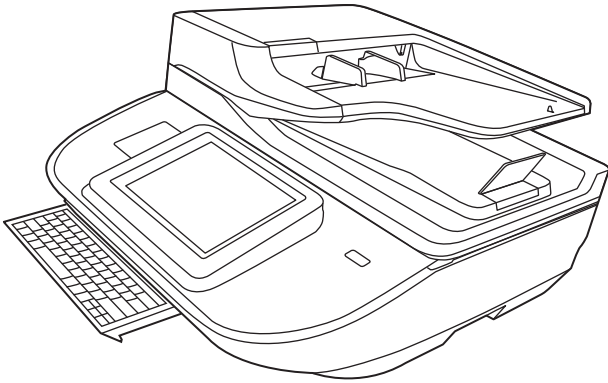


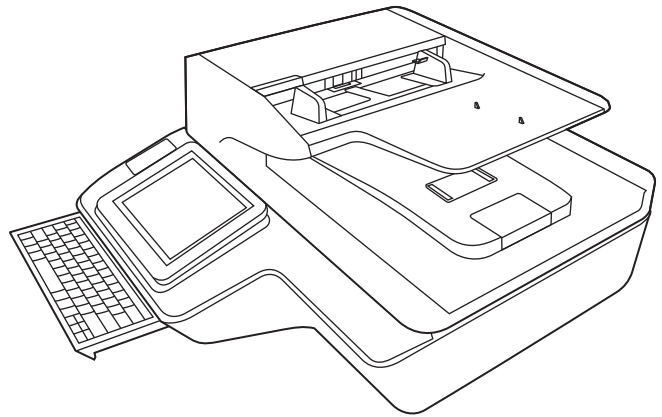


HP Digital Sender Flow 8500 fn2 Document Capture Workstation and HP ScanJet Enterprise Flow N9120 fn2 Document Scanner

Repair Manual



8500 fn2



N9120 fn2



www.hp.com/go/DSFlow8500fn2
www.hp.com/support/sjflowN9120fn2



HP Digital Sender Flow 8500 fn2 Document
Capture Workstation, HP ScanJet Flow
N9120 fn2 document scanner

Repair Manual

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Edition 1, 10/2017

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1 Removal and replacement

- [For additional service and support](#)
- [Removal and replacement strategy](#)
- [Service approach](#)
- [Order parts by authorized service providers](#)
- [Removal and replacement procedures](#)

For additional service and support

HP service personnel, go to the Web-based Interactive Search Engine (WISE) at <https://support.hp.com/wise/home>.

To access HP PartSurfer information from any mobile device, go to <http://partsurfermobile.hp.com/> or scan the Quick Response (QR) code below.



Removal and replacement strategy

Introduction

The scanner uses a field repair strategy. Defective parts are diagnosed and replaced at the Field Replaceable Unit (FRU) assembly level. Repair normally begins by using the scanner internal diagnostics and the following two-step process:

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

After locating a faulty part, the scanner can usually be repaired at the assembly level by replacing FRUs. Some mechanical assemblies might need to be repaired at the subassembly level. HP does not support replacement of components on the printed circuit assemblies.

Note the length, diameter, color, type, and location of each screw. Be sure to return each screw to its original location during reassembly.

Incorrectly routed or loose wire harnesses can interfere with other internal components and can become damaged or broken. Frayed or pinched harness wires can be difficult to find. When replacing wire harnesses, always use the provided wire loops, lance points, or wire-harness guides and retainers.

Considerations during removal and replacement

This chapter describes the customer self-repair (CSR) parts and FRUs.

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


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

Turn the scanner off, wait 5 seconds, and then remove the power cord before attempting to service the scanner. *If this warning is not followed*, severe injury can result as well as damage to the scanner. The power must be on for certain functional checks during troubleshooting. However, the power cord must be disconnected during parts removal. AC voltage is still present inside the scanner when the power switch is in the off position. The power cord must be *disconnected* before servicing the scanner.

⚠ 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.

💡 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. If an ESD workstation or mat is not available, touch the sheet-metal chassis to provide a static ground *before* touching an ESD-sensitive assembly.

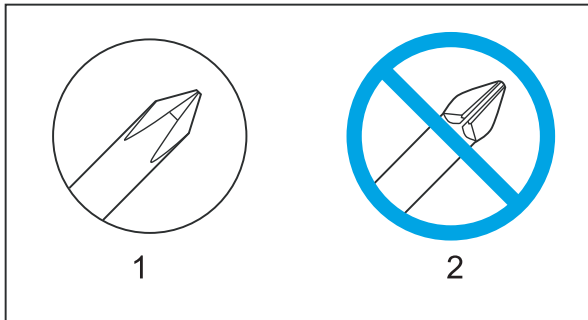
Protect the ESD-sensitive assemblies by placing them in ESD pouches when they are out of the scanner.

Required tools

- #2 Phillips screwdriver with a magnetic tip and a 152-mm (6-in) shaft length
- T10 Torx screwdriver with a magnetic tip
- Small, flat-blade screwdriver
- ESD strap (if one is available)


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

Figure 1-1 Screwdrivers



Fasteners used in this scanner

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

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

Note the length, diameter, color, type, and location of each screw. Be sure to return each screw to its original location during reassembly.

Fasteners used in the HP ScanJet Flow N9120 fn2

- Machine screw, M3x6 Torx T10—5851-7246
- Plastite screw, M5 x 10 P2—5851-7336 (fan mount)
- Taptite screw, M3 x 9 Torx T10—0515-4556
- Taptite screw, M3 x 15 Torx T20—5851-2230
- Thumb screw, control panel—5851-0660

Fasteners used in the HP Digital Sender Flow 8500 fn2

- Plastite screw, K1.34x9.5 mm T10—0515-5383 (guide rod)
- Plastite screw, K30 x 1.34 x 6 mm P2—0515-5621
- Plastite screw, K30x1.34x9mm P2—0515-5865
- Plastite screw, K30x1.34x13mm P2—0515-5602
- Plastite screw, M5 x 10 P2—5851-7336 (fan mount)
- Plastite screw, M3x0.5x6 mm P2—0515-2908 (HDD cradle)
- Taptite screw, M3 x 0.5 x 6 mm T10 5851-7246 (sheet metal connections)
- Thumb screw, M4 x 0.7 x 10—5851-0660 (control panel)

Figure 1-2 Screw size chart




Service approach

Before performing service

Back up product data

 **NOTE:** Some procedures require that you back up product data prior to replacing the assembly.


To ensure that customer-specific configuration information and data are preserved, back up the product data to a portable USB storage device prior to removing these assemblies. Restore the data after replacing the assembly.

 **NOTE:** You also can back up product data using the HP Embedded Web Server (EWS). The EWS backs up product data to a customer specified network folder instead of the products hard drive. See the product user guide for information.

1. From the Home screen on the scanner control panel, select [Support Tools](#).
2. Open the following menus:
 - [Maintenance](#)
 - [Back up/Restore](#)
 - [Back up Data](#)
3. Insert the portable USB storage device.
4. Enter a password to protect the back-up file on the USB storage device, and then select [Next](#).
5. Navigate to the USB storage device location in which you want to save the back-up file.
6. Select [Back Up](#) to save the back-up file to the USB storage device.

Prepare the scanner for service

- Turn off the power using the power switch.
- Unplug the power cable and network cable.
- 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.

 **NOTE:** The ADF hinges have springs that store energy that assist the user when opening the scanner lid. It is important to hold the ADF carefully when tipping the scanner in order to prevent the ADF from opening unexpectedly.

After performing service

- [Restore scanner connections and power](#)
- [Restore scanner data](#)
- [Save and repair process](#)

Restore scanner connections and power

- Connect the network cable, and then plug in the power cable.
- Turn on the scanner.



NOTE: Some procedures require that you perform a restore step after replacing the assembly.

Restore scanner data

1. From the Home screen on the scanner control panel, select [Support Tools](#).
2. Open the following menus:
 - [Maintenance](#)
 - [Back up/Restore](#)
 - [Restore Data](#)
3. Insert the portable USB storage device.
4. Navigate to the USB storage device location in which you saved the back-up file.
5. Select [Restore](#).
6. Enter the password for the back-up file on the USB storage device, minimize the onscreen keyboard, and then select [OK](#) to restore the back-up data.

Save and repair process

The save and repair process occurs automatically whenever the formatter PCA, interconnect PCA, or encrypted hard disk drive (HDD) are replaced. This process is transparent to the user.



CAUTION: Replacing the formatter PCA and interconnect PCA at the same time or swapping these assemblies between products can render the product unusable.

- **Formatter PCA:** When a replacement formatter PCA is installed and the product is turned on, NVRAM values from the interconnect PCA are transferred automatically to the replacement formatter PCA. This process allows the product to return to normal operation with all of the necessary product history.
- **Interconnect PCA:** When a replacement interconnect PCA is installed, NVRAM values from the formatter PCA are transferred automatically to the replacement interconnect PCA. This process allows the product to return to normal operation with all of the necessary product history.
- **Hard disk drive (HDD):** When a replacement hard disk drive is installed and product is turned on, the replacement hard disk drive is locked to the formatter PCA of the product. The encryption key is placed in the NVRAM of the formatter PCA and copied to the NVRAM of the interconnect PCA. This allows the backed up NVRAM values from the interconnect PCA to be restored to a replacement formatter PCA when either the formatter PCA or interconnect PCA are replaced. This process also allows the hard disk drive to function when it is transferred from a defective formatter PCA to a replacement formatter PCA. The hard disk drive cannot be used in another product or accessed from outside the product.

Post service tests

Scan quality test

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

Quality test

1. Verify that you have completed the necessary reassembly steps.
2. Verify that the power cord and network cable are correctly connected, and then turn on the scanner.
3. Verify that the control panel shows the scanner in **Ready** mode.
4. Perform the scanning features of the product to ensure the product is functioning correctly. See the user guide for information.
5. If necessary, restore any customer-specified settings.
6. Clean the outside of the product with a damp cloth.
7. Clean the flatbed glass and the ADF scan window next to the flatbed glass.

Order parts by authorized service providers

- [Order parts and accessories](#)
- [Customer self-repair parts](#)
- [Field Replaceable Units \(FRUs\)](#)
- [Accessories part numbers](#)
- [Related documentation and software](#)

Order parts and accessories

Table 1-1 How to order

Order accessories	www.hp.com
Order genuine HP parts or accessories	partsurfer.hp.com
Order through service or support providers	Contact an HP-authorized service or support provider.
Order using HP software	For information about using the HP software to order parts and accessories, see the product user guide.

Customer self-repair parts

Table 1-2 Customer self-repair parts

Item	Description	Part number
Kit—300 ADF Maintenance	Document feeder roller kit. Includes one pickup-roller assembly and one separation assembly.	5851-7202
Kit—White Backing A4	Replacement document feeder white backing for 8500 fn2	5851-7206
Kit—White Backing A3	Replacement document feeder white backing for N9120 fn2	J7Z09-67926
Kit—Control Panel 8 Inch Display	Touchscreen control panel	J7Z09-67928
Kit—SATA Module	Hard disk drive	L2762-60035
ISA Dashboard	Control panel dashboard cover for 8500 fn2	L2762-40003
Cover, Front Dashboard Left	Control panel dashboard cover for N9120 fn2	J7Z09-40007
Cover, HIP II	Cover for HIP	B5L46-40021
Label—Bundle Keyboard Overlay EMEA	Keyboard overlay	5851-6019 or 5851-5065
Keyboard Overlay Kit FR-CN, ES-LA, ES	Keyboard overlay	5851-6020 (NA)
Keyboard Overlay Kit FR-SW, DE-SW, DA	Keyboard overlay	5851-6021 (EMEA)
Keyboard Overlay Kit ZHTW, ZHCN	Keyboard overlay	5851-6022 (AP)
Keyboard Overlay Kit ES, PT	Keyboard overlay	5851-6023 (EMEA)
Keyboard Overlay Kit JA-KG, JA-KT	Keyboard overlay	5851-6024 (AP)
Overlay—Keyboard Chinese	Keyboard overlay	A7W12-67901
Overlay—Keyboard Sweden	Keyboard overlay	A7W14-67901

Table 1-2 Customer self-repair parts (continued)

Item	Description	Part number
CORD, PWR,AC LINE,C13-DENMARK,1.5 m	Power cord	130627-010
CORD, PWR,AC LINE,C13-ITALY,1.5 m	Power cord	109197-010
CORD, PWR,AC LINE,C13-INDIA,1.5 m	Power cord	403440-003
CORD, PWR,AC LINE,C13-THAILAND,1.5 m	Power cord	285052-009
CORD, PWR,AC LINE,C13-EUROPE,1.5 m	Power cord	100614-011
CORD, PWR,AC LINE,C13-AUSTRALIA,1.5 m	Power cord	100661-016
CORD, PWR,AC LINE,C13-UK,1.5 m	Power cord	100613-016
CORD, PWR,AC LINE,C13-CHINA,1.5 m	Power cord	286496-017
CORD, PWR,AC LINE,C13-TAIWAN,1.5 m	Power cord	393312-005
CORD, PWR,AC LINE,C13-ARGENTINA,1.5 m	Power cord	401328-016
CORD, PWR,AC LINE,C13-SWISS,1.5 m	Power cord	150304-010
CORD, PWR,AC LINE,C13-NEMA,1.5 m	Power cord	121565-016
CORD, PWR,AC LINE,C13-S.AFRICA,1.5 m	Power cord	187487-008
CORD, PWR,AC LINE,C13-ISRAEL,1.5 m	Power cord	398062-007
CORD, PWR,AC LINE,C13-BRAZIL,1.5 m	Power cord	438723-005
ADF CLNSHET 10PK	Cleaning cloth	L2714-30001

Field Replaceable Units (FRUs)

Not all of the parts shown in the diagrams in this chapter can be ordered. Refer to the table following the diagram or the parts lists at the end of this chapter to determine if a part is orderable.

Table 1-3 FRUs

Item	Description	Part number
HP Dgtl Sender Flw 8500Fn2 US KB WU	Whole unit for 8500 fn2	L2762-69001
HP Dgtl Sender Flw 8500Fn2 US KB CN/IN	Whole unit for 8500 fn2	L2762-69002
HP Dgtl Sender Flw 8500Fn2 US KB Gsku	Whole unit for 8500 fn2	L2762-69003
HP Dgtl Sender Flw 8500Fn2 UK KB WU	Whole unit for 8500 fn2	L2762-69004
HP SJ Ent Flow N9120 fn2 US KB WU	Whole unit for N9120 fn2	L2763-69001
HP SJ Ent Flow N9120 fn2 US KB CN/IN	Whole unit for N9120 fn2	L2763-69002
HP SJ Ent Flow N9120 fn2 US KB Gsku	Whole unit for N9120 fn2	L2763-69003
HP SJ Ent Flow N9120 fn2 UK KB WU	Whole unit for N9120 fn2	L2763-69004
Kit—ADF Whole Unit Work Flow	Document feeder assembly for 8500 fn2	5851-7204
Kit—ADF Hinges	Document feeder hinges for 8500 fn2	5851-7205
Kit—ADF Whole Unit Work Flow	Document feeder assembly for N9120 fn2	J7209-67930

Table 1-3 FRUs (continued)

Item	Description	Part number
Kit—ADF Hinges	Document feeder hinges for N9120 fn2	J7Z09-67931
Assembly—Formatter and Tray	Formatter assembly with Nitro card w/o HDD	L2762-60031
Kit—SSA Top Level Flow	Scanner base assembly w/o ADF for 8500 fn2	L2762-60036
Kit—Top Level SSA Workflow	Scanner flatbed assembly w/o scanner base w/o keyboard w/o control panel for N9120 fn2	L2763-60010
Kit—Integrated A3 Base	Scanner base assembly w/o scanner flatbed w/o keyboard w/o control panel for N9120 fn2	L2763-60011
Kit—Keyboard English US AME	Replacement keyboard US English	J7Z09-67909
Kit—Keyboard English US EMEA	Replacement keyboard UK English	J7Z09-67910
Assembly—Fan with cable and connector	Replacement fan	L2762-60017
ISA Base	Scanner base cover for 8500 fn2	L2762-40002
Cover—Scanner Tub Rear	Replacement rear (SCB) cover for 8500 fn2	J8J63-40001
Cover—A3 Rear Spacer	Replacement rear (SCB) cover for N9120 fn2	J7Z09-40028
215W 100V-240V Power Supply Assembly	Replacement power supply	L2762-60012
Kit—SCB Cage	Replacement SCB for 8500 fn2	L2762-60039
Assembly—SCB Cage Workflow	Replacement SCB for N9120 fn2	J7Z09-60120
Assembly—A3 Nosecone Left	Replacement nosecone section for N9120 fn2	J7Z09-60146
Kit—Power Button	Power button kit for 8500 fn2	L2762-60034
Kit—Power Button	Power button kit for N9120 fn2	L2763-60012
FFC—Power Button	Replacement power button FFC for 8500 fn2	L2762-60011
FFC—Power Button	Replacement power button FFC for N9120 fn2	L2763-50001
Cable Bundle—Power Supply	Replacement power supply cable bundle	L2762-60007
Cable—USB AF Panel Mount WTB (250 mm)	Replacement walk-up USB cable mount for 8500 fn2	5851-7008
Cable—USB, walk up	Replacement walk-up USB cable mount for N9120 fn2	L2763-50004
Cable Bundle—CP Power	Replacement control panel power cable for 8500 fn2	L2762-60009
Cable, Discrete—CP Power	Replacement control panel power cable for N9120 fn2	L2763-50003
Cable Bundle—ADF Power	Replacement document feeder power cable	L2762-60008
Cable—Scanner (HDMI)	Replacement scanner HDMI cable	L2762-60004
Cable—Control Panel (HDMI)	Replacement control panel HDMI cable for 8500 fn2	L2762-60003
Cable—Control Panel (HDMI)	Replacement control panel HDMI cable for N9120 fn2	L2763-50002
Cable—HIP (USB)	Replacement HIP USB cable for 8500 fn2	L2762-60006
Cable—USB, HIP 2	Replacement HIP USB cable for N9120 fn2	L2763-50005
Cable—Ground Strap Braided	Replacement ground cable for N9120 fn2	L2763-50006
HP Gem, 42 mm Chrome	Replacement HP logo gem	7121-8822

Table 1-3 FRUs (continued)

Item	Description	Part number
Plastite screw, K30x1.34x9mm P2	Replacement screw for 8500 fn2	0515-5865
SCR-MACH K30X1.34 9MM-LG TORX T-10 ROHS	Replacement screw for N9120 fn2	0515-4556
Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	Replacement screw	5851-7246
M4 x 0.7 x 10 Thumb Screws	Replacement thumb screws	5851-0660
Screw—M4 x 15 Plastite-T20	Replacement screw for N9120 fn2	5851-2230

Accessories part numbers

Table 1-4 Accessories

Item	Description	Part number
ADF Maintenance Kit	Maintenance kit for the ADF	J8J95A
HP 1 GB DDR 3 x 32 144-Pin 800 MHz SODIMM	Optional DIMM for expanding the memory	E5K48A
HP Jetdirect 2900nw Print Server	USB wireless print server accessory	J8031A
HP Smartcard US Govt Niprnet Solution	HP Access Control solutions (US government only)	CC543A
HP Universal USB Proximity Card Reader	HP Access Control solutions	X3D03A
HP LaserJet Danish/ French/German Overlays Keyboard	Language-specific, adhesive overlay for the physical keyboard (EMEA)	A7W13A
HP LaserJet Swedish Overlay Keyboard	Language-specific, adhesive overlay for the physical keyboard (EMEA)	A7W14A
HP Internal USB Ports	Two internal USB ports for connecting third-party devices	B5L28A
HP Secure High Performance Hard Disk Drive	Replacement hard disk drive	B5L29A

Related documentation and software

HP service personnel, go to the Web-based Interactive Search Engine (WISE) at <https://support.hp.com/wise/home>.

Channel partners, access training materials in the HP University and Partner Learning Center at <https://content.ext.hp.com/sites/LMS/HPU.page>.

Removal and replacement procedures

- [Customer self-repair \(CSR\) parts and assemblies \(8500 fn2 models\)](#)
- [Customer self-repair \(CSR\) parts and assemblies \(N9120 fn2 models\)](#)
- [Field replaceable units \(FRUs\) \(8500 fn2 models\)](#)
- [Field replaceable units \(FRUs\) \(N9120 fn2 models\)](#)

Customer self-repair (CSR) parts and assemblies (8500 fn2 models)


- [Install accessory: HP Universal USB Proximity Card Reader](#)
- [Install accessory: Jetdirect USB wireless print server](#)
- [Removal and replacement: Document feeder rollers and separation pad](#)
- [Removal and replacement: Dashboard](#)
- [Removal and replacement: Control panel](#)
- [Install: Keyboard overlay](#)
- [Removal and replacement: Hard disk drive \(HDD\)](#)

Install accessory: HP Universal USB Proximity Card Reader

- [Introduction](#)
- [Step 1: Unpack the accessory](#)
- [Step 2: Install the HP Universal USB Proximity Card Reader](#)


Introduction

This document provides the procedures to install the HP Universal USB Proximity Card Reader.

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

Before performing service

- Turn the scanner power off.
- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

HP Universal USB Proximity Card Reader part number	
X3D03A	HP Universal USB Proximity Card Reader

Required tools

- Small, flat-blade screwdriver

After performing service

Turn the scanner power on

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

Post service test

Verify that the host computer can successfully access the scanner through the network.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to [Product return and recycling](#).

Step 2: Install the HP Universal USB Proximity Card Reader

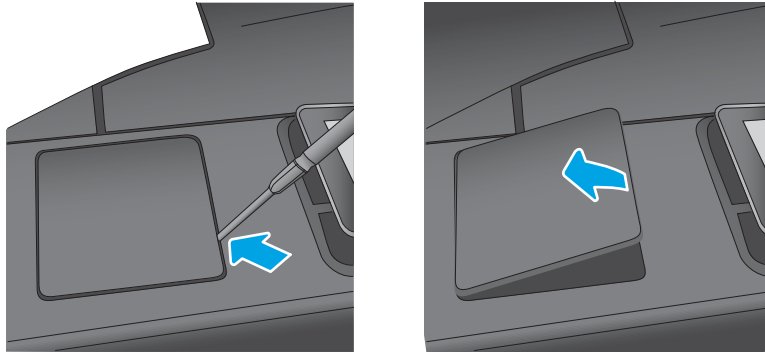
1. To install the print server in the hardware integration pocket (HIP), do the following:
 - a. Locate the hardware integration pocket (HIP) (callout 1).

Figure 1-3 Locate the HIP



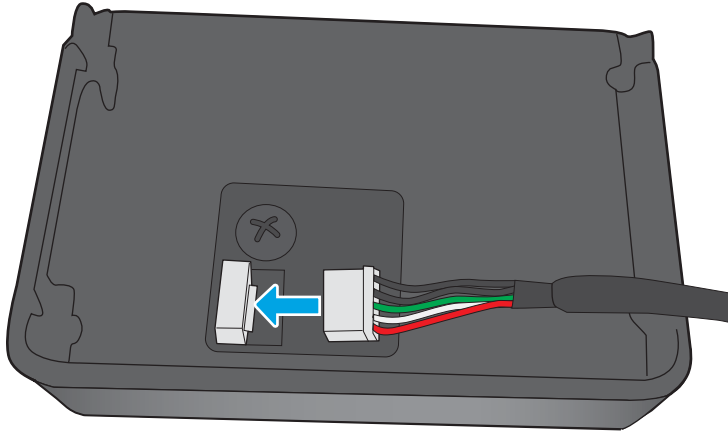
- b. Using a small, flat-blade screwdriver along either long edge, gently pry the HIP cover off.

Figure 1-4 Remove the HIP cover



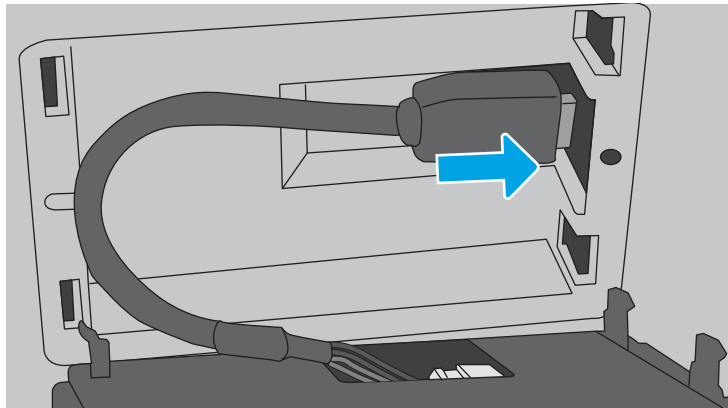
- c. Connect the white connector on the short USB cable provided in the kit to the print server.

Figure 1-5 Connect the USB cable to the print server



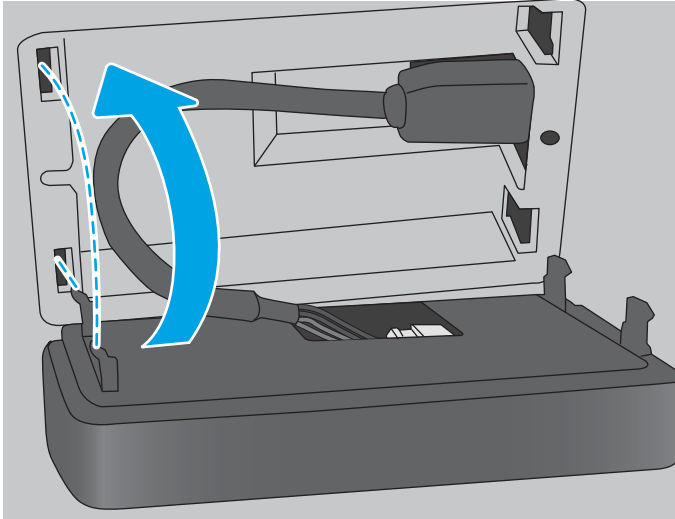
- d. Connect the USB connector on the short USB cable to the socket in the scanner HIP.

Figure 1-6 Connect the USB cable to the scanner



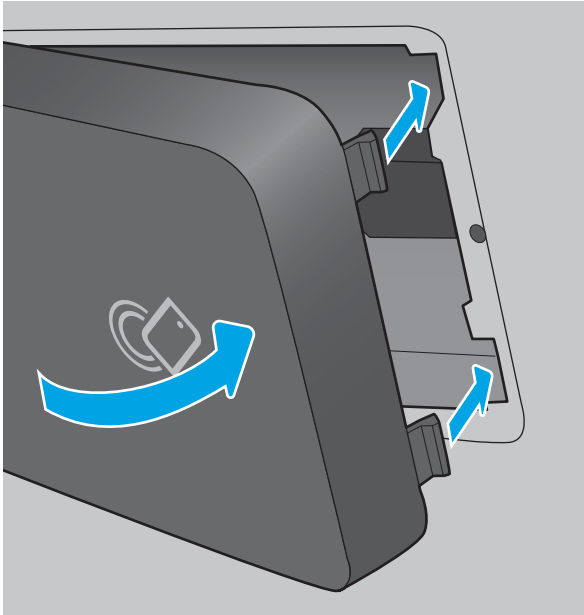
- e. Insert the hook-shaped clips of print server into the HIP recess.

Figure 1-7 Install the clips



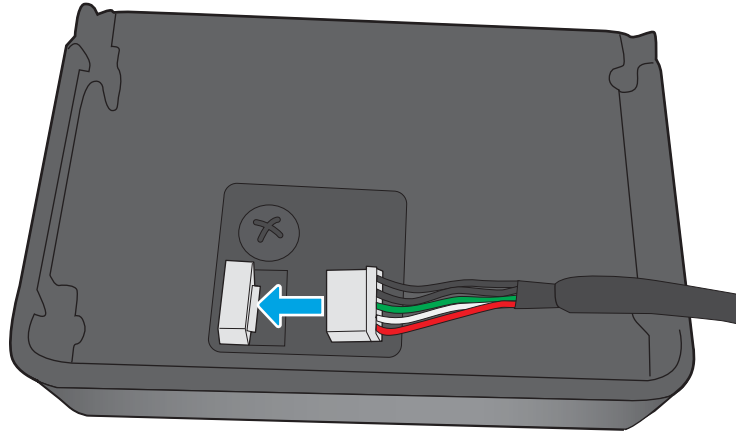
- f. Gently push the print server onto the rounded clips so that it is held securely in place in the HIP.

Figure 1-8 Install the print server



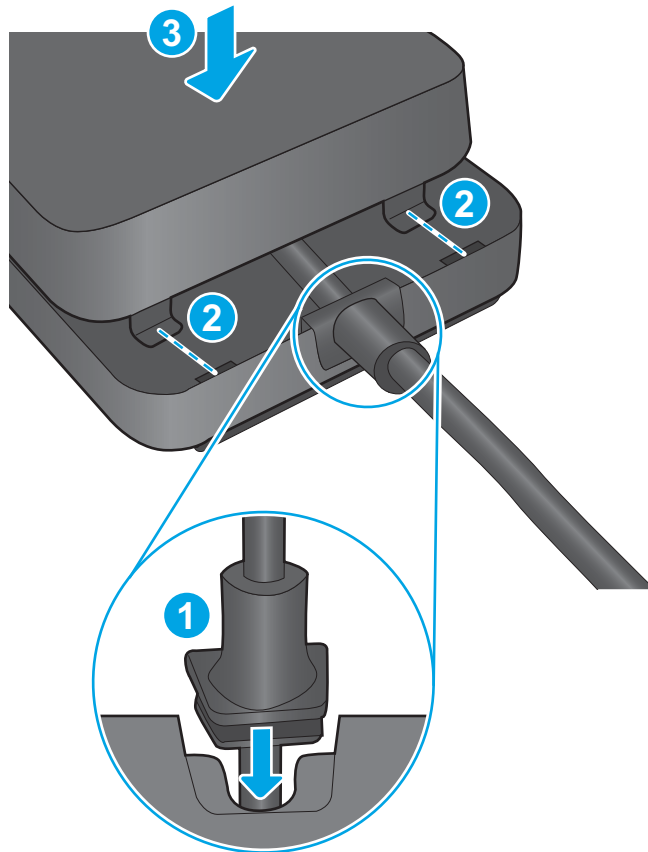
- 2. To install the print server on the outside of the scanner, do the following:
 - a. Connect the white connector on the long USB cable provided in the kit to the print server.

Figure 1-9 Connect the USB cable to the print server



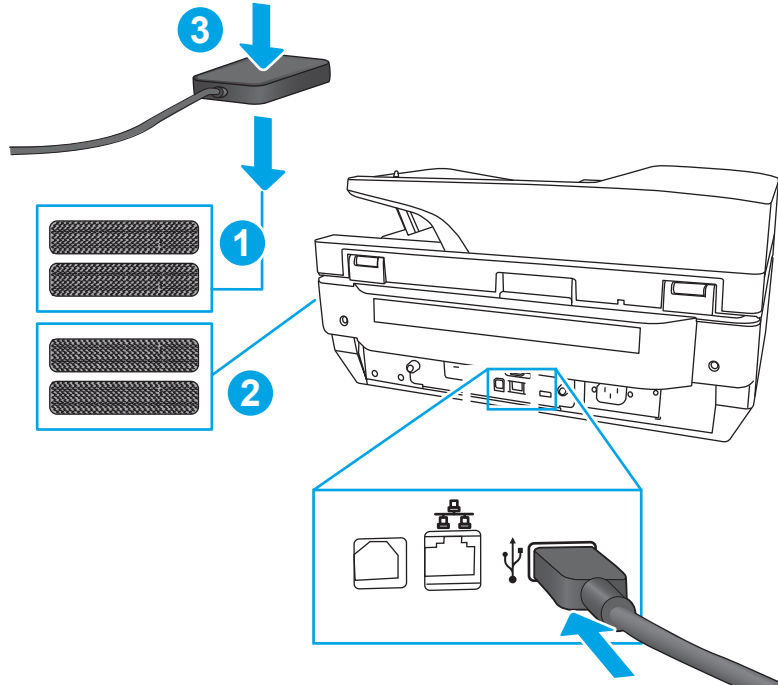
- b. Push the long USB cable in the slot on the accessory cover provided in the kit out (callout 1), and then insert the hook-shaped clips of the print server into the accessory cover (callout 2). Press down to firmly attach the print server to the accessory cover (callout 3).

Figure 1-10 Attach the accessory cover



- c. Attach the fastener strips provided in the kit to the bottom of the print server (callout 1). Remove the backing paper in order to attach the bottom set of fastener strips to the top of the scanner (callout 2). Place the print server on the scanner (callout 3). Connect the USB connector on the long USB cable to the USB accessory port on the scanner (callout 4).

Figure 1-11 Attach the print server to the scanner



Install accessory: Jetdirect USB wireless print server

- [Introduction](#)
- [Step 1: Unpack the accessory](#)
- [Step 2: Install the Jetdirect USB wireless print server](#)

Introduction

This document provides the procedures to install the Jetdirect USB wireless print server.



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

Before performing service

- Turn the scanner power off.
- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Jetdirect USB wireless print server part number	
J8031A	HP Jetdirect 2900nw print server

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

Verify that the host computer can successfully access the scanner through the network.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

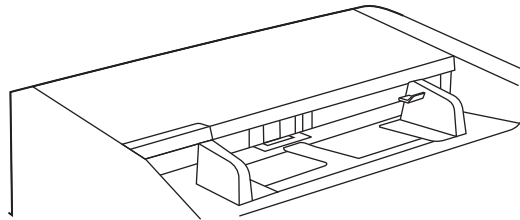
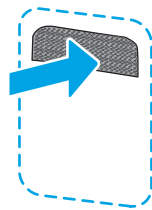
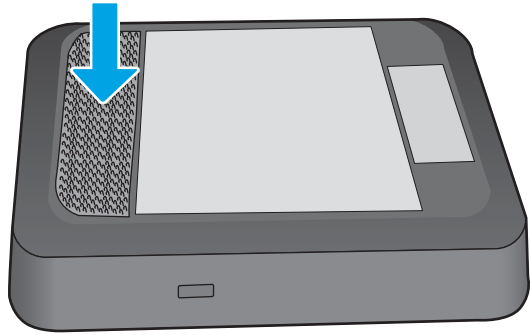
For complete information on HP's recycling programs, go to [Product return and recycling](#).

Step 2: Install the Jetdirect USB wireless print server

1. If the print server will be mounted on the wall, do the following:

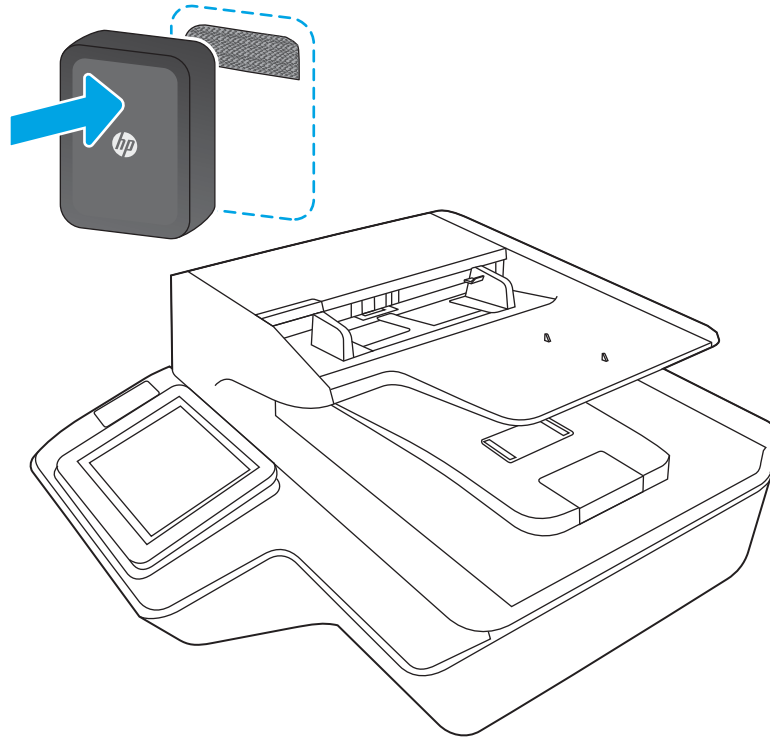
- a. Attach one of the fastener strips provided in the kit to the back of the print server. Attach the other fastener strip to a smooth, non-metal wall near the scanner.

Figure 1-12 Attach fastener strips



- b. Attach the print server to the fastener strip on the wall.

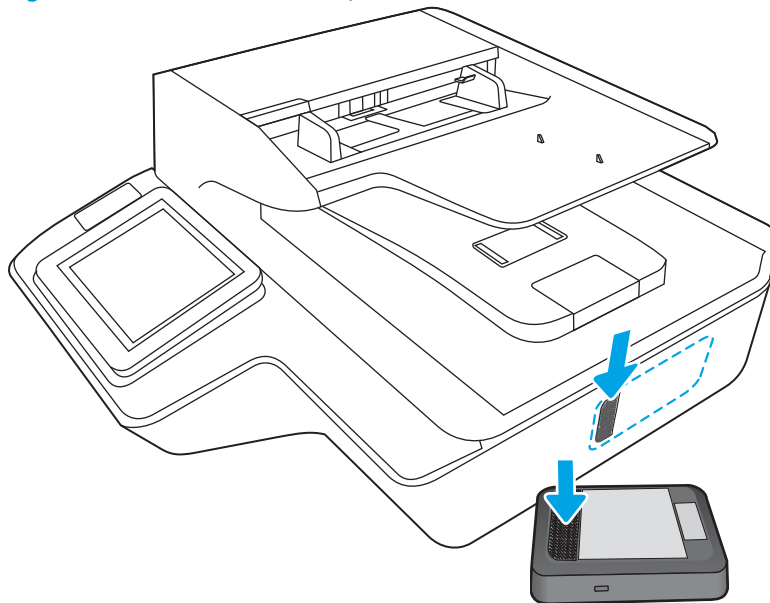
Figure 1-13 Attach the print server to the wall



2. If the print server will be mounted on the scanner, do the following:

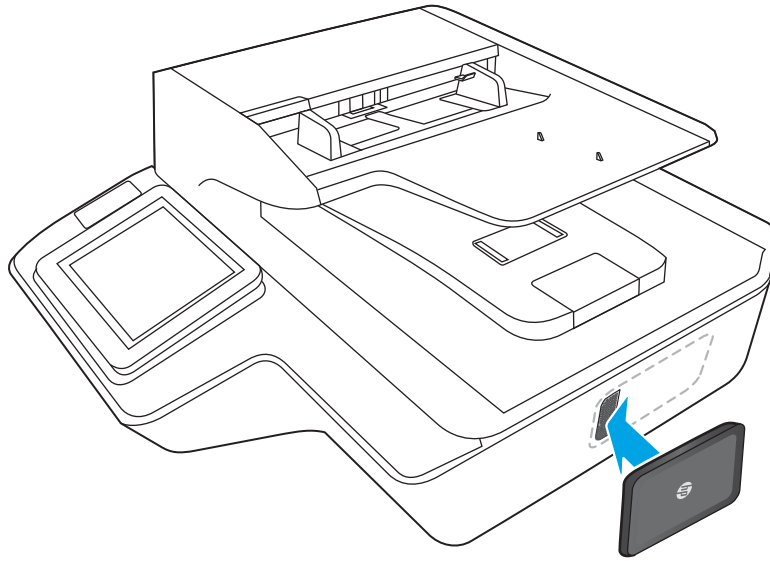
- a. Attach one of the fastener strips provided in the kit to the back of the print server. Attach the second fastener strip to the location on the scanner where the print server will be installed.

Figure 1-14 Attach fastener strips



- b. Attach the print server to the fastener strip on the scanner.

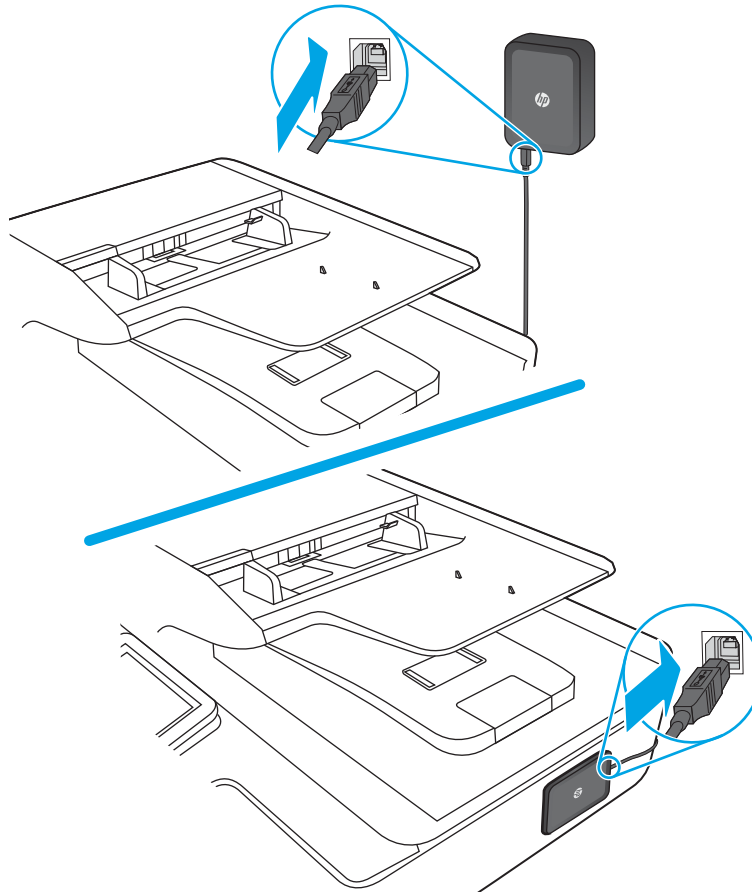
Figure 1-15 Attach the print server to the scanner



- 3. If the print server is connected only to the wireless network, do the following:

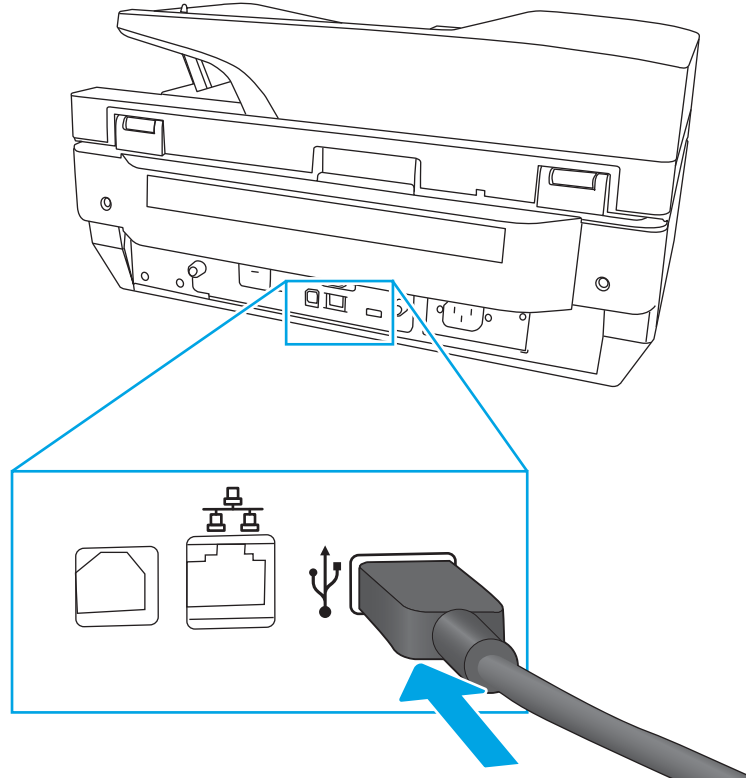
- a. Attach the USB Type-B (rounded) end of the cable provided in the kit to the USB port on the back of the server.

Figure 1-16 Attach the USB cable to the server



- b. Attach the USB Type-A (flat) end of the cable to the USB accessory port on the scanner.

Figure 1-17 Attach the USB cable to the scanner



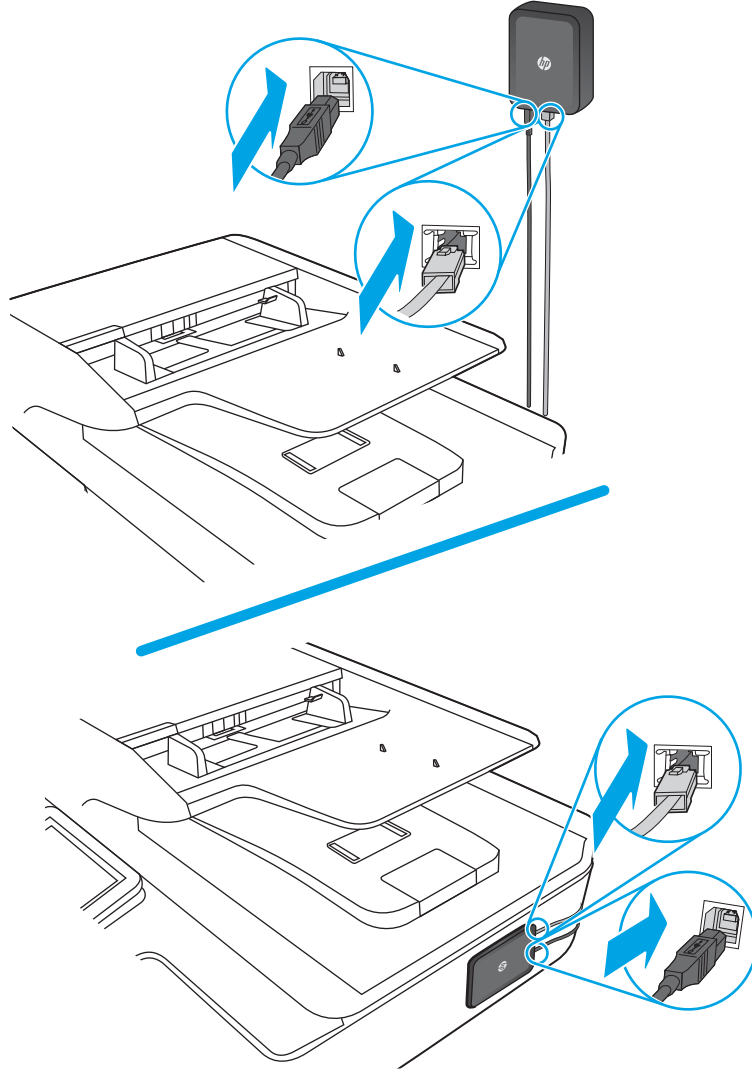
4. If the print server is connected to both the wireless network and the wired network, do the following:



NOTE: A wired network connection enables connection to a wireless network/LAN and to one or more wired networks/LANs.

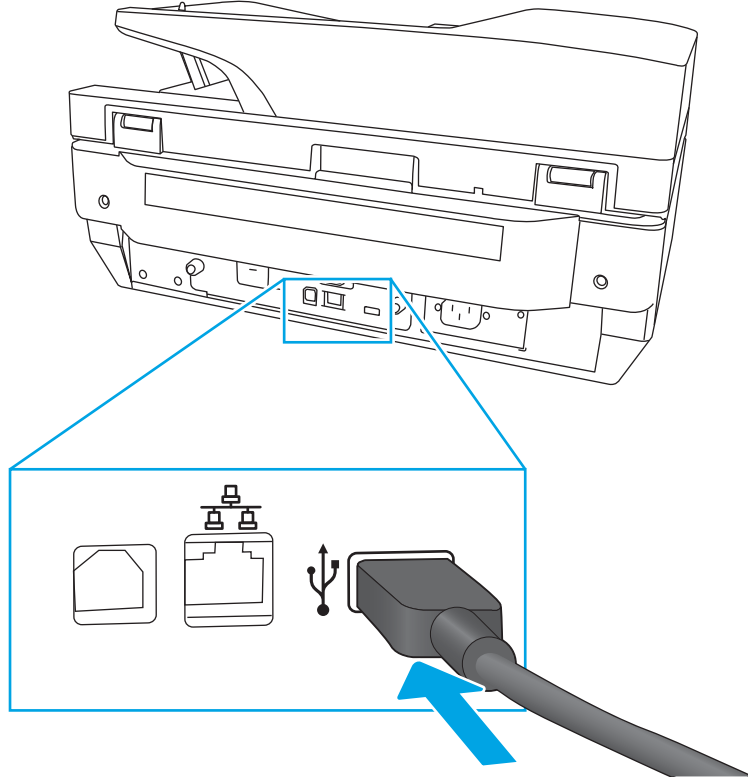
- a. Attach the USB Type-B (rounded) end of the cable provided in the kit to the USB port on the back of the server. Also attach an Ethernet cable (not provided in the kit) to the Ethernet port on the back of the server.

Figure 1-18 Attach the USB and network cables to the print server



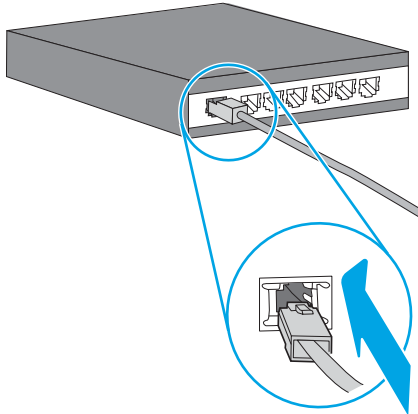
- b. Attach the USB Type-A (flat) end of the cable to the USB accessory port on the scanner.

Figure 1-19 Attach the USB cable to the scanner



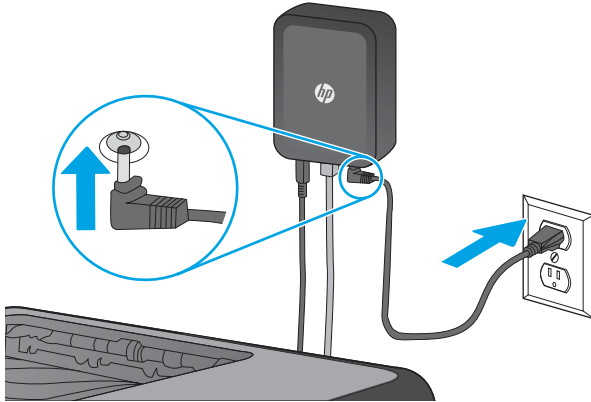
- c. Attach other end of the Ethernet cable to the network.

Figure 1-20 Attach the Ethernet cable to the network



5. Attach the power supply cable provided in the kit to the print server, and then connect the power cord to the power source.

Figure 1-21 Connect the power cable




Removal and replacement: Document feeder rollers and separation pad


- [Introduction](#)
- [Step 1: Remove the pickup rollers](#)
- [Step 2: Remove the separation assembly](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the separation assembly](#)
- [Step 5: Install the pickup rollers](#)
- [Step 6: Update the document feeder kit replacement history](#)
- [Step 7: Set the Very Low Behavior option](#)


Introduction

This document provides the procedures to remove and replace the ADF rollers.

Always replace the separation assembly when replacing the document feeder rollers. The document feeder rollers, separation pad, and separation rollers are included in the document feeder roller replacement kit.


 **NOTE:** The document feeder roller replacement kit is a consumable and is not covered under warranty or standard service agreements.

 **NOTE:** HP recommends that you replace the rollers every 150,000 scans.

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

Before performing service

- Turn off the scanner, and then disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

ADF maintenance kit part number	ADF Maintenance Kit
5851-7202	ADF Maintenance Kit

Required tools

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

After performing service

Turn the scanner power on


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

Post service test

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

Step 1: Remove the pickup rollers

 **CAUTION:** Do not touch the rollers. Oils from your fingers can impact performance.

 **NOTE:** If the product is on and you open and close the document feeder hatch, the attention message **If document feeder roller cleanup is complete, clear message** displays. Touch **Cancel** to clear the message.

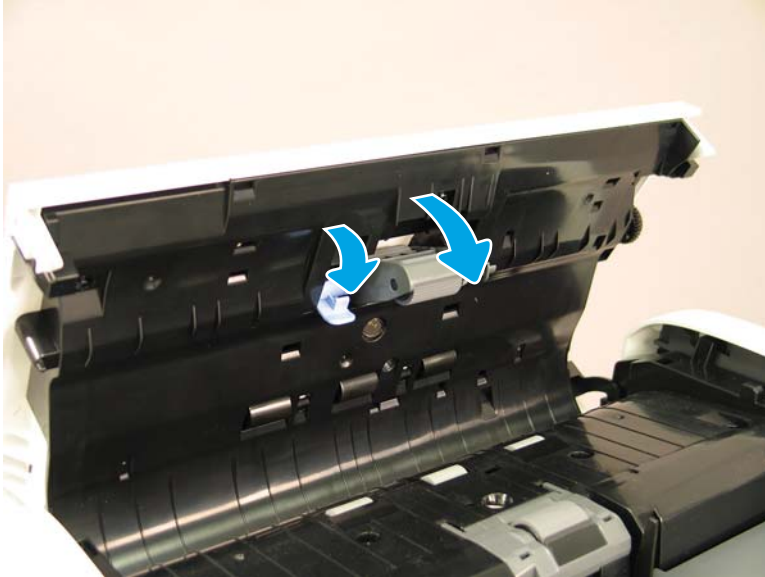
1. Open the document feeder access door.

Figure 1-22 Remove the pickup rollers (1 of 3)



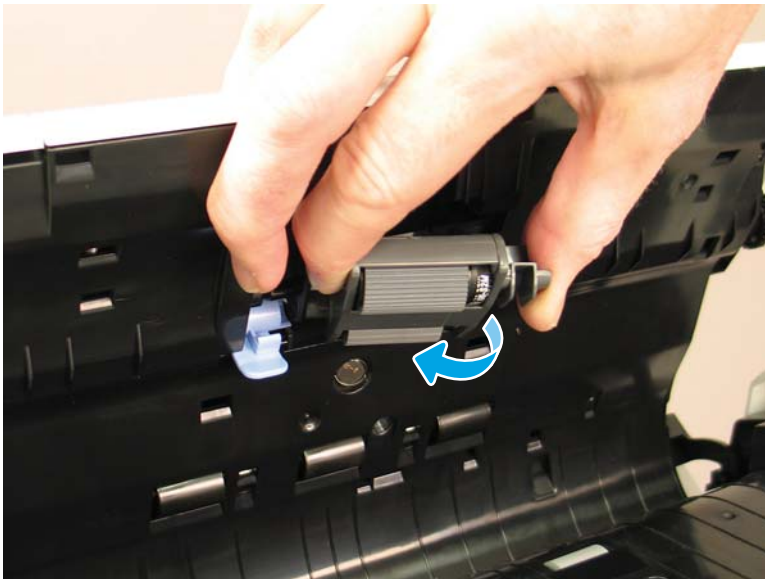
2. Release the colored plastic tab so that the right side of the roller assembly releases from the access door and drops.

Figure 1-23 Remove the pickup rollers (2 of 3)



3. Grab the loose end of the assembly, gently pull the back end of the assembly toward the front of the document feeder, and then pull the roller assembly away from the access door.

Figure 1-24 Remove the pickup rollers (3 of 3)



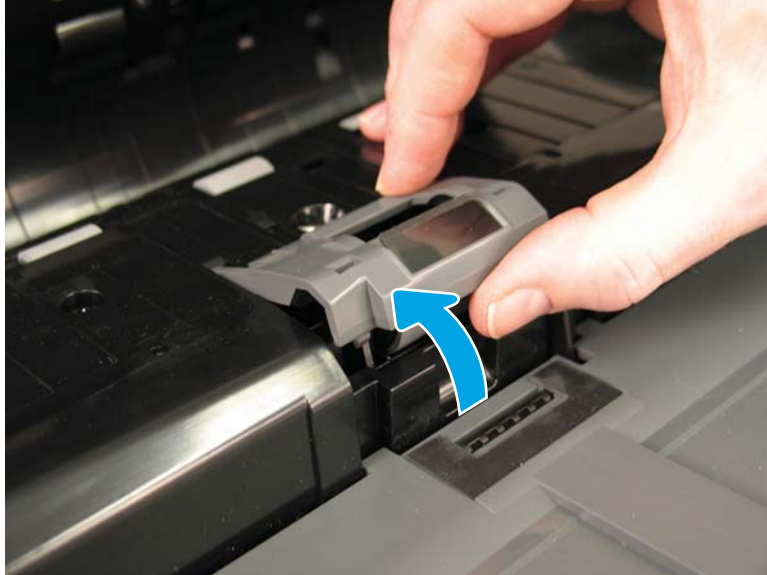
Step 2: Remove the separation assembly

CAUTION: Do not touch the separation pad or roller. Oils from your fingers can impact performance.

NOTE: Always replace the pick-up rollers when replacing the separation assembly. The pick-up rollers and separation assembly are included in the document feeder roller replacement kit.

1. On the right side of the separation pad assembly, lift up to release it from the document feeder input tray.

Figure 1-25 Remove the separation assembly (1 of 3)



2. On the left side, squeeze both sides to release the pins that hold it to the input tray, and then pull the separation pad assembly away from the feeder.

Figure 1-26 Remove the separation assembly (2 of 3)



3. Pull up on the back end of the separation roller, and then remove it from the input tray.

Figure 1-27 Remove the separation assembly (3 of 3)



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.




NOTE: HP recommends responsible disposal of the defective part.

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

2. Unpack the replacement part from the packaging.



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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.



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

Step 4: Install the separation assembly

1. The front end of the separation roller shaft is shaped so that it cannot be inserted incorrectly. Insert the front end of the roller toward the front of the scanner, and then pivot the assembly to set the back end in place.

Figure 1-28 Install the separation assembly (1 of 2)



2. Squeezing the two sides gently, insert the left end of the separation pad assembly into the slots in the input tray, and then pivot the assembly to set the right end in place.

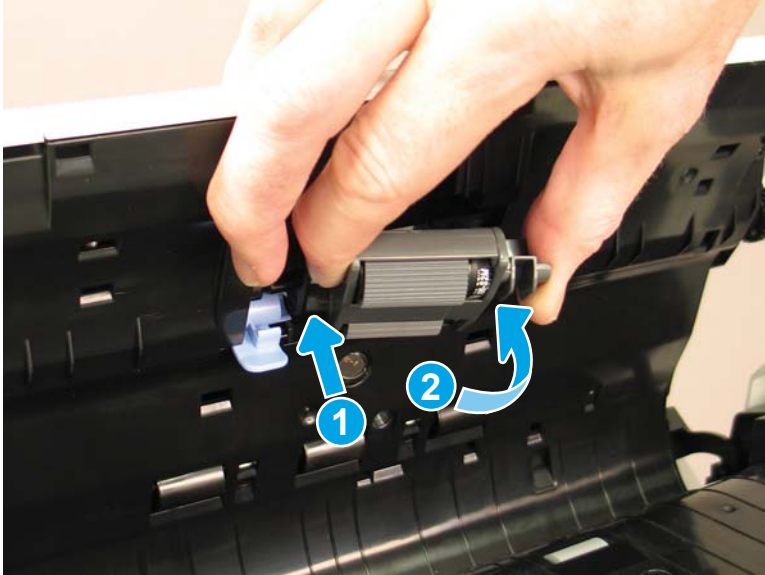
Figure 1-29 Install the separation assembly (2 of 2)



Step 5: Install the pickup rollers

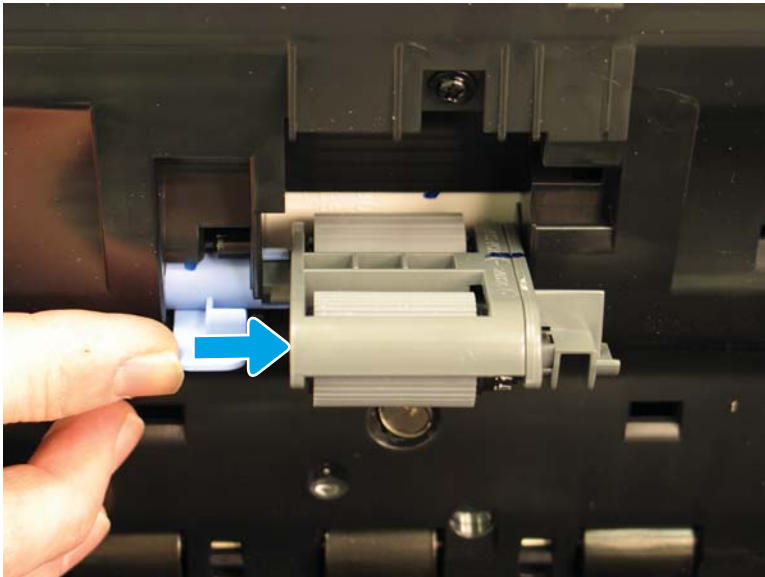
1. Insert the front end of the pickup roller assembly left side first, and then pivot the assembly toward the back of the scanner to lock the back end in place.

Figure 1-30 Install the pickup rollers (1 of 3)



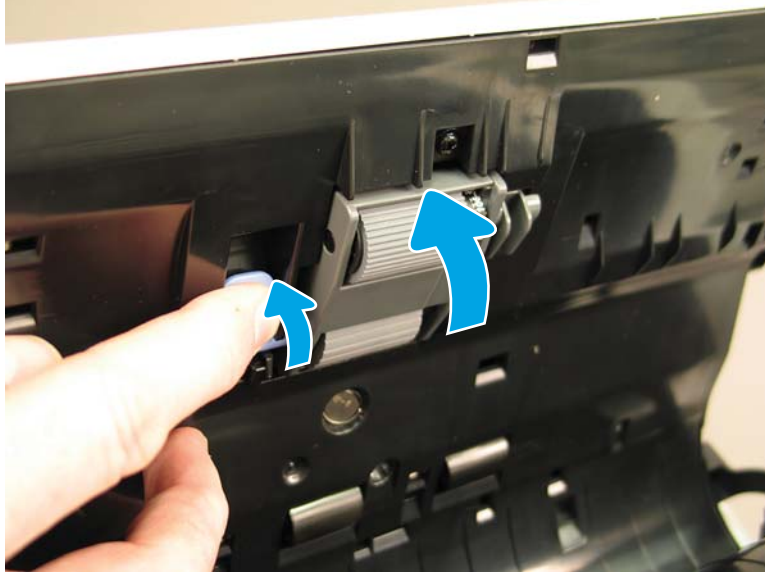
2. Slide the tab toward the back of the scanner to secure the assembly in place.

Figure 1-31 Install the pickup rollers (2 of 3)



3. Pivot the colored tab into the access door until it clicks into place.

Figure 1-32 Install the pickup rollers (3 of 3)



Step 6: Update the document feeder kit replacement history

Use this procedure to reset the counter for the ADF rollers.

1. From the Home screen on the product control panel, select [Settings](#).
2. Select [Manage Supplies](#).
3. Select [Reset Supplies](#).
4. Select [Document Feeder Kit](#).
5. Select [Reset](#).

Step 7: Set the Very Low Behavior option

Use this procedure to change the product behavior when the rollers reach the Very Low threshold.

1. From the Home screen on the product control panel, select [Settings](#).
2. Open the following menus:
 - [Manage Supplies](#)
 - [Very Low Behavior](#)
 - [Document Feeder Kit](#)
3. Select one of the following options:


- Select the [Stop](#) option to set the product to stop scanning until you replace the document feeder kit.
- Select the [Prompt to continue](#) option to set the product to stop scanning and prompt you to replace the document feeder kit. You can acknowledge the prompt and continue scanning.
- Select the [Continue](#) option to set the product to alert you that the document feeder kit needs to be replaced, but to continue scanning.

Removal and replacement: Dashboard

- [Introduction](#)
- [Step 1: Remove the dashboard](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the dashboard](#)


Introduction

This document provides the procedures to remove and replace the dashboard.

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

Before performing service

- Turn off the scanner, and then disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Dashboard part number	
L2762-40003	Dashboard

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the dashboard

1. Lift the scanner lid to the fully raised position.
2. Starting at one of the lower corners of the scanner dashboard, gently pry up the dashboard cover with your fingers, moving across the front of the cover from one corner to the other.

Figure 1-33 Remove the dashboard (1 of 2)



3. Gently lift the front of the cover to disengage the tabs at the back of the cover, and then lift the loose cover over the control panel and off the scanner.

Figure 1-34 Remove the dashboard (2 of 2)





Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 3: Install the dashboard

- ▲ Install the dashboard cover over the control panel, and then insert the back end into the scanner first, to set the tabs on the back end. Lower the front end of the dashboard cover into place, and then gently press the cover down to engage the tabs underneath the cover and at the front end of the cover. Make sure all six tabs on the back edge of the dashboard are seated.

Figure 1-35 Install the dashboard





Removal and replacement: Control panel

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the control panel](#)


- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the control panel](#)
- [Step 5: Install remaining parts](#)
- [Step 6: Run control panel calibrations](#)

Introduction

This document provides the procedures to remove and replace the control panel.


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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Before performing service

- Turn off the scanner, and then disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Control panel part number	
J7Z09-67928	Control panel

Required tools

- Small, flat-blade screwdriver

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

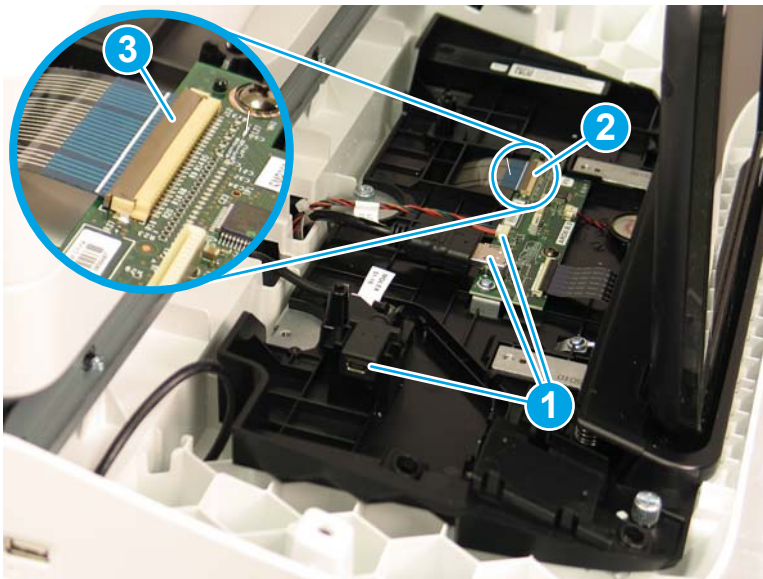
- Dashboard. See [Step 1: Remove the dashboard on page 35](#).

Step 2: Remove the control panel

1. Disconnect three cables (callout 1) and one FFC (callout 2).

⚠ CAUTION: The FFC connector (callout 2) is a locking zero insert force (ZIF) connector. Lift up on the locking flap (callout 3) to release the FFC. Pulling out the cable without releasing the flap can damage the cable.

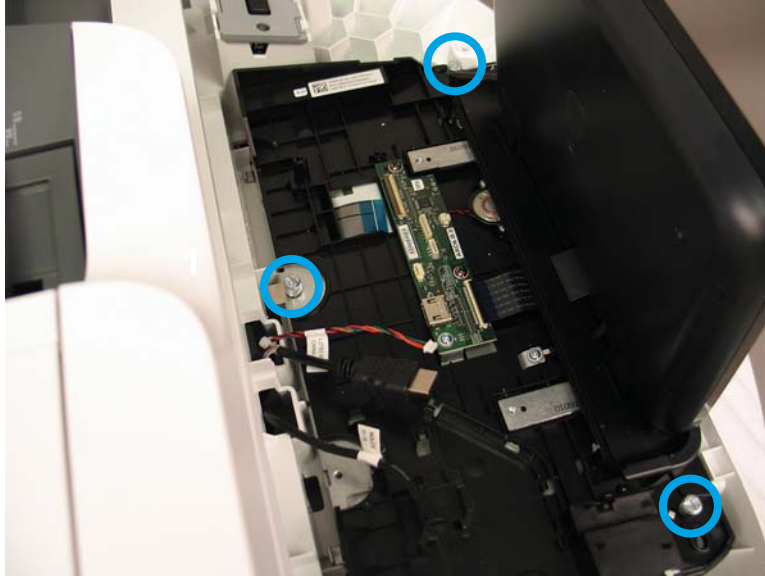
Figure 1-36 Remove the control panel (1 of 3)



2. Remove three thumbscrews.

 **NOTE:** These thumbscrews are tightened at the factory and will require a screwdriver or coin to remove them.

Figure 1-37 Remove the control panel (2 of 3)




3. Lift the front of the control panel, and then pull the back end of the control panel away from the scanner.

Figure 1-38 Remove the control panel (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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

2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the control panel

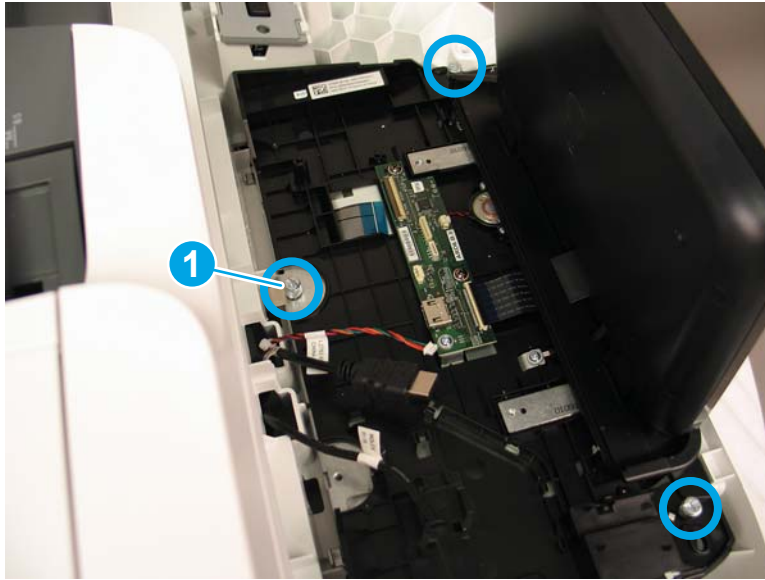
1. With the control panel front end raised higher than the back end, insert the four tabs on the back end of the scanner tub into the back of the control panel, and then lower the control panel front end into place.


Figure 1-39 Install the control panel (1 of 3)



2. Install the three thumbscrews.

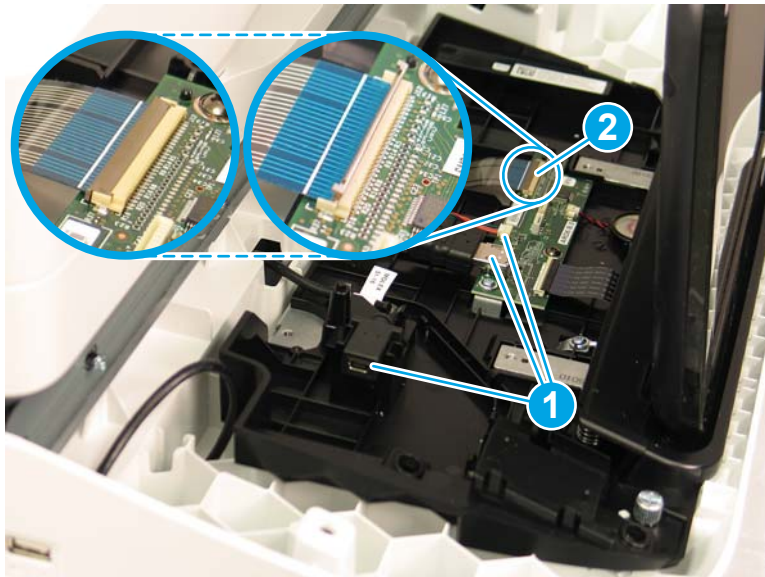
Figure 1-40 Install the control panel (2 of 3)



 **NOTE:** The rear thumbscrew (callout 1) must be installed through the grounding strip and ground cable that rest on top of the control-panel assembly. Do not damage the grounding strip and wire, or trap them under the control-panel assembly when reinstalling the control panel.

3. Reconnect the three cables (callout 1) and the FFC (callout 2), being careful with the ZIF connector for the FFC. There is a line printed on the FFC that shows proper alignment and insertion depth for the FFC.

Figure 1-41 Install the control panel (3 of 3)



Step 5: Install remaining parts

Reinstall the parts that you removed in Step 1.

Step 6: Run control panel calibrations

The replacement control-panel assembly ships with default calibration values. After installing a new control-panel assembly, calibrate and test the control panel.

Install: Keyboard overlay

- [Introduction](#)
- [Step 1: Unpack the keyboard overlay](#)
- [Step 2: Install the keyboard overlay](#)

Introduction

This document provides the procedures to remove and replace the keyboard overlay.



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

Before performing service

- Turn the scanner power off. A shutting-down message appears on the control-panel display.
- ⚠ **WARNING!** To avoid damage to the scanner, turn the power off and wait until the scanner shuts down before removing the power cable.
- Disconnect the power cable after the scanner is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Keyboard overlay part numbers	
5851-6019	Kit - Keyboard Overlay (FR, IT, RU, DE, ES: UK Kybd) (EMEA)
5851-6020	Kit - Keyboard Overlay (FR-CN, ES-LA, ES: US Kybd) (NA)
5851-6021	Kit - Keyboard Overlay (FR-SW, DE-SW, DA: UK Kybd) (EMEA)
5851-6022	Kit - Keyboard Overlay (ZHTW, ZHCN) (AP)
5851-6023	Kit - Keyboard Overlay (ES, PT) (EMEA)
5851-6024	Kit - Keyboard Overlay (JA-KG, JA-KT) (AP)
A7W12-67901	Kit - Keyboard Overlay Chinese
A7W14-67901	Kit - Keyboard Overlay Sweden

Required tools

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

After performing service

- Connect the scanner power cable.
- Turn the scanner power on.

Post service test

No post service test is available for this assembly.

Step 1: Unpack the keyboard overlay

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to [Product return and recycling](#).

Step 2: Install the keyboard overlay

1. Slide the keyboard tray out until it stops.

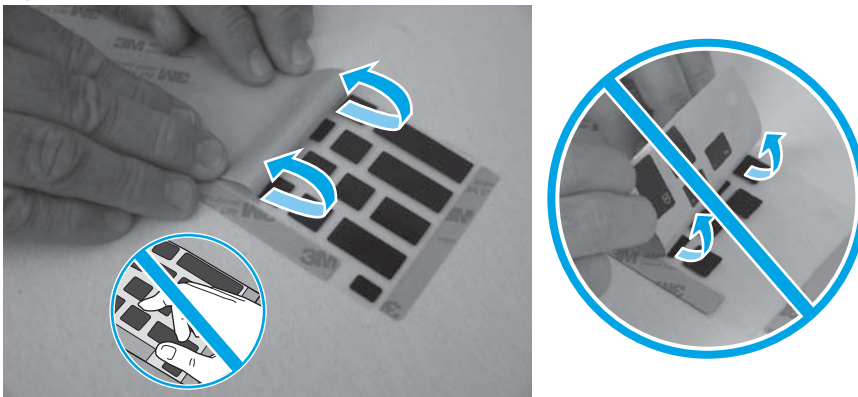
Figure 1-42 Slide the keyboard tray out



2. Carefully peel the backing from the overlay.

CAUTION: Do not touch the adhesive squares and be careful so that the adhesive squares do not come off with the backing.

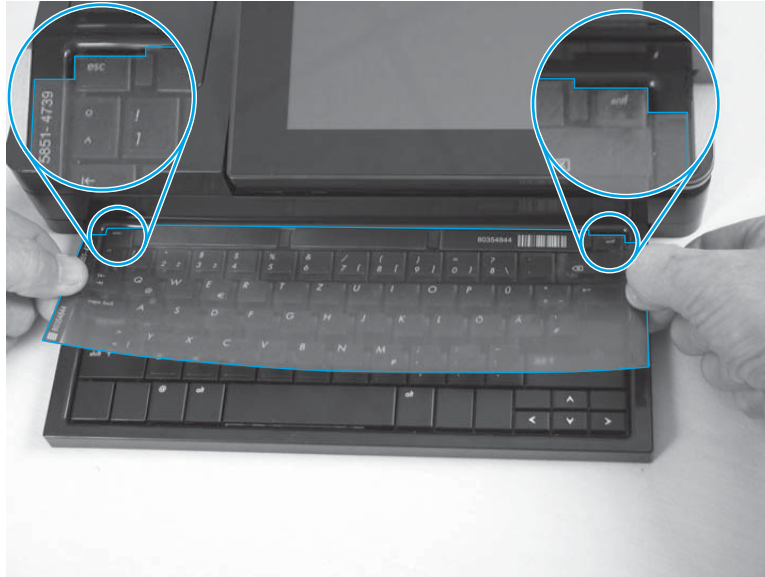
Figure 1-43 Remove the backing



3. Position the keyboard overlay on the keyboard by aligning the upper corners of the overlay with the edges of the keyboard.

 **NOTE:** A different model of keyboard is pictured in the figure below. The procedure is still correct for these scanner models.

Figure 1-44 Position the keyboard overlay



4. Place one hand under the keyboard and press upward (callout 1). Place the other hand on top of the keyboard and press downward (callout 2). Continue to press while sliding both hands to the right to adhere the keyboard overlay to the keyboard.


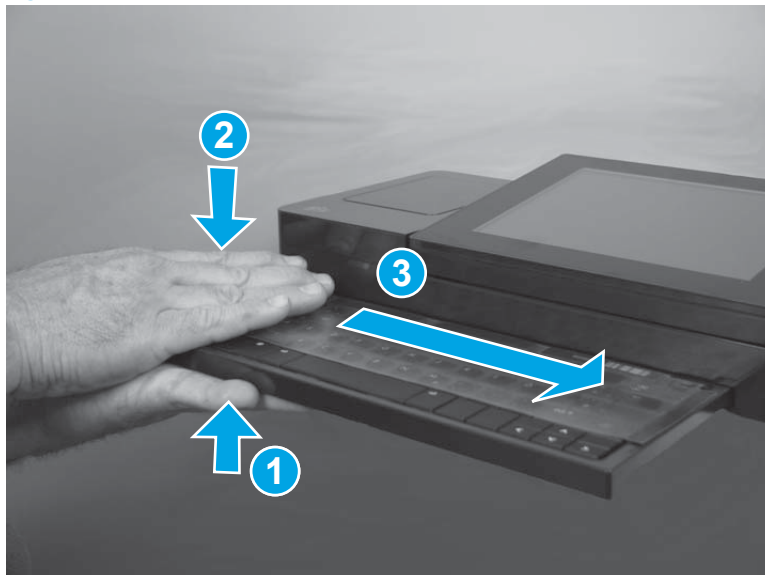
 **NOTE:** A different model of keyboard is pictured in the figure below. The procedure is still correct for these scanner models.

Figure 1-45 Apply the keyboard overlay

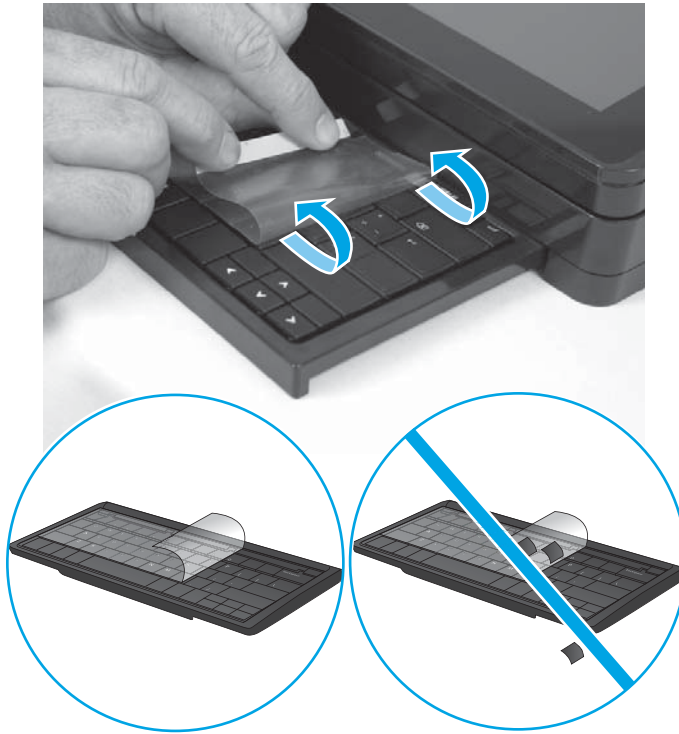


- Carefully remove the protective top sheet from the keyboard overlay.

CAUTION: Make sure that the adhesive squares do not come off of the keyboard with the protective sheet.

NOTE: A different model of keyboard is pictured in the figure below. The procedure is still correct for these scanner models.

Figure 1-46 Apply the keyboard overlay



Removal and replacement: Hard disk drive (HDD)

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the HDD](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the HDD](#)
- [Step 5: Install remaining parts](#)


Introduction

This document provides the procedures to remove and replace the hard disk drive.

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

Before performing service

- Disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

HDD part number	
L2762-60035	HDD

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

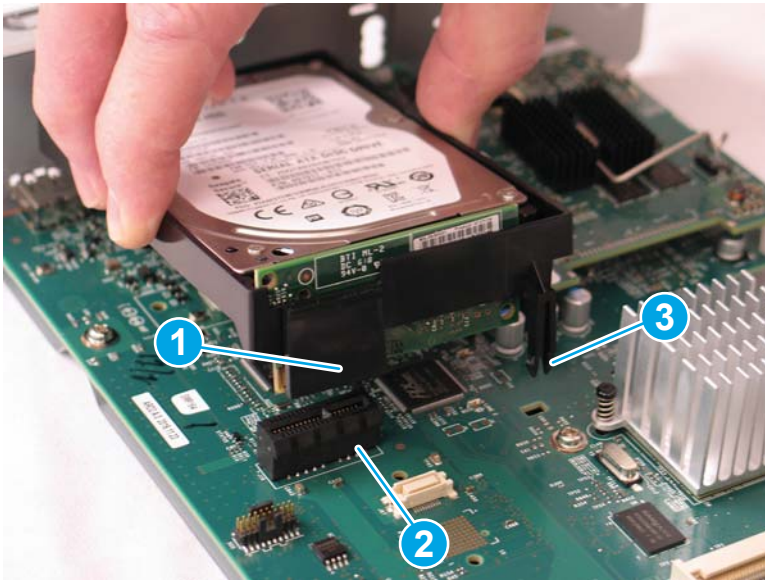
- Formatter. See [Step 1: Remove the formatter on page 107](#).

Step 2: Remove the HDD

1. Before removing the hard disk drive, back up the product data. See [Back up product data on page 5](#).

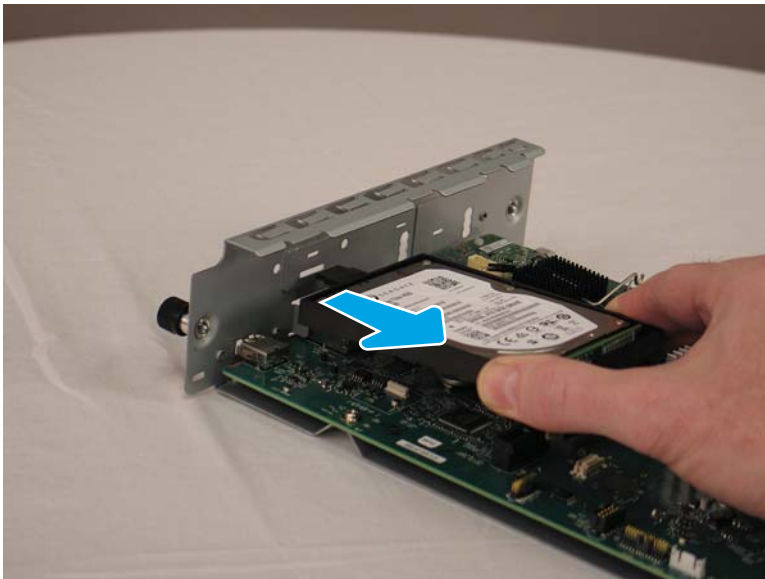
2. On the formatter PCA, pinch the top of the release tab (callout 1), and then gently lift that corner to disconnect one connector (callout 2). Once the connector is disconnected, release the support post (callout 3) from the HDD to remove it completely.

Figure 1-47 Remove the HDD (1 of 2)



3. Pull the HDD away from the formatter faceplate.


Figure 1-48 Remove the HDD (2 of 2)



4. The HDD might still have data on it. HP recommends erasing or destroying the disk drive prior to disposal.



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

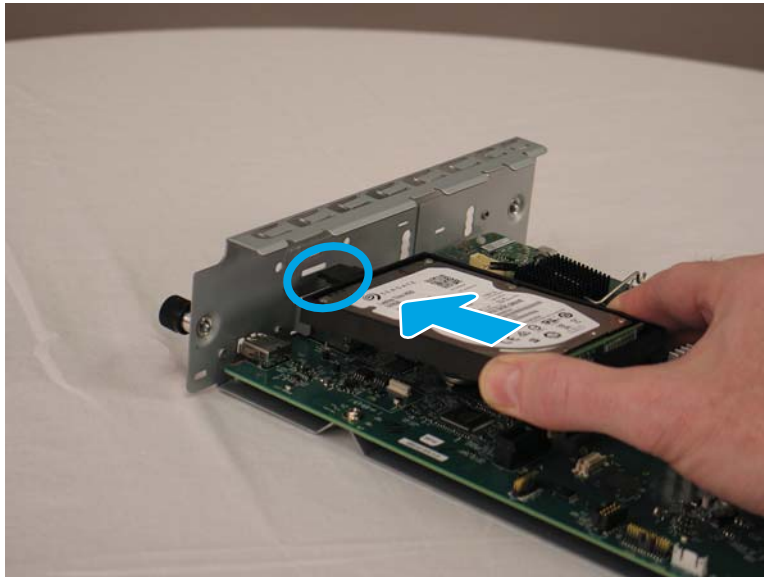
If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the HDD

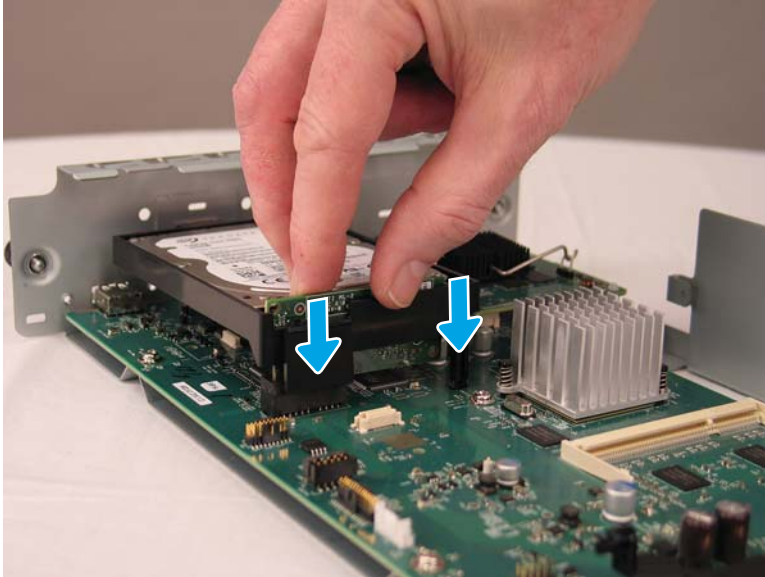
1. Insert the tab on the HDD support into the formatter faceplate.

Figure 1-49 Install the HDD (1 of 2)



2. Make sure that the card is fully seated in the connector, and then gently press the other end of the HDD into the formatter PCA to lock it in place.

Figure 1-50 Install the HDD (2 of 2)



3. After installing a replacement hard disk drive, reload the firmware by performing a firmware upgrade.

Step 5: Install remaining parts

Reinstall the parts that you removed in Step 1.

Customer self-repair (CSR) parts and assemblies (N9120 fn2 models)

- [Install accessory: HP Universal USB Proximity Card Reader](#)
- [Install accessory: Jetdirect USB wireless print server](#)
- [Removal and replacement: Document feeder rollers and separation pad](#)
- [Removal and replacement: Dashboard](#)
- [Removal and replacement: Control panel](#)
- [Install: Keyboard overlay](#)
- [Removal and replacement: Hard disk drive \(HDD\)](#)

Install accessory: HP Universal USB Proximity Card Reader

- [Introduction](#)
- [Step 1: Unpack the accessory](#)
- [Step 2: Install the HP Universal USB Proximity Card Reader](#)

Introduction

This document provides the procedures to install the HP Universal USB Proximity Card Reader.



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

Before performing service

- Turn the scanner power off.
- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

HP Universal USB Proximity Card Reader part number	
X3D03A	HP Universal USB Proximity Card Reader

Required tools

- Small, flat-blade screwdriver

After performing service

Turn the scanner power on

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

Post service test

Verify that the host computer can successfully access the scanner through the network.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to [Product return and recycling](#).

Step 2: Install the HP Universal USB Proximity Card Reader

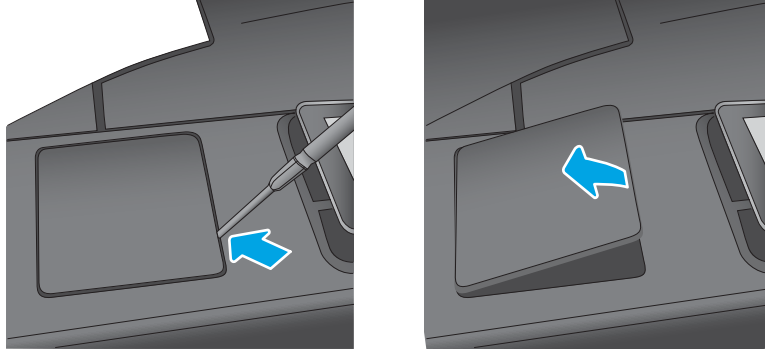
1. To install the print server in the hardware integration pocket (HIP), do the following:
 - a. Locate the hardware integration pocket (HIP) (callout 1).

Figure 1-51 Locate the HIP



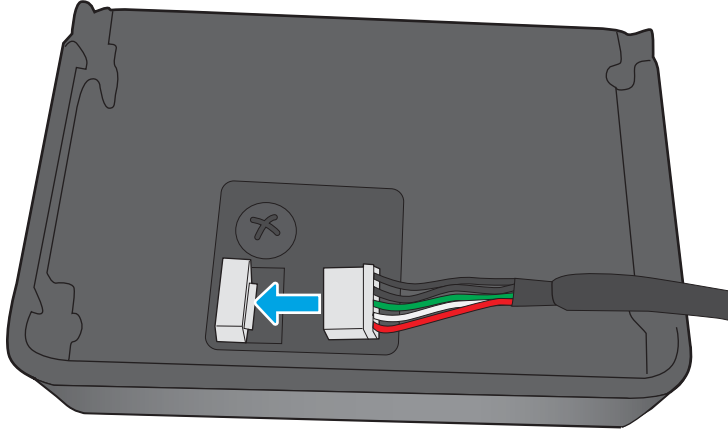
- b. Using a small, flat-blade screwdriver along either long edge, gently pry the HIP cover off.

Figure 1-52 Remove the HIP cover



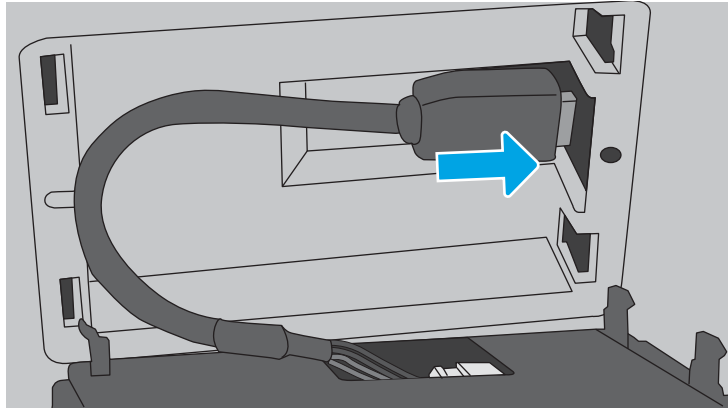
- c. Connect the white connector on the short USB cable provided in the kit to the print server.

Figure 1-53 Connect the USB cable to the print server



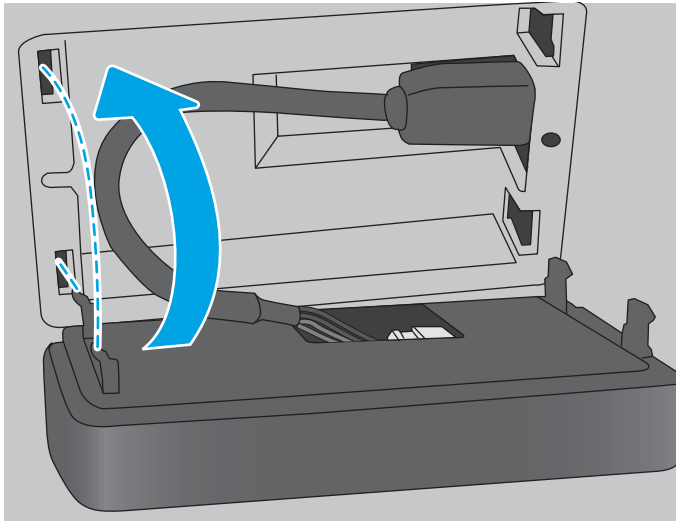
- d. Connect the USB connector on the short USB cable to the socket in the scanner HIP.

Figure 1-54 Connect the USB cable to the scanner



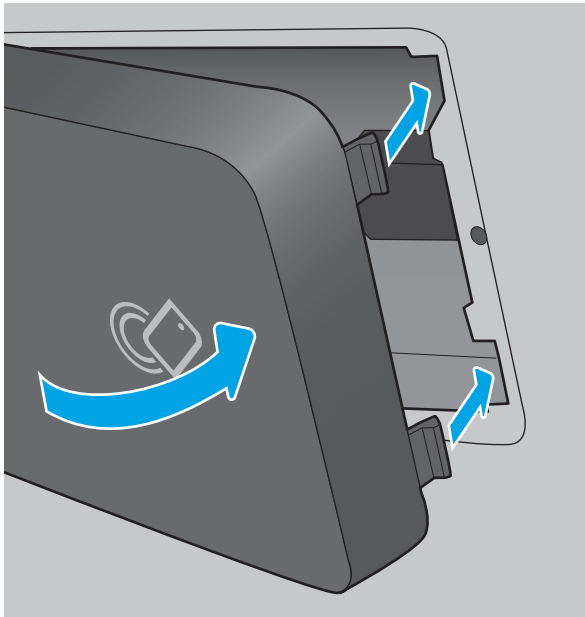
- e. Insert the hook-shaped clips of print server into the HIP recess.

Figure 1-55 Install the clips



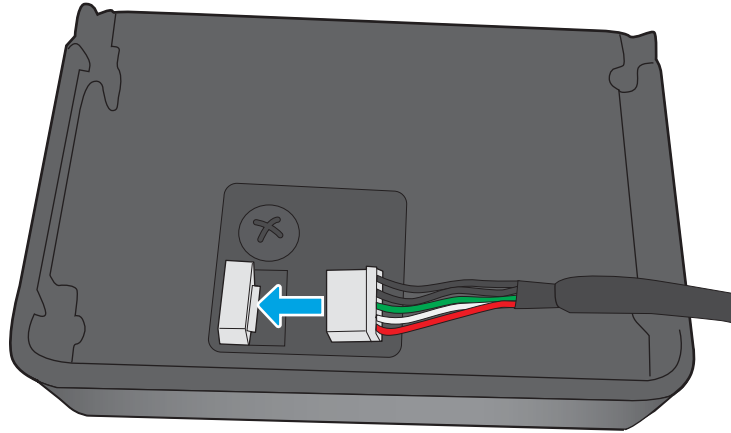
- f. Gently push the print server onto the rounded clips so that it is held securely in place in the HIP.

Figure 1-56 Install the print server



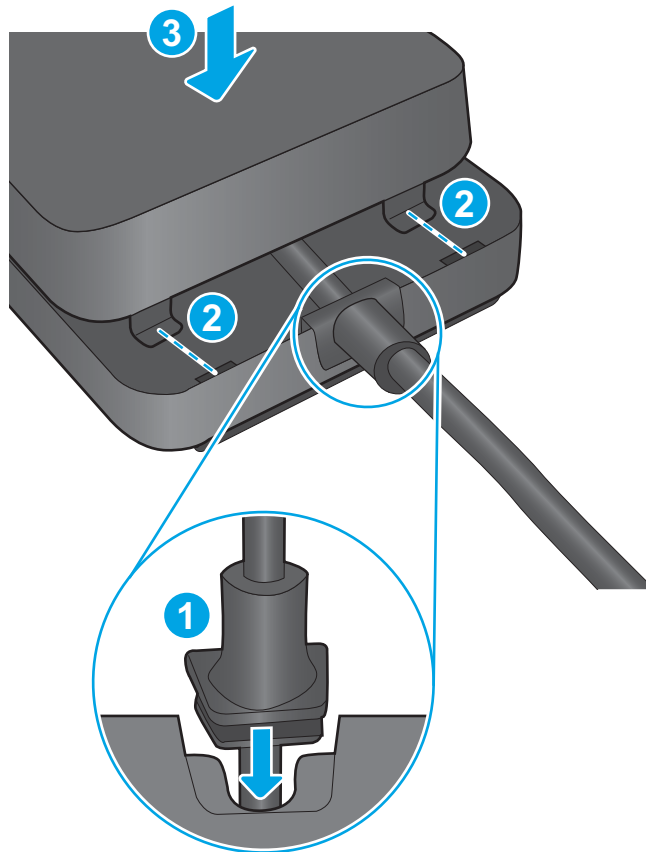
- 2. To install the print server on the outside of the scanner, do the following:
 - a. Connect the white connector on the long USB cable provided in the kit to the print server.

Figure 1-57 Connect the USB cable to the print server



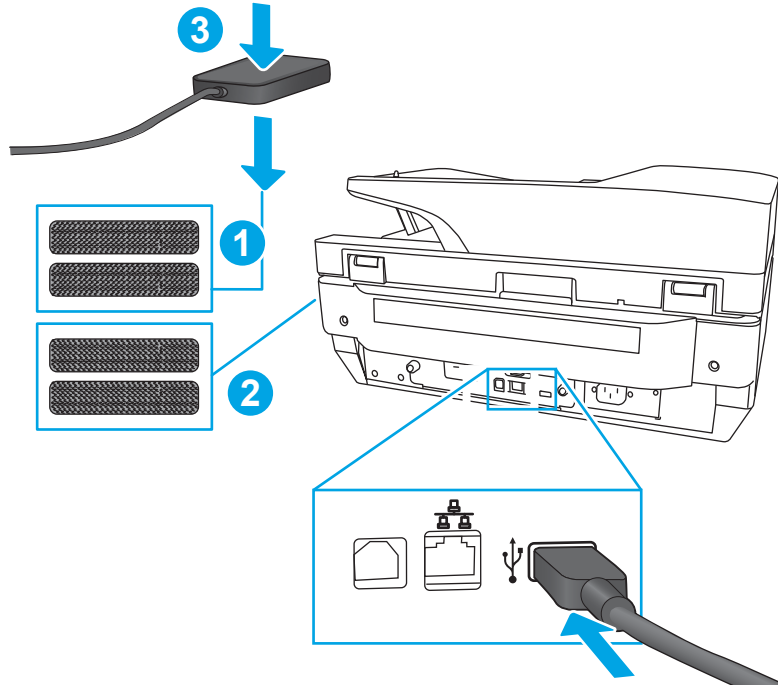
- b. Push the long USB cable into the slot on the accessory cover provided in the kit out (callout 1), and then insert the hook-shaped clips of the print server into the accessory cover (callout 2). Press down to firmly attach the print server to the accessory cover (callout 3).

Figure 1-58 Attach the accessory cover



- c. Attach the fastener strips provided in the kit to the bottom of the print server (callout 1). Remove the backing paper in order to attach the bottom set of fastener strips to the top of the scanner (callout 2). Place the print server on the scanner (callout 3). Connect the USB connector on the long USB cable to the USB accessory port on the scanner (callout 4).

Figure 1-59 Attach the print server to the scanner



Install accessory: Jetdirect USB wireless print server

- [Introduction](#)
- [Step 1: Unpack the accessory](#)
- [Step 2: Install the Jetdirect USB wireless print server](#)

Introduction

This document provides the procedures to install the Jetdirect USB wireless print server.



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

Before performing service

- Turn the scanner power off.
- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Jetdirect USB wireless print server part number	
J8031A	HP Jetdirect 2900nw print server

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

Verify that the host computer can successfully access the scanner through the network.

Step 1: Unpack the accessory

Remove the new part from its package. Save all packaging for recycling.

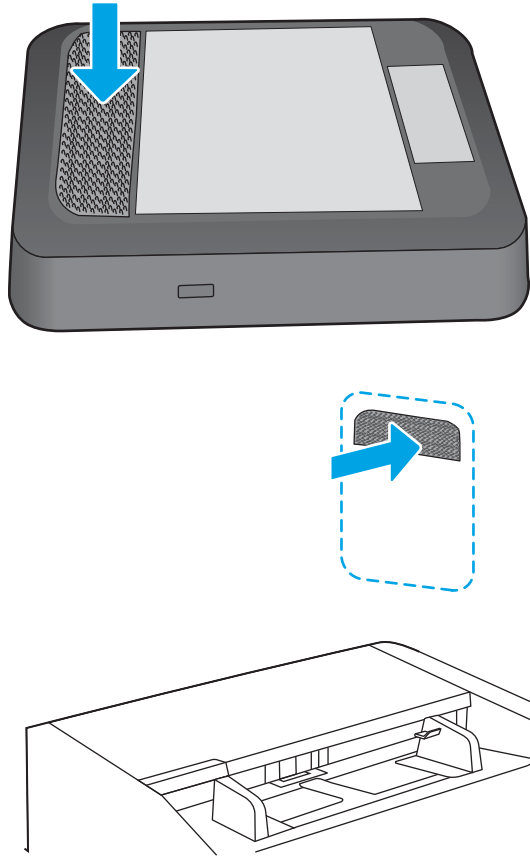
For complete information on HP's recycling programs, go to [Product return and recycling](#).

Step 2: Install the Jetdirect USB wireless print server

1. If the print server will be mounted on the wall, do the following:

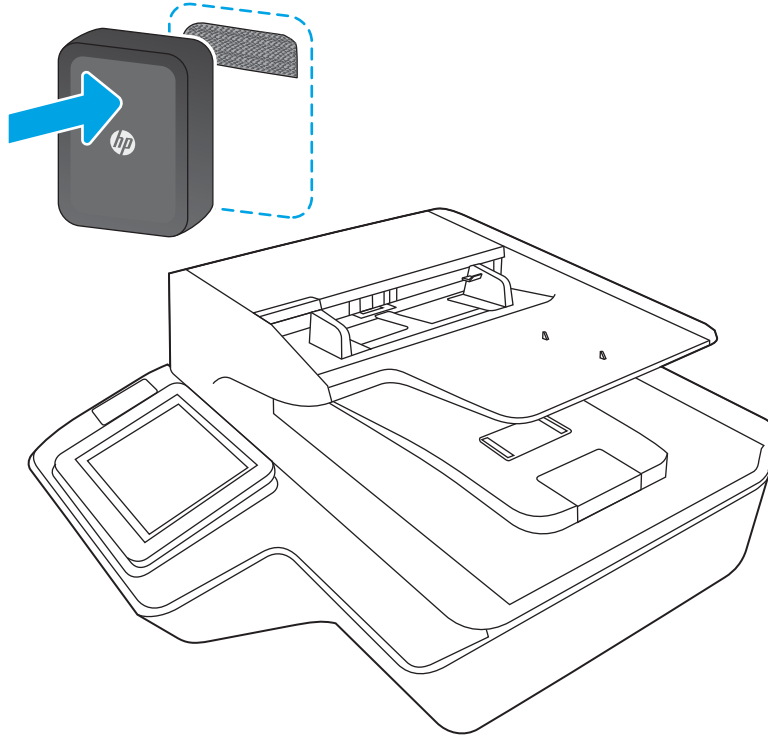
- a. Attach one of the fastener strips provided in the kit to the back of the print server. Attach the other fastener strip to a smooth, non-metal wall near the scanner.

Figure 1-60 Attach fastener strips



- b. Attach the print server to the fastener strip on the wall.

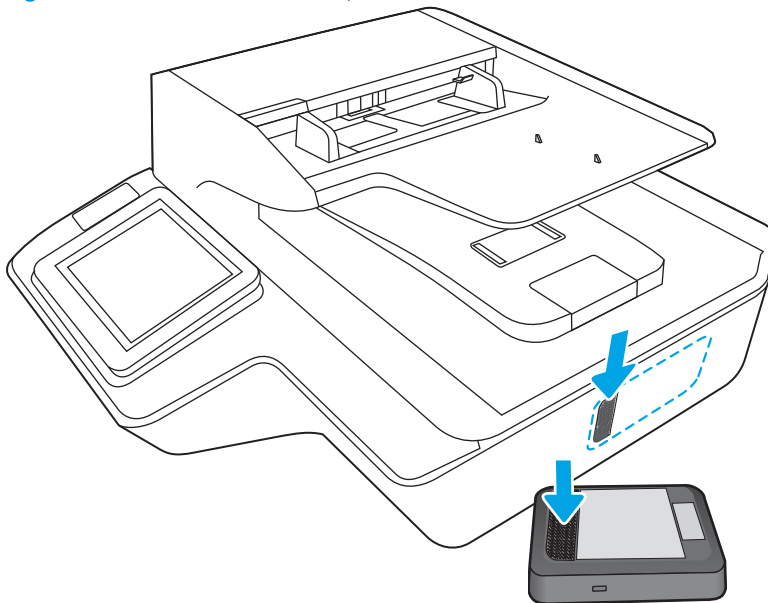
Figure 1-61 Attach the print server to the wall



2. If the print server will be mounted on the scanner, do the following:

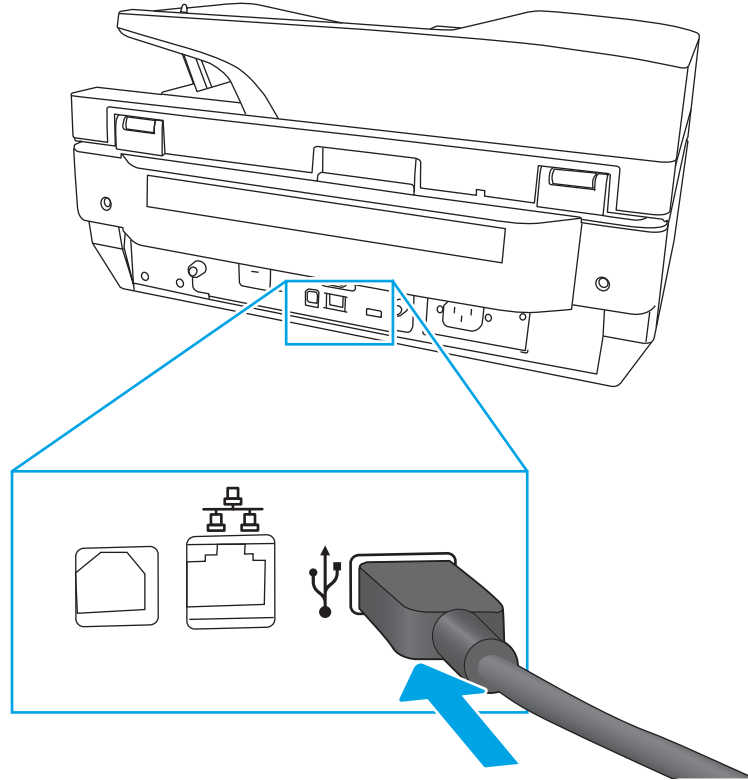
- a. Attach one of the fastener strips provided in the kit to the back of the print server. Attach the second fastener strip to the location on the scanner where the print server will be installed.

Figure 1-62 Attach fastener strips



- b. Attach the USB Type-A (flat) end of the cable to the USB accessory port on the scanner.

Figure 1-65 Attach the USB cable to the scanner



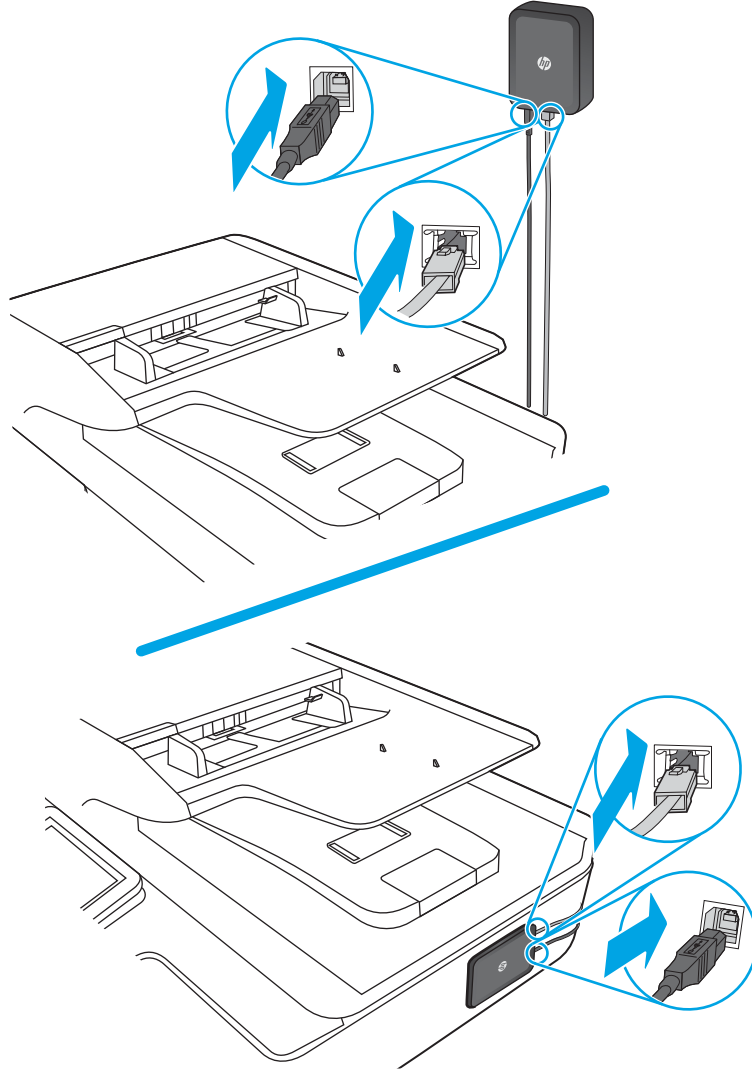
4. If the print server is connected to both the wireless network and the wired network, do the following:



NOTE: A wired network connection enables connection to a wireless network/LAN and to one or more wired networks/LANs.

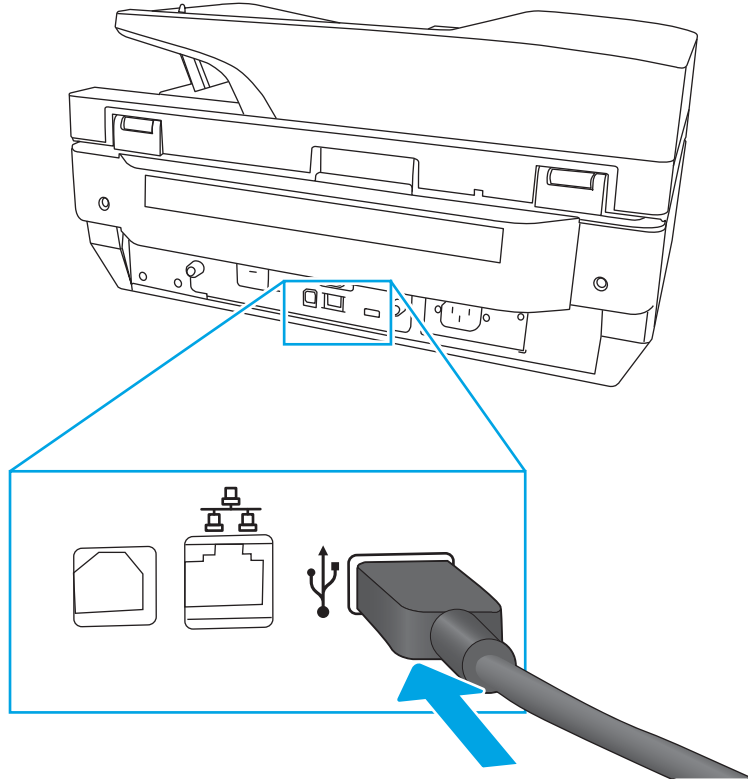
- a. Attach the USB Type-B (rounded) end of the cable provided in the kit to the USB port on the back of the server. Also attach an Ethernet cable (not provided in the kit) to the Ethernet port on the back of the server.

Figure 1-66 Attach the USB and network cables to the print server



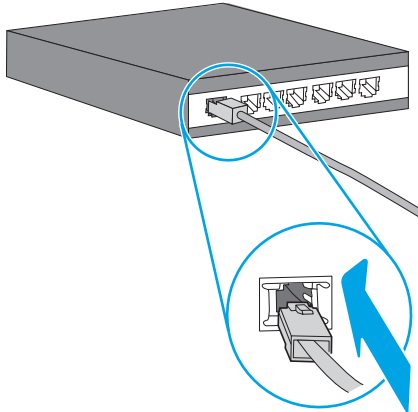
- b. Attach the USB Type-A (flat) end of the cable to the USB accessory port on the scanner.

Figure 1-67 Attach the USB cable to the scanner



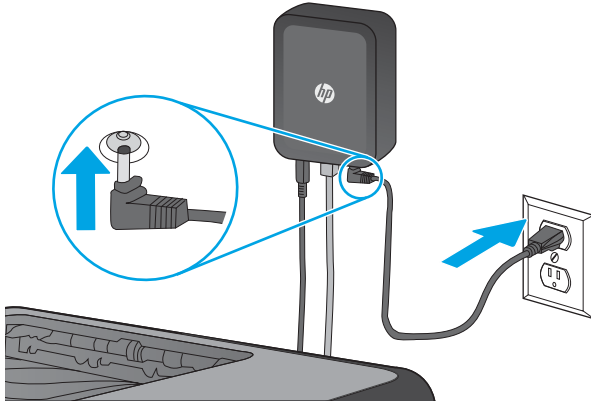
- c. Attach other end of the Ethernet cable to the network.

Figure 1-68 Attach the Ethernet cable to the network



5. Attach the power supply cable provided in the kit to the print server, and then connect the power cord to the power source.

Figure 1-69 Connect the power cable




Removal and replacement: Document feeder rollers and separation pad


- [Introduction](#)
- [Step 1: Remove the pickup rollers](#)
- [Step 2: Remove the separation assembly](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the separation assembly](#)
- [Step 5: Install the pickup rollers](#)
- [Step 6: Update the document feeder kit replacement history](#)
- [Step 7: Set the Very Low Behavior option](#)


Introduction

This document provides the procedures to remove and replace the ADF rollers.

Always replace the separation assembly when replacing the document feeder rollers. The document feeder rollers, separation pad, and separation rollers are included in the document feeder roller replacement kit.


 **NOTE:** The document feeder roller replacement kit is a consumable and is not covered under warranty or standard service agreements.

 **NOTE:** HP recommends that you replace the rollers every 150,000 scans.

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

Before performing service

- Turn off the scanner, and then disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

ADF maintenance kit part number	ADF Maintenance Kit
5851-7202	ADF Maintenance Kit

Required tools

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

After performing service

Turn the scanner power on


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

Post service test

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

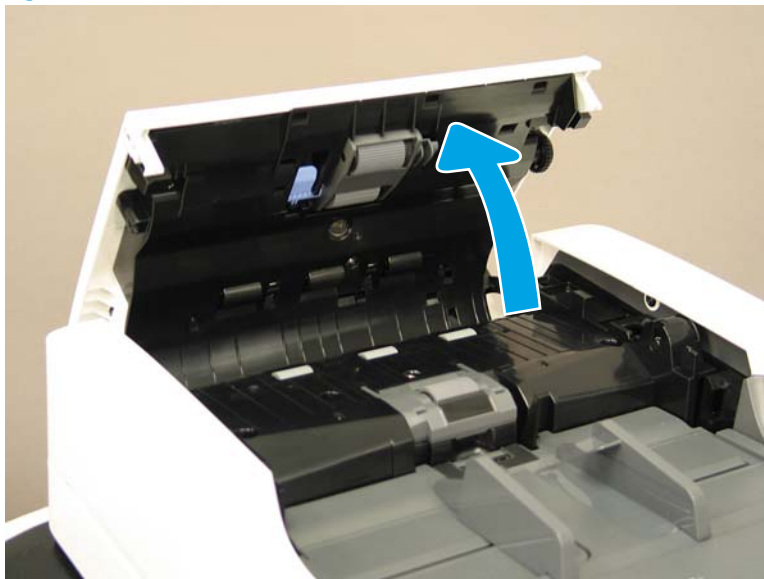
Step 1: Remove the pickup rollers

 **CAUTION:** Do not touch the rollers. Oils from your fingers can impact performance.

 **NOTE:** If the product is on and you open and close the document feeder hatch, the attention message **If document feeder roller cleanup is complete, clear message** displays. Touch **Cancel** to clear the message.

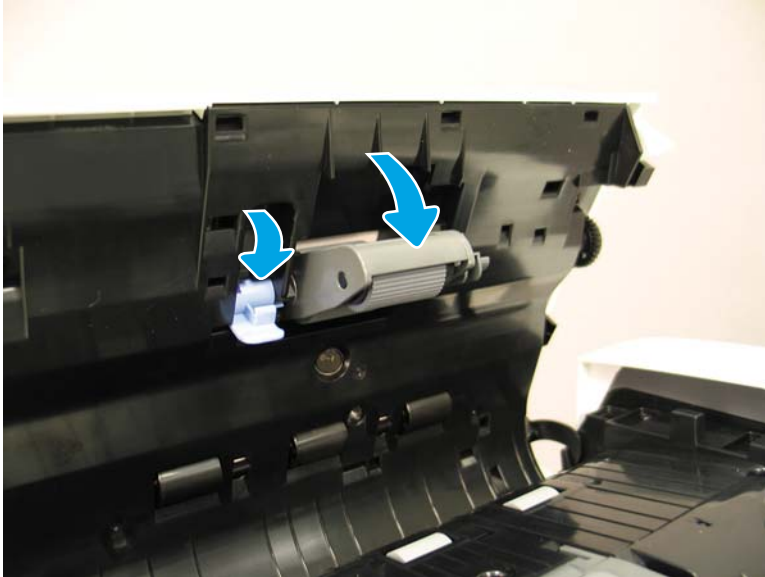
1. Open the document feeder access door.

Figure 1-70 Remove the pickup rollers (1 of 3)



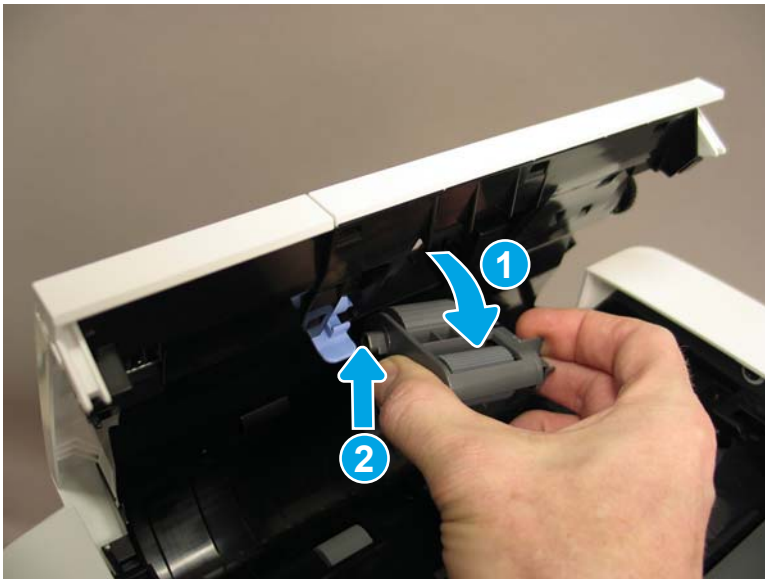
2. Release the colored plastic tab so that the right side of the roller assembly releases from the access door and drops.

Figure 1-71 Remove the pickup rollers (2 of 3)



3. Grab the loose end of the assembly, gently pull the back end of the assembly toward the front of the document feeder, and then pull the roller assembly away from the access door.

Figure 1-72 Remove the pickup rollers (3 of 3)



Step 2: Remove the separation assembly

CAUTION: Do not touch the separation pad or roller. Oils from your fingers can impact performance.

NOTE: Always replace the pick-up rollers when replacing the separation assembly. The pick-up rollers and separation assembly are included in the document feeder roller replacement kit.

1. On the right side of the separation pad assembly, lift up to release it from the document feeder input tray.

Figure 1-73 Remove the separation assembly (1 of 3)



2. On the left side, squeeze both sides to release the pins that hold it to the input tray, and then pull the separation pad assembly away from the feeder.

Figure 1-74 Remove the separation assembly (2 of 3)



3. Pull up on the back end of the separation roller, and then remove it from the input tray.

Figure 1-75 Remove the separation assembly (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the separation assembly

1. The front end of the separation roller shaft is shaped so that it cannot be inserted incorrectly. Insert the front end of the roller toward the front of the scanner, and then pivot the assembly to set the back end in place.

Figure 1-76 Install the separation assembly (1 of 2)



2. Squeezing the two sides gently, insert the left end of the separation pad assembly into the slots in the input tray, and then pivot the assembly to set the right end in place.

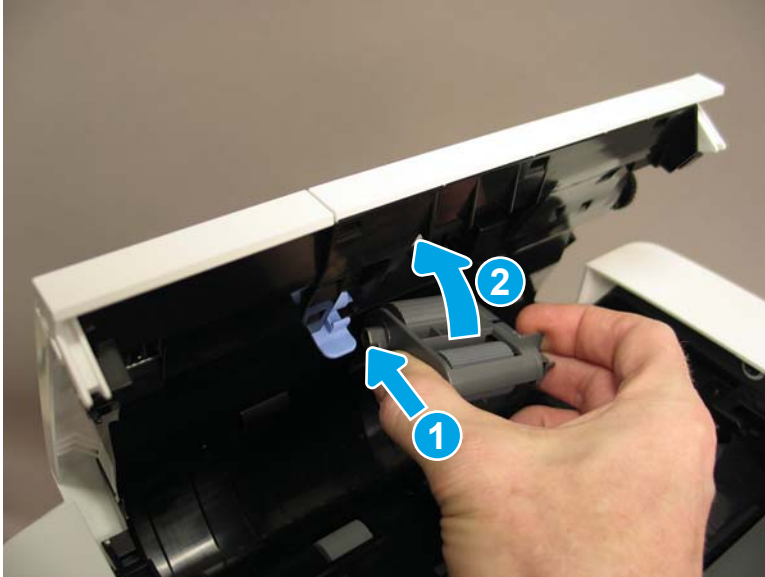
Figure 1-77 Install the separation assembly (2 of 2)



Step 5: Install the pickup rollers

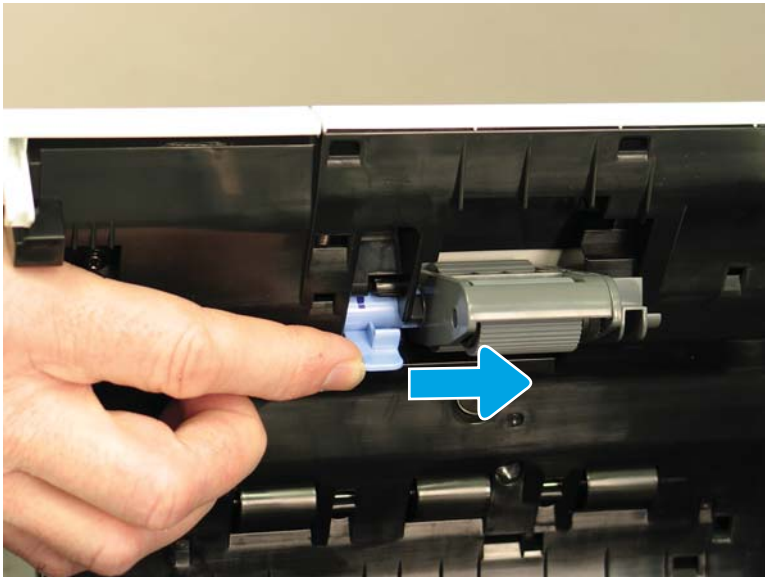
1. Insert the front end of the pickup roller assembly left side first, and then pivot the assembly toward the back of the scanner to lock the back end in place.

Figure 1-78 Install the pickup rollers (1 of 3)



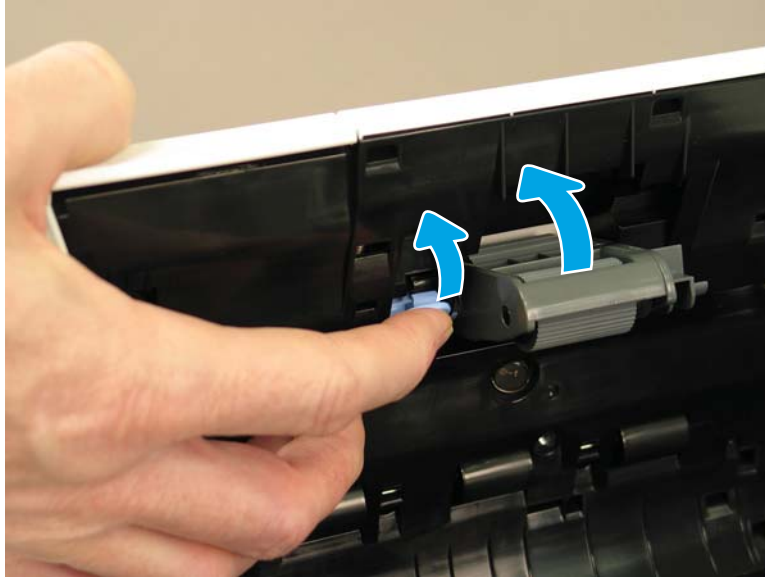
2. Slide the tab toward the back of the scanner to secure the assembly in place.

Figure 1-79 Install the pickup rollers (2 of 3)



3. Pivot the colored tab into the access door until it clicks into place.

Figure 1-80 Install the pickup rollers (3 of 3)



Step 6: Update the document feeder kit replacement history

Use this procedure to reset the counter for the ADF rollers.

1. From the Home screen on the product control panel, select [Settings](#).
2. Select [Manage Supplies](#).
3. Select [Reset Supplies](#).
4. Select [Document Feeder Kit](#).
5. Select [Reset](#).

Step 7: Set the Very Low Behavior option

Use this procedure to change the product behavior when the rollers reach the Very Low threshold.

1. From the Home screen on the product control panel, select [Settings](#).
2. Open the following menus:
 - [Manage Supplies](#)
 - [Very Low Behavior](#)
 - [Document Feeder Kit](#)
3. Select one of the following options:

- Select the [Stop](#) option to set the product to stop scanning until you replace the document feeder kit.
- Select the [Prompt to continue](#) option to set the product to stop scanning and prompt you to replace the document feeder kit. You can acknowledge the prompt and continue scanning.
- Select the [Continue](#) option to set the product to alert you that the document feeder kit needs to be replaced, but to continue scanning.

Removal and replacement: Dashboard

- [Introduction](#)
- [Step 1: Remove the dashboard](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the dashboard](#)

Introduction

This document provides the procedures to remove and replace the dashboard.



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

Before performing service

- Turn off the scanner, and then disconnect the power cable.



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



CAUTION:  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Dashboard part number	
J7Z09-40007	Dashboard

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the dashboard

1. Lift the scanner lid to the fully raised position.
2. Starting at the upper right corner of the scanner dashboard, gently pry up the dashboard cover with your fingers, moving across the front of the cover from one corner to the other.

Figure 1-81 Remove the dashboard (1 of 2)



3. Gently lift the front of the cover to disengage the tabs at the back of the cover, and then lift the loose cover over the control panel and off the scanner.

Figure 1-82 Remove the dashboard (2 of 2)





Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 3: Install the dashboard

- ▲ Install the dashboard cover over the control panel, and then insert the back end into the scanner first, to set the tabs on the back end. Lower the front end of the dashboard cover into place, and then gently press the cover down to engage the tabs underneath the cover and at the front end of the cover.

Figure 1-83 Install the dashboard



Removal and replacement: Control panel

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the control panel](#)

- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the control panel](#)
- [Step 5: Install remaining parts](#)
- [Step 6: Run control panel calibrations](#)

Introduction

This document provides the procedures to remove and replace the control panel.



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

Before performing service

- Turn off the scanner, and then disconnect the power cable.



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



CAUTION:  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Control panel part number	
J7Z09-67928	Control panel

Required tools

- Small, flat-blade screwdriver

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

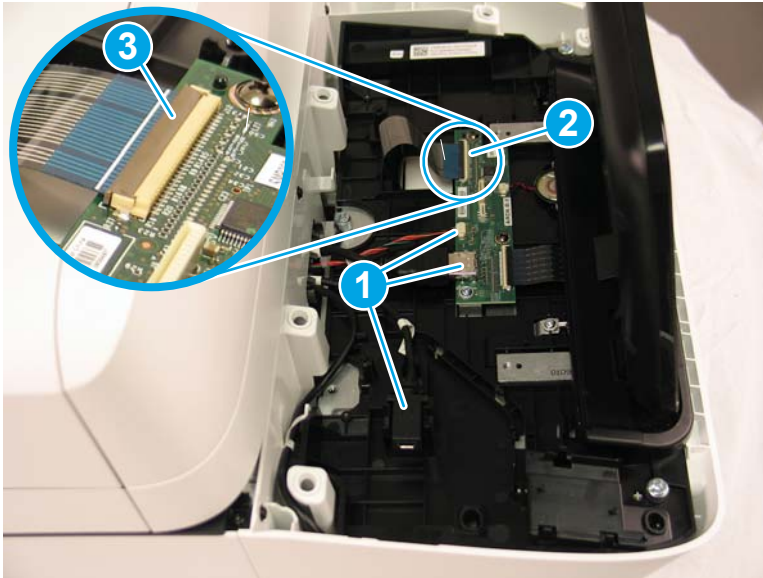
- Dashboard. See [Step 1: Remove the dashboard on page 73](#).

Step 2: Remove the control panel

1. Disconnect three cables (callout 1) and one FFC (callout 2).

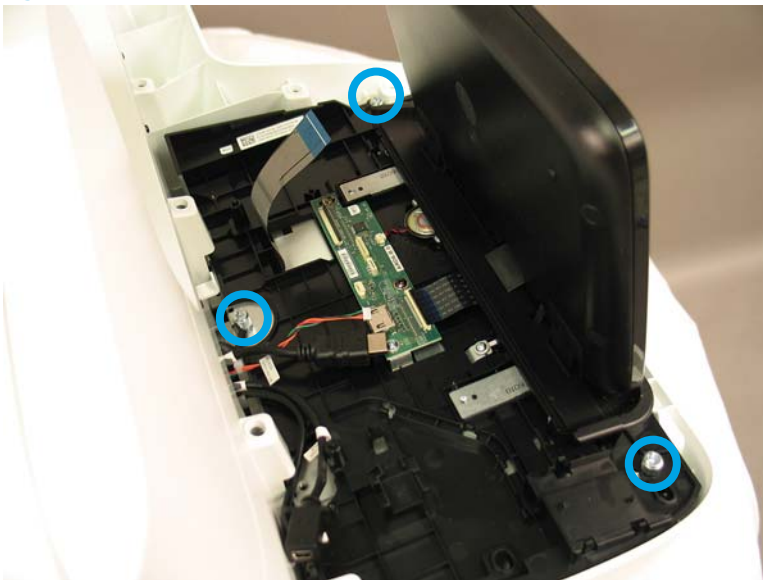
⚠ CAUTION: The FFC connector (callout 2) is a locking zero insert force (ZIF) connector. Lift up on the locking flap (callout 3) to release the FFC. Pulling out the cable without releasing the flap can damage the cable.

Figure 1-84 Remove the control panel (1 of 3)



2. Remove three thumbscrews.

Figure 1-85 Remove the control panel (2 of 3)



📝 NOTE: The rear thumbscrew (callout 1) must be installed through the grounding strip that rests on top of the control-panel assembly. Do not damage the grounding strip or trap it under the control-panel assembly when reinstalling the control panel.

3. Lift the front of the control panel, and then pull the back end of the control panel away from the scanner.

Figure 1-86 Remove the control panel (3 of 3)



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.




NOTE: HP recommends responsible disposal of the defective part.

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

2. Unpack the replacement part from the packaging.



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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.



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

Step 4: Install the control panel

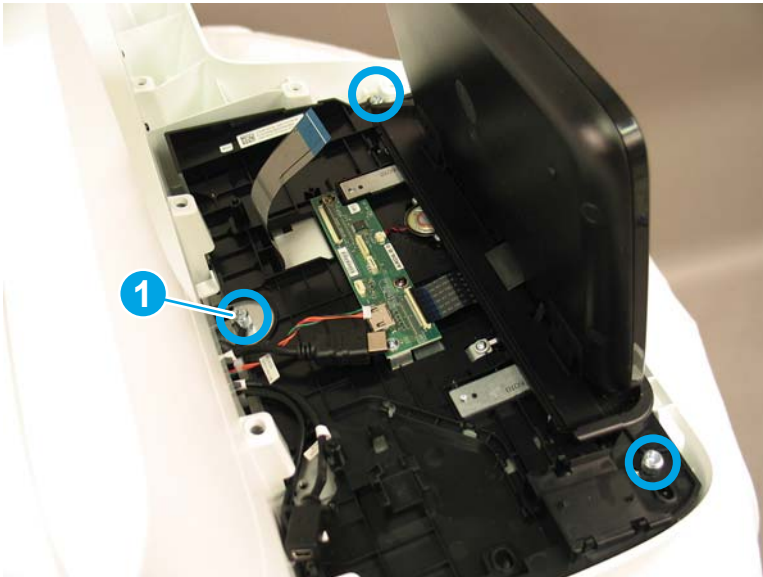
1. With the control panel front end raised above the back end, insert the four tabs on the back end of the control panel into the back of the dashboard, and then lower the control panel front end into place.


Figure 1-87 Install the control panel (1 of 3)



2. Install the three thumbscrews.

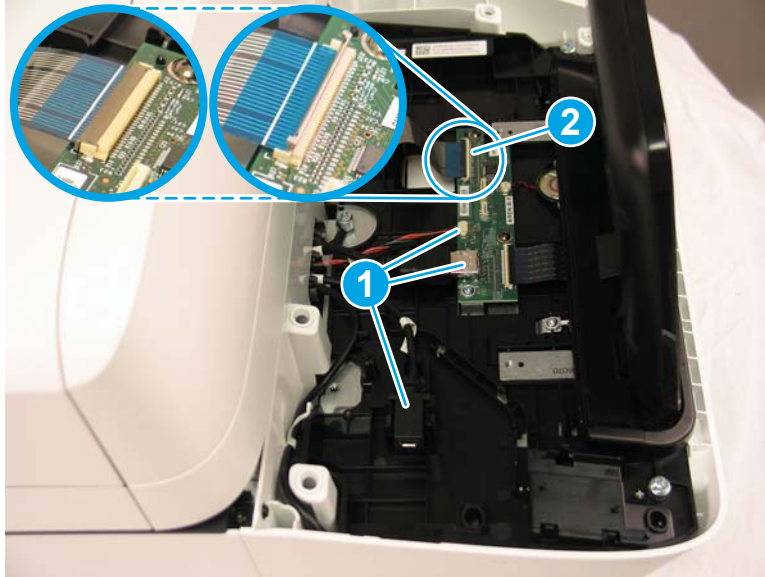
Figure 1-88 Install the control panel (2 of 3)



 **NOTE:** The rear thumbscrew (callout 1) must be installed through the grounding strip that rests on top of the control-panel assembly. Do not damage the grounding strip or trap it under the control-panel assembly when reinstalling the control panel.


3. Reconnect the three cables (callout 1) and the FFC (callout 2), being careful with the ZIF connector for the FFC. There is a line printed on the FFC that shows proper alignment and insertion depth for the FFC.

Figure 1-89 Install the control panel (3 of 3)



Step 5: Install remaining parts

Reinstall the parts that you removed in Step 1.

 **NOTE:** If the dashboard does not seat correctly, this indicates that the control panel was not installed correctly. Reinstall the control panel.

Step 6: Run control panel calibrations


The replacement control-panel assembly ships with default calibration values. After installing a new control-panel assembly, calibrate and test the control panel.

Install: Keyboard overlay

- [Introduction](#)
- [Step 1: Unpack the keyboard overlay](#)
- [Step 2: Install the keyboard overlay](#)

Introduction

This document provides the procedures to remove and replace the keyboard overlay.

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

Before performing service

- Turn the scanner power off. A shutting-down message appears on the control-panel display.
- ⚠ **WARNING!** To avoid damage to the scanner, turn the power off and wait until the scanner shuts down before removing the power cable.
- Disconnect the power cable after the scanner is completely shut down (the control-panel display is blank).

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Keyboard overlay part numbers

5851-6019	Kit - Keyboard Overlay (FR, IT, RU, DE, ES: UK Kybd) (EMEA)
5851-6020	Kit - Keyboard Overlay (FR-CN, ES-LA, ES: US Kybd) (NA)
5851-6021	Kit - Keyboard Overlay (FR-SW, DE-SW, DA: UK Kybd) (EMEA)
5851-6022	Kit - Keyboard Overlay (ZHTW, ZHCN) (AP)
5851-6023	Kit - Keyboard Overlay (ES, PT) (EMEA)
5851-6024	Kit - Keyboard Overlay (JA-KG, JA-KT) (AP)
A7W12-67901	Kit - Keyboard Overlay Chinese
A7W14-67901	Kit - Keyboard Overlay Sweden

Required tools

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

After performing service

- Connect the scanner power cable.
- Turn the scanner power on.

Post service test

No post service test is available for this assembly.

Step 1: Unpack the keyboard overlay

Remove the new part from its package. Save all packaging for recycling.

For complete information on HP's recycling programs, go to [Product return and recycling](#).

Step 2: Install the keyboard overlay

1. Slide the keyboard tray out until it stops.

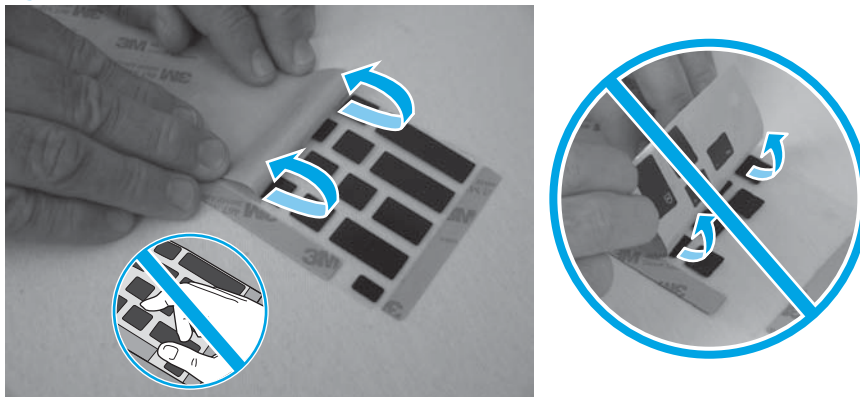
Figure 1-90 Slide the keyboard tray out



2. Carefully peel the backing from the overlay.

⚠ CAUTION: Do not touch the adhesive squares and be careful so that the adhesive squares do not come off with the backing.

Figure 1-91 Remove the backing



3. Position the keyboard overlay on the keyboard by aligning the upper corners of the overlay with the edges of the keyboard.

 **NOTE:** A different model of keyboard is pictured in the figure below. The procedure is still correct for these scanner models.

Figure 1-92 Position the keyboard overlay



4. Place one hand under the keyboard and press upward (callout 1). Place the other hand on top of the keyboard and press downward (callout 2). Continue to press while sliding both hands to the right to adhere the keyboard overlay to the keyboard.


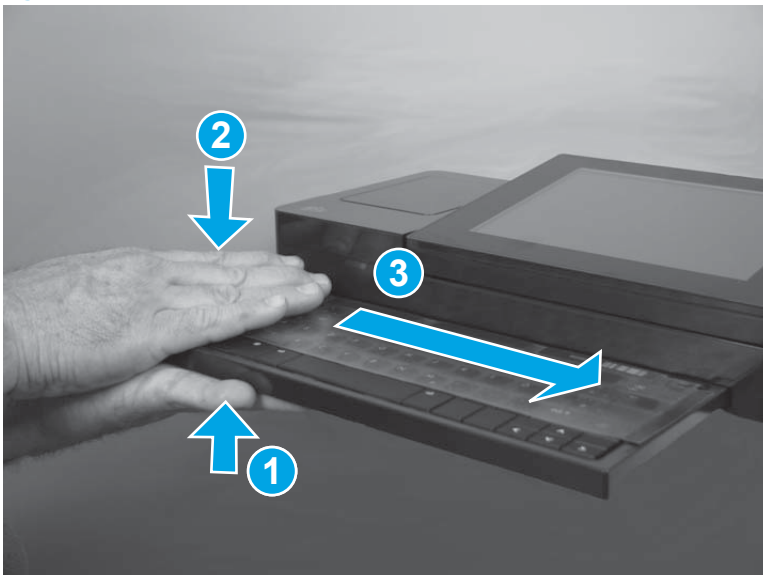
 **NOTE:** A different model of keyboard is pictured in the figure below. The procedure is still correct for these scanner models.

Figure 1-93 Apply the keyboard overlay

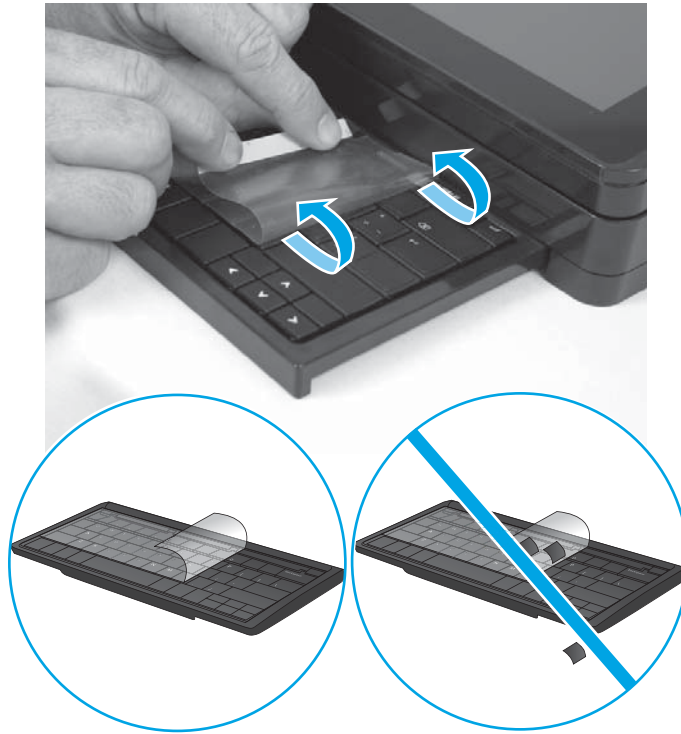


- Carefully remove the protective top sheet from the keyboard overlay.

CAUTION: Make sure that the adhesive squares do not come off of the keyboard with the protective sheet.

NOTE: A different model of keyboard is pictured in the figure below. The procedure is still correct for these scanner models.

Figure 1-94 Apply the keyboard overlay



Removal and replacement: Hard disk drive (HDD)

- [Introduction](#)
- [Step 1: Remove the formatter](#)
- [Step 2: Remove the HDD](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the HDD](#)
- [Step 5: Install the formatter](#)


Introduction

This document provides the procedures to remove and replace the hard disk drive.

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

Before performing service

- Disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

HDD part number	
L2762-60035	HDD

Required tools

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

After performing service


Turn the scanner power on

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

Post service test

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

Step 1: Remove the formatter

 **CAUTION:** Replacing the hard disk drive and formatter PCA at the same time can render the product unusable. Swapping these assemblies between products can also render the product unusable.

 **NOTE:** If replacing the hard disk drive, back up the product data before removing it. See [Back up product data on page 5](#).

1. On the back of the scanner, remove two thumbscrews.

Figure 1-95 Remove the formatter (1 of 2)



2. Pull the formatter tray out of the scanner.

Figure 1-96 Remove the formatter (2 of 2)

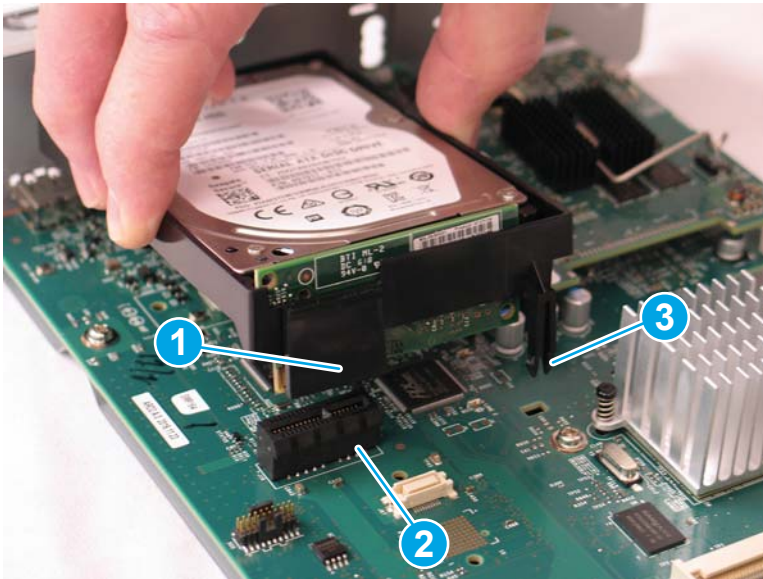


Step 2: Remove the HDD

1. Before removing the hard disk drive, back up the product data. See [Back up product data on page 5](#).

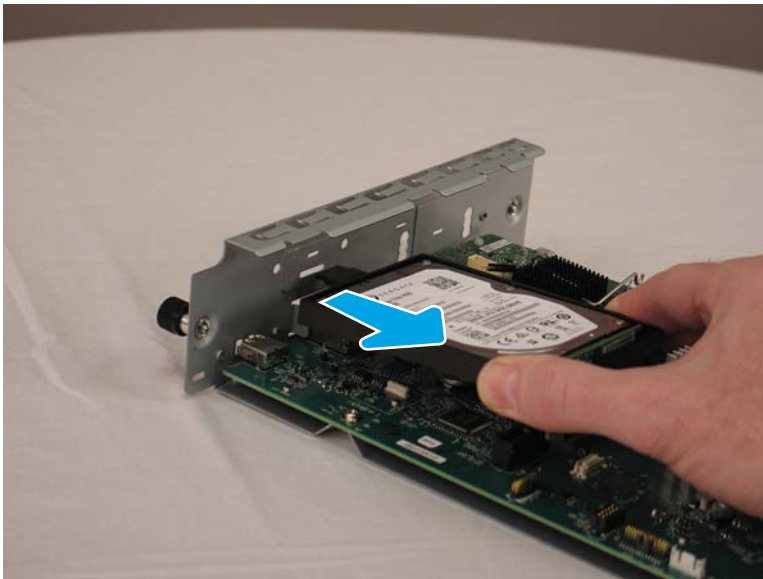
2. On the formatter PCA, pinch the top of the release tab (callout 1), and then gently lift that corner to disconnect one connector (callout 2). Once the connector is disconnected, release the support post (callout 3) from the HDD to remove it completely.

Figure 1-97 Remove the HDD (1 of 2)



3. Pull the HDD away from the formatter faceplate.


Figure 1-98 Remove the HDD (2 of 2)



4. The HDD might still have data on it. HP recommends erasing or destroying the disk drive prior to disposal.



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

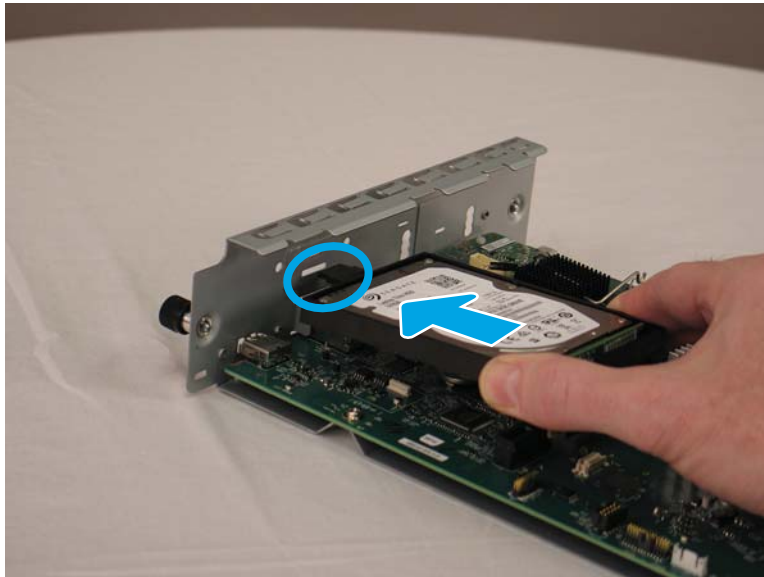
If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the HDD

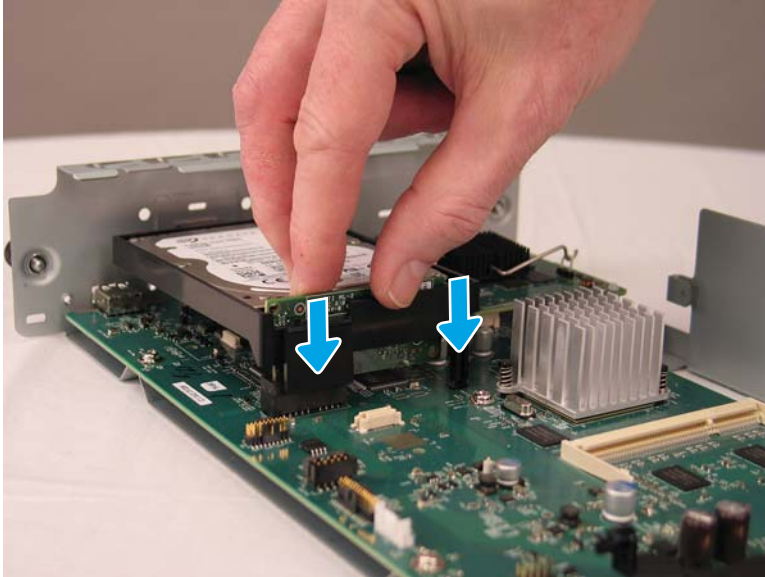
1. Insert the tab on the HDD support into the formatter faceplate.

Figure 1-99 Install the HDD (1 of 2)



2. Gently press the other end of the HDD into the formatter PCA to lock it in place. Make sure that the card is fully inserted into the connector.

Figure 1-100 Install the HDD (2 of 2)



3. After installing a replacement hard disk drive, reload the firmware by performing a firmware upgrade.

Step 5: Install the formatter

1. Slide the formatter tray into the scanner.

Figure 1-101 Install the formatter (1 of 2)



2. Install the two thumbscrews.

Figure 1-102 Install the formatter (2 of 2)



3. If you replaced the hard disk drive, restore the back-up product data.

Field replaceable units (FRUs) (8500 fn2 models)


- [Removal and replacement: Rear cover](#)
- [Removal and replacement: Document feeder](#)
- [Removal and replacement: Document feeder white backing](#)
- [Removal and replacement: Document feeder hinges](#)
- [Removal and replacement: Keyboard](#)
- [Removal and replacement: Formatter](#)
- [Removal and replacement: Scanner control board \(SCB\)](#)
- [Removal and replacement: Base cover](#)
- [Removal and replacement: Cables](#)
- [Removal and replacement: Power button](#)
- [Removal and replacement: Fan](#)
- [Removal and replacement: Power supply](#)

Removal and replacement: Rear cover

- [Introduction](#)
- [Step 1: Remove the rear cover](#)
- [Step 2: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the rear (SCB) cover.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Rear cover part number	
J8J63-40001	Rear cover

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

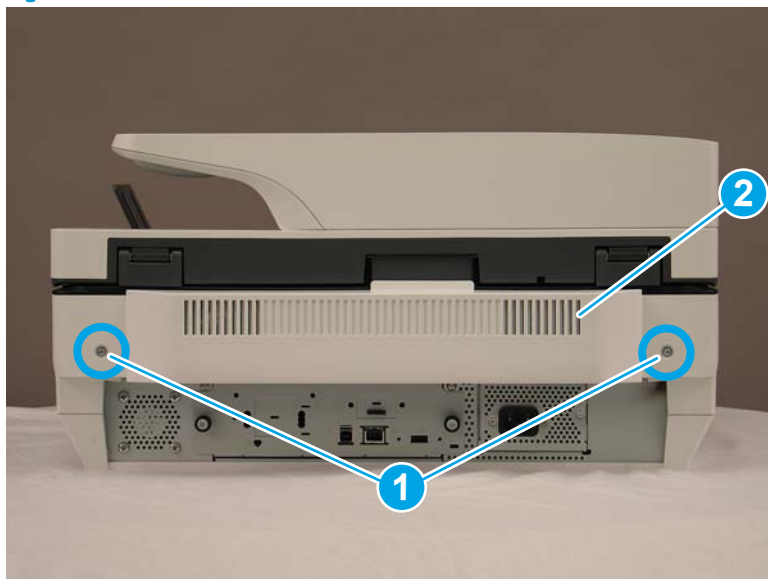
Post service test

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

Step 1: Remove the rear cover


- ▲ Remove two screws (callout 1) from the scanner control board (SCB) cover, and then remove the cover (callout 2).

Figure 1-103 Remove the rear cover





Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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


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

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

Removal and replacement: Document feeder


- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the document feeder](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Document feeder part number	
-----------------------------	--

5851-7204	Document feeder
-----------	-----------------

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

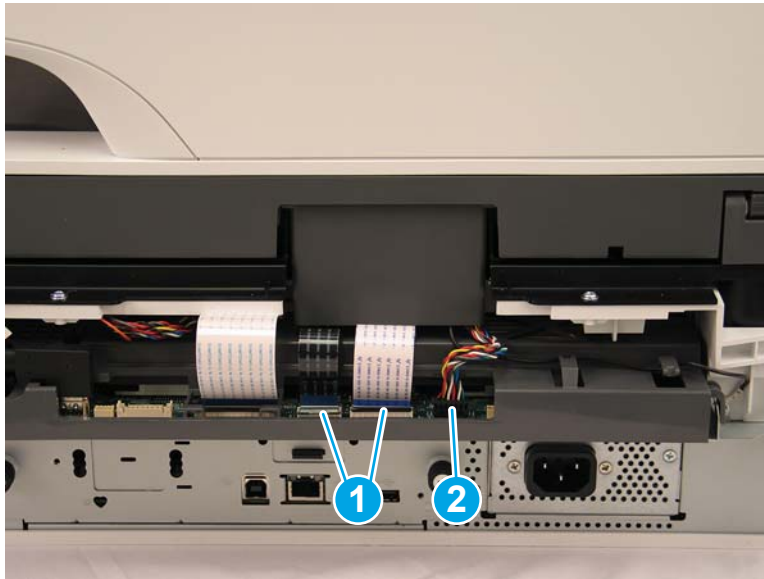
Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 91](#).

Step 2: Remove the document feeder

1. Disconnect two FFCs (callout 1) and one connector (callout 2).

Figure 1-104 Remove the document feeder (1 of 3)

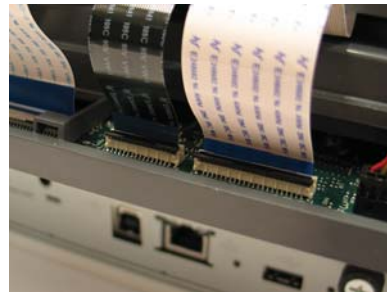


⚠ CAUTION: Each FFC connector is a locking zero insert force (ZIF) connector. Release the locking flap to release the FFC. Pulling out the cable without releasing the flap can damage the cable.

Closed

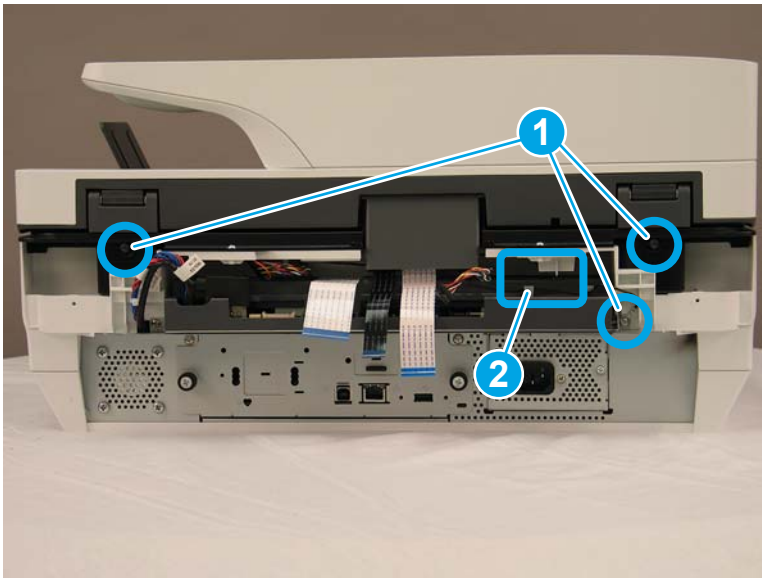


Open



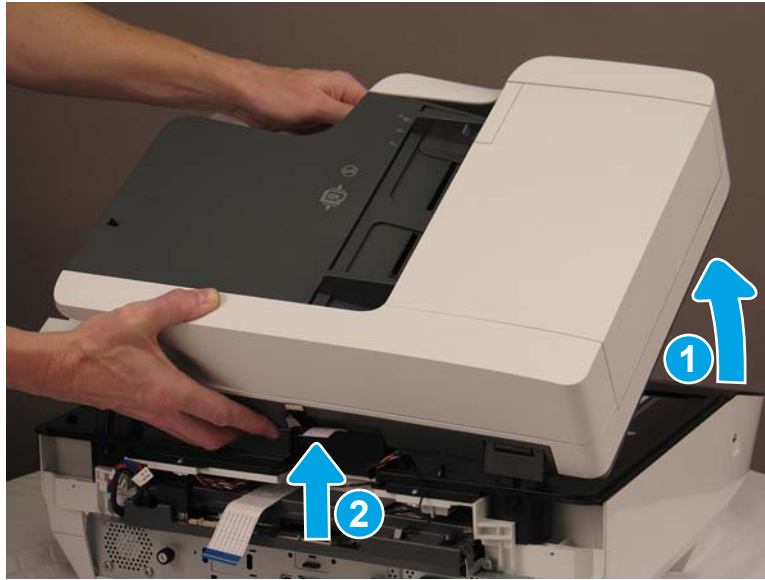
2. Remove three screws (callout 1), and then unrout the ground wire (callout 2).

Figure 1-105 Remove the document feeder (2 of 3)



3. Lift the front of the document feeder, and then lift the assembly straight up to remove it from the scanner.

Figure 1-106 Remove the document feeder (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Document feeder white backing

- [Introduction](#)
- [Step 1: Remove the document feeder white backing](#)

- [Step 2: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the document feeder white backing.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Document feeder white backing part number	
---	--

5851-7206	Document feeder white backing
-----------	-------------------------------

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the document feeder white backing

1. Open the document feeder.

Figure 1-107 Remove the document feeder white backing (1 of 2)



2. Carefully pry the white backing away from the document feeder. There is a series of tabs connecting the white backing to the document feeder.

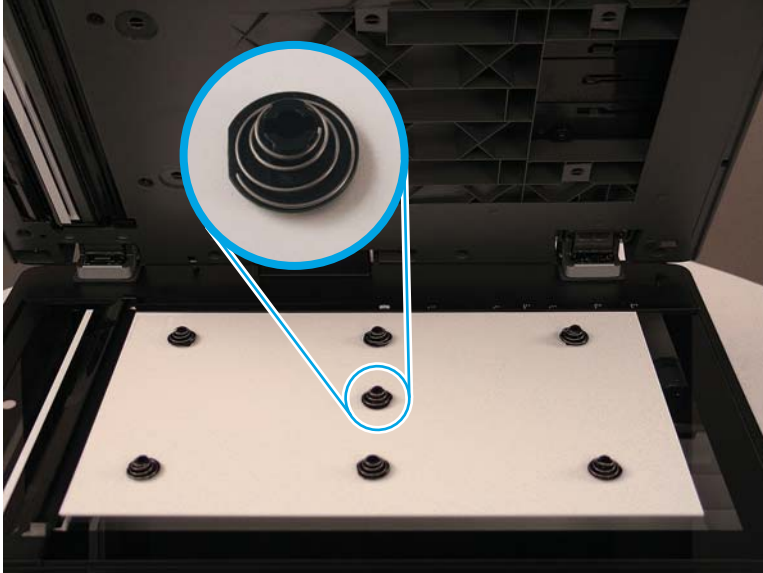
Figure 1-108 Remove the document feeder white backing (2 of 2)



Reinstallation tip: During this step, it is easy to accidentally remove the springs that are connected to the flatbed cover. Reinstall or replace any damaged springs.

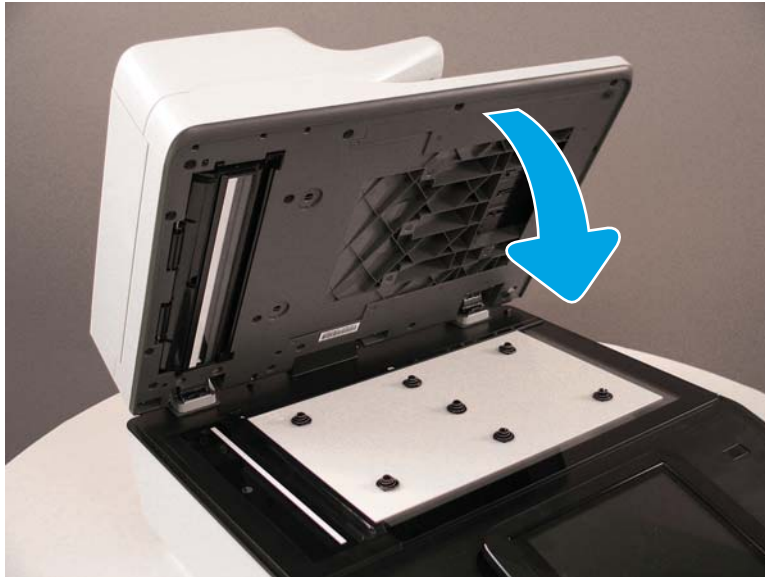
Also, verify that the adhesive pads are still good enough to reuse with the new white background.


Figure 1-109 Reinstall any loose springs



3. Place the backing on the flatbed glass, and then close the document feeder lid to line up and reconnect the backing clips to the lid.

Figure 1-110 Close the document feeder lid on the backing



 **Reinstallation tip:** After installing the new backing, verify that the backing lines up correctly with the flatbed scanner glass. If it is incorrectly aligned, remove and then reinstall the backing correctly.



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.


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

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

2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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


Removal and replacement: Document feeder hinges

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the document feeder hinges](#)

- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the document feeder hinges.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Document feeder hinges part number	
5851-7205	ADF hinge kit

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test


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

Step 1: Remove the following parts

Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 133](#).
- Document feeder. See [Step 2: Remove the document feeder on page 135](#).

Step 2: Remove the document feeder hinges

 **Reinstallation tip:** The hinges are not the same—they have different part numbers, and one has an ESD brush attached to it. Make sure that you install the hinges in their correct location.

1. Turn the ADF over and rest it on its top.

Figure 1-111 Remove the document feeder hinges (1 of 2)



2. On each hinge, remove four screws, and then remove the hinge from the document feeder assembly.

 **NOTE:** The left and right hinges are different. The left one has an ESD brush attached to it. Pay attention to the hinges when you remove them and replace with the appropriate one.

Figure 1-112 Remove the document feeder hinges (2 of 2)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Keyboard

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the keyboard](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the keyboard.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Keyboard part number	
J7Z09-67909	Kit—Keyboard English US AME
J7Z09-67910	Kit—Keyboard English US EMEA

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

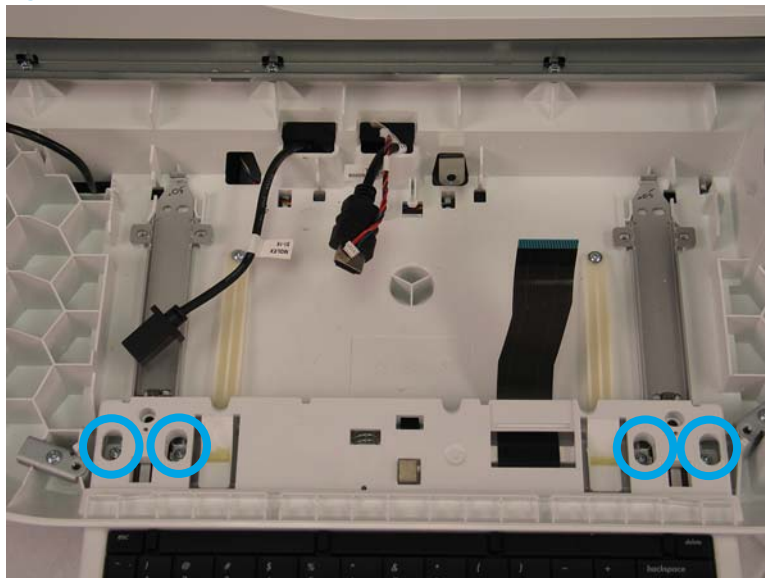
Remove the following parts:

- Dashboard. See [Step 1: Remove the dashboard on page 35](#).
- Control panel. See [Step 2: Remove the control panel on page 38](#).

Step 2: Remove the keyboard

1. Pull the keyboard out partially, to a point where the screw holes in the plastic assembly line up with four screws near the front of the scan tub.

Figure 1-113 Remove the keyboard (1 of 3)



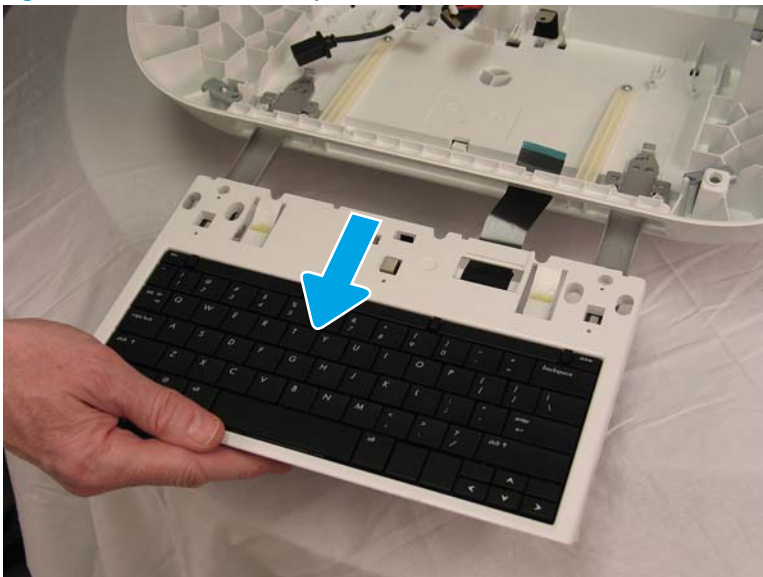
2. With the keyboard completely inside the scan tub, remove four screws at the back of the assembly. These screws are accessible through the in holes in the keyboard assembly.

Figure 1-114 Remove the keyboard (2 of 3)



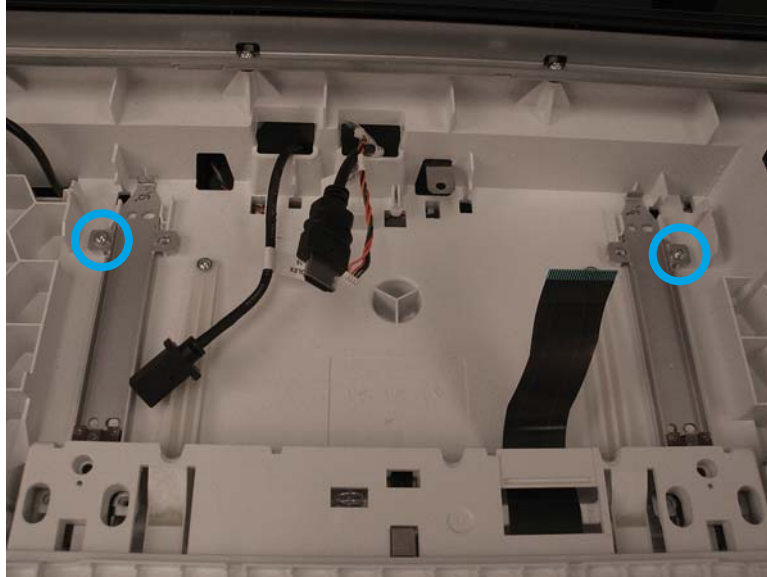
3. Pull the keyboard out completely to remove it from the scanner.

Figure 1-115 Remove the keyboard (3 of 3)



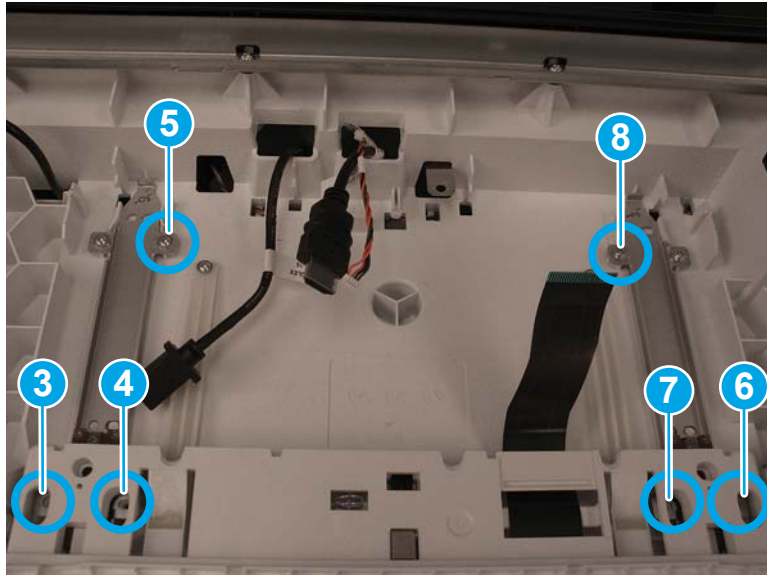
4. When reinstalling the keyboard, reinstall the screws in the following order.
 - a. Slide the keyboard completely in, pull it back to reveal the rails over the back side screw holes, and then install the two outer back screws.

Figure 1-116 Install the keyboard (1 of 2)



- b. Pull the keyboard out far enough to reveal the holes for the front side screws, and then install the remaining screws in the order indicated in the photo.

Figure 1-117 Install the keyboard (2 of 2)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Formatter

- [Introduction](#)
- [Step 1: Remove the formatter](#)
- [Step 2: Remove the HDD](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the HDD](#)
- [Step 5: Install the formatter](#)


Introduction

This document provides the procedures to remove and replace the formatter.

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

Before performing service

- Turn the scanner off, and then disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Formatter part number	
L2762-60031	Formatter

Required tools

- The thumbscrews are factory tightened and will require a screwdriver or coin to loosen the first time. No other tools are needed to remove or install this assembly.

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the formatter

CAUTION: Replacing the hard disk drive and formatter PCA at the same time can render the product unusable. Swapping these assemblies between products can also render the product unusable.

NOTE: If replacing the hard disk drive, back up the product data before removing it. See [Back up product data on page 5](#).

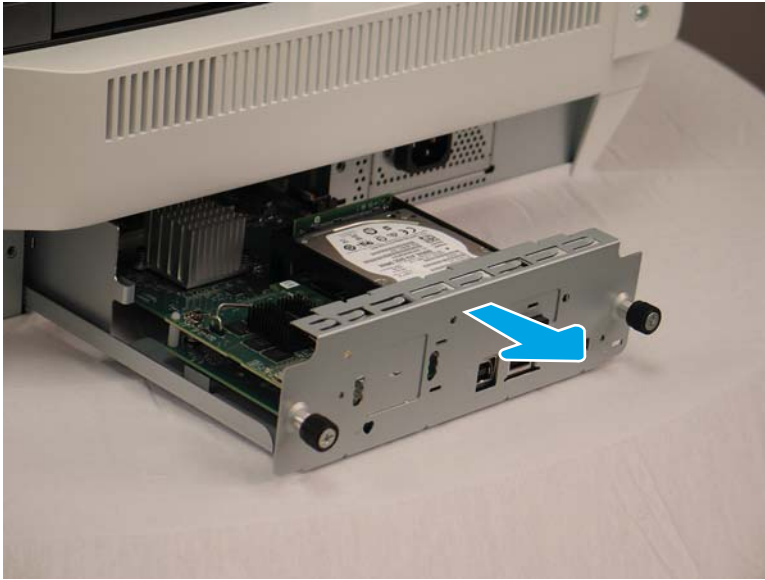
1. On the back of the scanner, remove two thumbscrews.

Figure 1-118 Remove the formatter (1 of 2)



2. Pull the formatter tray out of the scanner.

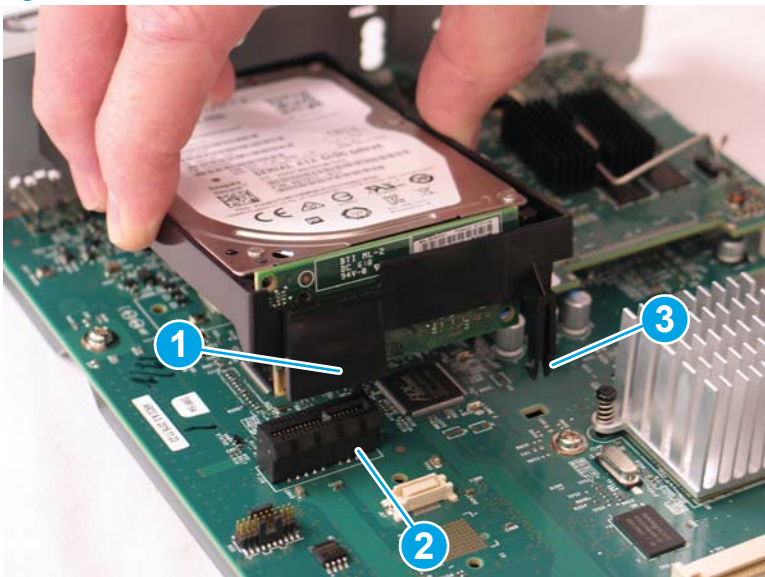
Figure 1-119 Remove the formatter (2 of 2)



Step 2: Remove the HDD

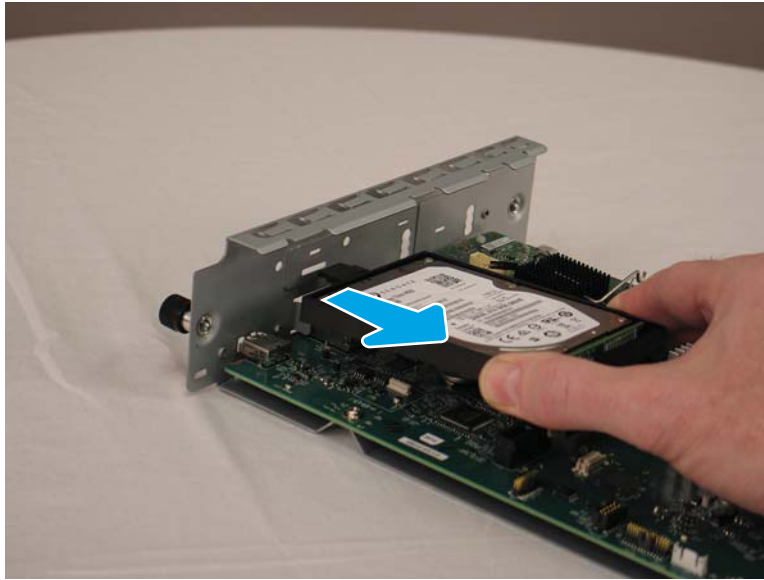
1. Before removing the hard disk drive, back up the product data. See [Back up product data on page 5](#).
2. On the formatter PCA, pinch the top of the release tab (callout 1), and then gently lift that corner to disconnect one connector (callout 2). Once the connector is disconnected, release the support post (callout 3) from the HDD to remove it completely.

Figure 1-120 Remove the HDD (1 of 2)



3. Pull the HDD away from the formatter faceplate.

Figure 1-121 Remove the HDD (2 of 2)



4. The HDD might still have data on it. HP recommends erasing or destroying the disk drive prior to disposal.



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

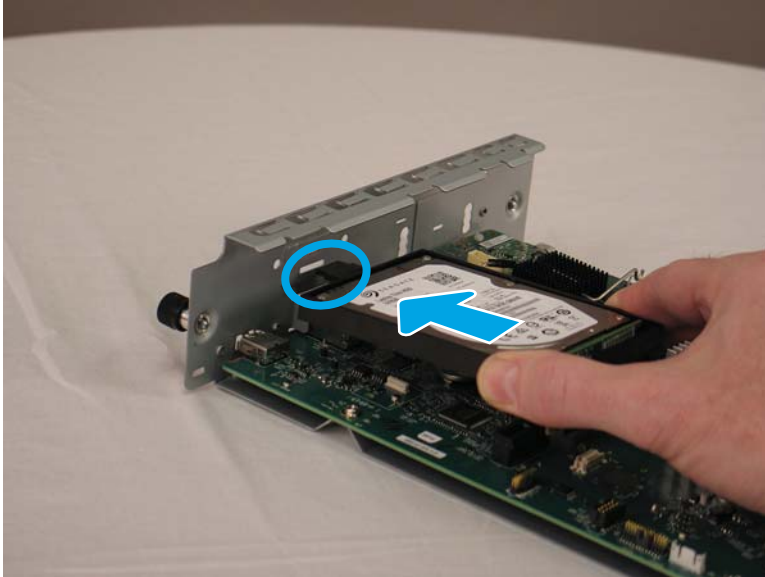
If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the HDD

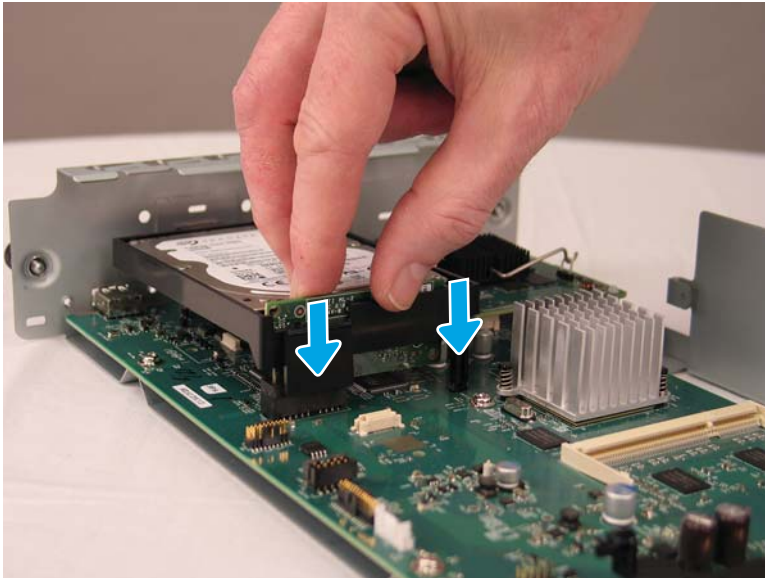
1. Insert the tab on the HDD support into the formatter faceplate.

Figure 1-122 Install the HDD (1 of 2)



2. Make sure that the card is fully seated in the connector, and then gently press the other end of the HDD into the formatter PCA to lock it in place.

Figure 1-123 Install the HDD (2 of 2)



3. After installing a replacement hard disk drive, reload the firmware by performing a firmware upgrade.

Step 5: Install the formatter

1. Slide the formatter tray into the scanner.

Figure 1-124 Install the formatter (1 of 2)



2. Install the two thumbscrews.

Figure 1-125 Install the formatter (2 of 2)




3. If you replaced the hard disk drive, restore the back-up product data.

Removal and replacement: Scanner control board (SCB)

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the SCB](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the SCB.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

SCB part number
L2762-60039
SCB

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 91](#).

Step 2: Remove the SCB

1. Remove two screws.

Figure 1-126 Remove the SCB (1 of 3)



2. Disconnect all cables and FFCs attached to the SCB.


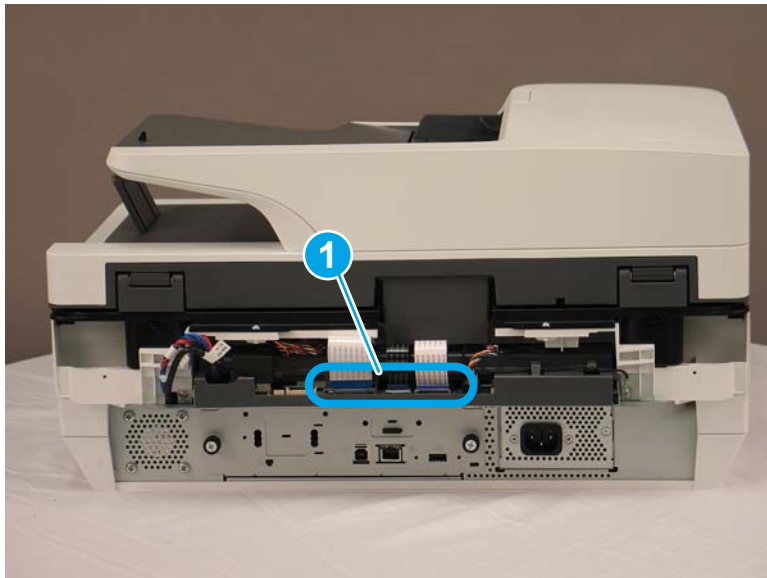
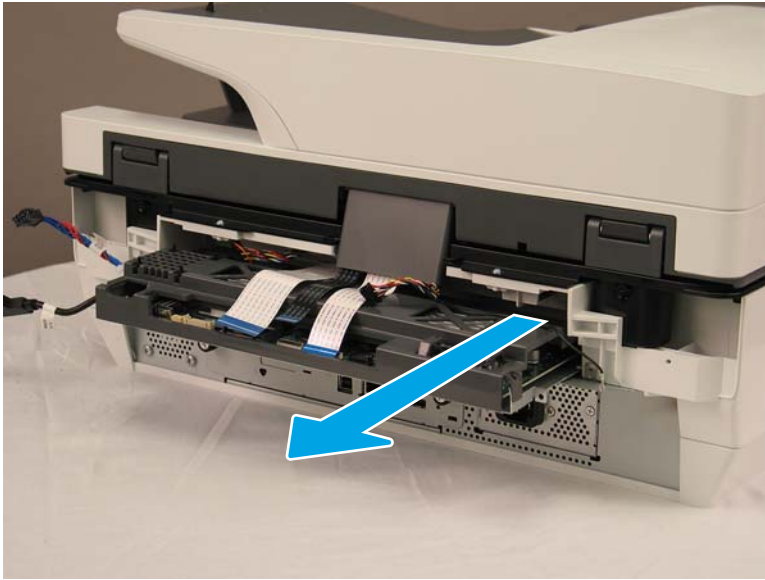
 **NOTE:** Each FFC connector (callout 1) is a locking zero insert force (ZIF) connector. Release the locking flap to release the FFC. Pulling out the cable without releasing the flap can damage the cable.

Figure 1-127 Remove the SCB (2 of 3)



3. Slide the SCB out of the scanner.

Figure 1-128 Remove the SCB (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Base cover

- [Introduction](#)
- [Step 1: Remove the base cover](#)

- [Step 2: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the scanner base cover.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Scanner base cover part number	
L2763-60011	Kit—ISA base

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

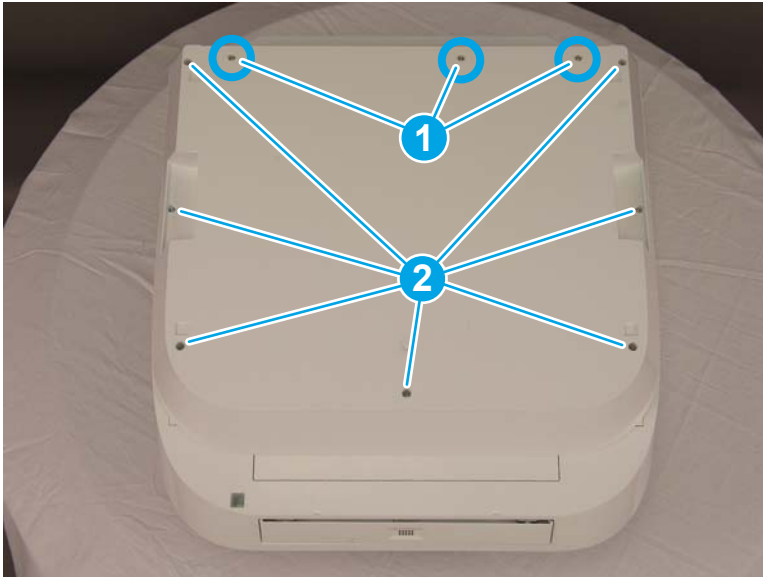
Make sure that the scanner initializes to a **Ready** state.

Step 1: Remove the base cover

1. Note that the document feeder hinges are spring-loaded and are prone to opening when turning the scanner over. **While holding the document feeder closed**, carefully turn the scanner over so that it is resting on the document feeder.

2. On the bottom of the scanner, remove three T10 Torx screws (callout 1) and seven #2 Phillips screws (callout 2) from the base cover.

Figure 1-129 Remove the base cover (1 of 2)




3. Lift the back of the base cover up, and then remove the cover from the scanner.

Figure 1-130 Remove the base cover (2 of 2)





Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Cables

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the cable](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace any of the following cables:

- Cable, FFC—Power Button
- Cable Bundle—Power Supply
- Cable, USB—Walk Up
- Cable, Discrete—CP Power
- Cable Bundle—ADF Power
- Cable—Scanner (HDMI)
- Cable, HDMI—Control Panel
- Cable, USB—HIP2
- Cable, Ground Strap, Braided



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Cables part numbers	
L2763-50001	Cable, FFC—Power Button
L2762-60007	Cable Bundle—Power Supply
L2763-50004	Cable, USB—Walk Up
L2763-50003	Cable, Discrete—CP Power
L2762-60008	Cable Bundle—ADF Power
L2762-60004	Cable—Scanner (HDMI)
L2763-50002	Cable, HDMI—Control Panel
L2763-50005	Cable, USB—HIP2
L2763-50006	Cable, Ground Strap, Braided

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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


Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 91](#).

 **NOTE:** Only remove the rear cover if you are replacing the SCB power cable or the SCB HDMI cable (cables 1 and 2 in shown in “Step 2: Remove the cable”).

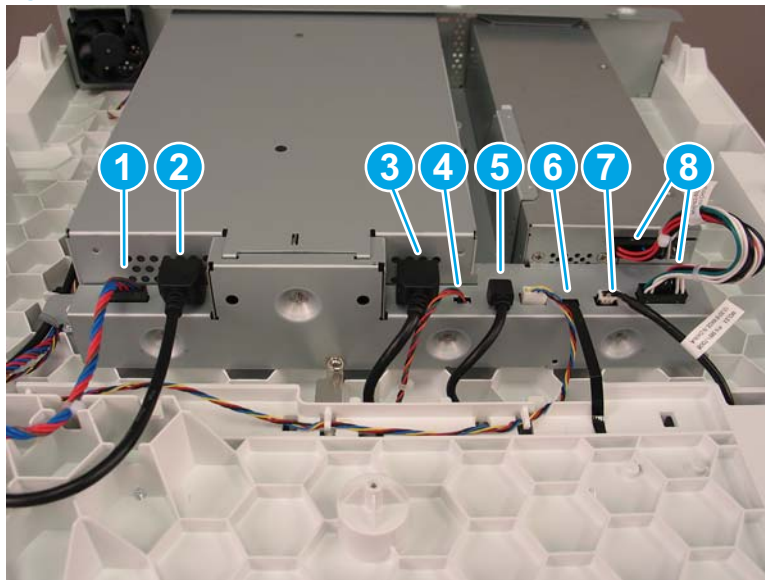
- Dashboard. See [Step 1: Remove the dashboard on page 35](#).
- Base cover. See [Step 1: Remove the base cover on page 115](#).
- Power button assembly (if removing the power button FFC). See [Step 2: Remove the power button assembly on page 121](#).

Step 2: Remove the cable

Make sure that the scanner is turned over, resting on the ADF. Take care not to scratch the ADF cover or the logo when the scanner is upside-down.

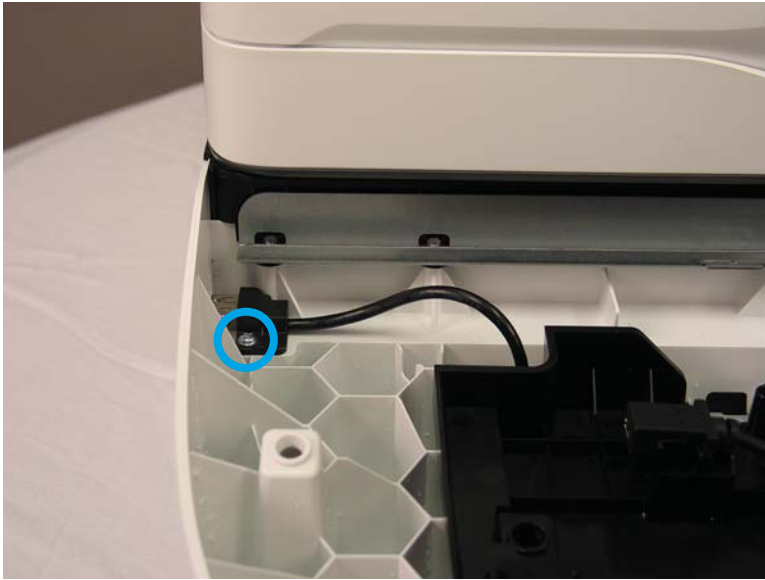
1. With the scanner resting on the ADF, disconnect any of the following cables from the base plate.

Figure 1-131 Remove cables



Item	Description
1	SCB power cable
2	SCB HDMI cable
3	Control panel HDMI cable
4	Control panel power cable
5	HIP USB cable
6	Power button FFC
7	Walk-up USB cable
8	Power supply cable

2. If you are removing the walk-up USB port cable, turn the scanner over. At the front of the scanner, remove one screw, and then unroute the cable from the front of the scanner.



3. Unroute the cable from the scanner chassis, and then remove it from the scanner.



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Power button

- [Introduction](#)

- [Step 1: Remove the following parts](#)
- [Step 2: Remove the power button assembly](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the power button assembly](#)
- [Step 5: Install remaining parts](#)

Introduction

This document provides the procedures to remove and replace the power button.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Power button part number	
L2762-60034	Power button

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Dashboard. See [Step 1: Remove the dashboard on page 35](#).

Step 2: Remove the power button assembly

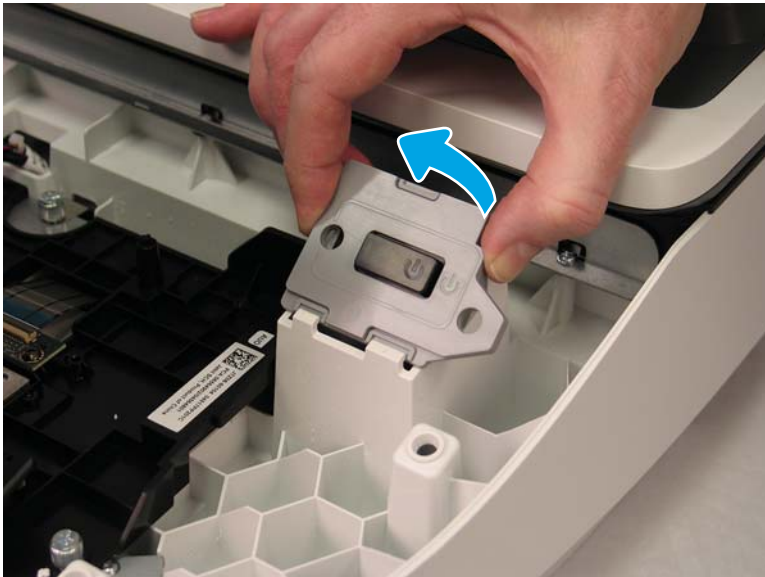
1. Release the tab at the back of the power button assembly.

Figure 1-132 Remove the power button assembly (1 of 3)



2. Lift the back end of the assembly away from the dashboard.

Figure 1-133 Remove the power button assembly (2 of 3)



3. Disconnect the FFC from the assembly PCA to remove the assembly. Do not pull the assembly away from the product before disconnecting the FFC.

Figure 1-134 Remove the power button assembly (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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

2. Unpack the replacement part from the packaging.

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

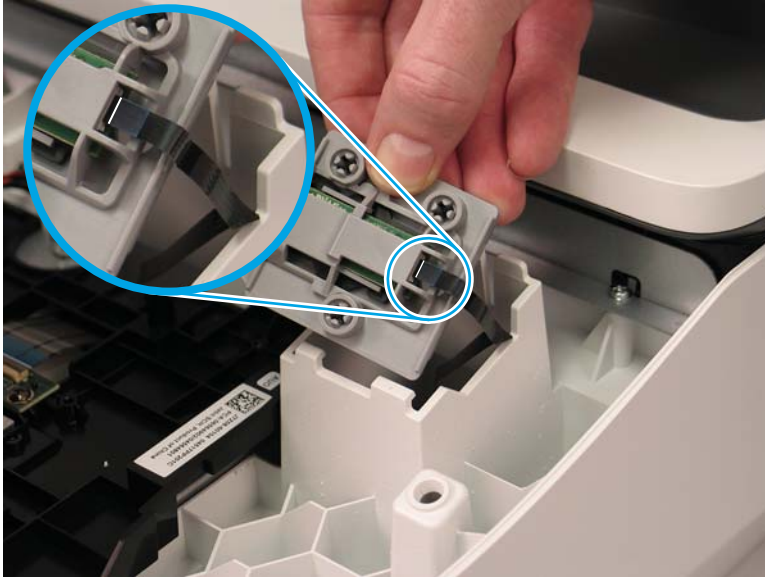
If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the power button assembly

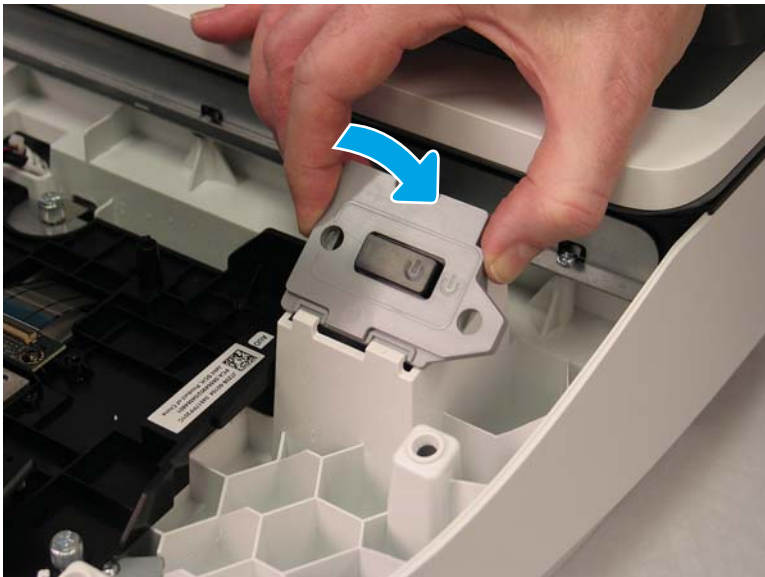
1. Connect the FFC to the assembly PCA. There is a line printed on the FFC that shows proper alignment and insertion depth.

Figure 1-135 Install the power button assembly (1 of 2)



2. Insert the front end of the assembly into the scan tub to set the tabs, and then lower the back end into place. Press the back end until the tab clicks into place.

Figure 1-136 Install the power button assembly (2 of 2)



Step 5: Install remaining parts

Reinstall the parts that you removed in Step 1.

Removal and replacement: Fan

- [Introduction](#)
- [Step 1: Remove the following part:](#)
- [Step 2: Remove the fan](#)

- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the fan.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Fan assembly part number	
L2762-60017	Assembly—Fan with cable and connector

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following part:

Remove the base cover. See [Step 1: Remove the base cover on page 115](#).

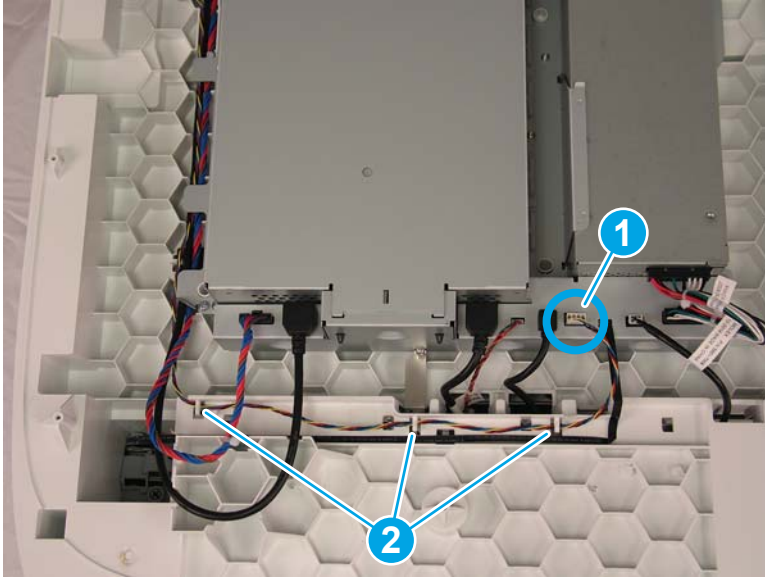
Step 2: Remove the fan


1. Disconnect the fan power cable from the connector (callout 1) next to the power supply, and then unroute the cable from the scanner chassis.



Reinstallation tip: Note how the cable is routed through the cable channels and clips, and repeat that set-up when installing the fan.

Figure 1-137 Remove the fan (1 of 2)

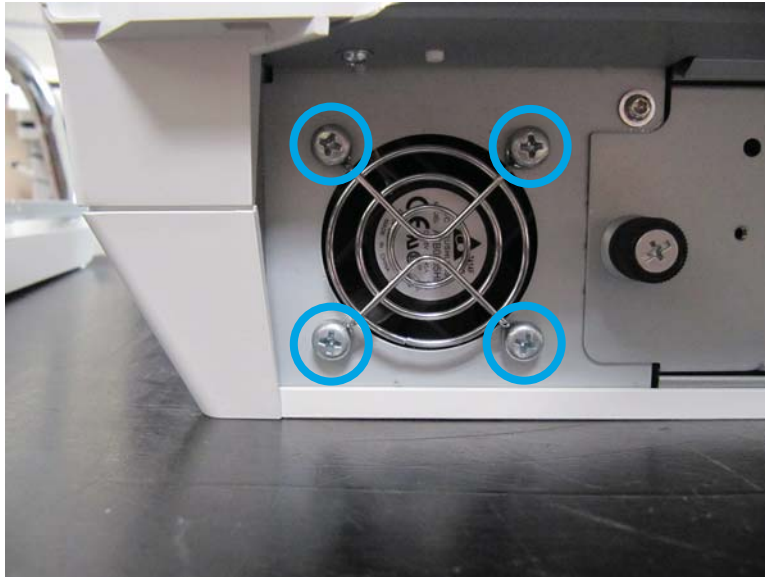


 **TIP:** Also note the routing next to the fan. There are two notches that hold the fan cable in place.



2. The fan is mounted on the rear wall. On the opposite side of the rear wall, remove four screws, and then remove the fan assembly from the scanner.

Figure 1-138 Remove the fan (2 of 2)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Power supply

- [Introduction](#)

- [Step 1: Remove the following parts](#)
- [Step 2: Remove the power supply](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the power supply.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Power supply part number	
L2762-60012	215 W 100 V-240 V power supply assembly

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 91](#).
- Base cover. See [Step 1: Remove the base cover on page 115](#).
- Document feeder. See [Step 2: Remove the document feeder on page 93](#).
- Fan. See [Step 2: Remove the fan on page 125](#).

Step 2: Remove the power supply

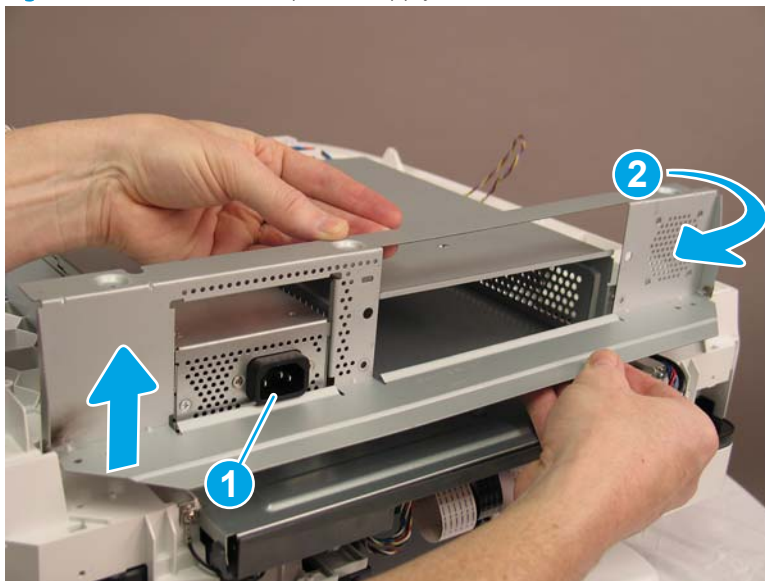
1. On the rear wall, remove four screws.

Figure 1-139 Remove the power supply (1 of 5)



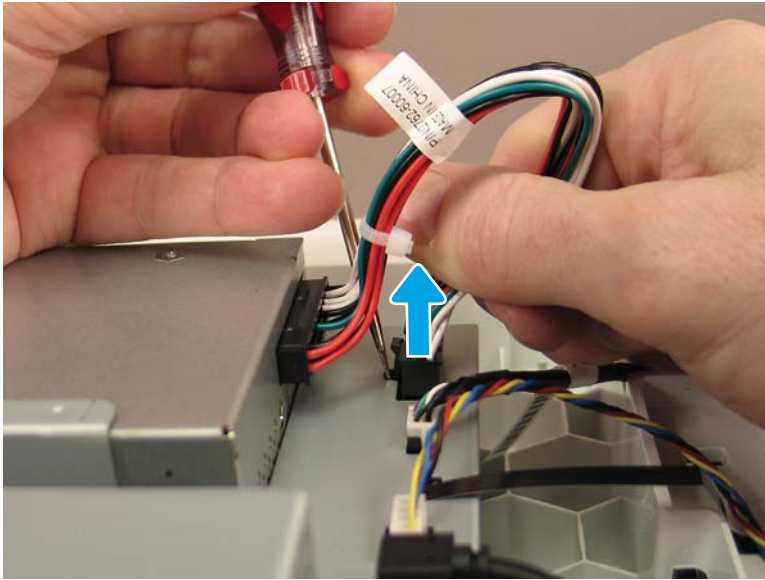
2. Lift the rear wall until the gap in the rear wall makes contact with the power receptacle (callout 1), and then pivot the side of the wall where the fan was mounted (callout 2) to remove it.

Figure 1-140 Remove the power supply (2 of 5)



3. Use a small flat-blade screwdriver to disconnect the power cable.

Figure 1-141 Remove the power supply (3 of 5)



4. Remove two screws (callout 1) from the side of the power supply.


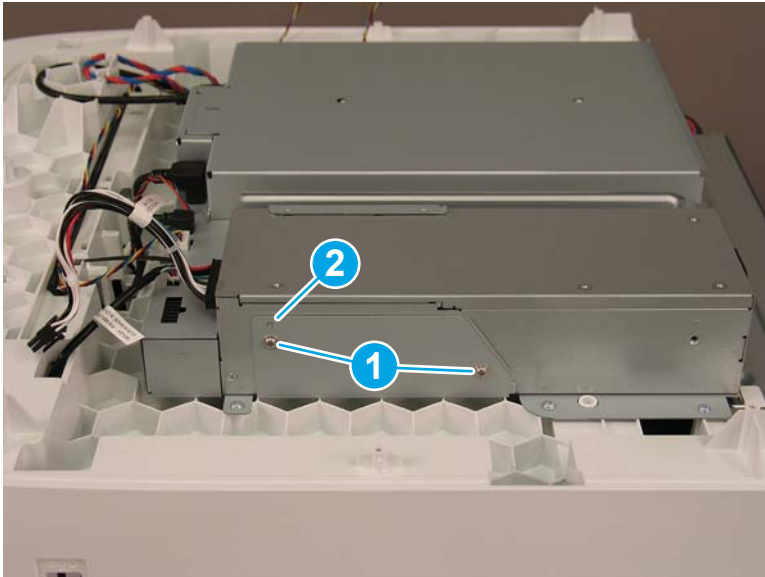
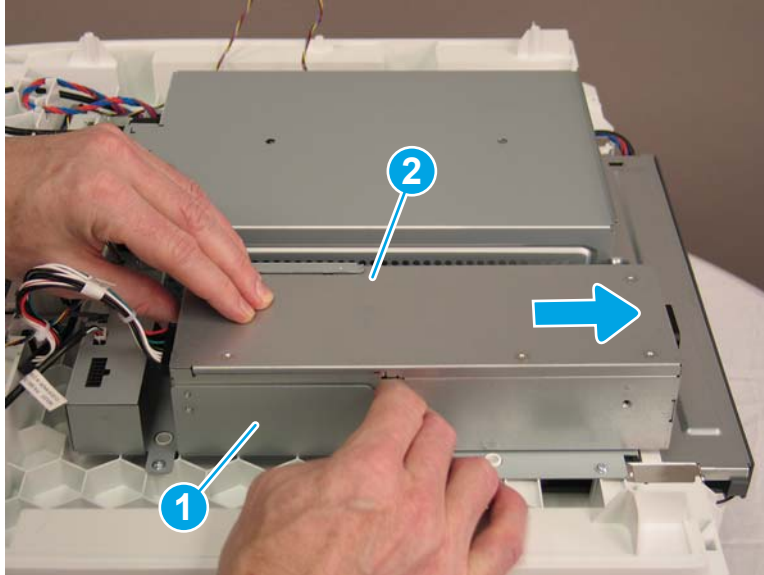
 **Reinstallation tip:** Note the alignment pin and slot (callout 2, above) directly above the screw closer to the scanner front. These are on both sides of the power supply. Verify that these are set correctly when installing the power supply.

Figure 1-142 Remove the power supply (4 of 5)



5. Slightly pull the sheet metal tab (callout 1), and then slide the power supply (callout 2) toward the back of the scanner to remove it.

Figure 1-143 Remove the power supply (5 of 5)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Field replaceable units (FRUs) (N9120 fn2 models)

- [Removal and replacement: Rear cover](#)
- [Removal and replacement: Document feeder](#)
- [Removal and replacement: Document feeder white background](#)
- [Removal and replacement: Document feeder hinges](#)
- [Removal and replacement: Keyboard](#)
- [Removal and replacement: Formatter](#)
- [Removal and replacement: Scanner control board \(SCB\)](#)
- [Removal and replacement: Nosecone](#)
- [Removal and replacement: Flatbed scanner](#)
- [Removal and replacement: Scanner base](#)
- [Removal and replacement: Power button](#)
- [Removal and replacement: Fan](#)
- [Removal and replacement: Power supply](#)
- [Remove and replace: Cables](#)

Removal and replacement: Rear cover

- [Introduction](#)
- [Step 1: Remove the rear cover](#)
- [Step 2: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the rear (SCB) cover.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Rear cover part number

J7Z09-40028

Rear cover

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

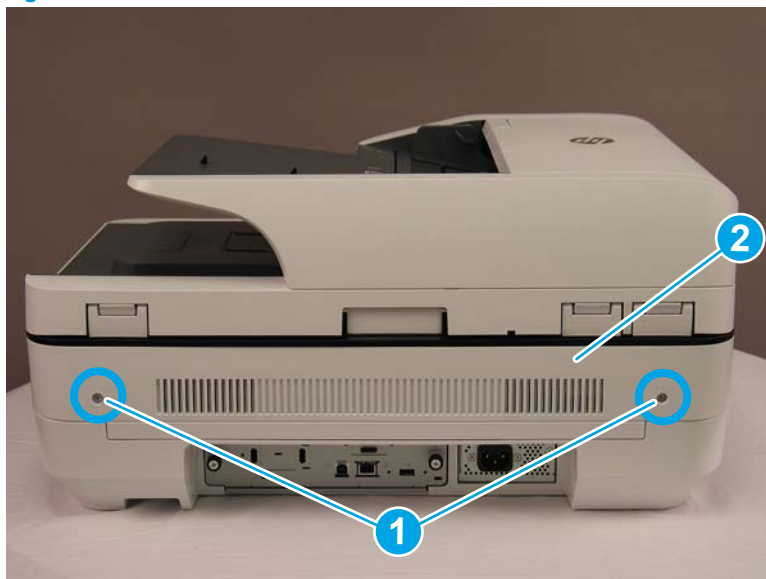
Post service test

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

Step 1: Remove the rear cover


- ▲ Remove two screws (callout 1) from the scanner control board (SCB) cover, and then remove the cover (callout 2).

Figure 1-144 Remove the rear cover





Step 2: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Document feeder

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the document feeder](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the document feeder.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Document feeder part number

J7Z09-67930

Document feeder

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

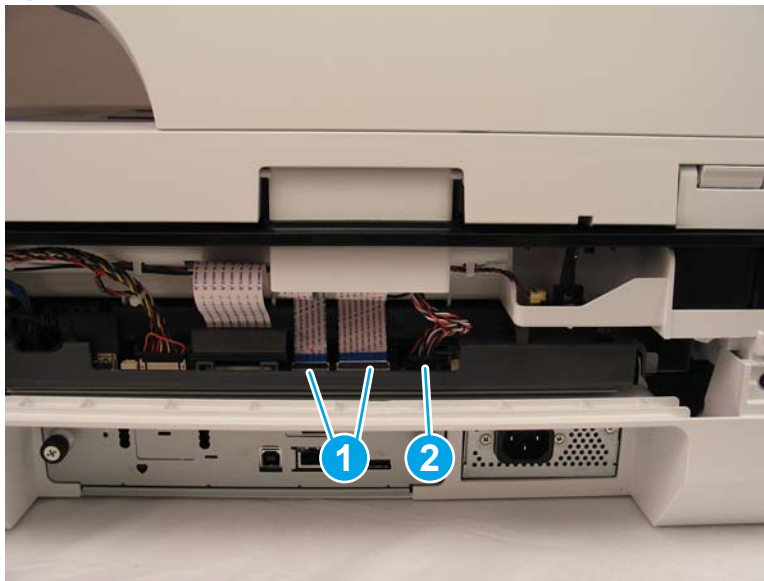
Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 133](#).

Step 2: Remove the document feeder

1. Disconnect two FFCs (callout 1) and one connector (callout 2).

Figure 1-145 Remove the document feeder (1 of 3)

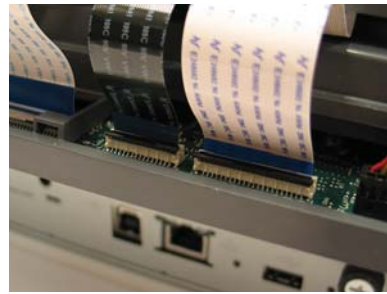


⚠ CAUTION: Each FFC connector is a locking zero insert force (ZIF) connector. Release the locking flap to release the FFC. Pulling out the cable without releasing the flap can damage the cable.

Closed

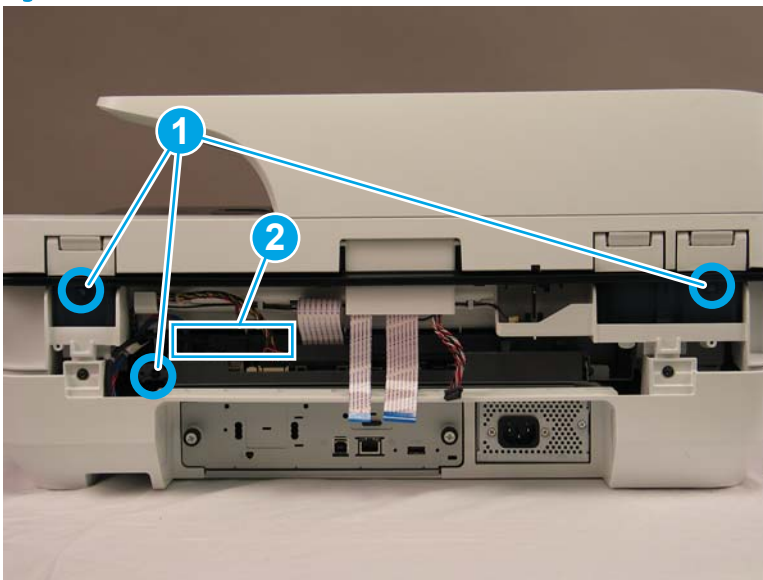


Open



2. Remove three screws (callout 1), and then unrout the ground wire (callout 2).

Figure 1-146 Remove the document feeder (2 of 3)



3. Lift the front of the document feeder, and then lift the assembly straight up to remove it from the scanner.

Figure 1-147 Remove the document feeder (3 of 3)



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.




NOTE: HP recommends responsible disposal of the defective part.

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

2. Unpack the replacement part from the packaging.



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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.



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

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



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

Removal and replacement: Document feeder white background

- [Introduction](#)
- [Step 1: Remove the document feeder white backing](#)

- [Step 2: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the document feeder white backing.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Document feeder white backing part number	
---	--

J7Z09-67926	Kit—White Backing A3
-------------	----------------------

Required tools

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

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the document feeder white backing

1. Open the document feeder.

Figure 1-148 Remove the document feeder white backing (1 of 2)



2. Carefully pry the white backing away from the document feeder. There is a series of tabs connecting the white backing to the document feeder.

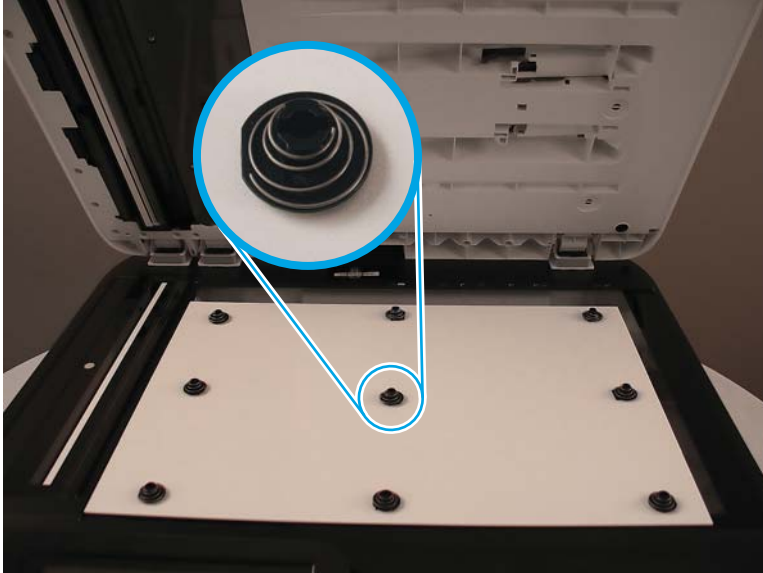
Figure 1-149 Remove the document feeder white backing (2 of 2)



Reinstallation tip: During this step, it is easy to accidentally remove the springs that are connected to the flatbed cover. Reinstall or replace any damaged springs.

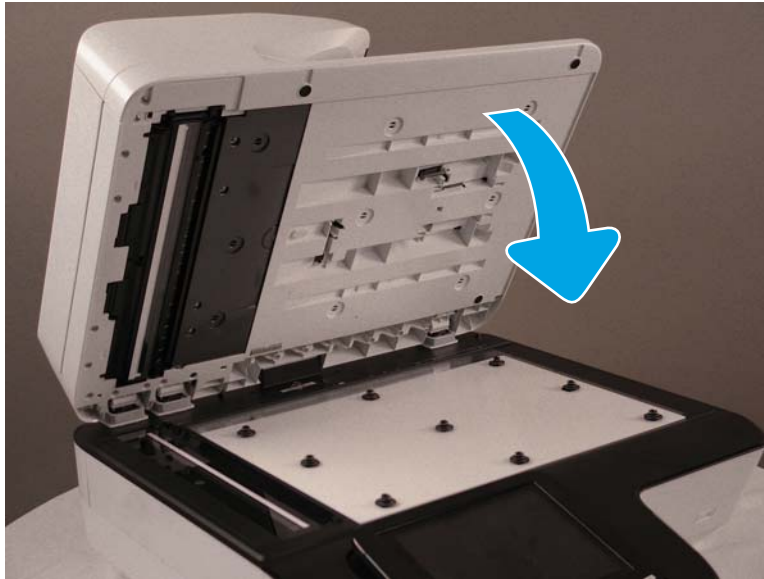
Also, verify that the adhesive pads are still good enough to reuse with the new white background.


Figure 1-150 Reinstall any loose springs



3. Place the backing on the flatbed glass, and then close the document feeder lid to line up and reconnect the backing clips to the lid.

Figure 1-151 Close the document feeder lid on the backing



 **Reinstallation tip:** After installing the new backing, verify that the backing lines up correctly with the flatbed scanner glass. If it is incorrectly aligned, remove and then reinstall the backing correctly.



Step 2: Unpack the replacement assembly

1. Dispose of the defective part.


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

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

2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Removal and replacement: Document feeder hinges

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the document feeder hinges](#)

- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the document feeder hinges.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Document feeder hinges part number	
------------------------------------	--

J7Z09-67931	Kit—ADF Hinges
-------------	----------------

Required tools

- #2 Phillips screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 91](#).
- Document feeder. See [Step 2: Remove the document feeder on page 93](#).

Step 2: Remove the document feeder hinges



Reinstallation tip: The hinges are not the same—they have different part numbers, and one has an ESD brush attached to it. Make sure that you install the hinges in their correct location.

1. Turn the ADF over and rest it on its top.

Figure 1-152 Remove the document feeder hinges (1 of 2)



2. On each hinge, remove four screws, and then remove the hinge from the document feeder assembly.

Figure 1-153 Remove the document feeder hinges (2 of 2)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Keyboard

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the keyboard](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the keyboard.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Keyboard part number	
J7Z09-67909	Kit—Keyboard English US AME
J7Z09-67910	Kit—Keyboard English US EMEA

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

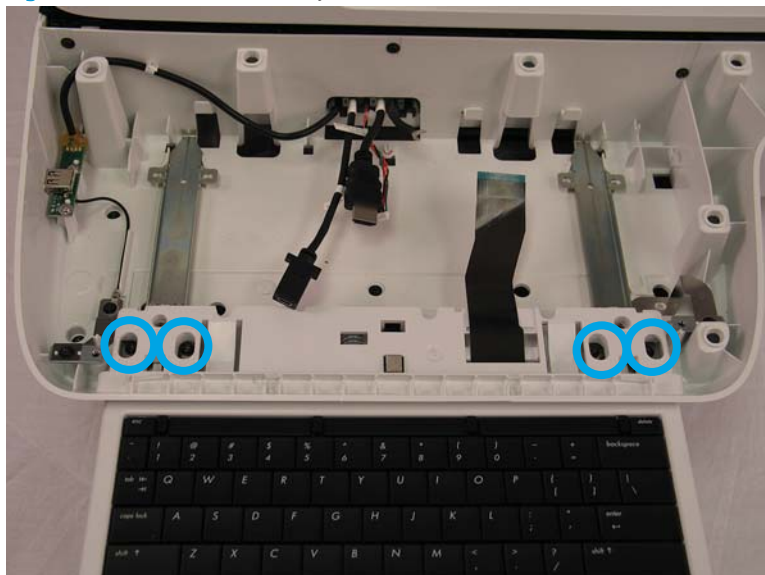
Remove the following parts:

- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).

Step 2: Remove the keyboard

1. Pull the keyboard out partially, to a point where the screw holes in the plastic assembly line up with four screws near the front of the dashboard, and then remove the screws.

Figure 1-154 Remove the keyboard (1 of 3)



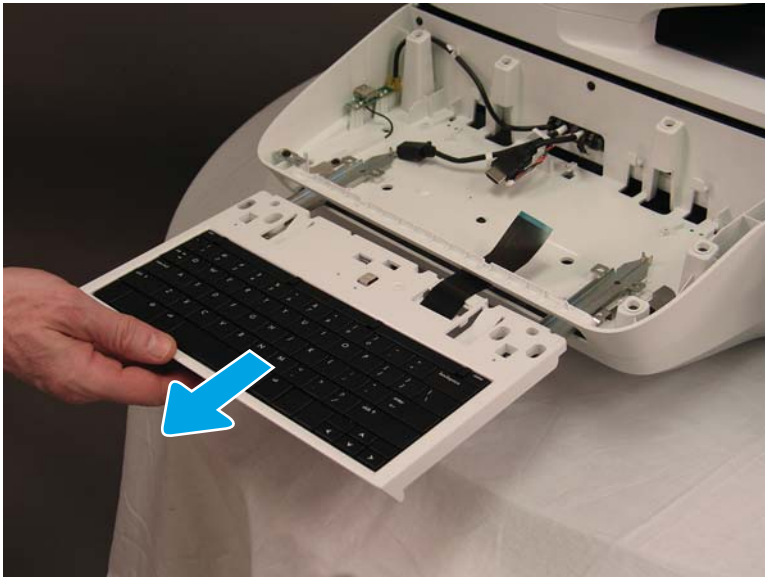
2. With the keyboard completely inside the dashboard, remove four screws at the back of the assembly. These screws are recessed in holes in the plastic assembly.

Figure 1-155 Remove the keyboard (2 of 3)



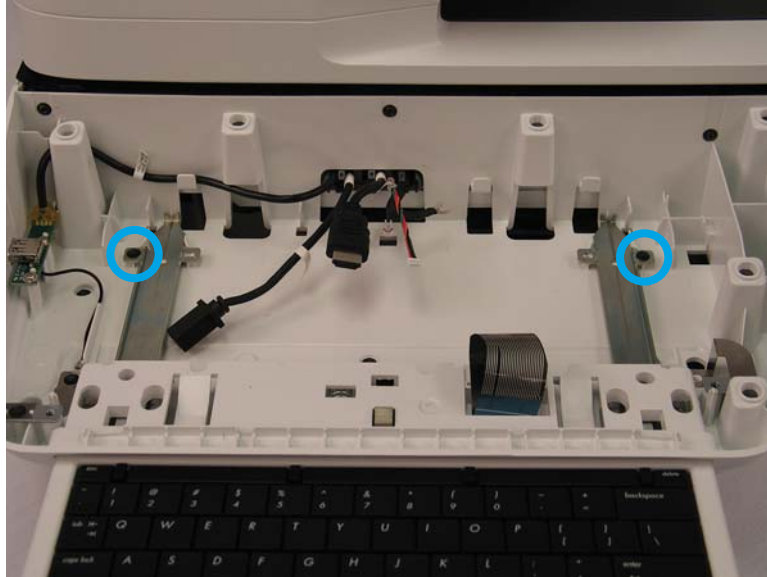
3. Pull the keyboard out completely to remove it from the scanner.

Figure 1-156 Remove the keyboard (3 of 3)



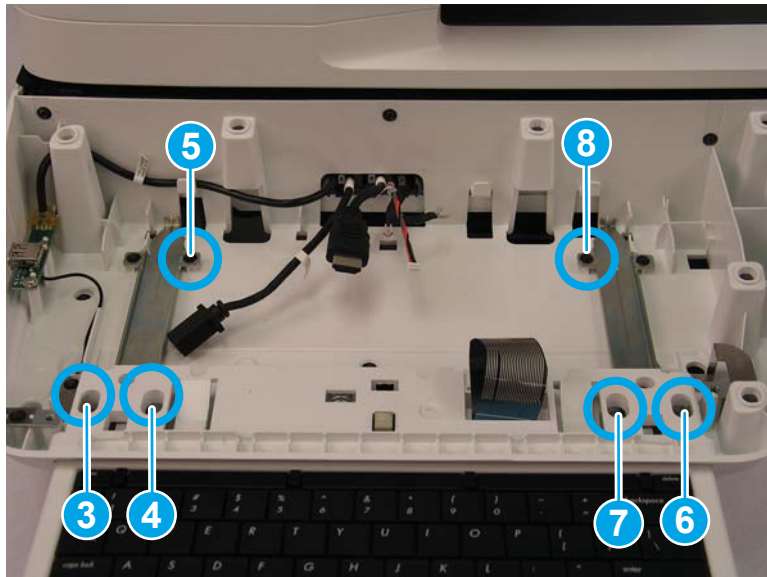
4. When reinstalling the keyboard, reinstall the screws in the following order.
 - a. Slide the keyboard completely in, pull it back to reveal the rails over the back side screw holes, and then install the two outer back screws.

Figure 1-157 Install the keyboard (1 of 2)



- b. Pull the keyboard out far enough to reveal the holes for the front side screws, and then install the remaining screws in the order indicated in the photo.

Figure 1-158 Install the keyboard (2 of 2)



- c. Install the two inner back side screws.



Step 3: Unpack the replacement assembly

- 1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Formatter

- [Introduction](#)
- [Step 1: Remove the formatter](#)
- [Step 2: Remove the HDD](#)
- [Step 3: Unpack the replacement assembly](#)
- [Step 4: Install the HDD](#)
- [Step 5: Install the formatter](#)


Introduction

This document provides the procedures to remove and replace the formatter.

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

Before performing service

- Turn the scanner off, and then disconnect the power cable.

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

 **CAUTION:**  ESD sensitive component.

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Formatter part number	
L2762-60031	Formatter

Required tools

- The thumbscrews are factory tightened and will require a screwdriver or coin to loosen the first time. No other tools are needed to remove or install this assembly.

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the formatter

CAUTION: Replacing the hard disk drive and formatter PCA at the same time can render the product unusable. Swapping these assemblies between products can also render the product unusable.

NOTE: If replacing the hard disk drive, back up the product data before removing it. See [Back up product data on page 5](#).

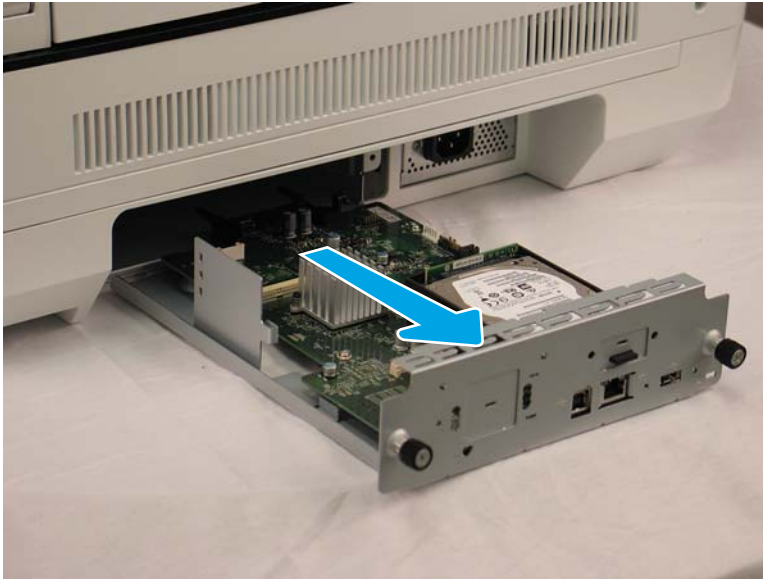
1. On the back of the scanner, remove two thumbscrews.

Figure 1-159 Remove the formatter (1 of 2)



2. Pull the formatter tray out of the scanner.

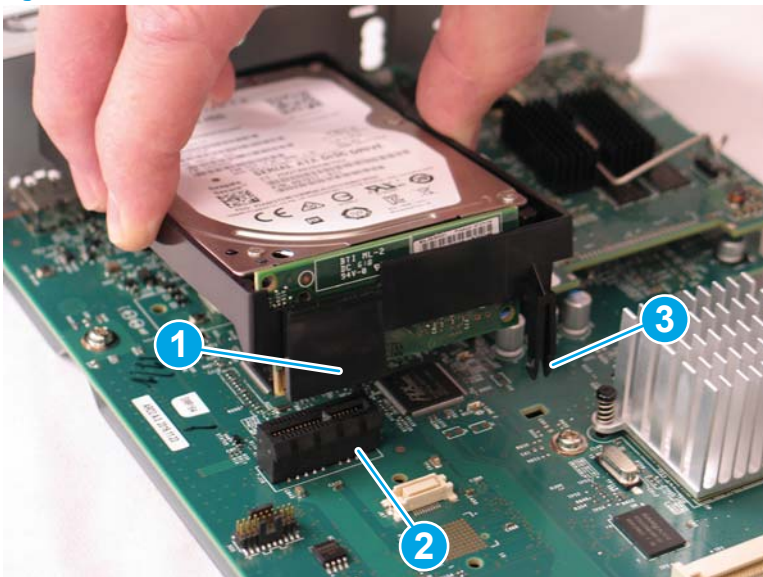
Figure 1-160 Remove the formatter (2 of 2)



Step 2: Remove the HDD

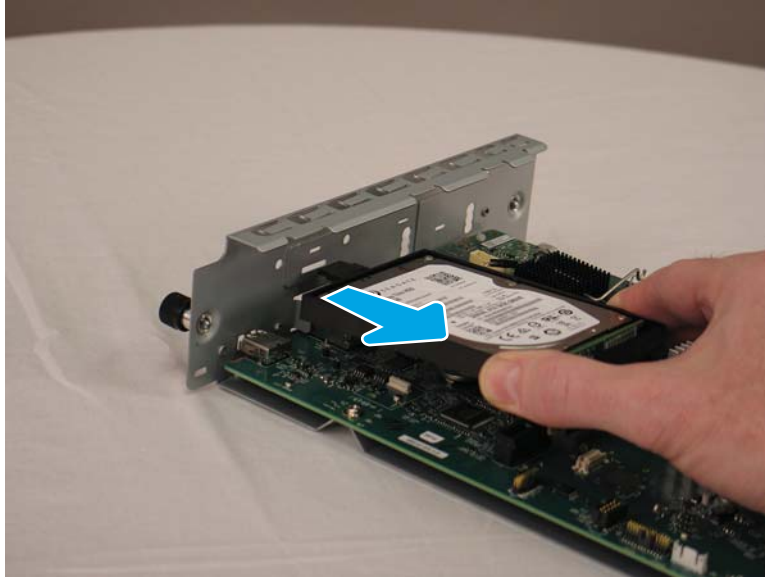
1. Before removing the hard disk drive, back up the product data. See [Back up product data on page 5](#).
2. On the formatter PCA, pinch the top of the release tab (callout 1), and then gently lift that corner to disconnect one connector (callout 2). Once the connector is disconnected, release the support post (callout 3) from the HDD to remove it completely.

Figure 1-161 Remove the HDD (1 of 2)



3. Pull the HDD away from the formatter faceplate.

Figure 1-162 Remove the HDD (2 of 2)



4. The HDD might still have data on it. HP recommends erasing or destroying the disk drive prior to disposal.



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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

2. Unpack the replacement part from the packaging.

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

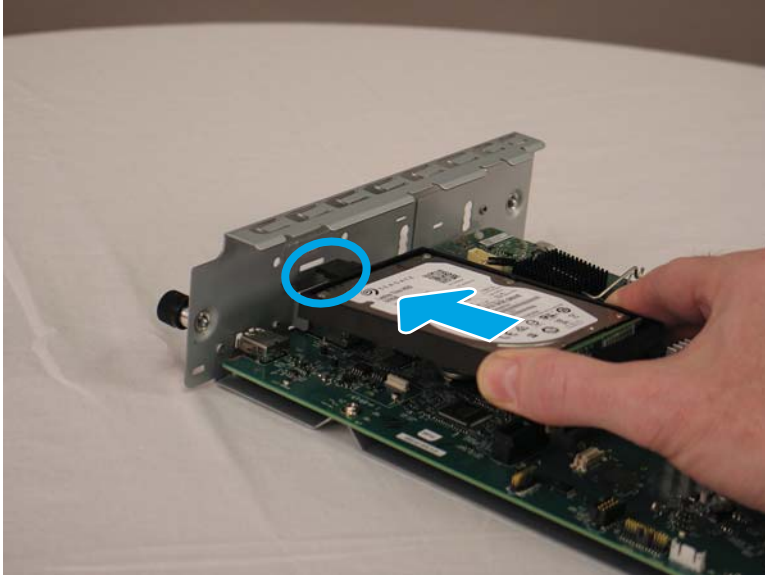
If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

Step 4: Install the HDD

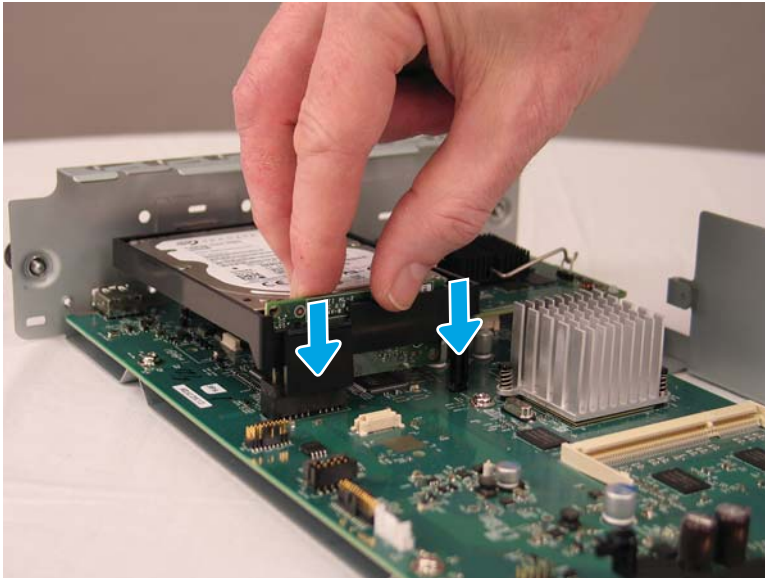
1. Insert the tab on the HDD support into the formatter faceplate.

Figure 1-163 Install the HDD (1 of 2)



2. Gently press the other end of the HDD into the formatter PCA to lock it in place. Make sure that the card is fully inserted into the connector.

Figure 1-164 Install the HDD (2 of 2)

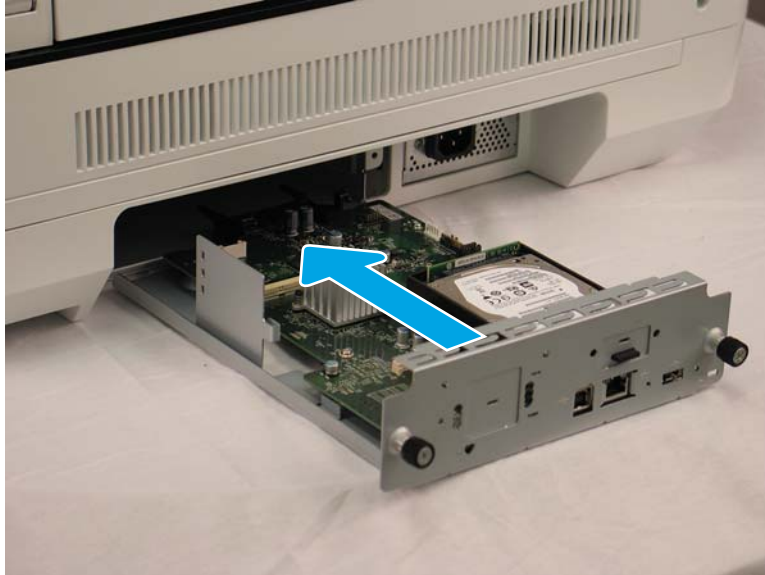


3. After installing a replacement hard disk drive, reload the firmware by performing a firmware upgrade.

Step 5: Install the formatter

1. Slide the formatter tray into the scanner.

Figure 1-165 Install the formatter (1 of 2)



2. Install the two thumbscrews.

Figure 1-166 Install the formatter (2 of 2)



3. If you replaced the hard disk drive, restore the back-up product data.

Removal and replacement: Scanner control board (SCB)

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the SCB](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the SCB.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

SCB part number
J7Z09-60120

Assembly, SCB Cage Workflow

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 133](#).

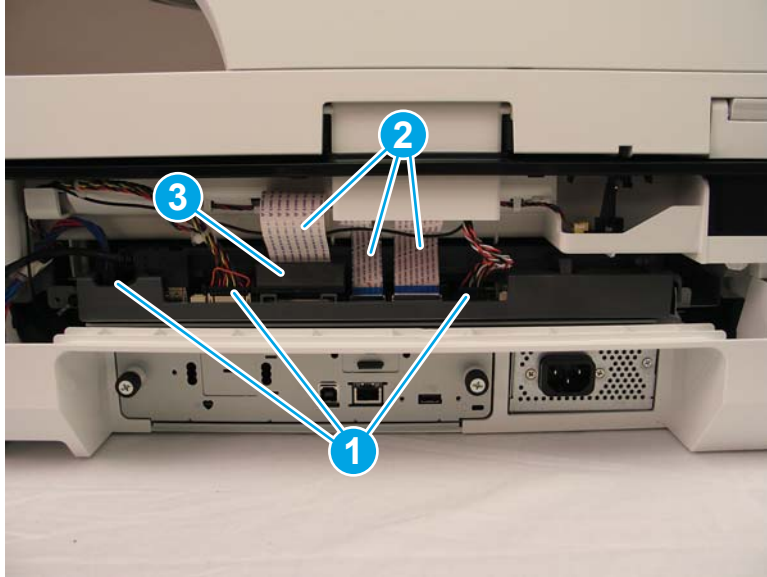
Step 2: Remove the SCB

1. Disconnect three cable connectors (callout 1) and three FFCs (callout 2) attached to the SCB. The largest FFC requires you to pull up on a cable ferrite (callout 3) first to access the FFC connector.



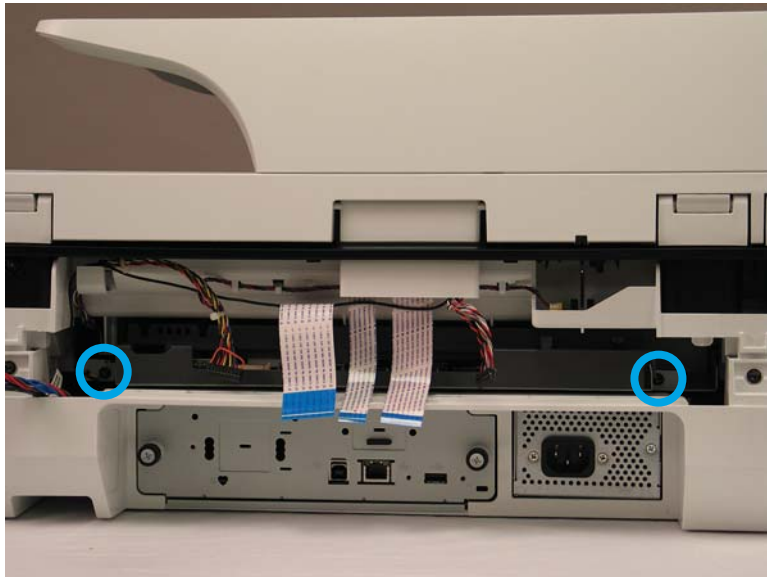
CAUTION: Each FFC connector is a locking zero insert force (ZIF) connector. Release the locking flap to release the FFC. Pulling out the cable without releasing the flap can damage the cable.

Figure 1-167 Remove the SCB (1 of 3)



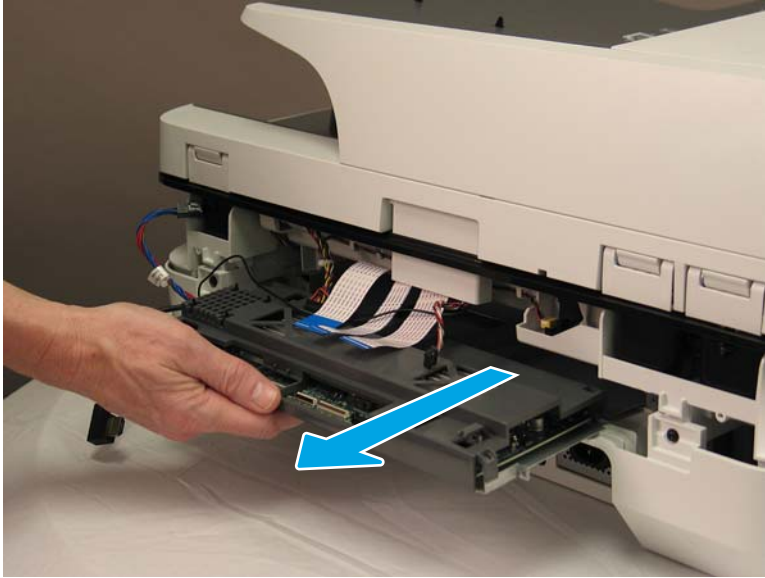
2. Remove two screws.

Figure 1-168 Remove the SCB (2 of 3)



3. Slide the SCB out of the scanner.

Figure 1-169 Remove the SCB (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Nosecone

- [Introduction](#)
- [Step 1: Remove the following parts](#)

- [Step 2: Remove the nosecone](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the nosecone.



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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Nosecone part number	
J7Z09-60146	Assembly—A3 Nosecone Left

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

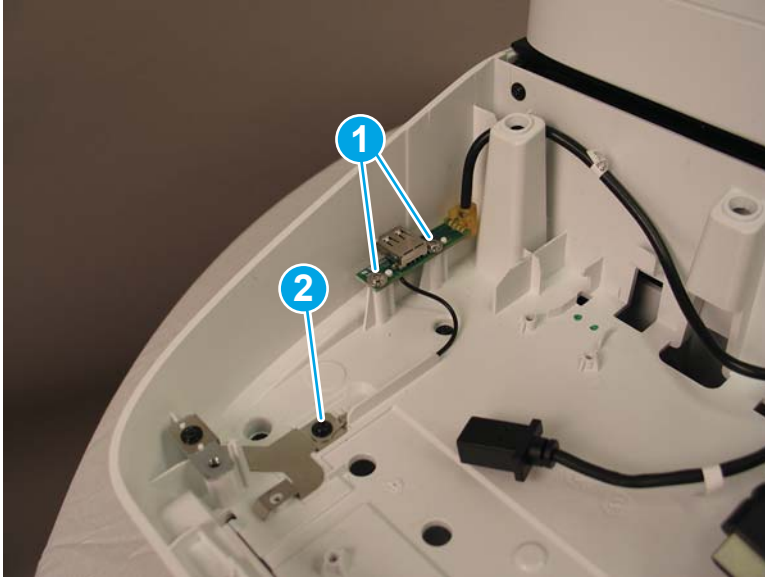
Remove the following parts:

- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Keyboard. See [Step 2: Remove the keyboard on page 145](#).

Step 2: Remove the nosecone

1. On the USB port assembly, remove one two screws (callout 1) on the assembly, and one grounding wire screw (callout 2), and then unrout the cable from the nosecone.

Figure 1-170 Remove the nosecone (1 of 3)



2. Remove 14 screws, and then lift up the nosecone to remove it.

Figure 1-171 Remove the nosecone (2 of 3)

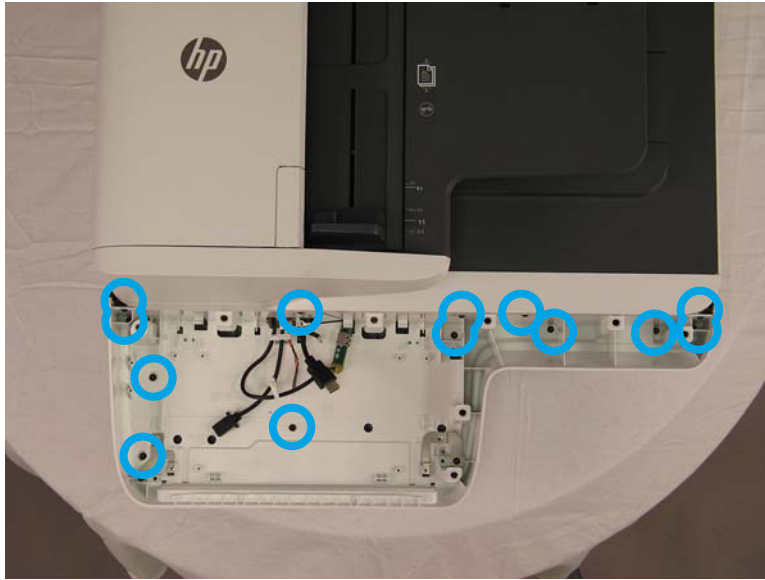



Figure 1-172 Remove the nosecone (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Flatbed scanner

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the flatbed scanner](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the flatbed scanner.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Flatbed scanner part number

L2763-60010

Kit—Top-Level SSA Workflow

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

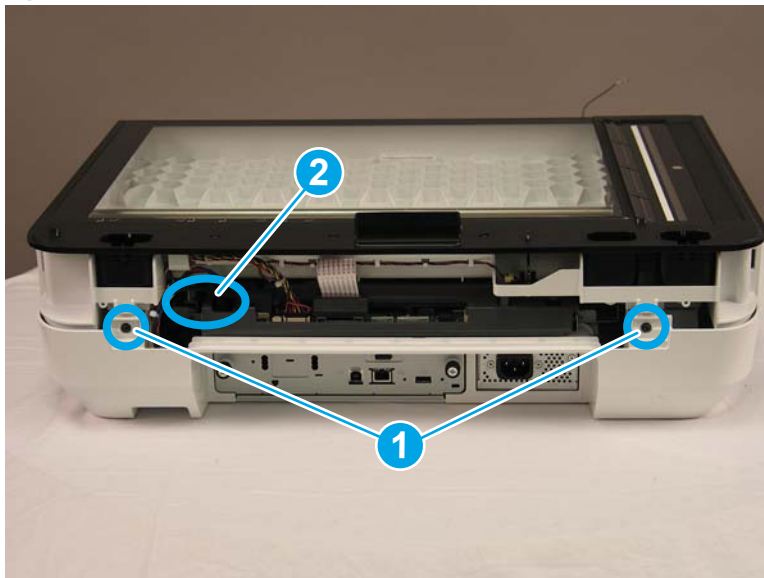
Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 133](#).
- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Nosecone. See [Step 2: Remove the nosecone on page 157](#).
- Document feeder. See [Step 2: Remove the document feeder on page 135](#).

Step 2: Remove the flatbed scanner

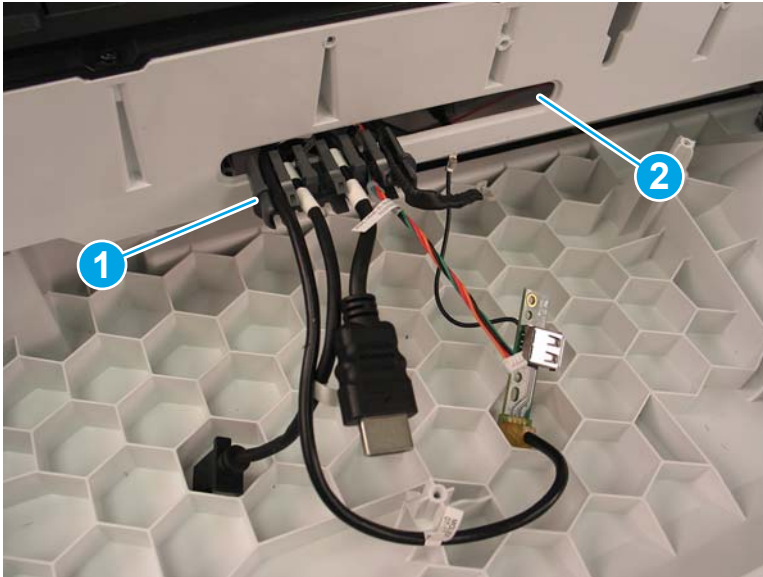
1. At the back side of the scanner, remove two T20 Torx screws (callout 1), and disconnect two cables (callout 2).

Figure 1-173 Remove the flatbed scanner (1 of 3)



2. At the front side of the scanner, slide the cable cluster (callout 1) to the middle of the slot (callout 2) in the scanner, and then carefully push the cables through the slot.

Figure 1-174 Remove the flatbed scanner (2 of 3)



3. Slide the scanner toward the front of the scanner, and then lift up to remove it.

Figure 1-175 Remove the flatbed scanner (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Scanner base

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the scanner base](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the scanner base cover.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Scanner base cover part number	
L2763-60011	Kit—ISA base

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

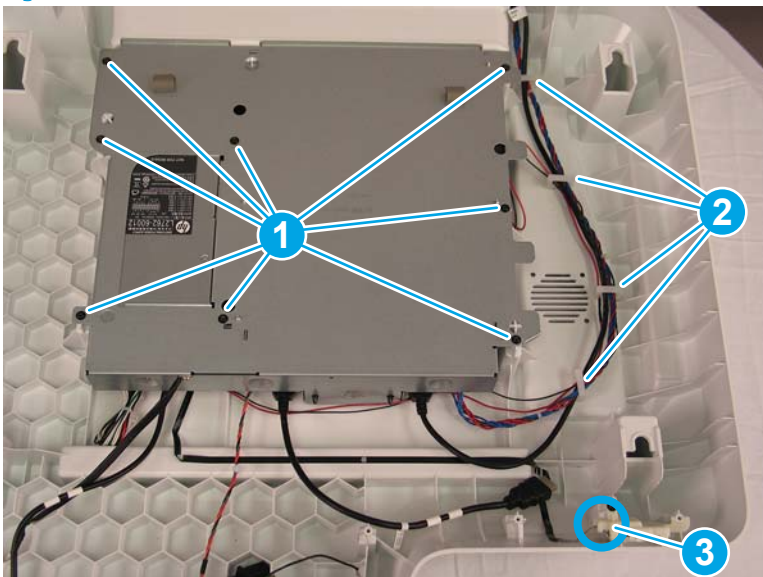
Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 133](#).
- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Document feeder. See [Step 2: Remove the document feeder on page 135](#).
- Nosecone. See [Step 2: Remove the nosecone on page 157](#).
- Flatbed scanner. See [Step 2: Remove the flatbed scanner on page 161](#).

Step 2: Remove the scanner base

1. Remove eight screws (callout 1), unroute the cables from the clips (callout 2), and disconnect the power button FFC (callout 3).

Figure 1-176 Remove the scanner base (1 of 2)



2. Lift the base assembly up to remove it, turn it over to reveal the cable connectors, and then disconnect the connectors.

Figure 1-177 Remove the base cover (2 of 2)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Power button

- [Introduction](#)

- [Step 1: Remove the following parts](#)
- [Step 2: Remove the power button assembly](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the power button.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Power button part number	
L2763-60012	Kit—Power button

Required tools

- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

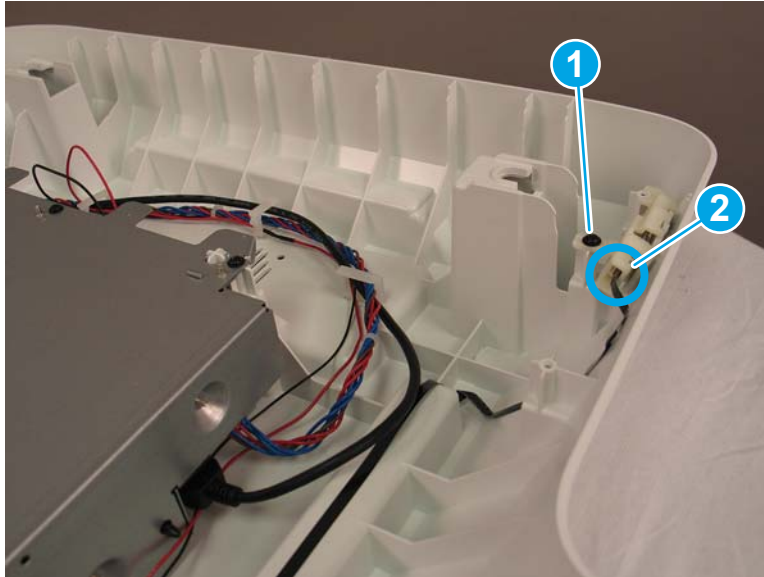
Remove the following parts:

- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Nosecone. See [Step 2: Remove the nosecone on page 157](#).

Step 2: Remove the power button assembly

- ▲ On the power button assembly, remove one screw (callout 1), and then disconnect the FFC (callout 2) to remove the assembly.

Figure 1-178 Remove the power button assembly





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Removal and replacement: Fan

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the fan](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace the fan.



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Fan assembly part number	
L2762-60017	Assembly—Fan with cable and connector

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

Remove the following parts:

- Formatter. See [Step 1: Remove the formatter on page 149](#).
- Rear cover. See [Step 1: Remove the rear cover on page 133](#).


- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Nosecone. See [Step 2: Remove the nosecone on page 157](#).
- Flatbed scanner. See [Step 2: Remove the flatbed scanner on page 161](#).
- Scanner base. See [Step 2: Remove the scanner base on page 164](#).

Step 2: Remove the fan

1. Disconnect the fan power cable from the connector next to the power supply, and then unrout the fan cable from the routing clips.

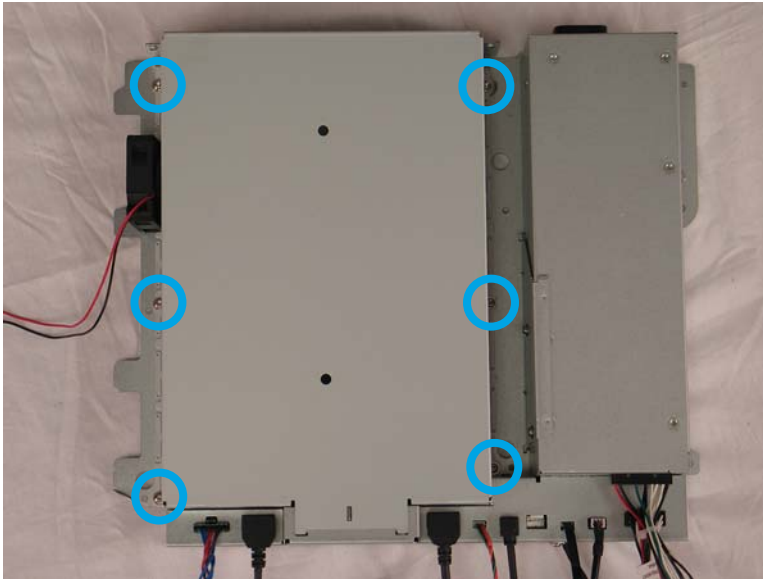
Figure 1-179 Remove the fan (1 of 3)



 **Reinstallation tip:** Note how the fan power cable (the thin, two-wire bundle) is routed through the cable channels and clips, and repeat that set-up when installing the fan.

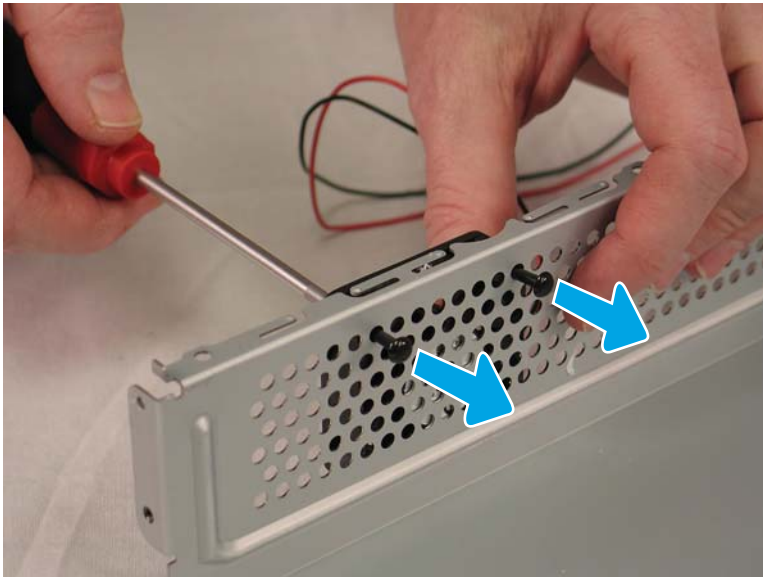
2. Remove six screws to separate the base-plate assembly from the formatter cage.

Figure 1-180 Remove the fan (2 of 3)



3. The fan is mounted on the formatter cage. On the inner side of the formatter cage, disconnect two fasteners, and then remove the fan assembly from the scanner.

Figure 1-181 Remove the fan (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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


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

Removal and replacement: Power supply

- [Introduction](#)
- [Step 1: Remove the following parts](#)
- [Step 2: Remove the power supply](#)
- [Step 3: Unpack the replacement assembly](#)


Introduction

This document provides the procedures to remove and replace the power supply.

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

Before performing service

- Disconnect the power cable.

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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Power supply part number	
L2762-60012	Assembly—215 W 100 V-240 V power supply

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip
- Small, flat-blade screwdriver

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

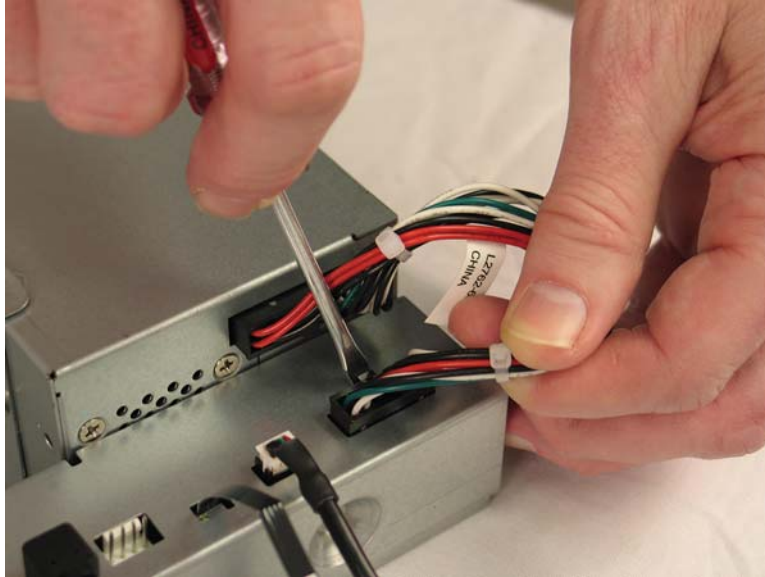
Remove the following parts:

- Formatter. See [Step 1: Remove the formatter on page 149](#).
- Rear cover. See [Step 1: Remove the rear cover on page 133](#).
- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Document feeder. See [Step 2: Remove the document feeder on page 135](#).
- Nosecone. See [Step 2: Remove the nosecone on page 157](#).
- Flatbed scanner. See [Step 2: Remove the flatbed scanner on page 161](#).
- Scanner base. See [Step 2: Remove the scanner base on page 164](#).

Step 2: Remove the power supply

1. Use a small flat-blade screwdriver to disconnect the power cable.

Figure 1-182 Remove the power supply (1 of 3)



2. Remove two screws (callout 1) from the side of the power supply.


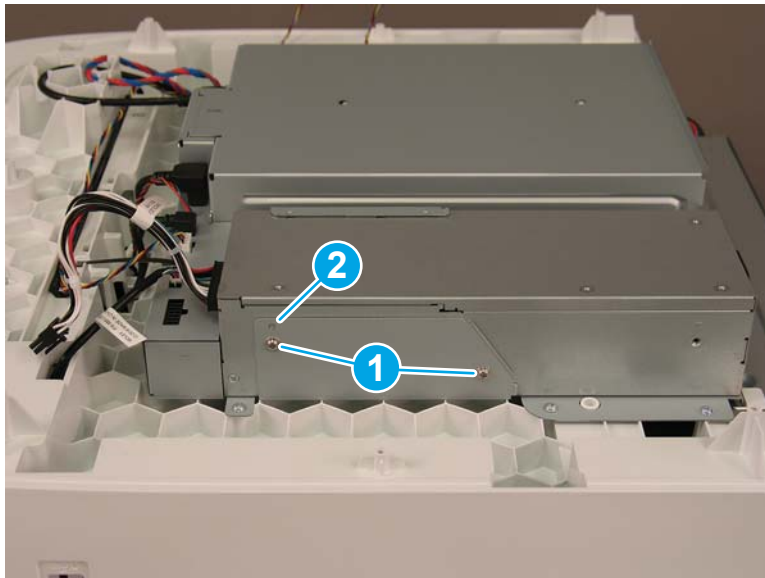
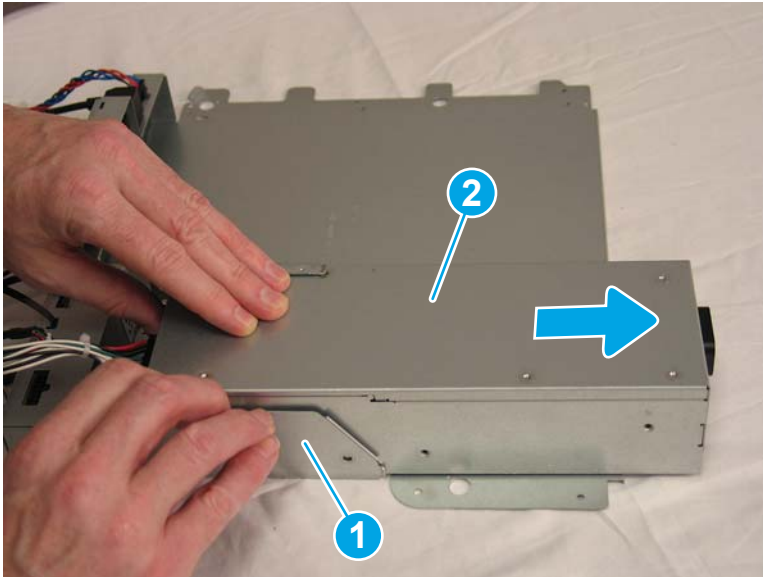
 **Reinstallation tip:** Note the alignment pin and slot (callout 2, above) directly above the screw closer to the scanner front. These are on both sides of the power supply. Verify that these are set correctly when installing the power supply.

Figure 1-183 Remove the power supply (2 of 3)



3. Slightly pull the sheet metal tab (callout 1), and then slide the power supply (callout 2) toward the back of the scanner to remove it.

Figure 1-184 Remove the power supply (3 of 3)





Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

Remove and replace: Cables

- [Introduction](#)

- [Step 1: Remove the following parts](#)
- [Step 2: Remove the cable](#)
- [Step 3: Unpack the replacement assembly](#)

Introduction

This document provides the procedures to remove and replace any of the following cables:

- Cable, FFC—Power Button
- Cable Bundle—Power Supply
- Cable, USB AF Panel Mount WTB (250 mm)
- Cable Bundle—CP Power
- Cable Bundle—ADF Power
- Cable—Scanner (HDMI)
- Cable—Control Panel (HDMI)
- Cable—HIP (USB)



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

Before performing service

- Disconnect the power cable.



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

Use the table below to identify the correct part number for your scanner. To order the part, go to www.hp.com/buy/parts

Cables part numbers	
L2762-60011	Cable, FFC—Power Button
L2762-60007	Cable Bundle—Power Supply
5851-7008	Cable, USB AF Panel Mount WTB (250 mm)
L2762-60009	Cable Bundle—CP Power
L2762-60008	Cable Bundle—ADF Power
L2762-60004	Cable—Scanner (HDMI)
L2762-60003	Cable—Control Panel (HDMI)
L2762-60006	Cable—HIP (USB)

Required tools

- #2 Phillips screwdriver with a magnetic tip
- T10 Torx screwdriver with a magnetic tip

After performing service

Turn the scanner power on

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

Post service test

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

Step 1: Remove the following parts

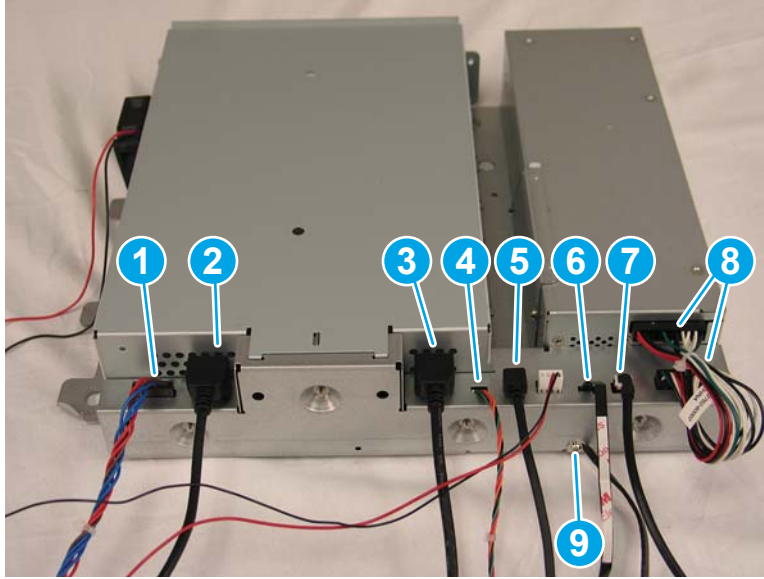
Remove the following parts:

- Rear cover. See [Step 1: Remove the rear cover on page 133](#).
- Dashboard. See [Step 1: Remove the dashboard on page 73](#).
- Control panel. See [Step 2: Remove the control panel on page 76](#).
- Keyboard. See [Step 2: Remove the keyboard on page 145](#).
- Document feeder. See [Step 2: Remove the document feeder on page 135](#).
- Nosecone. See [Step 2: Remove the nosecone on page 157](#).
- Flatbed scanner. See [Step 2: Remove the flatbed scanner on page 161](#).
- Scanner base. See [Step 2: Remove the scanner base on page 164](#).

Step 2: Remove the cable

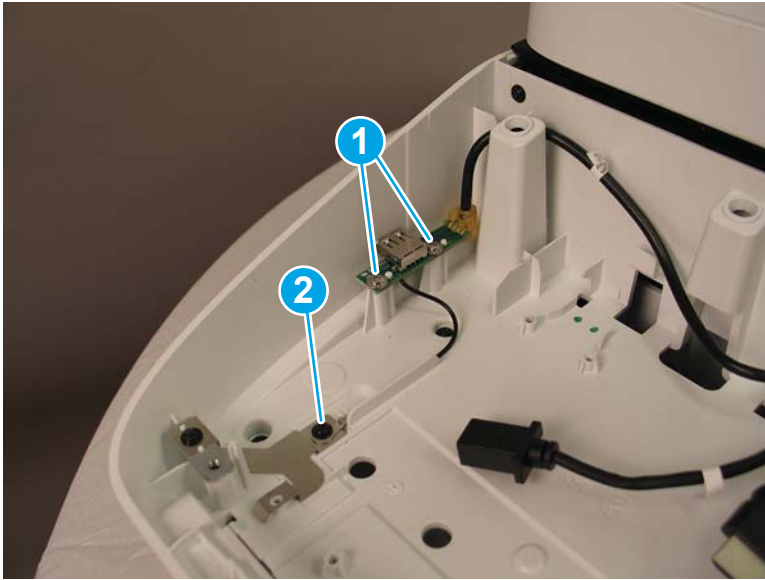
1. Disconnect any of the following cables from the scanner base.

Figure 1-185 Remove the cable



Item	Description
1	Scanner power cable
2	Scanner HDMI cable
3	Control panel HDMI cable
4	Control panel power cable
5	HIP USB cable
6	Power button FFC
7	Walk-up USB cable
8	Power supply cable
9	Braided ground strap cable

2. If you are removing the walk-up USB port cable, at the front of the scanner, remove two screws (callout 1), and then remove the ground wire screw (callout 2).



3. Unroute the cable from the scanner chassis, and then remove it from the scanner.



Step 3: Unpack the replacement assembly

1. Dispose of the defective part.


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

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


2. Unpack the replacement part from the packaging.

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

If the replacement part is a roller or pad, avoid touching the spongy part of it. Skin oils on the roller or pad can cause paper pickup and/or scan-quality problems. HP recommends using disposable gloves when handling rollers or pads or washing your hands before touching rollers or pads.

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

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

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

2 Parts and diagrams

- [Order parts and accessories](#)
- [Assembly locations](#)
- [How to use the parts lists and diagrams](#)
- [Parts and diagrams: 8500 fn2 assemblies](#)
- [Parts and diagrams: N9120 fn2 assemblies](#)
- [Alphabetical parts list](#)
- [Numerical parts list](#)

Order parts and accessories

Ordering

Table 2-1 How to order

Order accessories	www.hp.com
Order genuine HP parts or accessories	partsurfer.hp.com
Order through service or support providers	Contact an HP-authorized service or support provider.
Order using HP software	For information about using the HP software to order parts and accessories, see the product user guide.

Orderable parts

Not all of the parts shown in the diagrams in this chapter can be ordered. Refer to the table following the diagram or the parts lists at the end of this chapter to determine if a part is orderable.

Accessories part numbers

Item	Description	Part number
ADF Maintenance Kit	Maintenance kit for the ADF	J8J95A
HP 1 GB DDR 3 x 32 144-Pin 800 MHz SODIMM	Optional DIMM for expanding the memory	E5K48A
HP Jetdirect 2900nw Print Server	USB wireless print server accessory	J8031A
HP Smartcard US Govt Niprnet Solution	HP Access Control solutions (US government only)	CC543A
HP Universal USB Proximity Card Reader	HP Access Control solutions	X3D03A
HP LaserJet Danish/ French/German Overlays Keyboard	Language-specific, adhesive overlay for the physical keyboard (EMEA)	A7W13A
HP LaserJet Swedish Overlay Keyboard	Language-specific, adhesive overlay for the physical keyboard (EMEA)	A7W14A
HP Internal USB Ports	Two internal USB ports for connecting third-party devices	B5L28A
HP Secure High Performance Hard Disk Drive	Replacement hard disk drive	B5L29A

Customer self-repair parts

Customer Self-Repair (CSR) parts are available for many HP products to reduce repair time. More information about the CSR program and benefits can be found at www.hp.com/go/csr-support and www.hp.com/go/csr-faq.

Genuine HP replacement parts can be ordered at www.hp.com/buy/parts or by contacting an HP-authorized service or support provider. When ordering, one of the following will be needed: part number, serial number (found on back of product), product number, or product name.

Item	Description	Part number
Kit—300 ADF Maintenance	Document feeder roller kit. Includes one pickup-roller assembly and one separation assembly.	5851-7202

Item	Description	Part number
Kit—White Backing A4	Replacement document feeder white backing for 8500 fn2	5851-7206
Kit—White Backing A3	Replacement document feeder white backing for N9120 fn2	J7Z09-67926
Kit—Control Panel Centered	Touchscreen control panel	J7Z09-67928
Kit—SATA Module	Hard disk drive	L2762-60035
ISA Dashboard	Control panel dashboard cover for 8500 fn2	L2762-40003
Cover, Front Dashboard Left	Control panel dashboard cover for N9120 fn2	J7Z09-40007
Cover, HIP II	Cover for HIP	B5L46-40021
Label-Bundle Keyboard Overlay EMEA	Keyboard overlay	5851-6019 or 5851-5065
Keyboard Overlay Kit FR-CN, ES-LA, ES	Keyboard overlay	5851-6020 (NA)
Keyboard Overlay Kit FR-SW, DE-SW, DA	Keyboard overlay	5851-6021 (EMEA)
Keyboard Overlay Kit ZHTW, ZHCN	Keyboard overlay	5851-6022 (AP)
Keyboard Overlay Kit ES, PT	Keyboard overlay	5851-6023 (EMEA)
Keyboard Overlay Kit JA-KG, JA-KT	Keyboard overlay	5851-6024 (AP)
Overlay-Keyboard Chinese	Keyboard overlay	A7W12-67901
Overlay-Keyboard Sweden	Keyboard overlay	A7W14-67901
CORD, PWR,AC LINE,C13-DENMARK,1.5 m	Power cord	130627-010
CORD, PWR,AC LINE,C13-ITALY,1.5 m	Power cord	109197-010
CORD, PWR,AC LINE,C13-INDIA,1.5 m	Power cord	403440-003
CORD, PWR,AC LINE,C13-THAILAND,1.5 m	Power cord	285052-009
CORD, PWR,AC LINE,C13-EUROPE,1.5 m	Power cord	100614-011
CORD, PWR,AC LINE,C13-AUSTRALIA,1.5 m	Power cord	100661-016
CORD, PWR,AC LINE,C13-UK,1.5 m	Power cord	100613-016
CORD, PWR,AC LINE,C13-CHINA,1.5 m	Power cord	286496-017
CORD, PWR,AC LINE,C13-TAIWAN,1.5 m	Power cord	393312-005
CORD, PWR,AC LINE,C13-ARGENTINA,1.5 m	Power cord	401328-016
CORD, PWR,AC LINE,C13-SWISS,1.5 m	Power cord	150304-010
CORD, PWR,AC LINE,C13-NEMA,1.5 m	Power cord	121565-016
CORD, PWR,AC LINE,C13-S.AFRICA,1.5 m	Power cord	187487-008
CORD, PWR,AC LINE,C13-ISRAEL,1.5 m	Power cord	398062-007
CORD, PWR,AC LINE,C13-BRAZIL,1.5 m	Power cord	438723-005
ADF CLNSHET 10PK	Cleaning cloth	L2714-30001

Field Replaceable Units (FRUs)

Not all of the parts shown in the diagrams in this chapter can be ordered. Refer to the table following the diagram or the parts lists at the end of this chapter to determine if a part is orderable.

Item	Description	Part number
HP Dgtl Sender Flw 8500Fn2 US KB WU	Whole unit for 8500 fn2	L2762-69001
HP Dgtl Sender Flw 8500Fn2 US KB CN/IN	Whole unit for 8500 fn2	L2762-69002
HP Dgtl Sender Flw 8500Fn2 US KB Gsku	Whole unit for 8500 fn2	L2762-69003
HP Dgtl Sender Flw 8500Fn2 UK KB WU	Whole unit for 8500 fn2	L2762-69004
HP SJ Ent Flow N9120 fn2 US KB WU	Whole unit for N9120 fn2	L2763-69001
HP SJ Ent Flow N9120 fn2 US KB CN/IN	Whole unit for N9120 fn2	L2763-69002
HP SJ Ent Flow N9120 fn2 US KB Gsku	Whole unit for N9120 fn2	L2763-69003
HP SJ Ent Flow N9120 fn2 UK KB WU	Whole unit for N9120 fn2	L2763-69004
Kit—ADF Whole Unit Work Flow	Document feeder assembly for 8500 fn2	5851-7204
Kit—ADF Hinges	Document feeder hinges for 8500 fn2	5851-7205
Kit—ADF Whole Unit Work Flow	Document feeder assembly for N9120 fn2	J7Z09-67930
Kit—ADF Hinges	Document feeder hinges for N9120 fn2	J7Z09-67931
Assembly—Formatter and Tray	Formatter assembly with Nitro card	L2762-60031
Kit—SSA Top Level Flow	Scanner base kit with US keyboard for 8500 fn2	L2762-60036
Kit—SSA Top Level Flow Keyboard UK	Scanner base kit with UK keyboard for 8500 fn2	L2762-60043
Kit—Top Level SSA Workflow	Scanner kit with keyboard for N9120 fn2	L2763-60010
Kit—Integrated A3 Base	Scanner base kit without scanner flatbed or ADF for N9120 fn2	L2763-60011
Kit—Keyboard US English	Replacement keyboard	J7Z09-67909
Kit—Keyboard UK English	Replacement keyboard	J7Z09-67910
Assembly—Fan with cable and connector	Replacement fan	L2762-60017
ISA Base	Scanner base cover for 8500 fn2	L2762-40002
Cover—Scanner Tub Rear	Replacement rear (SCB) cover for 8500 fn2	J8J63-40001
Cover—A3 Rear Spacer	Replacement rear (SCB) cover for N9120 fn2	J7Z09-40028
215W 100V-240V Power Supply Assembly	Replacement power supply	L2762-60012
Kit—SCB Cage	Replacement SCB for 8500 fn2	L2762-60039
Assembly—SCB Cage Workflow	Replacement SCB for N9120 fn2	J7Z09-67908
Assembly—A3 Nosecone Left	Replacement nosecone section for N9120 fn2	J7Z09-60146
Kit—Power button	Replacement power button for 8500 fn2	L2762-60034
Kit—Power button	Power button kit for N9120 fn2	L2763-60012
FFC—Power button	Replacement power button FFC for 8500 fn2	L2762-60011
FFC—Power button	Replacement power button FFC for N9120 fn2	L2763-50001

Item	Description	Part number
Cable Bundle—Power Supply	Replacement power supply cable bundle	L2762-60007
Cable—USB AF Panel Mount WTB (250 mm)	Replacement walk-up USB cable mount for 8500 fn2	5851-7008
Cable—USB, walk up	Replacement walk-up USB cable mount for N9120 fn2	L2763-50004
Cable Bundle—CP Power	Replacement control panel power cable for 8500 fn2	L2762-60009
Cable, Discrete—CP Power	Replacement control panel power cable for N9120 fn2	L2763-50003
Cable Bundle—ADF Power	Replacement document feeder power cable	L2762-60008
Cable—Scanner (HDMI)	Replacement scanner HDMI cable	L2762-60004
Cable—Control Panel (HDMI)	Replacement control panel HDMI cable for 8500 fn2	L2762-60003
Cable—Control Panel (HDMI)	Replacement control panel HDMI cable for N9120 fn2	L2763-50002
Cable—HIP (USB)	Replacement HIP USB cable for 8500 fn2	L2762-60006
Cable—USB, HIP 2	Replacement HIP USB cable for N9120 fn2	L2763-50005
Cable—Ground Strap Braided	Replacement ground cable for N9120 fn2	L2763-50006
Screw—K30 x 1.34 x 9 mm	Replacement screw for 8500 fn2	0515-5865
SCR-MACH K30X1.34 9MM-LG TORX T10 ROHS	Replacement screw for N9120 fn2	0515-4556
Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	Replacement screw	5851-7246
M4 x 0.7 x 10 Thumb Screws	Replacement thumb screws	5851-0660
Screw—M4 x 15 Plastite-T20	Replacement screw for N9120 fn2	5851-2230

Related documentation and software

HP service personnel, go to the Web-based Interactive Search Engine (WISE) at <https://support.hp.com/wise/home>.

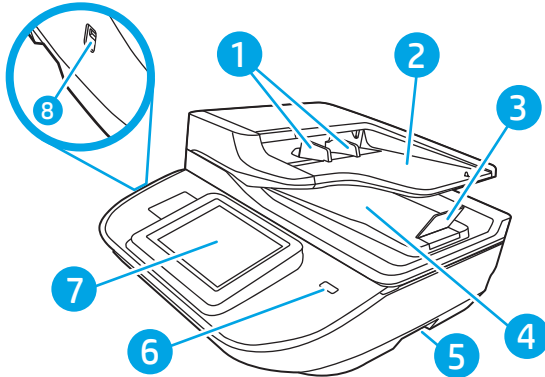
Channel partners, access training materials in the HP University and Partner Learning Center at <https://content.ext.hp.com/sites/LMS/HPU.page>.

Assembly locations

- [Product front view \(8500 fn2\)](#)
- [Product back view \(8500 fn2\)](#)
- [Product front view \(N9120 fn2\)](#)
- [Product back view \(N9120 fn2\)](#)

Product front view (8500 fn2)

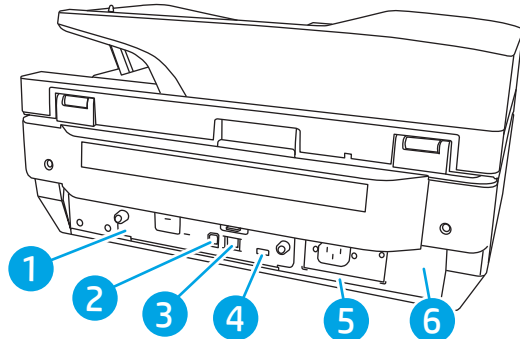
Figure 2-1 Product front view (8500 fn2)



Callout	Description
1	Paper guides
2	Document input tray
3	Output stopper
4	Document output tray
5	Handles
6	Power button
7	Control panel
8	Walk-up USB

Product back view (8500 fn2)

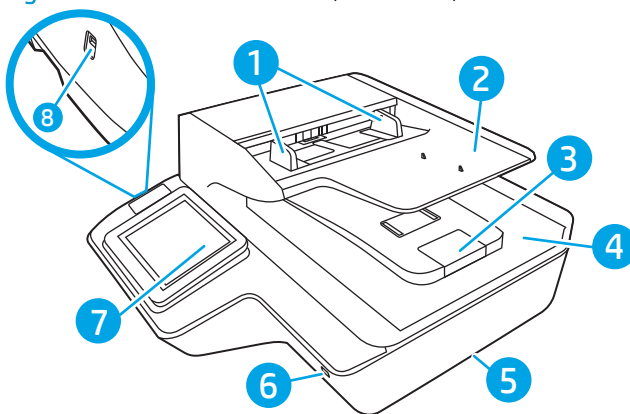
Figure 2-2 Product back view (8500 fn2)



Callout	Description
1	Formatter LED
2	Device USB port
3	LAN port
4	Host USB port
5	Power connector
6	Serial and product number location

Product front view (N9120 fn2)

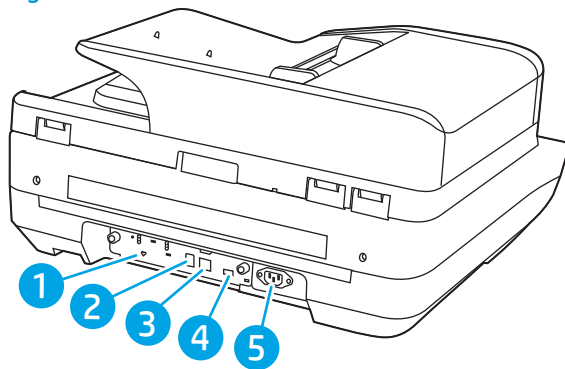
Figure 2-3 Product front view (N9120 fn2)



Callout	Description
1	Paper guides
2	Document input tray
3	Output stopper
4	Document output tray
5	Handles
6	Power button
7	Control panel
8	Walk-up USB

Product back view (N9120 fn2)

Figure 2-4 Product back view (N9120 fn2)



Callout	Description
1	Formatter LED
2	Device USB port
3	LAN port
4	Host USB port
5	Power connector, serial and product number location

How to use the parts lists and diagrams

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).

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 in the description column. Doing so will ensure 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.

Parts and diagrams: 8500 fn2 assemblies

Figure 2-5 Product assemblies—8500 fn2 (1 of 2)

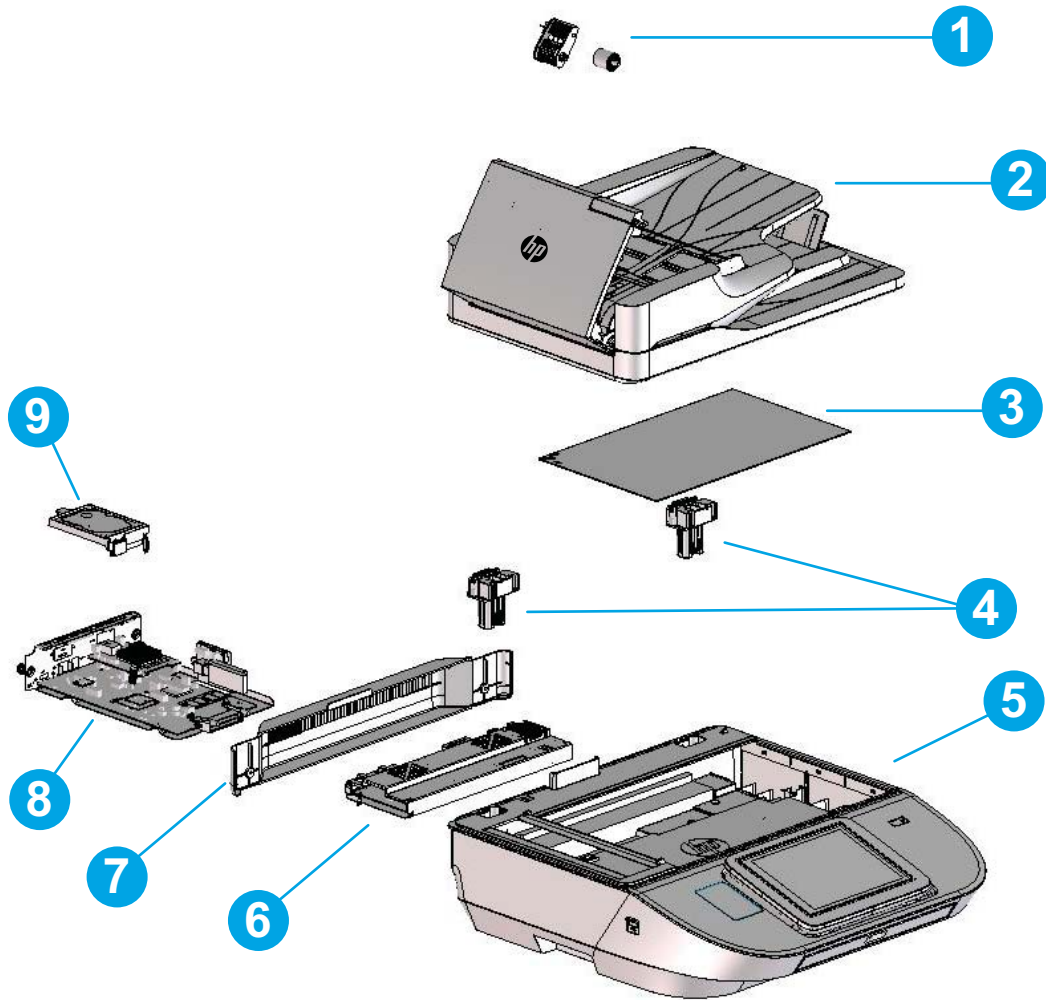


Table 2-2 Product assemblies—8500 fn2 (1 of 2)

Ref	Description	Part number	Qty
1	Kit—300 ADF Maintenance (roller kit)	5851-7202	1
2	Kit—ADF Whole Unit	5851-7204	1
3	Kit—White Backing A4	5851-7206	1
4	Kit—ADF Hinge	5851-7205	1
5	Kit—SSA Top Level Flow	L2762-60036	1
5	Kit—SSA Top Level Flow UK Keyboard	L2762-60043	1
6	Kit—SCB Cage	L2762-60039	1
7	Cover—Scanner Tub Rear	J8J63-40001	1
8	Assembly—Formatter and tray without HDD	L2762-60031	1
9	Kit—SATA Module (hard disk drive)	L2762-60035	1
Not shown	HP Digital Sender Flow 8500 fn2 US KB WU (whole unit)	L2762-69001	1
Not shown	HP Digital Sender Flow 8500 fn2 US KB CN/IN (whole unit)	L2762-69002	1
Not shown	HP Digital Sender Flow 8500 fn2 US KB Gsku (whole unit)	L2762-69003	1
Not shown	HP Digital Sender Flow 8500 fn2 UK KB WU (whole unit)	L2762-69004	1
Not shown	CORD, PWR,AC LINE,C13-DENMARK,1.5m (power cord)	130627-010	1
Not shown	CORD, PWR,AC LINE,C13-ITALY,1.5m	109197-010	1
Not shown	CORD, PWR,AC LINE,C13-INDIA,1.5m	403440-003	1
Not shown	CORD, PWR,AC LINE,C13-THAILAND,1.5m	285052-009	1
Not shown	CORD, PWR,AC LINE,C13-EUROPE,1.5m	100614-011	1
Not shown	CORD, PWR,AC LINE,C13-AUSTRALIA,1.5m	100661-016	1
Not shown	CORD, PWR,AC LINE,C13-UK,1.5m	100613-016	1
Not shown	CORD, PWR,AC LINE,C13-CHINA,1.5m	286496-017	1
Not shown	CORD, PWR,AC LINE,C13-TAIWAN,1.5m	393312-005	1
Not shown	CORD, PWR,AC LINE,C13-ARGENTINA,1.5m	401328-016	1
Not shown	CORD, PWR,AC LINE,C13-SWISS,1.5m	150304-010	1
Not shown	CORD, PWR,AC LINE,C13-NEMA,1.5m	121565-016	1
Not shown	CORD, PWR,AC LINE,C13-S.AFRICA,1.5m	187487-008	1
Not shown	CORD, PWR,AC LINE,C13-ISRAEL,1.5m	398062-007	1
Not shown	CORD, PWR,AC LINE,C13-BRAZIL,1.5m	438723-005	1

Figure 2-6 Product assemblies—8500 fn2 (2 of 2)

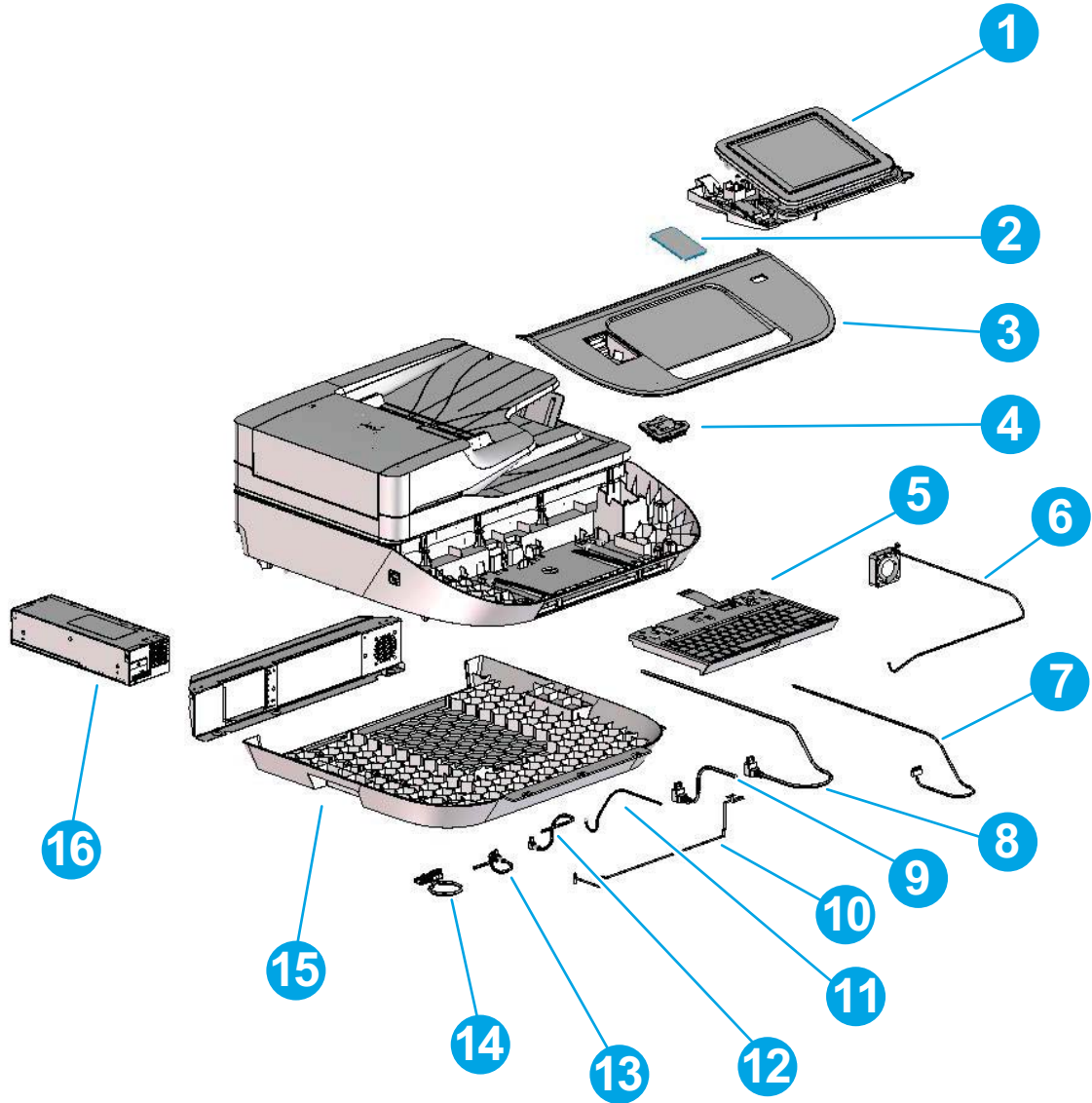


Table 2-3 Product assemblies—8500 fn2 (2 of 2)

Ref	Description	Part number	Qty
1	Kit—Control Panel Centered	J7Z09-67928	1
2	Cover—HIP II	B5L46-40021	1
3	ISA Dashboard	L2762-40003	1
4	Kit—Power Button	L2762-60034	1
5	Kit—Keyboard US English	L2762-60037	1
5	Kit—Keyboard UK English	L2762-60038	1
6	Assembly—Fan with cable and connector	L2762-60017	1
7	Cable Bundle—ADF Power	L2762-60008	1
8	Cable—Scanner (HDMI)	L2762-60004	1
9	Cable—Control Panel (HDMI)	L2762-60003	1
10	FFC—Power Button	L2762-60011	1
11	Cable Bundle—Control Panel Power	L2762-60009	1
12	Cable—HIP (USB)	L2762-60006	1
13	Cable—USB AF Panel Mount WTB (250mm)	5851-7008	1
14	Cable Bundle—Power Supply	L2762-60007	1
15	ISA Base	L2762-40002	1
16	Assembly—215W 100V-240V Power Supply	L2762-60012	1
Not shown	Bundle—Keyboard Overlay EMEA	5851-6019 or 5851-5065	1
Not shown	Keyboard Overlay Kit FR-CN, ES-LA, ES	5851-6020 (NA)	1
Not shown	Keyboard Overlay Kit FR-SW, DE-SW, DA	5851-6021 (EMEA)	1
Not shown	Keyboard Overlay Kit ZHTW, ZHCN	5851-6022 (AP)	1
Not shown	Keyboard Overlay Kit ES, PT	5851-6023 (EMEA)	1
Not shown	Keyboard Overlay Kit JA-KG, JA-KT	5851-6024 (AP)	1
Not shown	Overlay—Keyboard Chinese	A7W12-67901	1
Not shown	Overlay—Keyboard Sweden	A7W14-67901	1
Not shown	Screw—K30 X 1.34 X 9 mm	0515-5865	1
Not shown	Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	5851-7246	1
Not shown	M4 X 0.7 X 10 Thumb Screws	5851-0660	1

Parts and diagrams: N9120 fn2 assemblies

Figure 2-7 Product assemblies—N9120 fn2 (1 of 2)

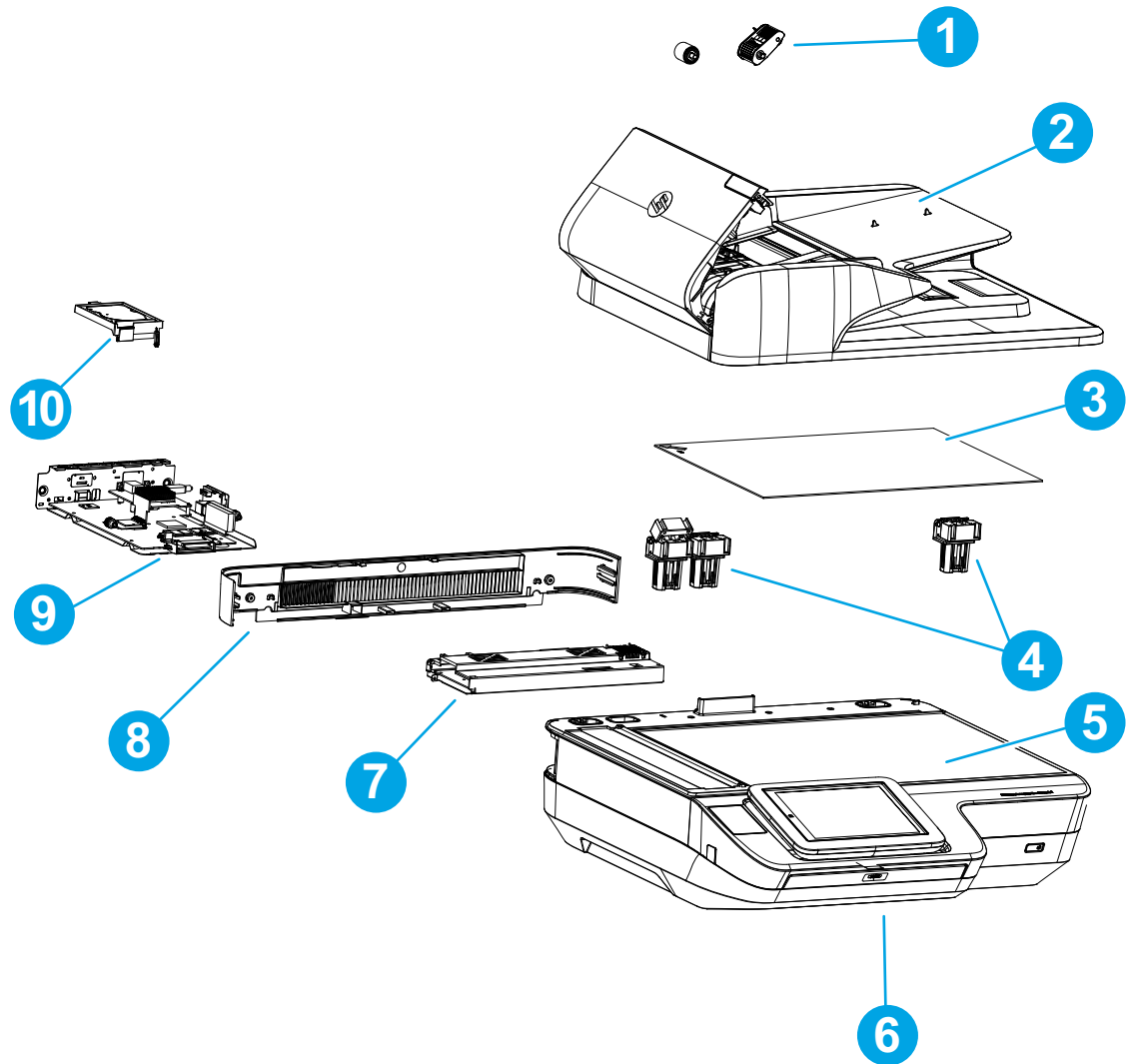


Table 2-4 Product assemblies—N9120 fn2 (1 of 2)

Ref	Description	Part number	Qty
1	Kit—300 ADF Maintenance (roller kit)	5851-7202	1
2	Kit—ADF Whole Unit Work Flow	J7Z09-67930	1
3	Kit—White Backing A3	J7Z09-67926	1
4	Kit—ADF Hinges	J7Z09-67931	1
5	Kit—Top-Level SSA Workflow	L2763-60010	1
6	Kit—Integrated A3 Base	L2763-60011	1
7	Assembly—SCB Cage Workflow	J7Z09-67908	1
8	Cover—A3 Rear Spacer	J7Z09-40028	1
9	Assembly—Formatter and tray without HDD	L2762-60031	1
10	Kit—SATA Module (hard disk drive)	L2762-60035	1
Not shown	HP Digital Sender Flow N9120 fn2 US KB WU (whole unit)	L2763-69001	1
Not shown	HP Digital Sender Flow N9120 fn2 US KB CN/IN (whole unit)	L2763-69002	1
Not shown	HP Digital Sender Flow N9120 fn2 US KB Gsku (whole unit)	L2763-69003	1
Not shown	HP Digital Sender Flow N9120 fn2 UK KB WU (whole unit)	L2763-69004	1
Not shown	CORD, PWR,AC LINE,C13-DENMARK,1.5m (power cord)	130627-010	1
Not shown	CORD, PWR,AC LINE,C13-ITALY,1.5m	109197-010	1
Not shown	CORD, PWR,AC LINE,C13-INDIA,1.5m	403440-003	1
Not shown	CORD, PWR,AC LINE,C13-THAILAND,1.5m	285052-009	1
Not shown	CORD, PWR,AC LINE,C13-EUROPE,1.5m	100614-011	1
Not shown	CORD, PWR,AC LINE,C13-AUSTRALIA,1.5m	100661-016	1
Not shown	CORD, PWR,AC LINE,C13-UK,1.5m	100613-016	1
Not shown	CORD, PWR,AC LINE,C13-CHINA,1.5m	286496-017	1
Not shown	CORD, PWR,AC LINE,C13-TAIWAN,1.5m	393312-005	1
Not shown	CORD, PWR,AC LINE,C13-ARGENTINA,1.5m	401328-016	1
Not shown	CORD, PWR,AC LINE,C13-SWISS,1.5m	150304-010	1
Not shown	CORD, PWR,AC LINE,C13-NEMA,1.5m	121565-016	1
Not shown	CORD, PWR,AC LINE,C13-S.AFRICA,1.5m	187487-008	1
Not shown	CORD, PWR,AC LINE,C13-ISRAEL,1.5m	398062-007	1
Not shown	CORD, PWR,AC LINE,C13-BRAZIL,1.5m	438723-005	1

Figure 2-8 Product assemblies—N9120 fn2 (2 of 2)

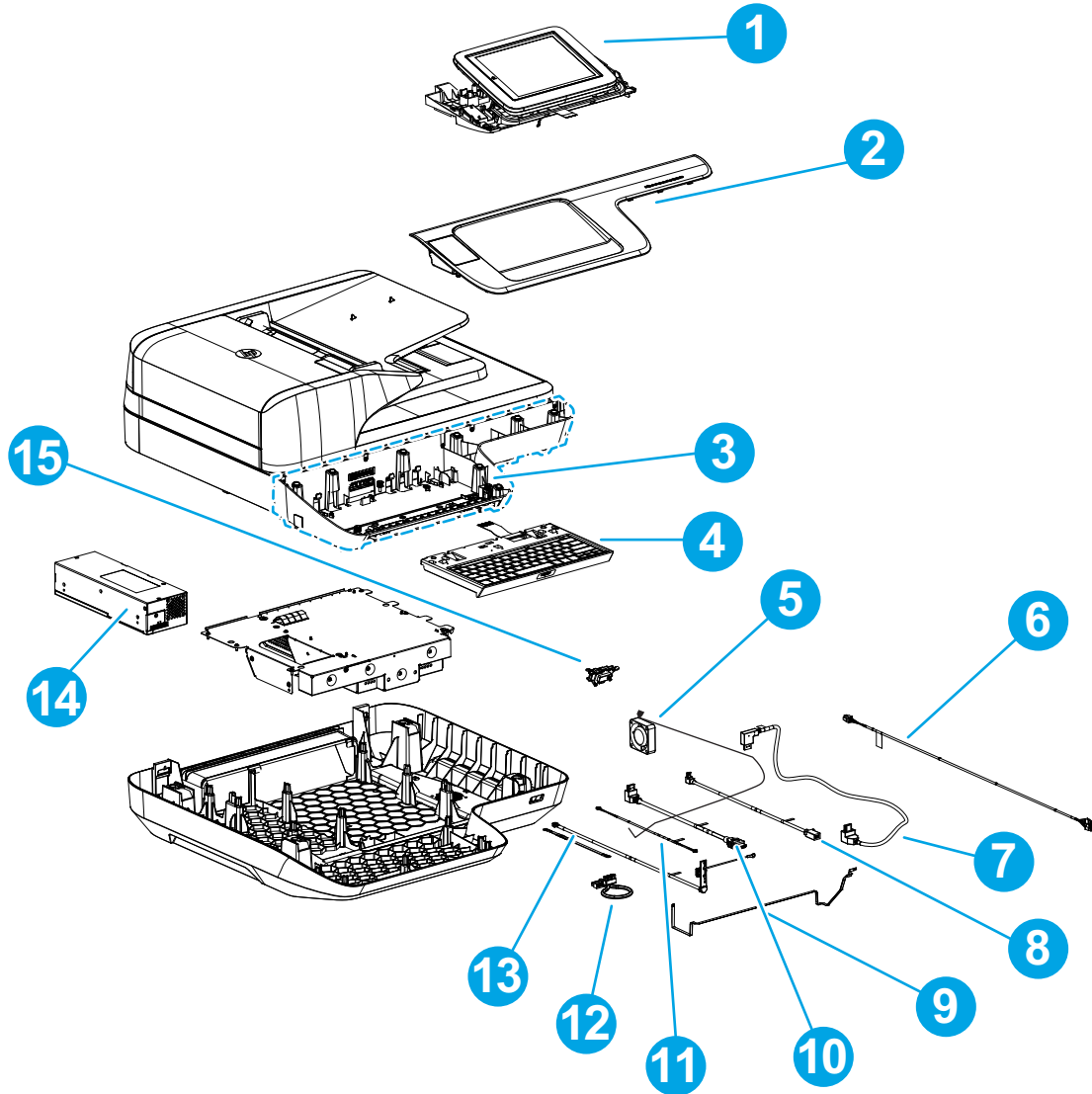


Table 2-5 Product assemblies—N9120 fn2 (2 of 2)

Ref	Description	Part number	Qty
1	Kit—Control Panel Centered	J7Z09-67928	1
2	Assembly—Front Dashboard Left	L2763-60006	1
3	Assembly—A3 Nosecone Left	J7Z09-60146	1
4	Kit—Keyboard US English	J7Z09-67909	1
4	Kit—Keyboard UK English	J7Z09-67910	1
5	Assembly—Fan with cable and connector	L2762-60017	1
6	Cable Bundle—ADF Power	L2762-60008	1
7	Cable—HIP (USB)	L2763-50005	1
8	Cable—Scanner (HDMI)	L2762-60004	1
9	FFC—Power Button	L2763-50001	1
10	Cable—Control Panel (HDMI)	L2763-50002	1
11	Cable Bundle—Control Panel Power	L2763-50003	1
12	Cable Bundle—Power Supply	L2762-60007	1
13	Cable—USB Walk-up	L2763-50004	1
14	Assembly—215W 100V-240V Power Supply	L2762-60012	1
15	Kit—Power Button	L2763-60012	1
Not shown	Cable—Ground Strap, Braided	L2763-50006	1
Not shown	Bundle—Keyboard Overlay EMEA	5851-6019 or 5851-5065	1
Not shown	Keyboard Overlay Kit FR-CN, ES-LA, ES	5851-6020 (NA)	1
Not shown	Keyboard Overlay Kit FR-SW, DE-SW, DA	5851-6021 (EMEA)	1
Not shown	Keyboard Overlay Kit ZHTW, ZHCN	5851-6022 (AP)	1
Not shown	Keyboard Overlay Kit ES, PT	5851-6023 (EMEA)	1
Not shown	Keyboard Overlay Kit JA-KG, JA-KT	5851-6024 (AP)	1
Not shown	Overlay—Keyboard Chinese	A7W12-67901	1
Not shown	Overlay—Keyboard Sweden	A7W14-67901	1
Not shown	Screw—MACH K30X1.34 9MM-LG TORX T-10 ROHS	0515-4556	1
Not shown	Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	5851-7246	1
Not shown	M4 X 0.7 X 10 Thumb Screws	5851-0660	1
Not shown	Screw—M4X15 Plastite-T20	5851-2230	1

Alphabetical parts list

Table 2-6 Alphabetical parts list

Description	Part number	Table and page
Assembly—215W 100V-240V Power Supply	L2762-60012	Product assemblies—8500 fn2 (2 of 2) on page 191
Assembly—215W 100V-240V Power Supply	L2762-60012	Product assemblies—N9120 fn2 (2 of 2) on page 195
Assembly—A3 Nosecone Left	J7Z09-60146	Product assemblies—N9120 fn2 (2 of 2) on page 195
Assembly—Fan with cable and connector	L2762-60017	Product assemblies—8500 fn2 (2 of 2) on page 191
Assembly—Fan with cable and connector	L2762-60017	Product assemblies—N9120 fn2 (2 of 2) on page 195
Assembly—Formatter and tray without HDD	L2762-60031	Product assemblies—8500 fn2 (1 of 2) on page 189
Assembly—Formatter and tray without HDD	L2762-60031	Product assemblies—N9120 fn2 (1 of 2) on page 193
Assembly—Front Dashboard Left	L2763-60006	Product assemblies—N9120 fn2 (2 of 2) on page 195
Assembly—SCB Cage Workflow	J7Z09-67908	Product assemblies—N9120 fn2 (1 of 2) on page 193
Bundle—Keyboard Overlay EMEA	5851-6019 or 5851-5065	Product assemblies—8500 fn2 (2 of 2) on page 191
Bundle—Keyboard Overlay EMEA	5851-6019 or 5851-5065	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable Bundle—ADF Power	L2762-60008	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable Bundle—ADF Power	L2762-60008	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable Bundle—Control Panel Power	L2762-60009	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable Bundle—Control Panel Power	L2763-50003	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable Bundle—Power Supply	L2762-60007	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable Bundle—Power Supply	L2762-60007	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable—Control Panel (HDMI)	L2762-60003	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable—Control Panel (HDMI)	L2763-50002	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable—Ground Strap, Braided	L2763-50006	Product assemblies—N9120 fn2 (2 of 2) on page 195

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
Cable—HIP (USB)	L2762-60006	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable—HIP (USB)	L2763-50005	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable—Scanner (HDMI)	L2762-60004	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable—Scanner (HDMI)	L2762-60004	Product assemblies—N9120 fn2 (2 of 2) on page 195
Cable—USB AF Panel Mount WTB (250mm)	5851-7008	Product assemblies—8500 fn2 (2 of 2) on page 191
Cable—USB Walk-up	L2763-50004	Product assemblies—N9120 fn2 (2 of 2) on page 195
CORD, PWR,AC LINE,C13-ARGENTINA,1.5m	401328-016	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-ARGENTINA,1.5m	401328-016	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-AUSTRALIA,1.5m	100661-016	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-AUSTRALIA,1.5m	100661-016	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-BRAZIL,1.5m	438723-005	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-BRAZIL,1.5m	438723-005	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-CHINA,1.5m	286496-017	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-CHINA,1.5m	286496-017	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-DENMARK,1.5m (power cord)	130627-010	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-DENMARK,1.5m (power cord)	130627-010	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-EUROPE,1.5m	100614-011	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-EUROPE,1.5m	100614-011	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-INDIA,1.5m	403440-003	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-INDIA,1.5m	403440-003	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-ISRAEL,1.5m	398062-007	Product assemblies—8500 fn2 (1 of 2) on page 189

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
CORD, PWR,AC LINE,C13-ISRAEL,1.5m	398062-007	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-ITALY,1.5m	109197-010	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-ITALY,1.5m	109197-010	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-NEMA,1.5m	121565-016	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-NEMA,1.5m	121565-016	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-S.AFRICA,1.5m	187487-008	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-S.AFRICA,1.5m	187487-008	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-SWISS,1.5m	150304-010	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-SWISS,1.5m	150304-010	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-TAIWAN,1.5m	393312-005	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-TAIWAN,1.5m	393312-005	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-THAILAND,1.5m	285052-009	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-THAILAND,1.5m	285052-009	Product assemblies—N9120 fn2 (1 of 2) on page 193
CORD, PWR,AC LINE,C13-UK,1.5m	100613-016	Product assemblies—8500 fn2 (1 of 2) on page 189
CORD, PWR,AC LINE,C13-UK,1.5m	100613-016	Product assemblies—N9120 fn2 (1 of 2) on page 193
Cover—A3 Rear Spacer	J7Z09-40028	Product assemblies—N9120 fn2 (1 of 2) on page 193
Cover—HIP II	B5L46-40021	Product assemblies—8500 fn2 (2 of 2) on page 191
Cover—Scanner Tub Rear	J8J63-40001	Product assemblies—8500 fn2 (1 of 2) on page 189
FFC—Power Button	L2762-60011	Product assemblies—8500 fn2 (2 of 2) on page 191
FFC—Power Button	L2763-50001	Product assemblies—N9120 fn2 (2 of 2) on page 195
HP Digital Sender Flow 8500 fn2 UK KB WU (whole unit)	L2762-69004	Product assemblies—8500 fn2 (1 of 2) on page 189

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
HP Digital Sender Flow 8500 fn2 US KB CN/IN (whole unit)	L2762-69002	Product assemblies—8500 fn2 (1 of 2) on page 189
HP Digital Sender Flow 8500 fn2 US KB Gsku (whole unit)	L2762-69003	Product assemblies—8500 fn2 (1 of 2) on page 189
HP Digital Sender Flow 8500 fn2 US KB WU (whole unit)	L2762-69001	Product assemblies—8500 fn2 (1 of 2) on page 189
HP Digital Sender Flow N9120 fn2 UK KB WU (whole unit)	L2763-69004	Product assemblies—N9120 fn2 (1 of 2) on page 193
HP Digital Sender Flow N9120 fn2 US KB CN/IN (whole unit)	L2763-69002	Product assemblies—N9120 fn2 (1 of 2) on page 193
HP Digital Sender Flow N9120 fn2 US KB Gsku (whole unit)	L2763-69003	Product assemblies—N9120 fn2 (1 of 2) on page 193
HP Digital Sender Flow N9120 fn2 US KB WU (whole unit)	L2763-69001	Product assemblies—N9120 fn2 (1 of 2) on page 193
ISA Base	L2762-40002	Product assemblies—8500 fn2 (2 of 2) on page 191
ISA Dashboard	L2762-40003	Product assemblies—8500 fn2 (2 of 2) on page 191
Keyboard Overlay Kit ES, PT	5851-6023 (EMEA)	Product assemblies—8500 fn2 (2 of 2) on page 191
Keyboard Overlay Kit ES, PT	5851-6023 (EMEA)	Product assemblies—N9120 fn2 (2 of 2) on page 195
Keyboard Overlay Kit FR-CN, ES-LA, ES	5851-6020 (NA)	Product assemblies—8500 fn2 (2 of 2) on page 191
Keyboard Overlay Kit FR-CN, ES-LA, ES	5851-6020 (NA)	Product assemblies—N9120 fn2 (2 of 2) on page 195
Keyboard Overlay Kit FR-SW, DE-SW, DA	5851-6021 (EMEA)	Product assemblies—8500 fn2 (2 of 2) on page 191
Keyboard Overlay Kit FR-SW, DE-SW, DA	5851-6021 (EMEA)	Product assemblies—N9120 fn2 (2 of 2) on page 195
Keyboard Overlay Kit JA-KG, JA-KT	5851-6024 (AP)	Product assemblies—8500 fn2 (2 of 2) on page 191
Keyboard Overlay Kit JA-KG, JA-KT	5851-6024 (AP)	Product assemblies—N9120 fn2 (2 of 2) on page 195
Keyboard Overlay Kit ZHTW, ZHCN	5851-6022 (AP)	Product assemblies—8500 fn2 (2 of 2) on page 191
Keyboard Overlay Kit ZHTW, ZHCN	5851-6022 (AP)	Product assemblies—N9120 fn2 (2 of 2) on page 195
Kit—300 ADF Maintenance (roller kit)	5851-7202	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—300 ADF Maintenance (roller kit)	5851-7202	Product assemblies—N9120 fn2 (1 of 2) on page 193

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
Kit—ADF Hinge	5851-7205	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—ADF Hinges	J7Z09-67931	Product assemblies—N9120 fn2 (1 of 2) on page 193
Kit—ADF Whole Unit	5851-7204	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—ADF Whole Unit Work Flow	J7Z09-67930	Product assemblies—N9120 fn2 (1 of 2) on page 193
Kit—Control Panel Centered	J7Z09-67928	Product assemblies—8500 fn2 (2 of 2) on page 191
Kit—Control Panel Centered	J7Z09-67928	Product assemblies—N9120 fn2 (2 of 2) on page 195
Kit—Integrated A3 Base	L2763-60011	Product assemblies—N9120 fn2 (1 of 2) on page 193
Kit—Keyboard UK English	L2762-60038	Product assemblies—8500 fn2 (2 of 2) on page 191
Kit—Keyboard UK English	J7Z09-67910	Product assemblies—N9120 fn2 (2 of 2) on page 195
Kit—Keyboard US English	L2762-60037	Product assemblies—8500 fn2 (2 of 2) on page 191
Kit—Keyboard US English	J7Z09-67909	Product assemblies—N9120 fn2 (2 of 2) on page 195
Kit—Power Button	L2762-60034	Product assemblies—8500 fn2 (2 of 2) on page 191
Kit—Power Button	L2763-60012	Product assemblies—N9120 fn2 (2 of 2) on page 195
Kit—SATA Module (hard disk drive)	L2762-60035	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—SATA Module (hard disk drive)	L2762-60035	Product assemblies—N9120 fn2 (1 of 2) on page 193
Kit—SCB Cage	L2762-60039	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—SSA Top Level Flow	L2762-60036	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—SSA Top Level Flow UK Keyboard	L2762-60043	Product assemblies—8500 fn2 (1 of 2) on page 189
Kit—Top-Level SSA Workflow	L2763-60010	Product assemblies—N9120 fn2 (1 of 2) on page 193
Kit—White Backing A3	J7Z09-67926	Product assemblies—N9120 fn2 (1 of 2) on page 193
Kit—White Backing A4	5851-7206	Product assemblies—8500 fn2 (1 of 2) on page 189

Table 2-6 Alphabetical parts list (continued)

Description	Part number	Table and page
M4 X 0.7 X 10 Thumb Screws	5851-0660	Product assemblies—8500 fn2 (2 of 2) on page 191
M4 X 0.7 X 10 Thumb Screws	5851-0660	Product assemblies—N9120 fn2 (2 of 2) on page 195
Overlay-Keyboard Chinese	A7W12-67901	Product assemblies—8500 fn2 (2 of 2) on page 191
Overlay-Keyboard Chinese	A7W12-67901	Product assemblies—N9120 fn2 (2 of 2) on page 195
Overlay-Keyboard Sweden	A7W14-67901	Product assemblies—8500 fn2 (2 of 2) on page 191
Overlay-Keyboard Sweden	A7W14-67901	Product assemblies—N9120 fn2 (2 of 2) on page 195
Screw—K30 X 1.34 X 9 mm	0515-5865	Product assemblies—8500 fn2 (2 of 2) on page 191
Screw—M4X15 Plastite-T20	5851-2230	Product assemblies—N9120 fn2 (2 of 2) on page 195
Screw—MACH K30X1.34 9MM-LG TORX T-10 ROHS	0515-4556	Product assemblies—N9120 fn2 (2 of 2) on page 195
Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	5851-7246	Product assemblies—8500 fn2 (2 of 2) on page 191
Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	5851-7246	Product assemblies—N9120 fn2 (2 of 2) on page 195

Numerical parts list

Table 2-7 Numerical parts list

Part number	Description	Table and page
0515-4556	Screw—MACH K30X1.34 9MM-LG TORX T-10 ROHS	Product assemblies—N9120 fn2 (2 of 2) on page 195
0515-5865	Screw—K30 X 1.34 X 9 mm	Product assemblies—8500 fn2 (2 of 2) on page 191
100613-016	CORD, PWR,AC LINE,C13-UK,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
100613-016	CORD, PWR,AC LINE,C13-UK,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
100614-011	CORD, PWR,AC LINE,C13-EUROPE,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
100614-011	CORD, PWR,AC LINE,C13-EUROPE,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
100661-016	CORD, PWR,AC LINE,C13-AUSTRALIA,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
100661-016	CORD, PWR,AC LINE,C13-AUSTRALIA,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
109197-010	CORD, PWR,AC LINE,C13-ITALY,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
109197-010	CORD, PWR,AC LINE,C13-ITALY,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
121565-016	CORD, PWR,AC LINE,C13-NEMA,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
121565-016	CORD, PWR,AC LINE,C13-NEMA,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
130627-010	CORD, PWR,AC LINE,C13-DENMARK,1.5m (power cord)	Product assemblies—8500 fn2 (1 of 2) on page 189
130627-010	CORD, PWR,AC LINE,C13-DENMARK,1.5m (power cord)	Product assemblies—N9120 fn2 (1 of 2) on page 193
150304-010	CORD, PWR,AC LINE,C13-SWISS,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
150304-010	CORD, PWR,AC LINE,C13-SWISS,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
187487-008	CORD, PWR,AC LINE,C13-S.AFRICA,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
187487-008	CORD, PWR,AC LINE,C13-S.AFRICA,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
285052-009	CORD, PWR,AC LINE,C13-THAILAND,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
285052-009	CORD, PWR,AC LINE,C13-THAILAND,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193

Table 2-7 Numerical parts list (continued)

Part number	Description	Table and page
286496-017	CORD, PWR,AC LINE,C13-CHINA,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
286496-017	CORD, PWR,AC LINE,C13-CHINA,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
393312-005	CORD, PWR,AC LINE,C13-TAIWAN,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
393312-005	CORD, PWR,AC LINE,C13-TAIWAN,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
398062-007	CORD, PWR,AC LINE,C13-ISRAEL,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
398062-007	CORD, PWR,AC LINE,C13-ISRAEL,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
401328-016	CORD, PWR,AC LINE,C13-ARGENTINA,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
401328-016	CORD, PWR,AC LINE,C13-ARGENTINA,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
403440-003	CORD, PWR,AC LINE,C13-INDIA,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
403440-003	CORD, PWR,AC LINE,C13-INDIA,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
438723-005	CORD, PWR,AC LINE,C13-BRAZIL,1.5m	Product assemblies—8500 fn2 (1 of 2) on page 189
438723-005	CORD, PWR,AC LINE,C13-BRAZIL,1.5m	Product assemblies—N9120 fn2 (1 of 2) on page 193
5851-0660	M4 X 0.7 X 10 Thumb Screws	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-0660	M4 X 0.7 X 10 Thumb Screws	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-2230	Screw—M4X15 Plastite-T20	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-6019 or 5851-5065	Bundle—Keyboard Overlay EMEA	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-6019 or 5851-5065	Bundle—Keyboard Overlay EMEA	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-6020 (NA)	Keyboard Overlay Kit FR-CN, ES-LA, ES	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-6020 (NA)	Keyboard Overlay Kit FR-CN, ES-LA, ES	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-6021 (EMEA)	Keyboard Overlay Kit FR-SW, DE-SW, DA	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-6021 (EMEA)	Keyboard Overlay Kit FR-SW, DE-SW, DA	Product assemblies—N9120 fn2 (2 of 2) on page 195

Table 2-7 Numerical parts list (continued)

Part number	Description	Table and page
5851-6022 (AP)	Keyboard Overlay Kit ZHTW, ZHCN	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-6022 (AP)	Keyboard Overlay Kit ZHTW, ZHCN	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-6023 (EMEA)	Keyboard Overlay Kit ES, PT	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-6023 (EMEA)	Keyboard Overlay Kit ES, PT	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-6024 (AP)	Keyboard Overlay Kit JA-KG, JA-KT	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-6024 (AP)	Keyboard Overlay Kit JA-KG, JA-KT	Product assemblies—N9120 fn2 (2 of 2) on page 195
5851-7008	Cable—USB AF Panel Mount WTB (250mm)	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-7202	Kit—300 ADF Maintenance (roller kit)	Product assemblies—8500 fn2 (1 of 2) on page 189
5851-7202	Kit—300 ADF Maintenance (roller kit)	Product assemblies—N9120 fn2 (1 of 2) on page 193
5851-7204	Kit—ADF Whole Unit	Product assemblies—8500 fn2 (1 of 2) on page 189
5851-7205	Kit—ADF Hinge	Product assemblies—8500 fn2 (1 of 2) on page 189
5851-7206	Kit—White Backing A4	Product assemblies—8500 fn2 (1 of 2) on page 189
5851-7246	Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	Product assemblies—8500 fn2 (2 of 2) on page 191
5851-7246	Screw—THD RLG Assy M3X0.5 6MM LGROHS T10	Product assemblies—N9120 fn2 (2 of 2) on page 195
A7W12-67901	Overlay-Keyboard Chinese	Product assemblies—8500 fn2 (2 of 2) on page 191
A7W12-67901	Overlay-Keyboard Chinese	Product assemblies—N9120 fn2 (2 of 2) on page 195
A7W14-67901	Overlay-Keyboard Sweden	Product assemblies—8500 fn2 (2 of 2) on page 191
A7W14-67901	Overlay-Keyboard Sweden	Product assemblies—N9120 fn2 (2 of 2) on page 195
B5L46-40021	Cover—HIP II	Product assemblies—8500 fn2 (2 of 2) on page 191
J7Z09-40028	Cover—A3 Rear Spacer	Product assemblies—N9120 fn2 (1 of 2) on page 193
J7Z09-60146	Assembly—A3 Nosecone Left	Product assemblies—N9120 fn2 (2 of 2) on page 195

Table 2-7 Numerical parts list (continued)

Part number	Description	Table and page
J7Z09-67908	Assembly—SCB Cage Workflow	Product assemblies—N9120 fn2 (1 of 2) on page 193
J7Z09-67909	Kit—Keyboard US English	Product assemblies—N9120 fn2 (2 of 2) on page 195
J7Z09-67910	Kit—Keyboard UK English	Product assemblies—N9120 fn2 (2 of 2) on page 195
J7Z09-67926	Kit—White Backing A3	Product assemblies—N9120 fn2 (1 of 2) on page 193
J7Z09-67928	Kit—Control Panel Centered	Product assemblies—8500 fn2 (2 of 2) on page 191
J7Z09-67928	Kit—Control Panel Centered	Product assemblies—N9120 fn2 (2 of 2) on page 195
J7Z09-67930	Kit—ADF Whole Unit Work Flow	Product assemblies—N9120 fn2 (1 of 2) on page 193
J7Z09-67931	Kit—ADF Hinges	Product assemblies—N9120 fn2 (1 of 2) on page 193
J8J63-40001	Cover—Scanner Tub Rear	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-40002	ISA Base	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-40003	ISA Dashboard	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60003	Cable—Control Panel (HDMI)	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60004	Cable—Scanner (HDMI)	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60004	Cable—Scanner (HDMI)	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2762-60006	Cable—HIP (USB)	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60007	Cable Bundle—Power Supply	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60007	Cable Bundle—Power Supply	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2762-60008	Cable Bundle—ADF Power	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60008	Cable Bundle—ADF Power	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2762-60009	Cable Bundle—Control Panel Power	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60011	FFC—Power Button	Product assemblies—8500 fn2 (2 of 2) on page 191

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Part number	Description	Table and page
L2762-60012	Assembly—215W 100V-240V Power Supply	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60012	Assembly—215W 100V-240V Power Supply	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2762-60017	Assembly—Fan with cable and connector	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60017	Assembly—Fan with cable and connector	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2762-60031	Assembly—Formatter and tray without HDD	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-60031	Assembly—Formatter and tray without HDD	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2762-60034	Kit—Power Button	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60035	Kit—SATA Module (hard disk drive)	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-60035	Kit—SATA Module (hard disk drive)	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2762-60036	Kit—SSA Top Level Flow	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-60037	Kit—Keyboard US English	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60038	Kit—Keyboard UK English	Product assemblies—8500 fn2 (2 of 2) on page 191
L2762-60039	Kit—SCB Cage	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-60043	Kit—SSA Top Level Flow UK Keyboard	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-69001	HP Digital Sender Flow 8500 fn2 US KB WU (whole unit)	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-69002	HP Digital Sender Flow 8500 fn2 US KB CN/IN (whole unit)	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-69003	HP Digital Sender Flow 8500 fn2 US KB Gsku (whole unit)	Product assemblies—8500 fn2 (1 of 2) on page 189
L2762-69004	HP Digital Sender Flow 8500 fn2 UK KB WU (whole unit)	Product assemblies—8500 fn2 (1 of 2) on page 189
L2763-50001	FFC—Power Button	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-50002	Cable—Control Panel (HDMI)	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-50003	Cable Bundle—Control Panel Power	Product assemblies—N9120 fn2 (2 of 2) on page 195

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Part number	Description	Table and page
L2763-50004	Cable—USB Walk-up	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-50005	Cable—HIP (USB)	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-50006	Cable—Ground Strap, Braided	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-60006	Assembly—Front Dashboard Left	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-60010	Kit—Top-Level SSA Workflow	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2763-60011	Kit—Integrated A3 Base	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2763-60012	Kit—Power Button	Product assemblies—N9120 fn2 (2 of 2) on page 195
L2763-69001	HP Digital Sender Flow N9120 fn2 US KB WU (whole unit)	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2763-69002	HP Digital Sender Flow N9120 fn2 US KB CN/IN (whole unit)	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2763-69003	HP Digital Sender Flow N9120 fn2 US KB Gsku (whole unit)	Product assemblies—N9120 fn2 (1 of 2) on page 193
L2763-69004	HP Digital Sender Flow N9120 fn2 UK KB WU (whole unit)	Product assemblies—N9120 fn2 (1 of 2) on page 193

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