

# Removal and replacement: Document feeder pickup roller (MFP)

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## Introduction

This document provides the procedures to remove and replace the document feeder pickup roller (MFP printers).

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

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

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

Document feeder pickup roller part number	
CB780-60032	Pre-pick arm assembly (MFP)

## Required tools

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

## After performing service

### Turn the printer power on

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

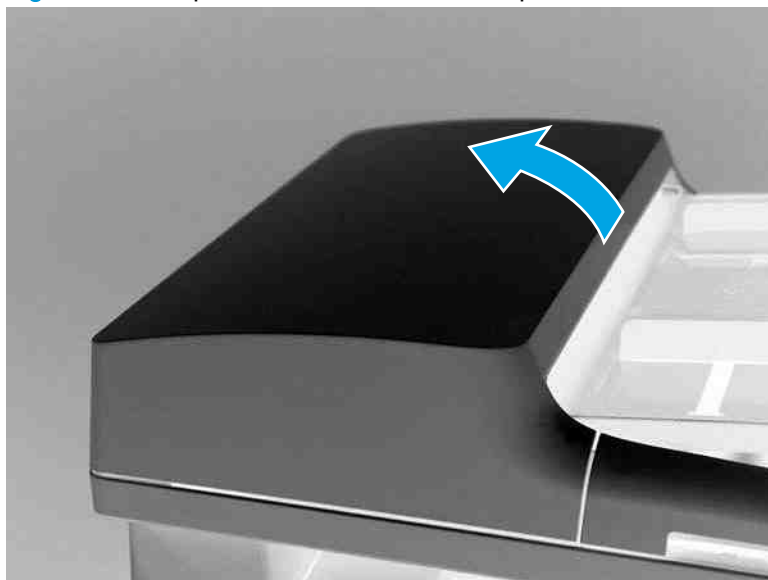
## Post service test

Process a copy job using the document feeder input tray as the source tray. Make sure the page correctly feeds, and then make sure that the output page has acceptable print quality.

## Step 1: Remove the document feeder top cover (MFP)

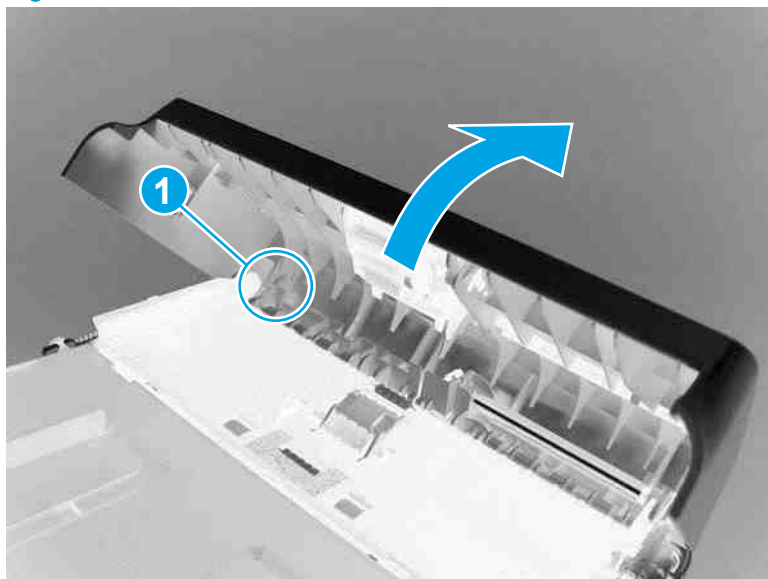
1. Fully open the document feeder top cover.

**Figure 1-395** Open the document feeder top cover



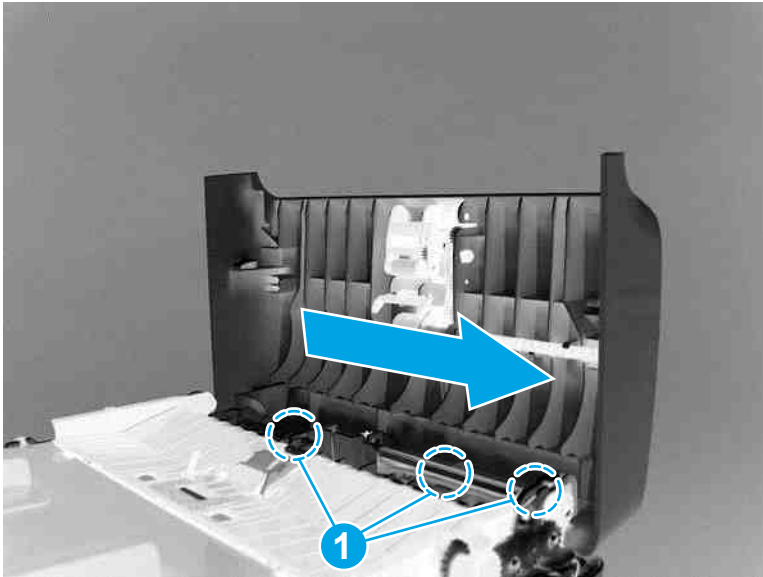
2. Release one tab (callout 1), and then continue to raise the top cover.

**Figure 1-396** Release one tab



3. Slide the top cover as shown below to release three hinge pins (callout 1), and then remove the cover.

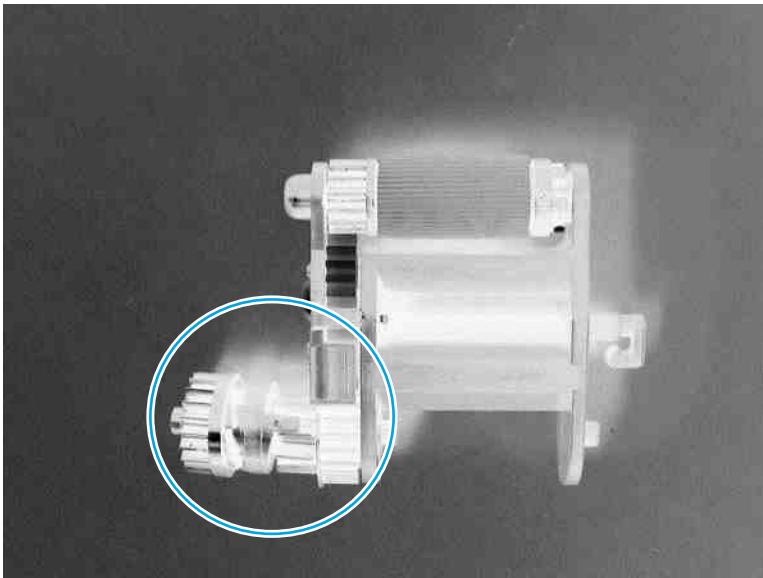
**Figure 1-397** Remove the document feeder top cover



#### Step 2: Remove the document feeder pickup roller (MFP)

1. Before proceeding, take note of how the document feeder pickup roller drive gear is installed on the roller assembly.

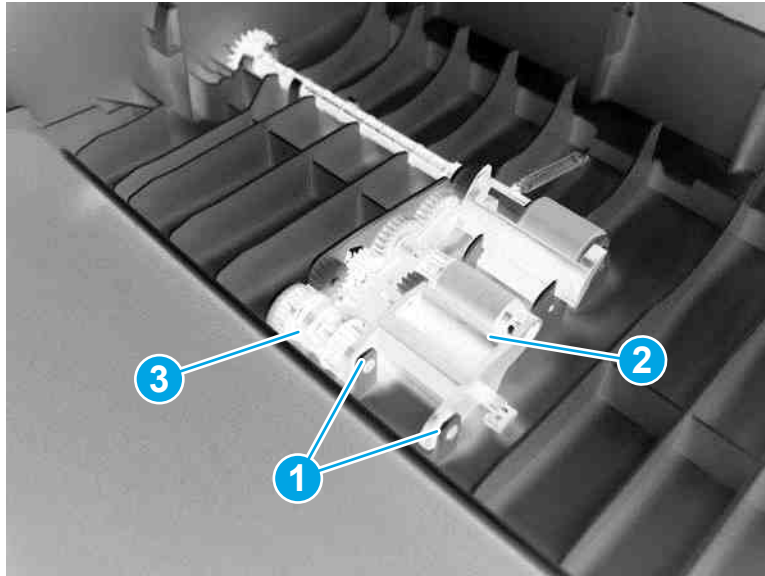
**Figure 1-398** Note the pickup roller drive gear



2. Release two tabs (callout 1), and then remove the pickup roller assembly (callout 2).

**CAUTION:** The pickup roller drive gear (callout 3) is not captive. Do not lose the gear when handling the roller assembly.

**Figure 1-399** Remove the document feeder pickup roller



### Step 3: Unpack the replacement assembly

1. Dispose of the defective part.

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

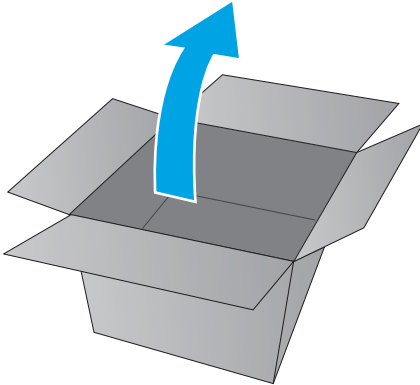
[www.hp.com/recycle](http://www.hp.com/recycle)



2. Unpack the replacement part from the packaging.

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

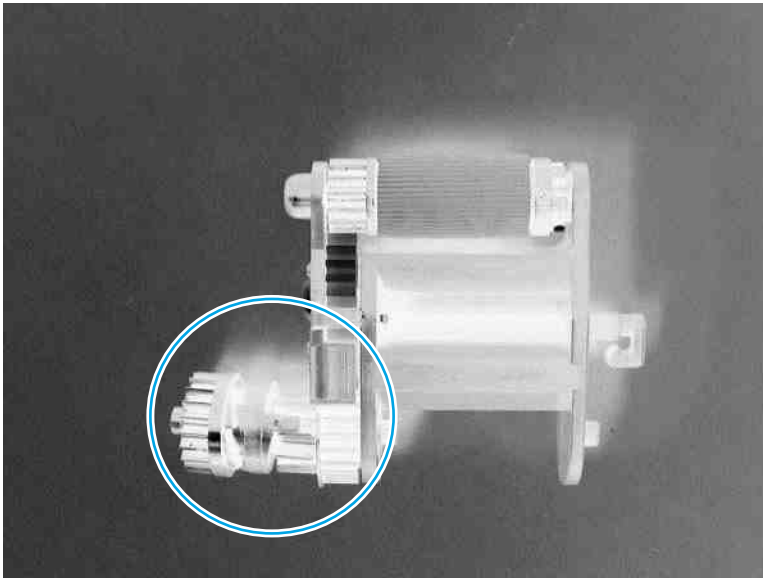
**📋 IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.



#### Step 4: Install the document feeder pickup roller (MFP)

1. If the document feeder pickup roller drive gear is dislodged when handling the assembly, use the figure below to reinstall it.

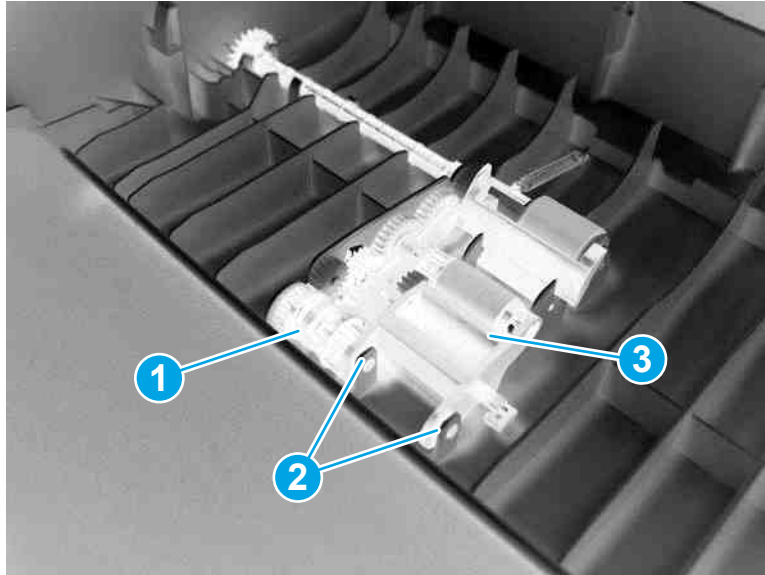
**Figure 1-400** Pickup roller drive gear



- Engage the pickup roller drive gear (callout 1), and then engage two tabs (callout 2) on the assembly with the holders on the top cover to install the assembly (callout 3).

**⚠ CAUTION:** The pickup roller drive gear (callout 1) is not captive. Do not lose the gear when handling the roller assembly.

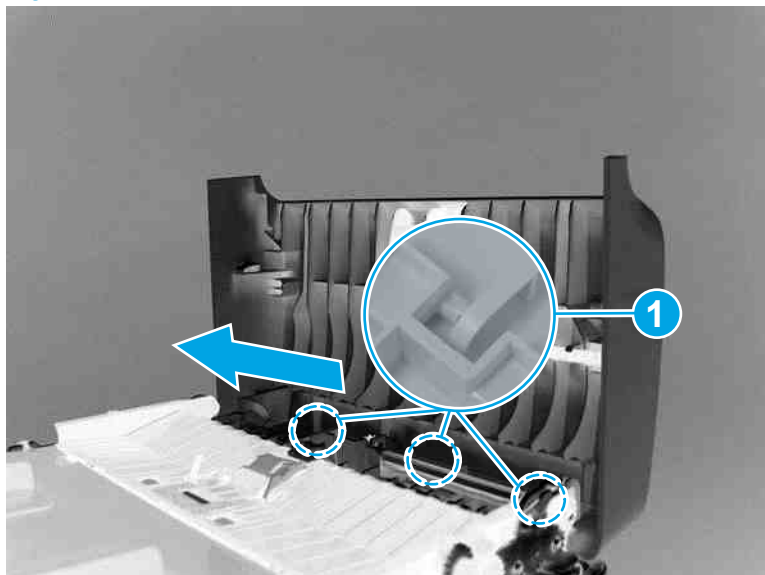
**Figure 1-401** Install the document feeder pickup roller



#### Step 5: Install the document feeder top cover (MFP)

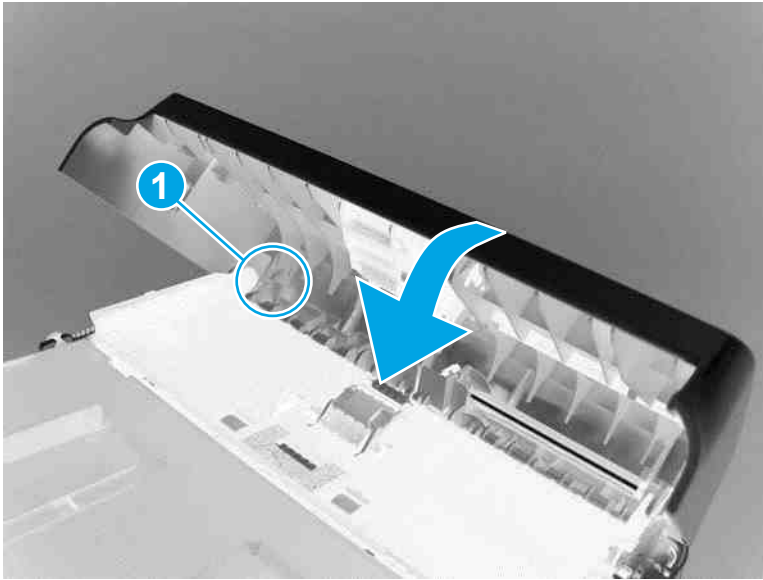
- Position the top cover on the document feeder, align three hinge pins (callout 1), and then slide the top cover as shown below to install it.

**Figure 1-402** Install the document feeder top cover



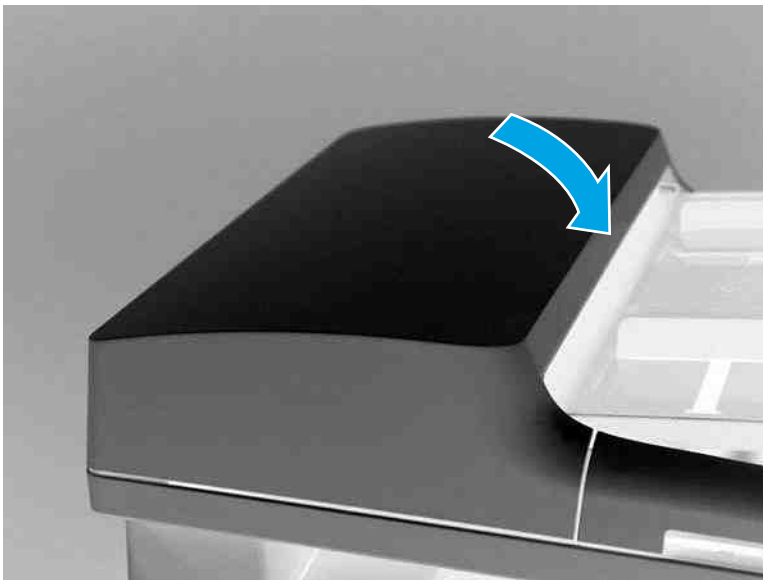
2. Lower the top cover to engage one tab (callout 1).

**Figure 1-403** Engage one tab



3. Close the document feeder top cover.

**Figure 1-404** Close the document feeder top cover



## Removal and replacement: Document feeder separation pad (MFP)

- [Introduction](#)
- [Step 1: Remove the document feeder separation pad \(MFP\)](#)
- [Step 2: Unpack the replacement assembly](#)
- [Step 3: Install the document feeder separation pad \(MFP\)](#)


### Introduction

This document provides the procedures to remove and replace the document feeder separation pad (MFP printers).

### Before performing service

#### Turn the printer power off

- Disconnect the power cable.

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

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

Document feeder separation pad part number	
G3Q59-60129	Separation pad assembly (MFP)

### Required tools

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

### After performing service

#### Turn the printer power on

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

### Post service test

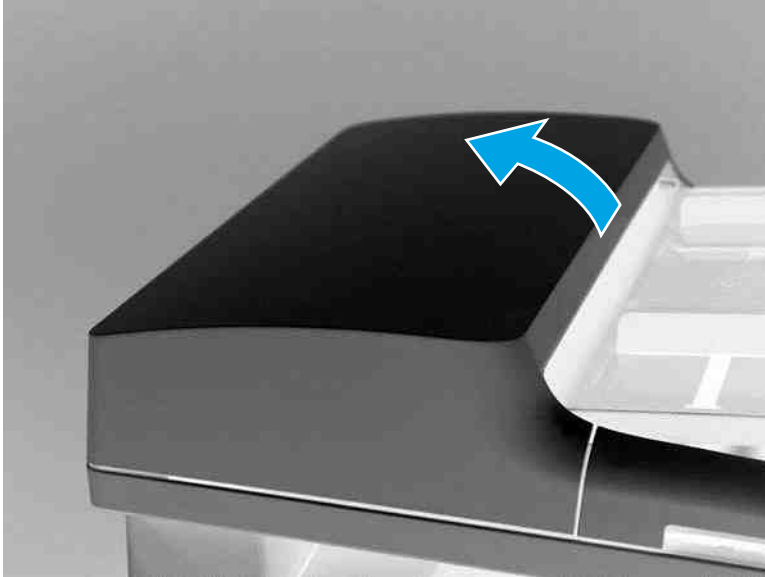
Process a copy job using the document feeder input tray as the source tray. Make sure the page correctly feeds, and then make sure that the output page has acceptable print quality.

### Step 1: Remove the document feeder separation pad (MFP)

1. Open the document feeder top cover.

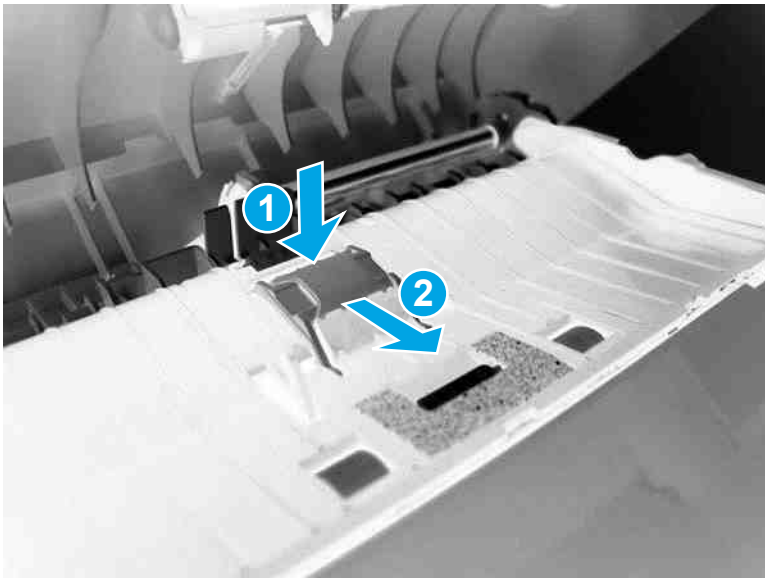


**Figure 1-405** Open the document feeder top cover



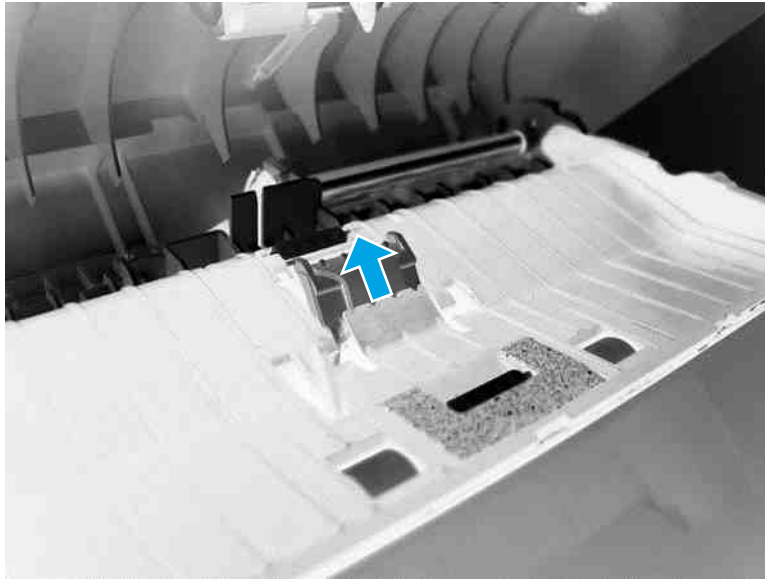
2. Slightly depress the separation pad (callout 1), and then slide it (callout 2) toward the input tray to release it.

**Figure 1-406** Release the separation pad



3. Remove the document feeder separation pad.

**Figure 1-407** Remove the document feeder separation pad



#### Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



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

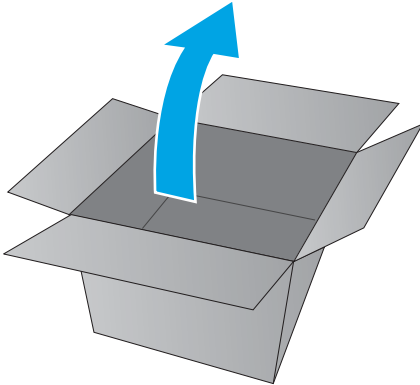
[www.hp.com/recycle](http://www.hp.com/recycle)



2. Unpack the replacement part from the packaging.

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

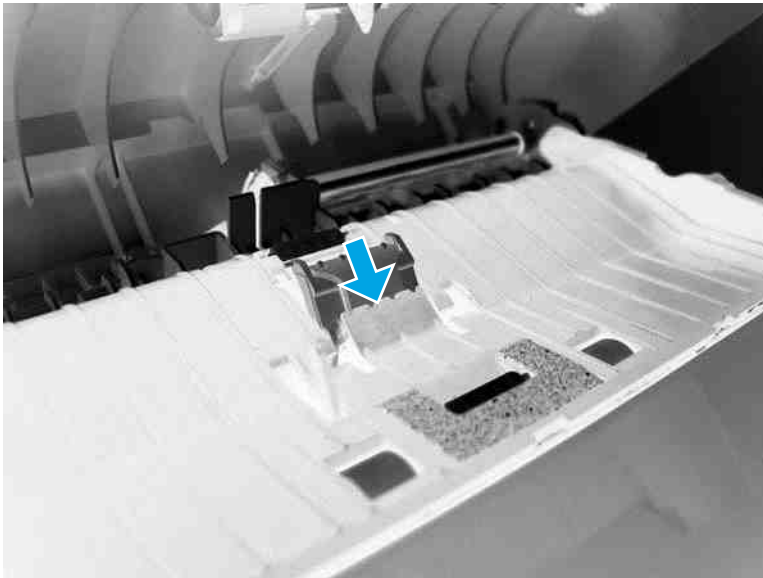
**📋 IMPORTANT:** Make sure that all of the shipping materials (for example shipping tape) are removed from the replacement part prior to installation.




### Step 3: Install the document feeder separation pad (MFP)

1. Install the document feeder separation pad in the opening in the core assembly.

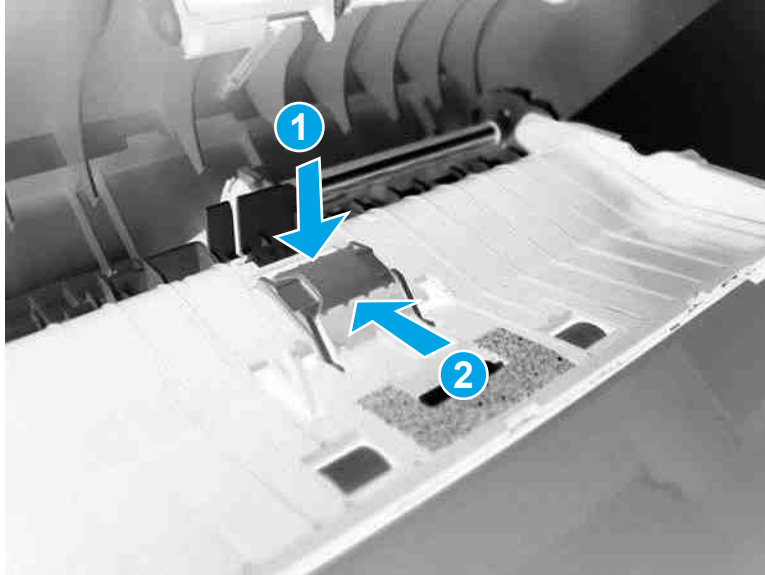
**Figure 1-408** Install the document feeder separation pad



2. Push down on the separation pad to engage the pins on the assembly with the slots in the core assembly (callout 1), and then slide the separation pad toward the top cover (callout 2) to install it.

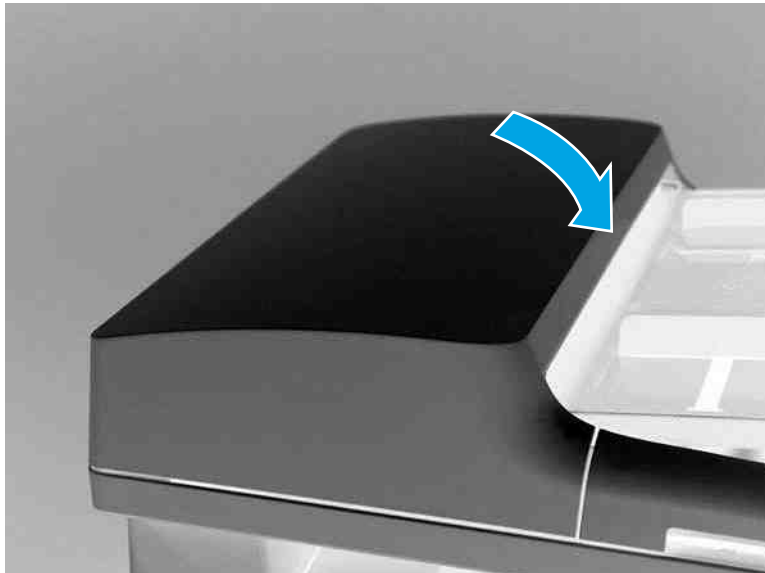
 **Reinstallation tip:** Make sure that the spring underneath the separation pad is correctly seated on the core assembly. Look at the spring before the separation pad is fully installed. If necessary, use a small flat-blade screwdriver to align the spring in the holder.

**Figure 1-409** Finish installing the document feeder separation pad



3. Close the document feeder top cover.

**Figure 1-410** Close the document feeder top cover



## Removal and replacement: Fuser and fixing film assembly

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- [Step 1: Remove the multipurpose tray](#)
- [Step 2: Remove the left cover](#)
- [Step 3: Remove the USB cover \(MFP\)](#)
- [Step 4: Remove the cable cover \(MFP\)](#)
- [Step 5: Remove the integrated scanner assembly \(ISA\) or the image scanner \(IS\) \(MFP\)](#)
- [Step 6: Remove the right cover](#)
- [Step 7: Remove the front cover assembly](#)
- [Step 8: Remove the hinge assembly \(MFP\)](#)
- [Step 9: Remove the rear panel](#)
- [Step 10: Remove the cartridge door](#)
- [Step 11: Remove the top cover assembly \(MFP\)](#)
- [Step 12: Remove the formatter PCA \(SFP\)](#)
- [Step 13: Remove the low-voltage power supply \(LVPS\)](#)
- [Step 14: Remove the transfer assembly](#)
- [Step 15: Remove the fuser](#)
- [Step 16: Remove the fixing film assembly](#)
- [Step 17: Unpack the replacement assembly](#)
- [Step 18: Install the fixing film assembly](#)
- [Step 19: Install the fuser](#)
- [Step 20: Install the transfer assembly](#)
- [Step 21: Install the LVPS](#)
- [Step 22: Install the formatter PCA \(SFP\)](#)
- [Step 23: Install the top cover assembly \(MFP\)](#)
- [Step 24: Install the cartridge door](#)
- [Step 25: Install the rear panel](#)
- [Step 26: Install the hinge assembly \(MFP\)](#)
- [Step 27: Install the front cover assembly](#)
- [Step 28: Install the right cover](#)
- [Step 29: Install the ISA or the IS \(MFP\)](#)

- [Step 30: Install the cable cover \(MFP\)](#)
- [Step 31: Install the USB cover \(MFP\)](#)
- [Step 32: Install the left cover](#)
- [Step 33: Install the multipurpose tray](#)


## Introduction

This document provides the procedures to remove and replace the fuser and fixing film assembly.

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

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

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

Fuser and fixing film assembly part number	
RM2-6947-000CN	Fuser assembly (110V) <sup>1</sup>
RM2-6948-000CN	Fuser assembly (220V) <sup>1</sup>
RM2-6962-000CN	Fixing film assembly (110V)
RM2-6963-000CN	Fuser film assembly (220V)

<sup>1</sup> The fuser assembly includes the fuser, fixing film assembly, and the delivery sensor PCA.

## Required tools

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

## After performing service

### Turn the printer power on

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


## Post service test

**M129/M134:** Verify that the document feeder and the flatbed scanner are correctly functioning (copy a page).

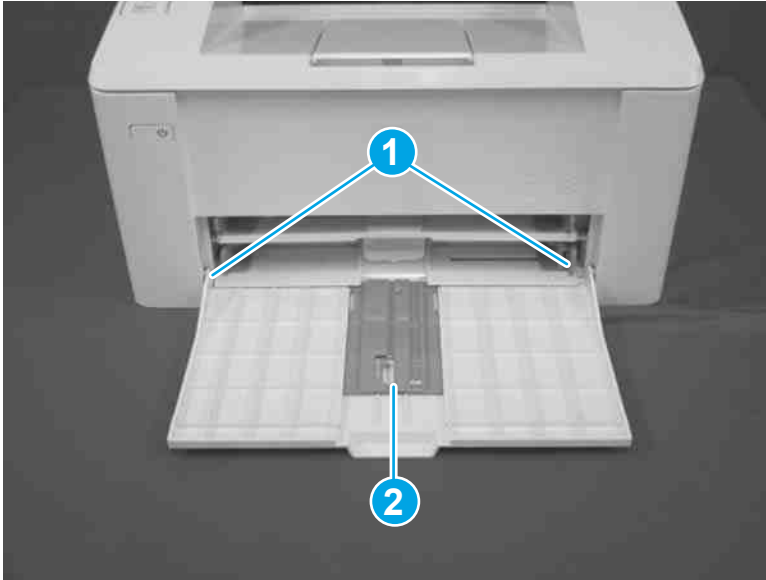
Send a print job from the host computer (or print a configuration report). Verify that the page prints.

### Step 1: Remove the multipurpose tray

1. Open the multipurpose tray.
2. **M101/M106:** Release two bosses (callout 1), and then remove the tray (callout 2).

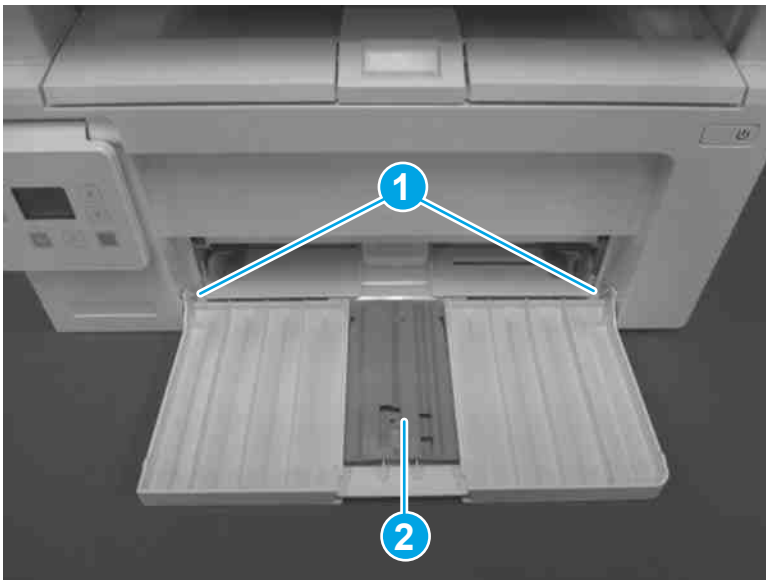
 **TIP:** It might be easier to remove the tray if the right boss is released first, and then lower the right-side of the tray to release the left-side boss.

**Figure 1-923** Remove the multipurpose tray (SFP)



3. **M129/M134:** Release two bosses (callout 1), and then remove the tray (callout 2).

**Figure 1-924** Remove the multipurpose tray (MFP)



### Step 2: Remove the left cover

1. **M101/M106:** Do the following.

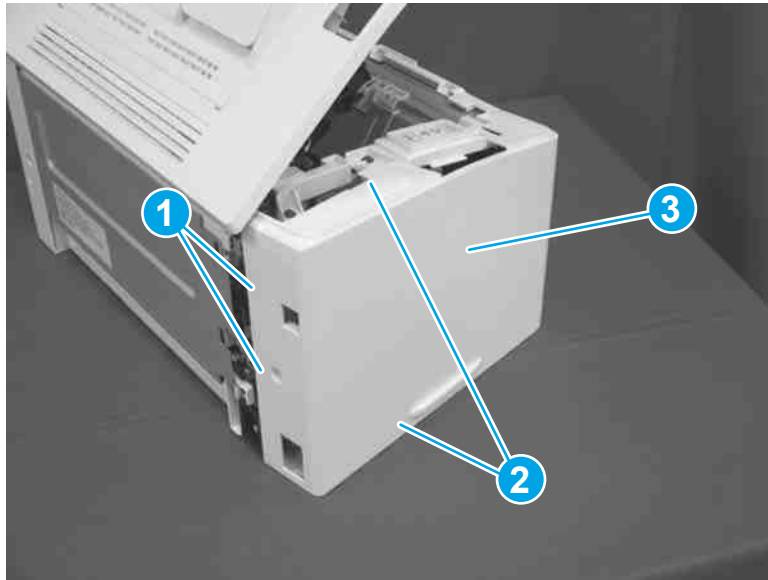
- a. Open the cartridge door.
- b. Remove one screw (callout 1).

**Figure 1-925** Remove one screw (SFP)



- c. Release two bosses (callout 1), release two tabs (callout 2), and then remove the left cover (callout 3).

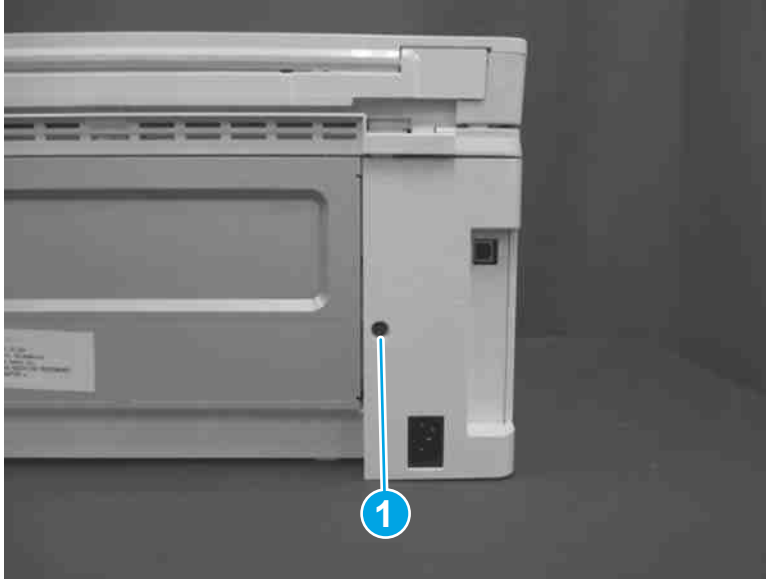
**Figure 1-926** Remove the left cover (SFP)



2. **M129/M134:** Do the following.
  - a. Remove one screw (callout 1).

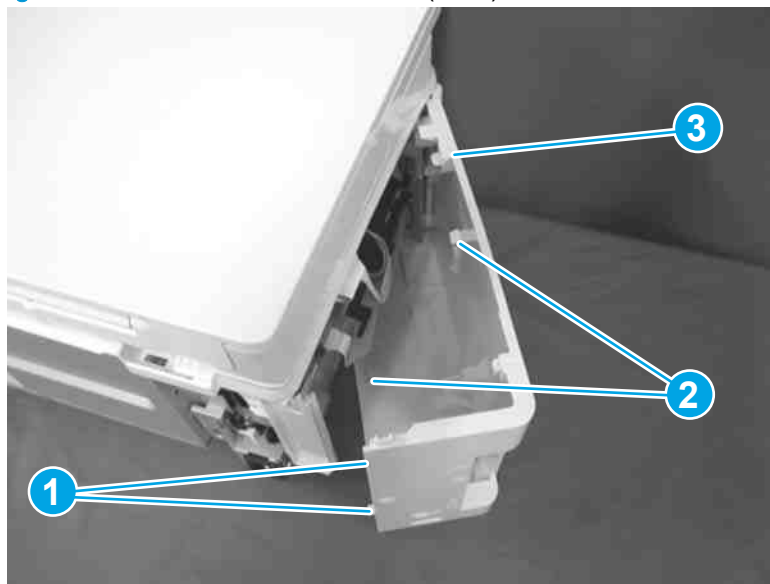


**Figure 1-927** Remove one screw (MFP)




- b. Release two bosses (callout 1), release two tabs (callout 2), and then remove the left cover (callout 3).

**Figure 1-928** Remove the left cover (MFP)



### Step 3: Remove the USB cover (MFP)

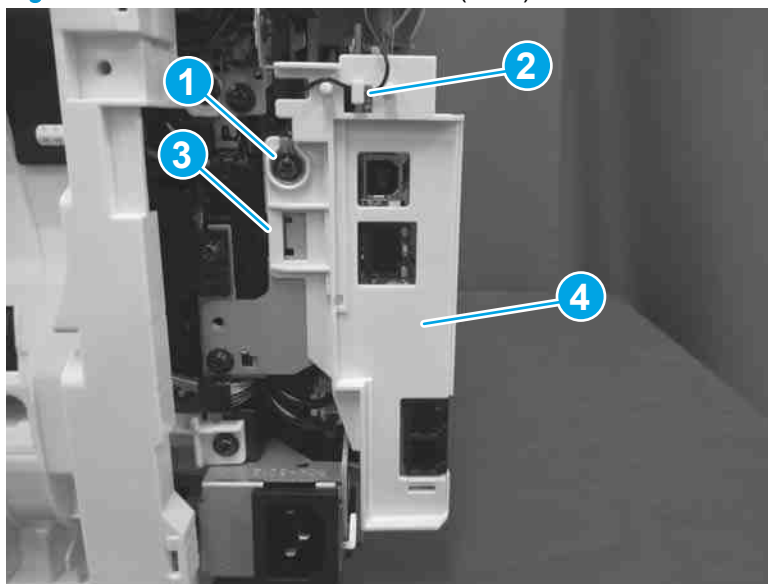
 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 6: Remove the right cover on page 571](#).

▲ Do the following:


- a. **Integrated scanner assembly (ISA) models only:** Remove one screw (callout 1), and then release one wire harness from the guide (callout 2).

- b. Release one tab (callout 3), and then remove the USB cover (callout 4).

**Figure 1-929** Remove the USB cover (MFP)



#### Step 4: Remove the cable cover (MFP)

 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 6: Remove the right cover on page 571](#).

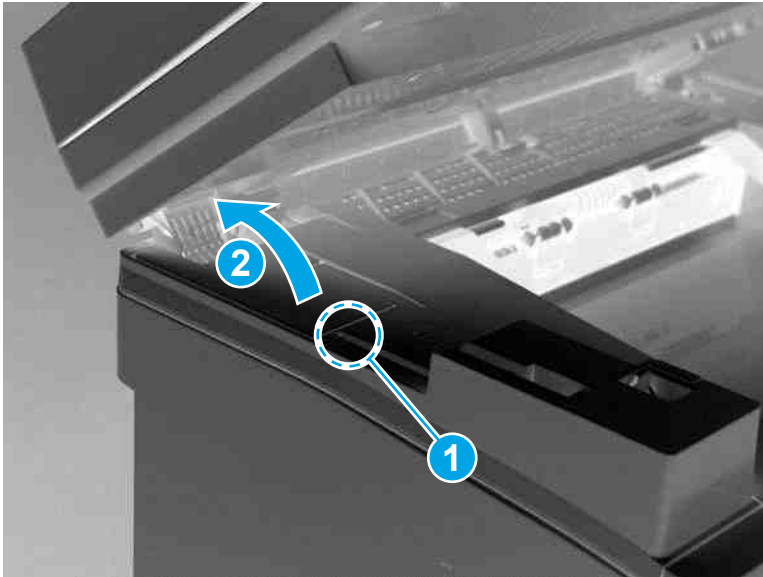
1. Open the integrated scanner assembly (ISA) or the image scanner (IS)

**Figure 1-930** Open the ISA or the IS (MFP)





2. Use a small flat-blade screw driver to release one tab (callout 1), and then remove the cable cover (callout 2).

**Figure 1-931** Remove the cable cover (MFP)



#### Step 5: Remove the integrated scanner assembly (ISA) or the image scanner (IS) (MFP)

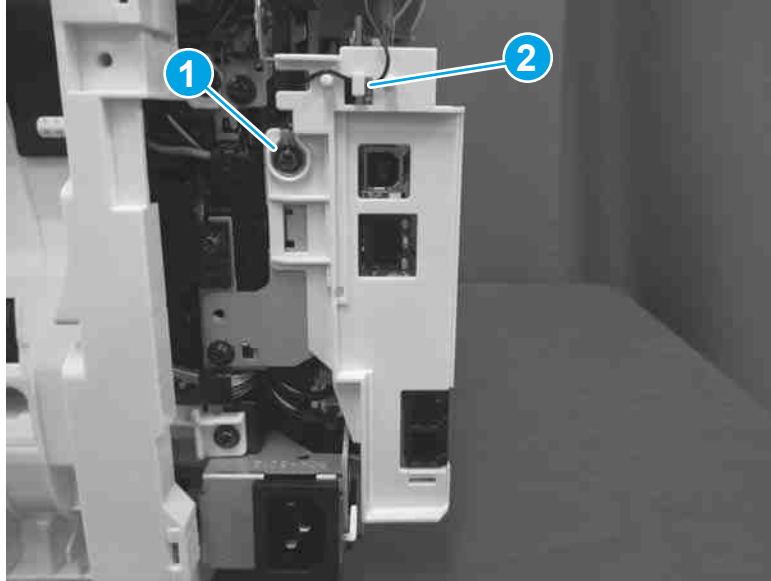
 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 6: Remove the right cover on page 571](#).

 **NOTE:** The integrated scanner assembly (ISA) includes the sub-scanner assembly (SSA) and the automatic document feeder (ADF). The image scanner (IS) includes a flatbed scanner only (no ADF).

The figures in this procedure show an ISA printer. However the procedure is correct for IS printers.


1. **ISA models only:** Remove one screw (callout 1), and then release the ground wire from the retainer (callout 2).

**Figure 1-932** Release the ground wire (ISA models)

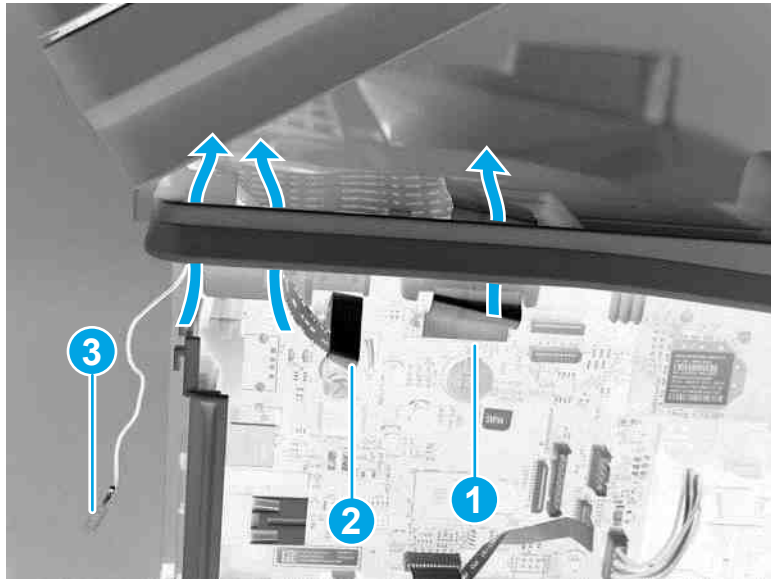


2. **ISA models only:** Disconnect two flat cables (callout 1/2), and then pass the flat cables and the ground wire (callout 3) through the opening in the chassis.

**IS models only:** Disconnect one flat cable (callout 1), and then pass the flat cable through the opening in the chassis.

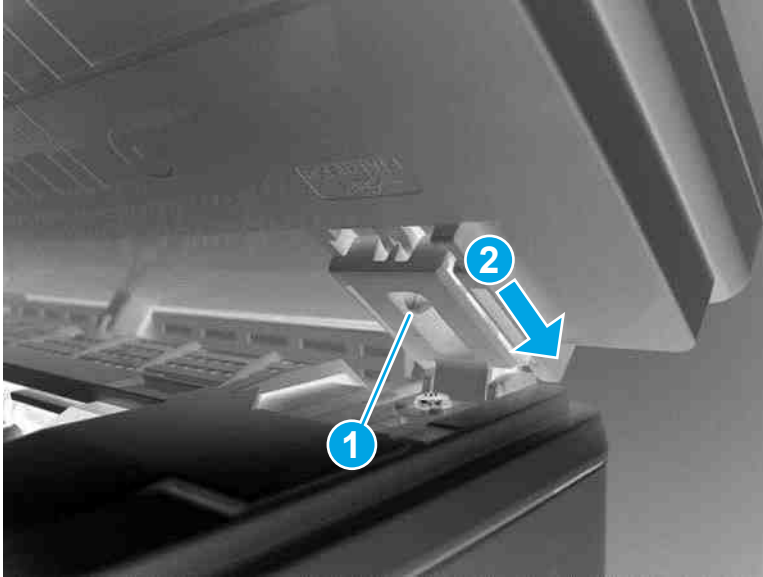
 **NOTE:** The IS model does not have the small flat cable (callout 2) or a ground wire (callout 3).

**Figure 1-933** Disconnect flat cable(s)



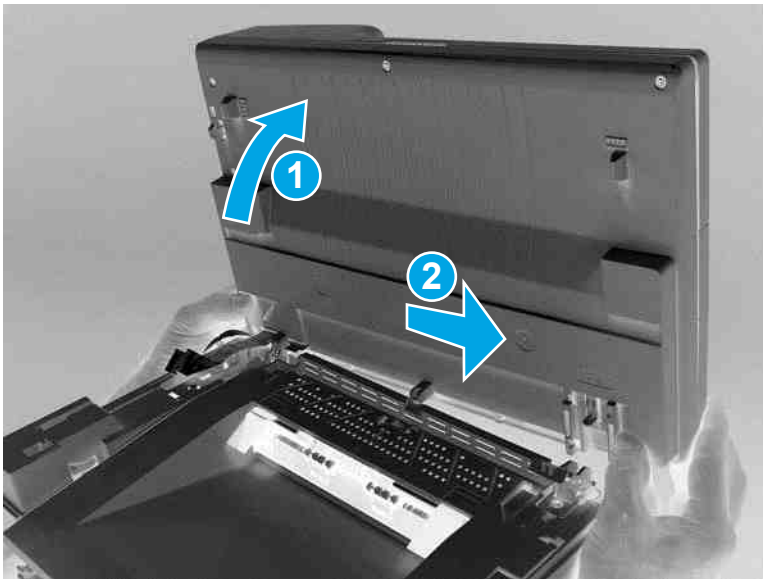
3. Release one tab (callout 1), and then push the right side of the ISA or IS toward the rear of the printer to release the right hinge (callout 2).

**Figure 1-934** Release the right hinge (M129/M134)



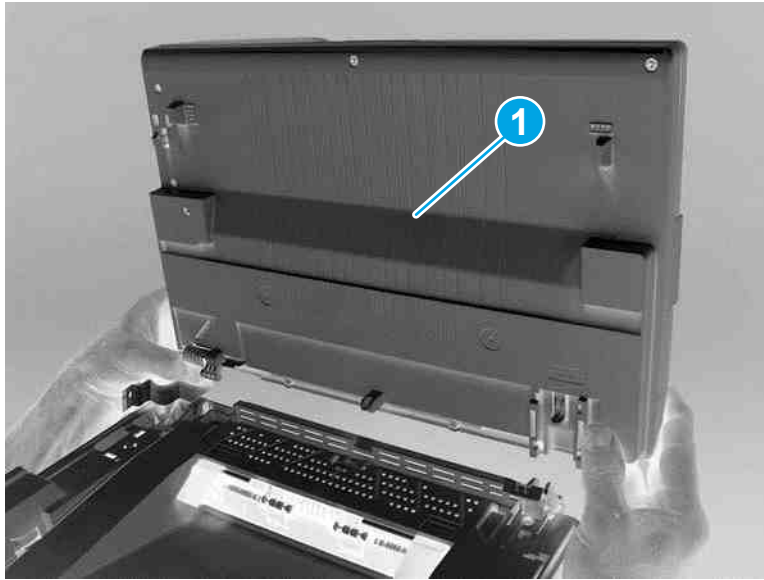
4. Rotate the ISA or IS towards the rear of the printer (callout 1), and then slide the ISA or IS toward the right side of the printer to release the left hinge (callout 2).

**Figure 1-935** Release the left hinge (M129/M134)



5. Remove the ISA or IS (callout 1).

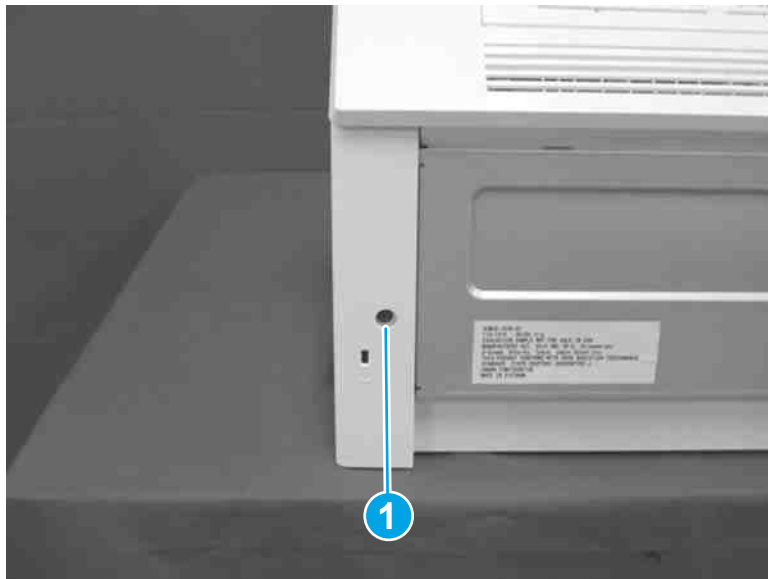
**Figure 1-936** Remove the ISA or IS (M129/M134)



#### Step 6: Remove the right cover

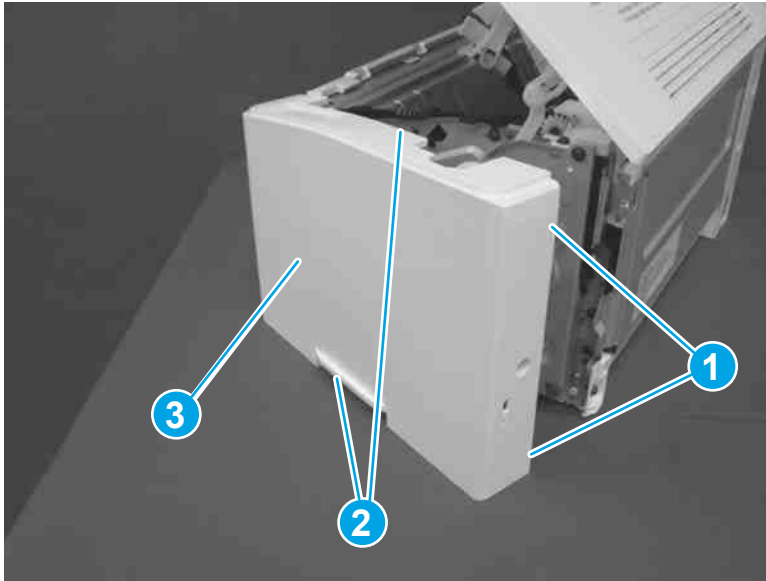
1. **M101/M106:** Do the following.
  - a. Open the cartridge door.
  - b. Remove one screw (callout 1).

**Figure 1-937** Remove one screw (SFP)



- c. Release two bosses (callout 1), release two tabs (callout 2), and then remove the right cover (callout 3).

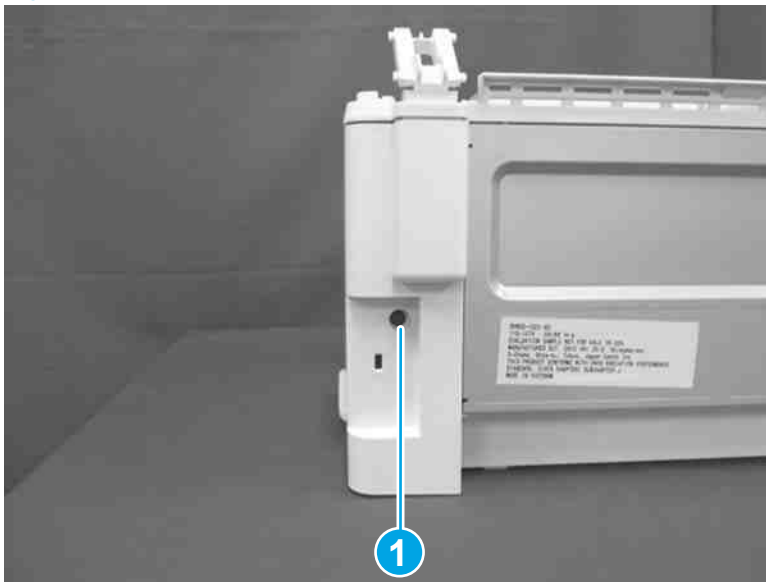
**Figure 1-938** Remove the right cover (SFP)



2. **M129/M134:** Do the following.

- a. Remove one screw (callout 1).

**Figure 1-939** Remove one screw (MFP)



- Figure 1-940** Remove the right cover (MFP)

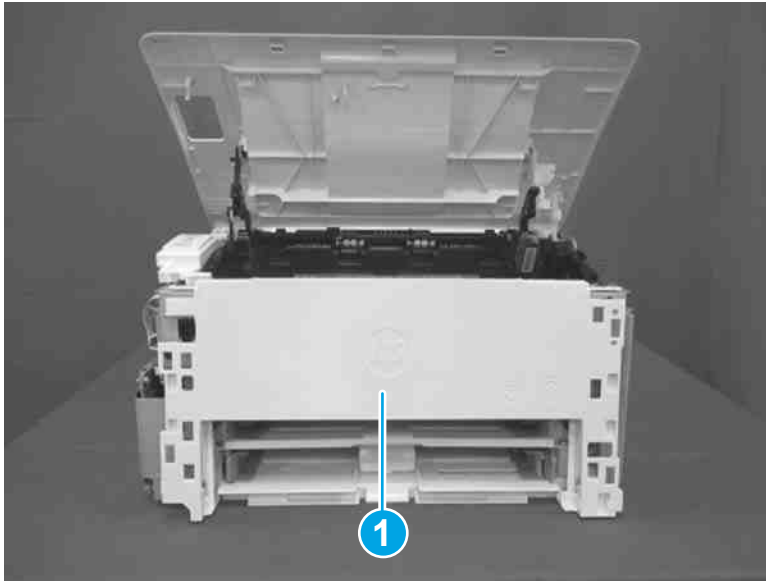
## Step 7: Remove the front cover assembly

- Figure 1-941** Release two tabs (SFP)



- b. Return the printer the normal position, open the cartridge door, and then remove the front cover (callout 1).

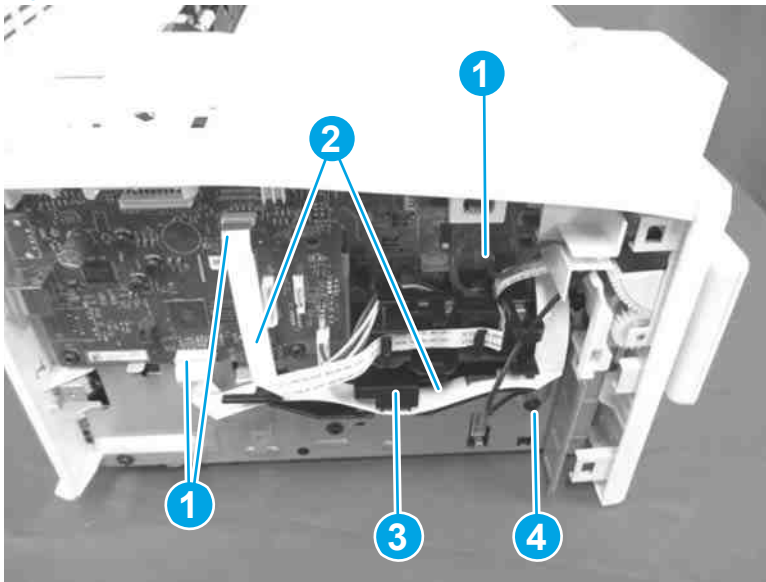
**Figure 1-942** Remove the front cover (SFP)



2. **M129/M134:** Do the following.

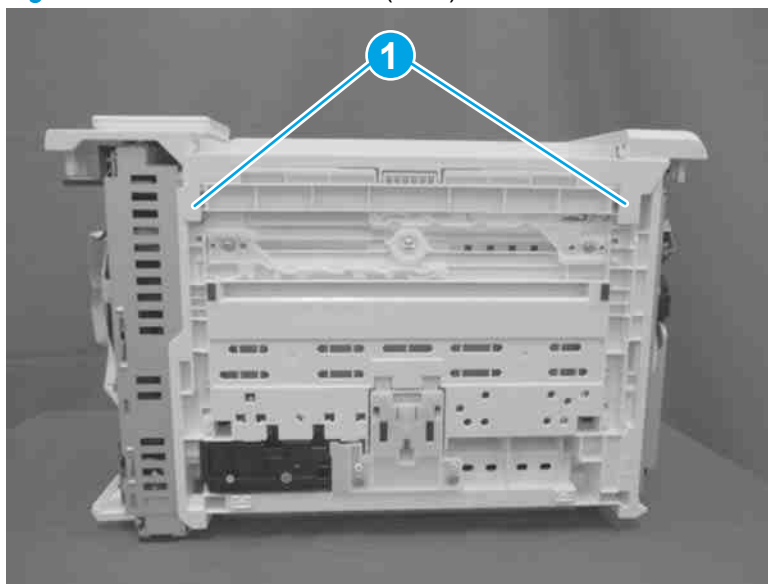
- a. Disconnect three connectors (callout 1), release the wire harness and flat cables (callout 2) from the guide (callout 3), and then remove one screw (callout 4).

**Figure 1-943** Disconnect connectors (MFP)



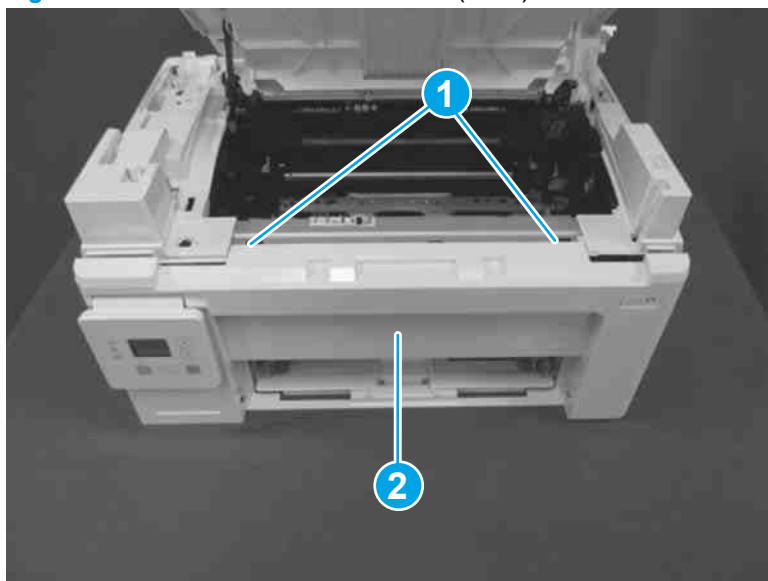
- b. Turn the printer over to rest on the rear panel, and then release two tabs (callout 1).

**Figure 1-944** Release two tabs (MFP)



- c. Return the printer to the normal position, open the cartridge door, release two bosses (callout 1), and then remove the front cover (callout 2).

**Figure 1-945** Remove the front cover (MFP)



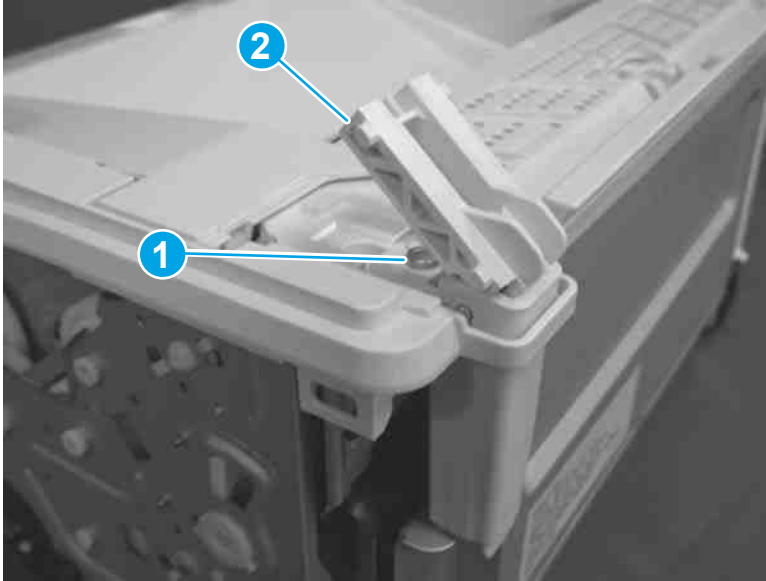
#### Step 8: Remove the hinge assembly (MFP)



**NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 9: Remove the rear panel on page 576](#).

- ▲ Remove one screw (callout 1), and then remove the hinge assembly (callout 2).

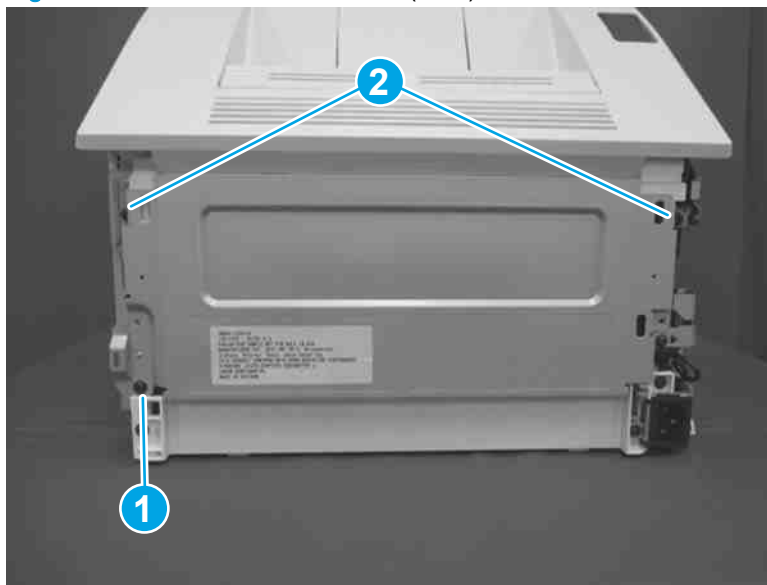
**Figure 1-946** Remove the hinge assembly (MFP)



**Step 9: Remove the rear panel**

1. **M101/M106:** Do the following.
  - a. Remove one screw (callout 1), and then release two tabs (callout 2).

**Figure 1-947** Remove one screw (SFP)



- b. Remove the rear panel (callout 1).

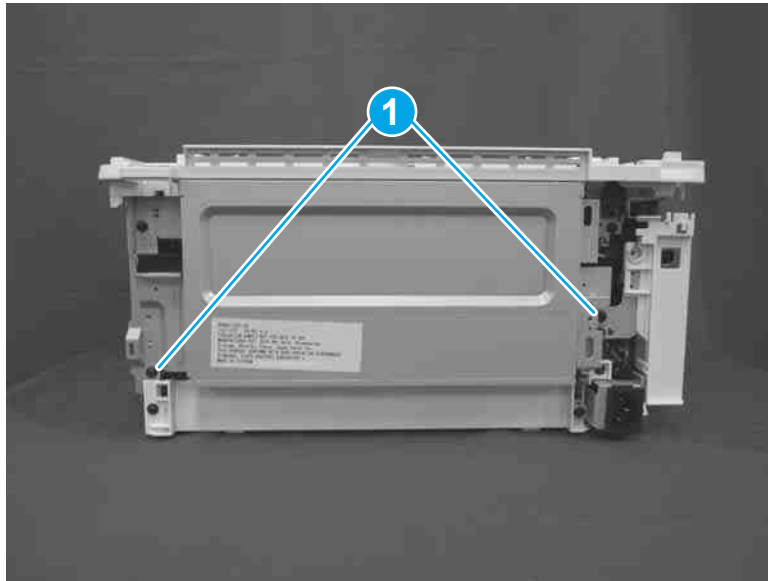
**Figure 1-948** Remove the rear panel (SFP)



- 2. **M129/M134:** Do the following.

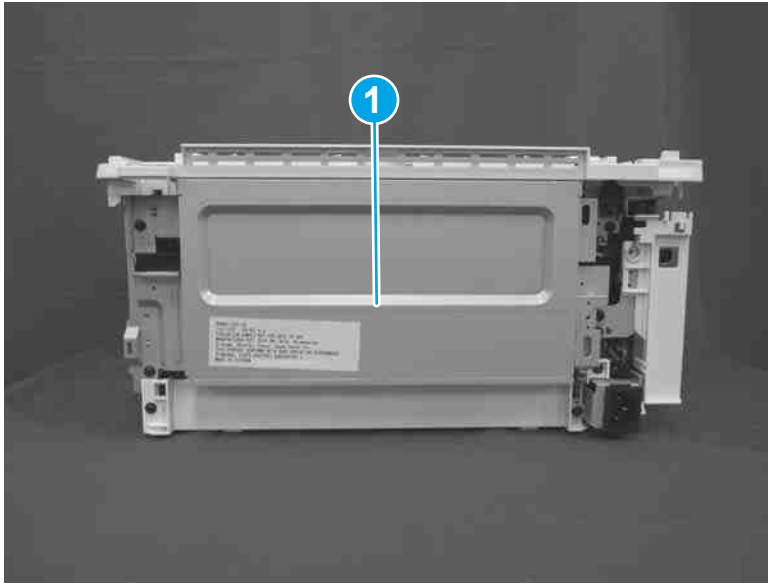
- a. Remove two screws (callout 1).

**Figure 1-949** Remove two screws (MFP)




- b. Remove the rear panel (callout 1).

**Figure 1-950** Remove the rear panel (MFP)

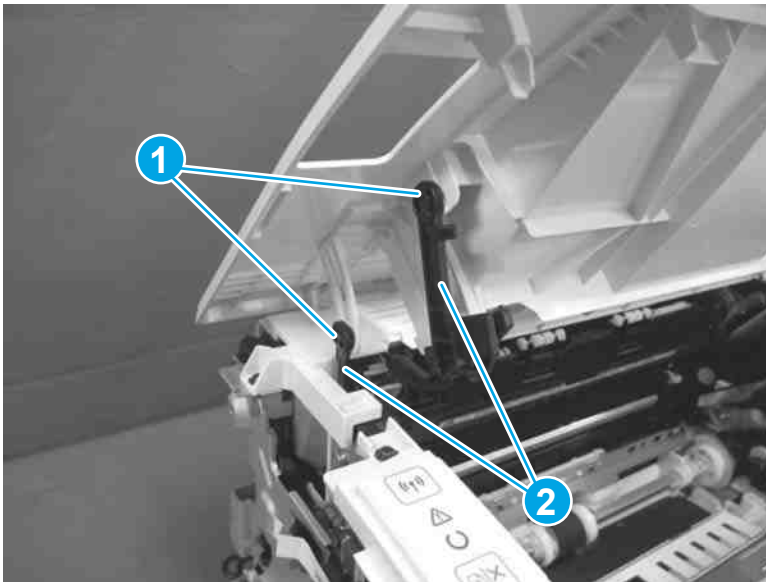


#### Step 10: Remove the cartridge door

 **NOTE:** The figures in the following procedure show the M101/M106 printers. However, the procedure is correct for the M129/M134 printers.

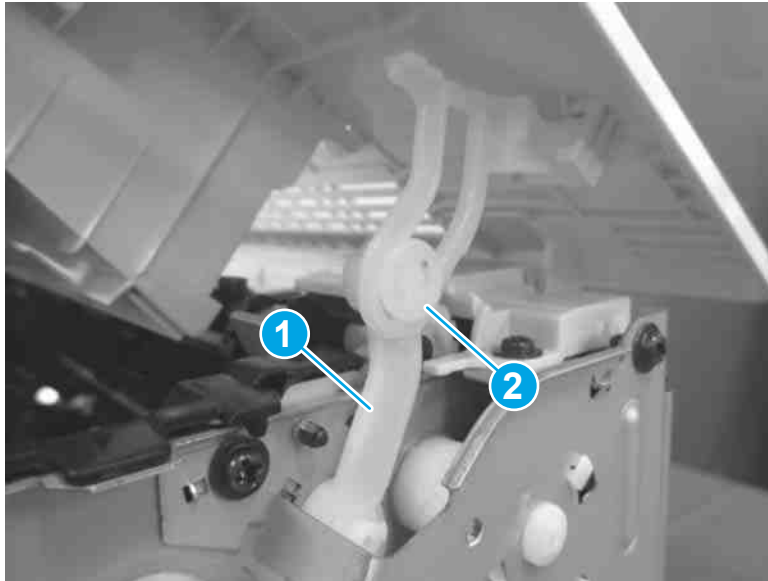
1. Release two tabs (callout 1), and then disconnect two link arms (callout 2).

**Figure 1-951** Disconnect two link arms



2. Before proceeding, note that the lower right-side link arm (callout 1) is connected with a small white-plastic clip (callout 2). Do not drop the clip into the printer when it is removed.

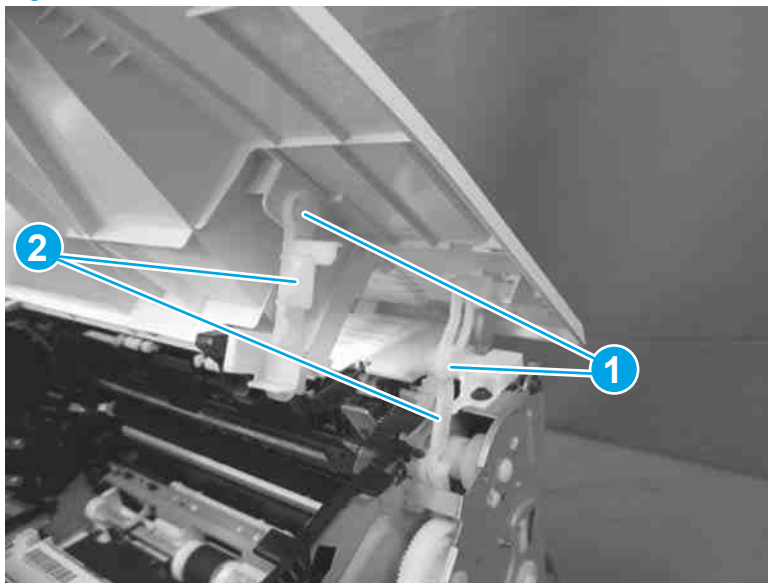
**Figure 1-952** Right-side link arm



3. Release two tabs (callout 1; remove one clip), and then disconnect two link arms (callout 2).

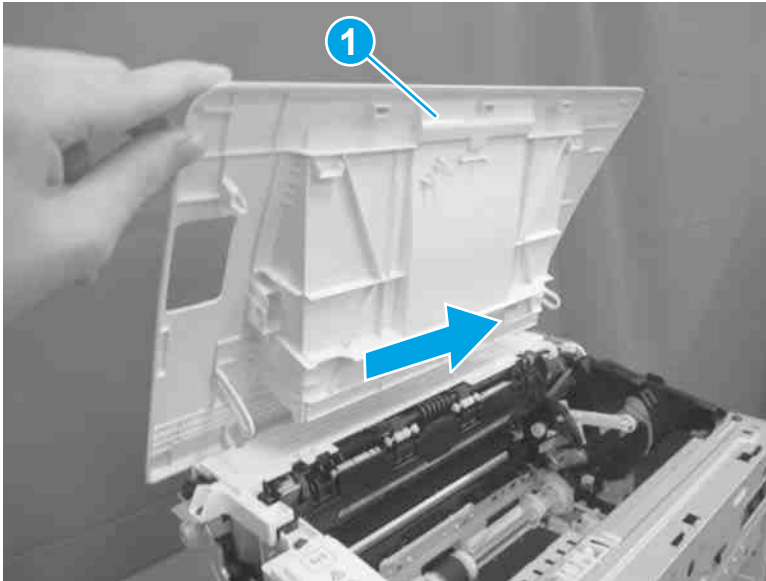
**CAUTION:** Do not drop the clip into the printer when it is removed.

**Figure 1-953** Disconnect two link arms



4. Fully open the door, and then slide it towards the right-side of the printer to remove the cartridge door (callout 1).

**Figure 1-954** Remove the cartridge door

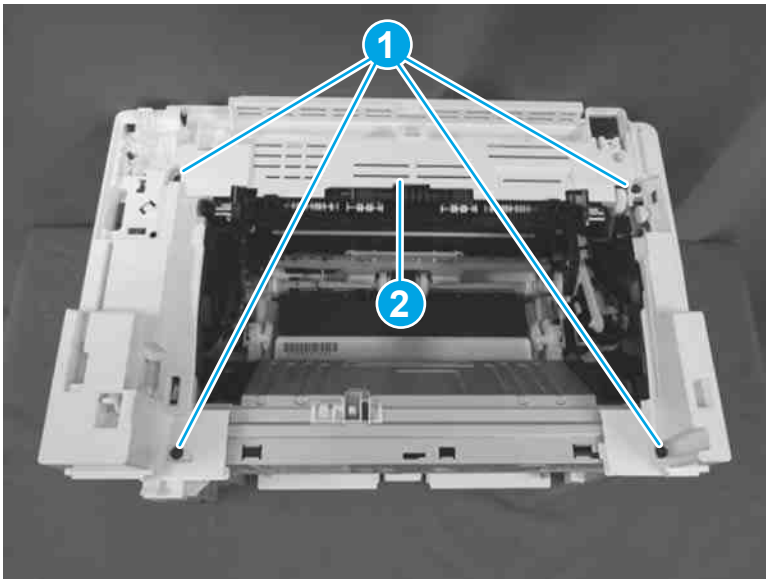


#### Step 11: Remove the top cover assembly (MFP)


 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 12: Remove the formatter PCA \(SFP\) on page 580](#).

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

**Figure 1-955** Remove the top cover (MFP)



#### Step 12: Remove the formatter PCA (SFP)


 **NOTE:** This step is for the M101/M106 printers. For the M129/M134 printers, skip this step and go to [Step 13: Remove the low-voltage power supply \(LVPS\) on page 581](#).

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 **CAUTION:**  ESD-sensitive part.

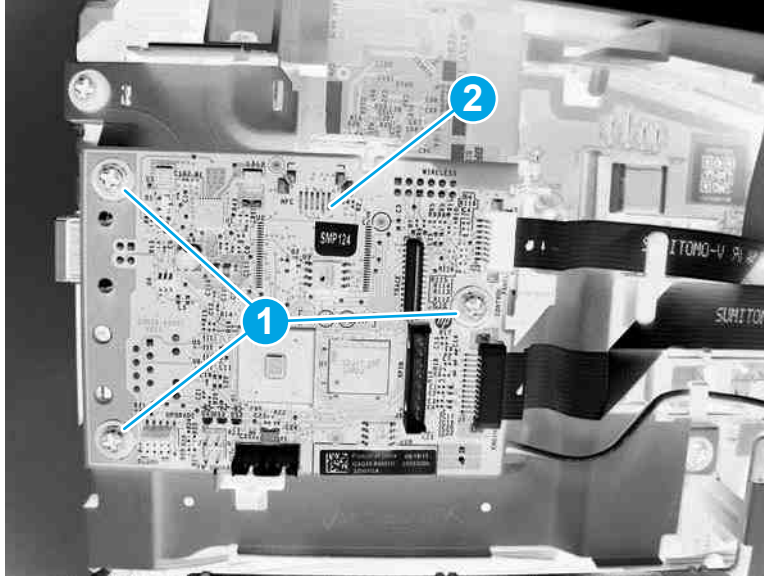
---

- ▲ Disconnect all connectors, remove three screws (callout 1), and then remove the formatter (callout 2).

 **NOTE:** Some connectors might already be disconnected from when previous assemblies were removed.

---

**Figure 1-956** Remove the formatter PCA (SFP)




### Step 13: Remove the low-voltage power supply (LVPS)

---

 **CAUTION:**  ESD-sensitive part.

---

1. **M101/M106:** Do the following.

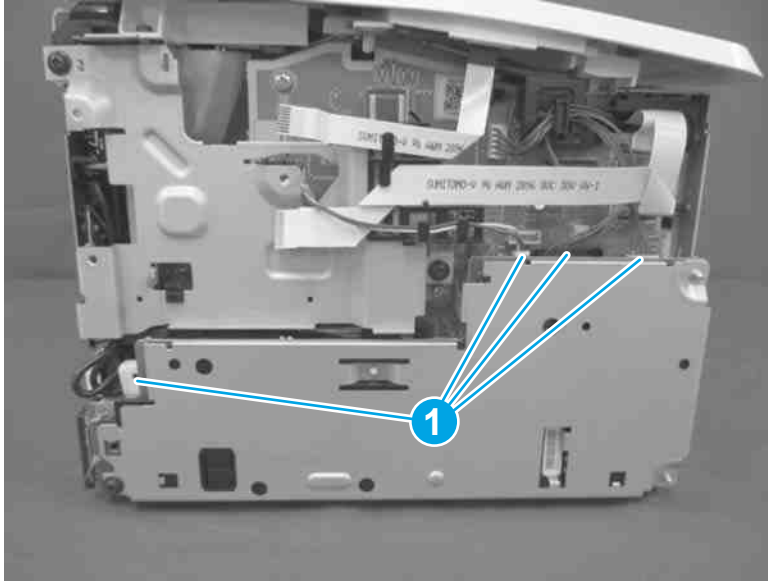
 **NOTE:** The figures in this section show the formatter PCA removed. However, removing the formatter is not required for the M101/M106 printers.

---

- a. Disconnect four connectors (callout 1).

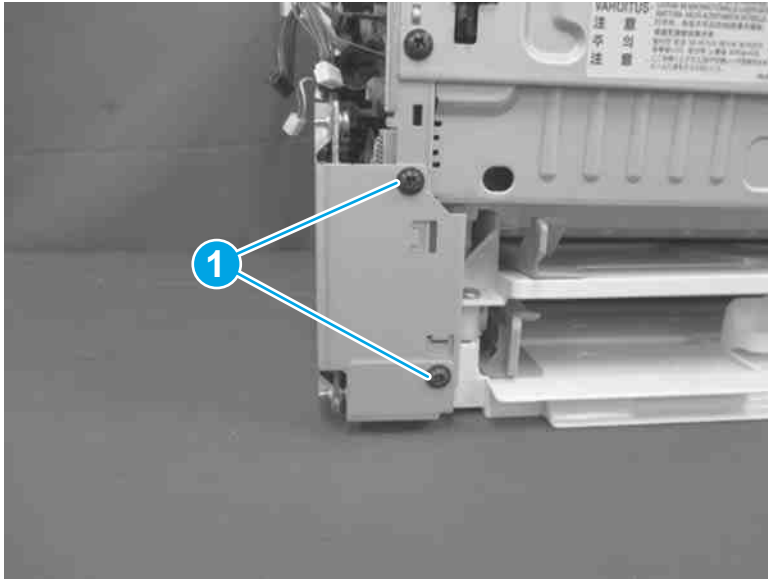


**Figure 1-957** Disconnect four connectors (SFP)



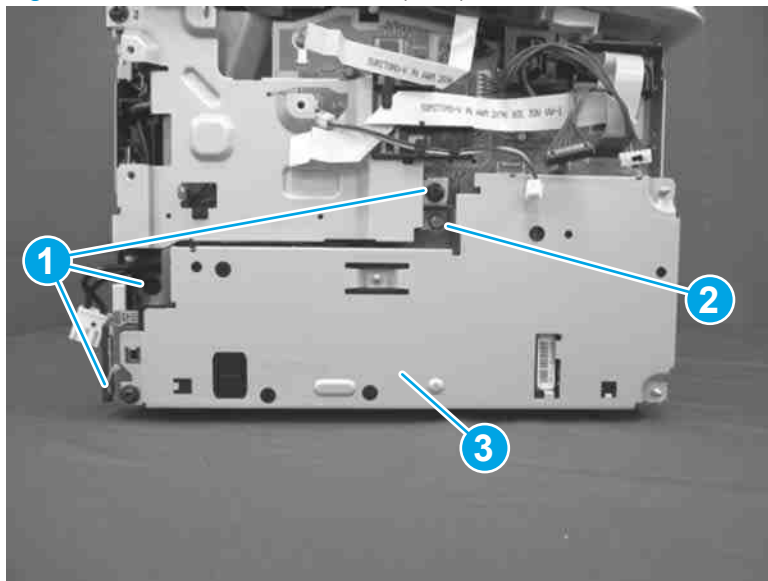
- b. Remove two screws (callout 1).

**Figure 1-958** Remove two screws (SFP)



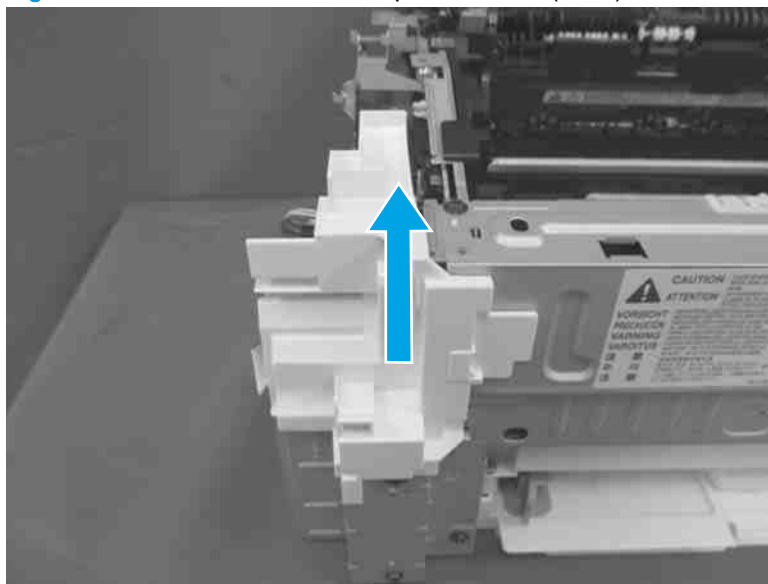
- c. Remove three screws (callout 1), remove one ground screw (callout 2), and then remove the LVPS.

**Figure 1-959** Remove the LVPS (SFP)



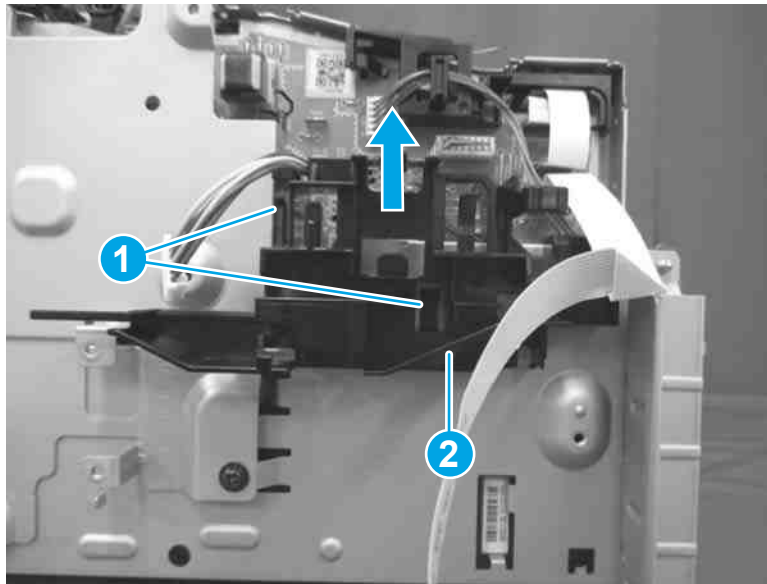
- 2. **M129/M134:** Do the following.
  - a. Remove the white-plastic cover.

**Figure 1-960** Remove the white-plastic cover (MFP)



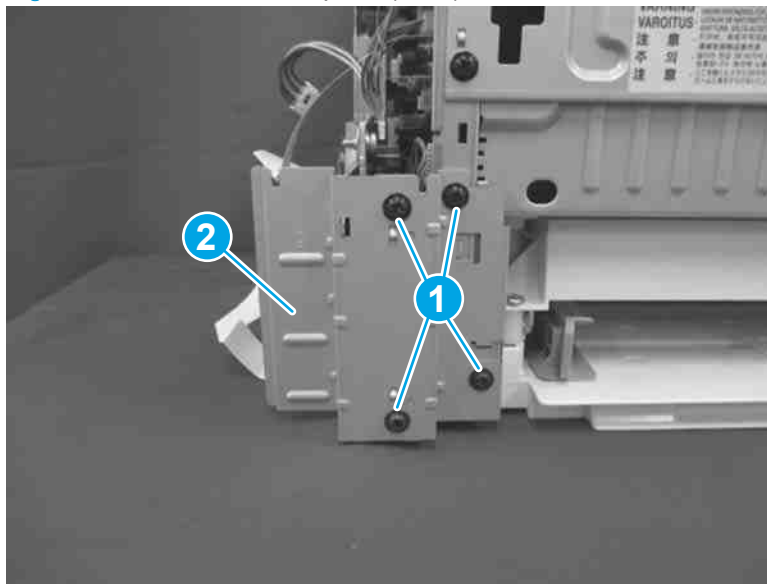
- b. Release two tabs (callout 1), and then slide the guide (callout 2) up to remove it.

**Figure 1-961** Remove the guide (MFP)



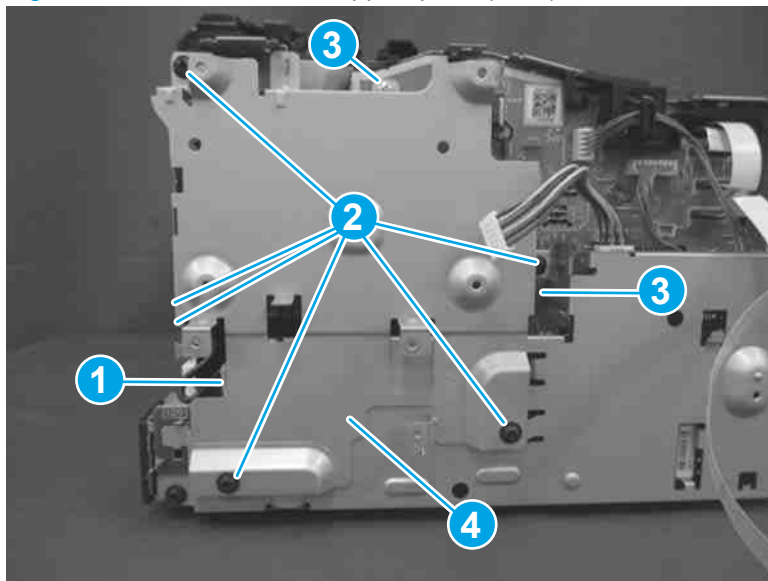
- c. Remove four screws (callout 1), and then remove the sheet-metal plate (callout 2).

**Figure 1-962** Remove the plate (MFP)



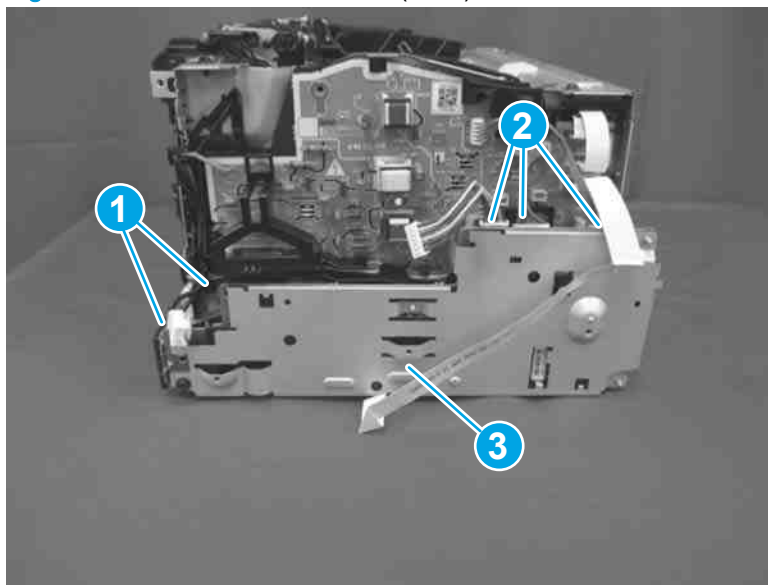
- d. Disconnect one connector (callout 1), remove six screws (callout 2), remove two ground screws (callout 3), and then remove the sheet-metal support plate (callout 4).

**Figure 1-963** Remove the support plate (MFP)



- e. Disconnect three connectors (callout 1), remove two screws (callout 2), and then remove the LVPS (callout 3).

**Figure 1-964** Remove the LVPS (MFP)

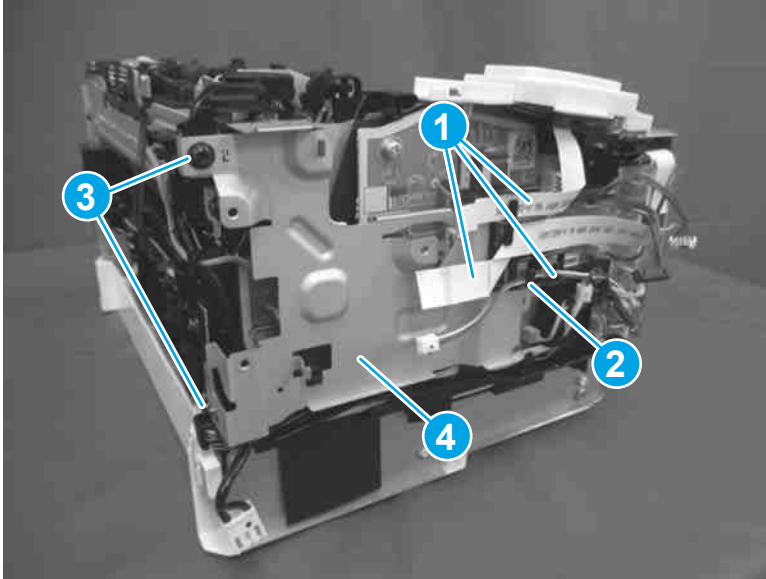


#### Step 14: Remove the transfer assembly

The M101/M106 printer is shown in this procedure. However, the instructions are valid for the M129/M134 printers.

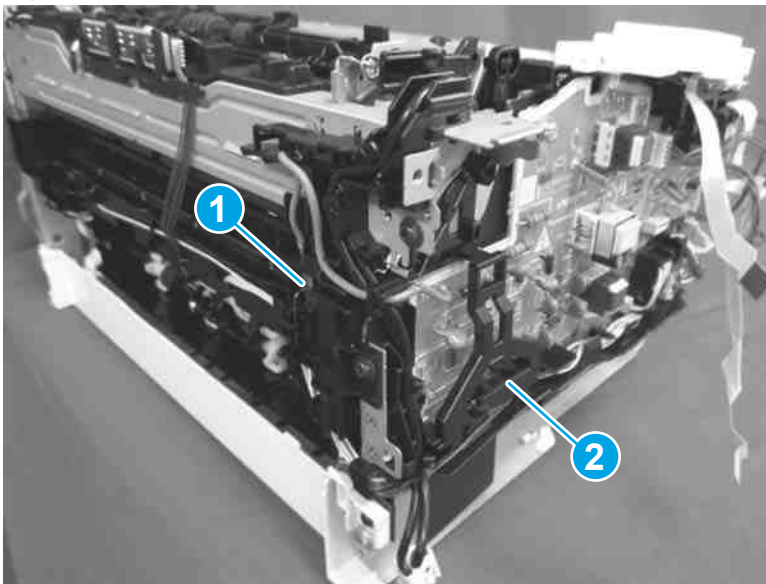
1. **M101/M106 only:** Remove the flat cables and the wire harness (callout 1) from the guide (callout 2), remove two screws (callout 3), and then remove the support plate (callout 4).

**Figure 1-965** Remove the support plate



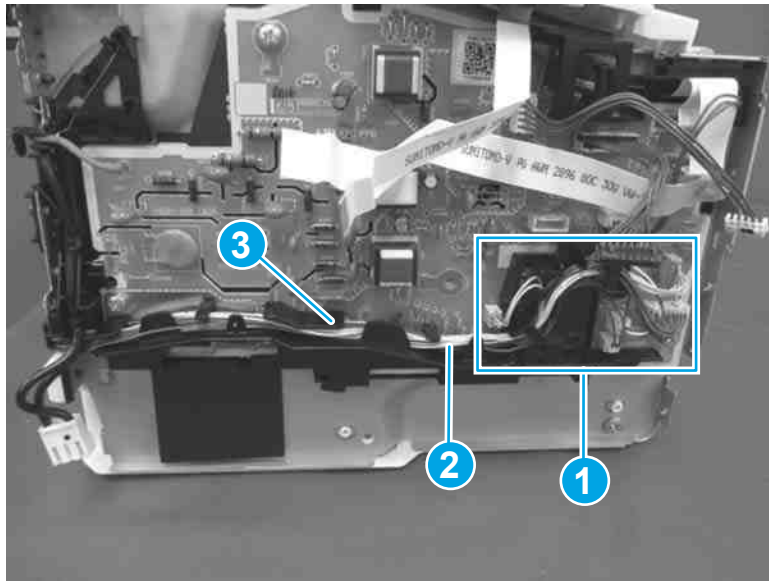
2. Disconnect one connector (callout 1), and then remove the black-plastic support bracket (callout 2).

**Figure 1-966** Disconnect one connector and remove the support bracket



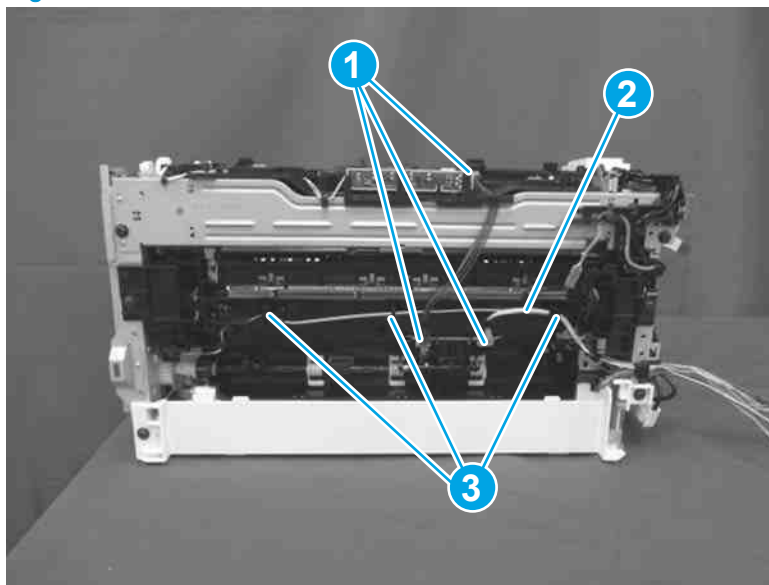
3. Disconnect five connectors (callout 1), and then remove the wire harnesses (callout 2) from the guide (callout 3).

**Figure 1-967** Disconnect five connectors



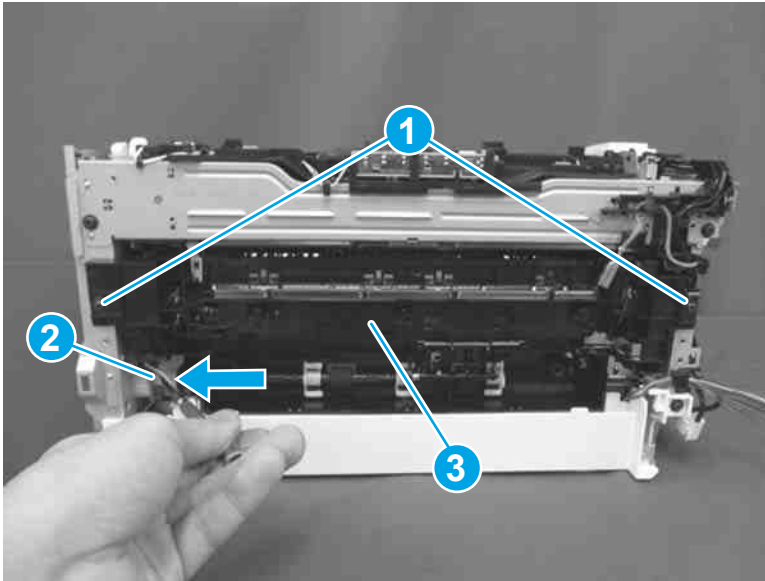
4. Disconnect three connectors (callout 1), and then remove the wire harnesses (callout 2) from the guide (callout 3).

**Figure 1-968** Disconnect three connectors




5. Remove two screws (callout 1), use a small flat-blade screwdriver to move the cam (callout 2) as indicated in the figure below (arrow), and then remove the transfer assembly (callout 3).


**Figure 1-969** Remove the transfer assembly



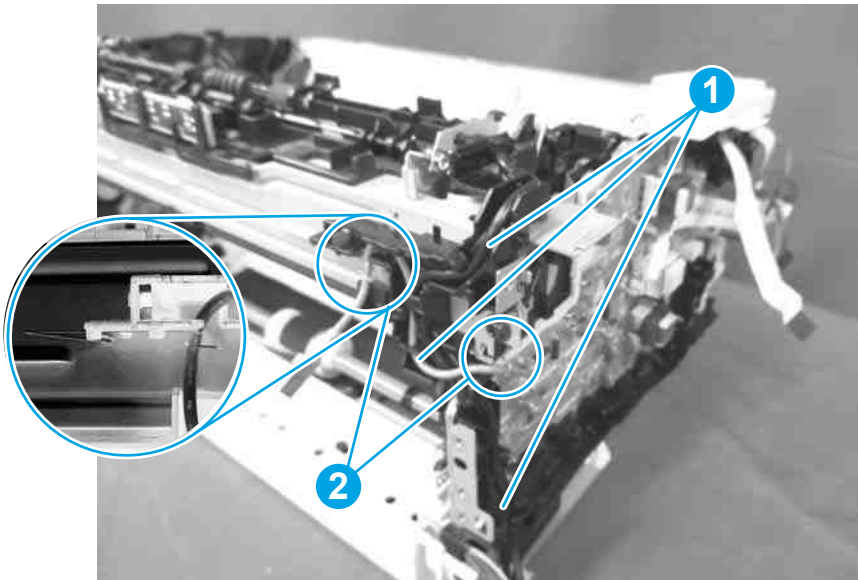
#### Step 15: Remove the fuser

 **NOTE:** The M101/M106 printer is shown in this procedure. However, the procedure is valid for the M129/M134 printers.

1. Release the wire harnesses from the retainer (callout 1).

 **NOTE:** The engine controller unit (ECU) ground wire must be released from two springs (callout 2). Twist the wire around the springs to release it.

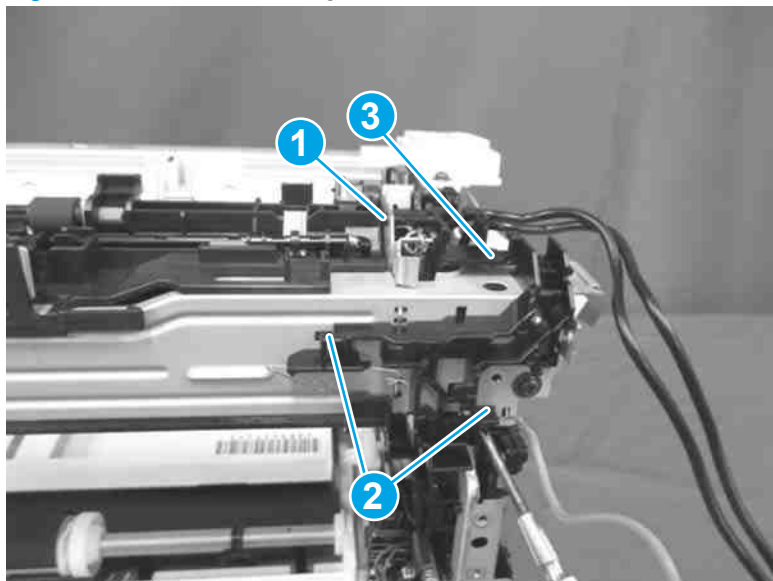
**Figure 1-970** Release the wire harnesses






2. Release one boss (callout 1), release two tabs (callout 2), and then slide the guide (callout 3) upward to remove it.

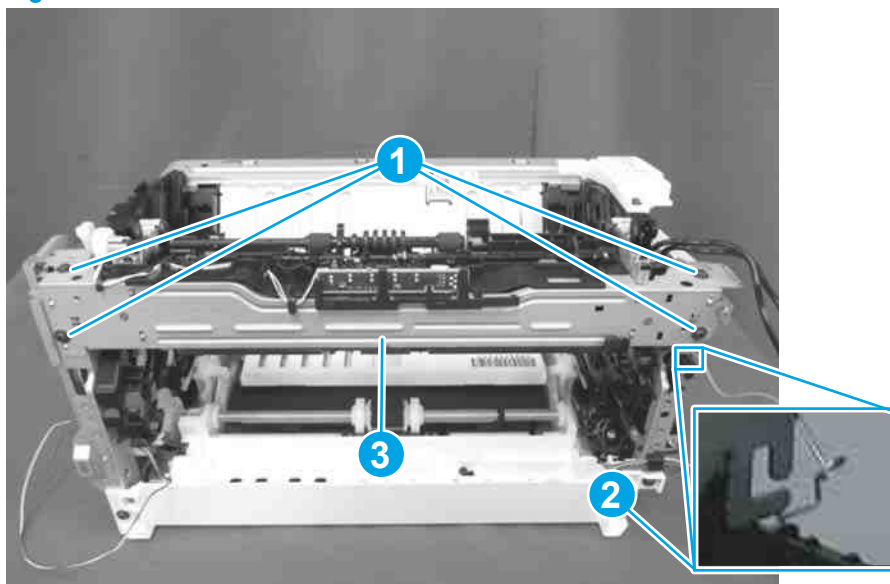
**Figure 1-971** Remove the guide




3. Remove four screws (callout 1), release one spring (callout 2) from the fuser chassis, and then remove the fuser (callout 3).

 **NOTE:** The spring (callout 2) might already have been unhooked when the ECU ground wire was released. This spring is easily dislodged when removing the fuser. Do not lose this spring.

**Figure 1-972** Remove the fuser



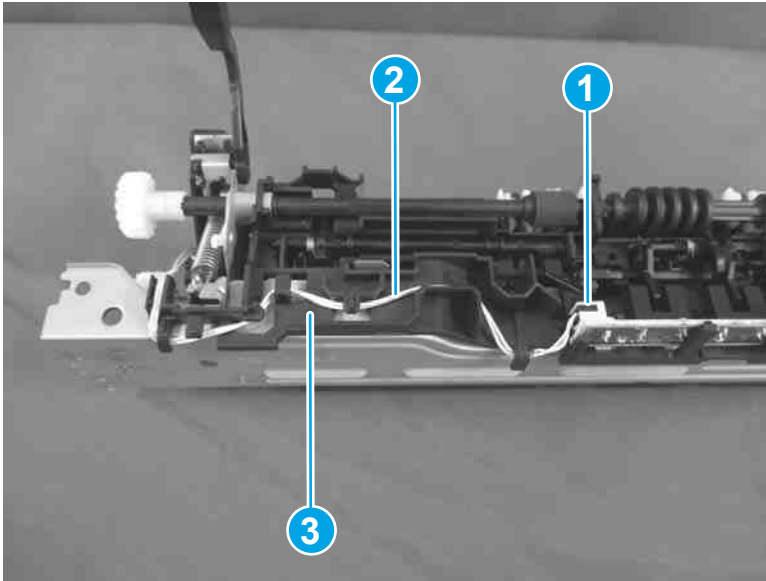
#### Step 16: Remove the fixing film assembly

 **NOTE:** Optional step: If the fixing film assembly is not being replaced, skip this step and go to [Step 17: Unpack the replacement assembly on page 591](#)



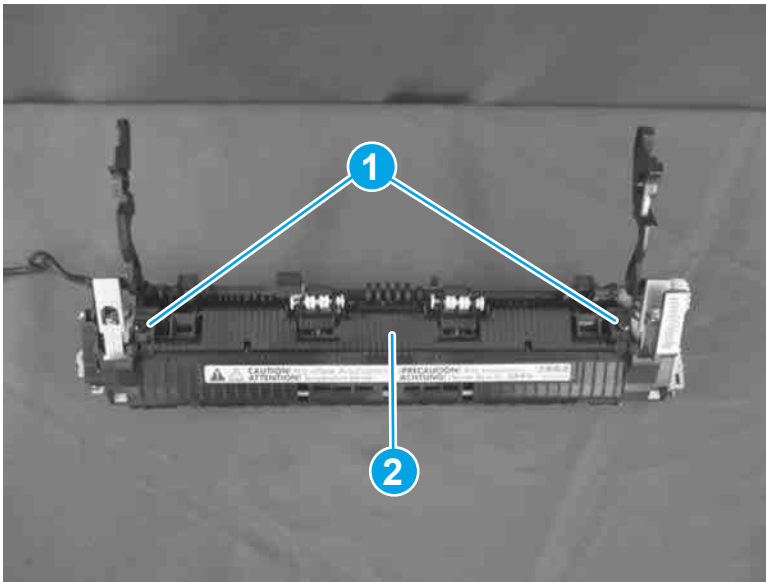
1. Disconnect one connector (callout 1), and then remove the cable (callout 2) from the guide (callout 3).

**Figure 1-973** Disconnect one connector



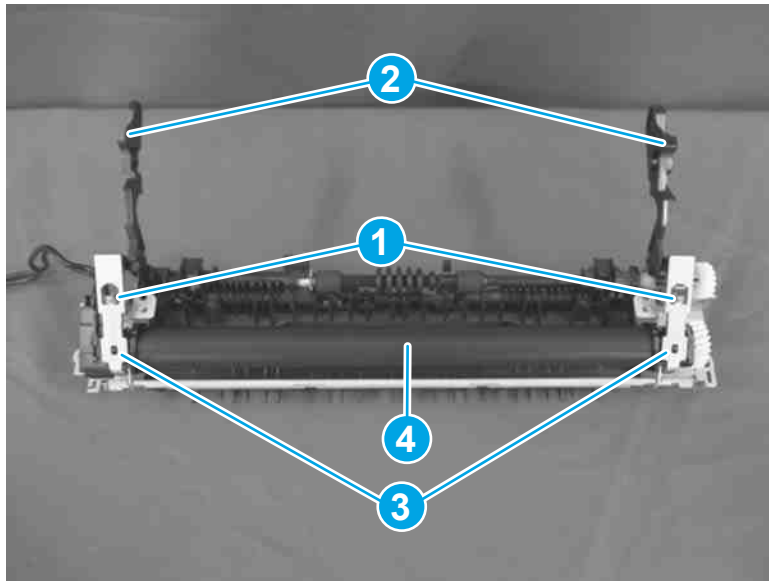
2. Remove two screws (callout 1), and then remove the fuser cover (callout 2).

**Figure 1-974** Remove the fuser cover



3. Release two springs (callout 1), remove two pressure release levers (callout 2), remove two pressure plates (callout 3), and then remove the fuser film (callout 4).

**Figure 1-975** Remove the fuser film



#### Step 17: Unpack the replacement assembly

1. Dispose of the defective part.



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

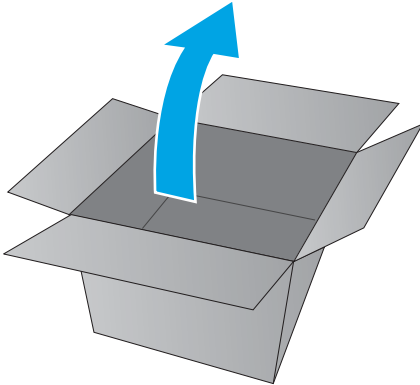
[www.hp.com/recycle](http://www.hp.com/recycle)



2. Unpack the replacement part from the packaging.

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

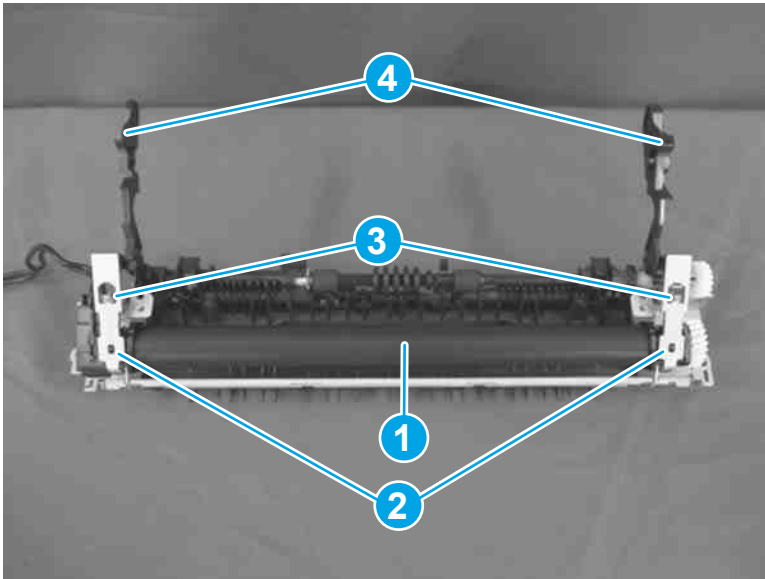


#### Step 18: Install the fixing film assembly

**NOTE:** Optional step: If the fixing film assembly is not being replaced, skip this step and go to [Step 19: Install the fuser on page 593](#)

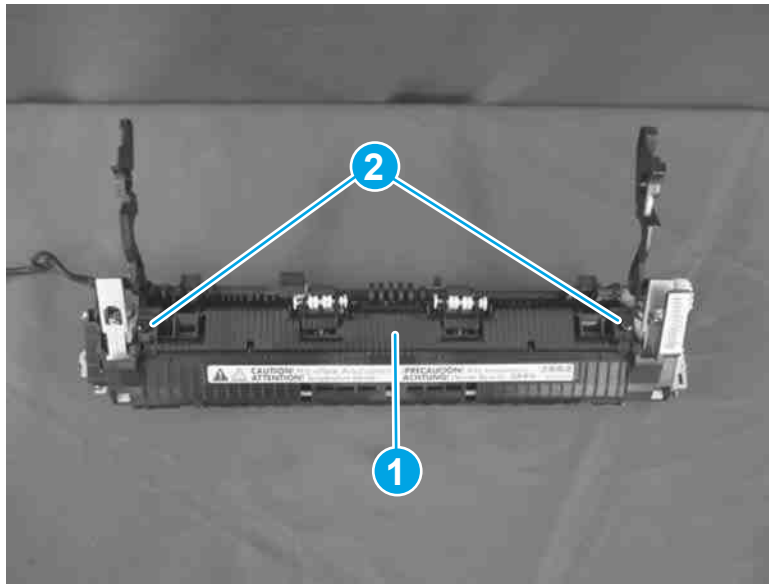
1. Position the fuser film in the fuser (callout 1), install two pressure plates (callout 2), engage two springs (callout 3), and then install two pressure release levers (callout 4).

**Figure 1-976** Install the fuser film



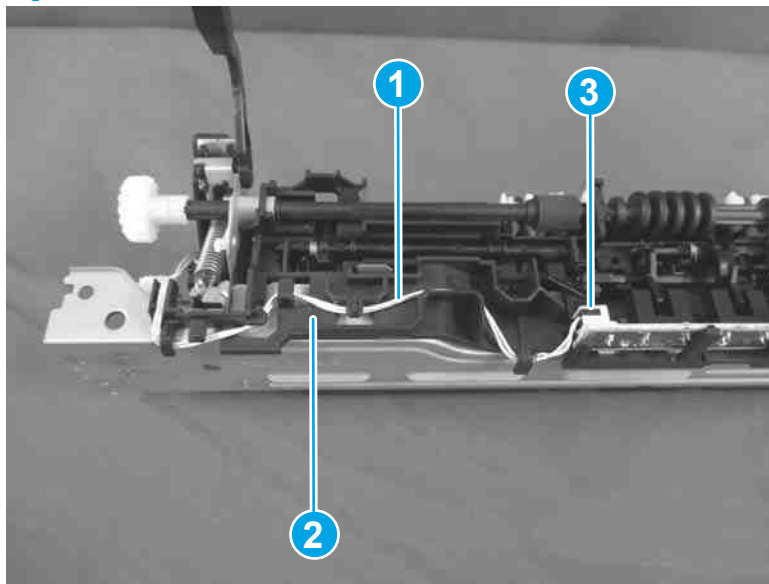
2. Install the fuser cover (callout 1), and then install two screws (callout 2).

**Figure 1-977** Remove the fuser cover




3. Install the cable (callout 1) in the guide (callout 2), and then connect one connector (callout 3).


**Figure 1-978** Connect one connector



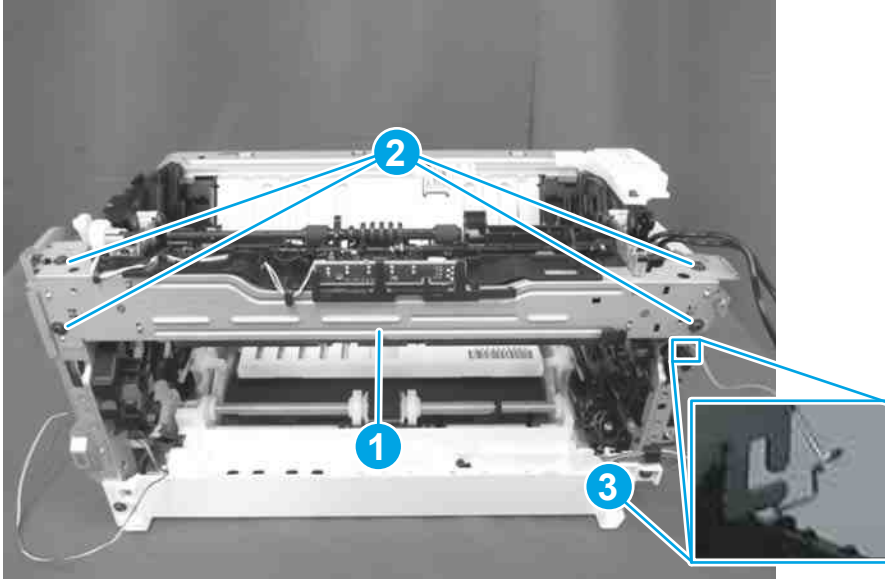
### Step 19: Install the fuser

 **NOTE:** The M101/M106 printer is shown in this procedure. However, the procedure is valid for the M129/M134 printers.

1. Position the fuser (callout 1) on the printer, install four screws (callout 2), and then hook one spring (callout 3) onto the fuser chassis.

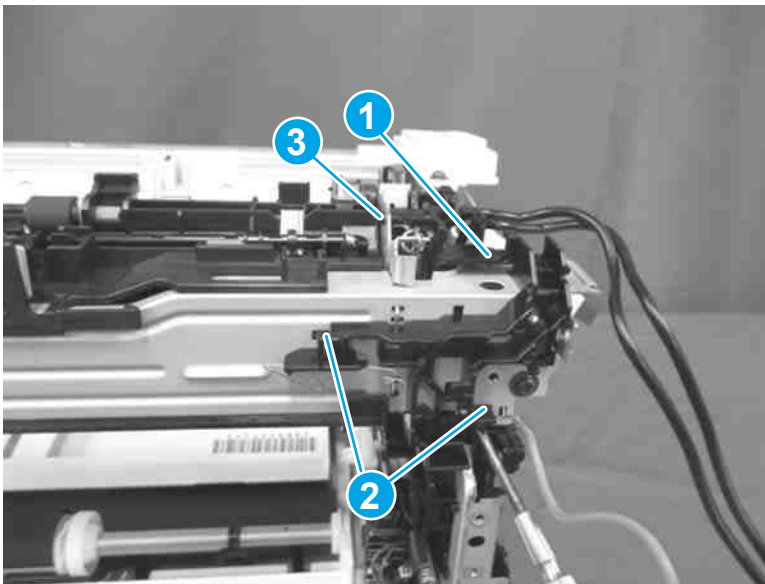
 **NOTE:** The spring (callout 3) is easily dislodged when installing the fuser. Do not lose this spring.

**Figure 1-979** Install the fuser





2. Position the guide (callout 1) on the printer, engage two tabs (callout 2), and then engage one boss (callout 3).

**Figure 1-980** Install the guide

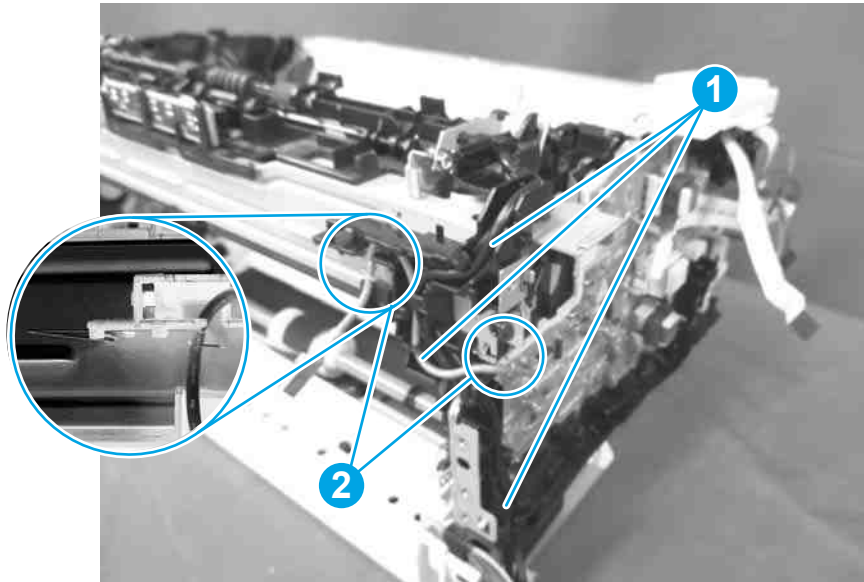


3. Install the wire harnesses in the retainer (callout 1).

 **NOTE:** The engine controller unit (ECU) ground wire must be installed in two springs (callout 2). Twist the wire around the springs to install it.

 **Reinstallation tip:** Install the fuser power wire first, so that the ECU ground wire will pass over it in the guide (not under).

**Figure 1-981** Install the wire harnesses

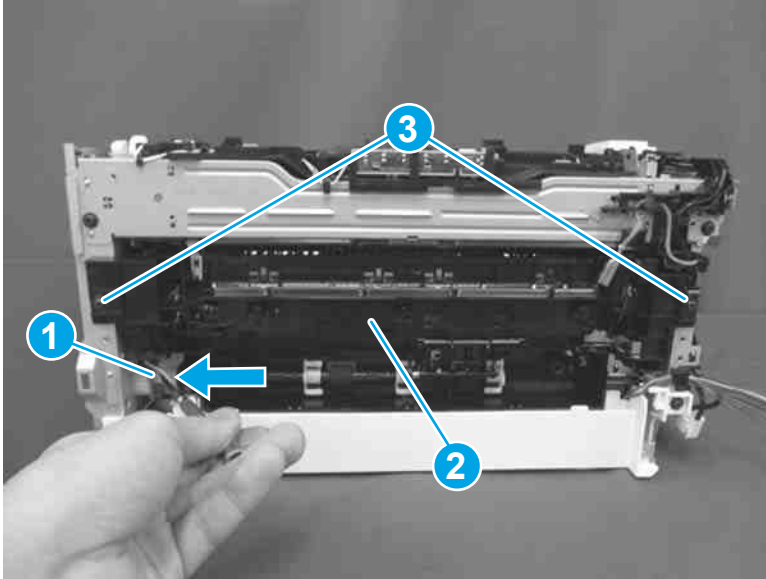


#### Step 20: Install the transfer assembly

The M101/M106 printer is shown in this procedure. However, the instructions are valid for the M129/M134 printers.

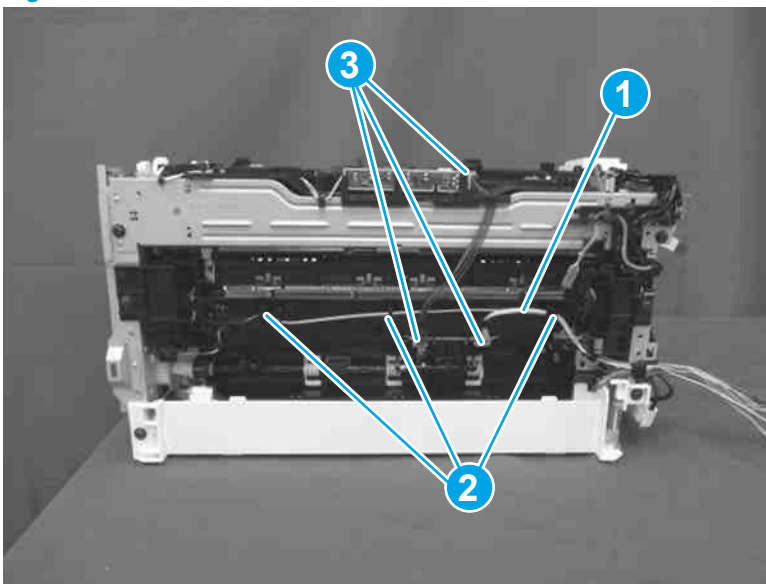
1. Use a small flat-blade screwdriver to move the cam (callout 1) as indicated in the figure below (arrow), install the transfer assembly (callout 2) on the printer, and then install two screws (callout 3).

**Figure 1-982** Install the transfer assembly



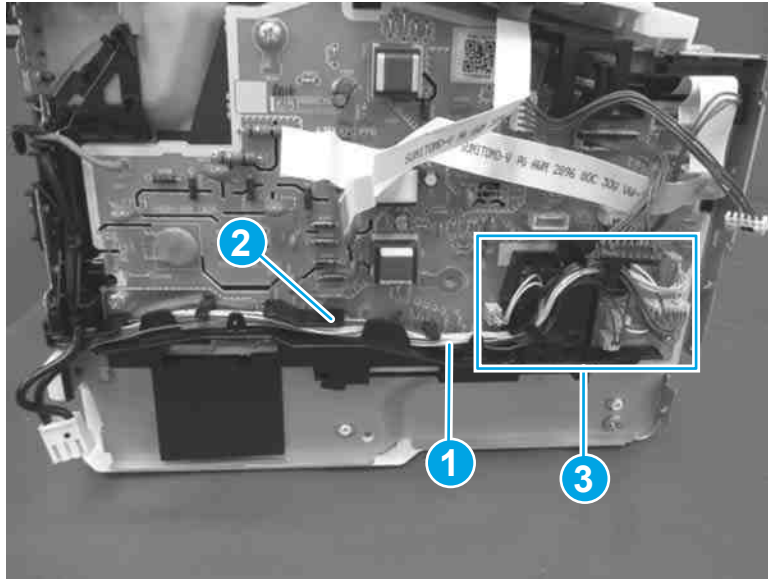
2. Install the wire harnesses (callout 1) in the guide (callout 2), and then connect three connectors (callout 3).

**Figure 1-983** Connect three connectors



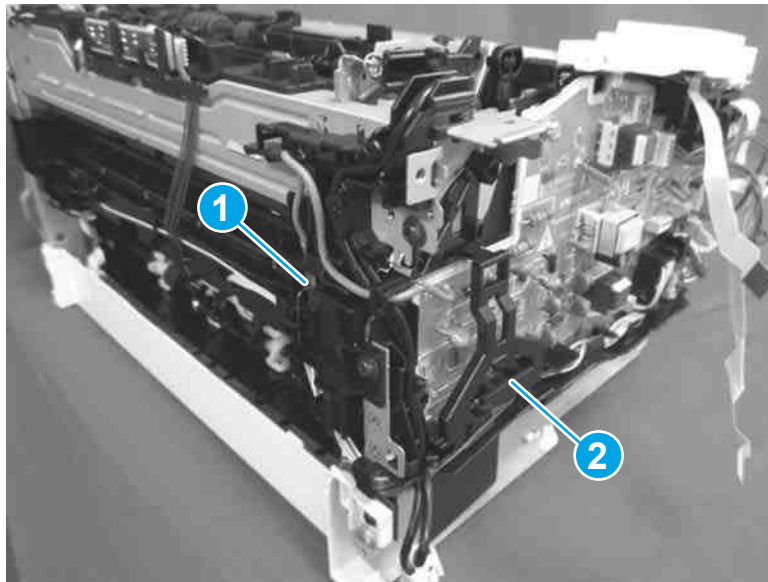
3. Install the wire harnesses (callout 1) in the guide (callout 2), and then connect five connectors (callout 3).

**Figure 1-984** Connect five connectors



4. Connect one connector (callout 1), and then install the black-plastic support bracket (callout 2).

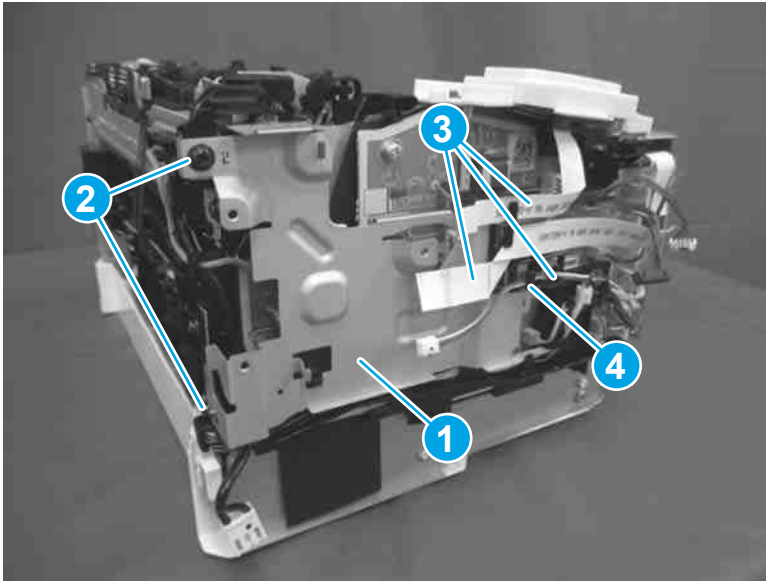
**Figure 1-985** Connect one connector and install the support bracket





5. **M101/M106 only:** Position the support plate (callout 1) on the printer, install two screws (callout 2), and then install the flat cables and the wire harness (callout 3) in the guide (callout 4).

**Figure 1-986** Install the support plate (M101/M106)



#### Step 21: Install the LVPS


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 **CAUTION:**  ESD-sensitive part.

---

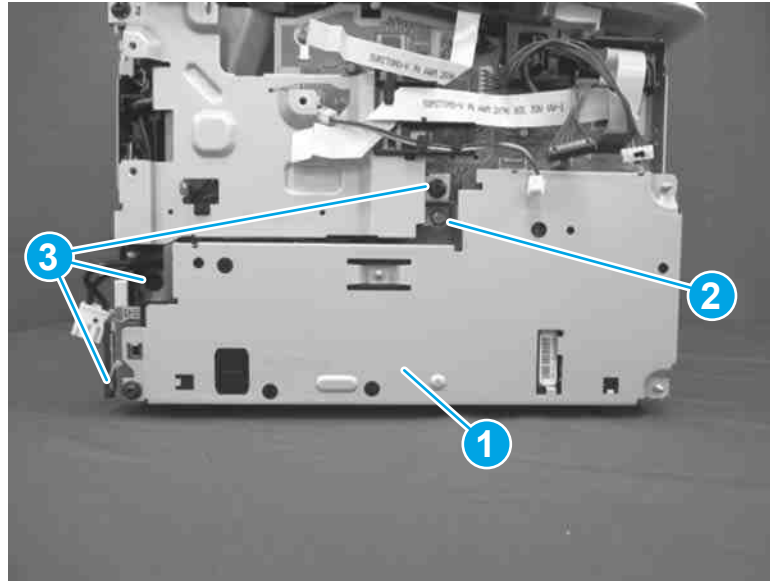
1. **M101/M106:** Do the following.
  - a. Position the LVPS on the printer (callout 1), install one ground screw (callout 2), and then install three screws (callout 3).

---

 **NOTE:** The figures in this section show the formatter PCA removed. However, removing the formatter is not required for the M101/M106P printers.

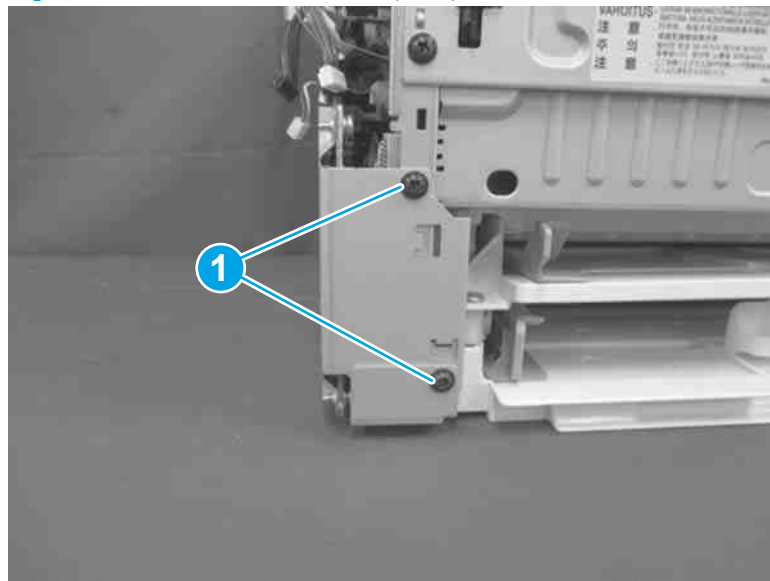
---

**Figure 1-987** Install the LVPS (SFP)



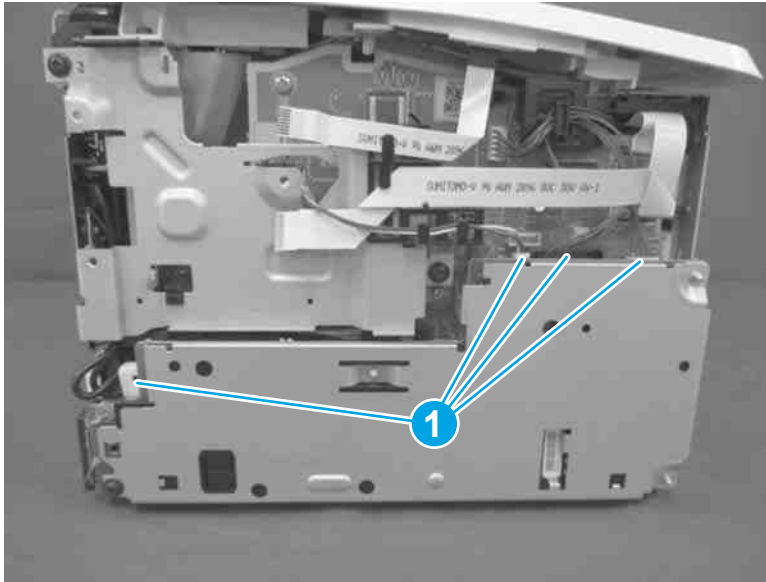
- b. Install two screws (callout 1).

**Figure 1-988** Install two screws (SFP)



- c. Connect four connectors (callout 1).

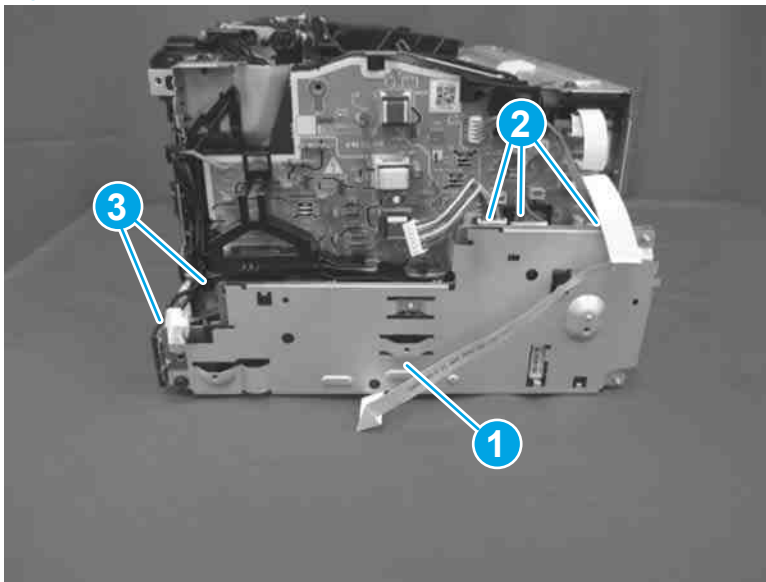
**Figure 1-989** Connect four connectors (SFP)



- 2. **M129/M134:** Do the following.

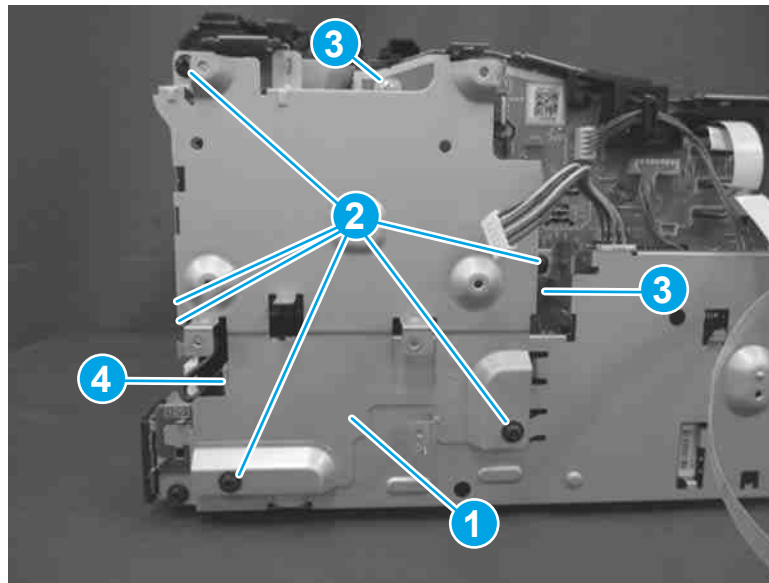
- a. Position the LVPS on the printer (callout 1), connect three connectors (callout 2), and then install two screws (callout 3).

**Figure 1-990** Install the LVPS (MFP)



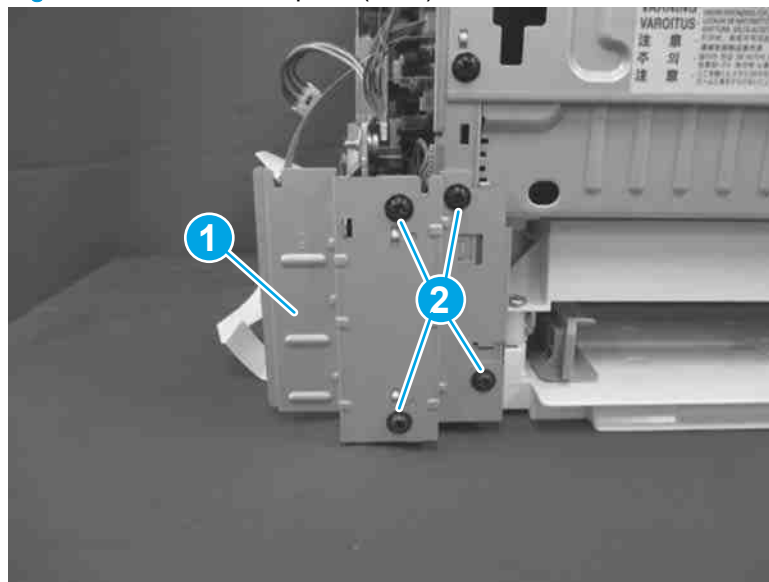
- b. Position the sheet-metal support plate (callout 1) on the printer, install six screws (callout 2), install two ground screws (callout 3), and then connect one connector (callout 4).

**Figure 1-991** Install the support plate (MFP)



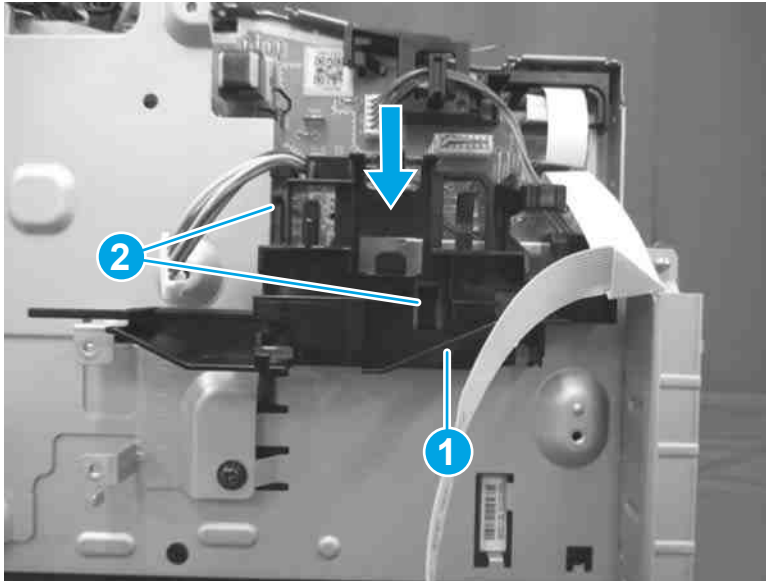
- c. Position the sheet-metal plate (callout 1) on the printer, and then install four screws (callout 2).

**Figure 1-992** Install the plate (MFP)



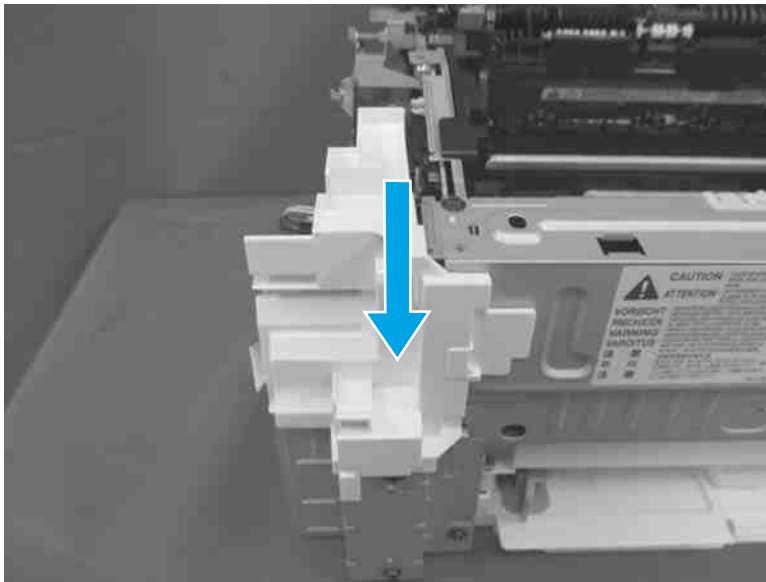
- d. Position the guide (callout 1) on the printer, and then push down to install it. Make sure that the two (callout 2) snap into place.

**Figure 1-993** Install the guide (MFP)



- e. Install the white-plastic cover.

**Figure 1-994** Install the white-plastic cover (MFP)



## Step 22: Install the formatter PCA (SFP)



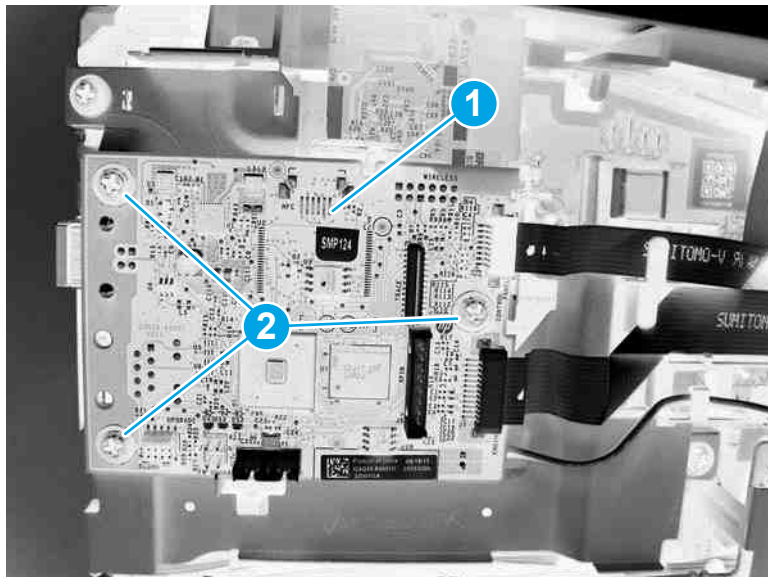
**NOTE:** This step is for the M101/M106 printers. For the M129/M134 printers, skip this step and go to [Step 23: Install the top cover assembly \(MFP\) on page 603](#).

 **CAUTION:**  ESD-sensitive part.

- ▲ Install the formatter (callout 1) on the printer, install three screws (callout 2), and then connect any loose wire harnesses or flat cables.

 **NOTE:** Some connectors might be connected later when other assemblies are installed.

**Figure 1-995** Install the formatter

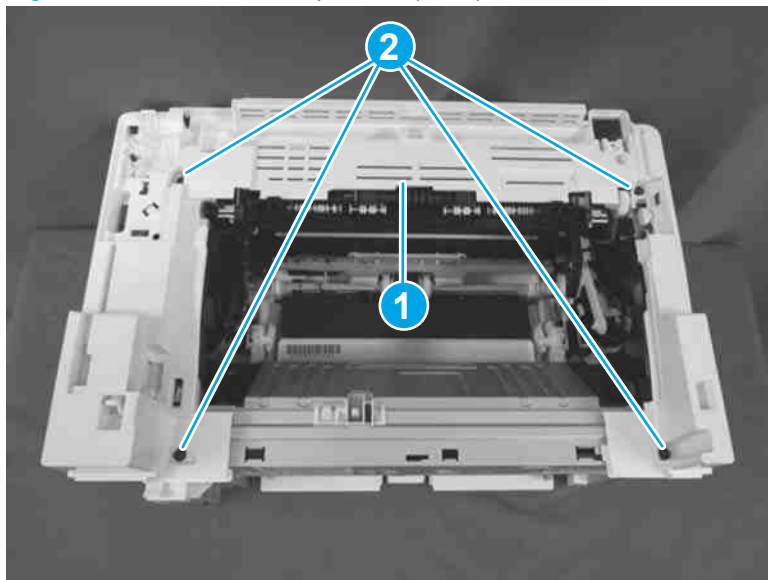


### Step 23: Install the top cover assembly (MFP)


 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 24: Install the cartridge door on page 604](#).

- ▲ Position the top cover (callout 1) on the printer, and then install four screws (callout 2).

**Figure 1-996** Install the top cover (MFP)

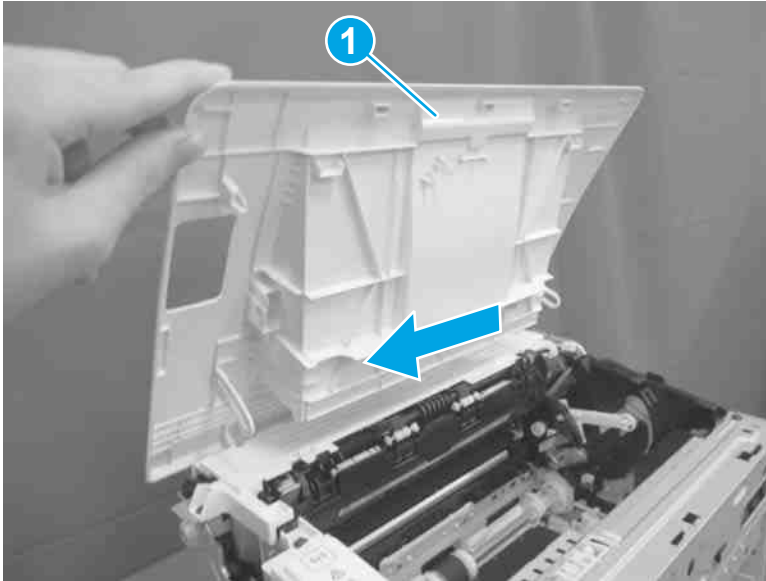


## Step 24: Install the cartridge door

 **NOTE:** The figures in the following procedure show the M101/M106 printers. However, the procedure is correct for the M129/M134 printers.

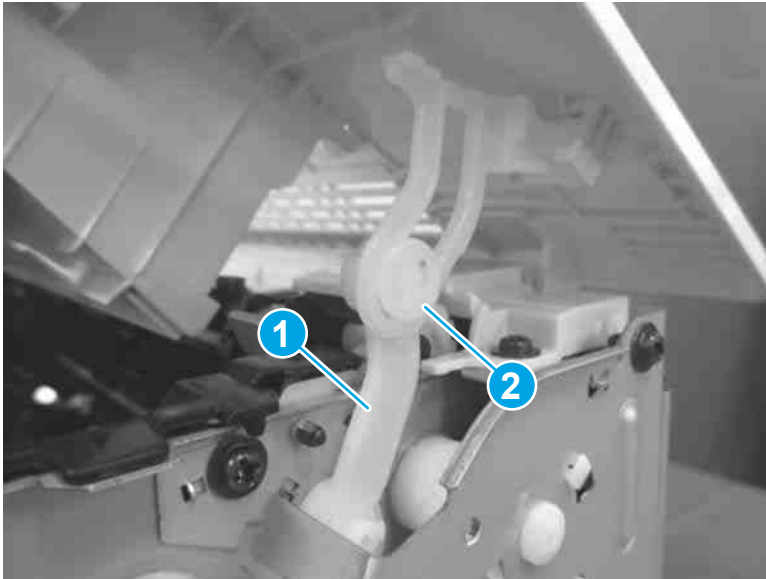
1. Position the cartridge door (callout 1) on the printer, and then slide it toward the left-side of the printer to install it.

**Figure 1-997** Install the cartridge door



2. Before proceeding, note that the lower right-side link arm (callout 1) connects with a small white-plastic clip (callout 2). Do not drop the clip into the printer when it is installed.

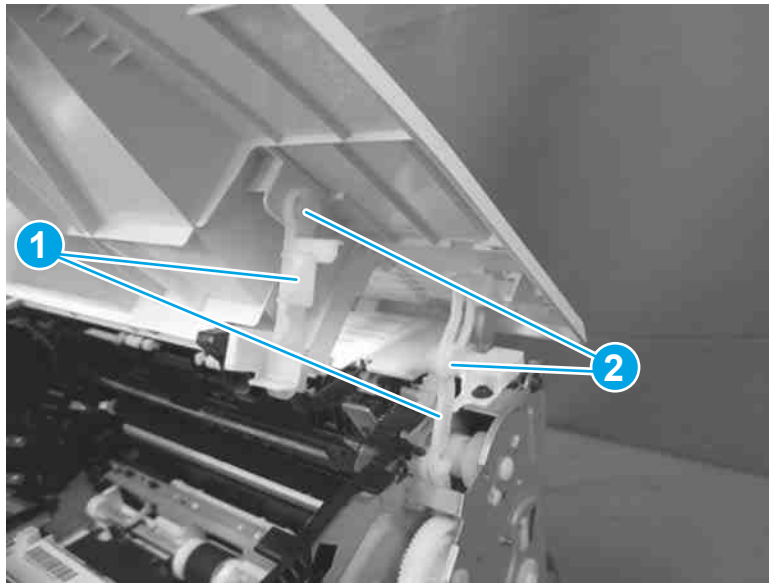
**Figure 1-998** Right-side link arm



3. Connect two link arms (callout 1), and then engage two tabs (callout 2; install one clip).

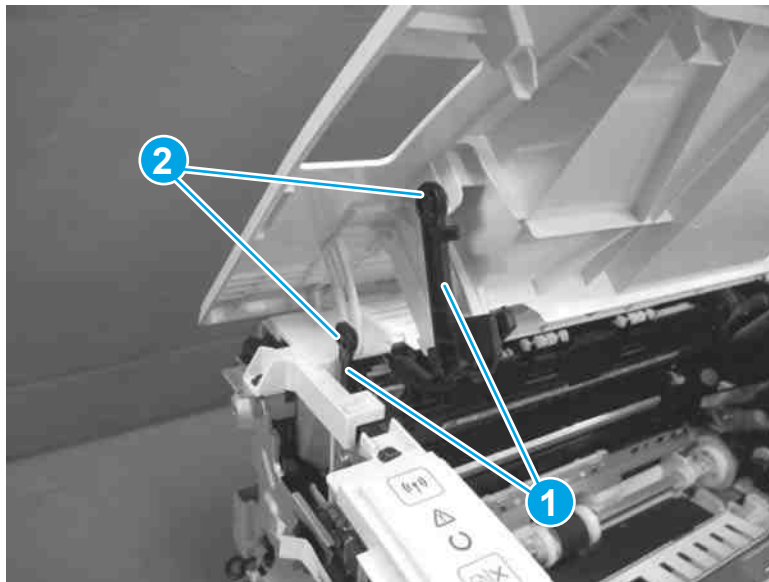
**⚠ CAUTION:** Do not drop the clip into the printer when it is removed.

**Figure 1-999** Connect two link arms



4. Connect two link arms (callout 1), and then engage two tabs (callout 2).

**Figure 1-1000** Connect two link arms



#### Step 25: Install the rear panel

1. **M101/M106:** Do the following.
  - a. Position the rear panel (callout 1) on the printer.

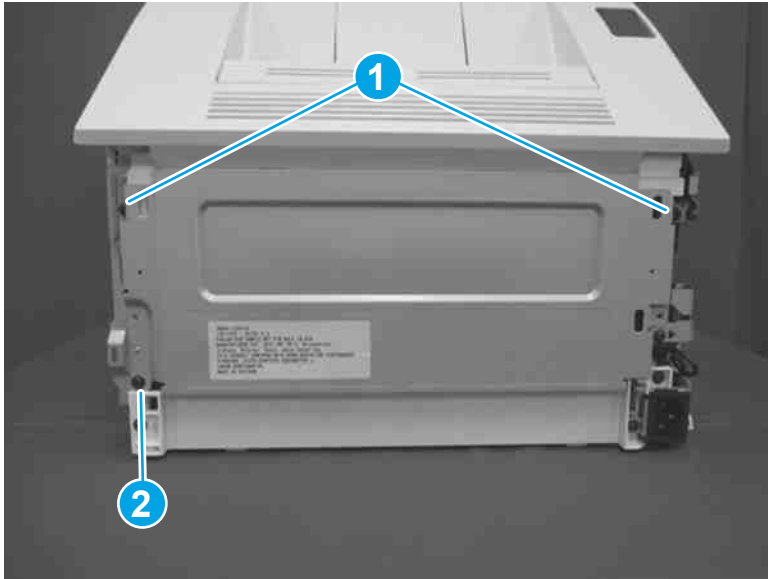


**Figure 1-1001** Install the rear panel (SFP)



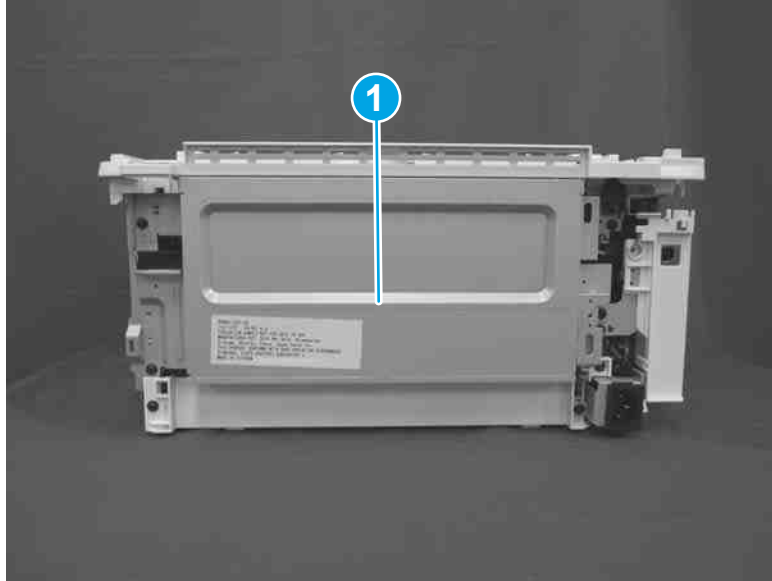
- b. Enage two tabs (callout 1), and then install one screw (callout 1).

**Figure 1-1002** Install one screw (SFP)



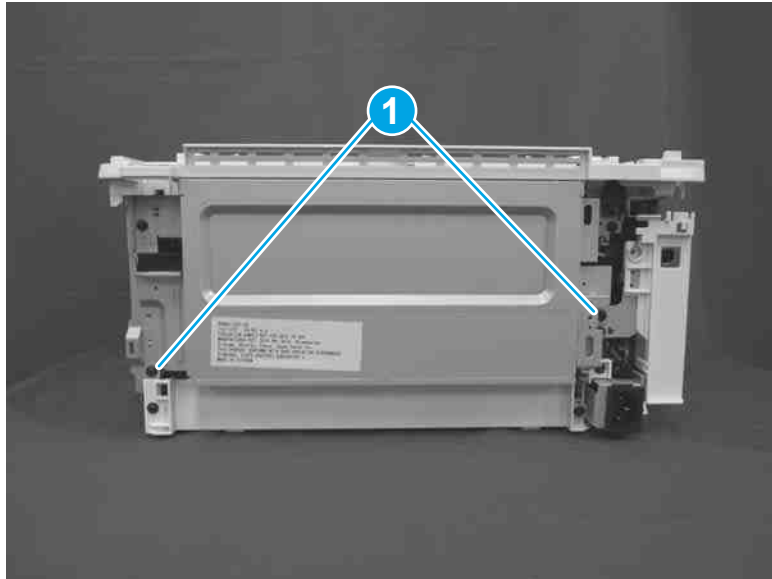
- 2. **M129/M134:** Do the following.
  - a. Position the rear panel (callout 1) on the printer.

**Figure 1-1003** Install the rear panel (MFP)



- b. Install two screws (callout 1).


**Figure 1-1004** Install two screws (MFP)



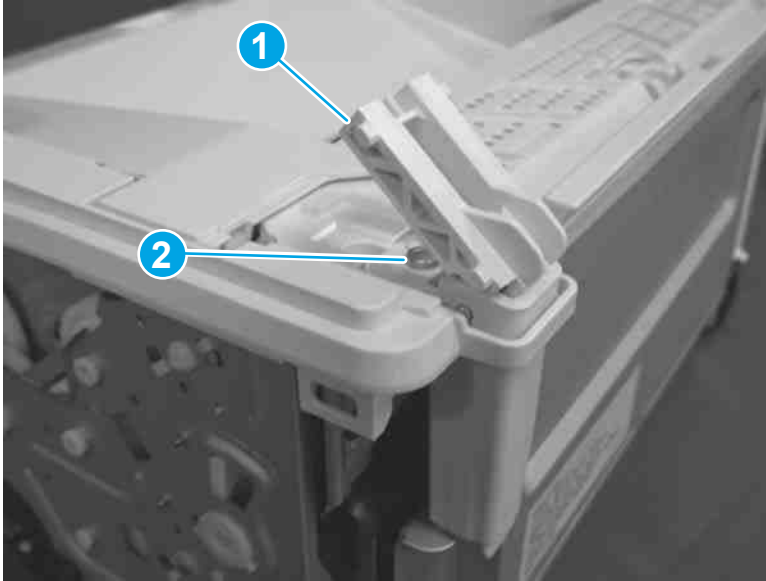
#### Step 26: Install the hinge assembly (MFP)

 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 27: Install the front cover assembly on page 608](#).

- ▲ Position the hinge assembly (callout 1) on the printer, and then install one screw (callout 1).

 **Reinstallation tip:** Make sure that the inside boss on the hinge assembly is properly seated in the slot in the sheet-metal rear cover. If it is not properly seated, the ISA or IS will not correctly close.

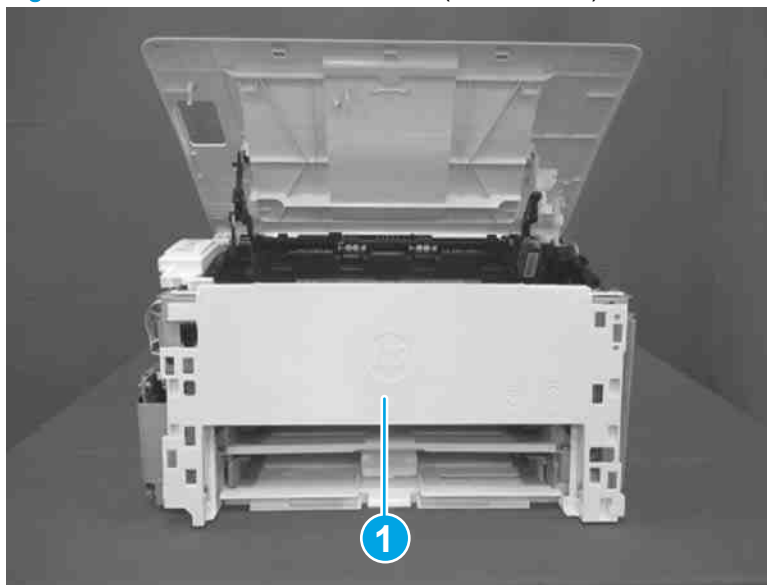
**Figure 1-1005** Install the hinge assembly (MFP)



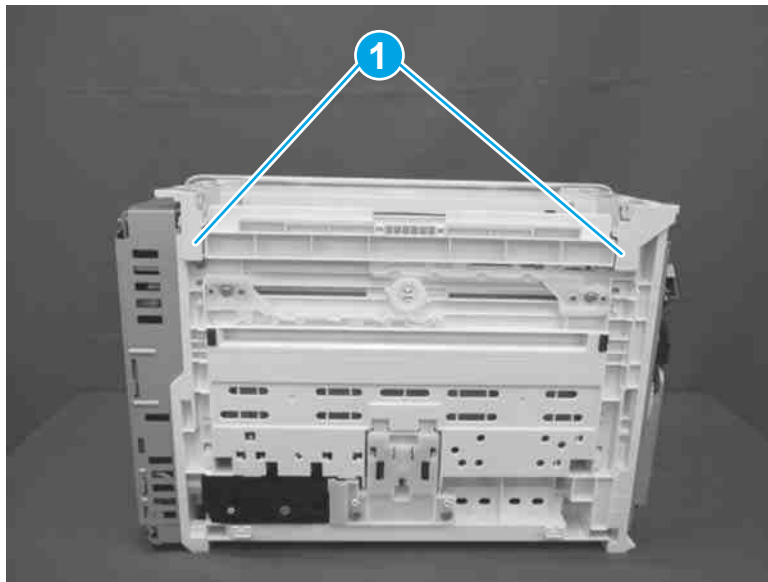
**Step 27: Install the front cover assembly**

1. **M101/M106:** Do the following.
  - a. Position the front cover (callout 1) on the printer.

**Figure 1-1006** Install the front cover (M101/M106)

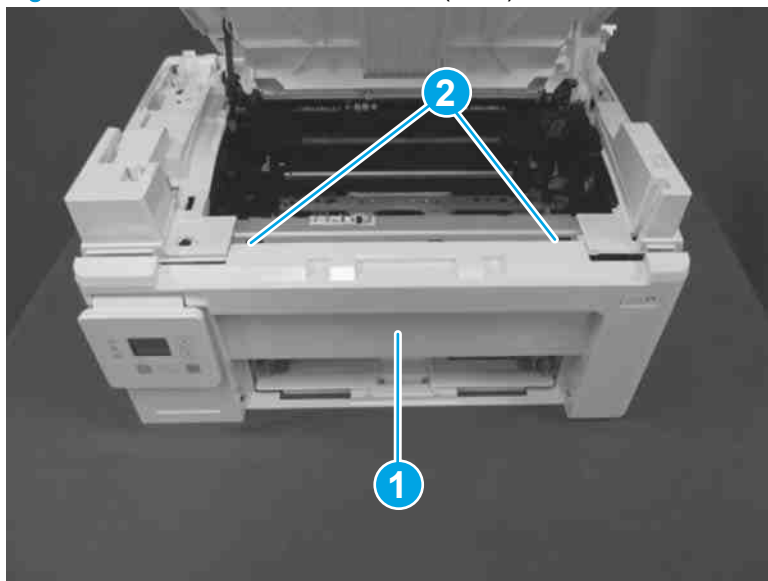


- Figure 1-1007** Engage two tabs (M101/M106)



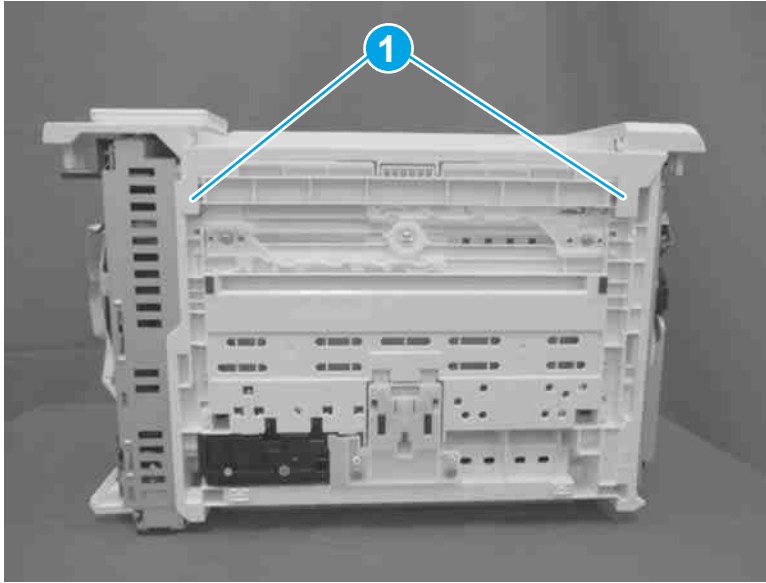
- a.** Position the front cover on the printer (callout 1), and then engage two bosses (callout 2).

**Figure 1-1008** Install the front cover (MFP)



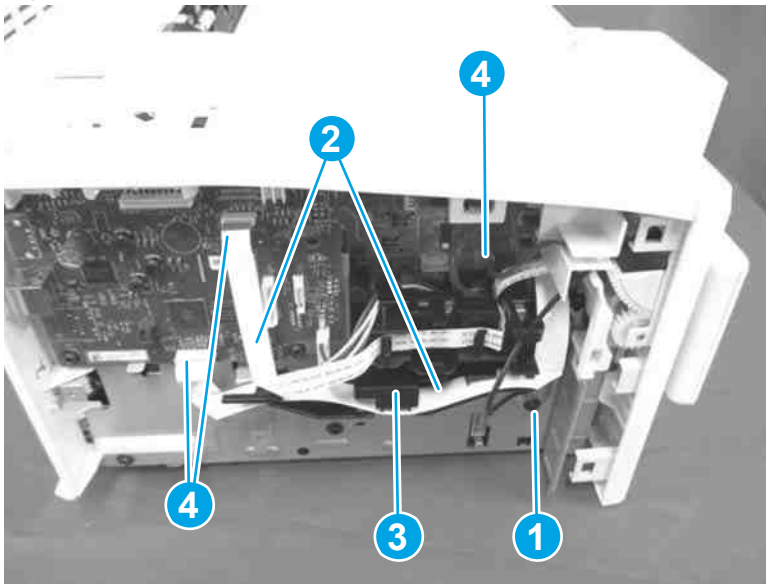
- b. Turn the printer over to rest on the rear panel, and then engage two tabs (callout 1).  
Return the printer the normal position.

**Figure 1-1009** Engage two tabs (MFP)



- c. Install one screw (callout 1), install the wire harness and flat cables (callout 2) in the guide (callout 3), and then connect three connectors (callout 4).

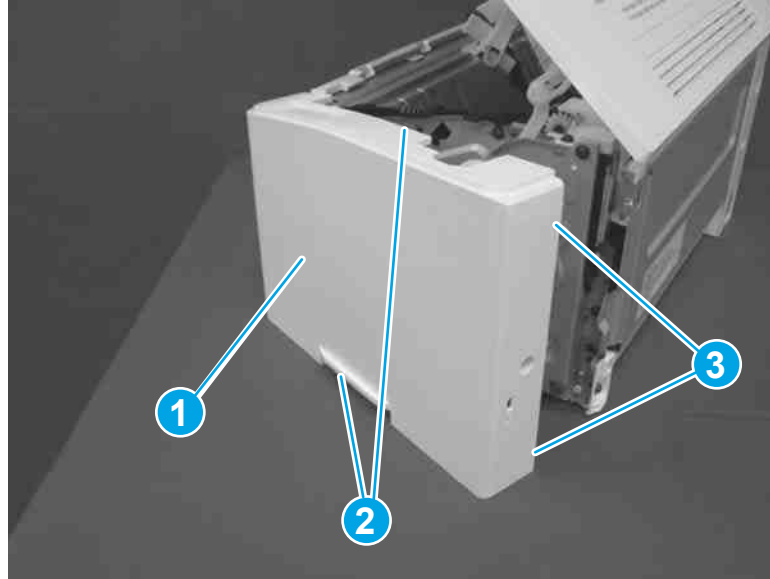
**Figure 1-1010** Connect connectors (MFP)



#### Step 28: Install the right cover

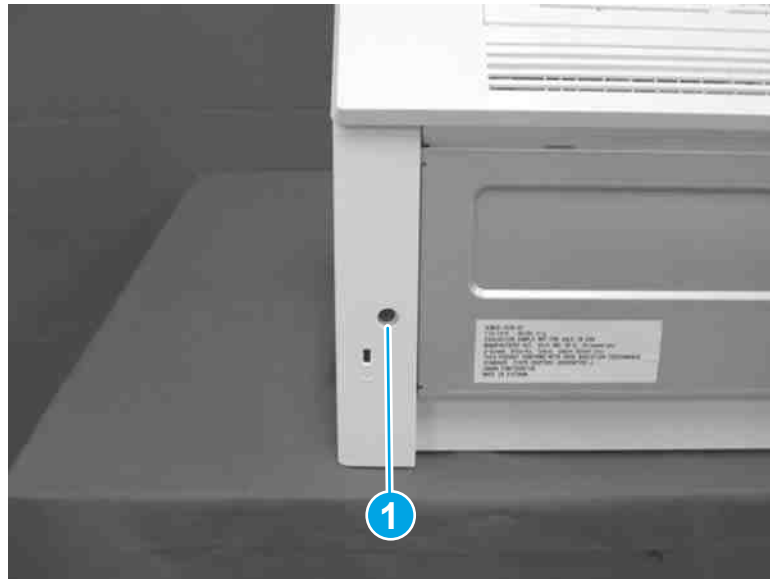
1. **M101/M106:** Do the following.
  - a. Position the right cover (callout 1) on the printer, engage two tabs (callout 2), and then engage two bosses (callout 3).

**Figure 1-1011** Install the right cover (SFP)



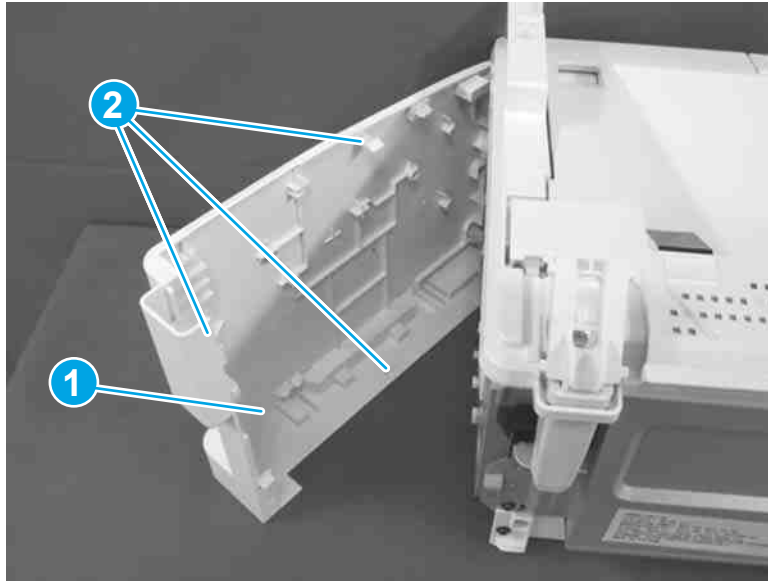
- b. Install one screw (callout 1).

**Figure 1-1012** Install one screw (SFP)



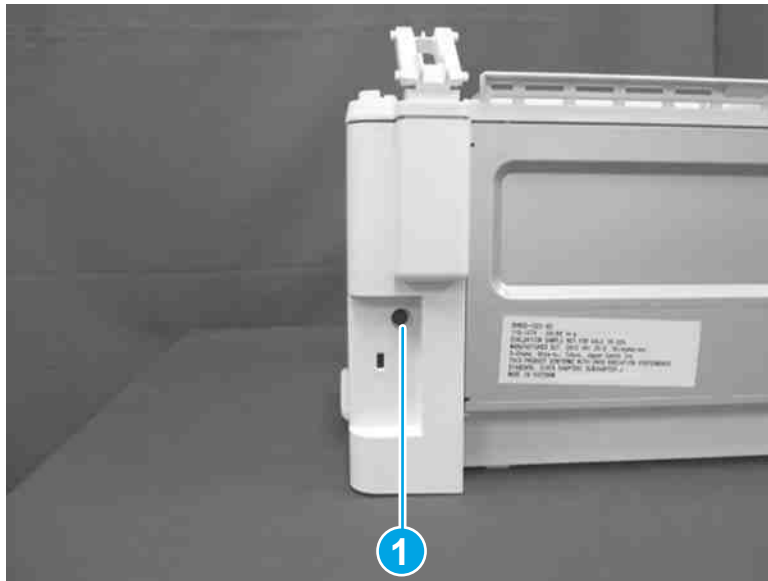
- c. Close the cartridge door.
- 2. **M129/M134:** Do the following.
    - a. Position the right cover (callout 1) on the printer, and then engage three tabs (callout 2).

**Figure 1-1013** Install the right cover (MFP)





- b. Install one screw (callout 1).

**Figure 1-1014** Install one screw (MFP)



### Step 29: Install the ISA or the IS (MFP)

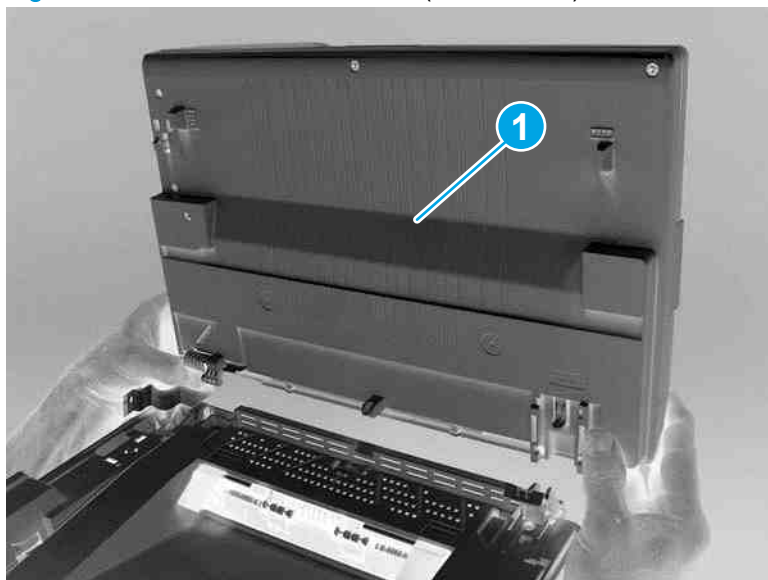
 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 32: Install the left cover on page 617](#).

 **NOTE:** The integrated scanner assembly (ISA) includes the sub-scanner assembly (SSA) and the automatic document feeder (ADF). The image scanner (IS) includes a flatbed scanner only (no ADF).

The figures in this procedure show an ISA printer. However the procedure is correct for IS printers.

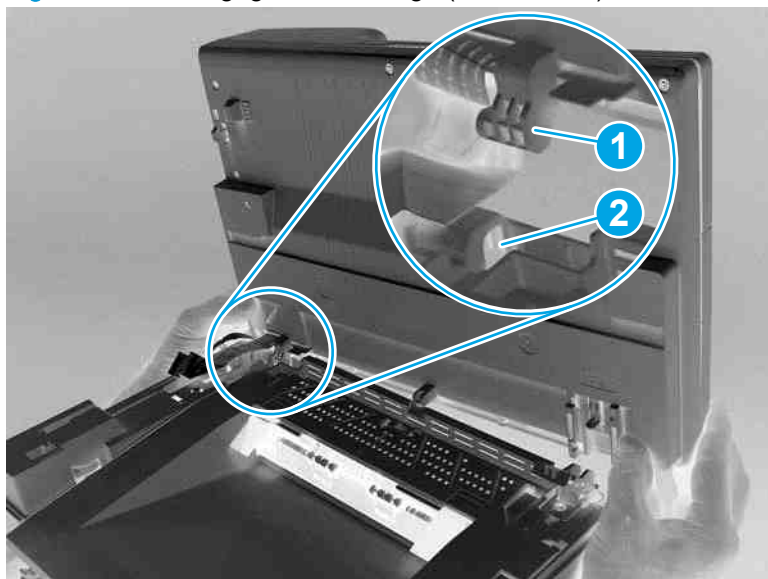
1. Position the ISA or IS (callout 1) near the printer.

**Figure 1-1015** Install the ISA or IS (M129/M134)



2. Engage the left hinge (callout 1) with the top cover (callout 2).

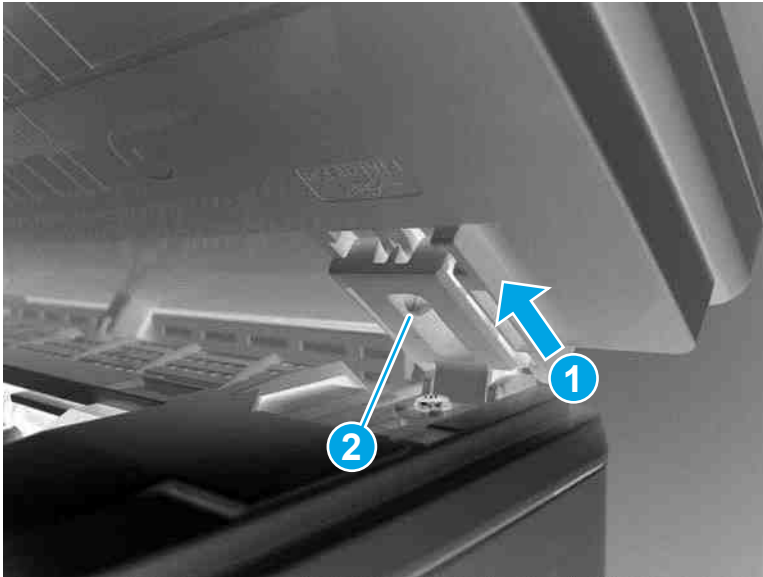
**Figure 1-1016** Engage the left hinge (M129/M134)






3. Push the right side of the ISA or IS toward the front of the printer to engage the right hinge (callout 1). Make sure that the tab (callout 2) snaps into place.

**Figure 1-1017** Engage the right hinge (M129/M134)

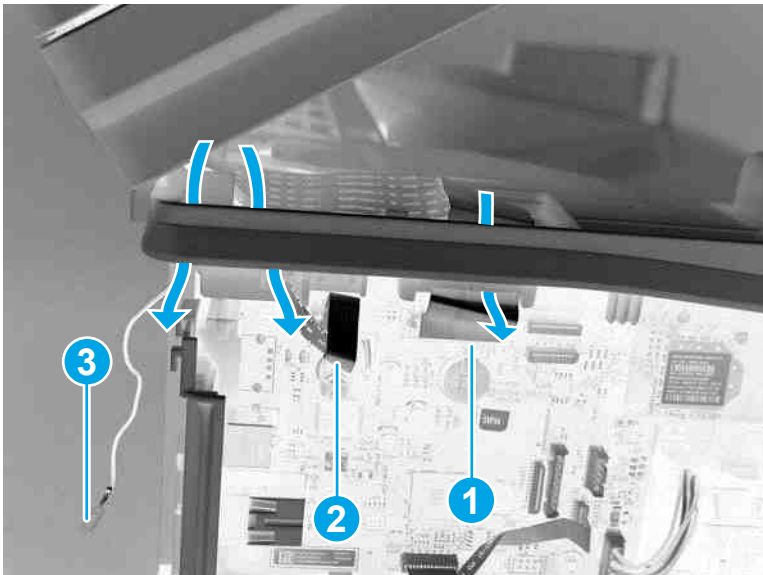


4. **ISA models only:** Pass the flat cables (callout 1/2) and the ground wire (callout 3) through the opening in the chassis, and then connect two flat cables.

**IS models only:** Pass the flat cable (callout 1) through the opening in the chassis, and then connect one flat cable.

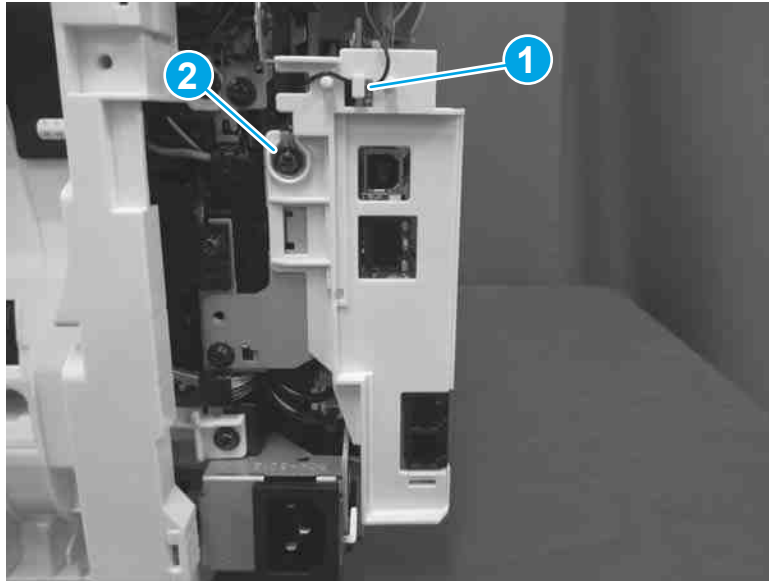
 **NOTE:** The IS model does not have the small flat cable (callout 2) or a ground wire (callout 3).

**Figure 1-1018** Connect flat cable(s)




5. **ISA models only:** Install the ground wire in the retainer (callout 1), and then install one screw (callout 2).

**Figure 1-1019** Install the ground wire (ISA models)

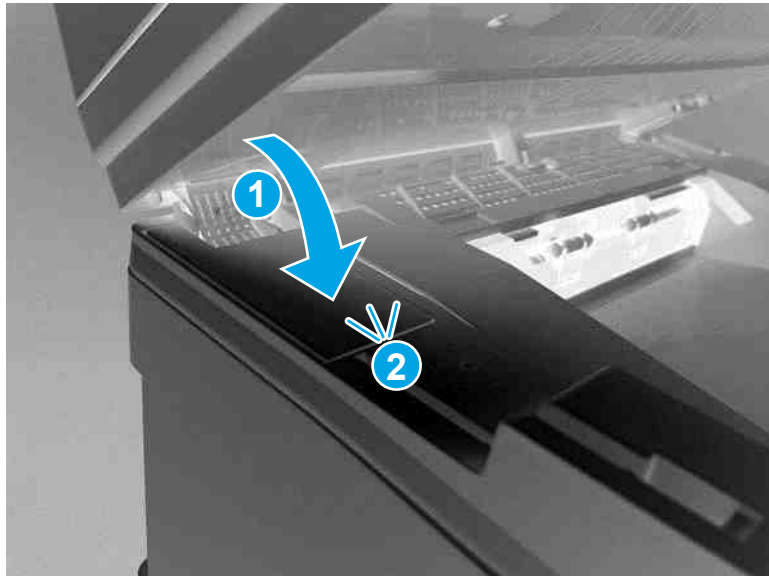


#### Step 30: Install the cable cover (MFP)

 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 32: Install the left cover on page 617](#).

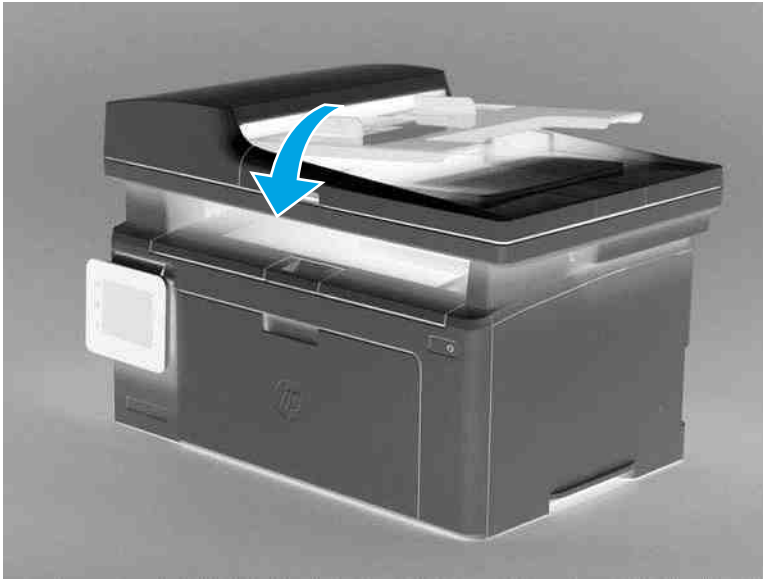
1. Install the cable cover (callout 1), on the printer, and then push down to engage one tab (callout 2).

**Figure 1-1020** Install the cable cover (MFP)




2. Close the ISA or the IS.

**Figure 1-1021** Close the ISA or the IS (MFP)



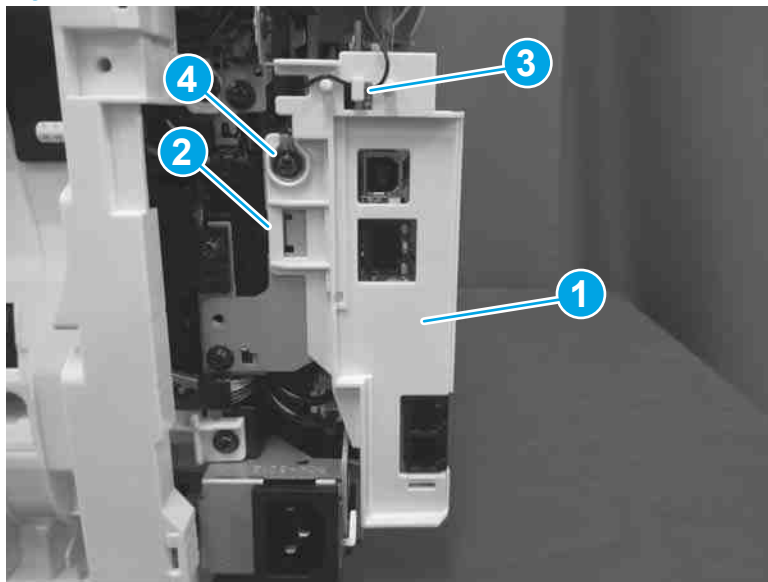
### Step 31: Install the USB cover (MFP)

 **NOTE:** This step is for the M129/M134 printers. For the M101/M106 printers, skip this step and go to [Step 32: Install the left cover on page 617](#).

▲ Do the following:

- Position the USB cover (callout 1) on the printer, and then make sure that one tab (callout 2) is engaged.
- **Integrated scanner assembly (ISA) models only:** Install one wire harness in the guide (callout 3), and then install one screw (callout 4).

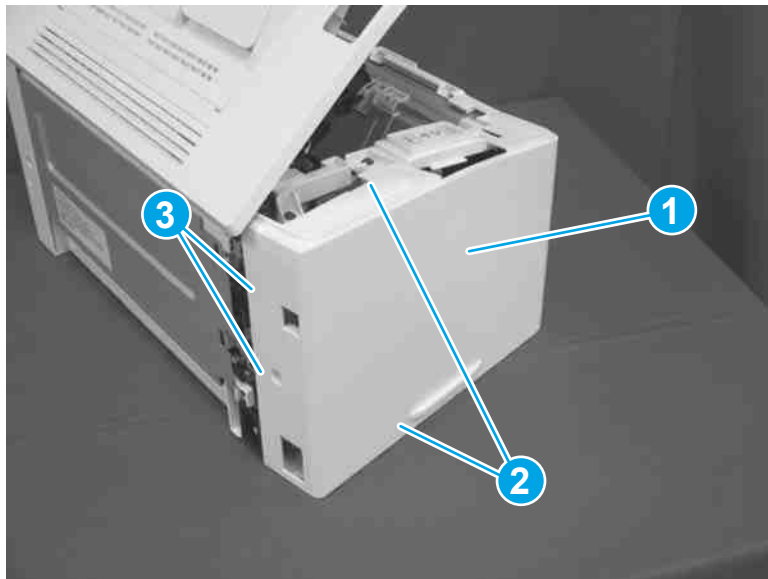
**Figure 1-1022** Install the USB cover (MFP)



## Step 32: Install the left cover

1. **M101/M106:** Do the following.
  - a. Position the left cover (callout 1) on the printer, engage two tabs (callout 2), and then engage two bosses (callout 3).

**Figure 1-1023** Install the left cover (SFP)



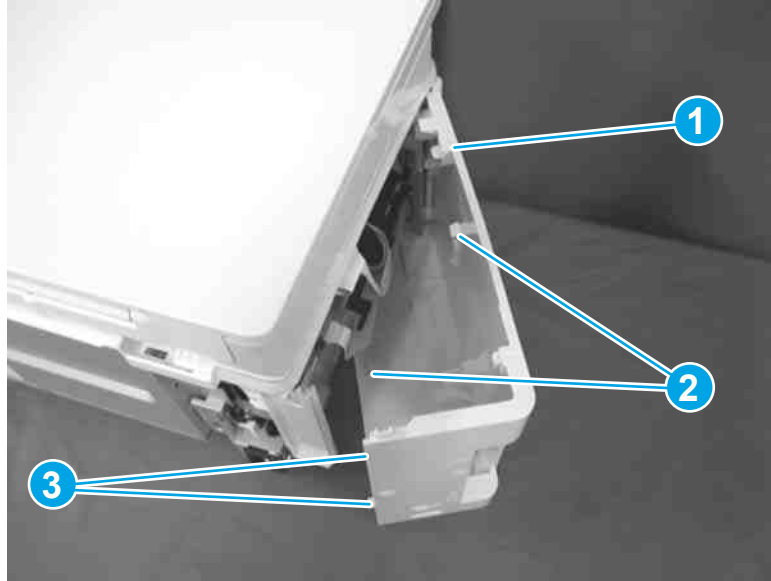
- b. Install one screw (callout 1).

**Figure 1-1024** Install one screw (SFP)



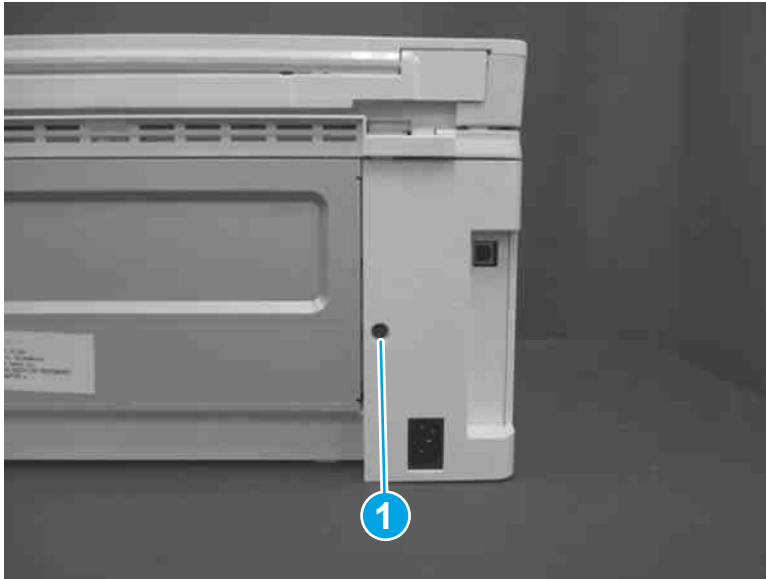
- c. Close the cartridge door.
2. **M129/M134:** Do the following.
  - a. Position the left cover (callout 1) on the printer, engage two tabs (callout 2), and then engage two bosses (callout 3).

**Figure 1-1025** Install the left cover (MFP)



- b. Install one screw (callout 1).

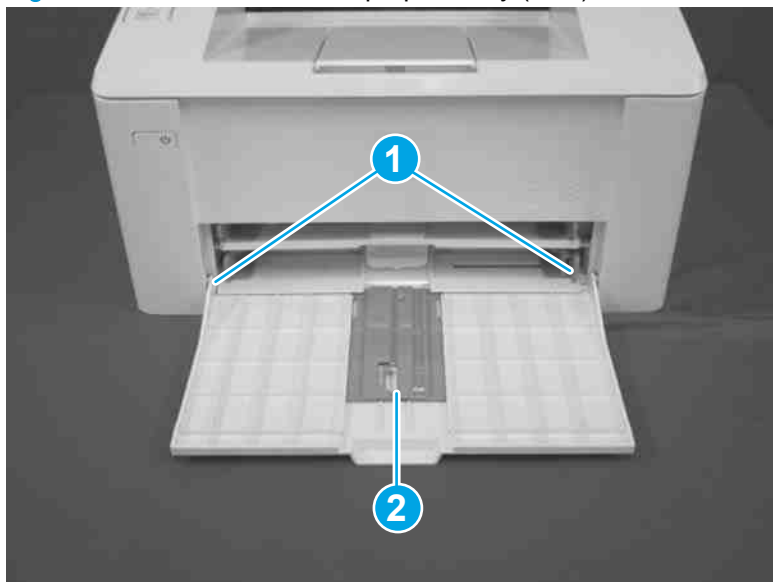
**Figure 1-1026** Install one screw (MFP)



**Step 33: Install the multipurpose tray**

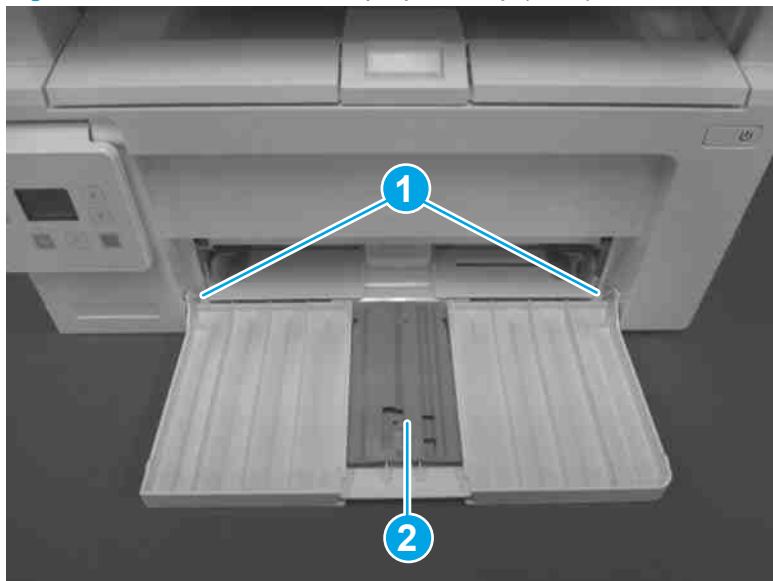
1. **M101/M106:** Engage two bosses (callout 1), to install the tray (callout 2).

**Figure 1-1027** Install the multipurpose tray (SFP)



2. **M129/M134:** Engage two bosses (callout 1) to install the tray (callout 2).

**Figure 1-1028** Install the multipurpose tray (MFP)



3. Close the multipurpose tray.

# Remove and replacement: Separation pad assembly

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


## Introduction

This document provides the procedures to remove and replace the separation pad assembly.

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

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

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

Separation pad assembly part number	
RM2-6957-000CN	Separation pad assembly

## Required tools

- #2 Phillips screwdriver with a magnetic tip.

## After performing service

### Turn the printer power on

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


## Post service test

Send a print job from the host computer (or print a configuration report). Verify that a page prints.

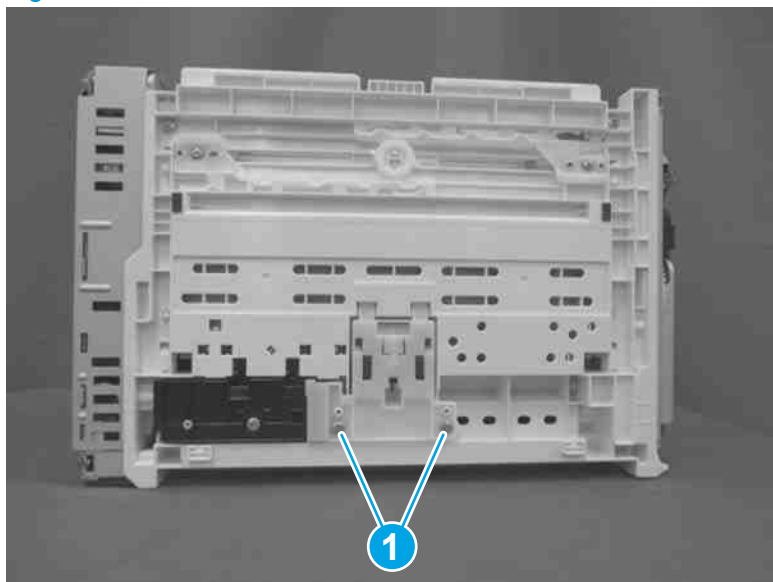
## Step 1: Remove the separation pad assembly

The M101/M106 printer is shown in this procedure. However, the instructions are valid for the M129/M134 printers.

1. Turn the printer over to rest on the rear panel, and then remove two screws (callout 1).

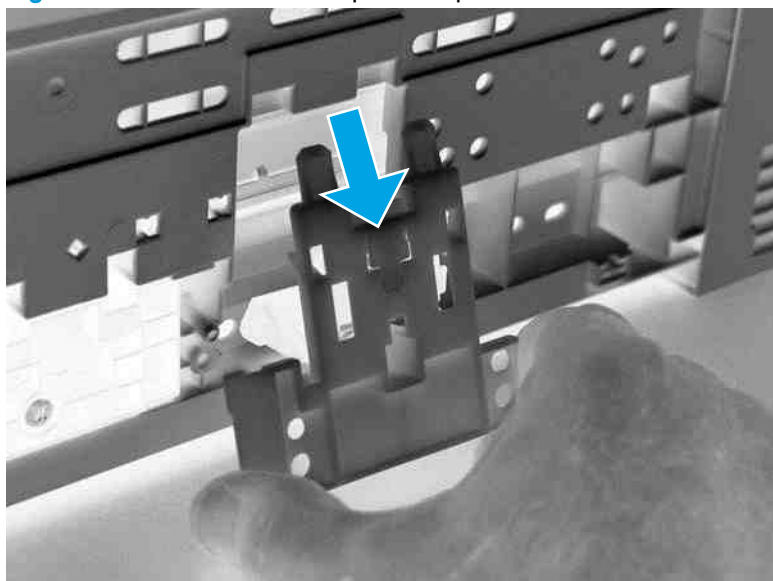
 **CAUTION: M129/M134 only:** The integrated scanner assembly (ISA) and the image scanner (IS) are not captive and can suddenly open when the printer is turned over.

**Figure 1-439** Remove two screws



2. Remove the separation pad assembly.

**Figure 1-440** Remove the separation pad



## Step 2: Unpack the replacement assembly

1. Dispose of the defective part.



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

[www.hp.com/recycle](http://www.hp.com/recycle)

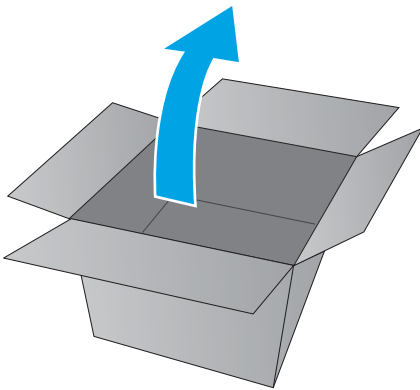




2. Unpack the replacement part from the packaging.

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



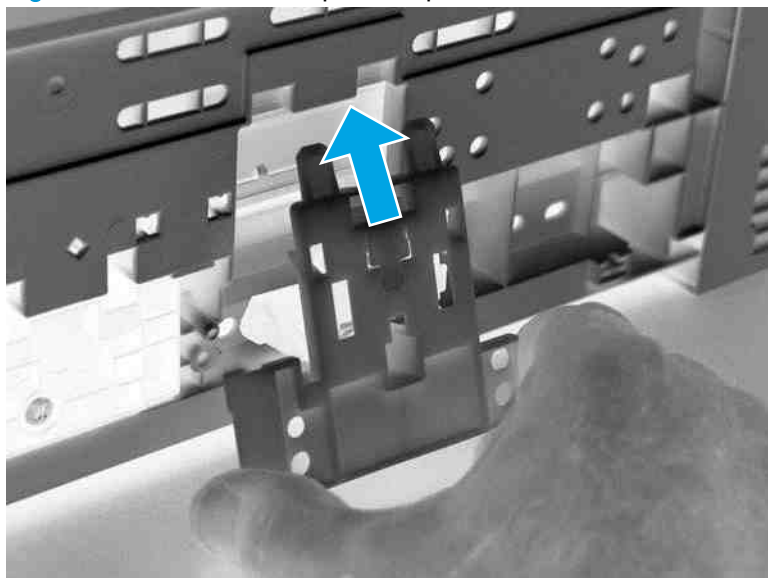
### Step 3: Install the separation pad assembly

**CAUTION:** Do not touch the gray spongy portion of the replacement pad. Skin oils on the pad can cause paper handling problems.

The M101/M106 printer is shown in this procedure. However, the instructions are valid for the M129/M134 printers.

1. Position the replacement separation pad assembly on the printer.

**Figure 1-441** Install the separation pad



2. Install two screws (callout 1).

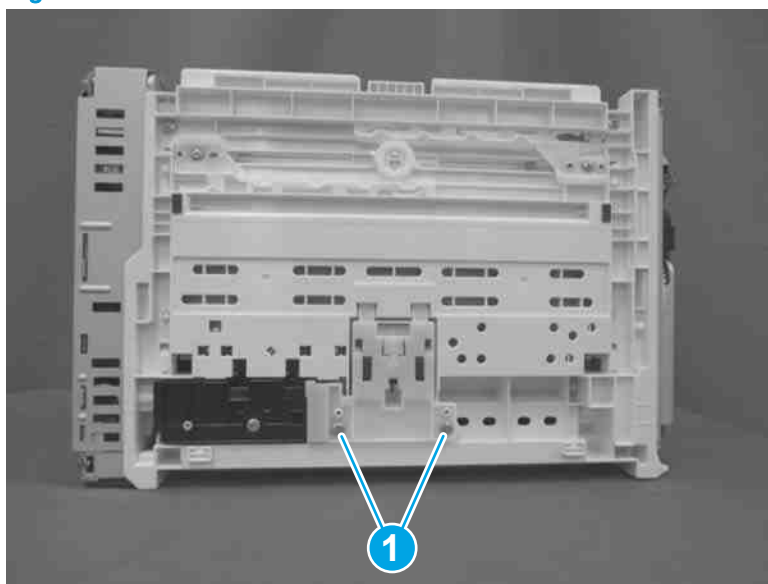
Return the printer to the normal position.

---

**⚠ CAUTION:** **M129/M134 only:** The ISA and the IS are not captive and can suddenly open when the printer is turned over.

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**Figure 1-442** Install two screws



# Remove and replacement: Transfer roller

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


## Introduction

This document provides the procedures to remove and replace the transfer roller.

## Before performing service

### Turn the printer power off

- Disconnect the power cable.

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

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

Transfer roller part number	
RM2-1660-000CN	Transfer roller

## Required tools

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

## After performing service

### Turn the printer power on

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

## Post service test

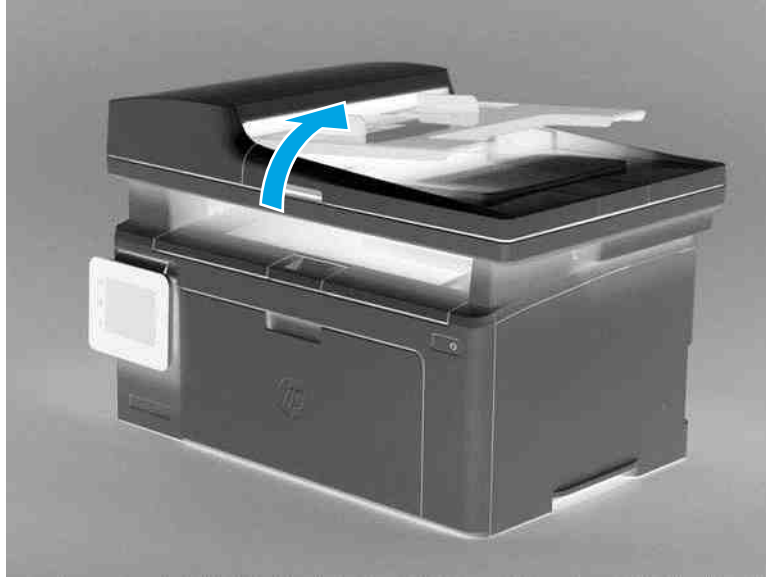
Send a print job from the host computer (or print a configuration report). Verify that a page prints.

## Step 1: Remove the roller

The M101/M106 printer is shown in this procedure. However, the instructions are valid for the M129/M134 printers.

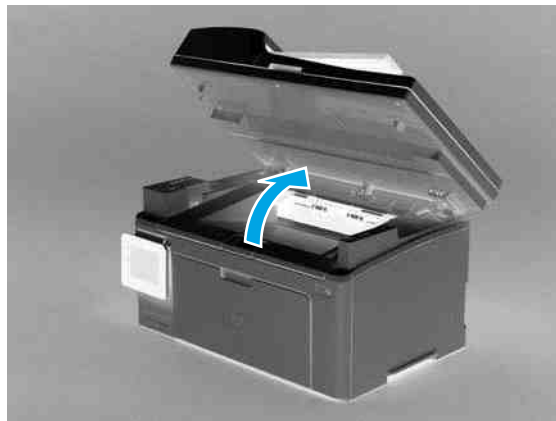
1. **M129/M134 only:** Raise the integrated scanner assembly (ISA) or the image scanner (IS).

**Figure 1-443** Open the ISA or IS



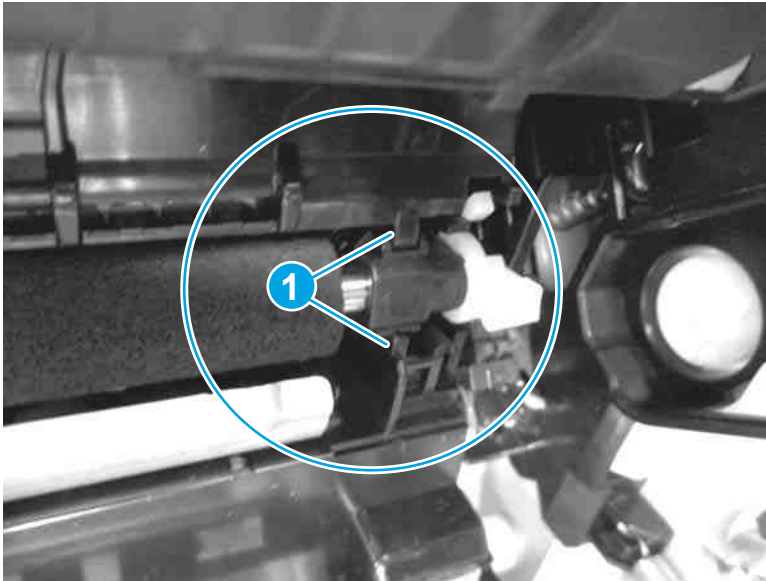
2. Open the cartridge door.

**Figure 1-444** Open the cartridge door



3. Before proceeding, take note of the location of the roller collar tabs (callout 1) on the right end of the transfer roller shaft.

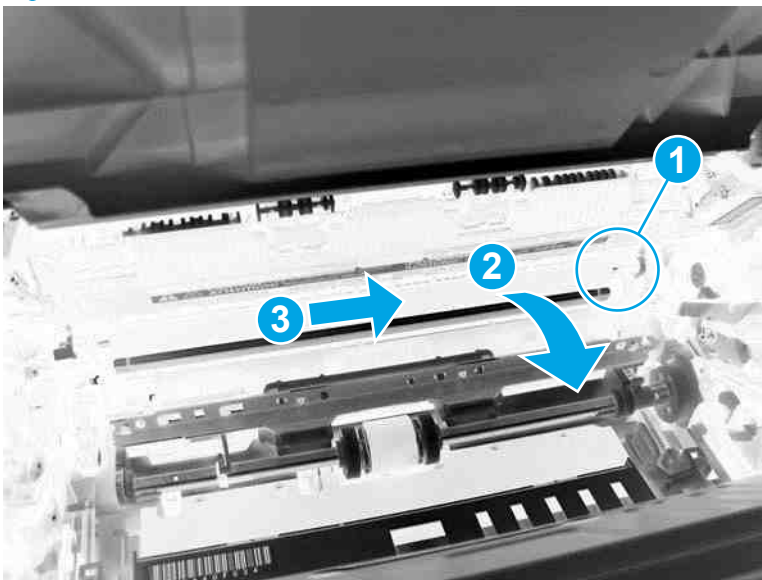
**Figure 1-445** Transfer roller right collar tabs



4. Pinch two tabs on the right-side roller collar (callout 1), rotate the right end of the roller away from the printer (callout 2), and then slide the roller to the right (callout 3) to remove it.


**CAUTION:** The right-side transfer roller collar is not captive. Do not lose the collar or drop it into the printer when handling the roller.

**Figure 1-446** Remove the transfer roller



## Step 2: Unpack the replacement assembly


1. Dispose of the defective part.


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

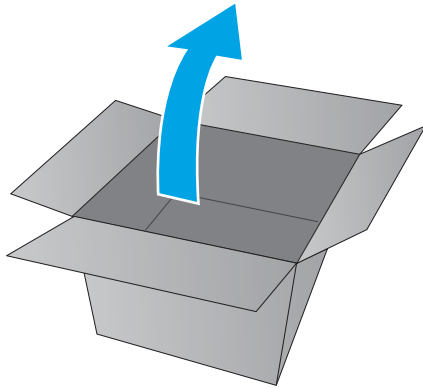
[www.hp.com/recycle](http://www.hp.com/recycle)




2. Unpack the replacement part from the packaging.

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



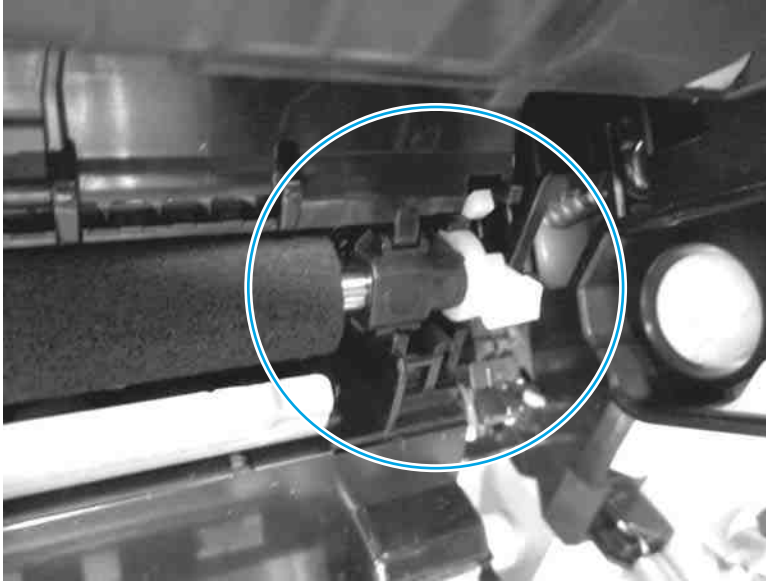
### Step 3: Install the roller

 **CAUTION:** Do not touch the gray spongy portion of the replacement roller. Skin oils on the roller can cause paper handling problems.

The M101/M106 printer is shown in this procedure. However, the instructions are valid for the M129/M134 printers.

1. Before proceeding, take note of the correct installation of the roller collar on the right end of the transfer roller shaft.

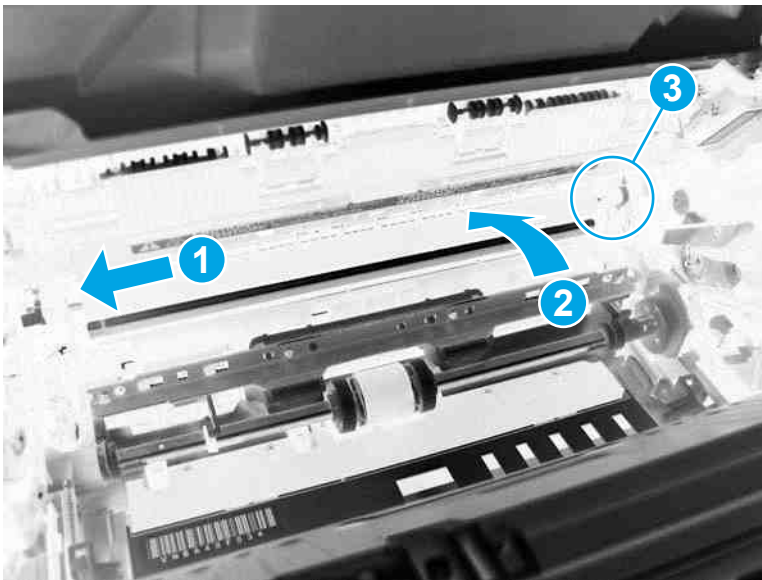
**Figure 1-447** Transfer roller right collar



2. Position the left end of the replacement transfer roller in the left-side roller collar (callout 1), and then push on the right end of the roller (callout 2) to engage the right-side roller collar (callout 3). An audible click is heard when the tabs snap into place.

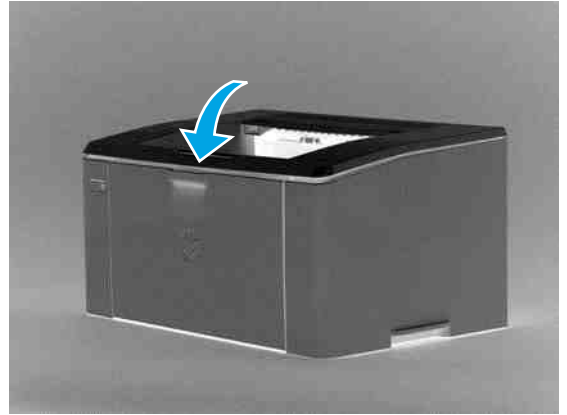
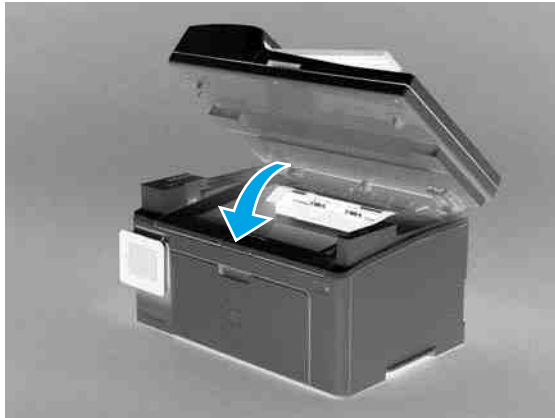
**CAUTION:** Make sure that the tabs on the roller collar (callout 3) are fully seated.

**Figure 1-448** Install the roller



3. Close the cartridge door.

**Figure 1-449** Close the cartridge door



4. **M129/M134 only:** Lower the integrated scanner assembly (ISA) or the image scanner (IS).

**Figure 1-450** Close the ISA or IS

