping, truss head	M4X10	XB4-7401-005CN
		M4X15	XB4-7401-609CN
	Screw, TP	M3X4	XB6-7300-405CN
		M3X6	XB6-7300-605CN
	Screw, D	M3X6	XA9-1670-000CN
		M3X8	XA9-1671-000CN
	Screw, machine	M3X4	XB6-7300-409CN
	Screw, machine, flat head	M3X4	XA9-0679-000CN
	Screw, machine, flanged pan head	M3X6	XB6-7300-805CN



# Service strategy

## Before performing service

- Remove all paper from the product.
- Turn off the power using the power switch.
- Unplug the power cable and interface cable or cables.
- 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.
- Remove the print cartridge.

## After performing service

- Plug in the power cable.
- Reinstall the print cartridge.
- Load paper in the product.

## Post-service test

Perform the following test to verify that the repair or replacement was successful.

### Print-quality test

1. Verify that you have completed the necessary reassembly steps.
2. Make sure that the tray contains clean, unmarked paper.
3. Attach the power cord and interface cable or interface cables, and then turn on the product.
4. Verify that the expected startup sounds occur.
5. Print a configuration page, and then verify that the expected printing sounds occur.
6. Print a demo page, and then verify that the print quality is as expected.
7. Send a print job from the host computer, and then verify that the output meets expectations.
8. Clean the outside of the product with a damp cloth.

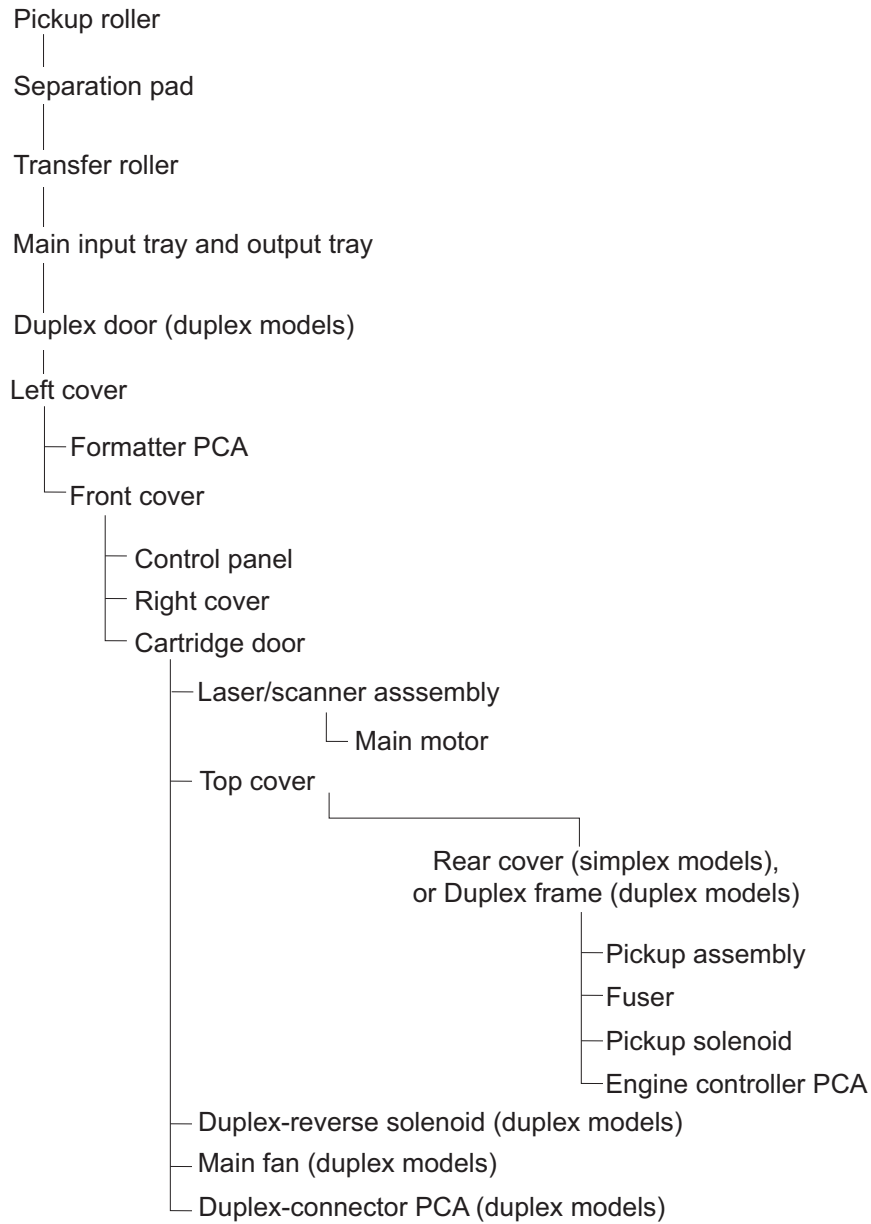
### Copy quality test

1. Verify that you have completed the necessary reassembly steps.
2. Perform steps 1-8 in test 1 to check basic print quality.
3. Place the configuration page in the document feeder.
4. Print a copy job, and then verify the results.
5. Clean the outside of the product by using a damp cloth.


# Parts removal order

## Parts removal order: product base

**Figure 1-2** Parts removal order: product base (all models)

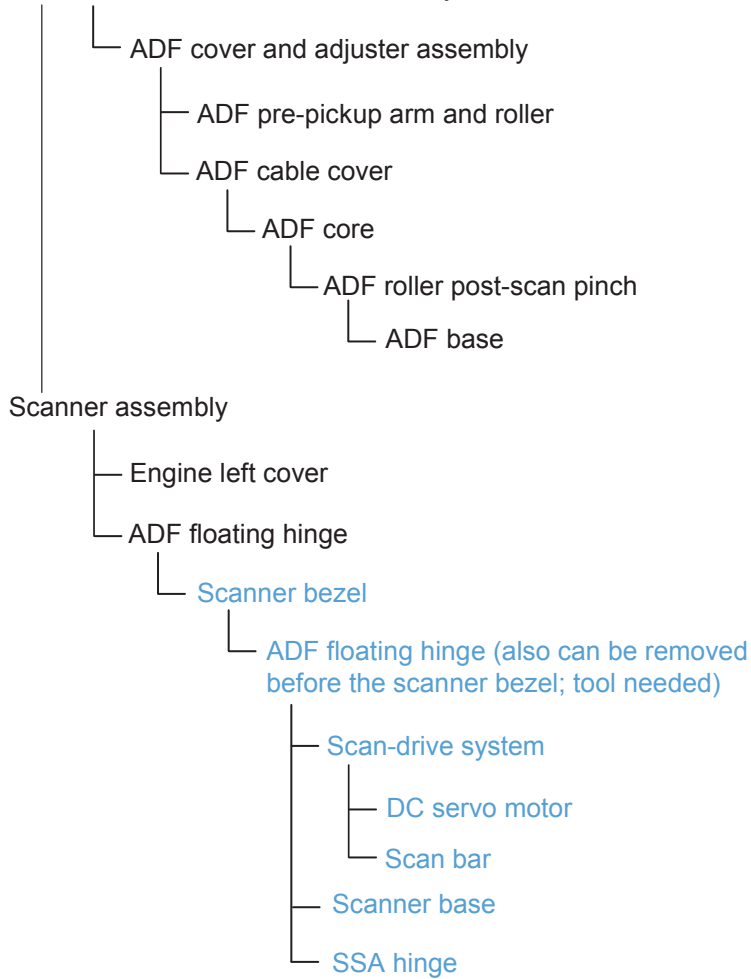


## Parts removal order: ADF and scanner (MFP models)

 **IMPORTANT:** In the following list, parts shown with blue text should be removed only in a clean-room environment.

**Figure 1-3** Parts removal order: ADF and scanner (MFP models)

Automatic document feeder assembly



# Removal and replacement procedures

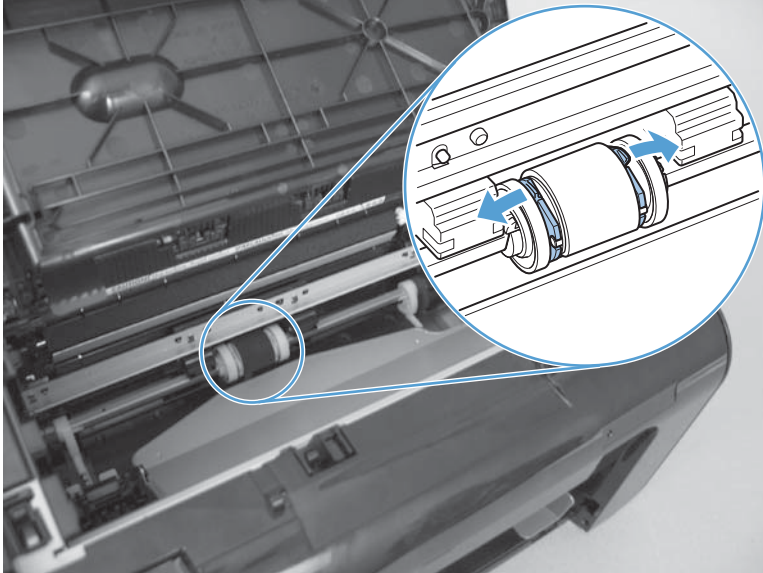
## Customer self repair (CSR) components

### Pickup roller

**⚠ CAUTION:** Do not touch the sponge portion of the roller. Skin oils can cause paper handling problems.

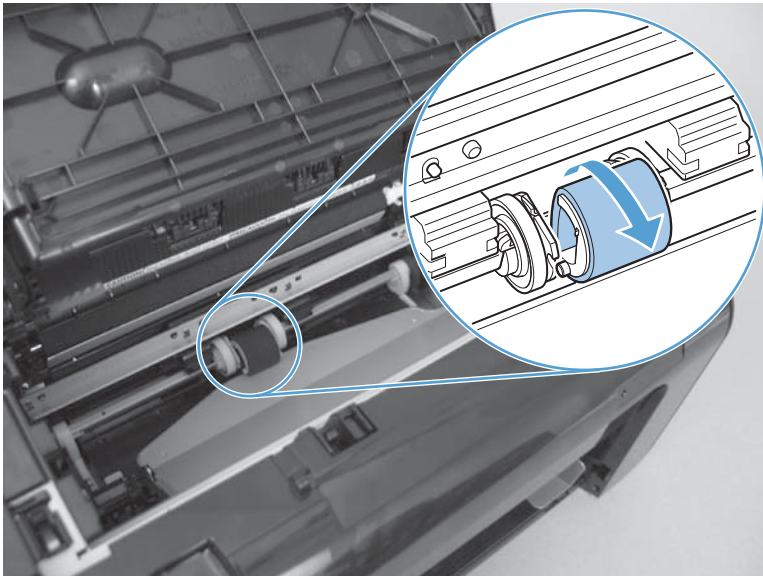
1. Release two tabs.

**Figure 1-4** Remove the pickup roller (1 of 2)



2. Rotate the roller away from the product to remove it.

**Figure 1-5** Remove the pickup roller (2 of 2)





## Separation pad

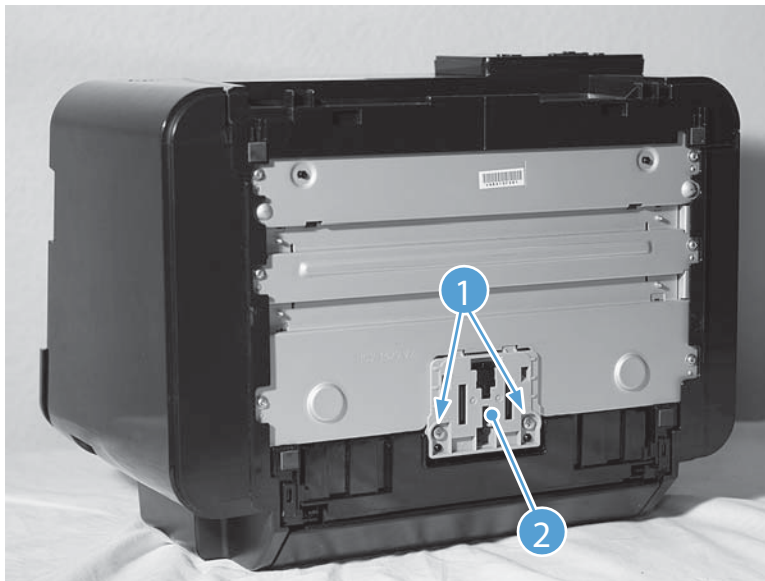
**⚠ CAUTION:** Do not touch the sponge portion of the pad. Skin oils can cause paper handling problems.

1. Place the product rear-side down to access the separation pad assembly.

**⚠ CAUTION:** Dirt and debris can scratch the product covers. Place the product on a cloth or other clean surface.

2. Remove two screws (callout 1) and then remove the separation pad assembly (callout 2).

**Figure 1-6** Remove the separation pad assembly



## External panels, covers, and doors: LaserJet Pro M201 and M202 series

### Parts identification and location: HP LaserJet Pro M201 and M202

Figure 1-7 Parts location: HP LaserJet Pro M201 and M202

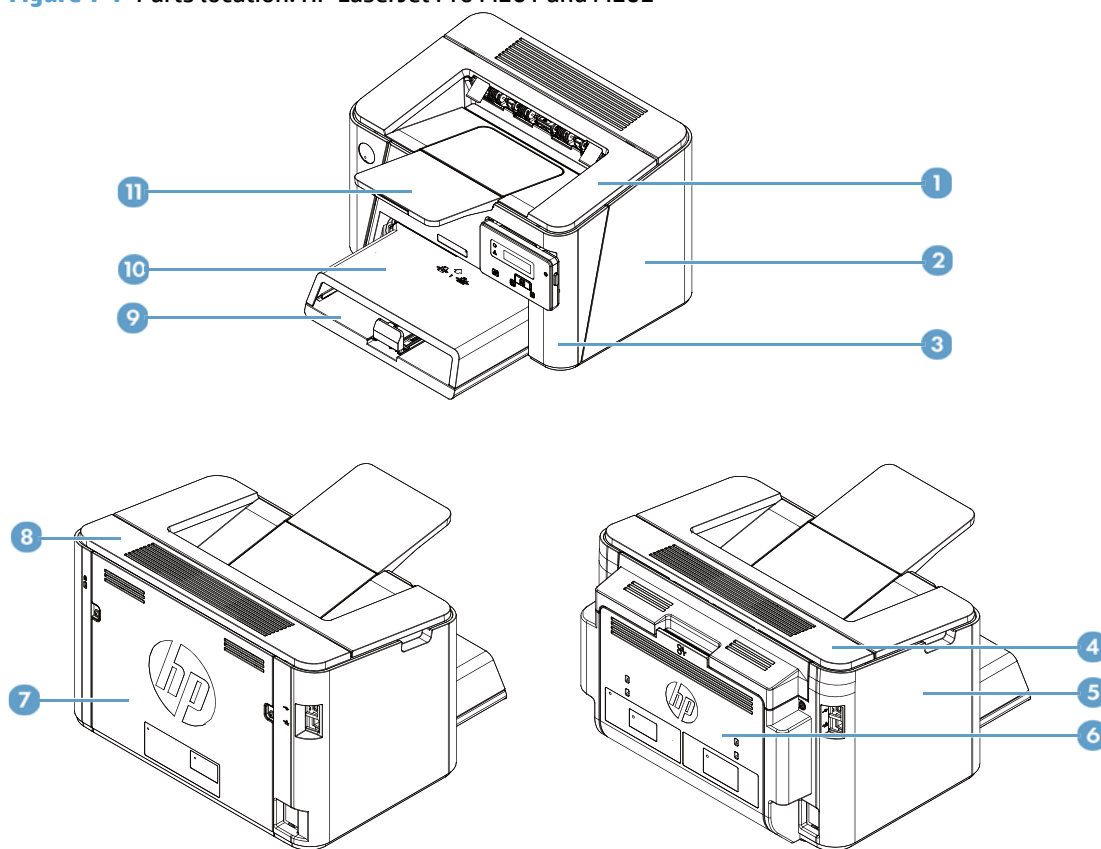


Table 1-2 Parts identification: HP LaserJet Pro M201 and M202

Item	Description
1	Cartridge door
2	Right cover
3	Front cover assembly
4	Top cover cap (duplex product only)
5	Left cover
6	Duplex door assembly (duplex product only)
7	Rear cover (simplex product only)
8	Top cover (simplex product only)
9	Input tray assembly
10	Dust cover
11	Output tray assembly

## Input and output tray assemblies

### Dust cover

Release two shafts (callout 1) and remove the dust cover (callout 2).

**Figure 1-8** Remove the dust cover (1 of 1)



### Input tray assembly

1. Remove the dust cover.
2. Pull the input tray assembly (callout 1) towards the front side of the printer and remove it.

**Figure 1-9** Remove the input tray assembly (1 of 1)



### Output tray assembly

Hold up the output tray assembly (callout 1) and remove it.

**Figure 1-10** Remove the output tray assembly (1 of 1)



### Left cover, duplex product

1. Open the cartridge door.
2. Open the duplex door assembly.
3. Remove one screw (callout 1).

**Figure 1-11** Remove the left cover, duplex product (1 of 2)



4. Release four tabs (callout 1) and remove the left cover (callout 2).

**Figure 1-12** Remove the left cover, duplex product (2 of 2)



### Left cover, simplex product

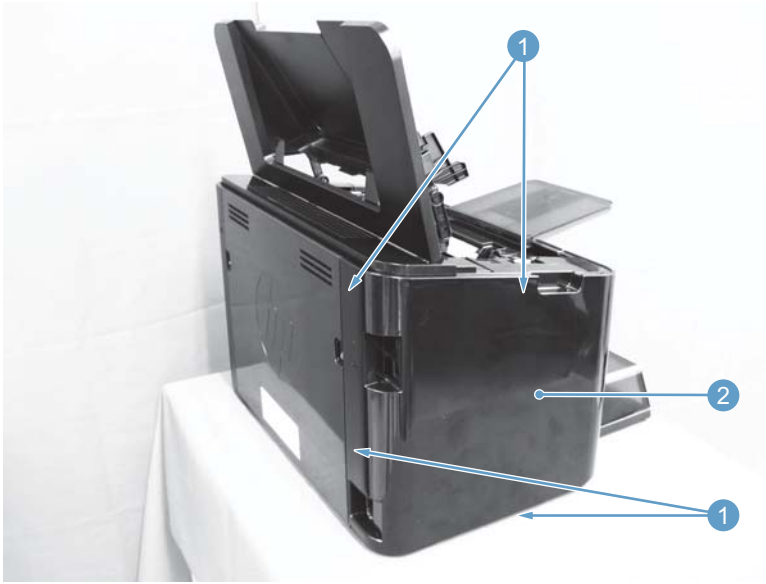
1. Open the cartridge door.
2. Remove one screw (callout 1).

**Figure 1-13** Remove the left cover, simplex product (1 of 2)



3. Release four tabs (callout 1) and remove the left cover (callout 2).

**Figure 1-14** Remove the left cover, simplex product (2 of 2)



### Top cover cap, duplex product

**Before proceeding, remove the following components:**

- Left cover. See [Left cover, duplex product on page 12](#).

### Remove the top cover cap, duplex product

- ▲ Slide the top cover cap (callout 1) towards the left side of the printer and remove it.

**Figure 1-15** Remove the top cover cap, duplex product (1 of 1)



## Front cover assembly

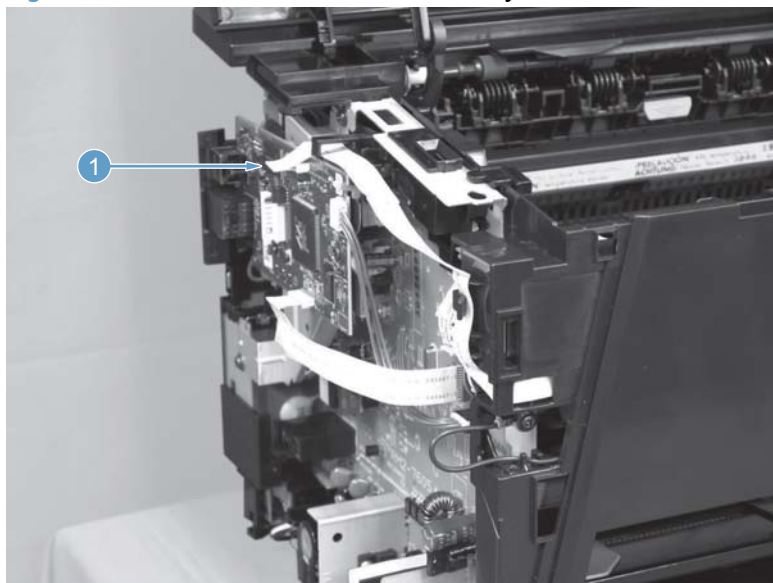
Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#).

### Remove the front cover assembly

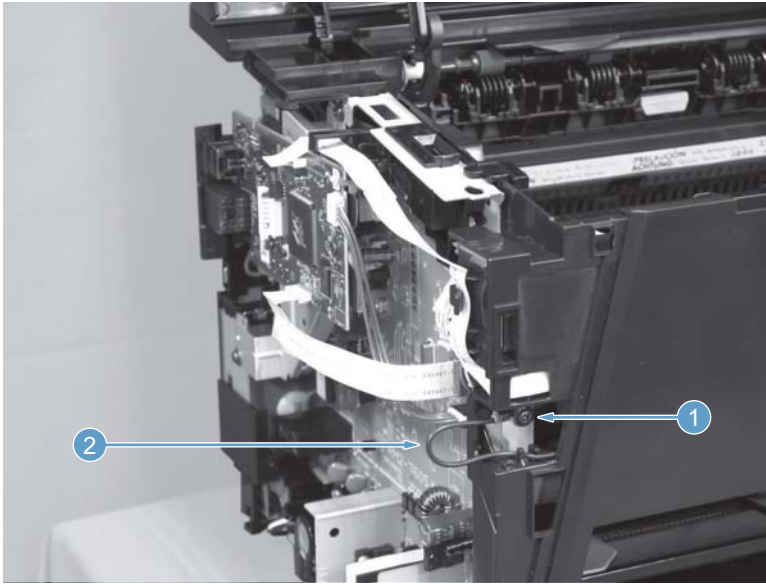
1. Disconnect the FFC (callout 1).

**Figure 1-16** Remove the front cover assembly (1 of 3)



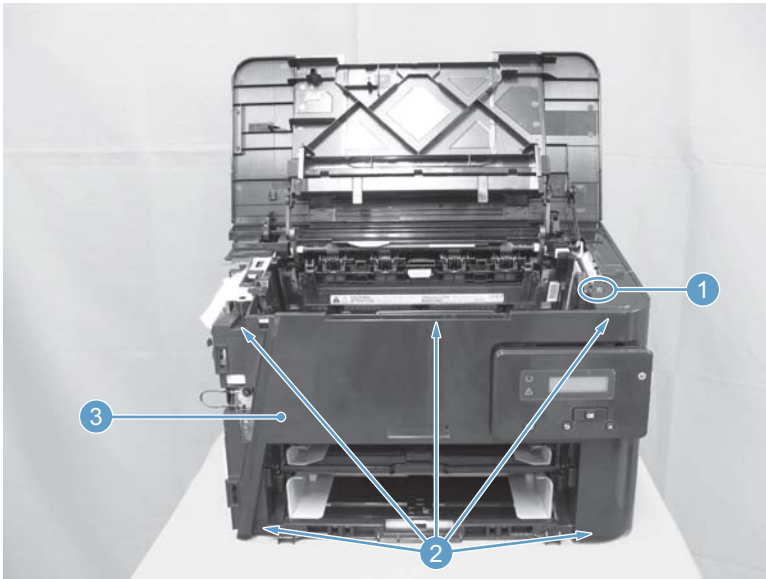
2. Remove one screw (callout 1) and the grounding cable (callout 2).

**Figure 1-17** Remove the front cover assembly (2 of 3)



3. Remove one screw (callout 1), then release five tabs (callout 2) and remove the front cover assembly (callout 3).

**Figure 1-18** Remove the front cover assembly (3 of 3)



## Right cover, duplex product

### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).



- Left cover. See [Left cover, duplex product on page 12](#).
- Front cover assembly. See [Front cover assembly on page 15](#).

### Remove the right cover, duplex product

1. Remove one screw (callout 1).

**Figure 1-19** Remove the right cover, duplex product (1 of 2)



2. Release five tabs (callout 1) and remove the right cover (callout 2).

**Figure 1-20** Remove the right cover, duplex product (2 of 2)



## Right cover, simplex product

Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, simplex product on page 13](#).
- Front cover assembly. See [Front cover assembly on page 15](#).

### Remove the right cover, simplex product

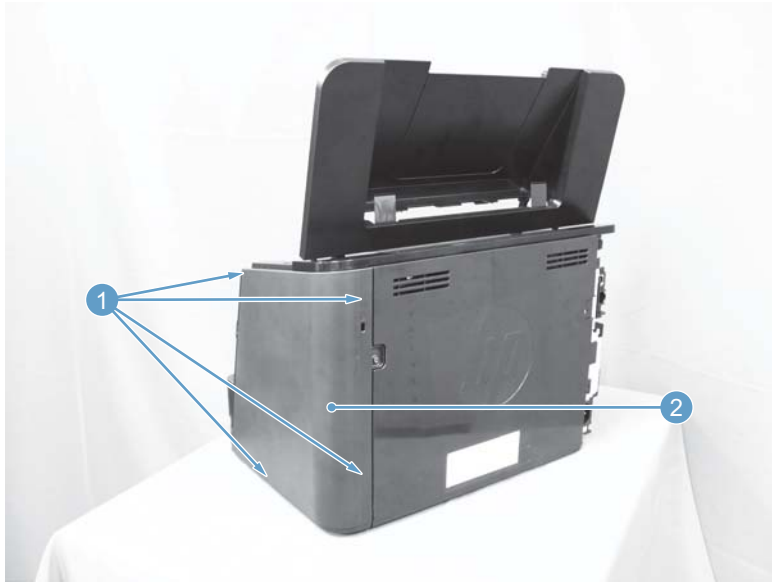
1. Remove one screw (callout 1).

**Figure 1-21** Remove the right cover, simplex product (1 of 2)



2. Release four tabs (callout 1) and remove the right cover (callout 2).

**Figure 1-22** Remove the right cover, simplex product (2 of 2)



## Duplex door and duplex frame, duplex product

### Duplex door, duplex product

Release two shafts (callout 1) and remove the duplex door ass'y (callout 2).

**Figure 1-23** Remove the duplex door assembly (1 of 1)



## Duplex frame, duplex product

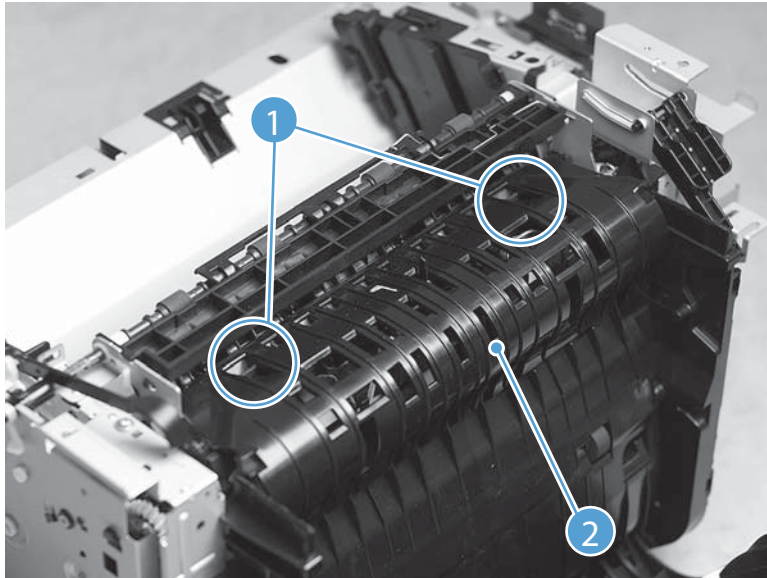
### Before proceeding, remove the following components:

- Left cover. See [Left cover, duplex product on page 12](#).
- Right cover. See [Right cover, duplex product on page 16](#).
- Top cover cap (duplex models). See [Top cover cap, duplex product on page 14](#).
- Duplex door. See [Duplex door, duplex product on page 20](#).

### Remove the duplex frame

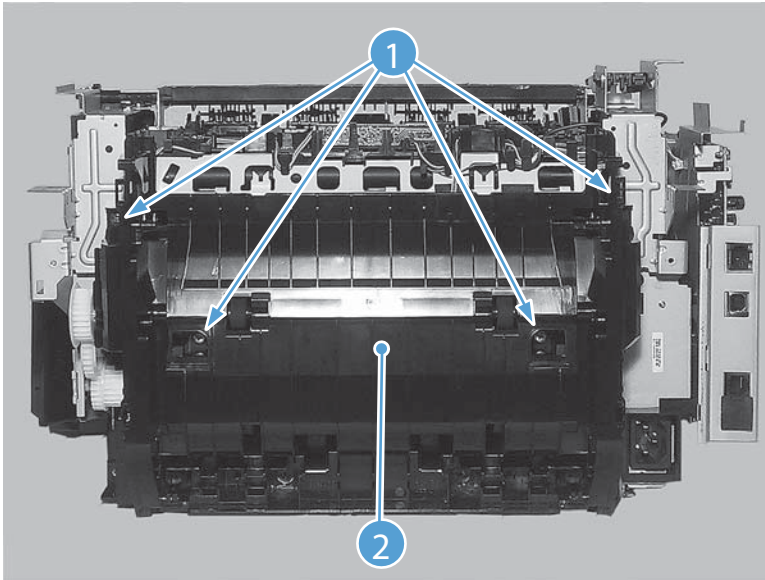
1. Release two tabs (callout 1), and then remove the duplex reverse guide (callout 2).

**Figure 1-24** Remove the duplex frame (1 of 2)



2. Remove four screws (callout 1), and then remove the duplex frame (callout 2).

**Figure 1-25** Remove the duplex frame (2 of 2)



## Rear cover, simplex product

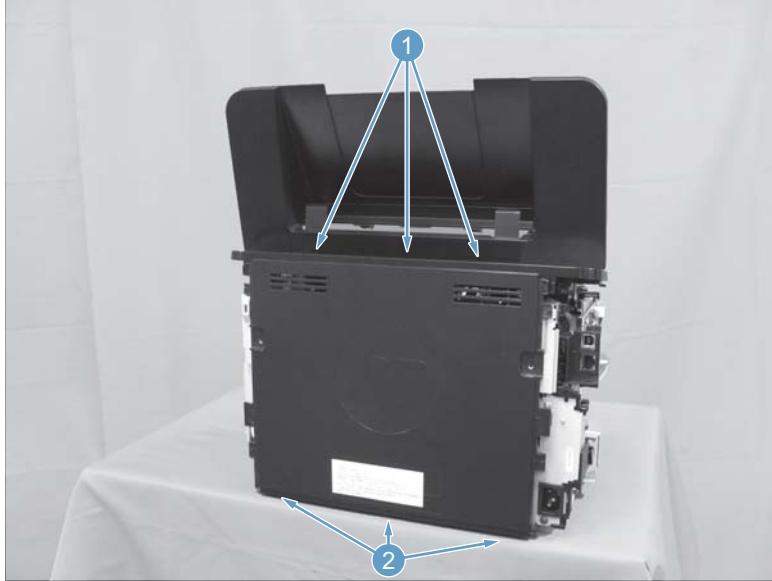
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, simplex product on page 13](#).
- Front cover assembly. See [Front cover assembly on page 15](#).
- Right cover. See [Right cover, simplex product on page 18](#).

### Remove the rear cover, simplex product

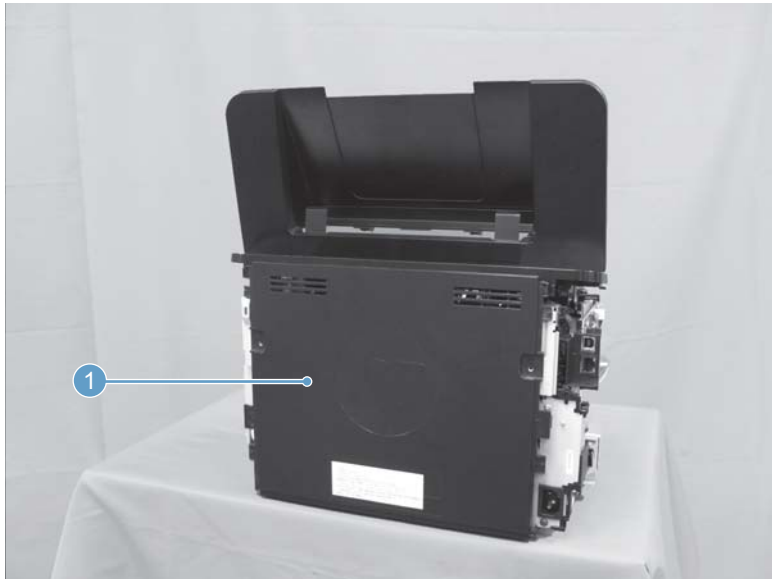
1. Release three tabs at the top of the cover (callout 1), and then release three tabs at the bottom of the cover (callout 2).

**Figure 1-26** Remove the rear cover, simplex product (1 of 2)



2. Remove the rear cover, simplex product (callout 1).

**Figure 1-27** Remove the rear cover, simplex product (2 of 2)



## Cartridge door, simplex product

**Before proceeding, remove the following components:**

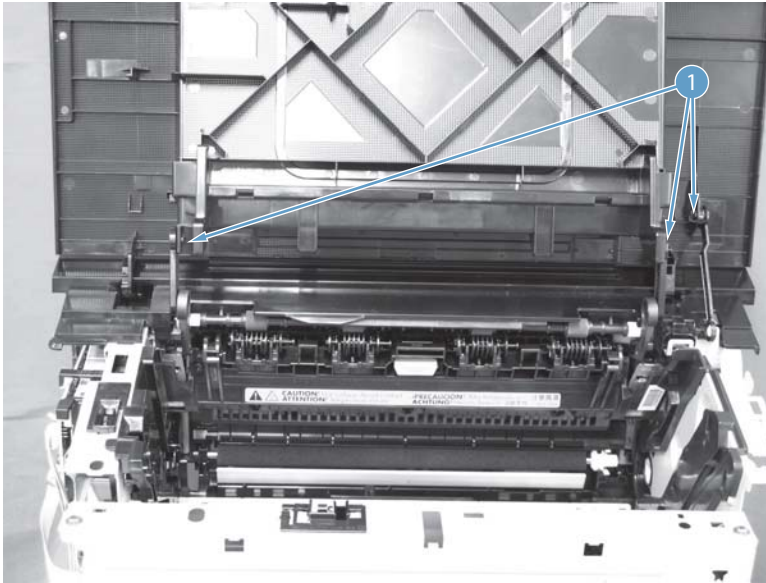
- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, simplex product on page 13](#).
- Front cover assembly. See [Front cover assembly on page 15](#).

- Right cover. See [Right cover, simplex product on page 18](#).
- Rear cover, simplex product. See [Rear cover, simplex product on page 22](#).

### Remove the cartridge door, simplex product

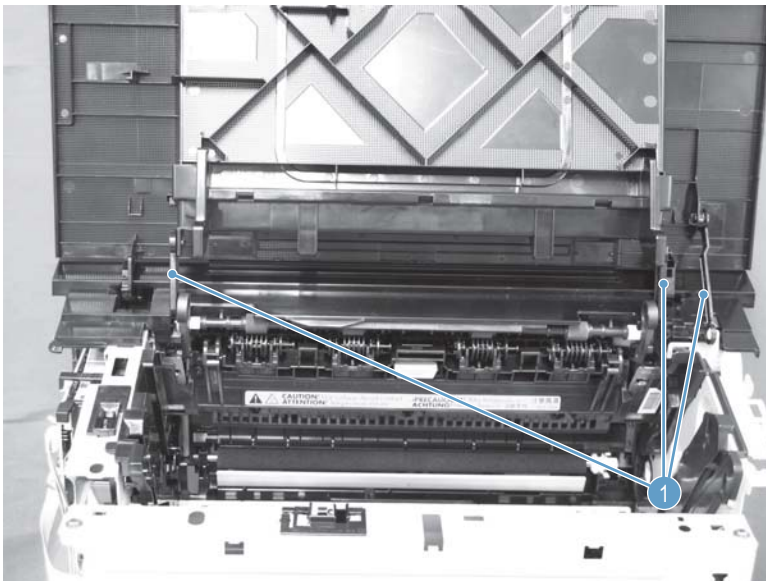
1. Release three tabs (callout 1).

**Figure 1-28** Remove the cartridge door, simplex product (1 of 5)



2. Release three link arms (callout 1).

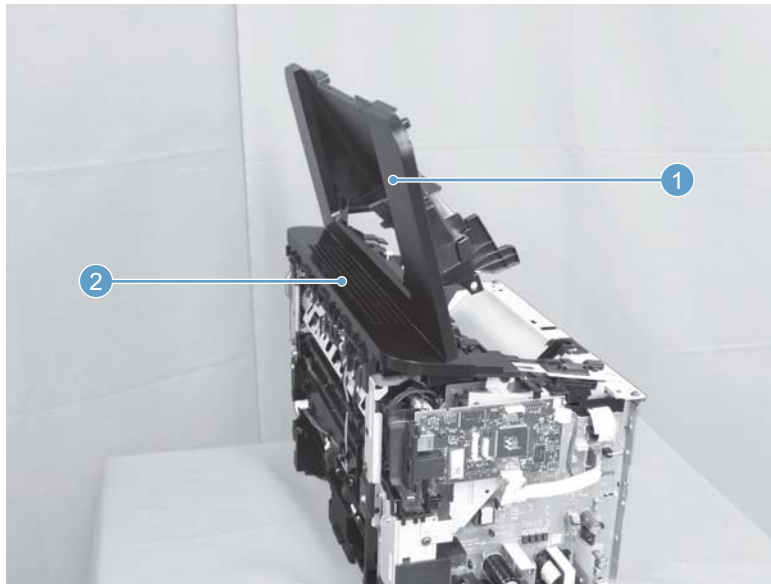
**Figure 1-29** Remove the cartridge door, simplex product (2 of 5)





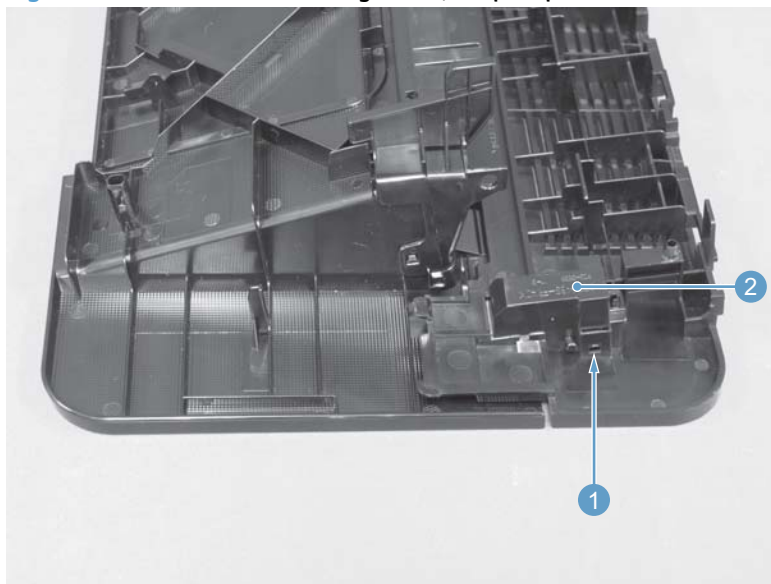
3. Remove the cartridge door (callout 1) and the top cover (callout 2) together.

**Figure 1-30** Remove the cartridge door, simplex product (3 of 5)



4. Release one tab (callout 1) and remove the cartridge shaft cover (callout 2).

**Figure 1-31** Remove the cartridge door, simplex product (4 of 5)



5. Release two shafts (callout 1) and remove the cartridge door from the top cover.

**Figure 1-32** Remove the cartridge door, simplex product (5 of 5)



### Top cover, simplex product

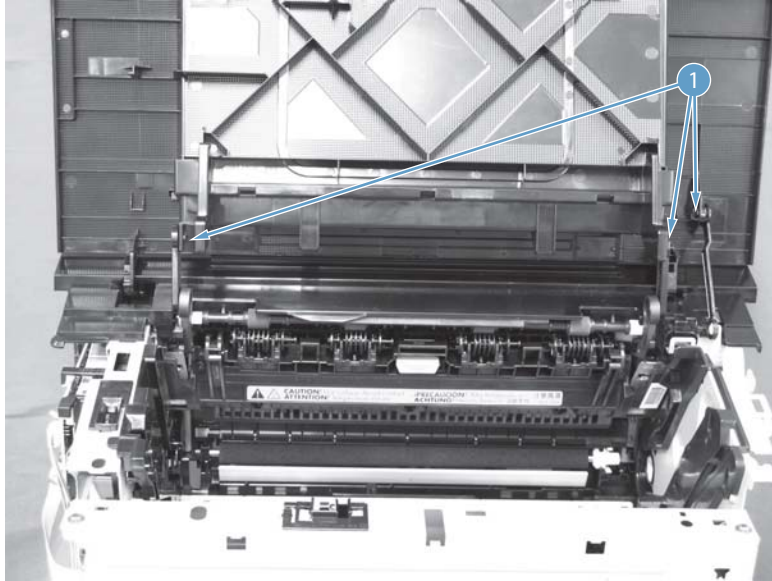
#### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, simplex product on page 13](#).
- Front cover assembly. See [Front cover assembly on page 15](#).
- Right cover. See [Right cover, simplex product on page 18](#).
- Rear cover, simplex product. See [Rear cover, simplex product on page 22](#).

#### Remove the cartridge door, simplex product

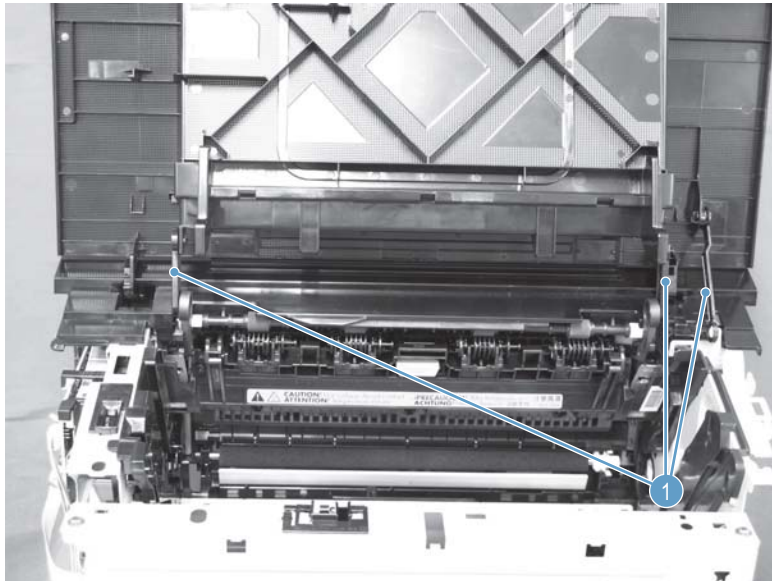
1. Release three tabs (callout 1).

**Figure 1-33** Remove the cartridge door, simplex product (1 of 5)



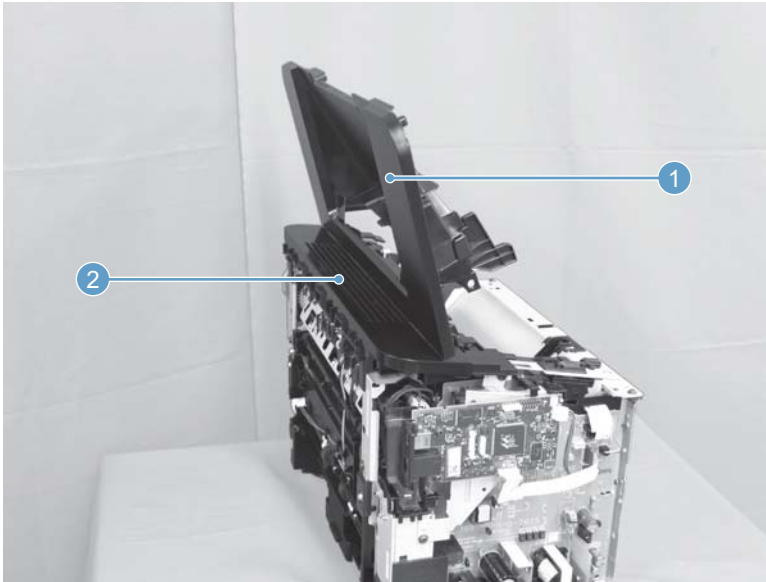
2. Release three link arms (callout 1).

**Figure 1-34** Remove the cartridge door, simplex product (2 of 5)



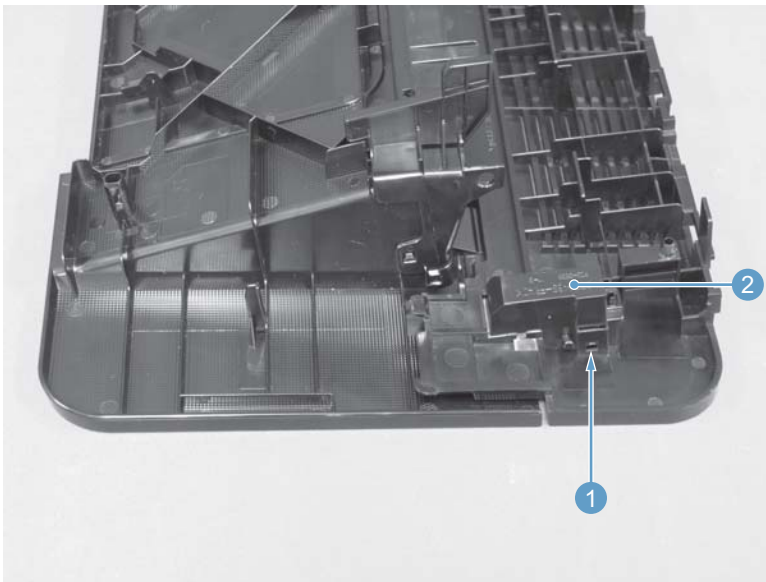
3. Remove the cartridge door (callout 1) and the top cover (callout 2) together.

**Figure 1-35** Remove the cartridge door, simplex product (3 of 5)



4. Release one tab (callout 1) and remove the cartridge shaft cover (callout 2).

**Figure 1-36** Remove the cartridge door, simplex product (4 of 5)



5. Release two shafts (callout 1) and remove the top cover from the cartridge door.

**Figure 1-37** Remove the cartridge door, simplex product (5 of 5)



### Cartridge door, duplex product

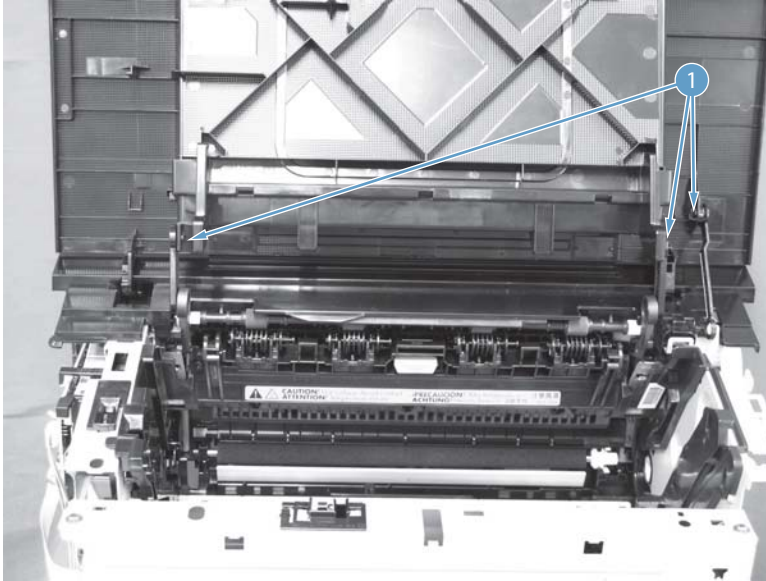
**Before proceeding, remove the following components:**

- Dust cover. See [Dust cover on page 11](#)
- Input tray assembly. See [Input tray assembly on page 11](#).
- Output tray assembly. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, duplex product on page 12](#).
- Front cover assembly. See [Front cover assembly on page 15](#).
- Right cover. See [Right cover, duplex product on page 16](#).
- Top cover cap, duplex product. See [Top cover cap, duplex product on page 14](#).

### Remove the cartridge door, duplex product

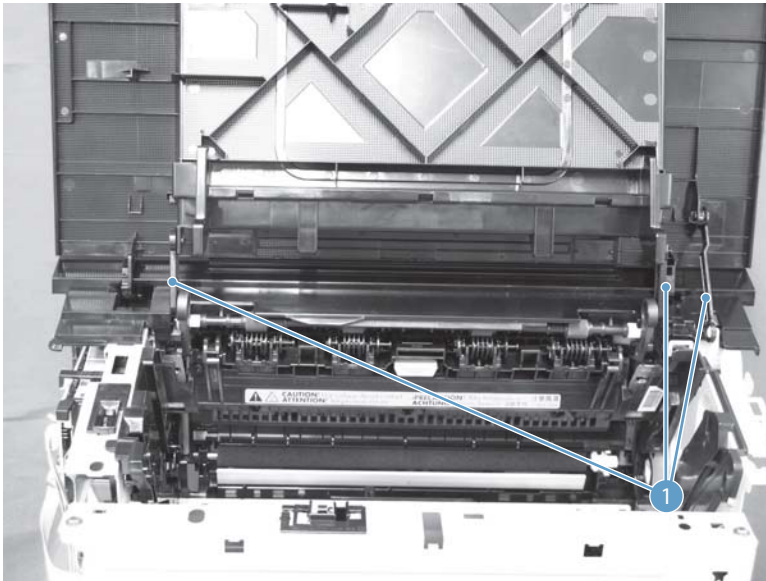
1. Release three tabs (callout 1).

**Figure 1-38** Remove the cartridge door, duplex product (1 of 5)



2. Release three link arms (callout 1).

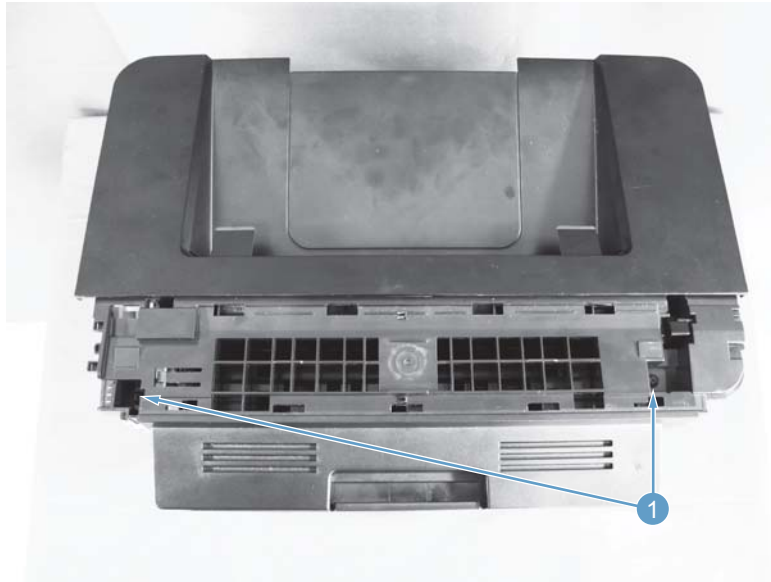
**Figure 1-39** Remove the cartridge door, duplex product (2 of 5)





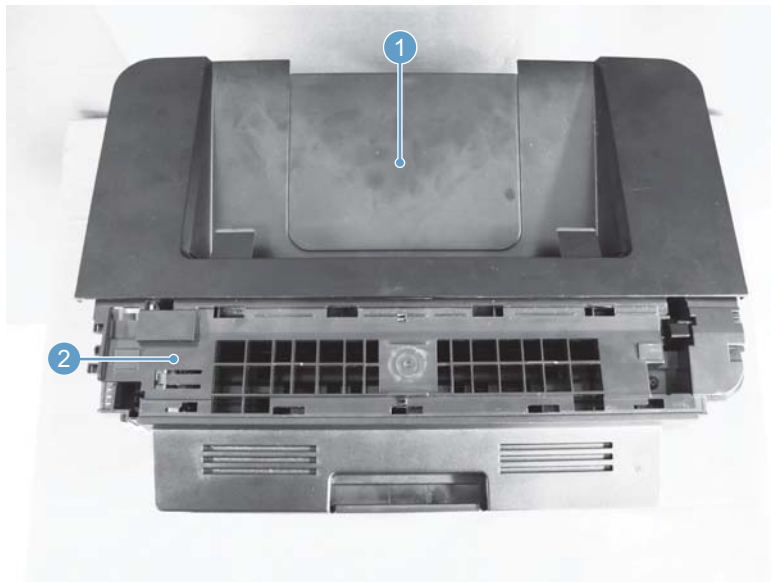
3. Remove two screws (callout 1).

**Figure 1-40** Remove the cartridge door, duplex product (3 of 5)



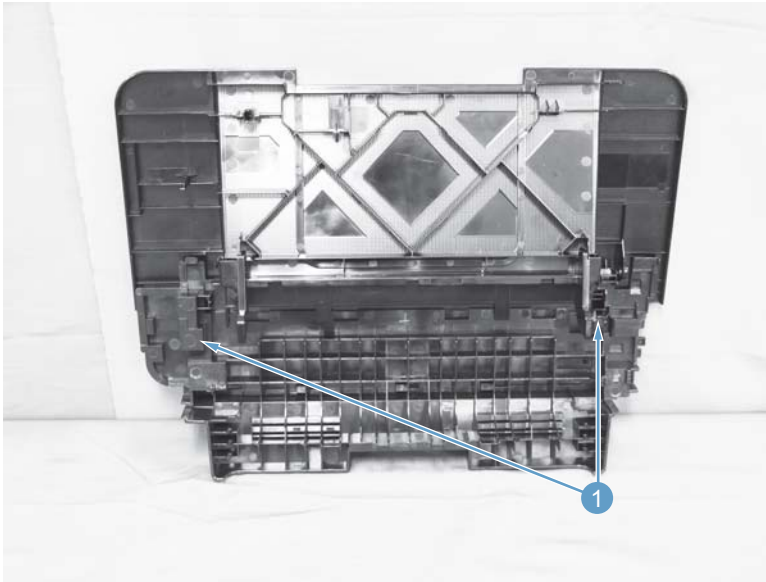
4. Remove the cartridge door (callout 1) and the top cover (callout 2) together.

**Figure 1-41** Remove the cartridge door, duplex product (4 of 5)



5. Release two shafts (callout 1) and remove the cartridge door from the top cover.

**Figure 1-42** Remove the cartridge door, duplex product (5 of 5)





## Top cover

Before proceeding, remove the following components:

- Main-input tray. See [Input tray assembly on page 11](#).
- Output bin tray extension. See [Output tray assembly on page 11](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, duplex product on page 12](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#).
- Cartridge door. See [Cartridge door, duplex product on page 29](#) or [Cartridge door, simplex product on page 23](#).
- Front cover. See [Front cover assembly on page 15](#).

### Remove the top cover

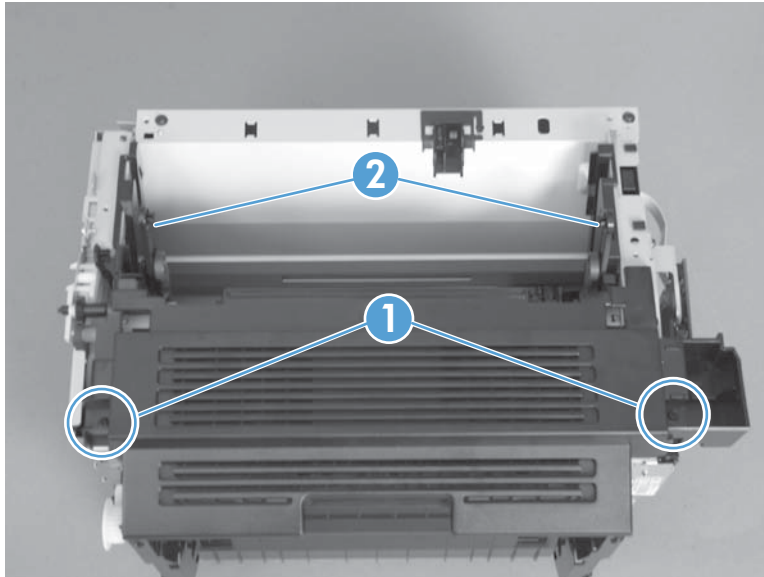
1. Remove two screws (callout 1).

---

**⚠ CAUTION:** The upper-cartridge door arms (callout 2) can become easily be dislodged from the lower arms. Do not lose the upper-cartridge door arms while servicing the product.

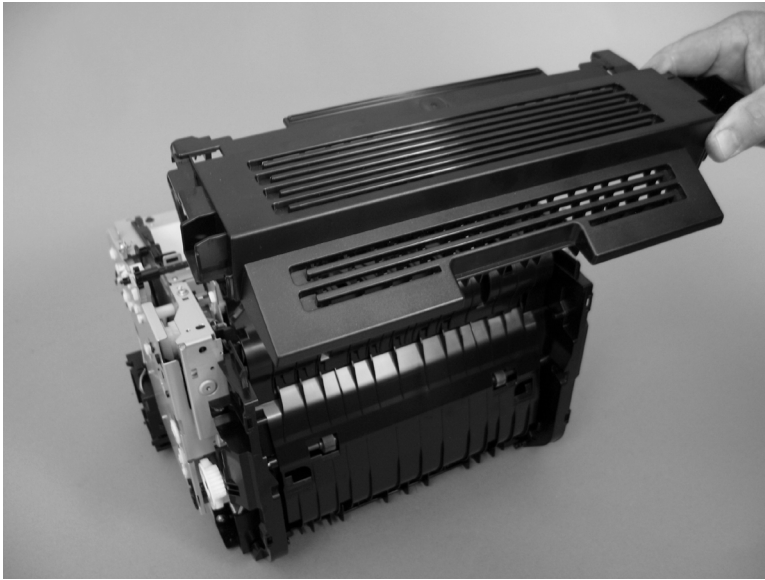
---

**Figure 1-43** Remove the top cover (1 of 2)



2. Lift the cover up and off the product to remove it.

**Figure 1-44** Remove the top cover (2 of 2)



## External panels, covers, and doors: LaserJet Pro MFP M225 and M226 series

### Parts identification and location: LaserJet Pro MFP M225, M226

Figure 1-45 Parts location: LaserJet Pro MFP M225, M226

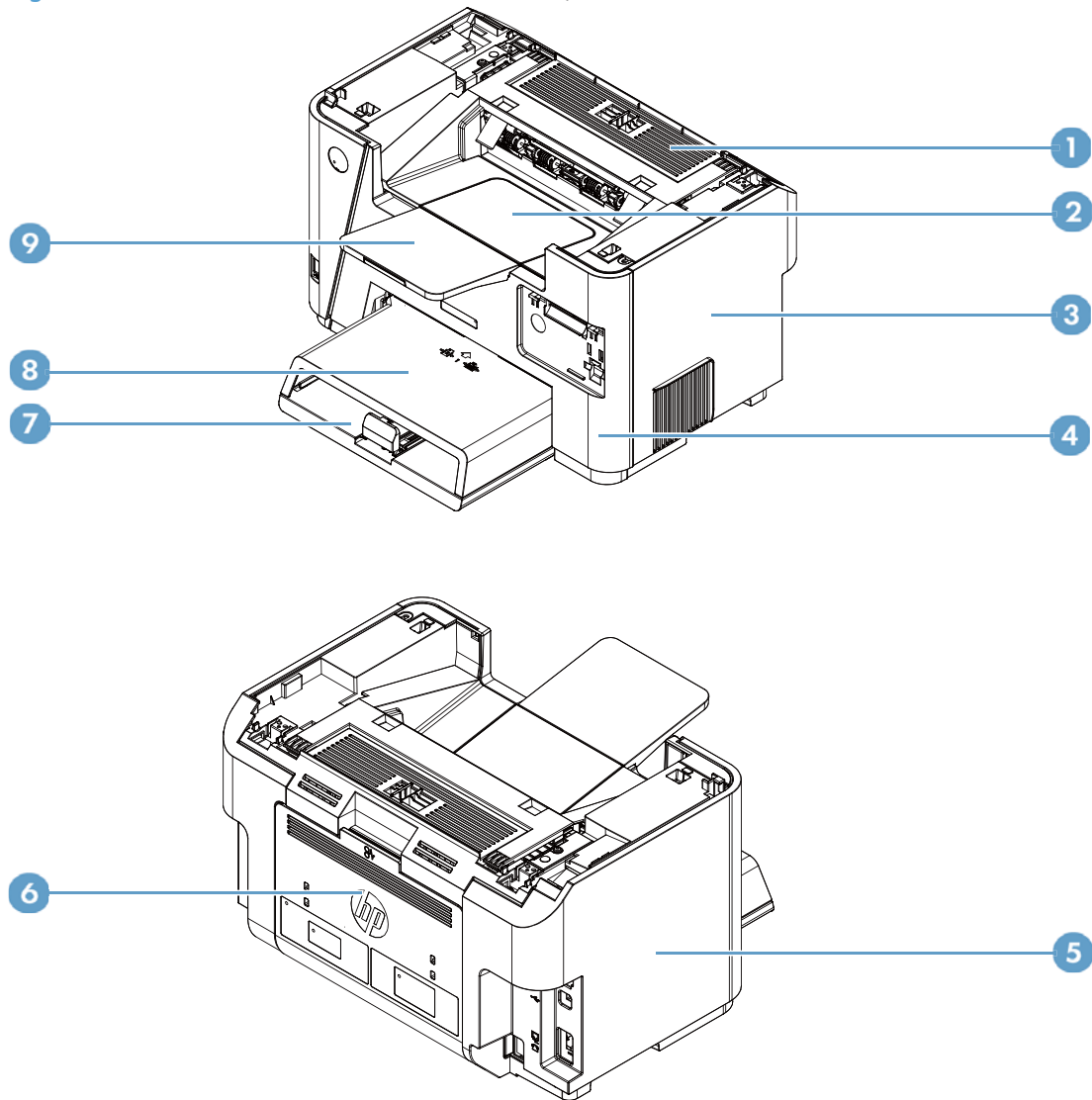


Table 1-3 Parts identification: LaserJet Pro MFP M225, M226

Item	Description
1	Top cover
2	Cartridge door
3	Right cover
4	Front cover assembly
5	Left cover
6	Duplex door assembly
7	Input tray assembly

**Table 1-3 Parts identification: LaserJet Pro MFP M225, M226 (continued)**

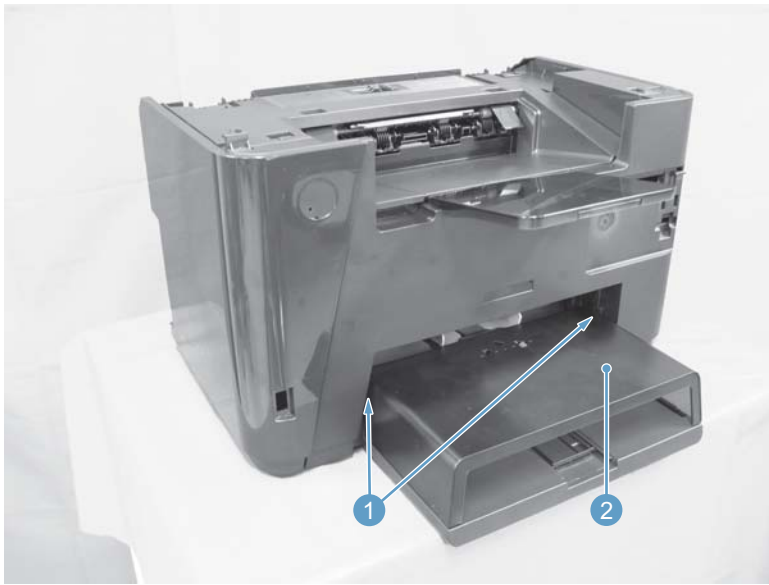
Item	Description
8	Dust cover
9	Output tray assembly
Not shown	Scanner/ADF assembly

## Input and output tray assemblies (all models)

### Dust cover

Release two shafts (callout 1) and remove the dust cover (callout 2).

**Figure 1-46** Remove the dust cover (1 of 1)



### Input tray assembly

1. Remove the dust cover.
2. Pull the input tray assembly (callout 1) towards the front side of the printer and remove it.

**Figure 1-47** Remove the input tray assembly (1 of 1)



### Output tray assembly

Hold up the output tray assembly (callout 1) and remove it.

**Figure 1-48** Remove the output tray assembly (1 of 1)

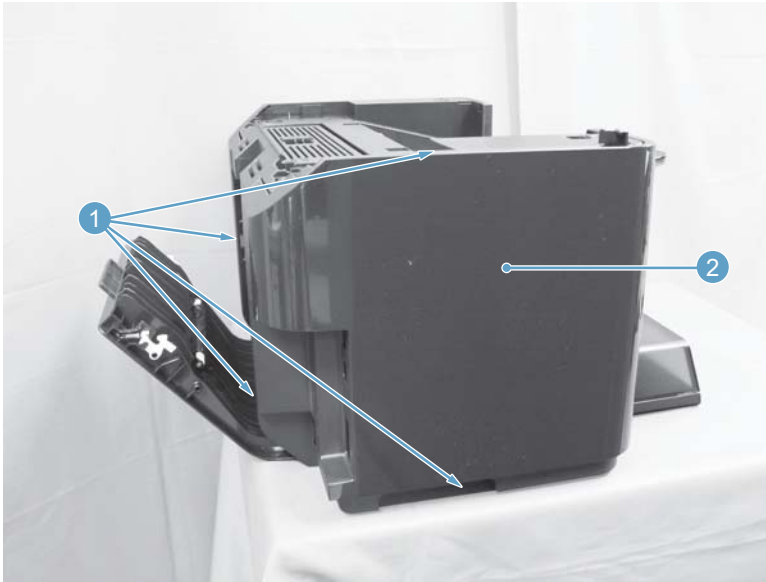


### Left cover

1. Open the duplex door assembly.

2. Release four tabs (callout 1) and remove the left cover (callout 2).

**Figure 1-49** Remove the left cover (1 of 1)



## Front cover assembly

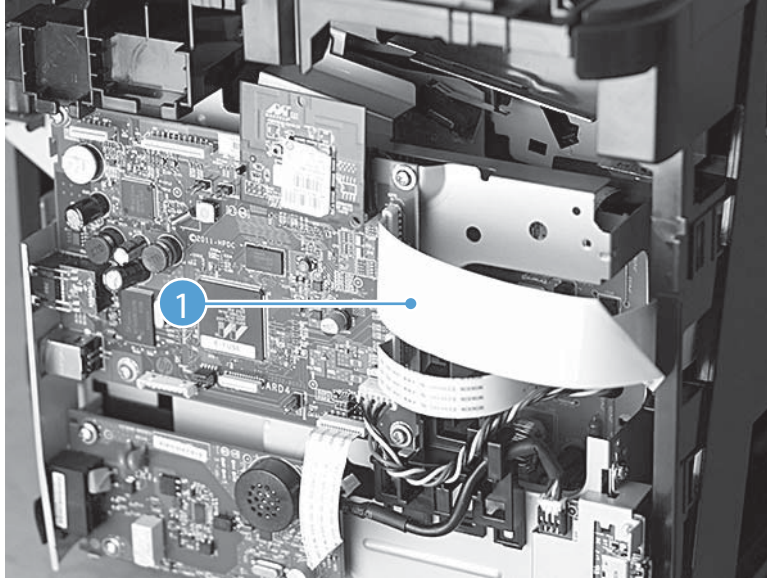
**Before proceeding, remove the following components:**

- Dust cover. See [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 37](#).
- Left cover. See [Left cover on page 37](#).

## Remove the front cover assembly

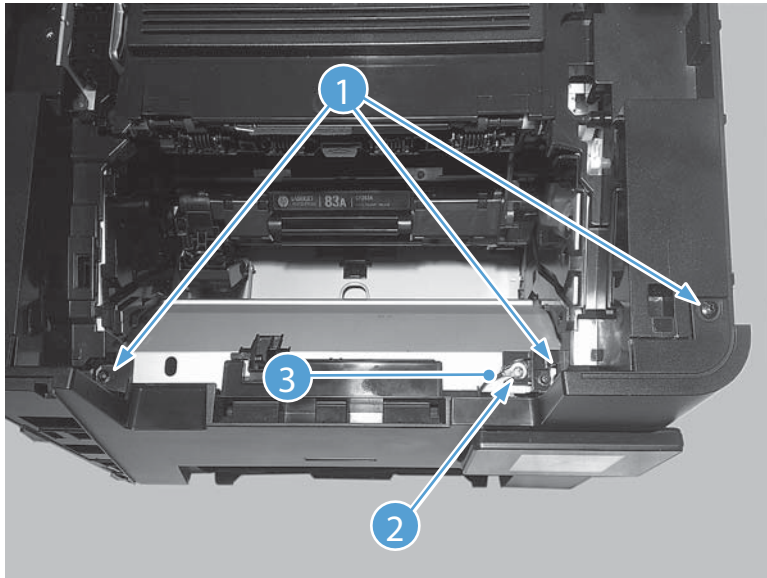
1. Disconnect one FFC (callout 1) from the formatter.

**Figure 1-50** Remove the front cover (1 of 3)



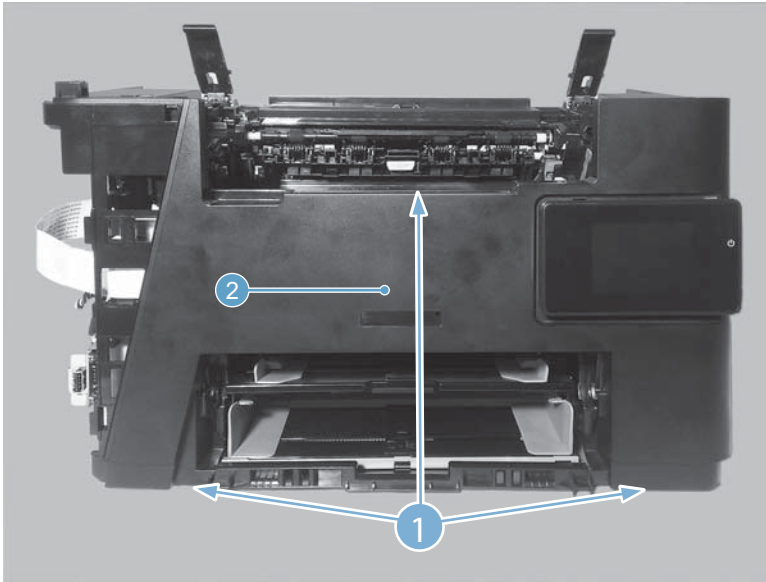
2. Remove three screws (callout 1), and then remove one screw (callout 2) to release the ground strap (callout 3).

**Figure 1-51** Remove the front cover (2 of 3)



3. Release three tabs (callout 1), and then remove the front cover (callout 2).

**Figure 1-52** Remove the front cover (3 of 3)



## Right cover

**Before proceeding, remove the following components:**

- Dust cover. See [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 37](#).
- Left cover. See [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 38](#).

## Remove the right cover assembly

1. Remove one screw (callout 1).

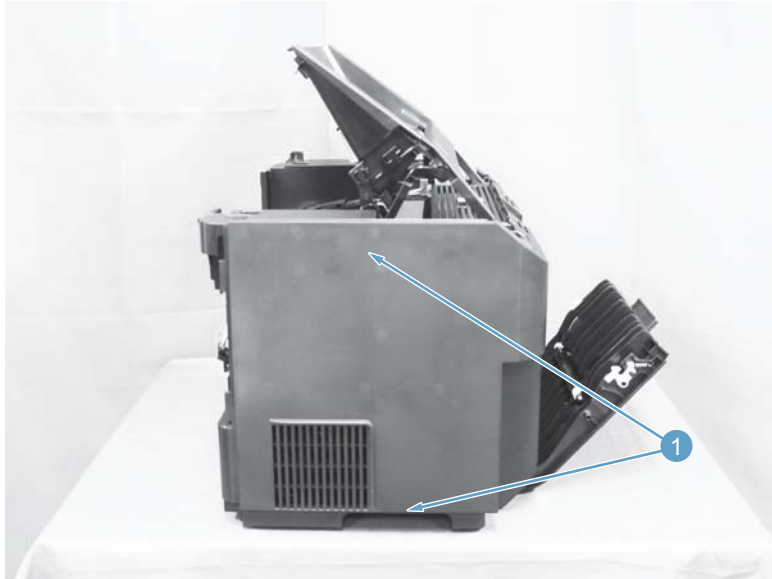


**Figure 1-53** Remove the right cover (1 of 3)



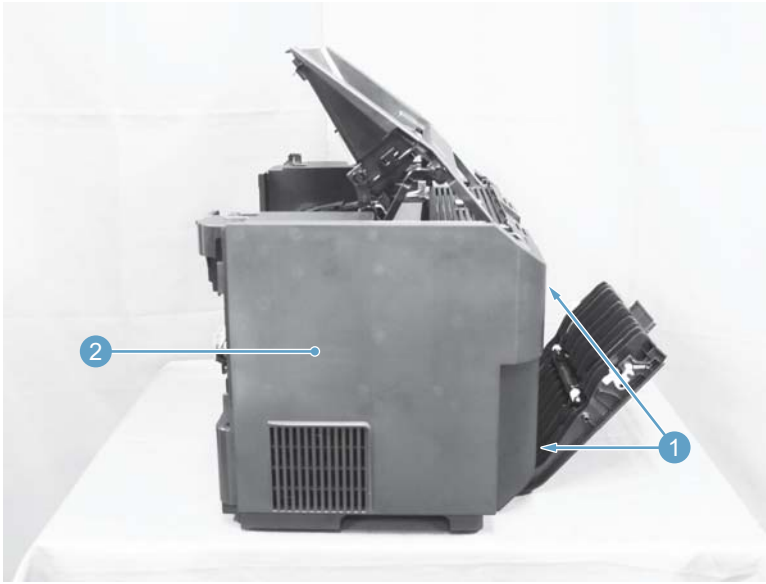
2. Release two tabs on the side of the product (callout 1).

**Figure 1-54** Remove the right cover (2 of 3)



3. Release two tabs (callout 1) and remove the right cover (callout 2).

**Figure 1-55** Remove the right cover (3 of 3)



## Scanner assembly

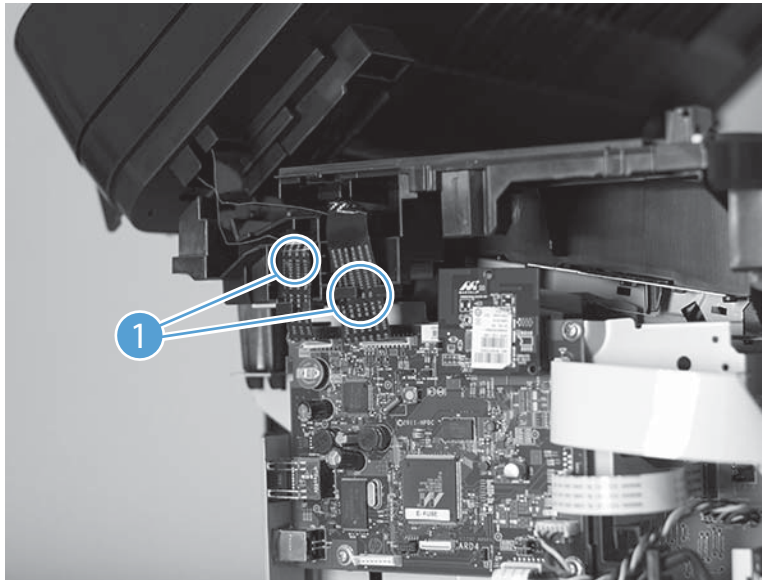
Before proceeding, remove the following component:

- Left cover. See [Left cover on page 37](#).

### Remove the scanner assembly

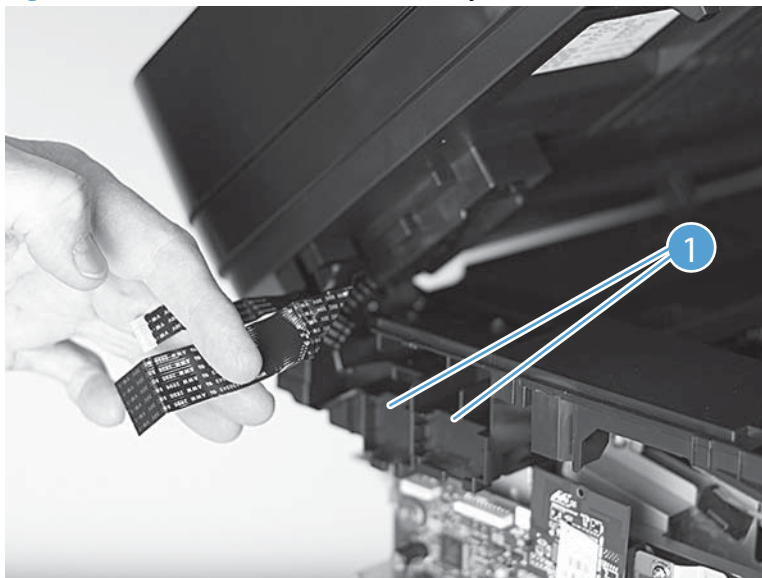
1. Disconnect two FFCs (callout 1).

**Figure 1-56** Remove the scanner assembly (1 of 4)



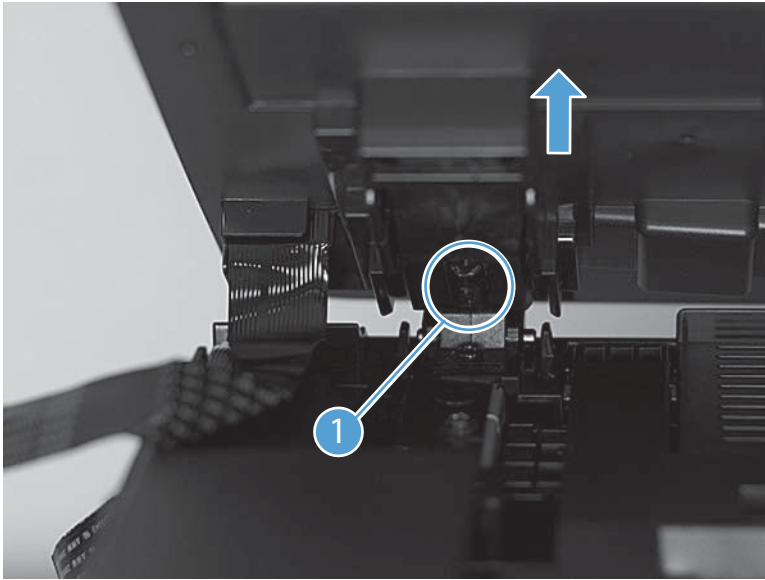
2. Carefully remove the two FFCs from the guides (callout 1).

**Figure 1-57** Remove the scanner assembly (2 of 4)



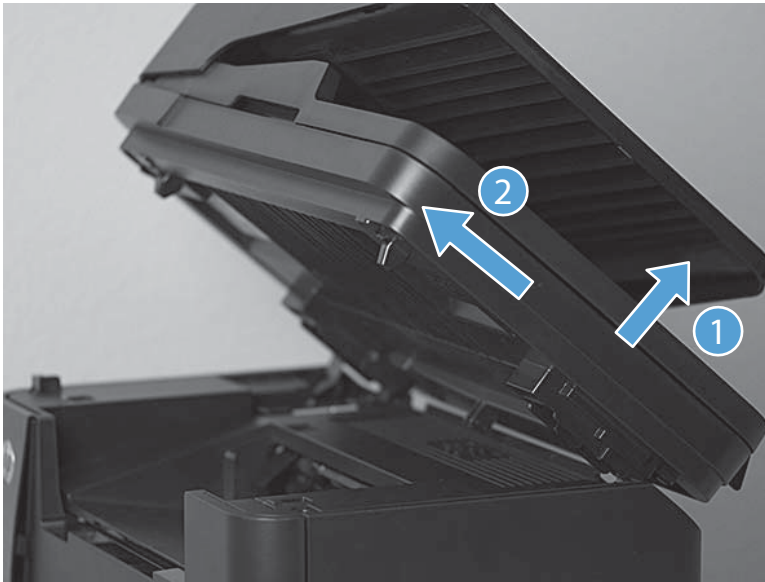
3. Release the tab inside each hinge (callout 1) to enable the scanner assembly to slide on the hinges.

**Figure 1-58** Remove the scanner assembly (3 of 4)



4. Lift the scanner assembly up (arrow 1) and away from the hinges (arrow 2).

**Figure 1-59** Remove the scanner assembly (4 of 4)



## Scanner hinges

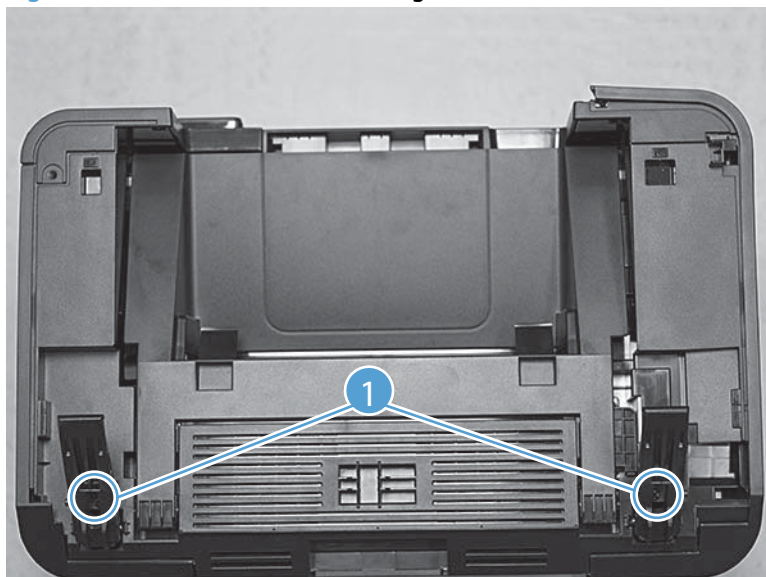
Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 37](#).
- Left cover. See [Left cover on page 37](#).
- Scanner assembly. See [Scanner assembly on page 43](#).

### Remove the scanner hinges

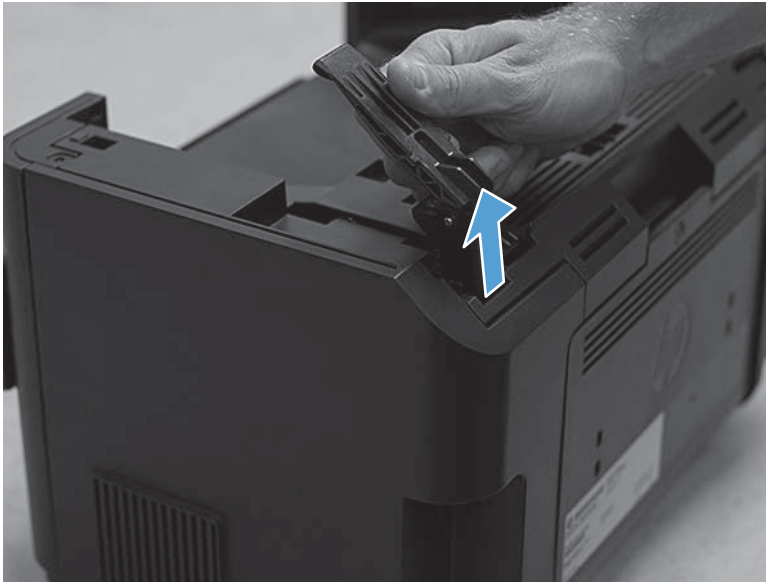
1. Remove one screw (callout 1) from each hinge.

**Figure 1-60** Remove the scanner hinges (1 of 2)



2. Lift each hinge up to remove it.

**Figure 1-61** Remove the scanner hinges (2 of 2)

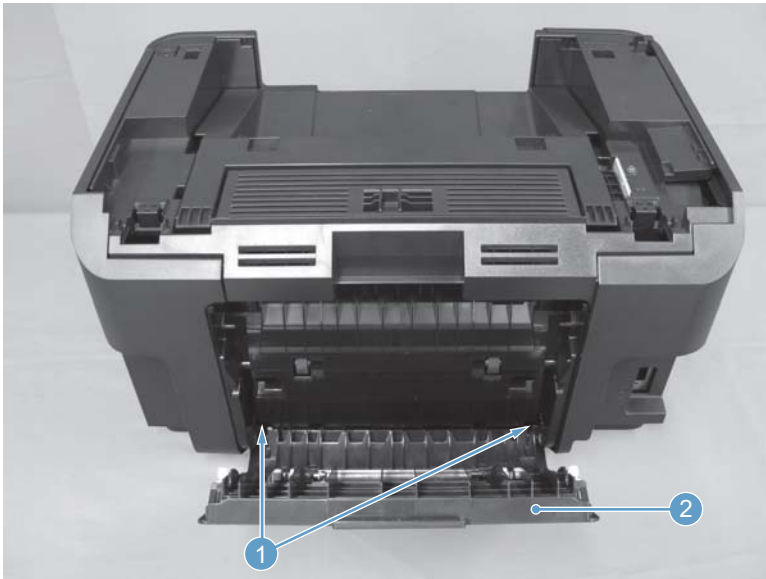


## Duplex door and duplex frame

### Duplex door

- ▲ Release two shafts (callout 1) and remove the duplex door ass'y (callout 2).

**Figure 1-62** Remove the duplex door assembly (1 of 1)



## Duplex frame

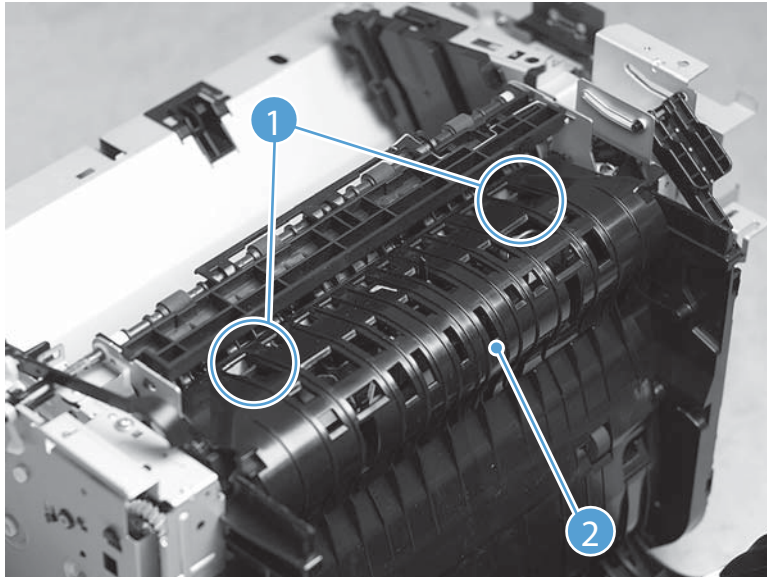
### Before proceeding, remove the following components:

- Left cover. See [Left cover on page 37](#).
- Right cover. See [Right cover on page 40](#).
- Scanner assembly. See [Scanner assembly on page 43](#).
- Top cover cap. See [Top cover cap on page 50](#).
- Duplex door. See [Duplex door on page 46](#).

### Remove the duplex frame

1. Release two tabs (callout 1), and then remove the duplex reverse guide (callout 2).

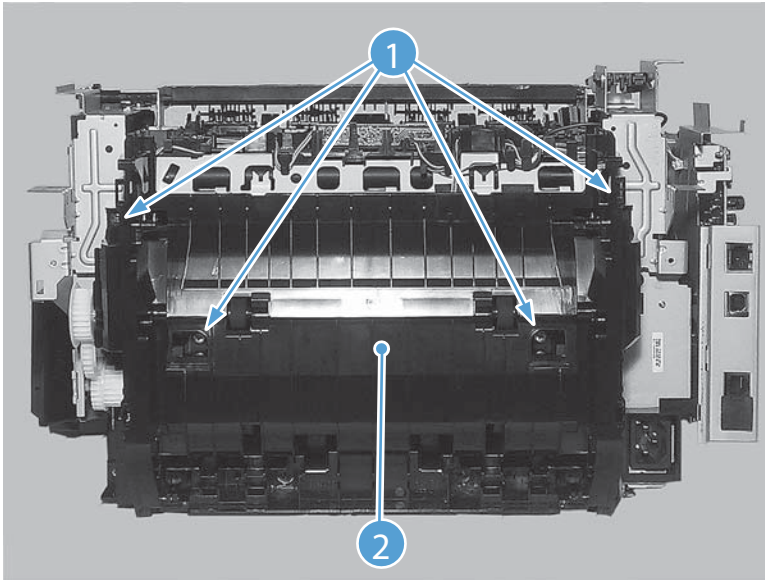
**Figure 1-63** Remove the duplex frame (1 of 2)





2. Remove four screws (callout 1), and then remove the duplex frame (callout 2).

**Figure 1-64** Remove the duplex frame (2 of 2)



## Cartridge door

### Before proceeding, remove the following components:

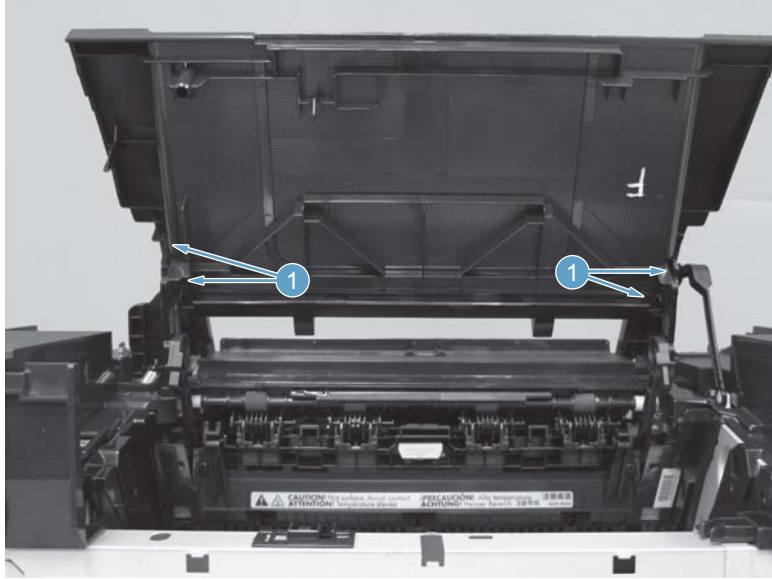
- Dust cover. See [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 37](#).
- Left cover. See [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 38](#).
- Right cover. See [Right cover on page 40](#).
- Top cover. See [Top cover cap on page 50](#).

### Remove the cartridge door

1. Release four tabs (callout 1).



**Figure 1-65** Remove the cartridge door (1 of 3)



2. Release two link arms on the left side (callout 1) and two link arms on the right side (callout 2).

**Figure 1-66** Remove the cartridge door (2 of 3)



3. Remove the cartridge door (callout 1).

**Figure 1-67** Remove the cartridge door (3 of 3)



## Top cover cap

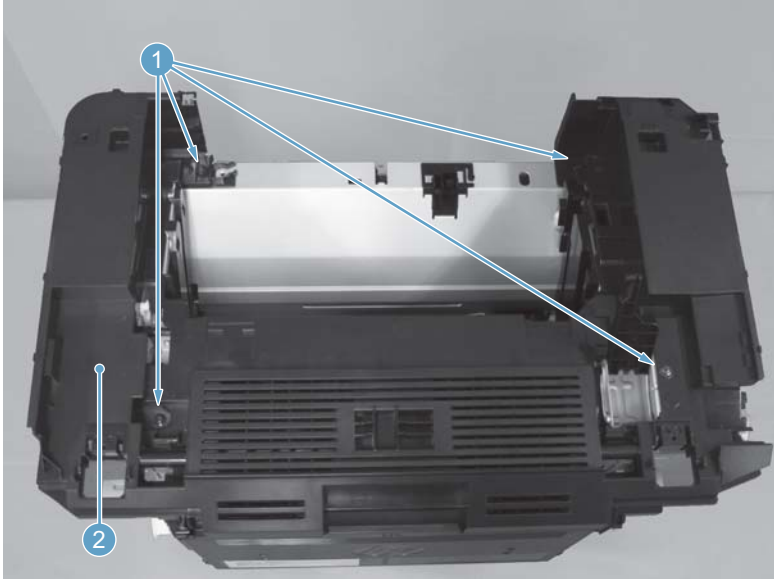
**Before proceeding, remove the following components:**

- Dust cover. See [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 37](#).
- Left cover. See [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 38](#).
- Right cover. See [Right cover on page 40](#).
- Cartridge door. See [Cartridge door on page 48](#).

## Remove the top cover cap

- ▲ Remove four screws (callout 1) and the top cover (callout 2).

**Figure 1-68** Remove the top cover (1 of 1)



## Top cover

### Before proceeding, remove the following components:

- Main-input tray. See [Input tray assembly on page 36](#).
- Output bin tray extension. See [Output tray assembly on page 37](#).
- Left cover. See [Left cover on page 37](#).
- Front cover. See [Front cover assembly on page 38](#).
- Right cover. See [Right cover on page 40](#).
- Cartridge door. See [Cartridge door on page 48](#).

### Remove the top cover

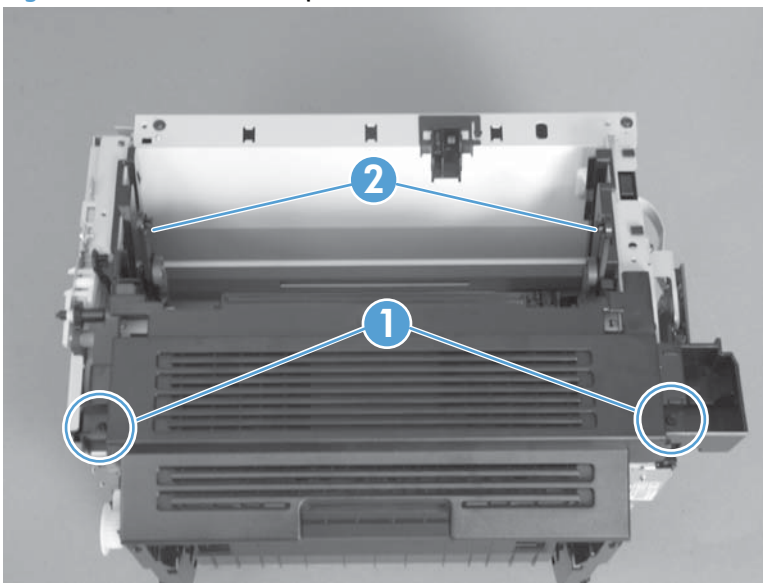
1. Remove two screws (callout 1).

---

**CAUTION:** The upper-cartridge door arms (callout 2) can become easily be dislodged from the lower arms. Do not lose the upper-cartridge door arms while servicing the product.

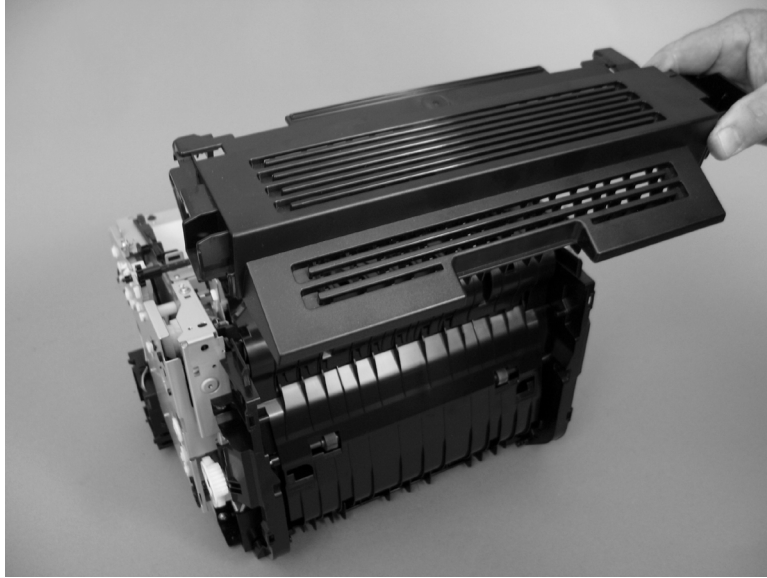
---

**Figure 1-69** Remove the top cover (1 of 2)



2. Lift the cover up and off the product to remove it.

**Figure 1-70** Remove the top cover (2 of 2)

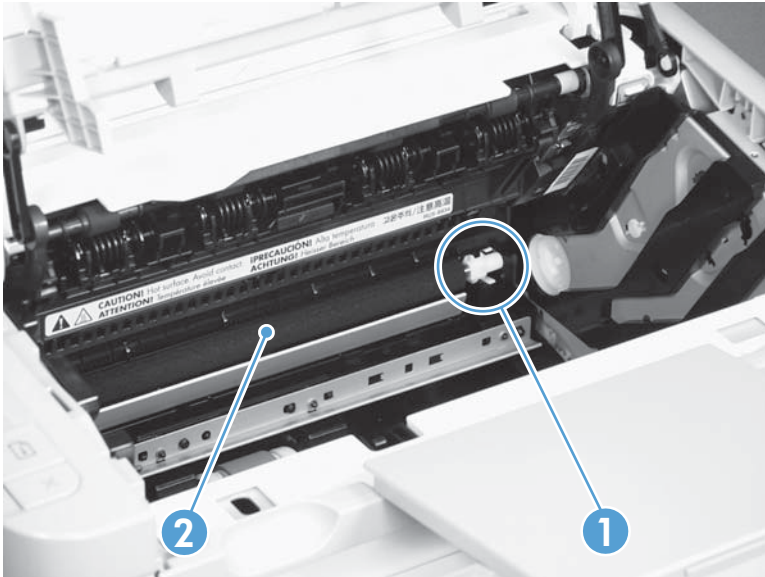


## Transfer roller

**⚠ CAUTION:** Do not touch the sponge portion of the roller. Skin oils can cause print quality problems.

1. Open the print-cartridge door.
2. Release two tabs (callout 1), and then remove the transfer roller (callout 2).

**Figure 1-71** Remove the transfer roller



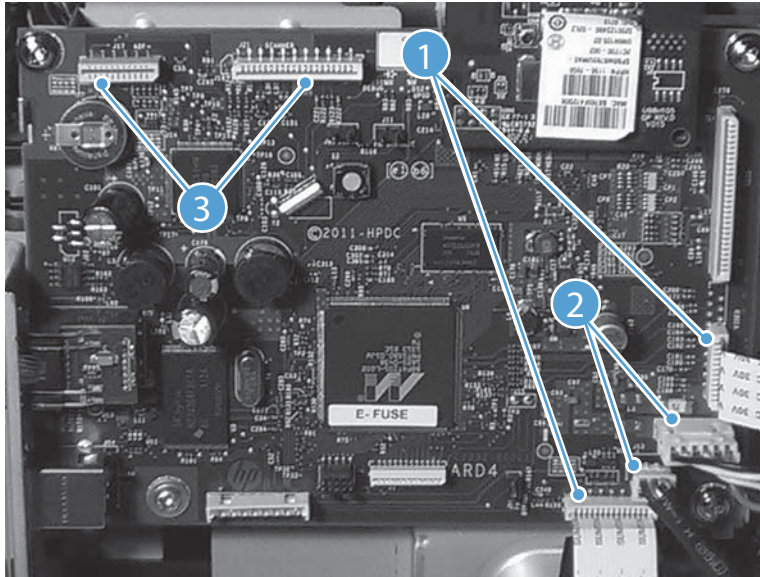
## Internal assemblies

### Formatter PCA

1. Remove the left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).

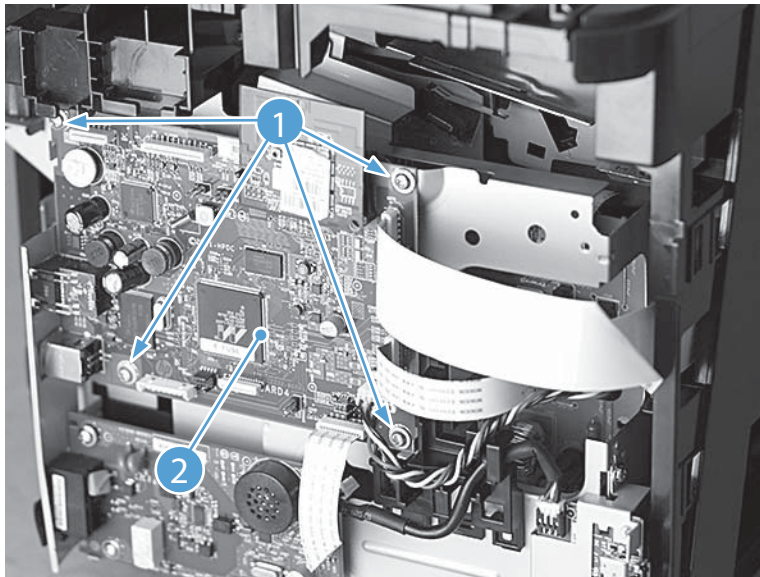
2. Disconnect two FFCs (callout 1) and two connectors (callout 2), and then disconnect two FFCs (callout 3 – MFP models only).

**Figure 1-72** Remove the formatter PCA (1 of 2)



3. Remove four screws (callout 1), and then remove the formatter PCA (callout 2).

**Figure 1-73** Remove the formatter PCA (2 of 2)





## Fuser

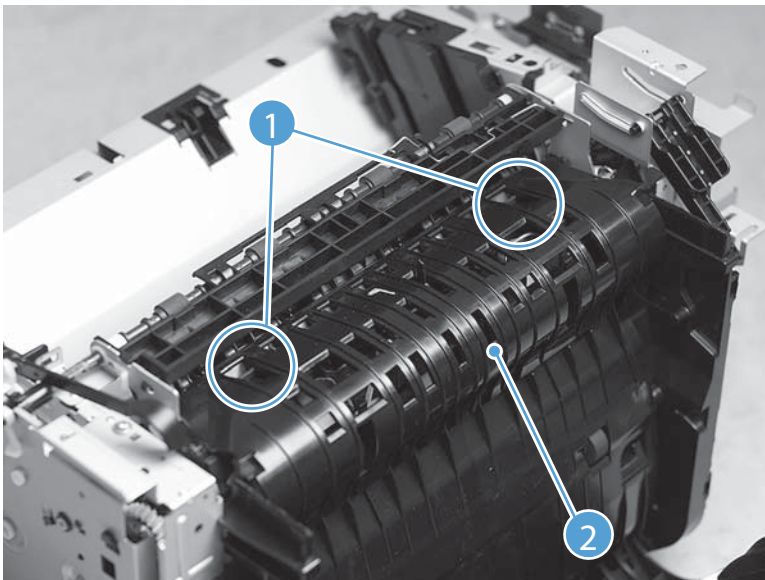
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).
- Rear cover (simplex product) or duplex door (duplex product). See [Rear cover, simplex product on page 22](#) or [Duplex door, duplex product on page 20](#) or [Duplex door on page 46](#).
- Duplex frame (duplex products only). See [Duplex frame, duplex product on page 21](#) or [Duplex frame on page 47](#).
- Cartridge door. See [Cartridge door, duplex product on page 29](#) or [Cartridge door, simplex product on page 23](#) or [Cartridge door on page 48](#).
- Top cover. See [Top cover on page 33](#) or [Top cover on page 52](#).
- Formatter PCA. See [Formatter PCA on page 54](#)

### Remove the fuser

1. **Duplex models only:** Release two tabs (callout 1), and then remove the duplex reverse guide (callout 2).

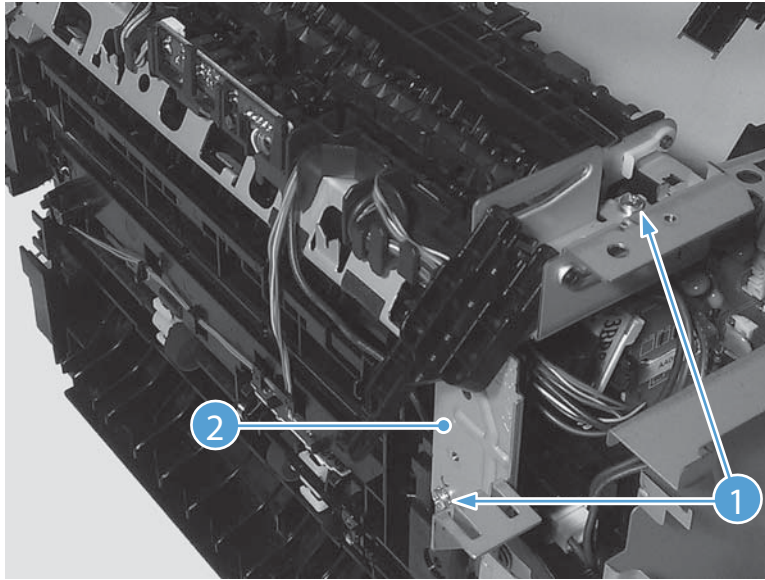
**Figure 1-74** Remove the fuser (1 of 10)





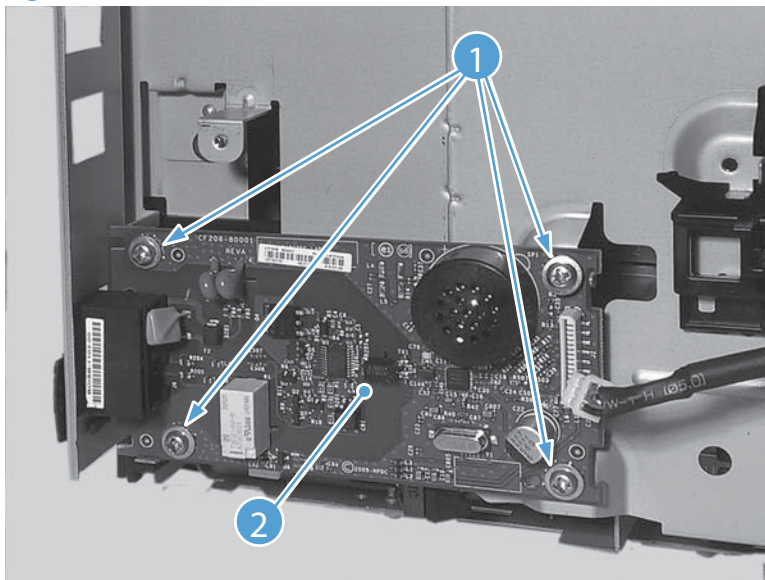
2. Remove two screws (callout 1), and then remove the sheet-metal corner brace (callout 2).

**Figure 1-75** Remove the fuser (2 of 10)



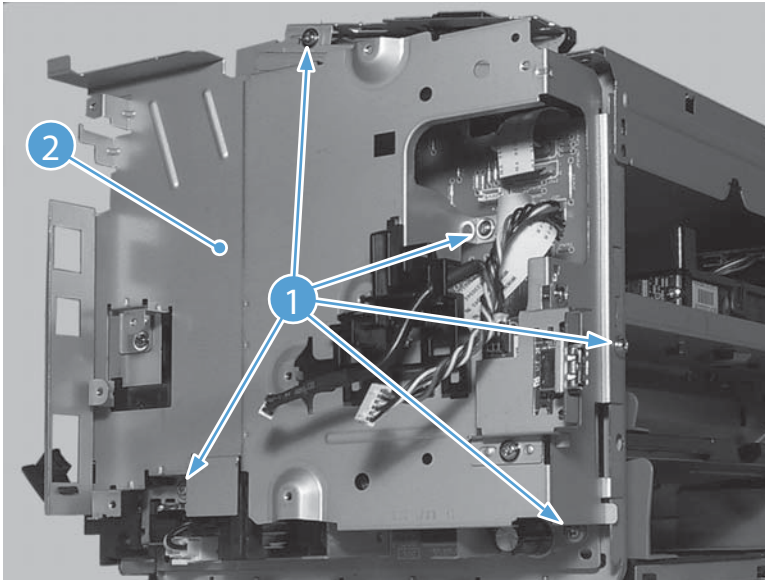
3. Remove one FFC (callout 1), remove four screws (callout 2), and then remove the fax PCA (callout 3).

**Figure 1-76** Remove the fuser (3 of 10)



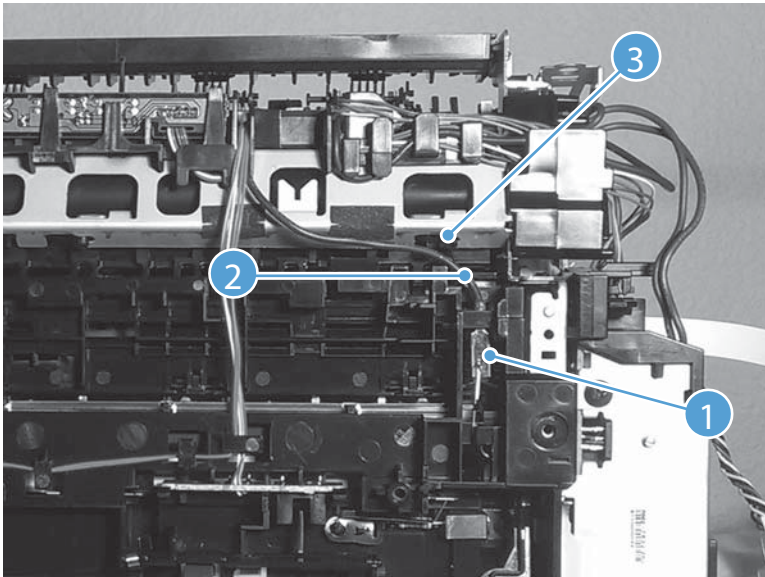
4. Remove five screws (callout 1), and then remove the sheet-metal plate (callout 2).

**Figure 1-77** Remove the fuser (4 of 10)



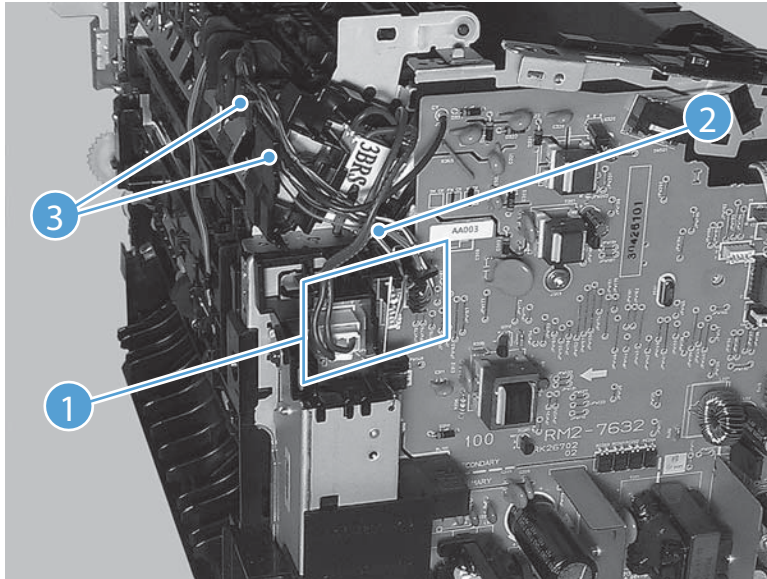
5. Disconnect one connector (callout 1), and then release the wire harness (callout 2) from the guide (callout 3).

**Figure 1-78** Remove the fuser (5 of 10)



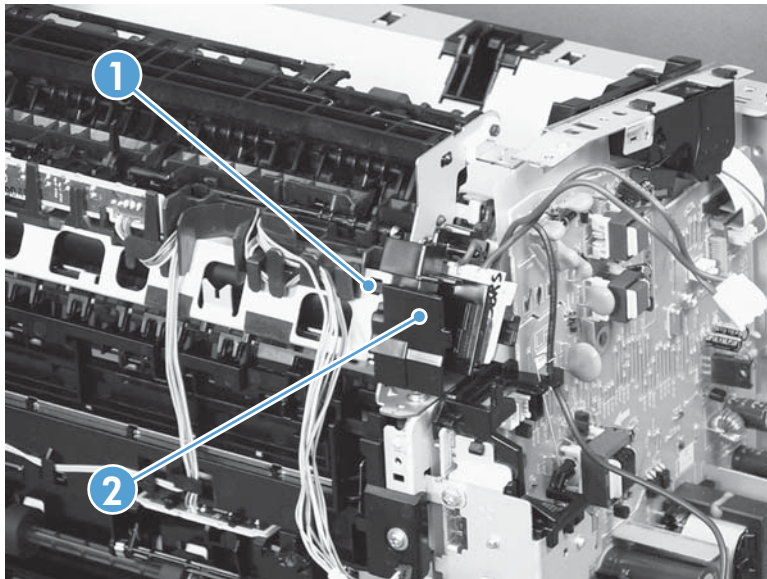
6. Disconnect four connectors (callout 1), and then release the wire harnesses (callout 2) from the guide (callout 3).

**Figure 1-79** Remove the fuser (6 of 10)



7. Disconnect one tab (callout 1), and then remove the guide (callout 2).

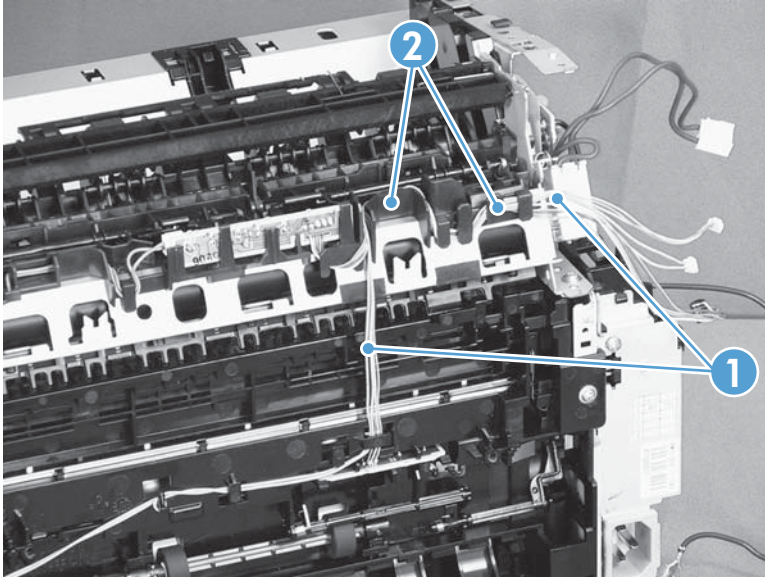
**Figure 1-80** Remove the fuser (7 of 10)





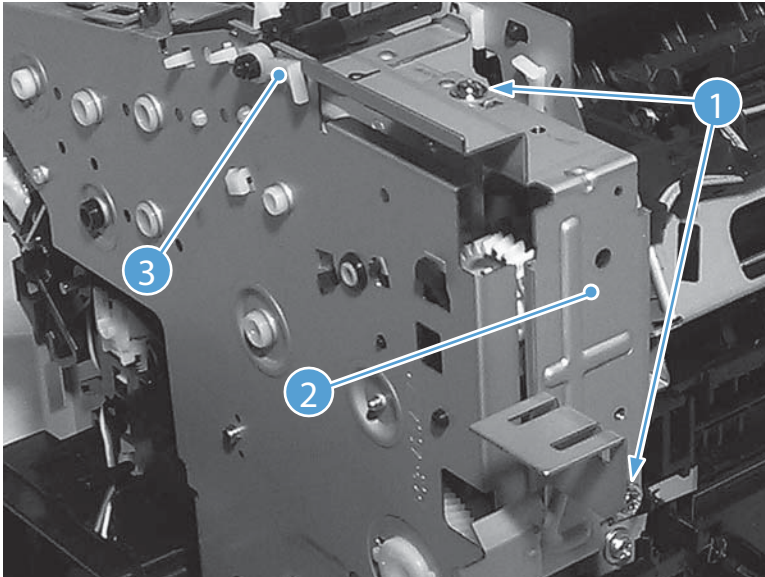
8. Release the wire harnesses (callout 1) from the guide (callout 2).

**Figure 1-81** Remove the fuser (8 of 10)



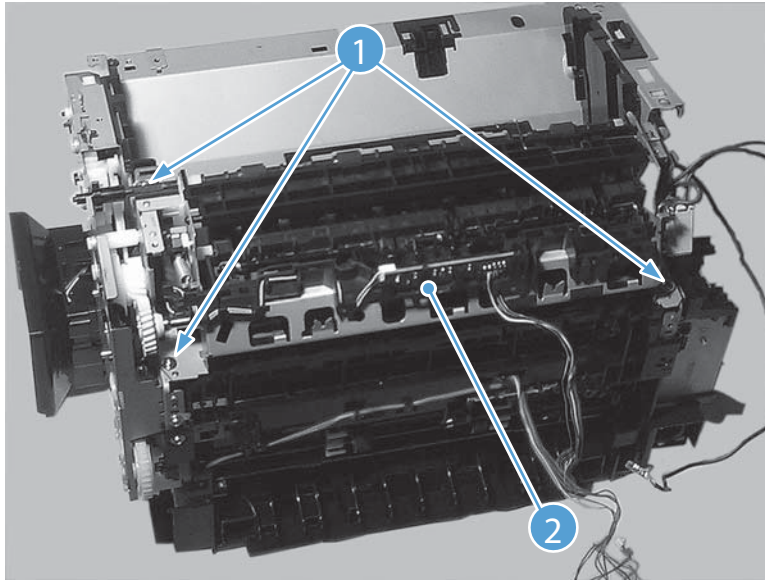
9. On the right side of the product, remove two screws (callout 1) and the sheet-metal brace (callout 2), and then remove one bushing (callout 3).

**Figure 1-82** Remove the fuser (9 of 10)



10. Remove three screws (callout 1) and then remove the fuser (callout 2).

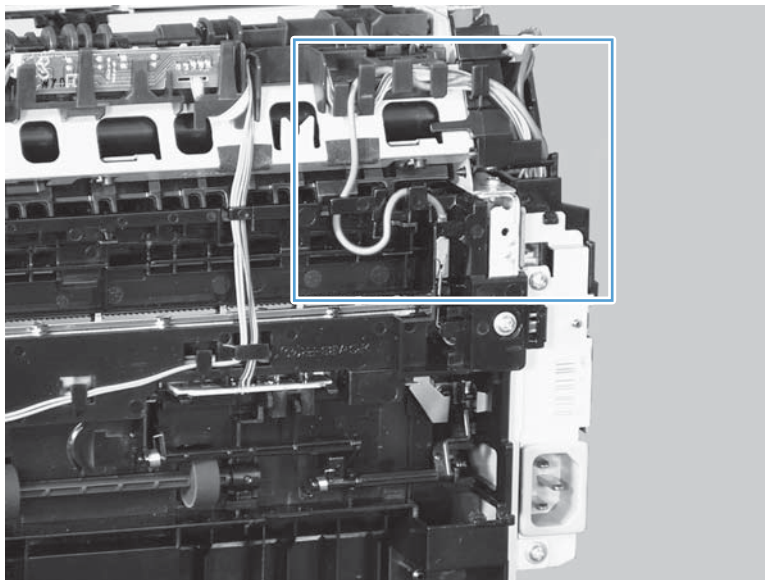
**Figure 1-83** Remove the fuser (10 of 10)



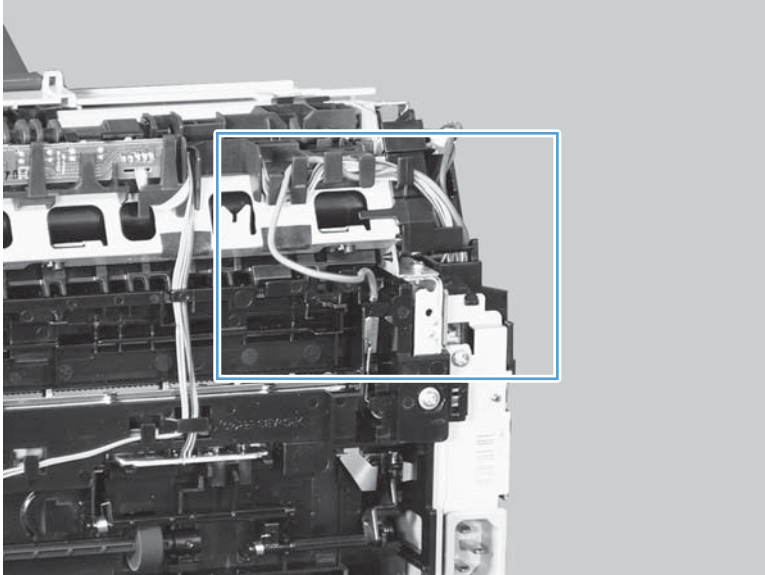
#### Reinstall the fuser

- ▲ To avoid damage to the wire harnesses, make sure that they are correctly installed in the guides when the fuser is reinstalled.


**Figure 1-84** Reinstall the fuser; correct wire harness installation



**Figure 1-85** Reinstall the fuser; incorrect wire harness installation



## Main assemblies

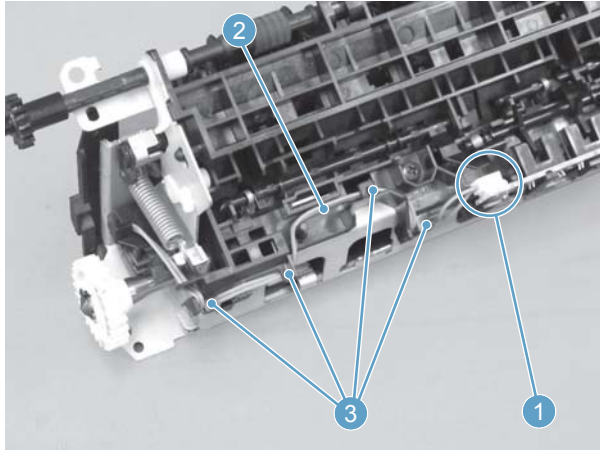
 **NOTE:** Some photos in this section show components that might not be installed or removed from your product; however, the procedures for replacement and repair in this chapter are correct for your product.

### Fuser film assembly

#### Remove the fuser film assembly

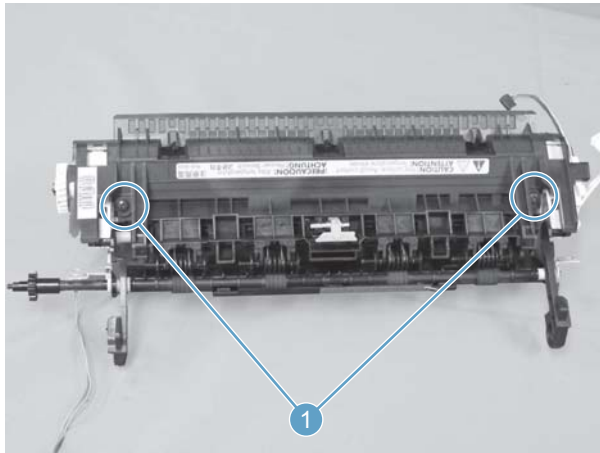
1. Remove the fuser. See [Fuser on page 56](#).
2. Disconnect one connector (callout 1), then release the cables (callout 2) from the cable guide (callout 3).

**Figure 1-86** Remove the fuser film assembly (1 of 4)



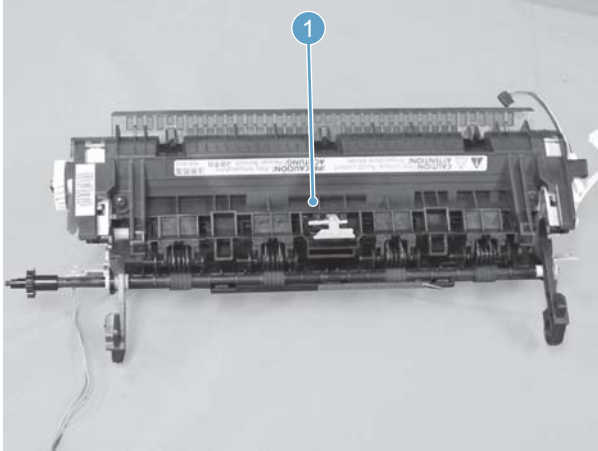
3. Remove two screws (callout 1).

**Figure 1-87** Remove the fuser film assembly (2 of 4)



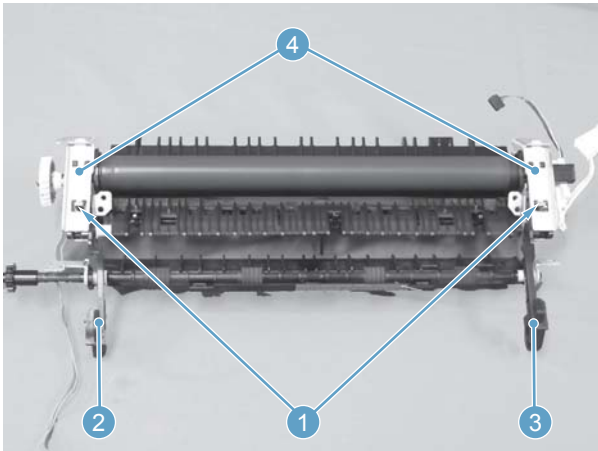
4. Remove the fuser cover (callout 1).

**Figure 1-88** Remove the fuser film assembly (3 of 4)

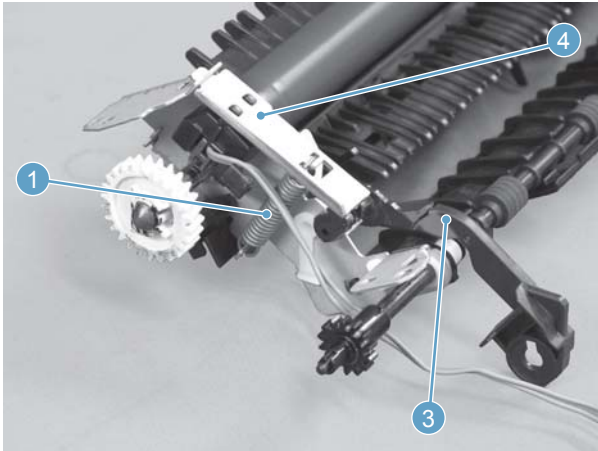


5. Examine the assembly and locate the components in [Table 1-4 Fuser film assembly components on page 65](#).

**Figure 1-89** Fuser film assembly overview

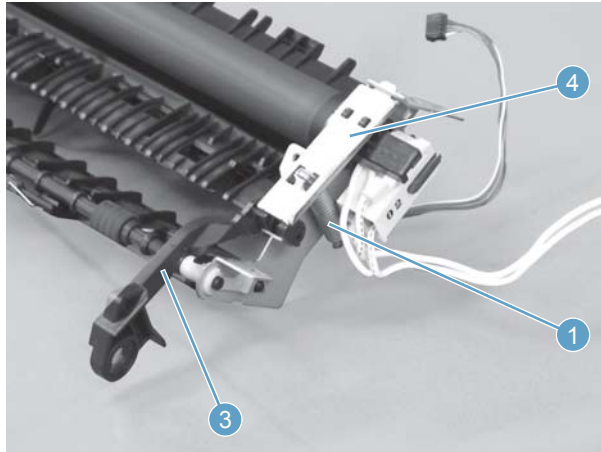


**Figure 1-90** Fuser film assembly left side detail





**Figure 1-91** Fuser film assembly right side detail

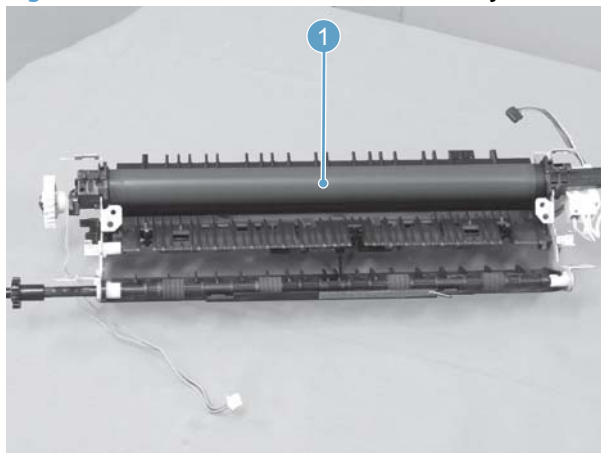


**Table 1-4** Fuser film assembly components

Item	Description
1	Left and right springs
2	Left pressure release lever
3	Right pressure release lever
4	Left and right pressure plates

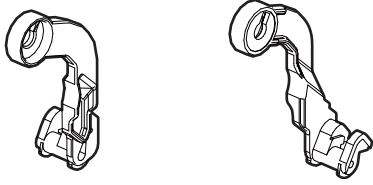
6. Remove two springs (callout 1).
7. Remove one left pressure release lever (callout 2).
8. Remove one right pressure release lever (callout 3).
9. Remove two pressure plates (callout 4).
10. Remove the fuser film assembly (callout 1).

**Figure 1-92** Remove the fuser film assembly (4 of 4)

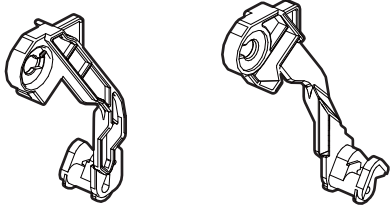


The shape of the pressure release lever is different between the products.

**Figure 1-93** Pressure release levers, LaserJet Pro M201 and M202 series



**Figure 1-94** Pressure release levers, LaserJet Pro MFP M225 and M226 series



### Reinstall the fuser film assembly

Content for this section was not provided.

### Laser/scanner assembly

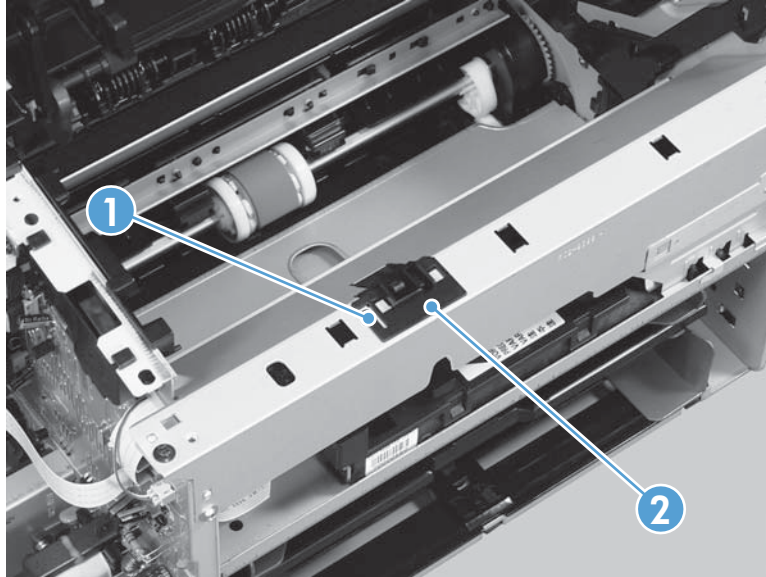
#### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).

#### Remove the laser/scanner assembly

1. Release one tab (callout 1), and then remove the holder (callout 2).

**Figure 1-95** Remove the laser/scanner assembly (1 of 5)

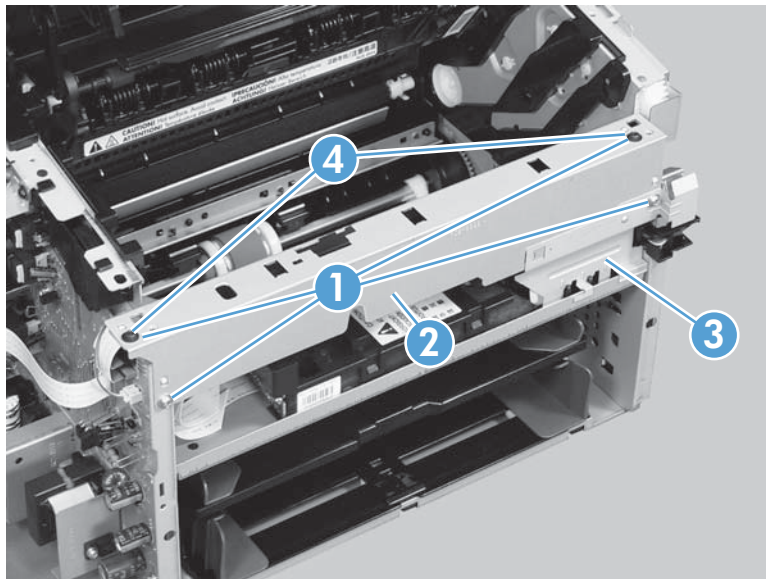


2. Remove four screws (callout 1), and then remove the scanner cover (callout 2) and the sheet-metal plate (callout 3) together.

**CAUTION:** The scanner cover (callout 2) and sheet-metal plate (callout 3) can be easily separated. Do not lose the plate while servicing the product.

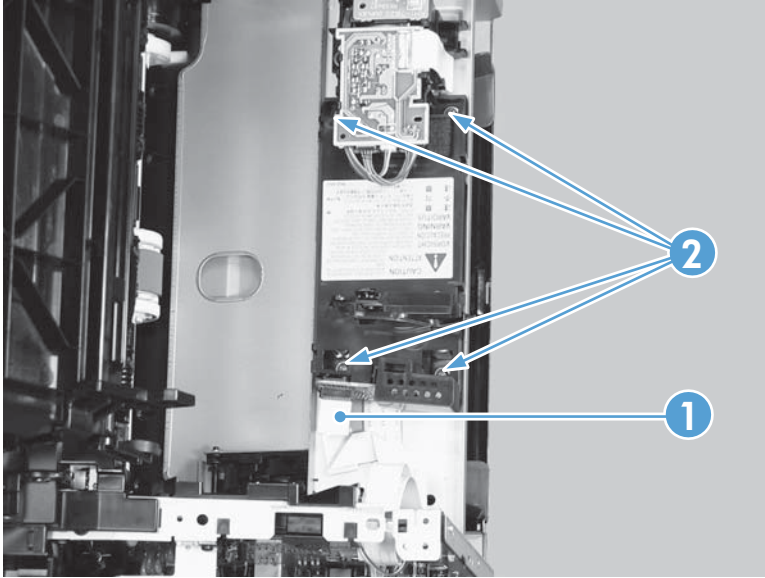
**TIP:** When the cover is reinstalled, make sure that the black screws (callout 4) are installed in the correct screw holes.

**Figure 1-96** Remove the laser/scanner assembly (2 of 5)



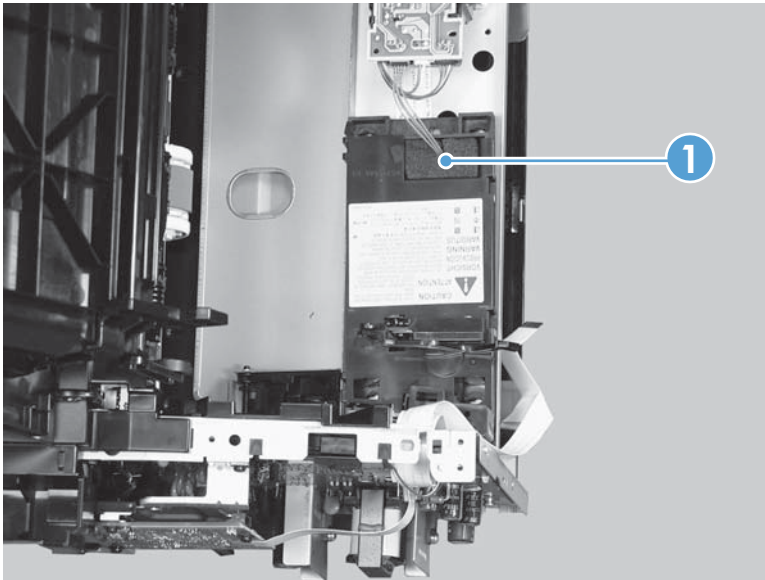
3. Disconnect one FFC (callout 1), and then remove four screws (callout 2).

**Figure 1-97** Remove the laser/scanner assembly (3 of 5)



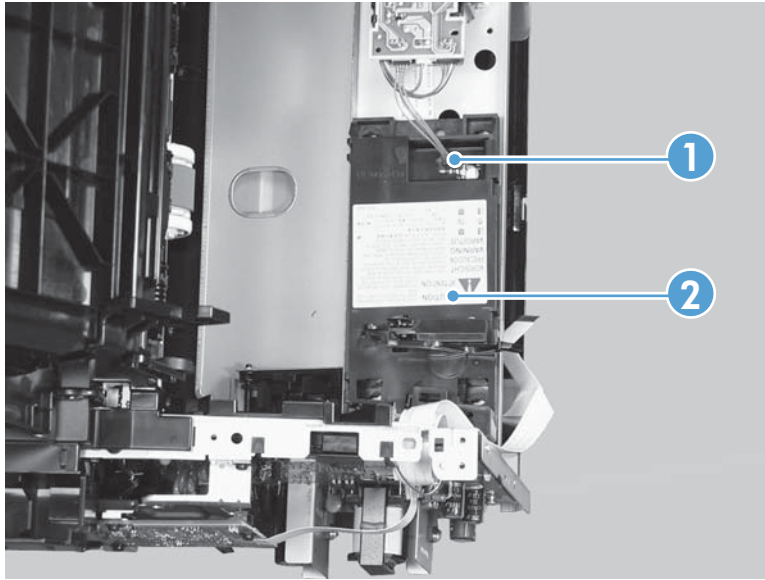
4. Remove the dust-proof sponge (callout 1).

**Figure 1-98** Remove the laser/scanner assembly (4 of 5)



5. Disconnect one connector (callout 1), and then remove the laser/scanner assembly (callout 2).

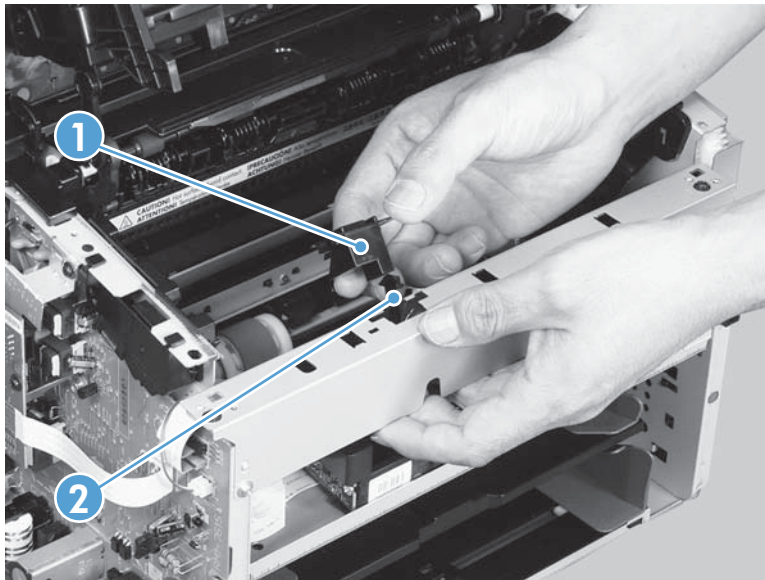
**Figure 1-99** Remove the laser/scanner assembly (5 of 5)



#### Reinstall the laser/scanner assembly

- ▲ When the holder is reinstalled (callout 1), make sure that the lever arm (callout 2) is correctly positioned in the slot in the holder.

**Figure 1-100** Reinstall the laser/scanner assembly





## Pickup assembly

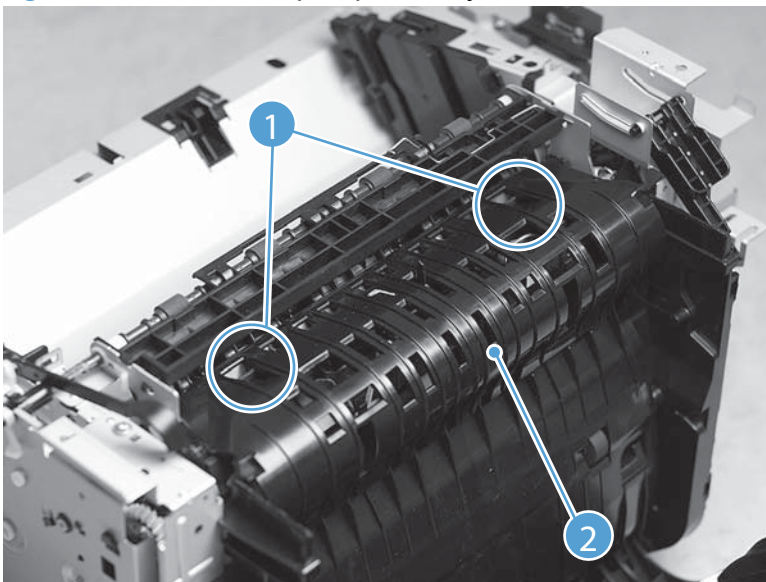
### Before proceeding, remove the following components:

- Separation pad. See [Separation pad on page 9](#).
- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).
- Rear cover (simplex product) or duplex door (duplex product). See [Rear cover, simplex product on page 22](#) or [Duplex door, duplex product on page 20](#) or [Duplex door on page 46](#).
- Duplex frame (duplex products only). See [Duplex frame, duplex product on page 21](#) or [Duplex frame on page 47](#).
- Cartridge door. See [Cartridge door, duplex product on page 29](#) or [Cartridge door, simplex product on page 23](#) or [Cartridge door on page 48](#).
- Top cover. See [Top cover on page 33](#) or [Top cover on page 52](#).
- Formatter PCA. See [Formatter PCA on page 54](#)

### Remove the pickup assembly

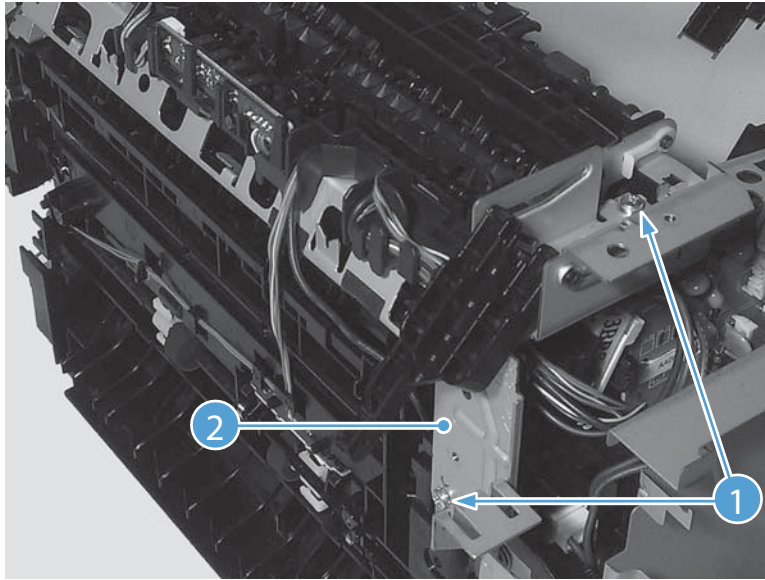
1. **Duplex models only:** Release two tabs (callout 1), and then remove the duplex reverse guide (callout 2).

**Figure 1-101** Remove the pickup assembly (1 of 10)



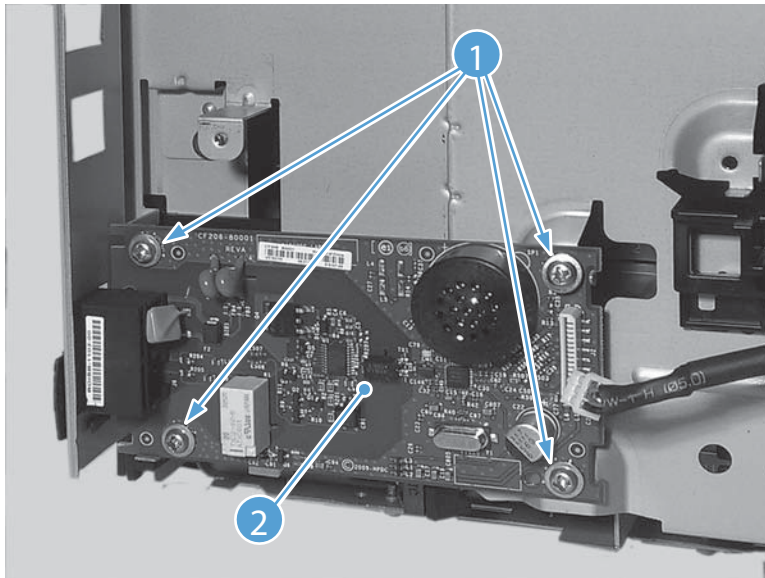
2. Remove two screws (callout 1), and then remove the sheet-metal corner brace (callout 2).

**Figure 1-102** Remove the pickup assembly (2 of 10)



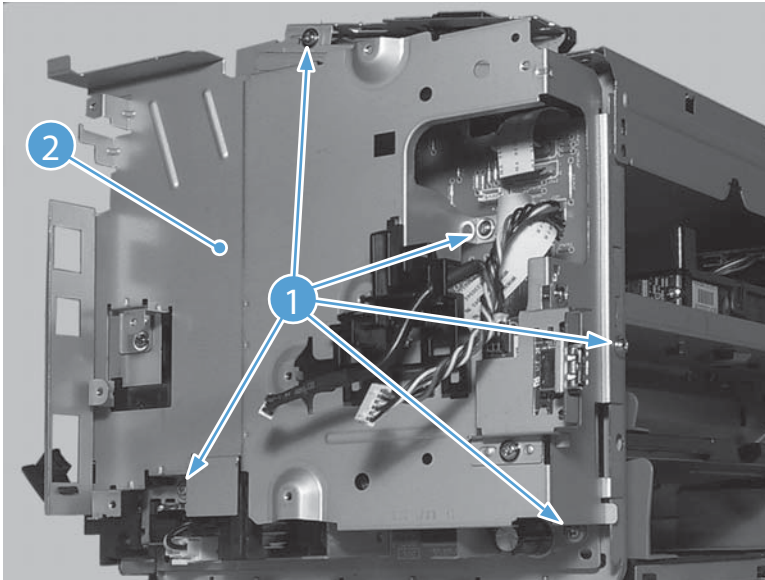
3. Remove one FFC (callout 1), remove four screws (callout 2), and then remove the fax PCA (callout 3).

**Figure 1-103** Remove the pickup assembly (3 of 10)



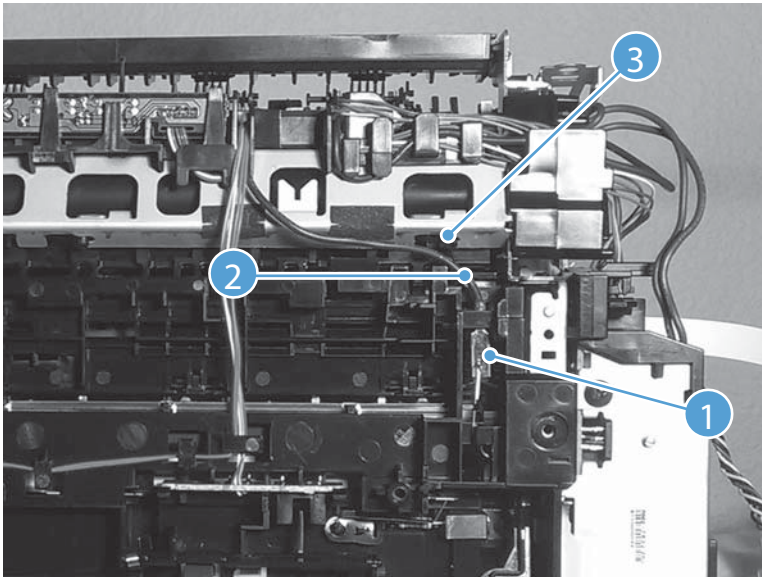
4. Remove five screws (callout 1), and then remove the sheet-metal plate (callout 2).

**Figure 1-104** Remove the pickup assembly (4 of 10)




5. Disconnect one connector (callout 1), and then release the wire harness (callout 2) from the guide (callout 3).

**Figure 1-105** Remove the pickup assembly (5 of 10)

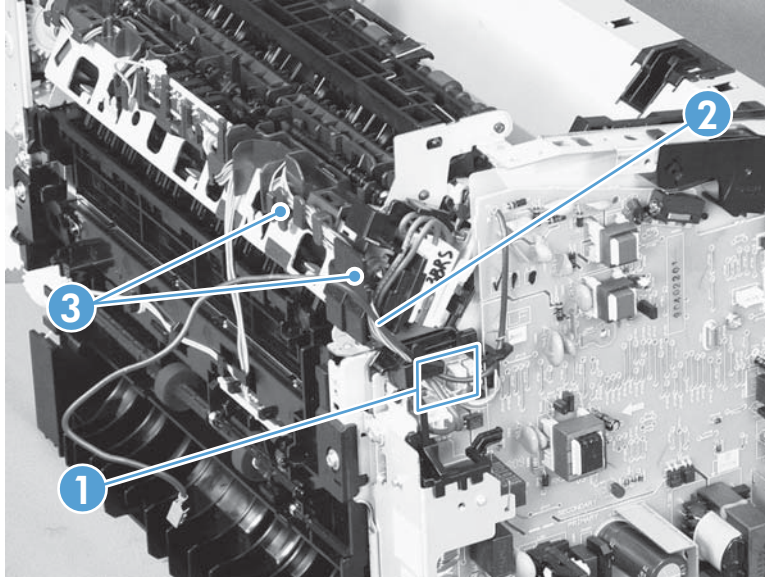




6. Disconnect three connectors (callout 1), and then remove the wire harness (callout 2) from the guide (callout 3).

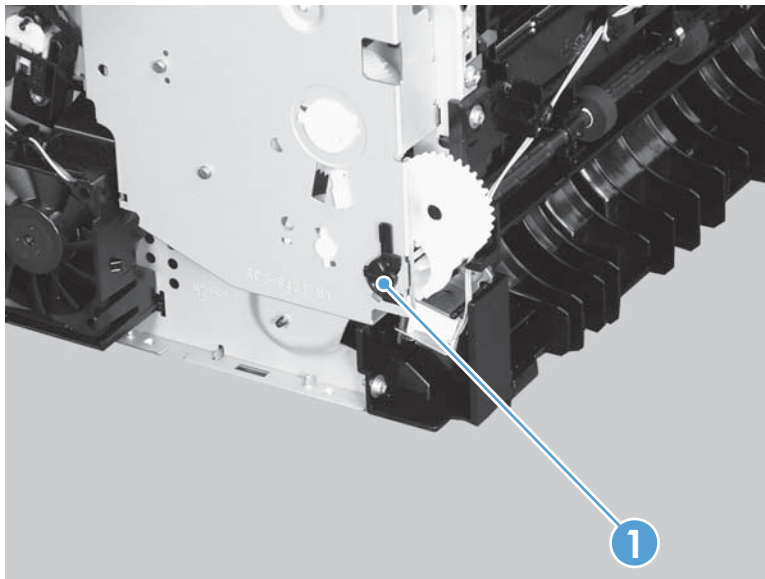
 **Reinstallation tip:** When the pickup assembly is reinstalled, place these wire harnesses in the guide first, and then the wire harness from the ground connector in the previous step. This ensures that the harnesses are long enough for the connectors to reach the engine controller PCA.

**Figure 1-106** Remove the pickup assembly (6 of 10)



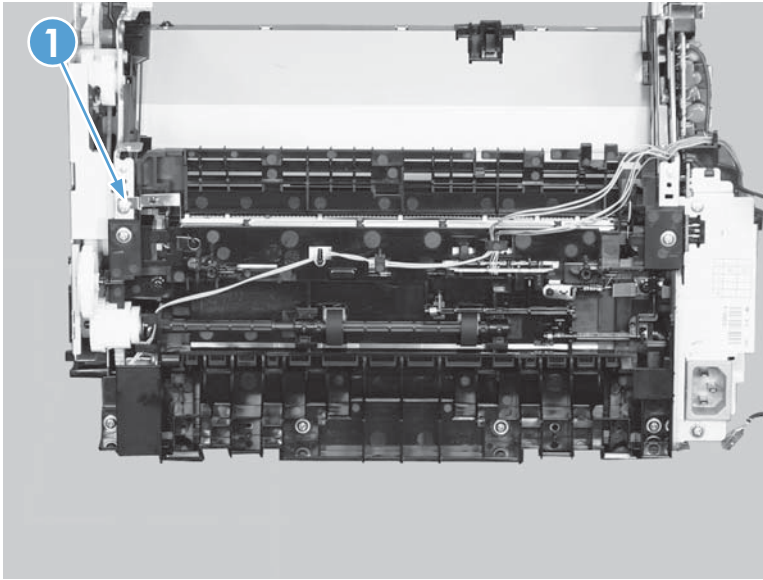
7. Remove one bushing (callout 1).

**Figure 1-107** Remove the pickup assembly (7 of 10)



8. Remove one screw with washer (callout 1).

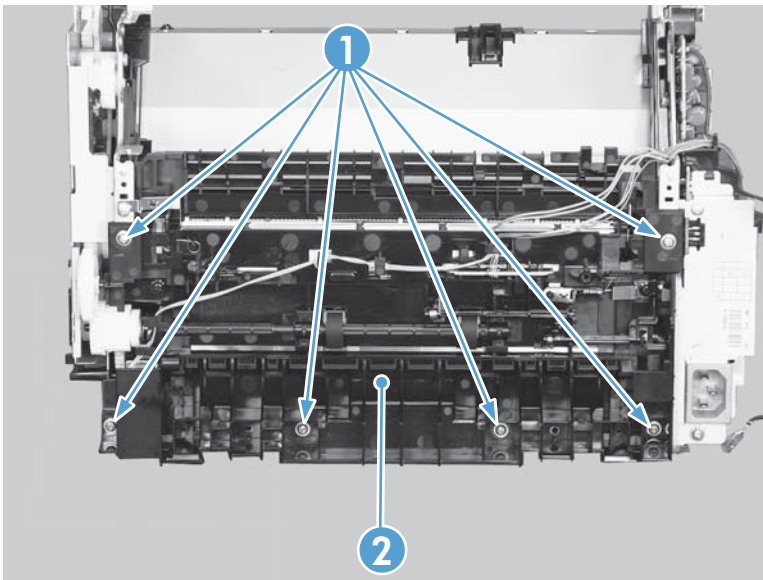
**Figure 1-108** Remove the pickup assembly (8 of 10)



9. Remove six screws (callout 1), and then remove the pickup assembly (callout 2).

**CAUTION:** The ground spring on the assembly is not captive. Do not lose the spring when the assembly is removed. See [Reinstall the pickup assembly on page 75](#).

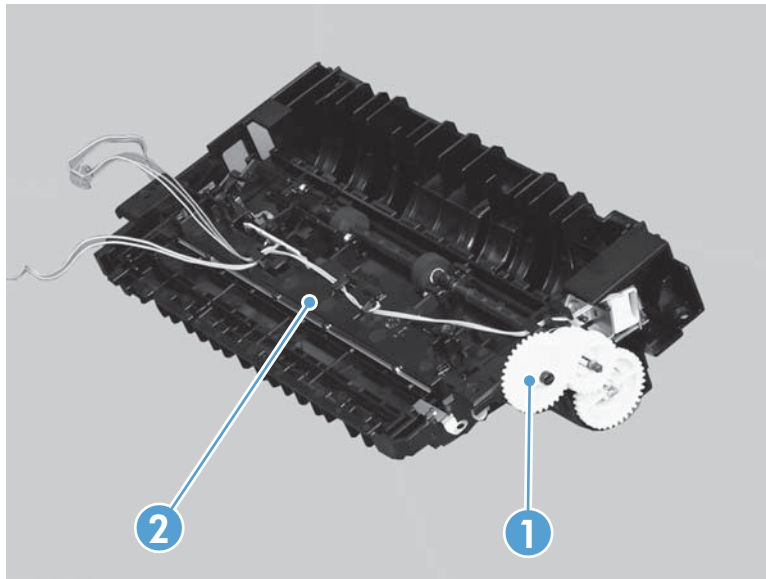
**Figure 1-109** Remove the pickup assembly (9 of 10)



**10. Duplex models only:** Remove one gear (callout 1) from the pickup assembly (callout 2).

**⚠ CAUTION:** The gear is not captive. Do not lose the gear while servicing the product.

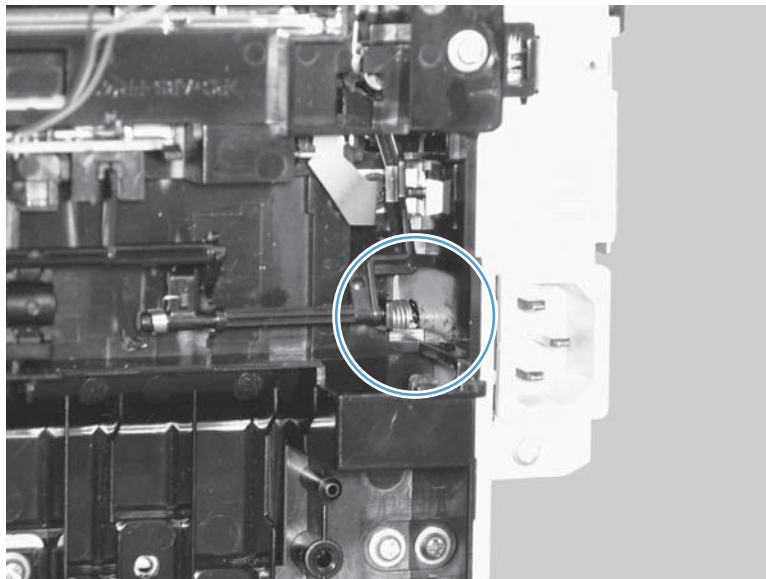
**Figure 1-110** Remove the pickup assembly (10 of 10)



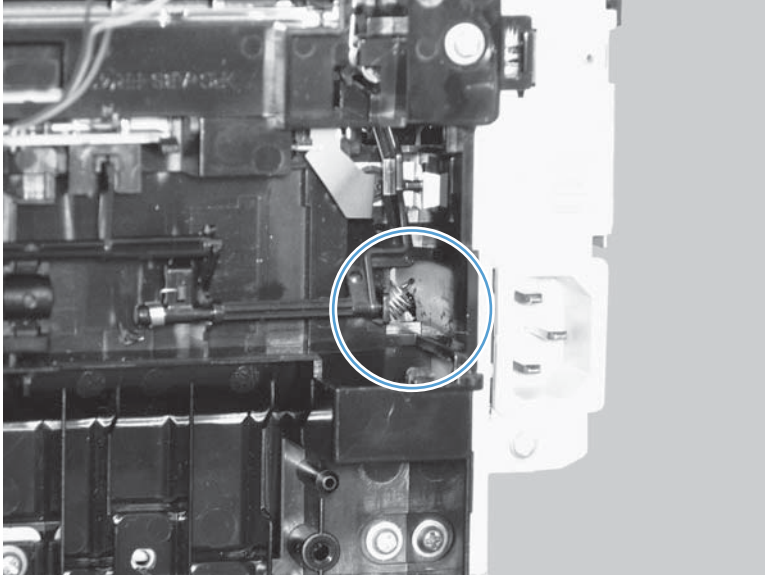
#### Reinstall the pickup assembly

1. Make sure that the pickup assembly ground spring is correctly positioned when the assembly is reinstalled.

**Figure 1-111** Reinstall the pickup assembly (1 of 4; correct ground spring position)



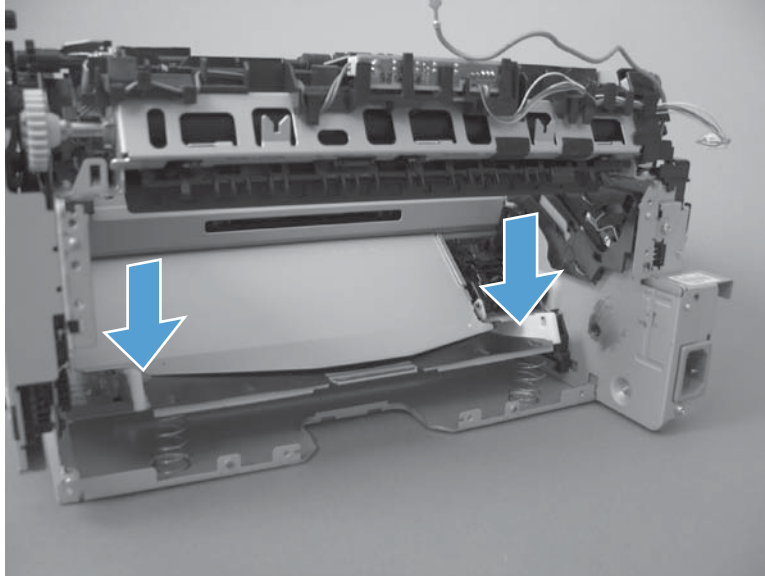
**Figure 1-112** Reinstall the pickup assembly (2 of 4; incorrect ground spring position)



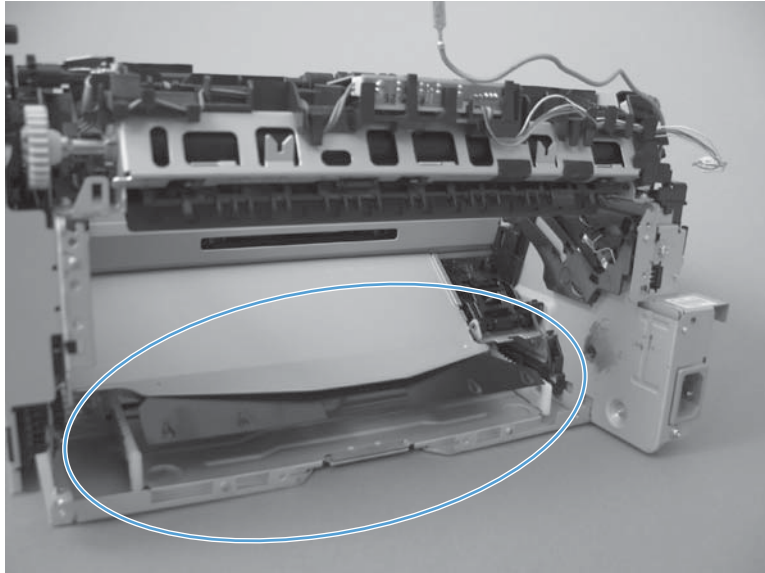
2. Push down the lift plate before installing the pickup assembly.

 **TIP:** Reach in from the front of the product to push and hold the plate down as the pickup unit is installed.

**Figure 1-113** Reinstall the pickup assembly (3 of 4; lift plate in raised position)



**Figure 1-114** Reinstall the pickup assembly (4 of 4; lift plate in lowered position)





## Main motor

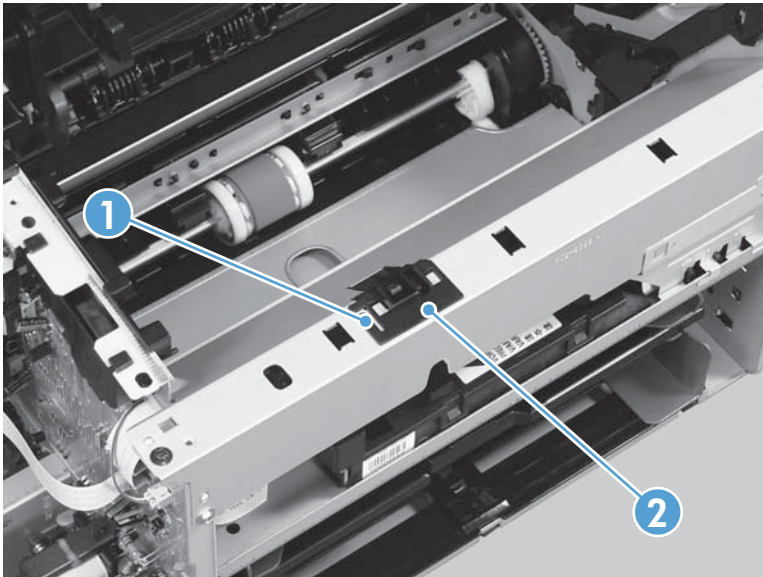
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).

### Remove the main motor


1. Release one tab (callout 1), and then remove the holder (callout 2).

**Figure 1-115** Remove the main motor (1 of 9)

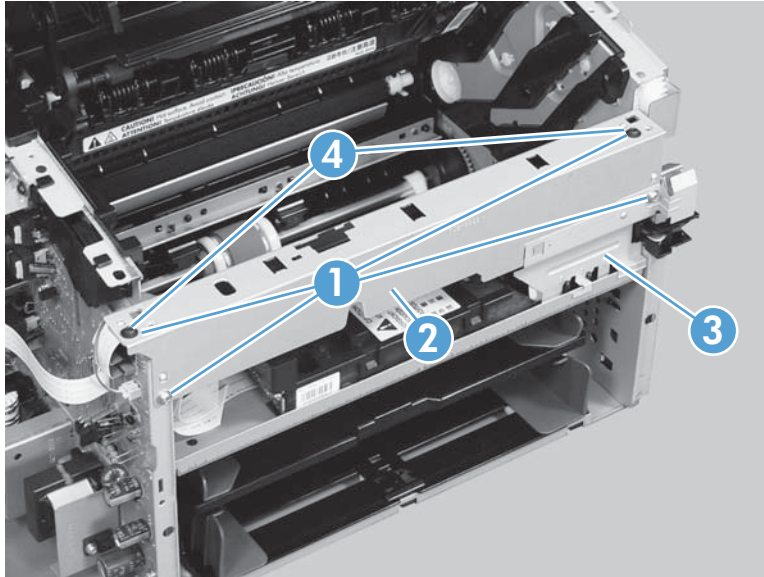


2. Remove four screws (callout 1), the scanner cover (callout 2) and the sheet-metal plate (callout 3).

 **NOTE:** The scanner cover and plate are removed as one assembly.


 **TIP:** When the cover is reinstalled, make sure that the black screws (callout 4) are installed in the correct screw holes.

**Figure 1-116** Remove the main motor (2 of 9)

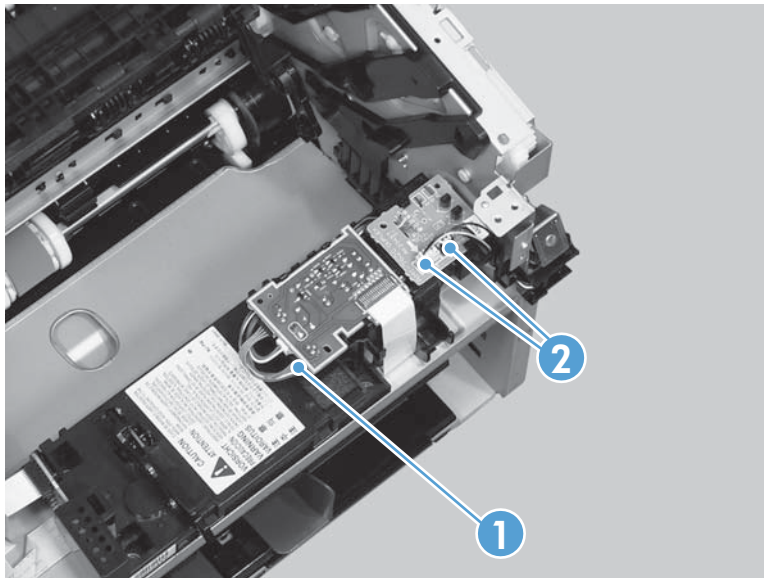


3. **Simplex models only:** Disconnect one connector (callout 1).

**Duplex models only:** Disconnect three connectors (callout 1 and callout 2).

 **NOTE:** Simplex models do not have the duplex-connector PCA installed.

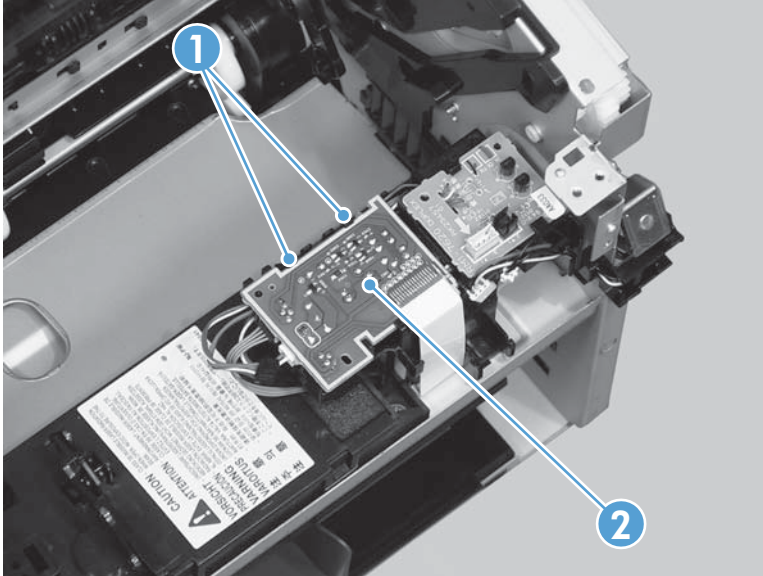
**Figure 1-117** Remove the main motor (3 of 9)



4. Release two tabs (callout 1), and then slightly separate the motor driver PCA (callout 2) from the product.

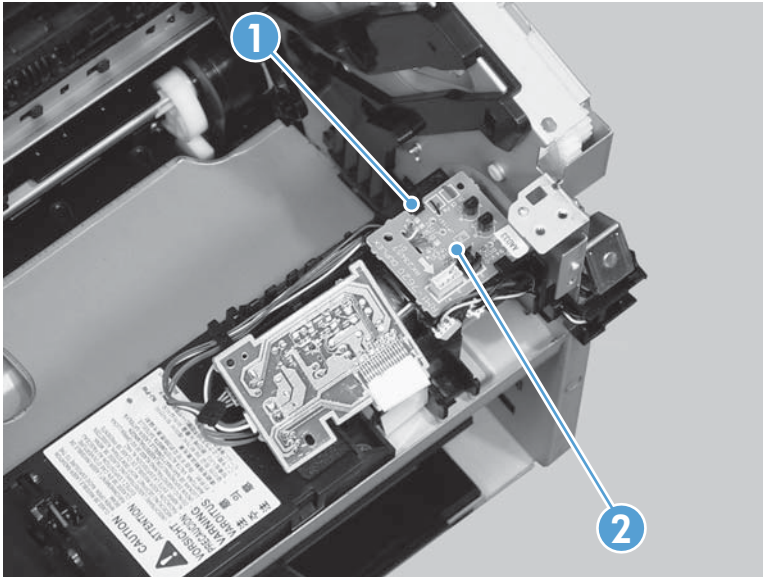
**⚠ CAUTION:** The motor driver PCA is still connected to the product by the wire harnesses and a FFC.

**Figure 1-118** Remove the main motor (4 of 9)



5. **Duplex models only:** Release one tab (callout 1), and then remove the duplex-connector PCA (callout 2).

**Figure 1-119** Remove the main motor (5 of 9)

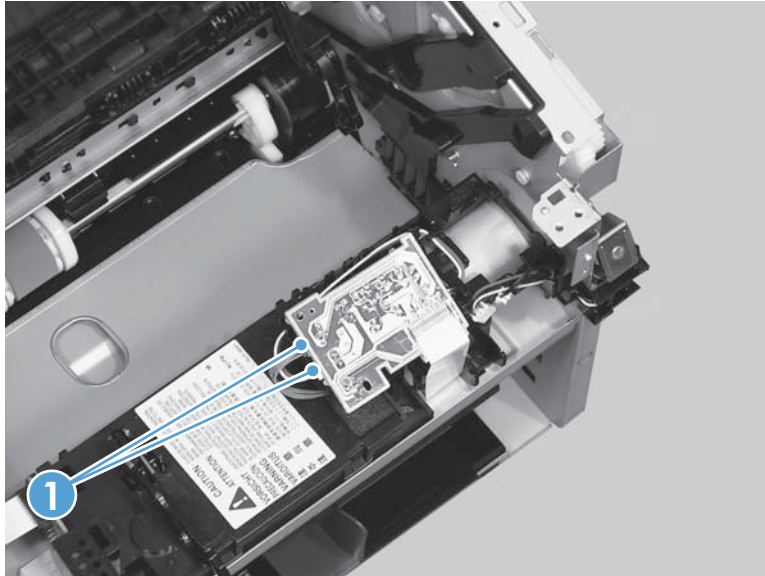




6. Disconnect two connectors (callout 1) and carefully set the PCA out of the way.

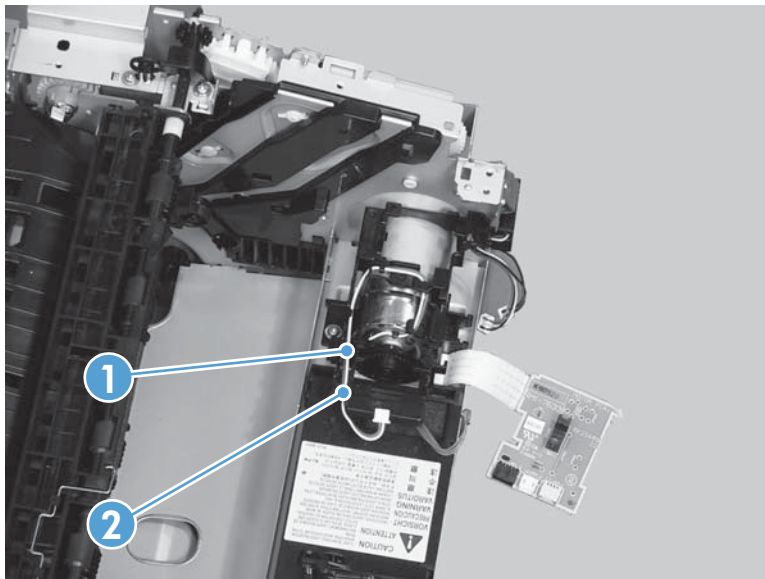
**⚠ CAUTION:** The motor driver PCA is still connected to the product by the FFC.

**Figure 1-120** Remove the main motor (6 of 9)



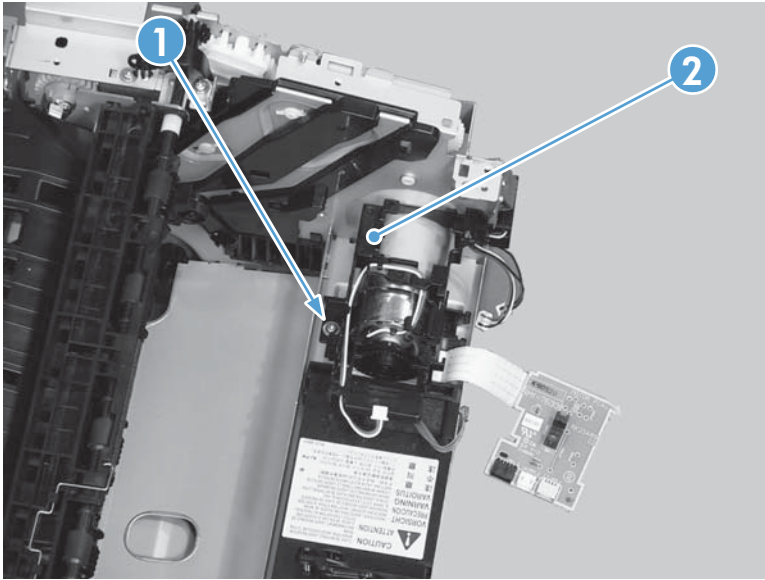
7. Release the wire harness (callout 1) from the guide (callout 2).

**Figure 1-121** Remove the main motor (7 of 9)



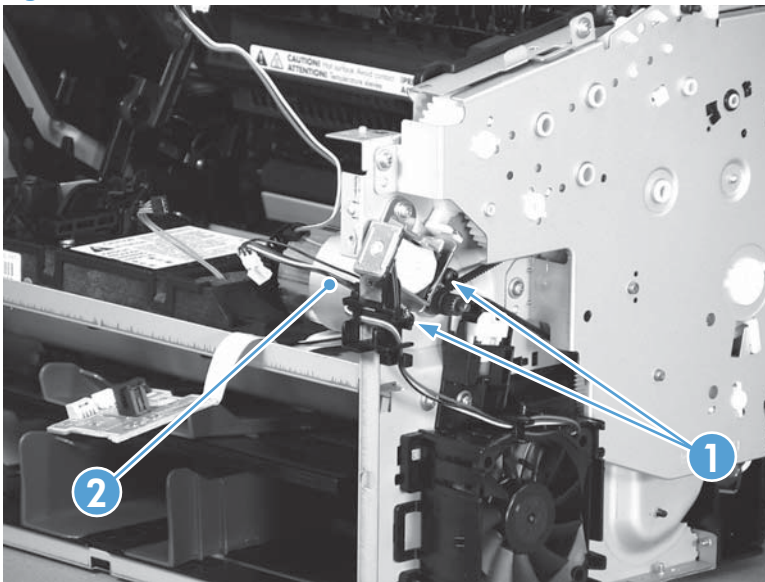
8. Remove one screw (callout 1), and then remove the motor cover (callout 2).

**Figure 1-122** Remove the main motor (8 of 9)



9. Remove two screws (callout 1), and then remove the motor (callout 2).

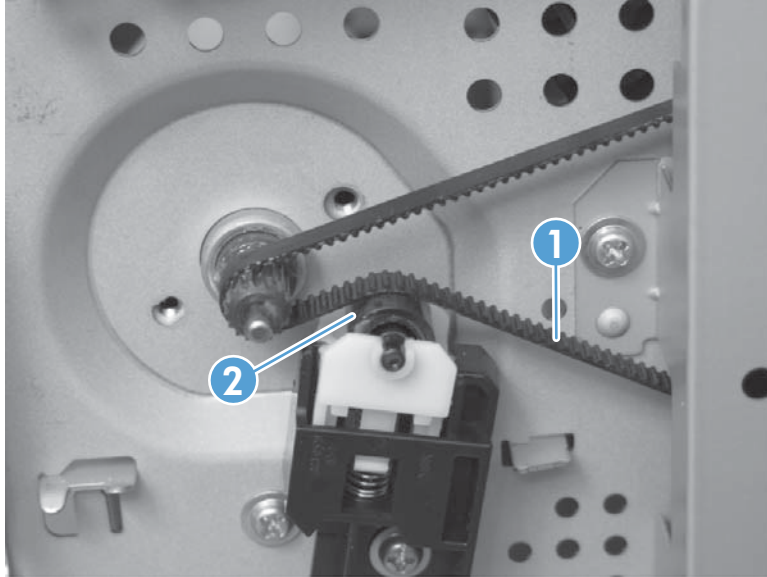
**Figure 1-123** Remove the main motor (9 of 9)



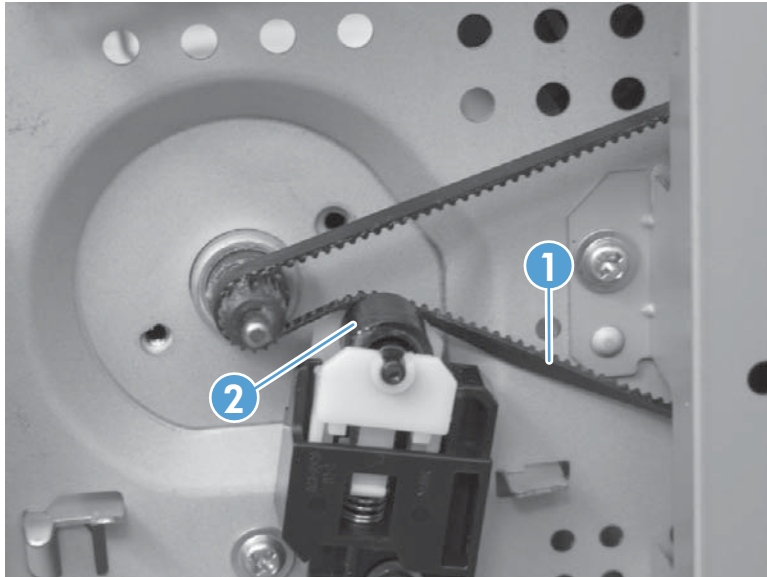
### Reinstall the main-motor drive belt

- ▲ When the main motor is reinstalled, make sure that the drive belt (callout 1) is correctly positioned over the roller (callout 2).

**Figure 1-124** Main-motor drive belt: correctly installed



**Figure 1-125** Main-motor drive belt: incorrectly installed



## Pickup solenoid

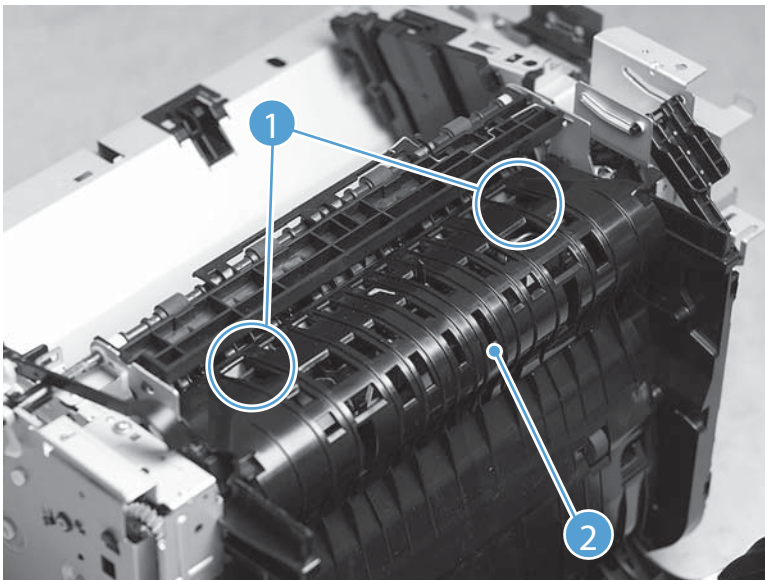
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).
- Rear cover (simplex product) or duplex door (duplex product). See [Rear cover, simplex product on page 22](#) or [Duplex door, duplex product on page 20](#) or [Duplex door on page 46](#).
- Duplex frame (duplex products only). See [Duplex frame, duplex product on page 21](#) or [Duplex frame on page 47](#).
- Cartridge door. See [Cartridge door, duplex product on page 29](#) or [Cartridge door, simplex product on page 23](#) or [Cartridge door on page 48](#).
- Top cover. See [Top cover on page 33](#) or [Top cover on page 52](#).
- Formatter PCA. See [Formatter PCA on page 54](#)

### Remove the pickup solenoid

1. **Duplex models only:** Release two tabs (callout 1), and then remove the duplex reverse guide (callout 2).

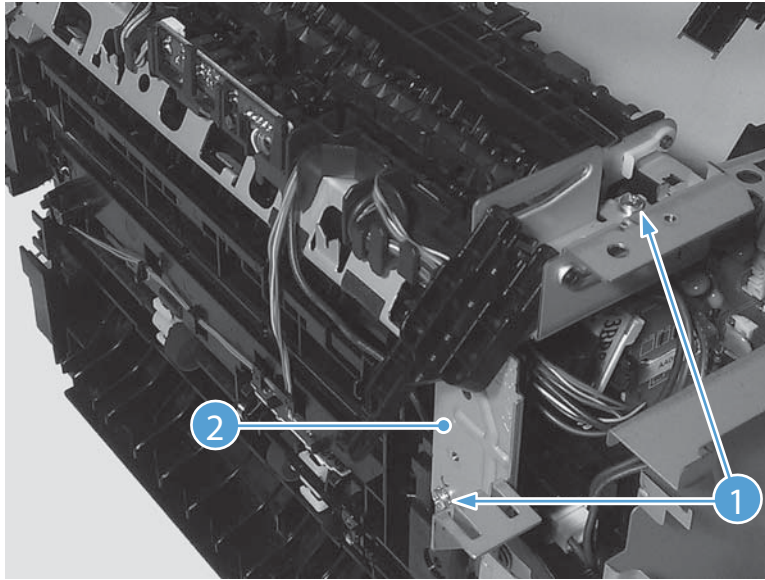
**Figure 1-126** Remove the pickup solenoid (1 of 7)





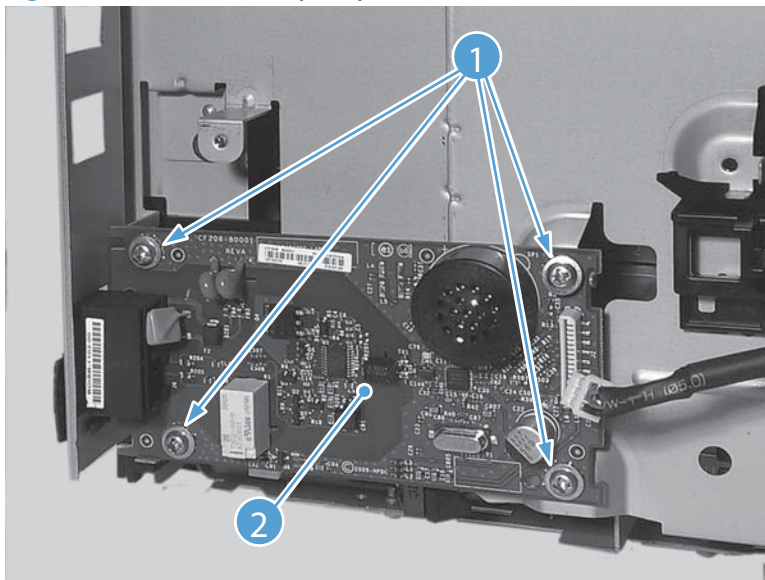
2. Remove two screws (callout 1), and then remove the sheet-metal corner brace (callout 2).

**Figure 1-127** Remove the pickup solenoid (2 of 7)



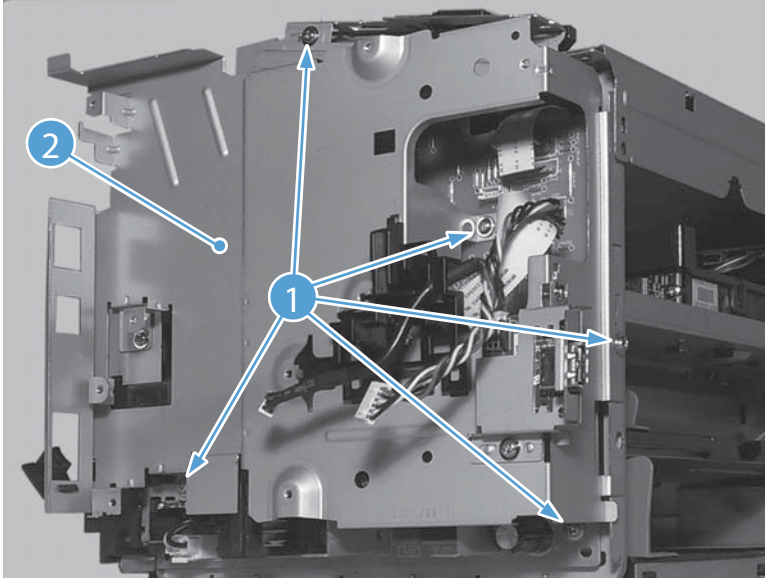
3. Remove four screws (callout 1), and then remove the fax PCA (callout 2).

**Figure 1-128** Remove the pickup solenoid (3 of 7)



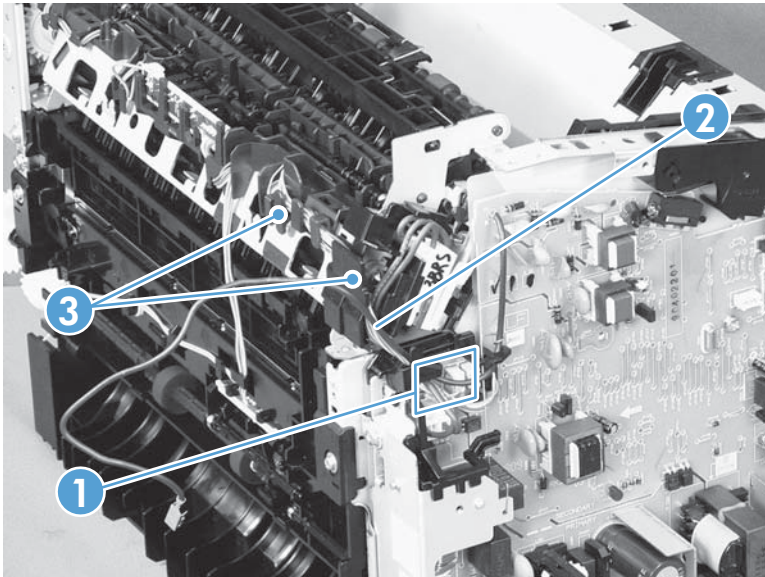
4. Remove five screws (callout 1), and then remove the sheet-metal plate (callout 2).

**Figure 1-129** Remove the pickup solenoid (4 of 7)



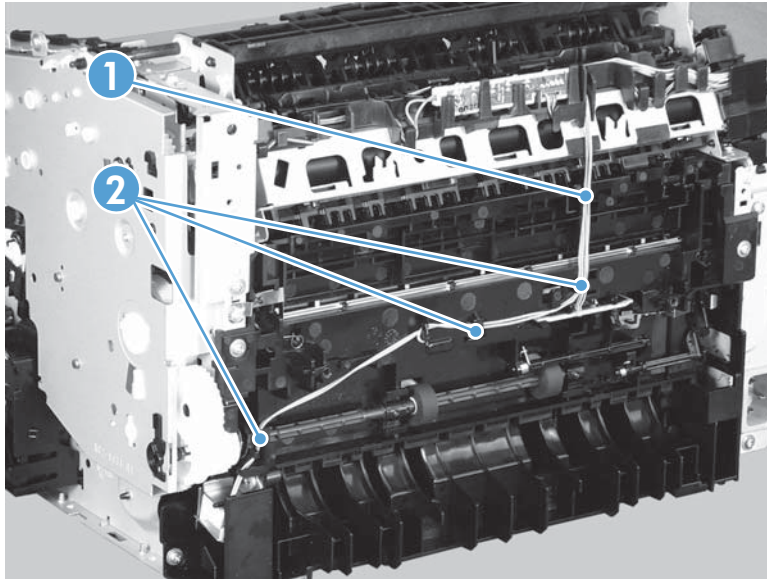
5. Disconnect one connector (callout 1), and then remove the wire harness (callout 2) from the guide (callout 3).

**Figure 1-130** Remove the solenoid (5 of 7)



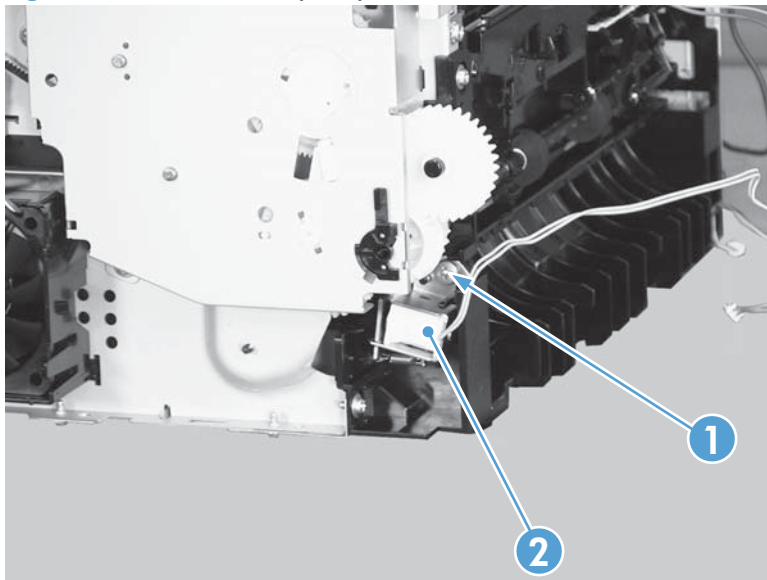
6. Release the wire harness (callout 1) from the guide (callout 2).

**Figure 1-131** Remove the pickup solenoid (6 of 7)



7. Remove one screw (callout 1), and then remove the pickup solenoid (callout 2).

**Figure 1-132** Remove the pickup solenoid (7 of 7)



## Engine controller PCA

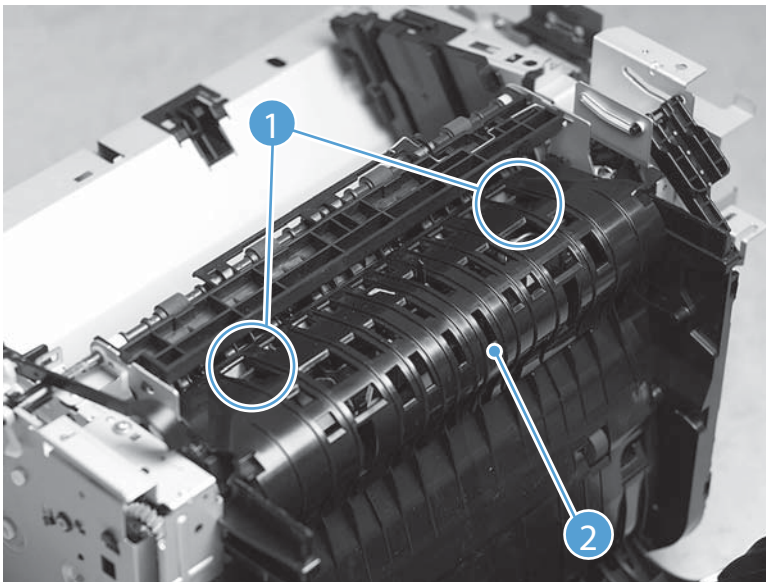
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).
- Rear cover (simplex product) or duplex door (duplex product). See [Rear cover, simplex product on page 22](#) or [Duplex door, duplex product on page 20](#) or [Duplex door on page 46](#).
- Duplex frame (duplex products only). See [Duplex frame, duplex product on page 21](#) or [Duplex frame on page 47](#).
- Cartridge door. See [Cartridge door, duplex product on page 29](#) or [Cartridge door, simplex product on page 23](#) or [Cartridge door on page 48](#).
- Top cover. See [Top cover on page 33](#) or [Top cover on page 52](#).
- Formatter PCA. See [Formatter PCA on page 54](#)

### Remove the engine controller PCA

1. **Duplex models only:** Release two tabs (callout 1), and then remove the duplex reverse guide (callout 2).

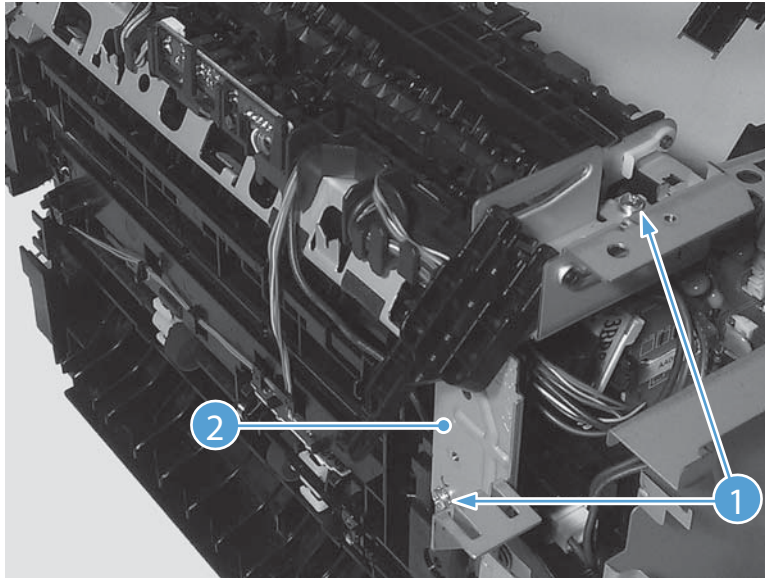
**Figure 1-133** Remove the engine controller PCA (1 of 10)





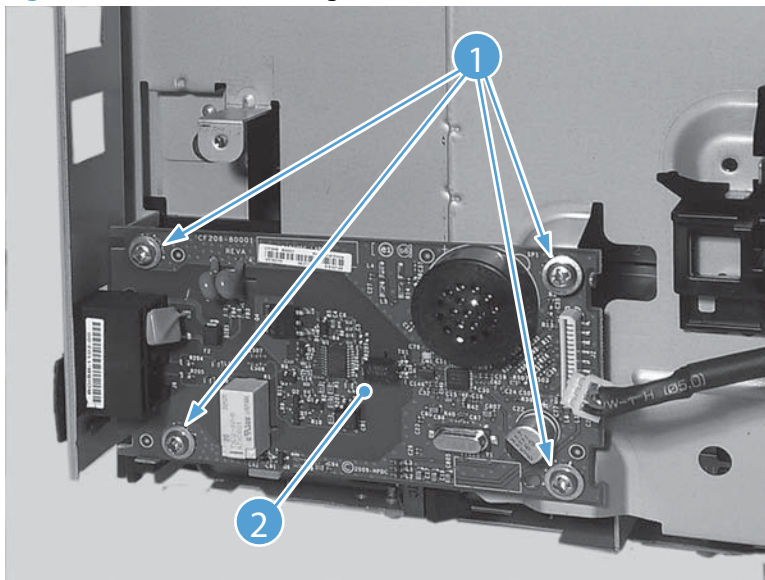
2. Remove two screws (callout 1), and then remove the sheet-metal corner brace (callout 2).

**Figure 1-134** Remove the engine controller PCA (2 of 10)



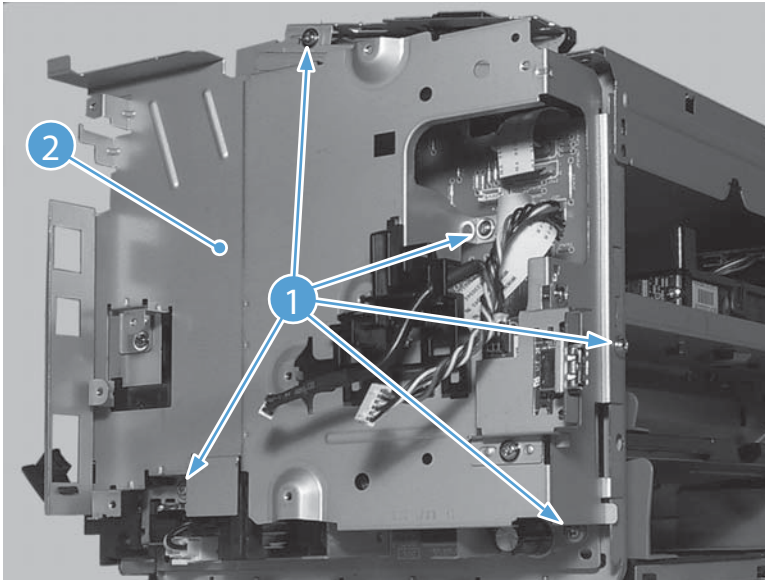
3. Remove four screws (callout 1), and then remove the fax PCA (callout 2).

**Figure 1-135** Remove the engine controller PCA (3 of 10)



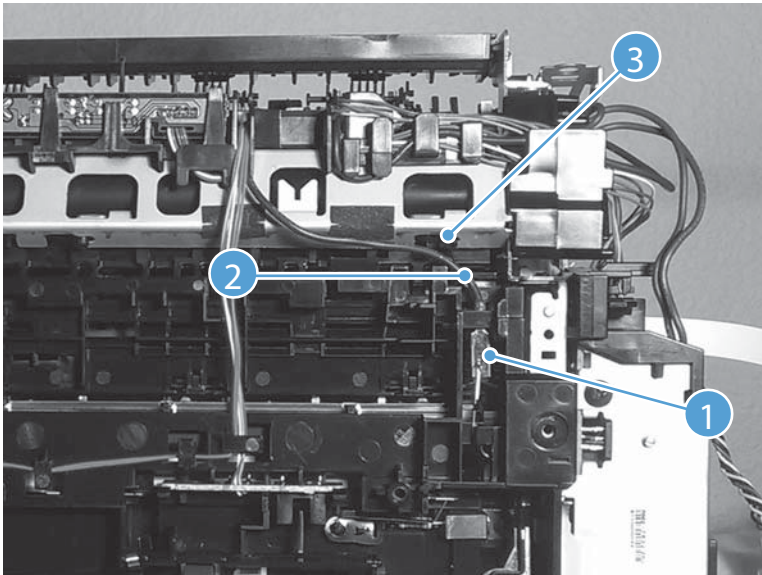
4. Remove five screws (callout 1), and then remove the sheet-metal plate (callout 2).

**Figure 1-136** Remove the engine controller PCA (4 of 10)



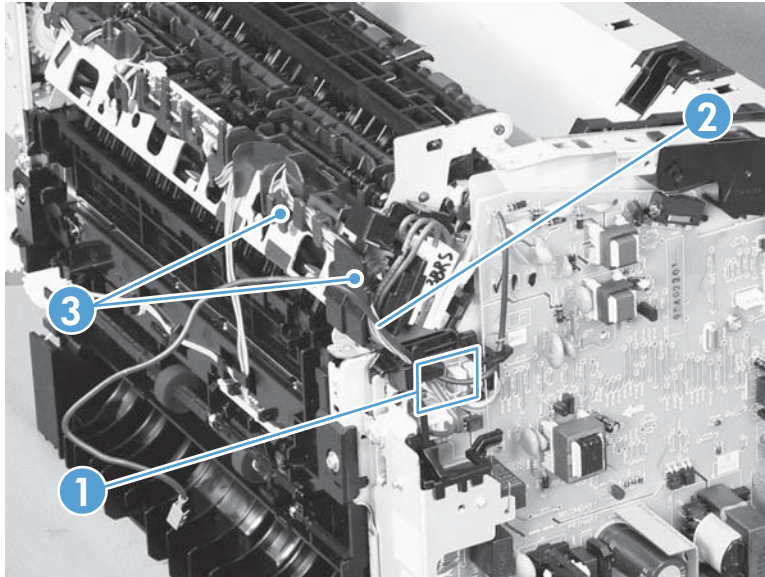
5. Disconnect one connector (callout 1), and then release the wire harness (callout 2) from the guides (callout 3).

**Figure 1-137** Remove the engine controller PCA (5 of 10)



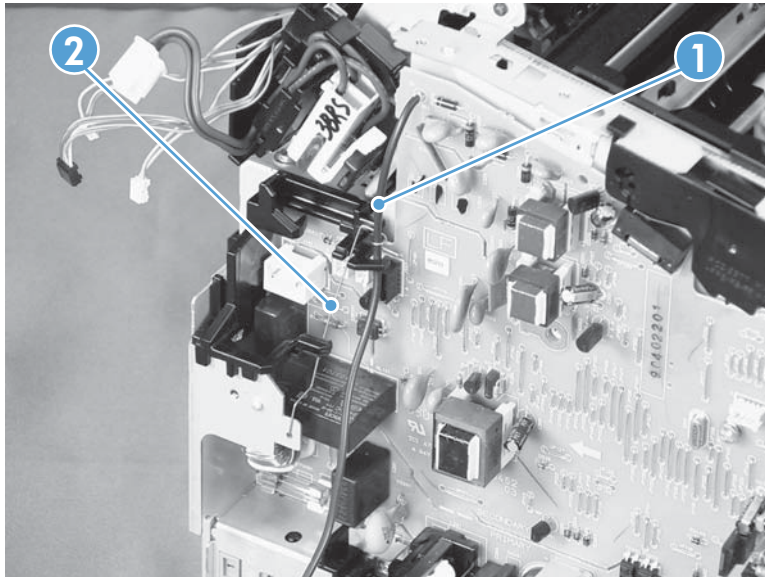
6. Disconnect four connectors (callout 1), and then remove the wire harnesses (callout 2) from the guide (callout 3).

**Figure 1-138** Remove the engine controller PCA (6 of 10)



7. Release the wire harness (callout 1) from the ground spring (callout 2).

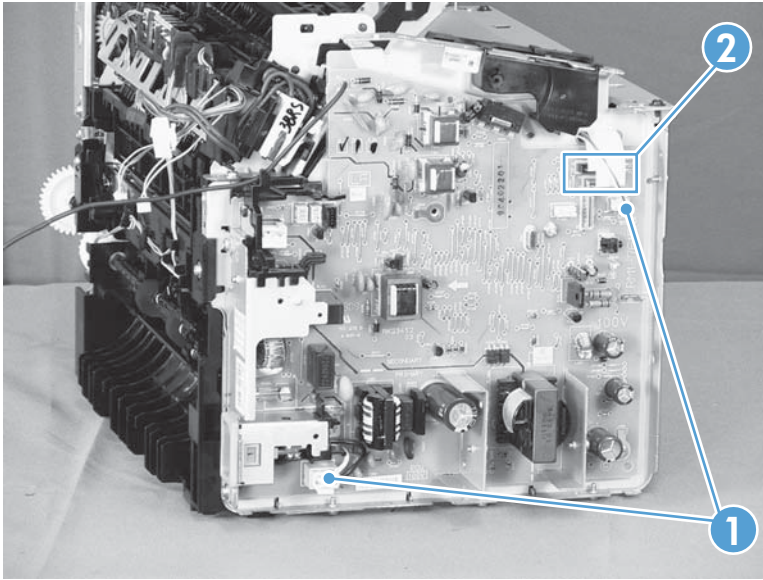
**Figure 1-139** Remove the engine controller PCA (7 of 10)





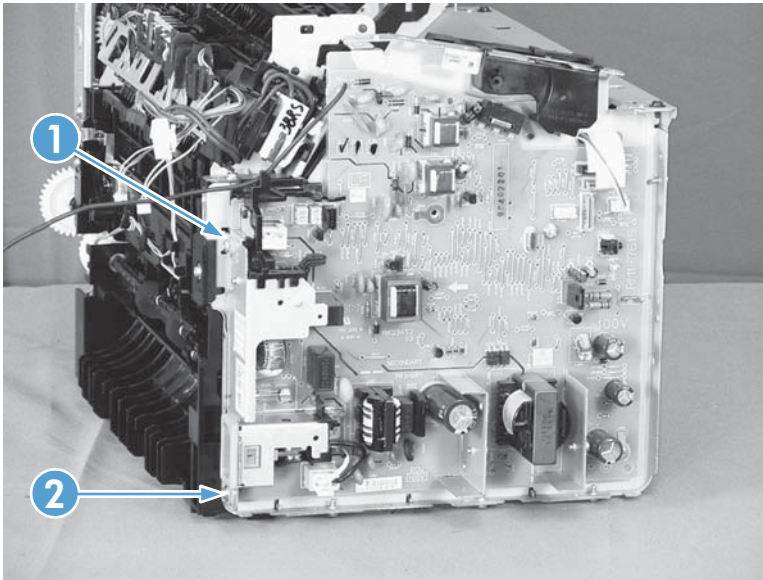
8. Disconnect two connectors (callout 1) and two FFCs (callout 2).

**Figure 1-140** Remove the engine controller PCA (8 of 10)



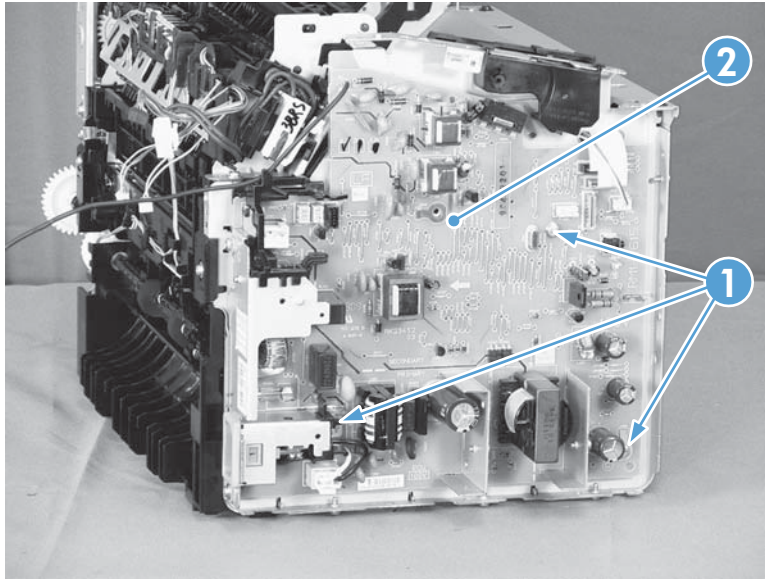
9. Remove one screw with washer (callout 1), and then remove one more screw (callout 2).

**Figure 1-141** Remove the engine controller PCA (9 of 10)




10. Remove three screws with washers (callout 1), and then remove the engine controller PCA (callout 2).

**Figure 1-142** Remove the engine controller PCA (10 of 10)

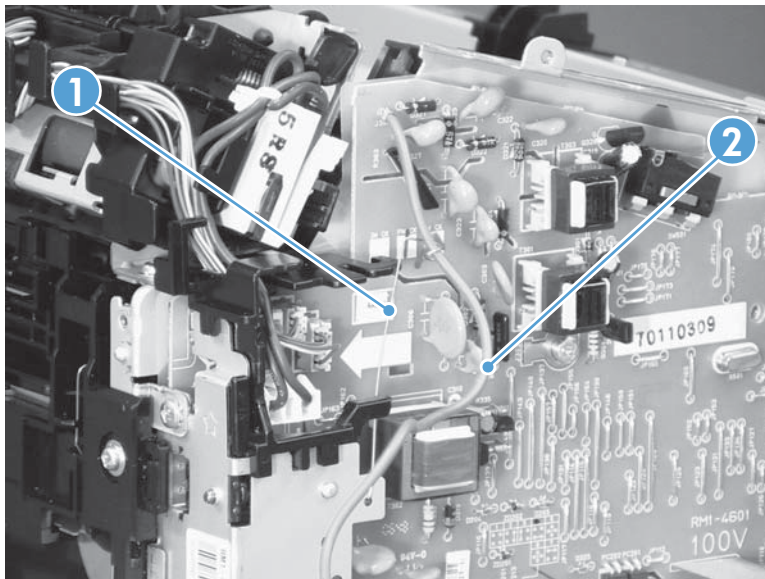


### Reinstall the engine controller PCA

 **NOTE:** In addition to following the reverse order of removal, make sure that you complete these steps to correctly install the transfer-wire harness.

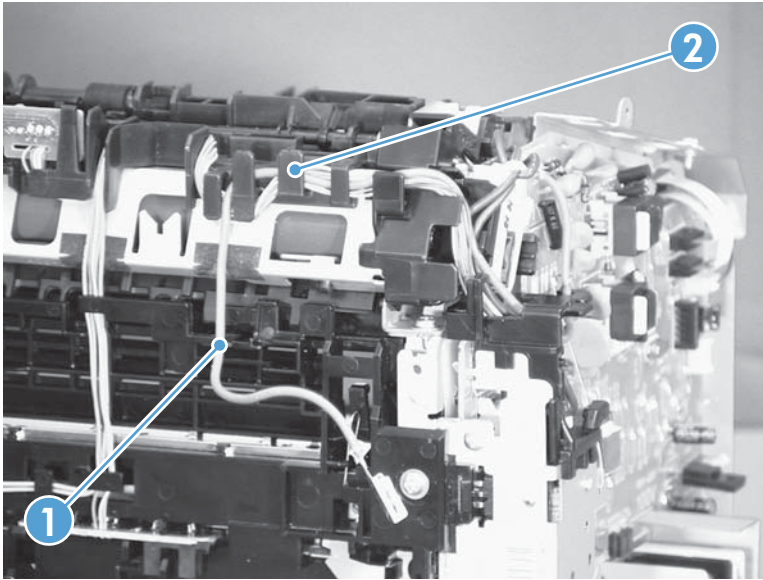
1. Set the ground spring (callout 1) on the transfer-wire harness (callout 2).

**Figure 1-143** Reinstall the engine controller PCA (1 of 4)



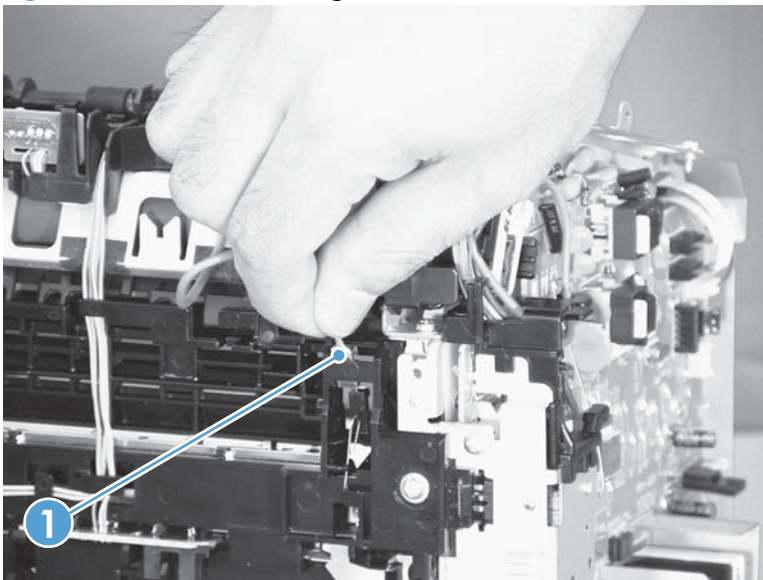
2. Position the transfer-wire harness (callout 1) in the guide (callout 2).

**Figure 1-144** Reinstall the engine controller PCA (2 of 4)



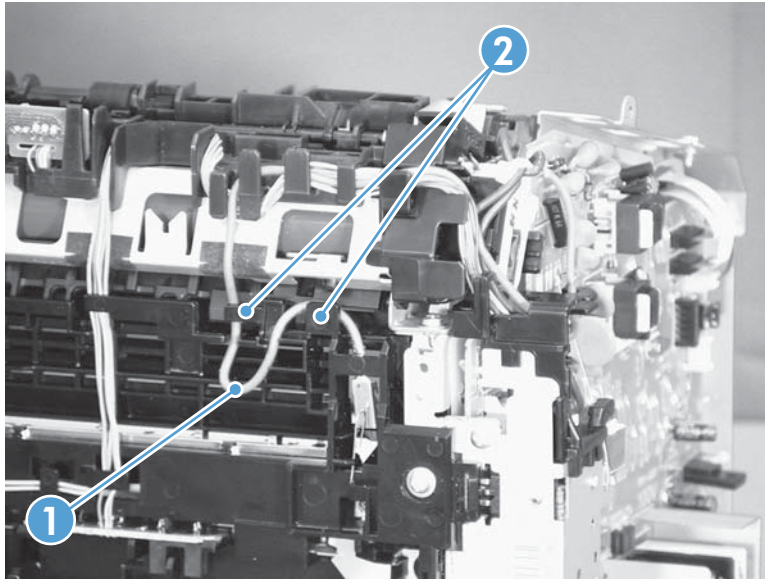
3. Connect one connector (callout 1).

**Figure 1-145** Reinstall the engine controller PCA (3 of 4)



4. Position the transfer-wire harness (callout 1) in the guides (callout 2).

**Figure 1-146** Reinstall the engine controller PCA (4 of 4)





## Duplex-reverse solenoid, duplex product

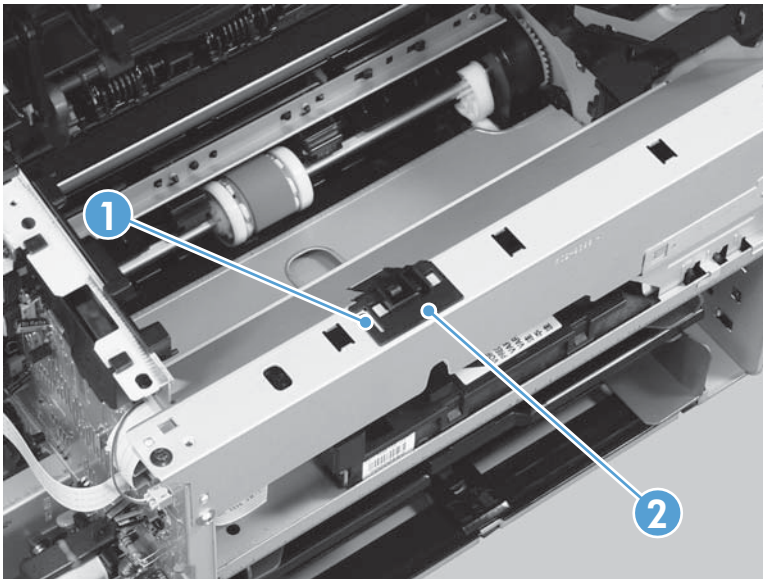
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover on page 40](#).

### Remove the duplex-reverse solenoid

1. Release one tab (callout 1), and then remove the holder (callout 2).


**Figure 1-147** Remove the duplex-reverse solenoid (1 of 5)



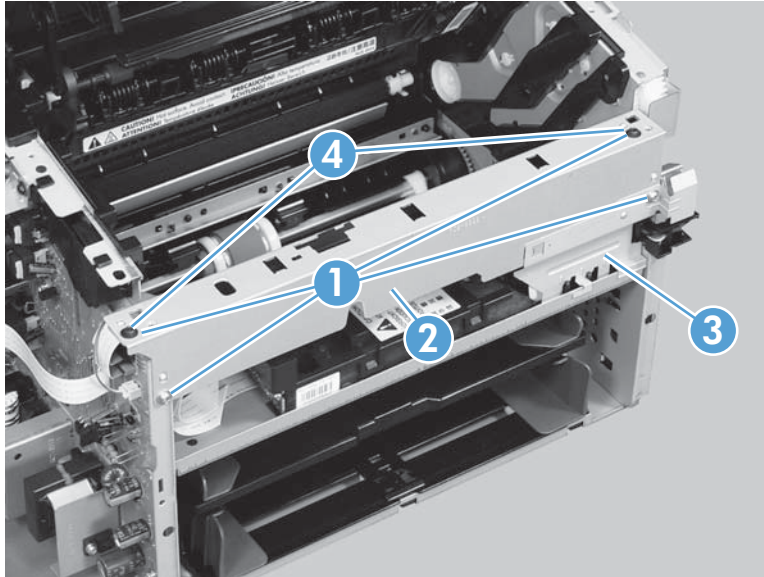


2. Remove four screws (callout 1), the scanner cover (callout 2) and the sheet-metal plate (callout 3).

 **NOTE:** The scanner cover and plate are removed as one assembly.

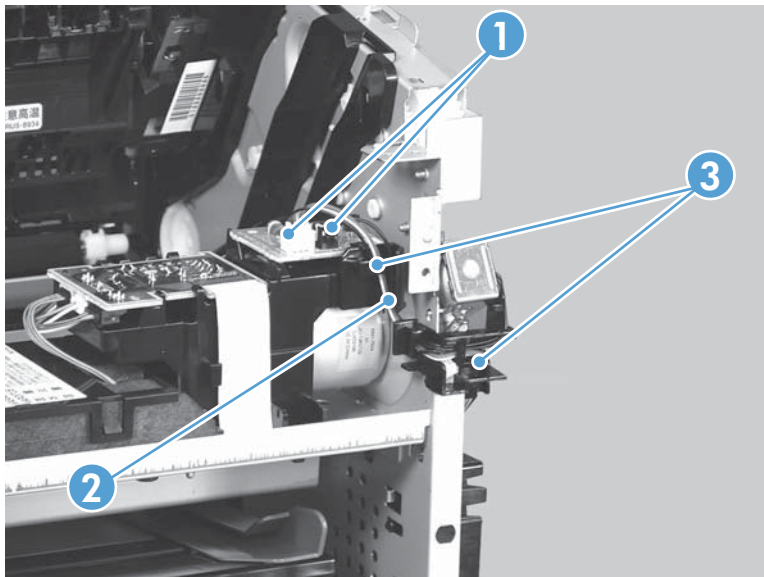
 **TIP:** When the cover is reinstalled, make sure that the black screws (callout 4) are installed in the correct screw holes.

**Figure 1-148** Remove the duplex-reverse solenoid (2 of 5)



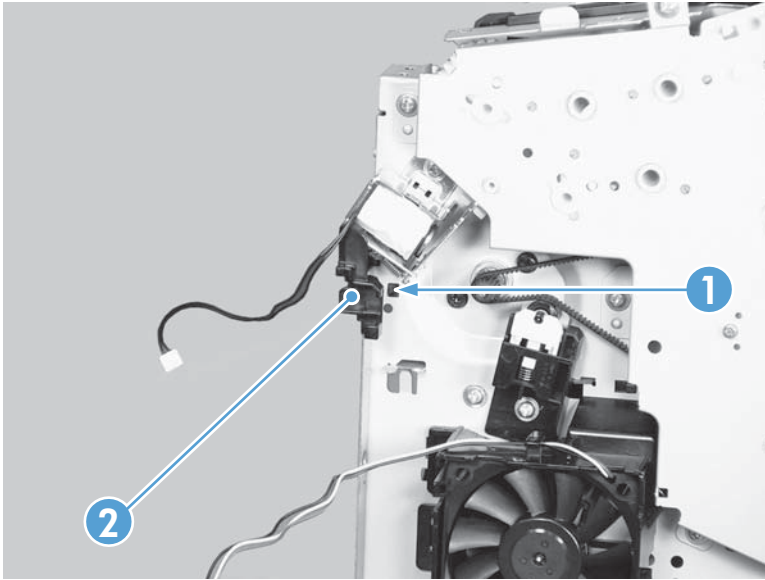
3. Disconnect two connectors (callout 1), and then release the wire harness (callout 2) from the guides (callout 3).

**Figure 1-149** Remove the duplex-reverse solenoid (3 of 5)



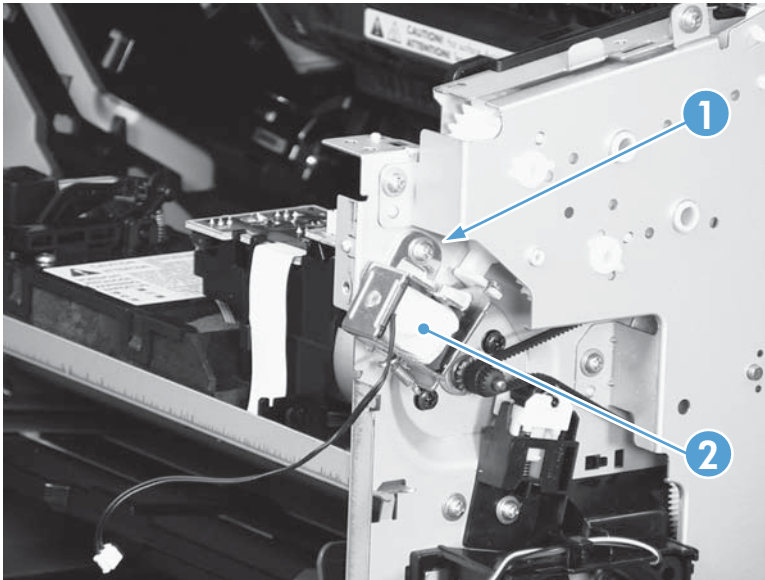
4. Release one tab (callout 1), and then remove the guides (callout 2).

**Figure 1-150** Remove the duplex-reverse solenoid (4 of 5)



5. Remove one screw (callout 1), and then remove the duplex-reverse solenoid (callout 2).

**Figure 1-151** Remove the duplex-reverse solenoid (5 of 5)



## Main fan, duplex product

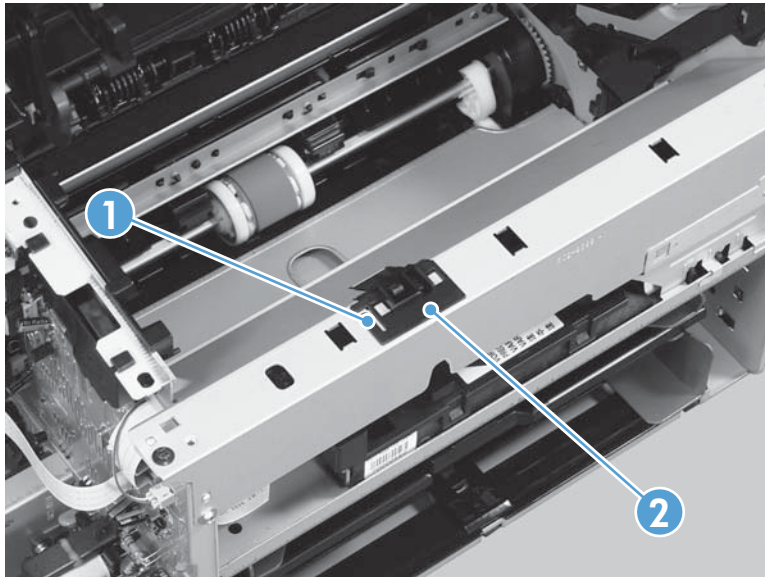
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).


### Remove the main fan


1. Release one tab (callout 1), and then remove the holder (callout 2).

**Figure 1-152** Remove the main fan (1 of 4)

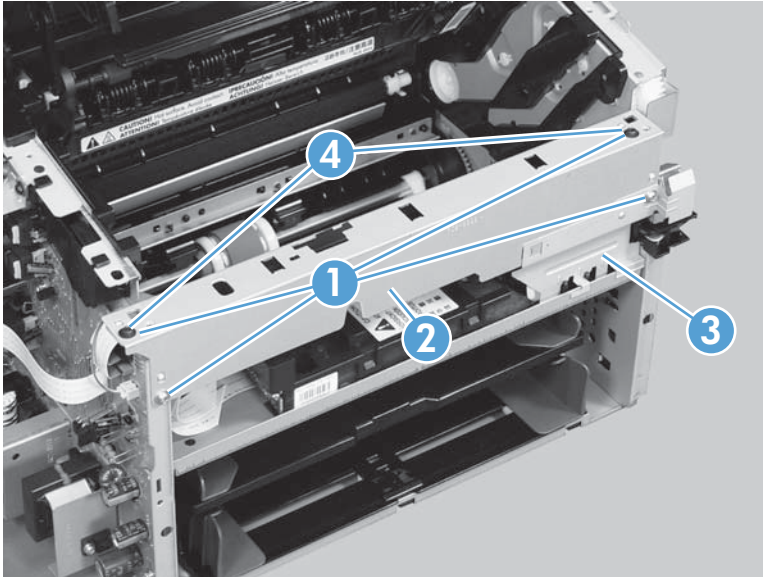


2. Remove four screws (callout 1), the scanner cover (callout 2) and the sheet-metal plate (callout 3).

 **NOTE:** The scanner cover and plate are removed as one assembly.

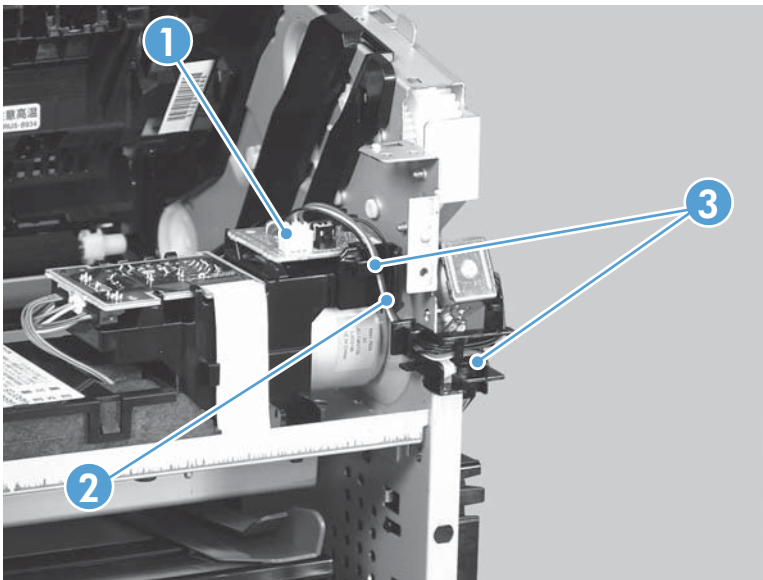
 **TIP:** When the cover is reinstalled, make sure that the black screws (callout 4) are installed in the correct screw holes.

**Figure 1-153** Remove the main fan (2 of 4)



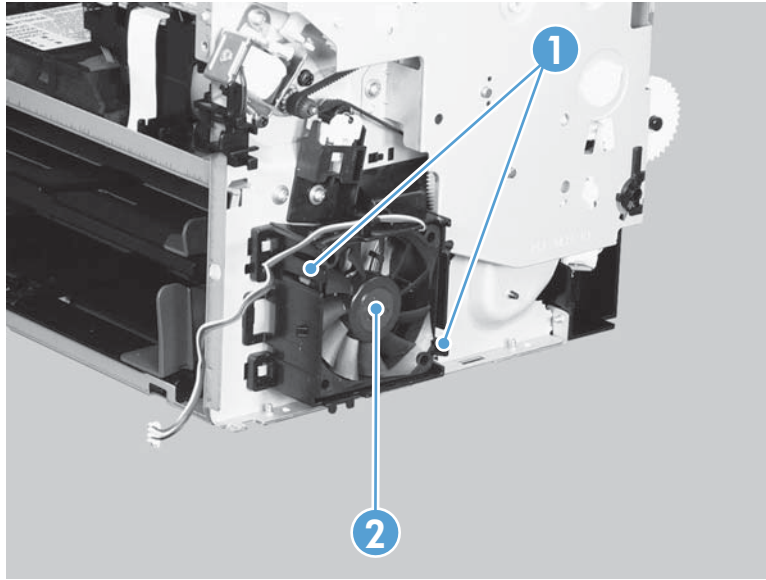
3. Disconnect one connector (callout 1), and then release the wire harness (callout 2) from the guides (callout 3).

**Figure 1-154** Remove the main fan (3 of 4)



4. Release two tabs (callout 1), and then remove the main fan (callout 2).

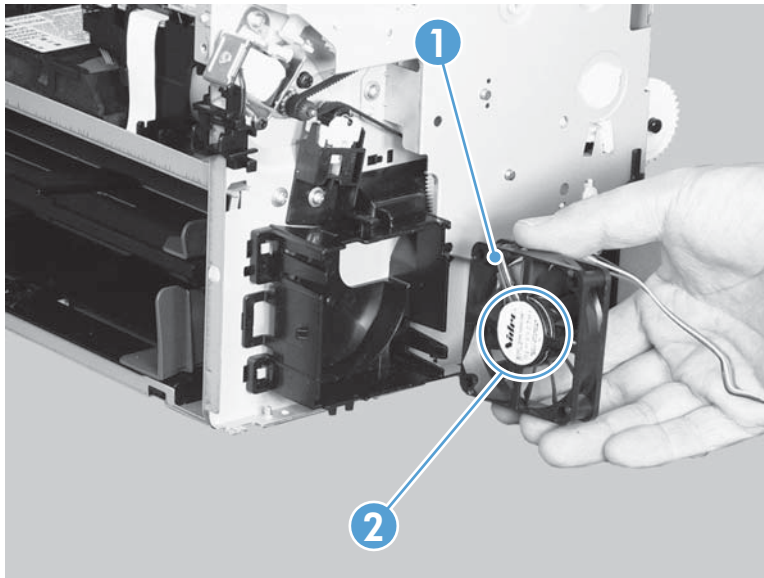
**Figure 1-155** Remove the main fan (4 of 4)



#### Reinstall the main fan

When the main fan is reinstalled, make sure that the wire harness (callout 1) is correctly positioned, and that the label (callout 2) on the fan faces the inside of the product.

**Figure 1-156** Reinstall the main fan





## Duplex-connector PCA, duplex product

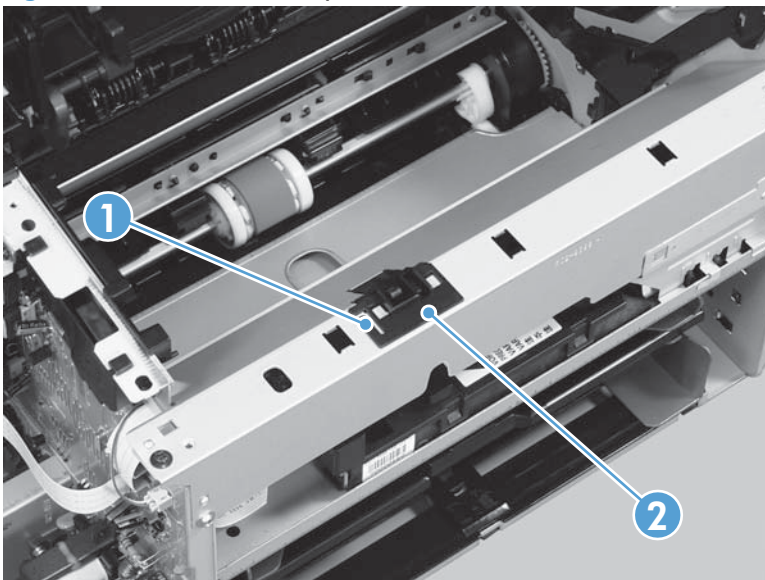
### Before proceeding, remove the following components:

- Dust cover. See [Dust cover on page 11](#) or [Dust cover on page 36](#)
- Input tray assembly. See [Input tray assembly on page 11](#) or [Input tray assembly on page 36](#).
- Output tray assembly. See [Output tray assembly on page 11](#) or [Output tray assembly on page 37](#).
- Left cover. See [Left cover, duplex product on page 12](#) or [Left cover, simplex product on page 13](#) or [Left cover on page 37](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).
- Right cover. See [Right cover, duplex product on page 16](#) or [Right cover, simplex product on page 18](#) or [Right cover on page 40](#).
- Front cover assembly. See [Front cover assembly on page 15](#) or [Front cover assembly on page 38](#).

### Remove the duplex-connector PCA


1. Release one tab (callout 1), and then remove the holder (callout 2).

**Figure 1-157** Remove the duplex-connector PCA (1 of 5)

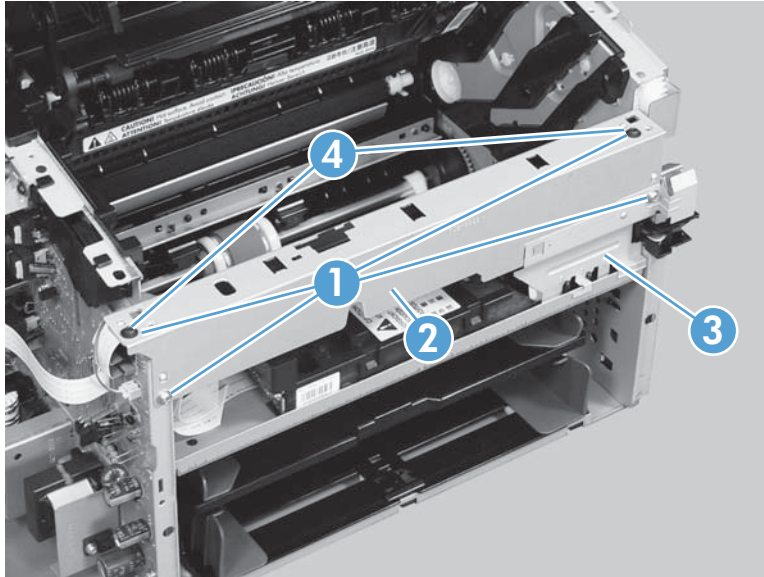


2. Remove four screws (callout 1), the scanner cover (callout 2) and the sheet-metal plate (callout 3).

 **NOTE:** The scanner cover and plate are removed as one assembly.

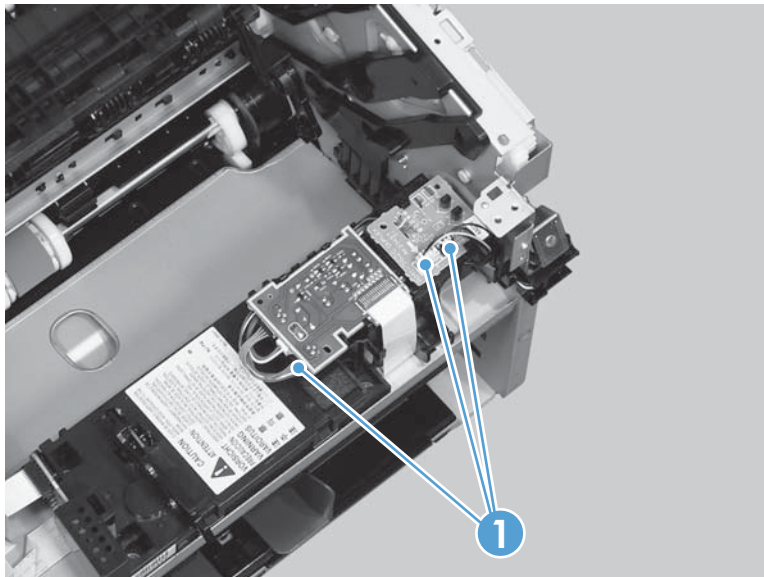
 **TIP:** When the cover is reinstalled, make sure that the black screws (callout 4) are installed in the correct screw holes.

**Figure 1-158** Remove the duplex-connector PCA (2 of 5)



3. Disconnect three connectors (callout 1)

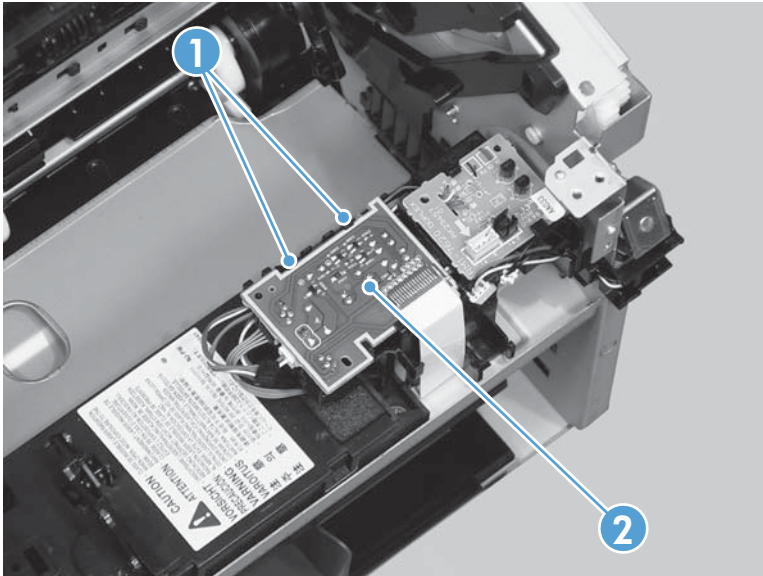
**Figure 1-159** Remove the duplex-connector PCA (3 of 5)



4. Release two tabs (callout 1), and then slightly separate the motor driver PCA (callout 2) from the product.

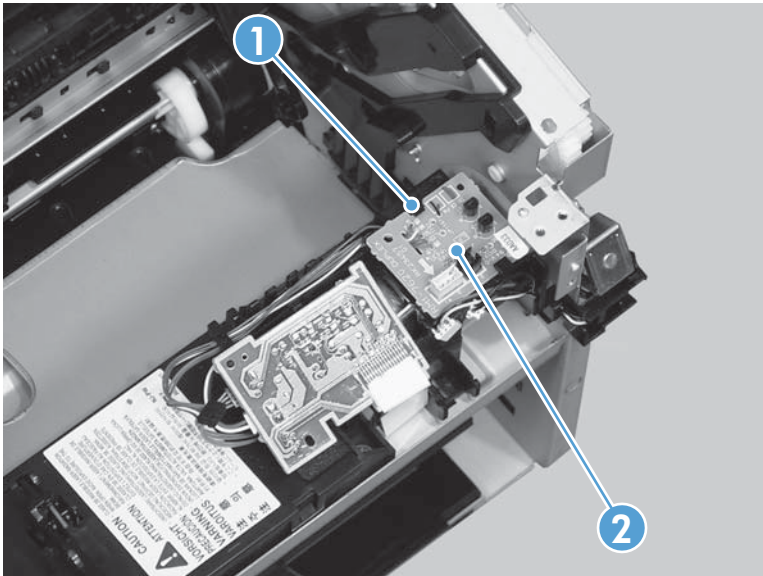
**⚠ CAUTION:** The motor driver PCA is still connected to the product by the wire harnesses and a FFC.

**Figure 1-160** Remove the duplex-connector PCA (4 of 5)



5. Release one tab (callout 1), and then remove the duplex-connector PCA (callout 2).

**Figure 1-161** Remove the duplex-connector PCA (5 of 5)





## Automatic document feeder and scanner components



**NOTE:** This section describes replacement and removal of individual scanner components. To remove the complete scanner assembly, see [Scanner assembly on page 43](#).

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## Document feeder cover

1. Open the document feeder cover to the first click stop.

**Figure 1-162** Remove the document feeder cover (1 of 3)



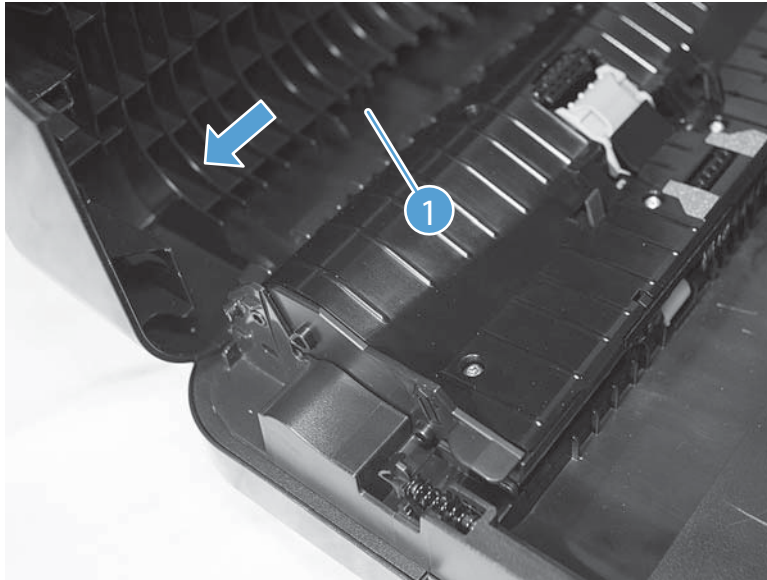
2. Carefully open the document feeder cover to the fully-open position.

**Figure 1-163** Remove the document feeder cover (2 of 3)



3. Remove the document feeder cover (callout 1) by moving it toward the front of the product.

**Figure 1-164** Remove the document feeder cover (3 of 3)



## Document feeder pick arm assembly

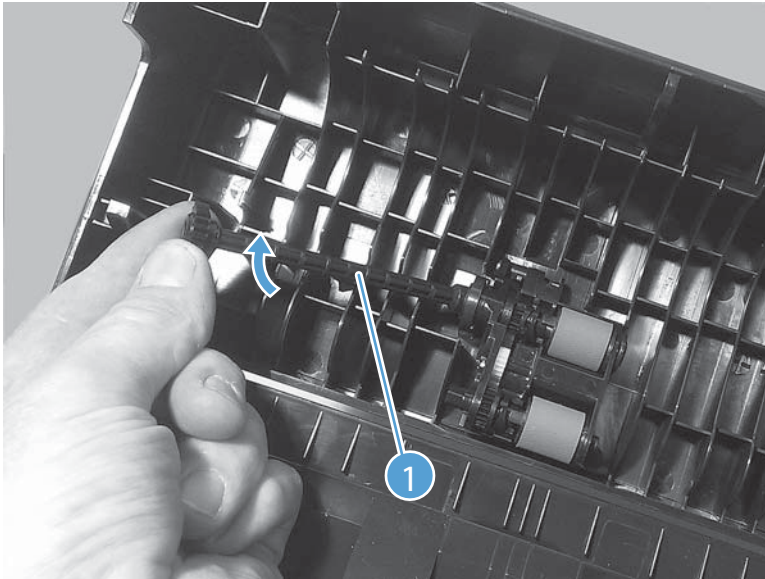
Before proceeding, remove the following components:

- Document feeder cover. See [Document feeder cover on page 106](#).

### Remove the document feeder pick arm assembly

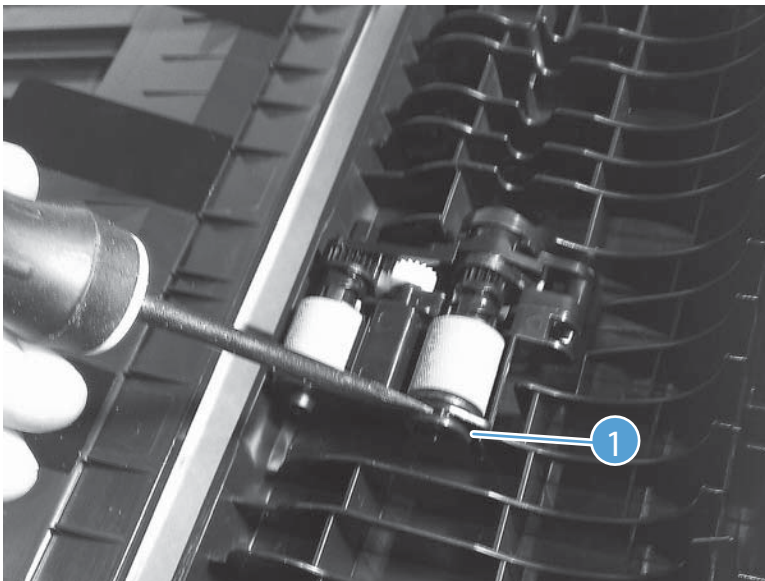
1. Remove the pick extension shaft (callout 1).

**Figure 1-165** Remove the document feeder pick arm assembly (1 of 3)



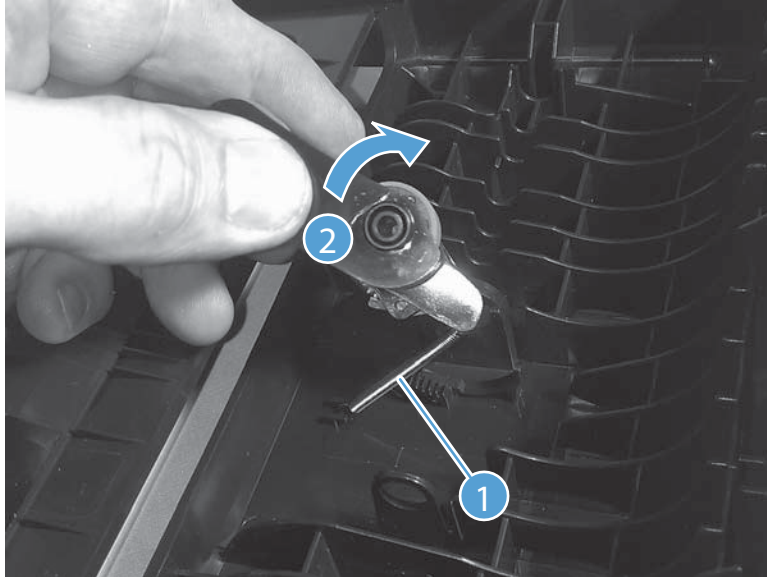
2. Release one tab (callout 1).

**Figure 1-166** Remove the document feeder pick arm assembly (2 of 3)



3. Disconnect the spring that is underneath the pick arm assembly (callout 1), and then rotate the pick arm assembly to remove it (callout 2).

**Figure 1-167** Remove the document feeder pick arm assembly (3 of 3)



## Document feeder core assembly

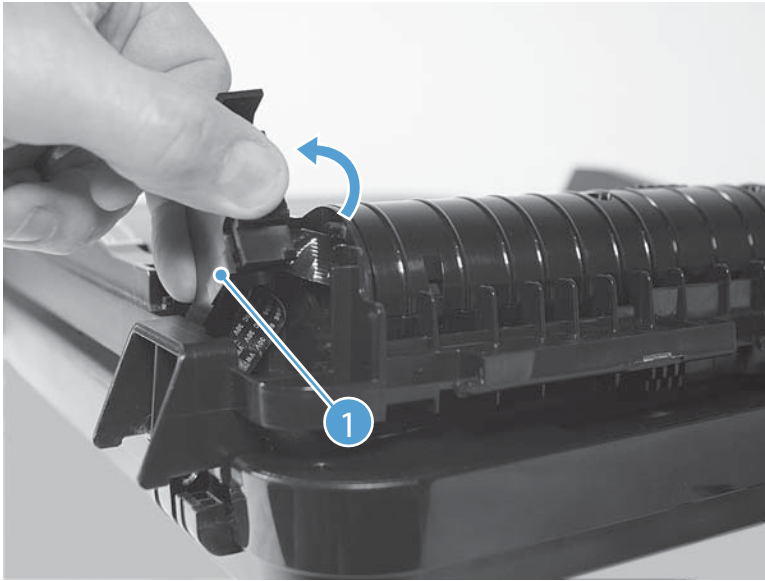
Before proceeding, remove the following component:

- Document feeder cover. See [Document feeder cover on page 106](#).

### Remove the document feeder core assembly

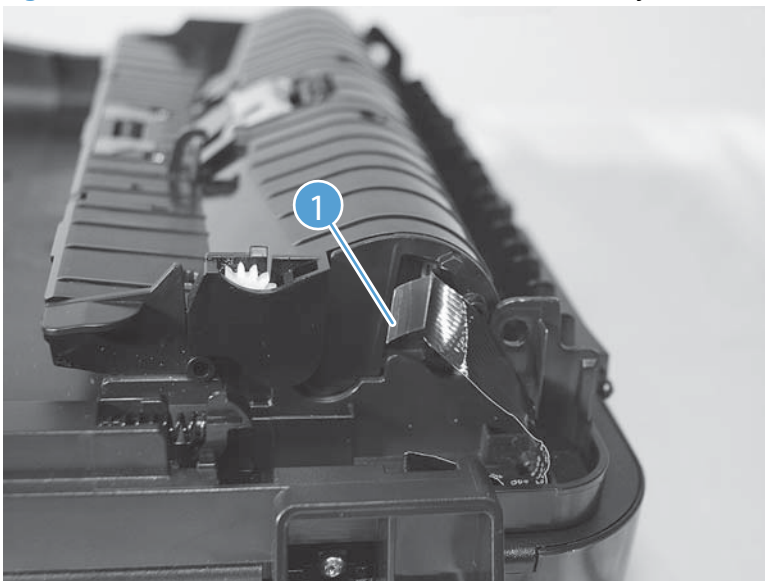
1. Pinch and rotate the cable cover (callout 1) to remove it.

**Figure 1-168** Remove the document feeder core assembly (1 of 5)



2. Remove one FFC using the blue tab (callout 1).

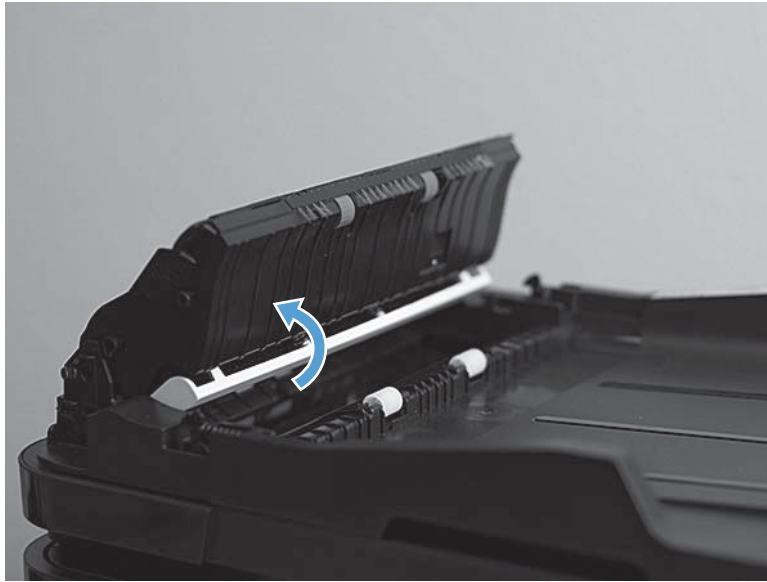
**Figure 1-169** Remove the document feeder core assembly (2 of 5)



**TIP:** The orientation of the FFC is important. When reinstalling it, make sure the blue tab is toward the product right side. If the FFC is installed upside-down, the document feeder does not work.

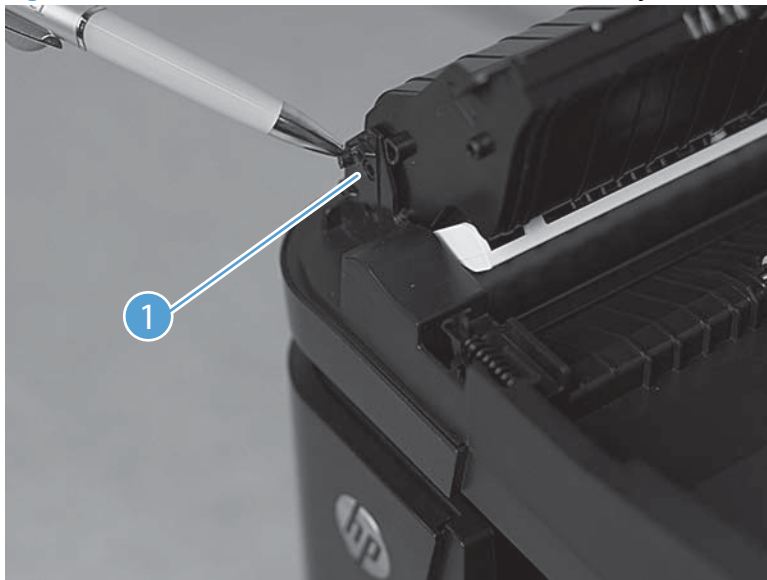
3. Rotate the document feeder core assembly to the upright position.

**Figure 1-170** Remove the document feeder core assembly (3 of 5)



4. Release one tab (callout 1).

**Figure 1-171** Remove the document feeder core assembly (4 of 5)





5. Remove the document feeder core assembly.

**Figure 1-172** Remove the document feeder core assembly (5 of 5)



## Post scan pinch rollers

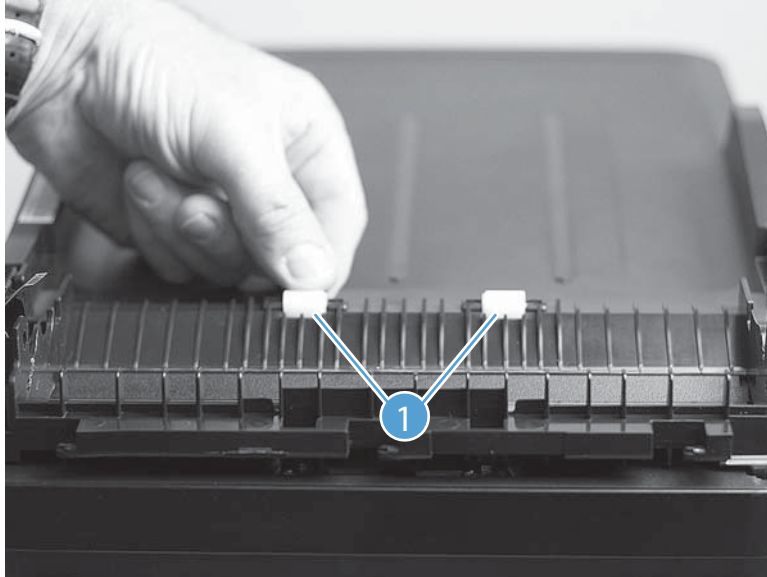
Before proceeding, remove the following components:

- Document feeder cover. See [Document feeder cover on page 106](#).
- Document feeder core. See [Document feeder core assembly on page 110](#).

### Remove the post scan pinch rollers

- ▲ Remove the post scan pinch rollers (callout 1).

**Figure 1-173** Remove the post scan pinch rollers



## Document feeder base assembly

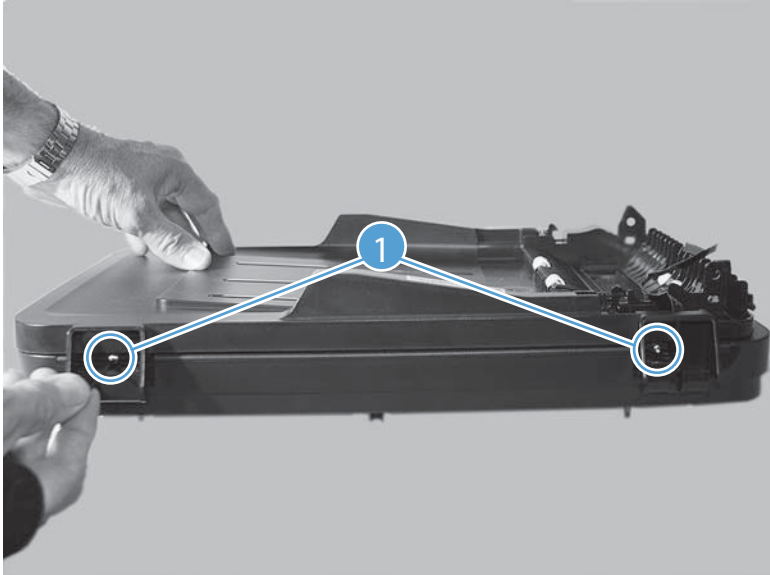
Before proceeding, remove the following components:

- Document feeder cover. See [Document feeder cover on page 106](#).
- Document feeder core. See [Document feeder core assembly on page 110](#).

### Remove the document feeder base assembly

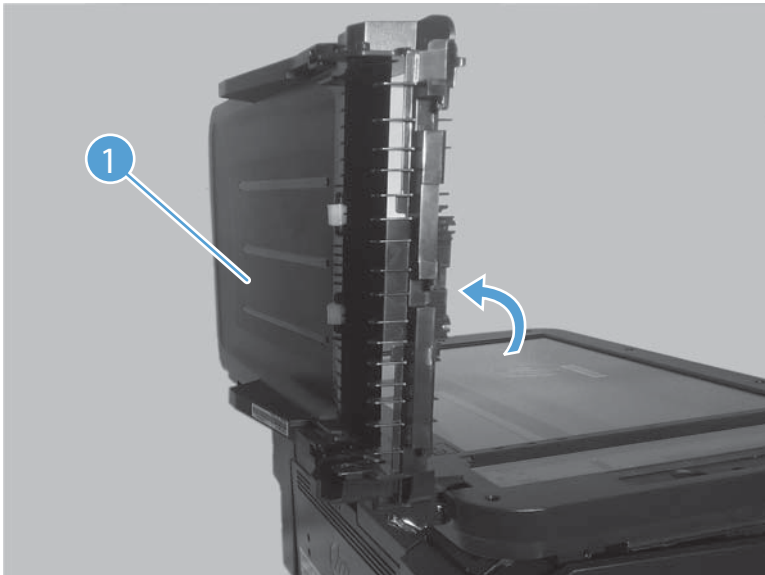
1. Remove two screws (callout 1).

**Figure 1-174** Remove the document feeder base assembly (1 of 4)



2. Open the document feeder base (callout 1) to the upright position.

**Figure 1-175** Remove the document feeder base assembly (2 of 4)



3. Lift the left side of the document feeder base, and then carefully remove the FFC (circled).

**CAUTION:** Do not damage the FFC (circled) that runs through the document feeder base. Carefully feed the FFC through the slot during removal and during replacement.

**Figure 1-176** Remove the document feeder base assembly (3 of 4)



4. Temporarily set the left side of the document feeder base back onto its hinge, and then firmly lift the document feeder base straight up to remove it from the scanner base.

**Figure 1-177** Remove the document feeder base assembly (4 of 4)





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## 2 Parts and diagrams: HP LaserJet Pro M201/ M202 Printer series

- [Order parts by authorized service providers](#)
- [How to use the parts lists and diagrams](#)
- [Covers](#)
- [Internal assemblies](#)
- [Alphabetical parts list](#)
- [Numerical parts list](#)



# Order parts by authorized service providers

## Order replacement parts

**Table 2-1 Order parts, accessories, and supplies**

Order supplies and paper	<a href="http://www.hp.com/go/suresupply">www.hp.com/go/suresupply</a>
Order genuine HP parts or accessories	<a href="http://www.hp.com/buy/parts">www.hp.com/buy/parts</a>
Order through service or support providers	Contact an HP-authorized service or support provider.

## Related documentation

**Table 2-2 Related documentation**

Item	Description	Part number
<i>HP LaserJet Pro M201/M202 Printer series User Guide</i>	Product user guide.	Need part number
<i>HP LaserJet Pro M201/M202 Printer series Service Manual</i>	English service manual (this manual)	N/A

## Supplies part numbers

**Table 2-3 Supplies part numbers**


Item	Cartridge number	Part number (service)
High-capacity black toner cartridge, HP LaserJet Pro M201 series	CF283X	CF484-67903
Standard-capacity black toner cartridge, HP LaserJet Pro M201 series	CF283A	CF283-67902
Standard-capacity black toner cartridge, HP LaserJet Pro M202 series	CC388A	CC388-67901

## Customer self repair parts

**Table 2-4 Customer replaceable units (CRU) kit part numbers**

Description	Part number
Separation pad assembly	RM1-4227-000
Kit, pickup roller	RL1-3642-000
Dust cover	RC3-3902-000
Paper delivery tray assembly	RM1-9649-000
Paper pickup tray assembly	RM1-9677-000

## Service parts

 **NOTE:** The parts in the following table are not shown in the assembly illustrations in this chapter.

Description	Part number
PCA-Formatter Wireless WW (wireless products only)	CZ229-60001
UMBER 802.11N DUAL BAND STRA CONN (wireless products only)	1150-7957

## Whole-unit replacement part numbers


 **NOTE:** Whole-unit replacement products include the formatter PCA.


**Table 2-5 Whole-unit replacement part numbers**

Description	Part number
Product-Replacement 220V M201N AP	CF455-67902
Product-Exchange 220V M201N EU	CF455-69002
Product-Replacement 220V M201DW AP	CF456-67901
Product-Exchange 220V M201DW EU	CF456-69001
Product-Replacement 220V M202N CH	C6N20-67901
Product-Replacement 220V M202N IN	C6N20-67902
Product-Replacement 220V M202DW CH	C6N21-67903
Product-Replacement 220V M202DW IN	C6N21-67904

## How to use the parts lists and diagrams

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 **CAUTION:** Be sure to order the correct part. When looking for part numbers for electrical components, pay careful attention to the voltage that is listed. Doing so will make sure that the part number selected is for the correct model.

 **NOTE:** In this manual, 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.

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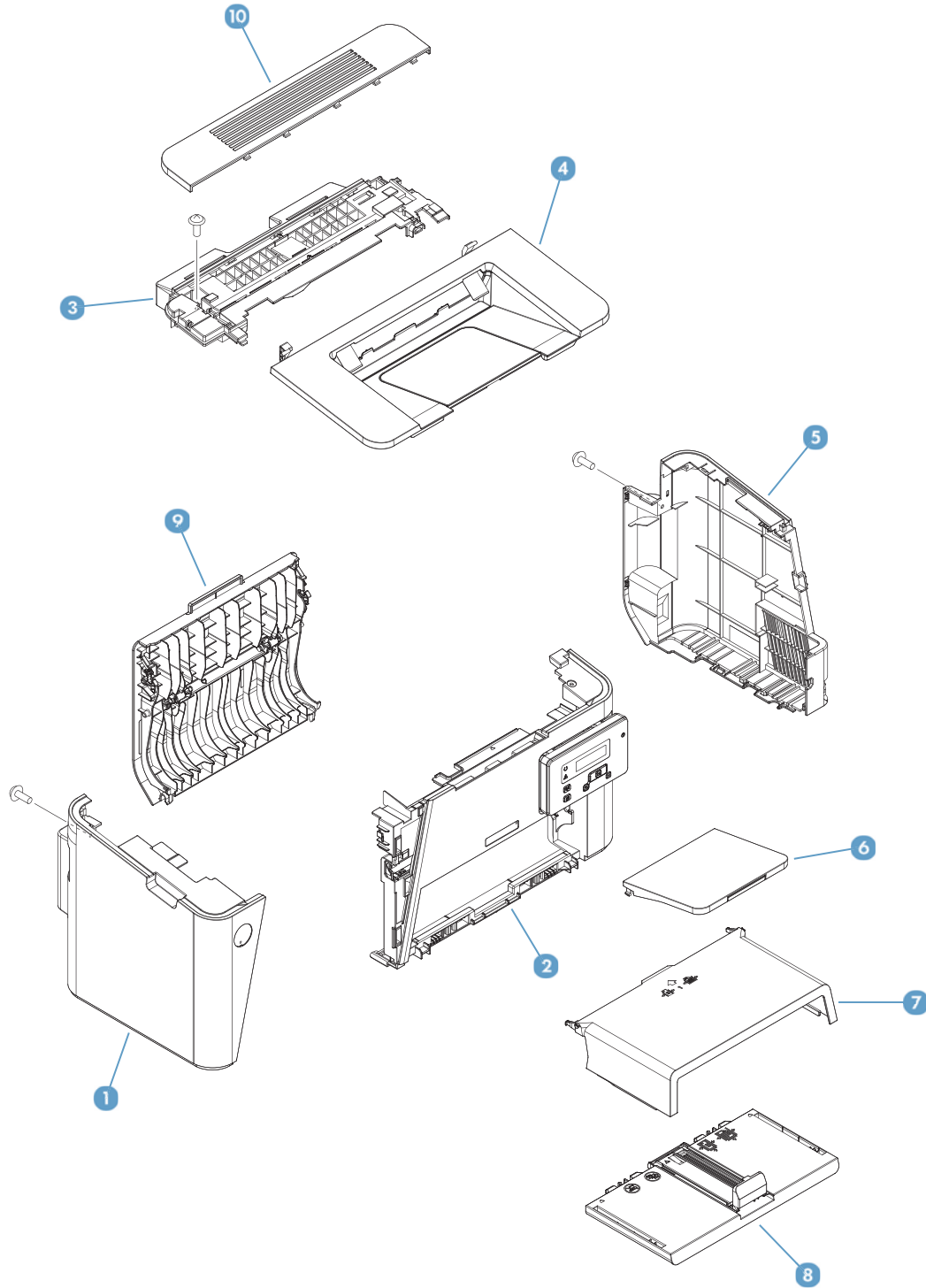
The figures in this chapter show the major subassemblies in the product and their component parts. A parts list table follows each exploded view assembly diagram. Each table lists the item number, the associated part number, and the description of each part. If a part is not listed in the table, then it is not a field replacement unit (FRU).



# Covers

## Duplex product

Figure 2-1 External panels and covers, duplex product

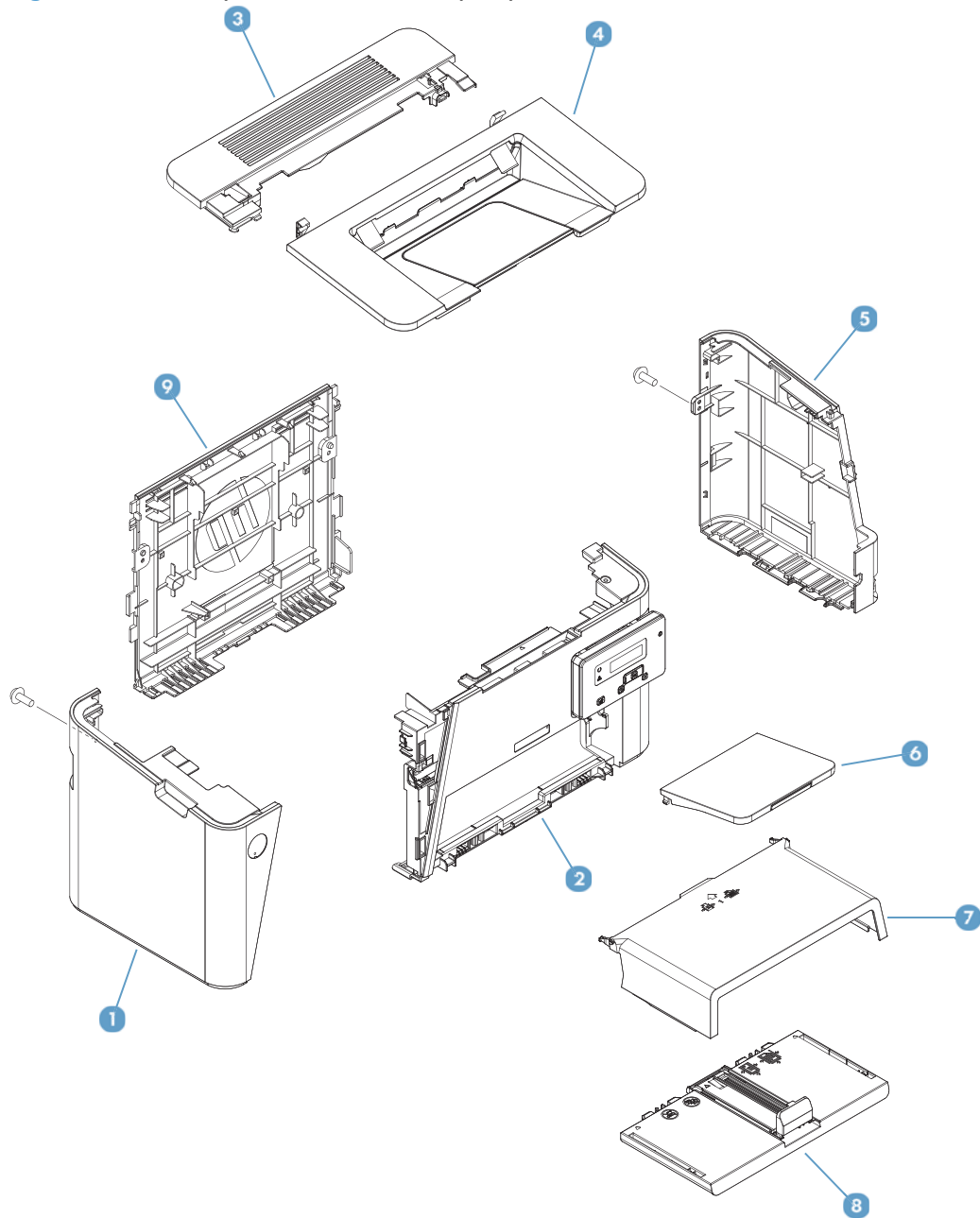


**Table 2-6 External panels and covers, duplex product**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Cover, left (duplex product)	RL1-3671-000	1
2	Front cover assembly (duplex product)	RM2-0411-000	1
3	Cover, top (duplex product)	RC3-3898-000	1
4	Cartridge door assembly	RM1-9652-000	1
5	Cover, right (duplex product)	RC3-3900-000	1
6	Paper delivery tray assembly	RM1-9649-000	1
7	Cover, dust	RC3-3902-000	1
8	Paper pick-up tray assembly	RM1-9677-000	1
9	Duplexing door assembly	RM1-9654-000	1
10	Cap (duplex product)	RC3-3923-000	1

## Simplex product

Figure 2-2 External panels and covers, simplex product





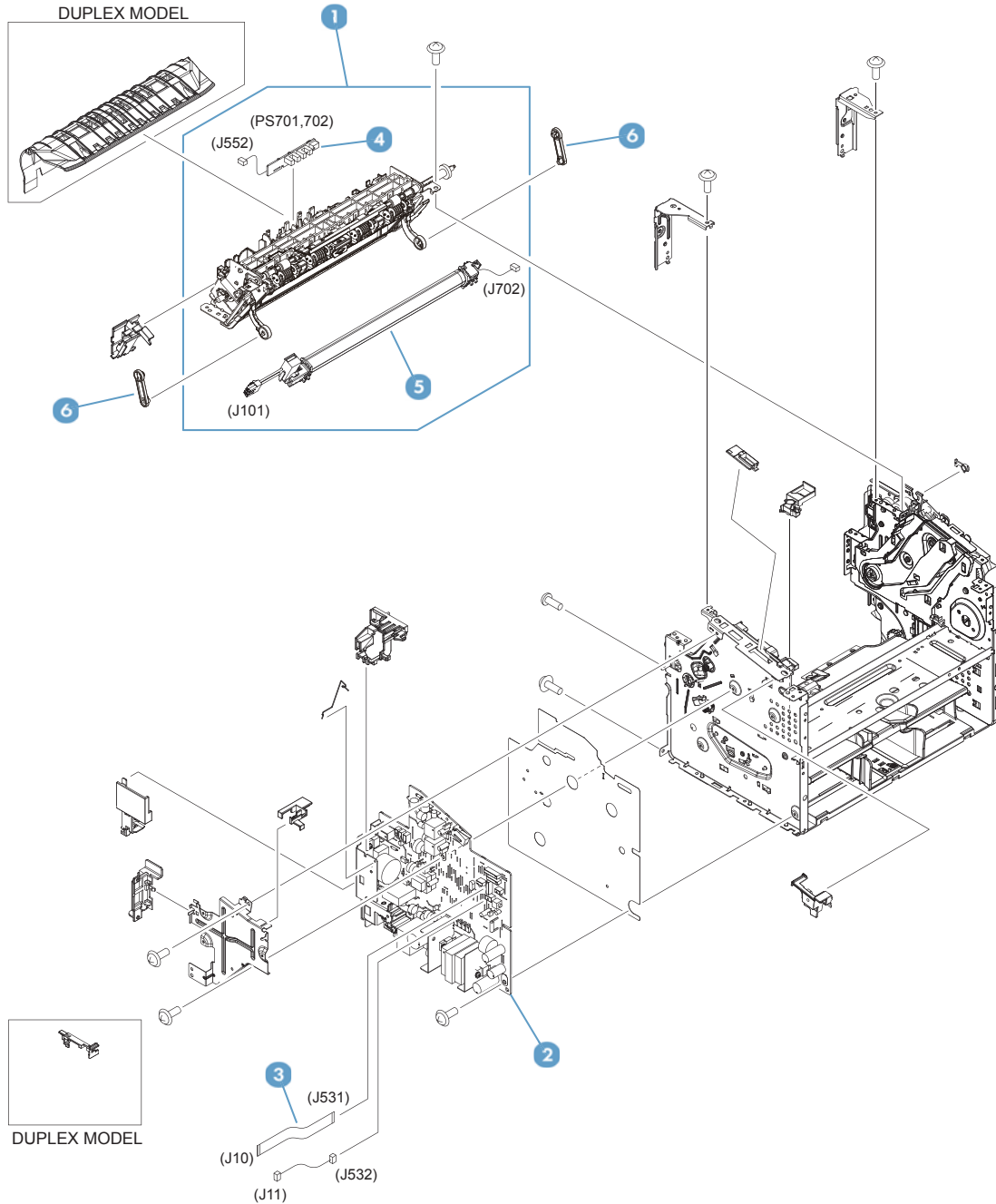
**Table 2-7 External panels and covers, simplex product**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Cover, left (simplex product)	RL1-4079-000	1
2	Front cover assembly (simplex product)	RM2-0414-000	1
3	Cover, top (simplex product)	RC3-3899-000	1
4	Cartridge door assembly	RM1-9652-000	1
5	Cover, right (simplex product)	RC3-3901-000	1
6	Paper delivery tray assembly	RM1-9649-000	1
7	Cover, dust	RC3-3902-000	1
8	Paper pick-up tray assembly	RM1-9677-000	1
9	Cover, rear (simplex product)	RL1-3666-000	1

# Internal assemblies

## Internal assemblies (1 of 3)

Figure 2-3 Internal assemblies (1 of 3)

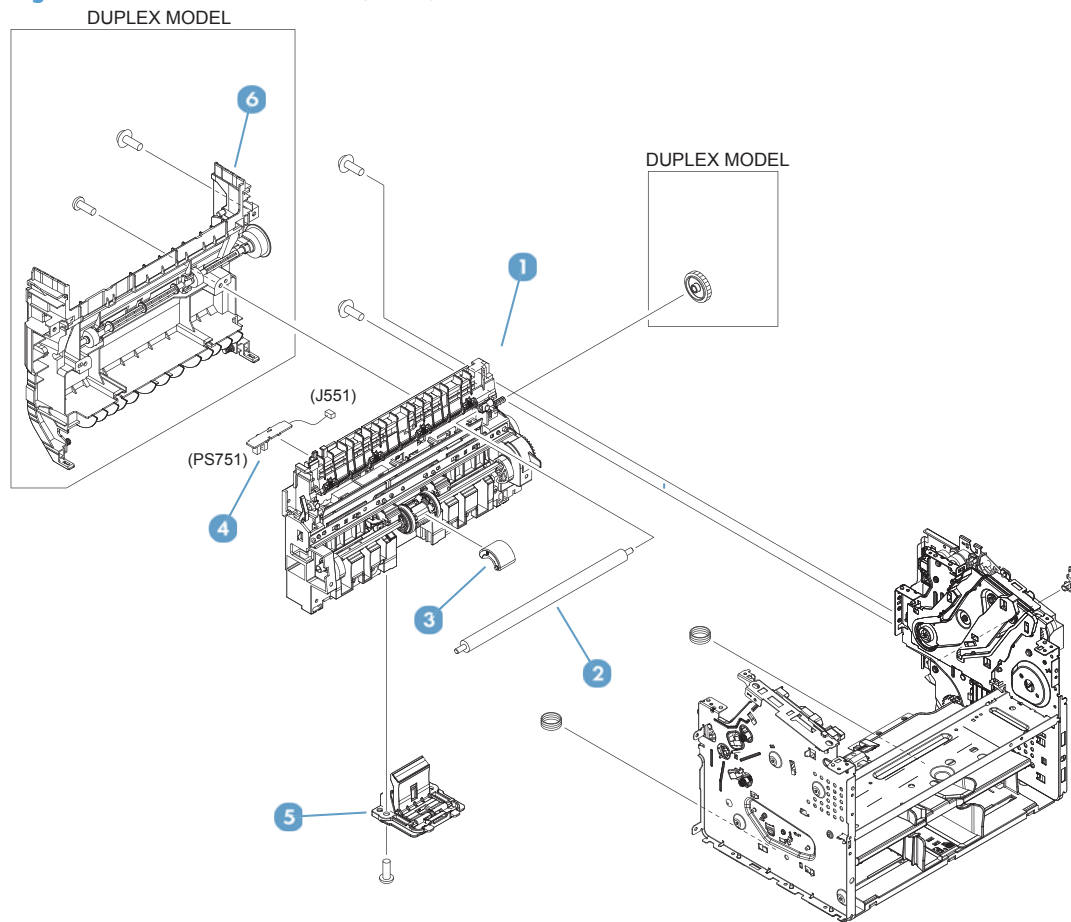


**Table 2-8 Internal assemblies (1 of 3)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Fixing assembly, 110-127V	RM1-9658-000	1
1	Fixing assembly, 220-240V	RM1-9659-000	1
2	Engine control PCB assembly, 110-127V	RM2-7605-000	1
2	Engine control PCB assembly, 220-240V	RM2-7606-000	1
2	Engine control PCB assembly, 220-240V, CH IN	RM2-8079-000	1
3	Cable,flat	RK2-6680-000	1
4	Delivery sensor PCB assembly	RM2-7629-000	1
5	Fixing film assembly, 110-127V	RM1-9656-000	1
5	Fixing film assembly, 220-240V	RM1-9657-000	1
6	Link, pressure release	RC2-9512-000	2

## Internal assemblies (2 of 3)

Figure 2-4 Internal assemblies (2 of 3)

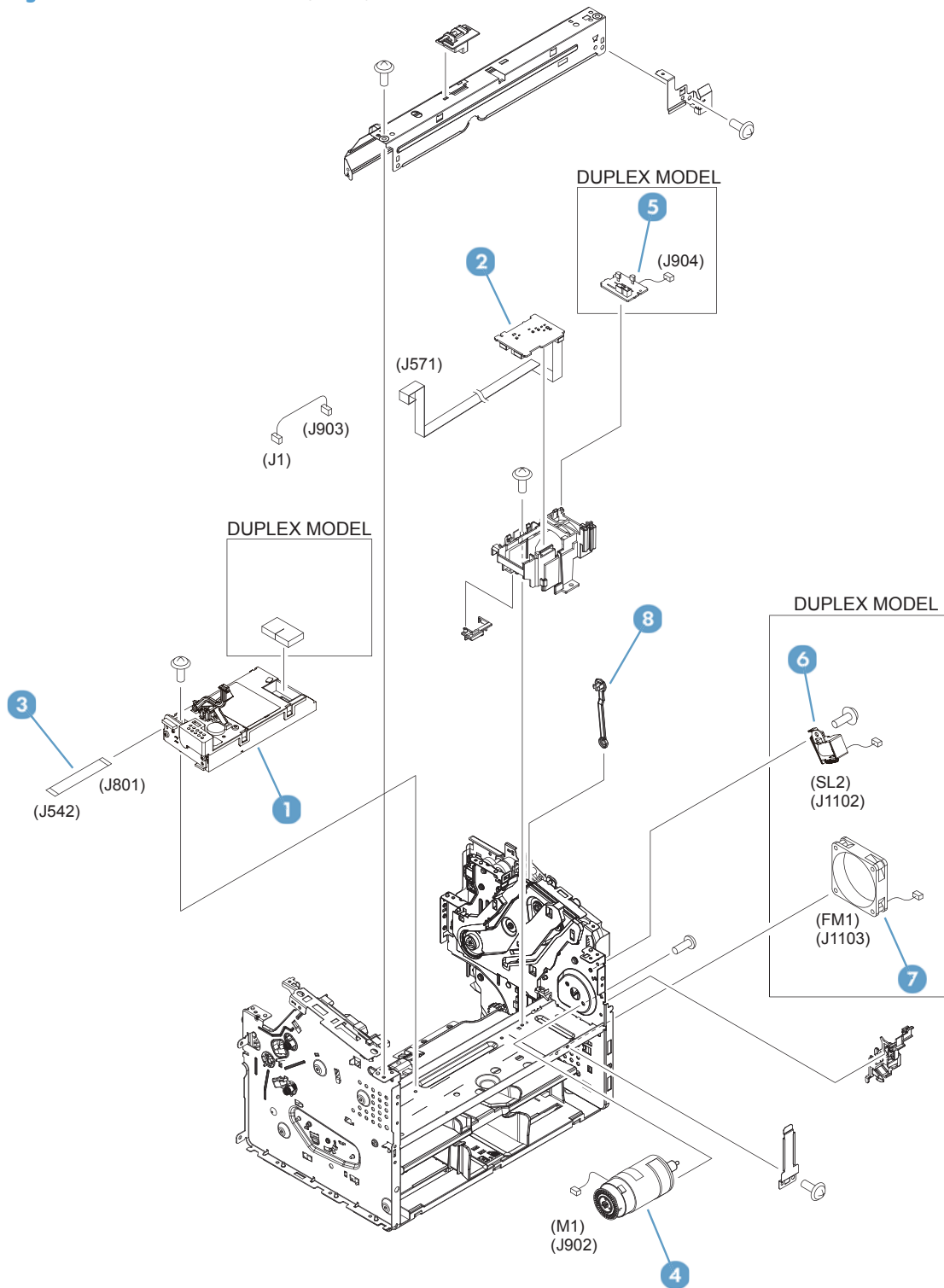


**Table 2-9 Internal assemblies (2 of 3)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Paper pick-up assembly (duplex product)	RM2-6524-000	1
1	Paper pick-up assembly (simplex product)	RM2-6525-000	1
2	Roller, transfer	RM1-4023-000	1
3	Roller, pickup	RL1-3642-000	1
4	Paper pick-up sensor PCB assembly	RM2-7609-000	1
5	Separation pad assembly	RM1-4227-000	1
6	Duplexing frame assembly	RM1-9655-000	1

## Internal assemblies (3 of 3)

Figure 2-5 Internal assemblies (3 of 3)



**Table 2-10 Internal assemblies (3 of 3)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Laser scanner assembly	RM2-0426-000	1
2	Motor PCB assembly	RM2-7607-000	1
3	Cable, flat	RK2-6691-000	1
4	Motor, DC24V	RM2-0418-000	1
5	Duplexing PCB assembly (duplex product)	RM2-7608-000	1
6	Solenoid (duplex product)	RK2-0420-000	1
7	Fan (duplex product)	RK2-6694-000	1
8	Link, cartridge door	RC2-9425-000	1



# Alphabetical parts list

**Table 2-11 Alphabetical parts list**

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Cable, flat	RK2-6691-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Cable,flat	RK2-6680-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Cap (duplex product)	RC3-3923-000	<a href="#">External panels and covers, duplex product on page 123</a>
Cartridge door assembly	RM1-9652-000	<a href="#">External panels and covers, duplex product on page 123</a>
Cartridge door assembly	RM1-9652-000	<a href="#">External panels and covers, simplex product on page 125</a>
Cover, dust	RC3-3902-000	<a href="#">External panels and covers, duplex product on page 123</a>
Cover, dust	RC3-3902-000	<a href="#">External panels and covers, simplex product on page 125</a>
Cover, left (duplex product)	RL1-3671-000	<a href="#">External panels and covers, duplex product on page 123</a>
Cover, left (simplex product)	RL1-4079-000	<a href="#">External panels and covers, simplex product on page 125</a>
Cover, rear (simplex product)	RL1-3666-000	<a href="#">External panels and covers, simplex product on page 125</a>
Cover, right (duplex product)	RC3-3900-000	<a href="#">External panels and covers, duplex product on page 123</a>
Cover, right (simplex product)	RC3-3901-000	<a href="#">External panels and covers, simplex product on page 125</a>
Cover, top (duplex product)	RC3-3898-000	<a href="#">External panels and covers, duplex product on page 123</a>
Cover, top (simplex product)	RC3-3899-000	<a href="#">External panels and covers, simplex product on page 125</a>
Delivery sensor PCB assembly	RM2-7629-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Duplexing door assembly	RM1-9654-000	<a href="#">External panels and covers, duplex product on page 123</a>
Duplexing frame assembly	RM1-9655-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>
Duplexing PCB assembly (duplex product)	RM2-7608-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Engine control PCB assembly, 110-127V	RM2-7605-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Engine control PCB assembly, 220-240V	RM2-7606-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>

**Table 2-11 Alphabetical parts list (continued)**

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Engine control PCB assembly, 220-240V, CH IN	RM2-8079-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Fan (duplex product)	RK2-6694-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Fixing assembly, 110-127V	RM1-9658-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Fixing assembly, 220-240V	RM1-9659-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Fixing film assembly, 110-127V	RM1-9656-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Fixing film assembly, 220-240V	RM1-9657-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Front cover assembly (duplex product)	RM2-0411-000	<a href="#">External panels and covers, duplex product on page 123</a>
Front cover assembly (simplex product)	RM2-0414-000	<a href="#">External panels and covers, simplex product on page 125</a>
Laser scanner assembly	RM2-0426-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Link, cartridge door	RC2-9425-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Link, pressure release	RC2-9512-000	<a href="#">Internal assemblies (1 of 3) on page 127</a>
Motor PCB assembly	RM2-7607-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Motor, DC24V	RM2-0418-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>
Paper delivery tray assembly	RM1-9649-000	<a href="#">External panels and covers, duplex product on page 123</a>
Paper delivery tray assembly	RM1-9649-000	<a href="#">External panels and covers, simplex product on page 125</a>
Paper pick-up assembly (duplex product)	RM2-6524-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>
Paper pick-up assembly (simplex product)	RM2-6525-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>
Paper pick-up sensor PCB assembly	RM2-7609-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>
Paper pick-up tray assembly	RM1-9677-000	<a href="#">External panels and covers, duplex product on page 123</a>
Paper pick-up tray assembly	RM1-9677-000	<a href="#">External panels and covers, simplex product on page 125</a>
Roller, pickup	RL1-3642-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>

**Table 2-11 Alphabetical parts list (continued)**

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Roller, transfer	RM1-4023-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>
Separation pad assembly	RM1-4227-000	<a href="#">Internal assemblies (2 of 3) on page 129</a>
Solenoid (duplex product)	RK2-0420-000	<a href="#">Internal assemblies (3 of 3) on page 131</a>

# Numerical parts list

**Table 2-12 Numerical parts list**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RC2-9425-000	Link, cartridge door	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RC2-9512-000	Link, pressure release	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RC3-3898-000	Cover, top (duplex product)	<a href="#">External panels and covers, duplex product on page 123</a>
RC3-3899-000	Cover, top (simplex product)	<a href="#">External panels and covers, simplex product on page 125</a>
RC3-3900-000	Cover, right (duplex product)	<a href="#">External panels and covers, duplex product on page 123</a>
RC3-3901-000	Cover, right (simplex product)	<a href="#">External panels and covers, simplex product on page 125</a>
RC3-3902-000	Cover, dust	<a href="#">External panels and covers, duplex product on page 123</a>
RC3-3902-000	Cover, dust	<a href="#">External panels and covers, simplex product on page 125</a>
RC3-3923-000	Cap (duplex product)	<a href="#">External panels and covers, duplex product on page 123</a>
RK2-0420-000	Solenoid (duplex product)	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RK2-6680-000	Cable, flat	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RK2-6691-000	Cable, flat	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RK2-6694-000	Fan (duplex product)	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RL1-3642-000	Roller, pickup	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RL1-3666-000	Cover, rear (simplex product)	<a href="#">External panels and covers, simplex product on page 125</a>
RL1-3671-000	Cover, left (duplex product)	<a href="#">External panels and covers, duplex product on page 123</a>
RL1-4079-000	Cover, left (simplex product)	<a href="#">External panels and covers, simplex product on page 125</a>
RM1-4023-000	Roller, transfer	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RM1-4227-000	Separation pad assembly	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RM1-9649-000	Paper delivery tray assembly	<a href="#">External panels and covers, duplex product on page 123</a>

**Table 2-12 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM1-9649-000	Paper delivery tray assembly	<a href="#">External panels and covers, simplex product on page 125</a>
RM1-9652-000	Cartridge door assembly	<a href="#">External panels and covers, duplex product on page 123</a>
RM1-9652-000	Cartridge door assembly	<a href="#">External panels and covers, simplex product on page 125</a>
RM1-9654-000	Duplexing door assembly	<a href="#">External panels and covers, duplex product on page 123</a>
RM1-9655-000	Duplexing frame assembly	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RM1-9656-000	Fixing film assembly, 110-127V	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM1-9657-000	Fixing film assembly, 220-240V	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM1-9658-000	Fixing assembly, 110-127V	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM1-9659-000	Fixing assembly, 220-240V	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM1-9677-000	Paper pick-up tray assembly	<a href="#">External panels and covers, duplex product on page 123</a>
RM1-9677-000	Paper pick-up tray assembly	<a href="#">External panels and covers, simplex product on page 125</a>
RM2-0411-000	Front cover assembly (duplex product)	<a href="#">External panels and covers, duplex product on page 123</a>
RM2-0414-000	Front cover assembly (simplex product)	<a href="#">External panels and covers, simplex product on page 125</a>
RM2-0418-000	Motor, DC24V	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RM2-0426-000	Laser scanner assembly	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RM2-6524-000	Paper pick-up assembly (duplex product)	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RM2-6525-000	Paper pick-up assembly (simplex product)	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RM2-7605-000	Engine control PCB assembly, 110-127V	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM2-7606-000	Engine control PCB assembly, 220-240V	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM2-7607-000	Motor PCB assembly	<a href="#">Internal assemblies (3 of 3) on page 131</a>
RM2-7608-000	Duplexing PCB assembly (duplex product)	<a href="#">Internal assemblies (3 of 3) on page 131</a>

**Table 2-12 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-7609-000	Paper pick-up sensor PCB assembly	<a href="#">Internal assemblies (2 of 3) on page 129</a>
RM2-7629-000	Delivery sensor PCB assembly	<a href="#">Internal assemblies (1 of 3) on page 127</a>
RM2-8079-000	Engine control PCB assembly, 220-240V, CH IN	<a href="#">Internal assemblies (1 of 3) on page 127</a>





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## 3 Parts and diagrams: HP LaserJet Pro MFP M225/M226 series

- [Order parts by authorized service providers](#)
- [How to use the parts lists and diagrams](#)
- [Covers](#)
- [Internal assemblies](#)
- [Scanner and document feeder \(ADF\)](#)
- [Scanner assembly internal components](#)
- [Alphabetical parts list](#)
- [Numerical parts list](#)

# Order parts by authorized service providers

## Order replacement parts

**Table 3-1 Order parts, accessories, and supplies**

Order supplies and paper	<a href="http://www.hp.com/go/suresupply">www.hp.com/go/suresupply</a>
Order genuine HP parts or accessories	<a href="http://www.hp.com/buy/parts">www.hp.com/buy/parts</a>
Order through service or support providers	Contact an HP-authorized service or support provider.

## Related documentation

**Table 3-2 Related documentation**

Item	Description	Part number
<i>HP LaserJet Pro MFP M225/M226 Printer series User Guide</i>	Product user guide.	Need part number
<i>HP LaserJet Pro M201/M202 Printer series Service Manual</i>	English service manual (this manual)	N/A

## Supplies part numbers

**Table 3-3 Supplies part numbers**


Item	Cartridge number	Part number (service)
High-capacity black toner cartridge, HP LaserJet Pro MFP M225 series	CF283X	CF484-67903
Standard-capacity black toner cartridge, HP LaserJet Pro MFP M225 series	CF283A	CF283-67902
Standard-capacity black toner cartridge, HP LaserJet Pro MFP M226 series	CC388A	CC388-67901

## Customer self repair parts

**Table 3-4 Customer replaceable units (CRU) kit part numbers**

Description	Part number
Separation pad assembly	RM1-4227-000
Kit, pickup roller	RL1-3642-000
Dust cover	RC3-3902-000
Paper delivery tray assembly	RM1-9649-000
Paper pickup tray assembly	RM1-9677-000

## Service parts

 **NOTE:** The parts in the following table are not shown in the assembly illustrations in this chapter.

Description	Part number
<b>Scanner:</b>	
Assembly, scanner/ADF (bulkpack)	CF484-60106
1200PPI scanner assembly <sup>1</sup>	D1527-60002
Assembly, motor scanner <sup>1</sup>	CN503-60006
<b>ADF:</b>	
Assembly, ADF top cover	CF484-60117
<b>Control panel, WiFi, and fax:</b>	
Assembly, two-line control panel 4:1 (dn products)	CF484-60115
Assembly, magic frame 3.0 inch (dw products)	CF484-60122
PCA, formatter network	CZ231-60001
PCA, formatter wireless	CZ232-60001
PCA, fax card US	CF206-60001
WiFi board, Umber	1150-7959
Fax rubber cap	CZ185-40001

<sup>1</sup> Part must be replaced in a dust-free chamber.

## Whole-unit replacement part numbers

 **NOTE:** Whole-unit replacement products include the formatter PCA.

**Table 3-5 Whole-unit replacement part numbers**


Description	Part number
Product-Replacement 110V M225DN NA/TW	CF484-67901


**Table 3-5 Whole-unit replacement part numbers (continued)**

<b>Description</b>	<b>Part number</b>
Product-Exchange 110V M225DN NA/TW	CF484-69001
Product-Replacement 220V M225DN AP	CF484-67902
Product-Exchange 220V M225DN EU	CF484-69002
Product-Replacement 220V M226DN CH	C6N22-67901
Product-Replacement 110V M225DW NA/TW	CF485-67901
Product-Exchange 110V M225DW NA/TW	CF484-69003
Product-Replacement 220V M225DW AP	CF485-67902
Product-Exchange 220V M225DW EU	CF484-69004
Product-Exchange 220V M226DN CH	C6N22-69001
Product-Replacement 220V M226DN IN	C6N22-67902
Product-Replacement 220V M226DW CH	C6N23-67901
Product-Exchange 220V M226DW CH	C6N22-69002
Product-Replacement 220V M226DW IN	C6N23-67902

## How to use the parts lists and diagrams

---

 **CAUTION:** Be sure to order the correct part. When looking for part numbers for electrical components, pay careful attention to the voltage that is listed. Doing so will make sure that the part number selected is for the correct model.

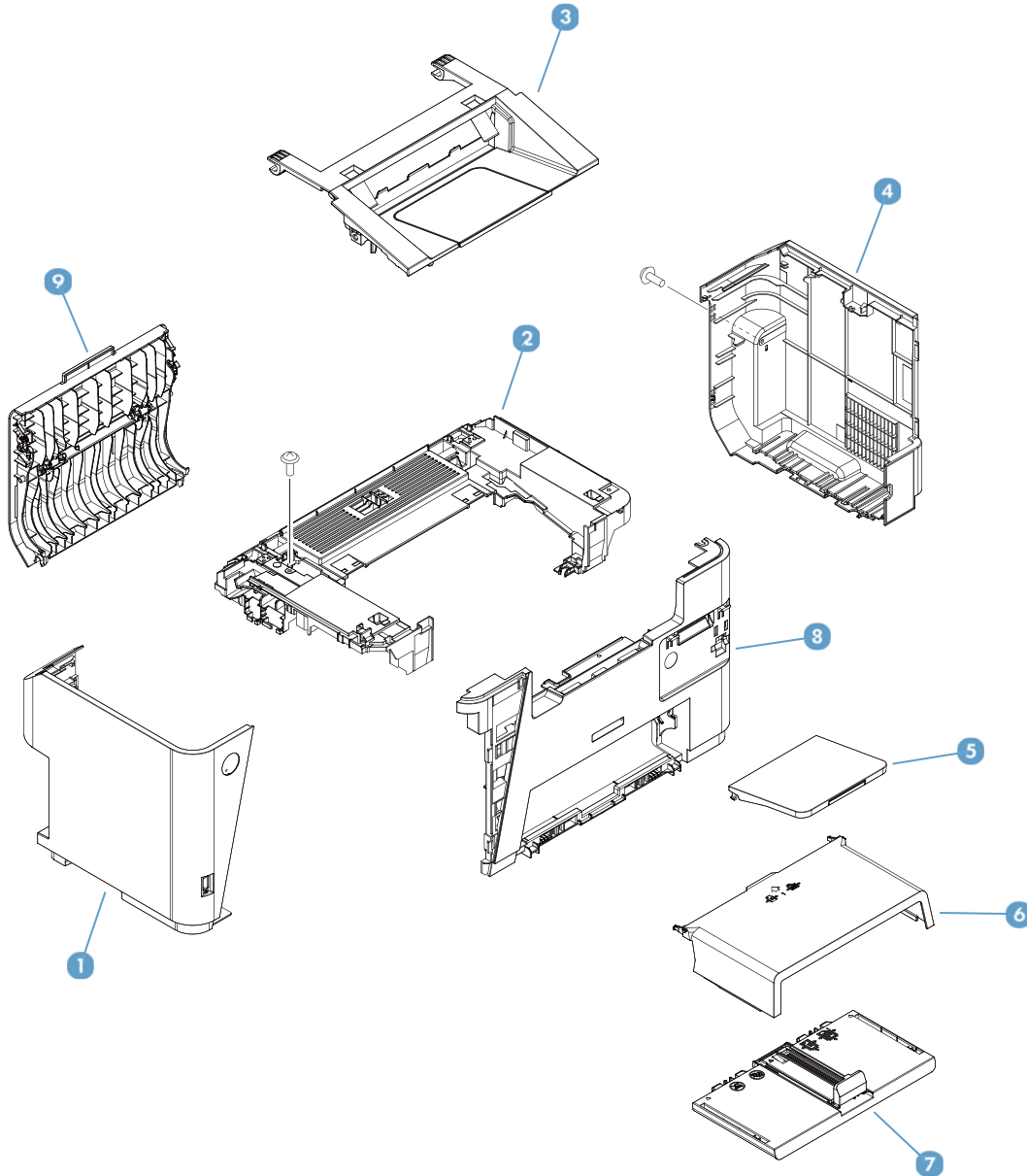
 **NOTE:** In this manual, the abbreviation “PCA” stands for “printed circuit-board assembly.” Components described as a PCA might consist of a single circuit board or a circuit board plus other parts, such as cables and sensors.

---

The figures in this chapter show the major subassemblies in the product and their component parts. A parts list table follows each exploded view assembly diagram. Each 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).

# Covers

Figure 3-1 External panels and covers



**Table 3-6 External panels and covers**

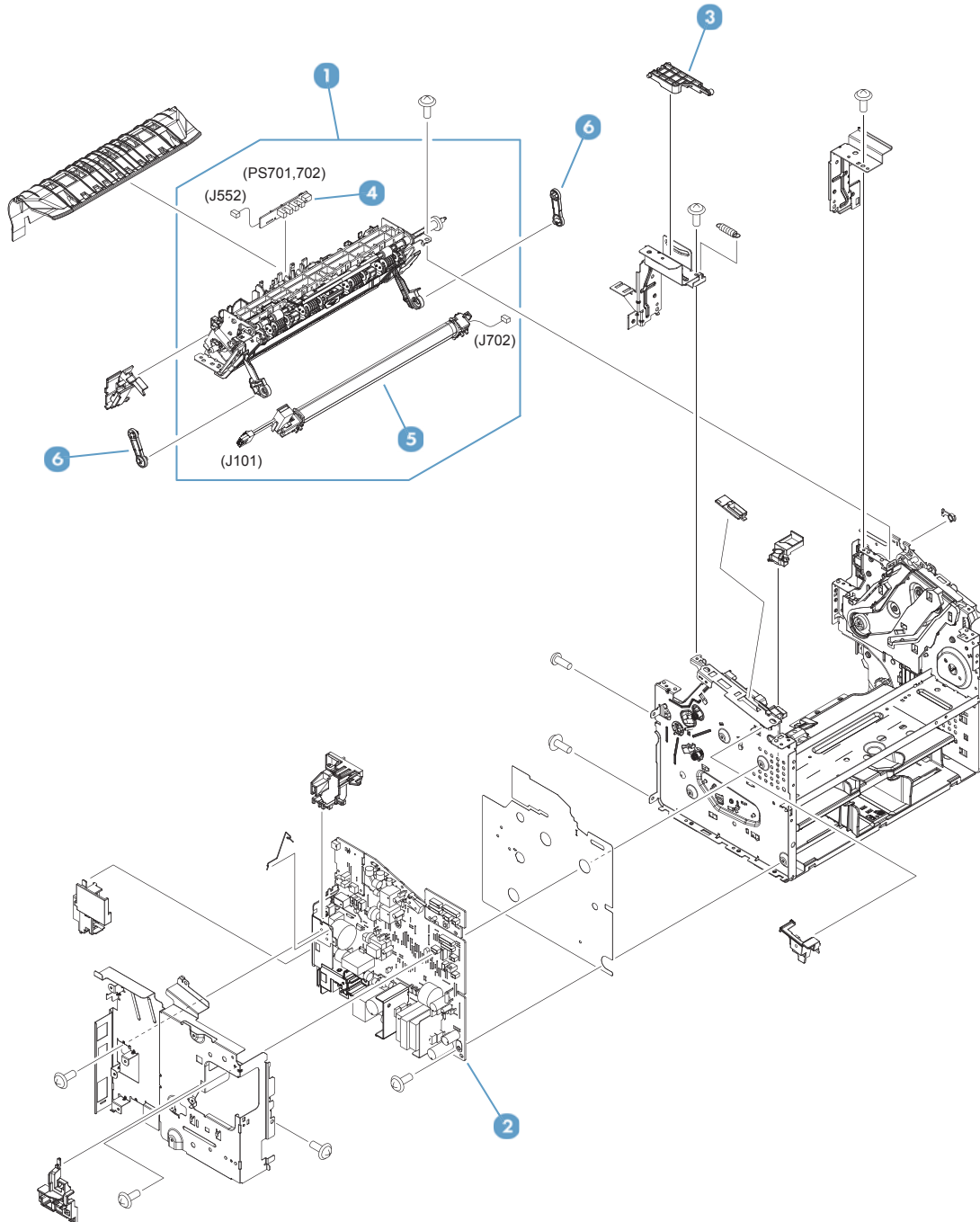
<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Cover, left	RL1-3803-000	1
2	Cover, top	RC3-4790-000	1
3	Cartridge door assembly	RM1-9890-000	1
4	Cover, right	RC3-4792-000	1
5	Paper delivery tray assembly	RM1-9649-000	1
6	Cover, dust	RC3-3902-000	1
7	Paper pick-up tray assembly	RM1-9677-000	1
8	Cover, front	RL1-3802-000	1
9	Duplexing door assembly	RM1-9654-000	1



# Internal assemblies

## Internal assemblies (1 of 3)

Figure 3-2 Internal assemblies (1 of 3)

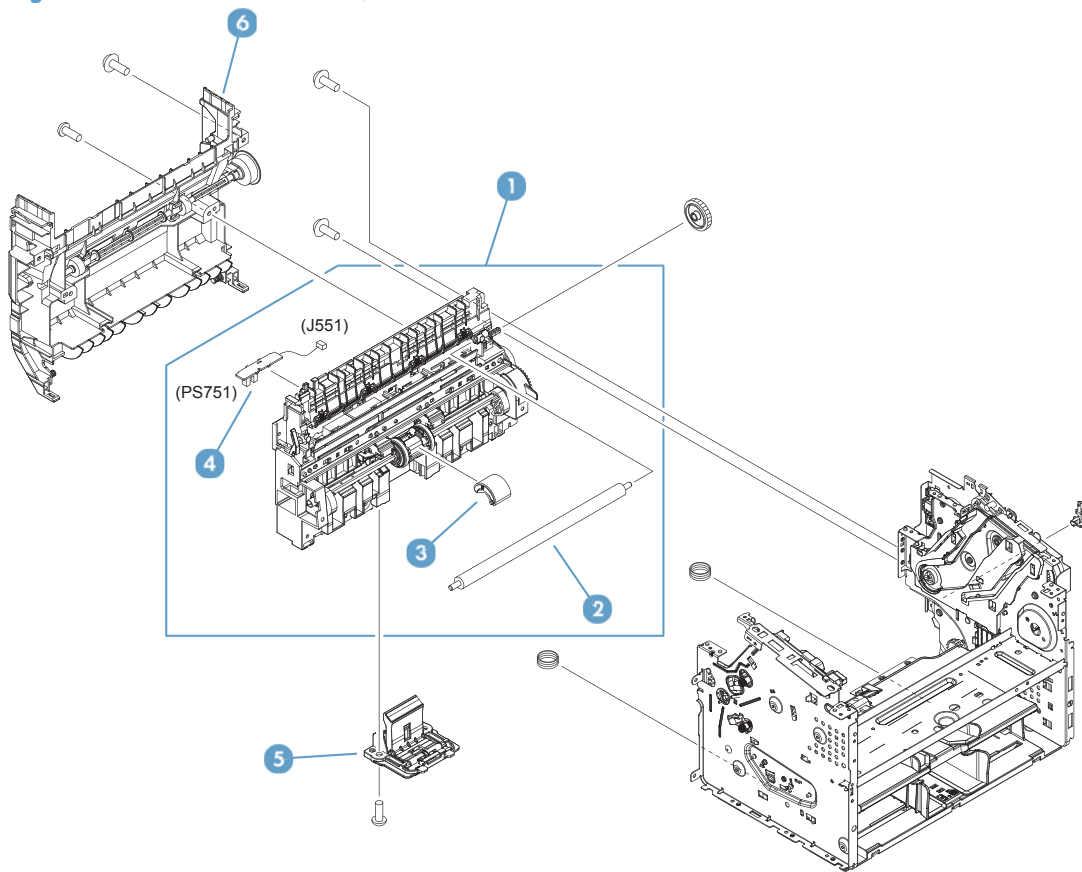


**Table 3-7 Internal assemblies (1 of 3)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Fixing assembly, 110-127V	RM1-9891-000	1
1	Fixing assembly, 220-240V	RM1-9892-000	1
2	Engine control PCB assembly, 110-127V	RM2-7632-000	1
2	Engine control PCB assembly, 220-240V	RM2-7633-000	1
2	Engine control PCB assembly, 220-240V, CH IN	RM2-8080-000	1
3	Link, cartridge door	RC2-9527-000	1
4	Delivery sensor PCB assembly	RM2-7629-000	1
5	Fixing film assembly, 110-127V	RM1-9656-000	1
5	Fixing film assembly, 220-240V	RM1-9657-000	1
6	Link, pressure release	RC2-9531-000	2

## Internal assemblies (2 of 3)

Figure 3-3 Internal assemblies (2 of 3)

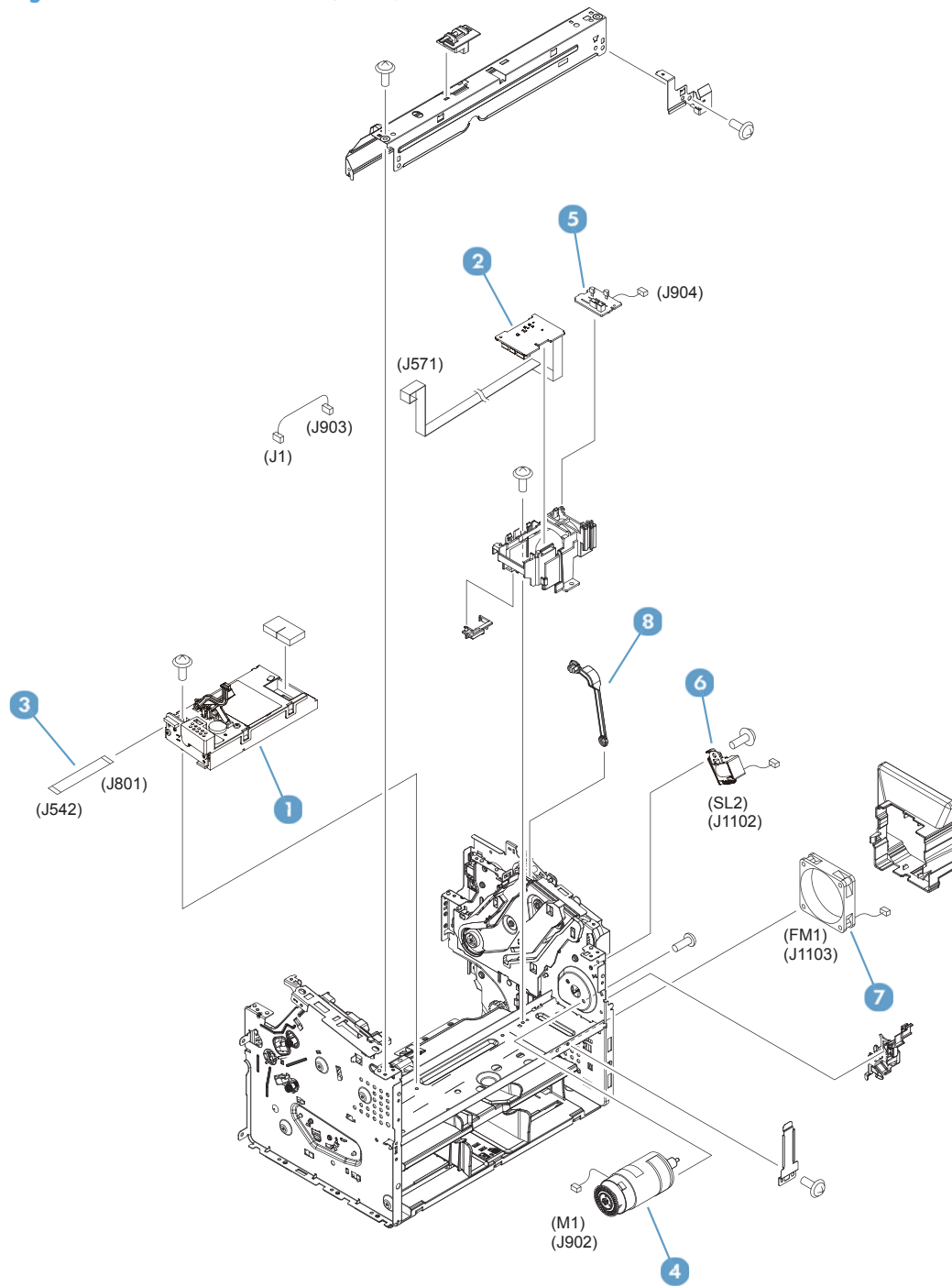


**Table 3-8 Internal assemblies (2 of 3)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Paper pick-up assembly	RM2-6524-000	1
2	Roller, transfer	RM1-4023-000	1
3	Roller, pickup	RL1-3642-000	1
4	Paper pick-up sensor PCB assembly	RM2-7635-000	1
5	Separation pad assembly	RM1-4227-000	1
6	Duplexing frame assembly	RM1-9655-000	1

## Internal assemblies (3 of 3)

Figure 3-4 Internal assemblies (3 of 3)



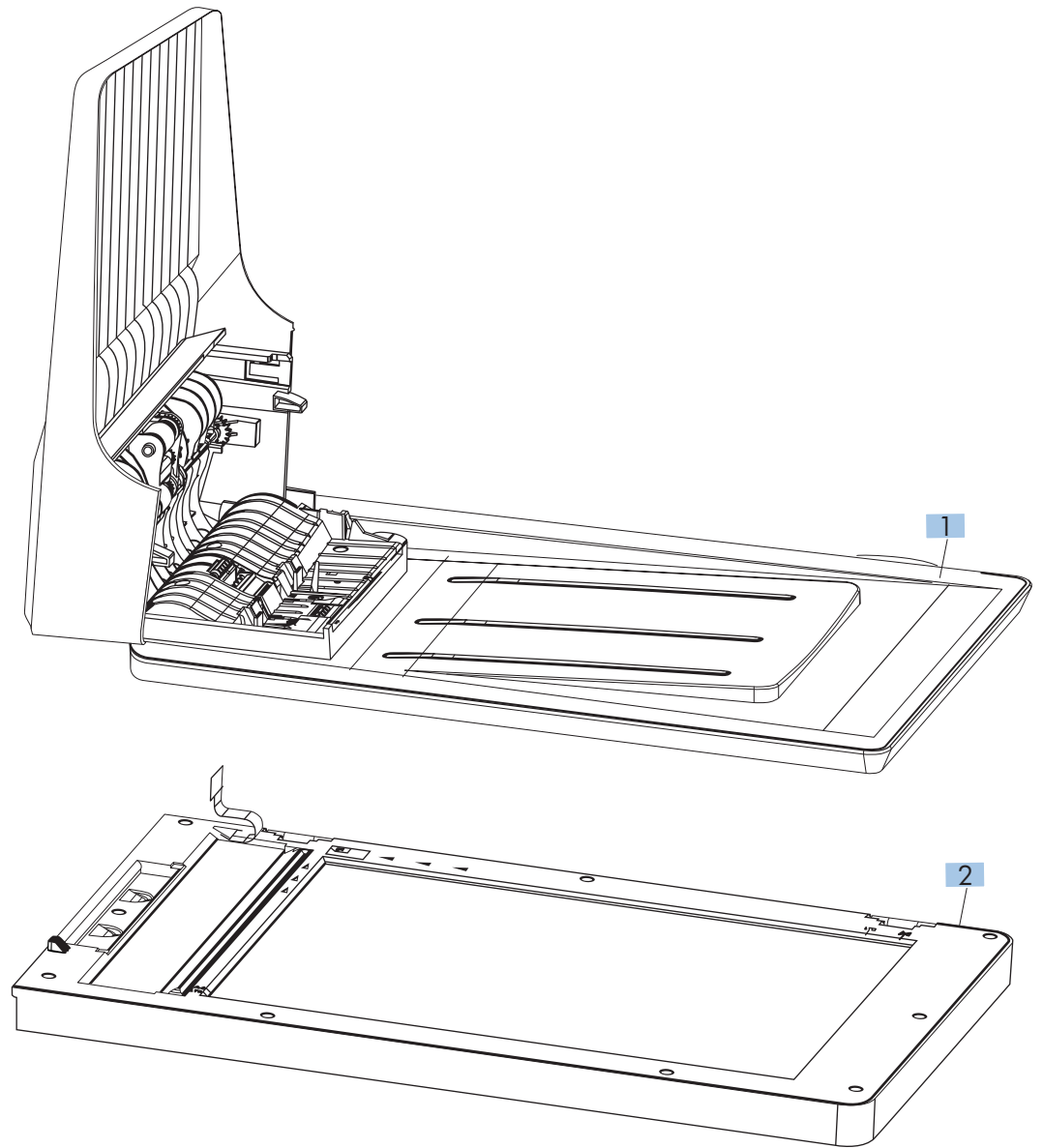
**Table 3-9 Internal assemblies (3 of 3)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Laser scanner assembly	RM2-0426-000	1
2	Motor PCB assembly	RM2-7634-000	1
3	Cable, flat	RK2-6691-000	1
4	Motor, DC24V	RM2-0418-000	1
5	Duplexing PCB assembly	RM2-7608-000	1
6	Solenoid	RK2-0420-000	1
7	Fan	RK2-6694-000	1
8	Link, cartridge door, CH IN	RC2-9514-000	1

# Scanner and document feeder (ADF)

## Scanner and document feeder (ADF) main assemblies

Figure 3-5 Scanner and document feeder (ADF) main assemblies



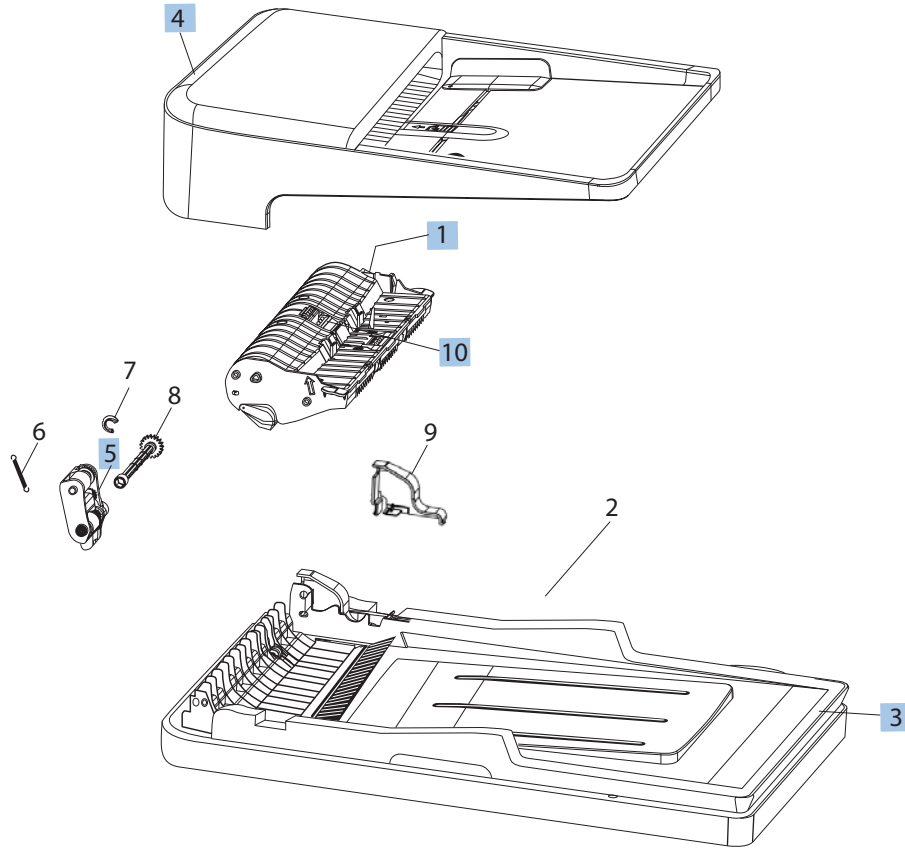


**Table 3-10 Scanner and document feeder (ADF) main assemblies**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
NA	Assembly, scanner/ADF (complete)	CF484-60103	1
1	Assembly, Auto Document Feeder	CF484-60116	1
2	1200PPI scanner assembly	CF484-60110	1

## Document feeder internal components

Figure 3-6 Document feeder internal components



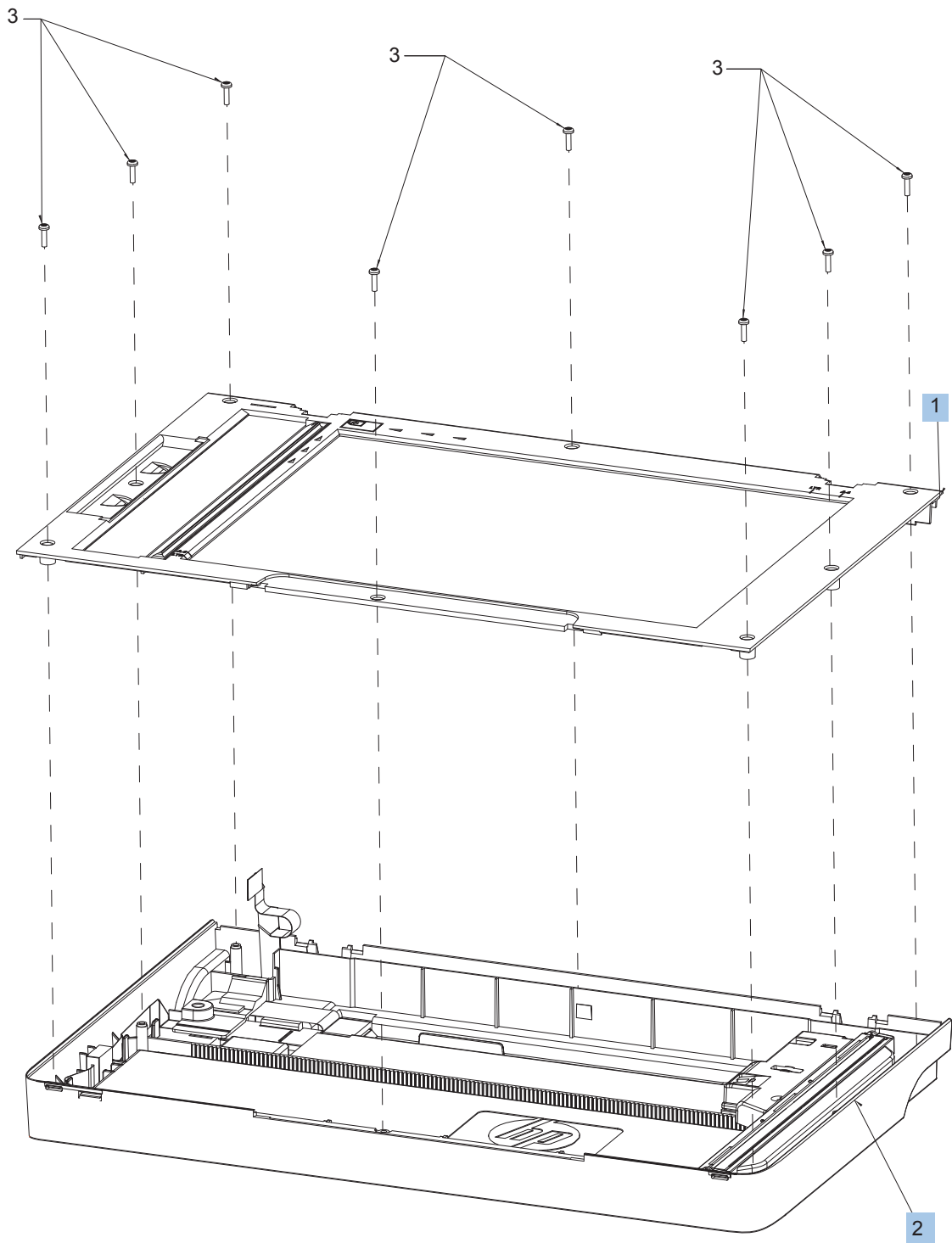
**Table 3-11 Document feeder internal components**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Assembly, ADF core	CF484-60118	1
3	Assembly, ADF base	CF484-60120	1
4	Assembly, ADF cover and adjuster	CF484-60127	1
5	Assembly, pick arm	CF144-60142	1
10	Assembly, separator pad	Q7400-60005	1

# Scanner assembly internal components

## Scanner assembly internal components (1 of 2)

Figure 3-7 Scanner assembly internal components (1 of 2)



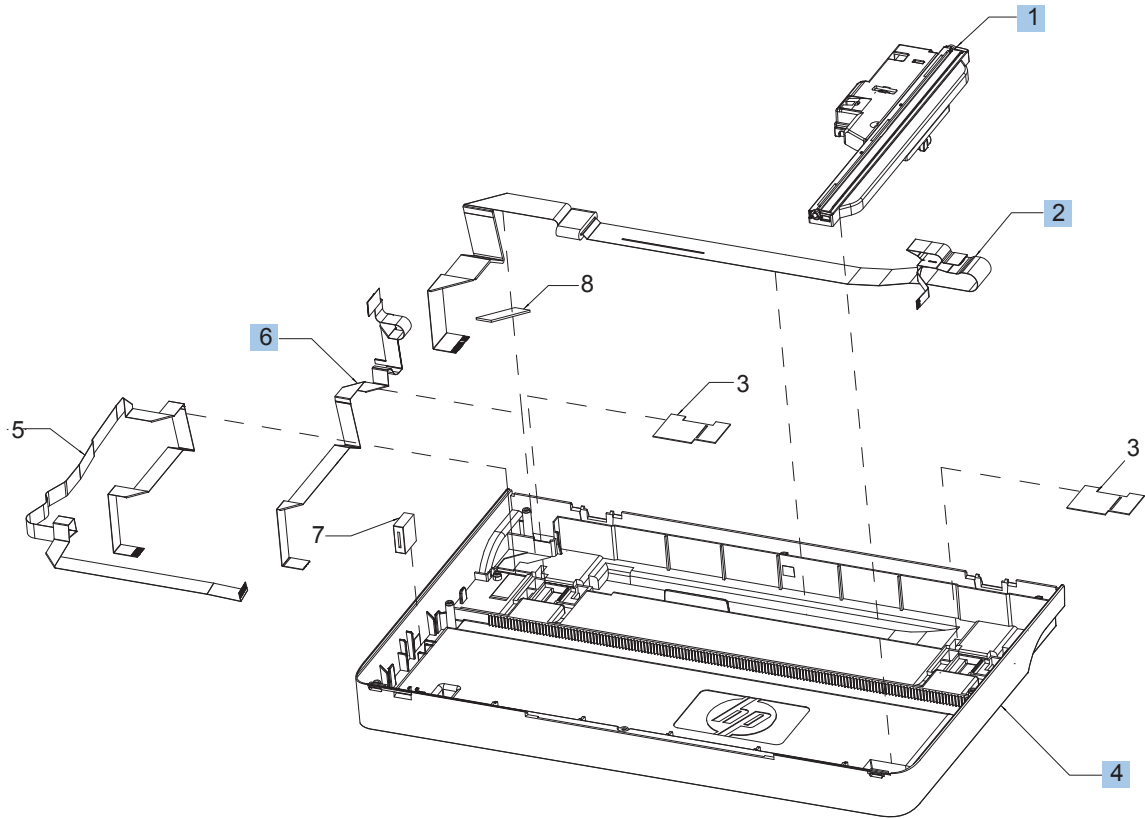
**Table 3-12 Scanner assembly internal components (1 of 2)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Assembly, scan bezel <sup>1</sup>	CF484-60111	1
2	Assembly, scanner base <sup>1</sup>	CF484-60112	1

<sup>1</sup> Part must be replaced in a dust-free chamber.

## Scanner assembly internal components (2 of 2)

Figure 3-8 Scanner assembly internal components (2 of 2)



**Table 3-13 Scanner assembly internal components (2 of 2)**

<b>Ref</b>	<b>Description</b>	<b>Part number</b>	<b>Qty</b>
1	Assembly, scan drive system <sup>1</sup>	CF484-60113	1
2	Assembly, scan module/motor cable <sup>1</sup>	CF484-60105	1
4	Scanner base <sup>1</sup>	CF484-40001	1
6	Assembly, ADF cable <sup>1</sup>	CF484-60104	1

<sup>1</sup> Part must be replaced in a dust-free chamber.

# Alphabetical parts list

**Table 3-14 Alphabetical parts list**

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
1200PPI scanner assembly	CF484-60110	<a href="#">Scanner and document feeder (ADF) main assemblies on page 153</a>
Assembly, ADF base	CF484-60120	<a href="#">Document feeder internal components on page 155</a>
Assembly, ADF cable <sup>11</sup>	CF484-60104	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
Assembly, ADF core	CF484-60118	<a href="#">Document feeder internal components on page 155</a>
Assembly, ADF cover and adjuster	CF484-60127	<a href="#">Document feeder internal components on page 155</a>
Assembly, Auto Document Feeder	CF484-60116	<a href="#">Scanner and document feeder (ADF) main assemblies on page 153</a>
Assembly, pick arm	CF144-60142	<a href="#">Document feeder internal components on page 155</a>
Assembly, scan bezel <sup>11</sup>	CF484-60111	<a href="#">Scanner assembly internal components (1 of 2) on page 157</a>
Assembly, scan drive system <sup>11</sup>	CF484-60113	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
Assembly, scan module/motor cable <sup>11</sup>	CF484-60105	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
Assembly, scanner base <sup>11</sup>	CF484-60112	<a href="#">Scanner assembly internal components (1 of 2) on page 157</a>
Assembly, scanner/ADF (complete)	CF484-60103	<a href="#">Scanner and document feeder (ADF) main assemblies on page 153</a>
Assembly, separator pad	Q7400-60005	<a href="#">Document feeder internal components on page 155</a>
Cable, flat	RK2-6691-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Cartridge door assembly	RM1-9890-000	<a href="#">External panels and covers on page 145</a>
Cover, dust	RC3-3902-000	<a href="#">External panels and covers on page 145</a>
Cover, front	RL1-3802-000	<a href="#">External panels and covers on page 145</a>
Cover, left	RL1-3803-000	<a href="#">External panels and covers on page 145</a>
Cover, right	RC3-4792-000	<a href="#">External panels and covers on page 145</a>



**Table 3-14 Alphabetical parts list (continued)**

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Cover, top	RC3-4790-000	<a href="#">External panels and covers on page 145</a>
Delivery sensor PCB assembly	RM2-7629-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Duplexing door assembly	RM1-9654-000	<a href="#">External panels and covers on page 145</a>
Duplexing frame assembly	RM1-9655-000	<a href="#">Internal assemblies (2 of 3) on page 149</a>
Duplexing PCB assembly	RM2-7608-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Engine control PCB assembly, 110-127V	RM2-7632-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Engine control PCB assembly, 220-240V	RM2-7633-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Engine control PCB assembly, 220-240V, CH IN	RM2-8080-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Fan	RK2-6694-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Fixing assembly, 110-127V	RM1-9891-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Fixing assembly, 220-240V	RM1-9892-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Fixing film assembly, 110-127V	RM1-9656-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Fixing film assembly, 220-240V	RM1-9657-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Laser scanner assembly	RM2-0426-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Link, cartridge door	RC2-9527-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Link, cartridge door, CH IN	RC2-9514-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Link, pressure release	RC2-9531-000	<a href="#">Internal assemblies (1 of 3) on page 147</a>
Motor PCB assembly	RM2-7634-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Motor, DC24V	RM2-0418-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>
Paper delivery tray assembly	RM1-9649-000	<a href="#">External panels and covers on page 145</a>
Paper pick-up assembly	RM2-6524-000	<a href="#">Internal assemblies (2 of 3) on page 149</a>

**Table 3-14 Alphabetical parts list (continued)**

<b>Description</b>	<b>Part number</b>	<b>Table and page</b>
Paper pick-up sensor PCB assembly	RM2-7635-000	<a href="#">Internal assemblies (2 of 3) on page 149</a>
Paper pick-up tray assembly	RM1-9677-000	<a href="#">External panels and covers on page 145</a>
Roller, pickup	RL1-3642-000	<a href="#">Internal assemblies (2 of 3) on page 149</a>
Roller, transfer	RM1-4023-000	<a href="#">Internal assemblies (2 of 3) on page 149</a>
Scanner base <sup>11</sup>	CF484-40001	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
Separation pad assembly	RM1-4227-000	<a href="#">Internal assemblies (2 of 3) on page 149</a>
Solenoid	RK2-0420-000	<a href="#">Internal assemblies (3 of 3) on page 151</a>

# Numerical parts list

**Table 3-15 Numerical parts list**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
CF144-60142	Assembly, pick arm	<a href="#">Document feeder internal components on page 155</a>
CF484-40001	Scanner base <sup>11</sup>	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
CF484-60103	Assembly, scanner/ADF (complete)	<a href="#">Scanner and document feeder (ADF) main assemblies on page 153</a>
CF484-60104	Assembly, ADF cable <sup>11</sup>	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
CF484-60105	Assembly, scan module/motor cable <sup>11</sup>	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
CF484-60110	1200PPI scanner assembly	<a href="#">Scanner and document feeder (ADF) main assemblies on page 153</a>
CF484-60111	Assembly, scan bezel <sup>11</sup>	<a href="#">Scanner assembly internal components (1 of 2) on page 157</a>
CF484-60112	Assembly, scanner base <sup>11</sup>	<a href="#">Scanner assembly internal components (1 of 2) on page 157</a>
CF484-60113	Assembly, scan drive system <sup>11</sup>	<a href="#">Scanner assembly internal components (2 of 2) on page 159</a>
CF484-60116	Assembly, Auto Document Feeder	<a href="#">Scanner and document feeder (ADF) main assemblies on page 153</a>
CF484-60118	Assembly, ADF core	<a href="#">Document feeder internal components on page 155</a>
CF484-60120	Assembly, ADF base	<a href="#">Document feeder internal components on page 155</a>
CF484-60127	Assembly, ADF cover and adjuster	<a href="#">Document feeder internal components on page 155</a>
Q7400-60005	Assembly, separator pad	<a href="#">Document feeder internal components on page 155</a>
RC2-9514-000	Link, cartridge door, CH IN	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RC2-9527-000	Link, cartridge door	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RC2-9531-000	Link, pressure release	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RC3-3902-000	Cover, dust	<a href="#">External panels and covers on page 145</a>
RC3-4790-000	Cover, top	<a href="#">External panels and covers on page 145</a>

**Table 3-15 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RC3-4792-000	Cover, right	<a href="#">External panels and covers on page 145</a>
RK2-0420-000	Solenoid	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RK2-6691-000	Cable, flat	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RK2-6694-000	Fan	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RL1-3642-000	Roller, pickup	<a href="#">Internal assemblies (2 of 3) on page 149</a>
RL1-3802-000	Cover, front	<a href="#">External panels and covers on page 145</a>
RL1-3803-000	Cover, left	<a href="#">External panels and covers on page 145</a>
RM1-4023-000	Roller, transfer	<a href="#">Internal assemblies (2 of 3) on page 149</a>
RM1-4227-000	Separation pad assembly	<a href="#">Internal assemblies (2 of 3) on page 149</a>
RM1-9649-000	Paper delivery tray assembly	<a href="#">External panels and covers on page 145</a>
RM1-9654-000	Duplexing door assembly	<a href="#">External panels and covers on page 145</a>
RM1-9655-000	Duplexing frame assembly	<a href="#">Internal assemblies (2 of 3) on page 149</a>
RM1-9656-000	Fixing film assembly, 110-127V	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM1-9657-000	Fixing film assembly, 220-240V	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM1-9677-000	Paper pick-up tray assembly	<a href="#">External panels and covers on page 145</a>
RM1-9890-000	Cartridge door assembly	<a href="#">External panels and covers on page 145</a>
RM1-9891-000	Fixing assembly, 110-127V	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM1-9892-000	Fixing assembly, 220-240V	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM2-0418-000	Motor, DC24V	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RM2-0426-000	Laser scanner assembly	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RM2-6524-000	Paper pick-up assembly	<a href="#">Internal assemblies (2 of 3) on page 149</a>

**Table 3-15 Numerical parts list (continued)**

<b>Part number</b>	<b>Description</b>	<b>Table and page</b>
RM2-7608-000	Duplexing PCB assembly	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RM2-7629-000	Delivery sensor PCB assembly	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM2-7632-000	Engine control PCB assembly, 110-127V	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM2-7633-000	Engine control PCB assembly, 220-240V	<a href="#">Internal assemblies (1 of 3) on page 147</a>
RM2-7634-000	Motor PCB assembly	<a href="#">Internal assemblies (3 of 3) on page 151</a>
RM2-7635-000	Paper pick-up sensor PCB assembly	<a href="#">Internal assemblies (2 of 3) on page 149</a>
RM2-8080-000	Engine control PCB assembly, 220-240V, CH IN	<a href="#">Internal assemblies (1 of 3) on page 147</a>



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