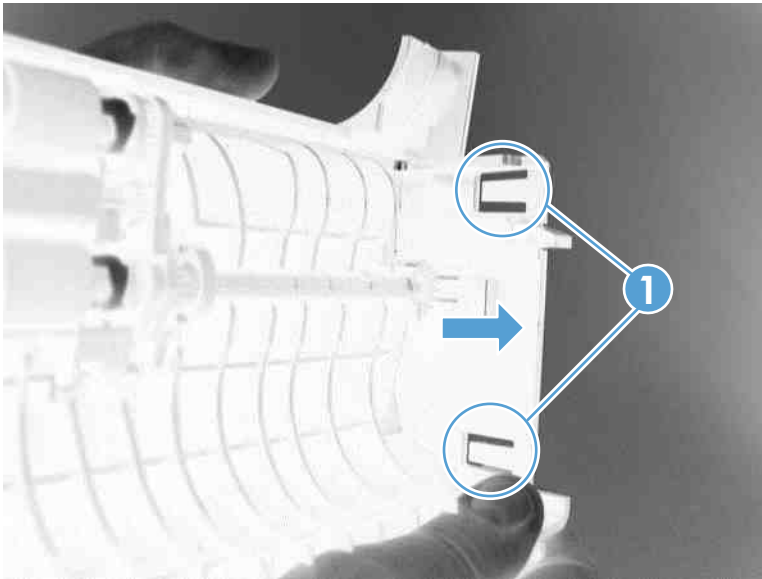


Document feeder pick arm assembly

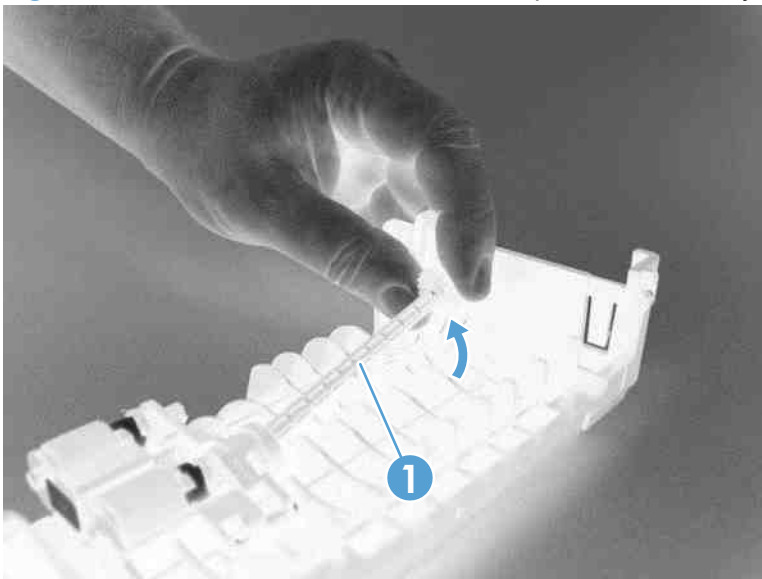
1. Remove the following components:
 - Document feeder input tray. See [Document feeder input tray on page 87](#).
 - Document feeder cover. See [Document feeder cover on page 88](#).
2. Release two tabs (callout 1) on each end of the inner cover (for a total of four tabs), and then lift the inner cover out of the outer cover.

Figure 1-133 Remove the document feeder pick arm assembly (1 of 4)



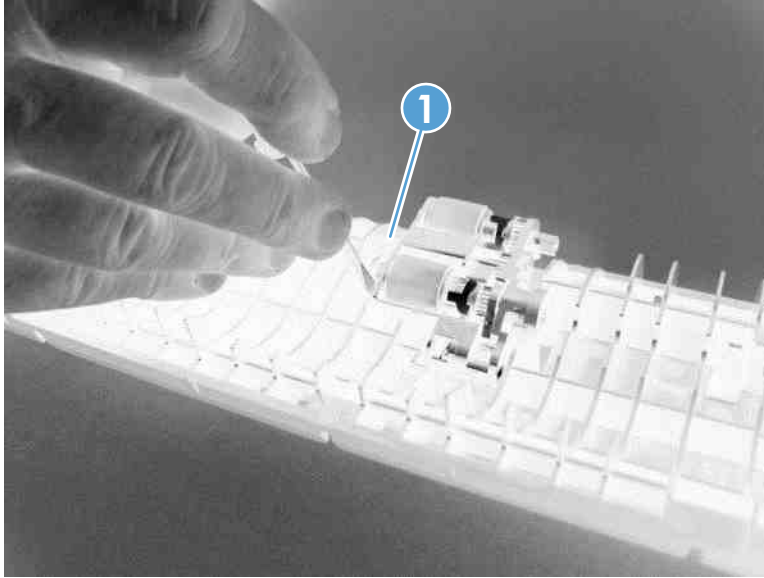
3. Remove the pick extension shaft (callout 1).

Figure 1-134 Remove the document feeder pick arm assembly (2 of 4)



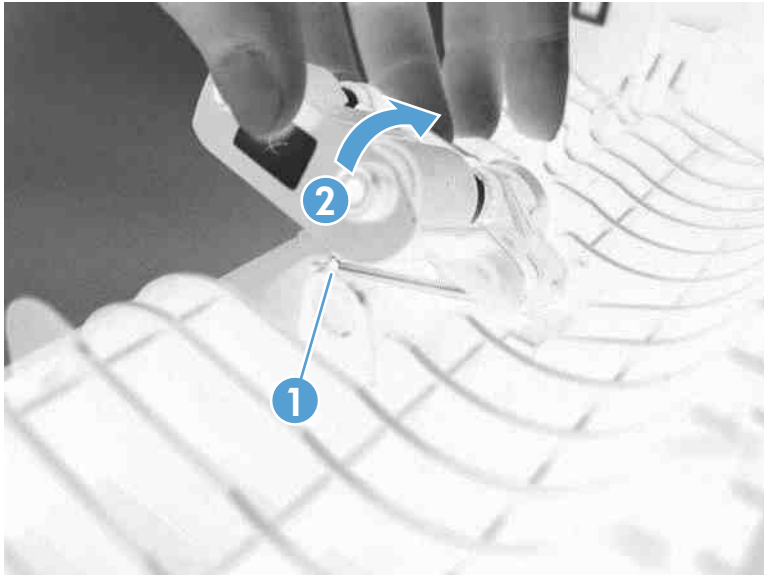
4. Release one tab (callout 1).

Figure 1-135 Remove the document feeder pick arm assembly (3 of 4)




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

Figure 1-136 Remove the document feeder pick arm assembly (4 of 4)



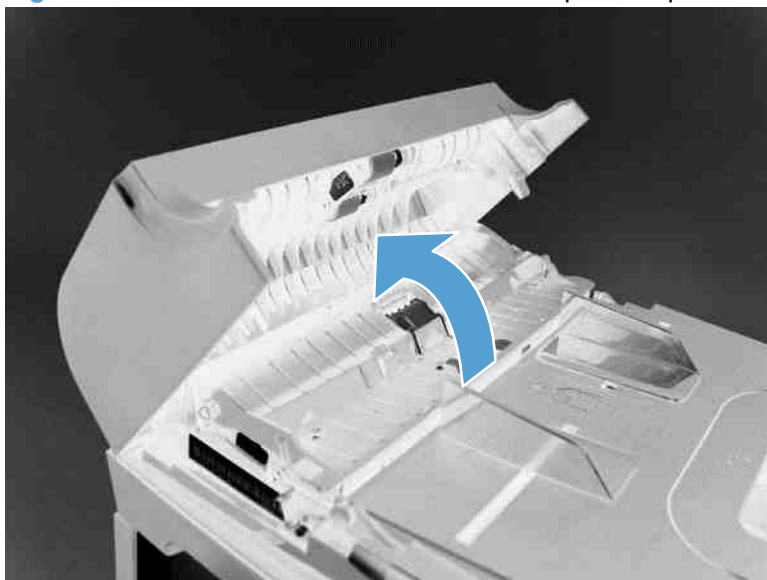
Document feeder components

 **NOTE:** This section describes replacement and removal of individual document feeder components. To remove the complete document-feeder and scanner assembly, see [Document-feeder and scanner assembly on page 28](#).

Document feeder separation pad

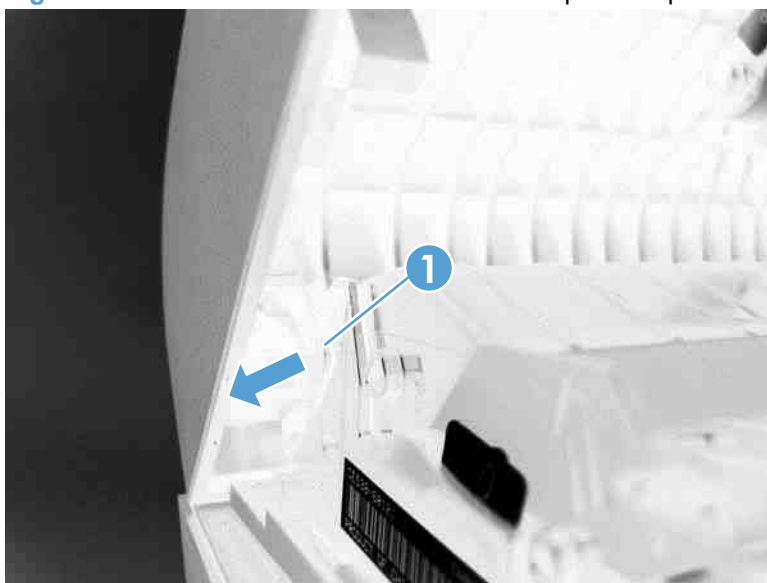
1. Open the document feeder top cover.

Figure 1-121 Remove the document feeder separation pad assembly (1 of 7)



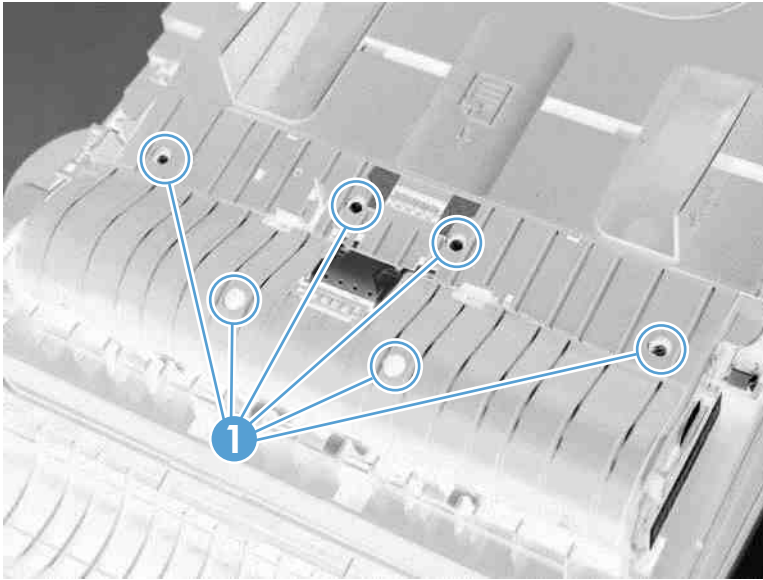
2. Release one tab, and then fully open the document feeder cover.

Figure 1-122 Remove the document feeder separation pad assembly (2 of 7)



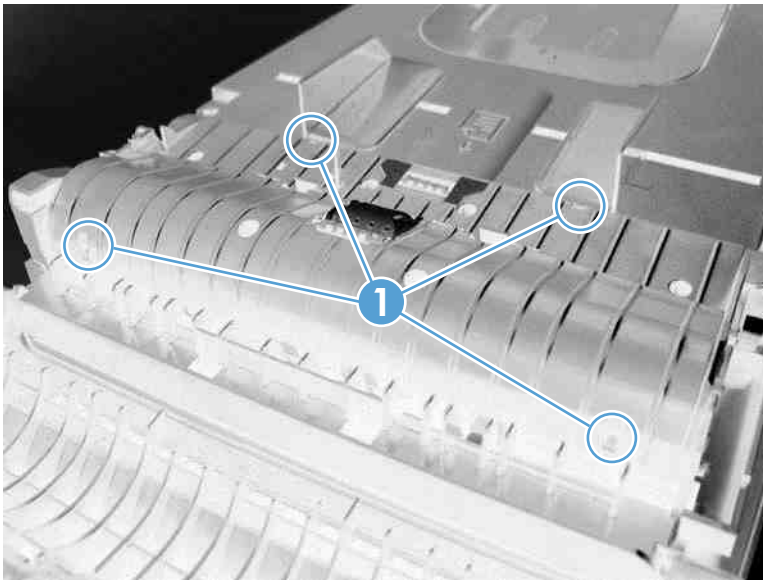
3. Remove six screws (callout 1).

Figure 1-123 Remove the document feeder separation pad assembly (3 of 7)



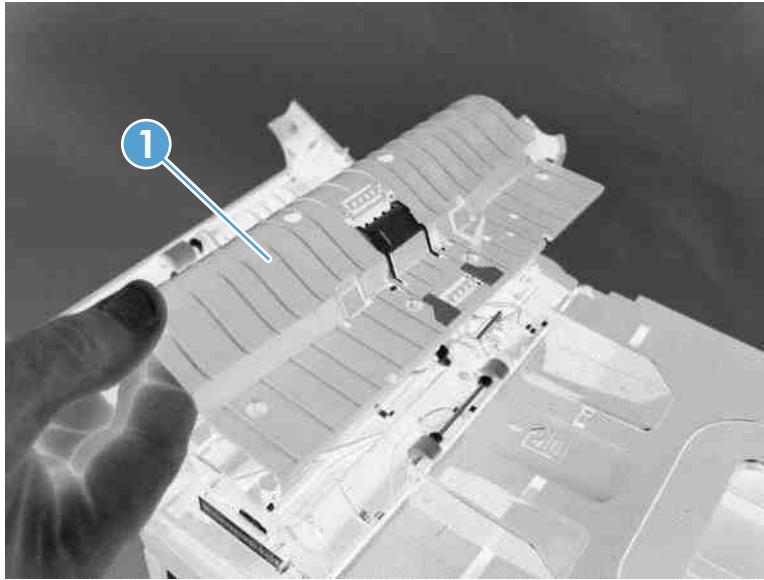
4. Release four tabs (callout 1) on the document feeder core cover.

Figure 1-124 Remove the document feeder separation pad assembly (4 of 7)



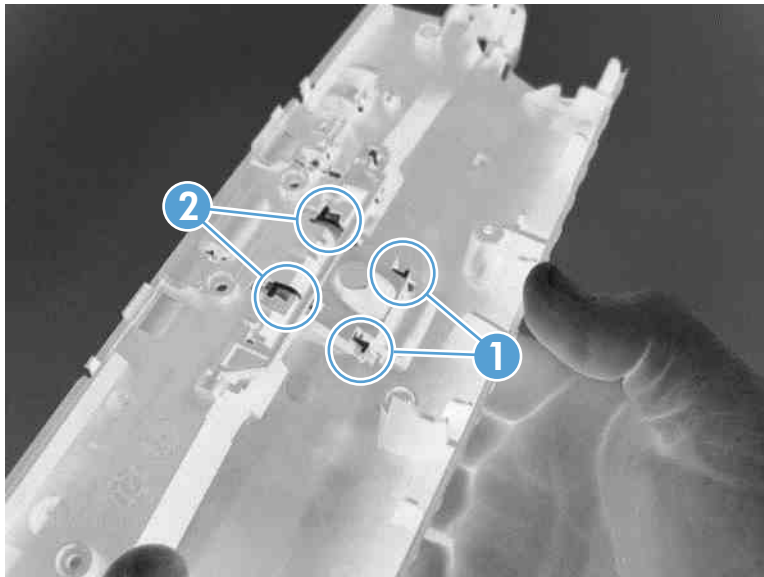
5. Remove the document feeder core cover (callout 1) from the base.

Figure 1-125 Remove the document feeder separation pad assembly (5 of 7)



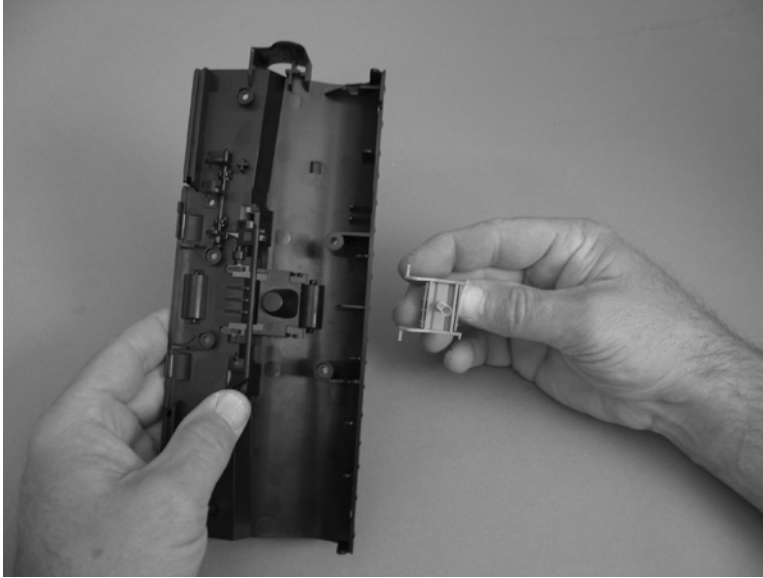
6. Push up on the separation pad assembly to release two pins (callout 1), and then slightly slide assembly in the core cover to release the remaining two pins (callout 2).

Figure 1-126 Remove the document feeder separation pad assembly (6 of 7)



7. Remove the separation pad assembly from the core cover.

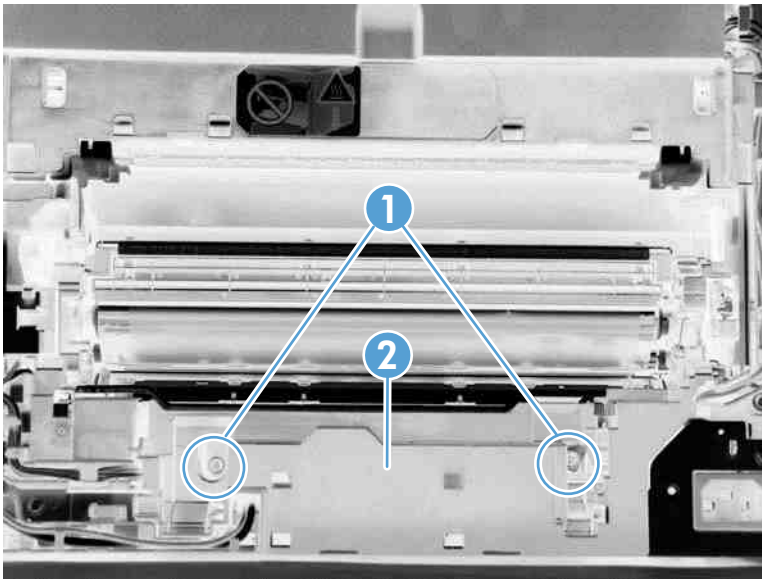
Figure 1-127 Remove the document feeder separation pad assembly (7 of 7)



Fuser

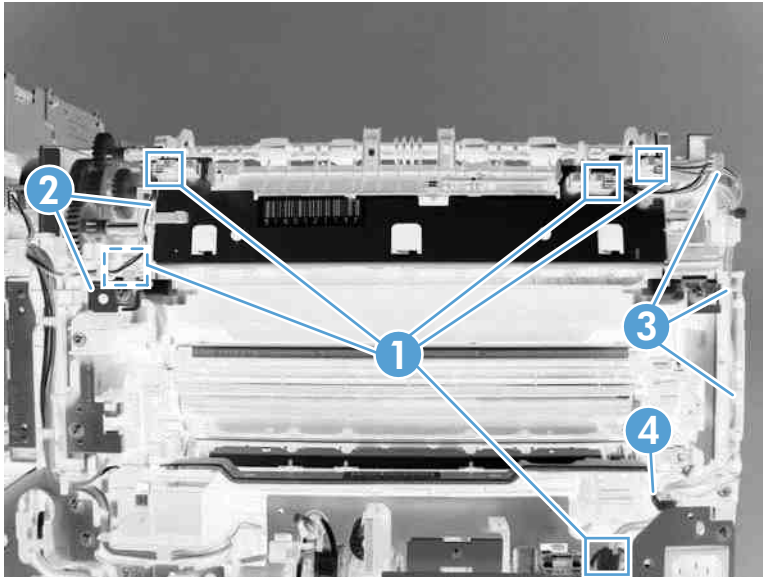
1. Remove the following components:
 - Right cover. See [Right cover on page 17](#).
 - Right-front cover-1 and cover-2. See [Right-front cover-1 and cover-2 on page 20](#).
 - Control panel. See [Control panel on page 22](#).
 - Left cover. See [Left cover on page 25](#).
 - Document-feeder and scanner assembly. See [Document-feeder and scanner assembly on page 28](#).
 - Rear-center cover. See [Rear-center cover on page 30](#).
 - Rear-upper cover. See [Rear-upper cover on page 31](#).
 - Speaker. See [Speaker on page 33](#).
 - Top cover. See [Top cover on page 34](#).
 - Rear door and rear-lower cover. See [Rear door and rear-lower cover on page 41](#).
2. Remove two screws (callout 1) and the black plastic cover (callout 2).

Figure 1-117 Remove the fuser (1 of 4)



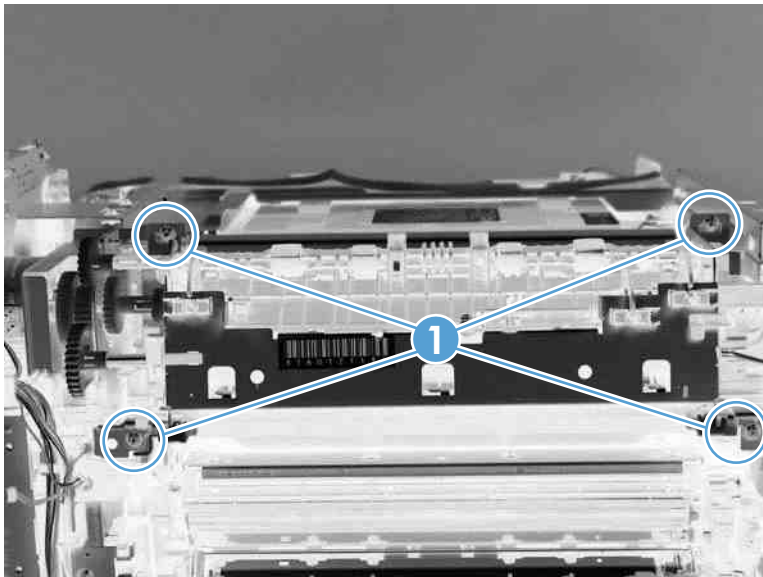
3. Disconnect five wire-harness connectors (callout 1). Remove the wire harness from the guides (callout 2 and callout 3) and one retainer (callout 4).

Figure 1-118 Remove the fuser (2 of 4)



4. Remove four screws (callout 1).

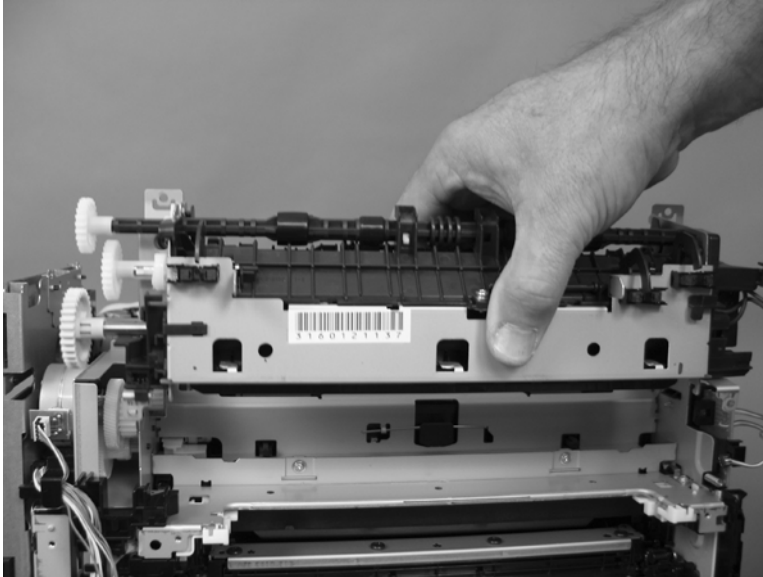
Figure 1-119 Remove the fuser (3 of 4)



5. Remove the fuser.

- △ **CAUTION:** Handle the fuser carefully. The sensors that are mounted to the output side of the fuser can be easily dislodged. When the fuser is reinstalled, make sure that the sensors are present, and correctly fastened to the fuser assembly.

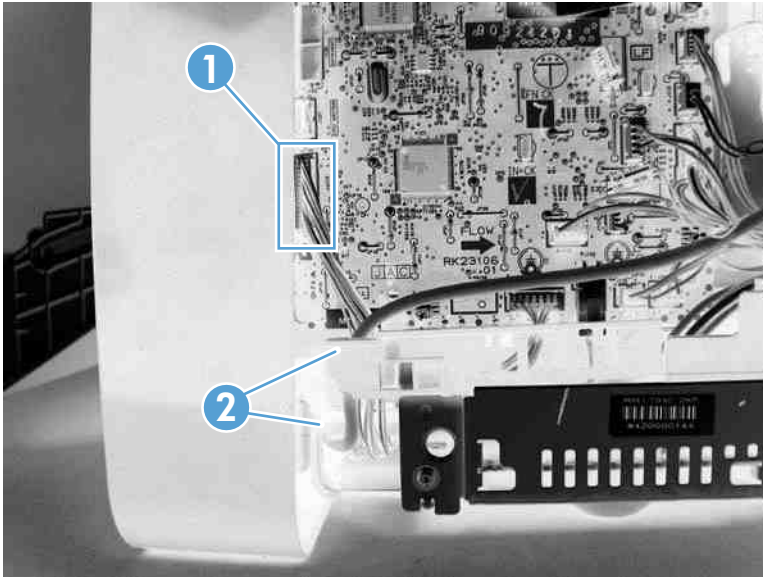
Figure 1-120 Remove the fuser (4 of 4)



Intermediate transfer belt (ITB)

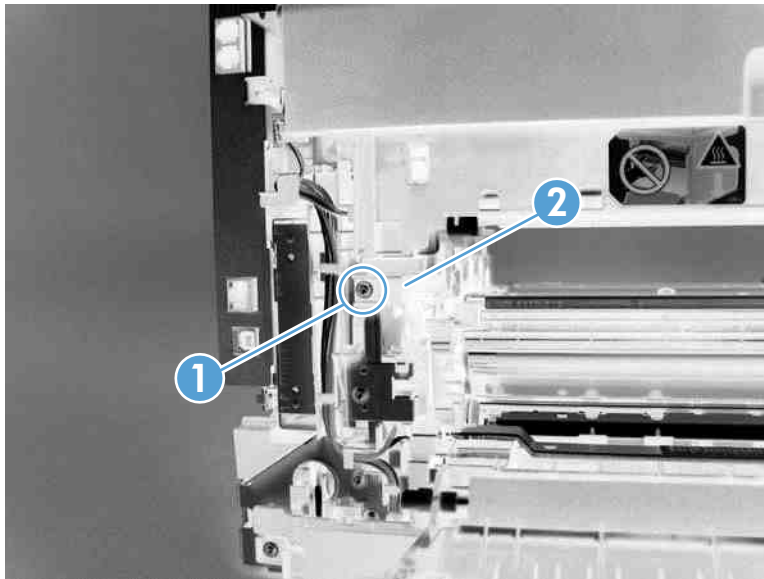
1. Remove the following components:
 - Print-cartridge drawer. See [Print-cartridge drawer on page 14](#).
 - Right cover. See [Right cover on page 17](#).
 - Left cover. See [Left cover on page 25](#).
 - Rear-center cover. See [Rear-center cover on page 30](#).
2. Disconnect one wire-harness connector (callout 1), and then release the wire harness from the retainer (callout 2).

Figure 1-88 Remove the ITB (1 of 5)



3. Open the rear door, and then remove one screw (callout 1), and then remove the print-cartridge drawer stop (callout 2).

Figure 1-89 Remove the ITB (2 of 5)



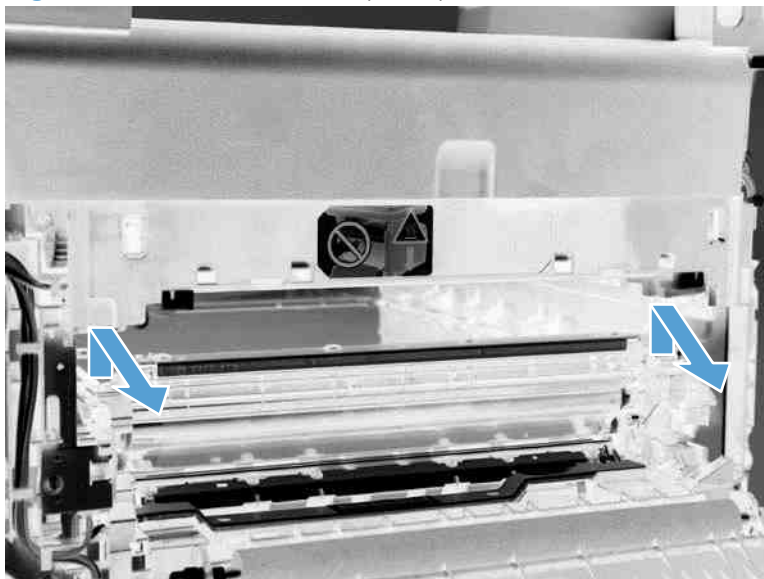
4. Carefully lift up on the black plastic portion of the ITB, and then pull it *partially* out of the product (the ITB wire harness will prevent the ITB from being fully removed).

⚠ **WARNING!** Only *partially* pull the ITB out of the product to avoid damage to the secondary-transfer (T2) roller.

See [Figure 1-92 Remove the ITB \(5 of 5\) on page 64](#) to see how to correctly handle the ITB to prevent damaging it. Do not lift the ITB by grasping the sheet-metal bracket.

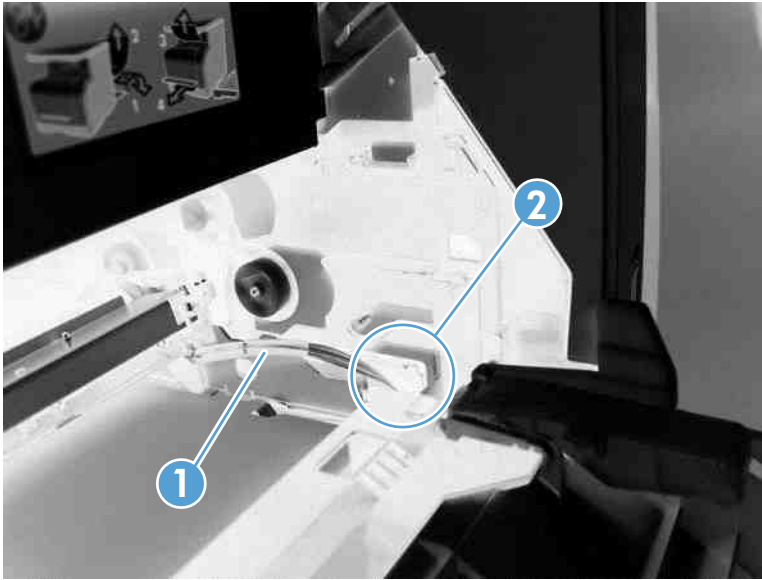
⚠ **CAUTION:** Avoid touching the black plastic transfer belt. Skin oils on the belt might cause print-quality problems.

Figure 1-90 Remove the ITB (3 of 5)



5. Feed the ITB wire harness (callout 1) through an opening in the chassis (callout 2).

Figure 1-91 Remove the ITB (4 of 5)

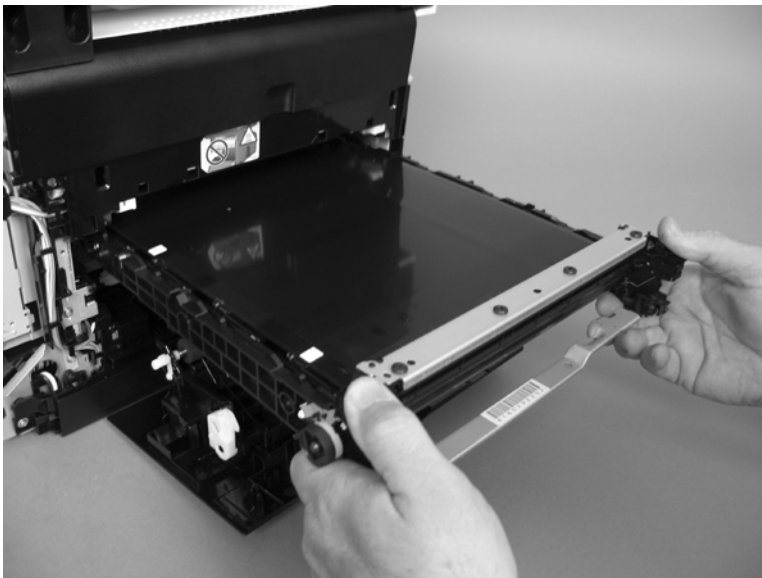


6. Carefully pull the ITB straight out of the product.

⚠ **WARNING!** Handle the ITB by its hard plastic sides to avoid damage to the sheet metal frame. The lower sheet-metal portion of the ITB frame can be easily bent. See callout 1 in [Figure 1-93 Reinstall the ITB \(1 of 2\) on page 65](#).

⚠ **CAUTION:** Make sure that the ITB wire harness does not get damaged as the ITB is removed from the chassis.

Figure 1-92 Remove the ITB (5 of 5)

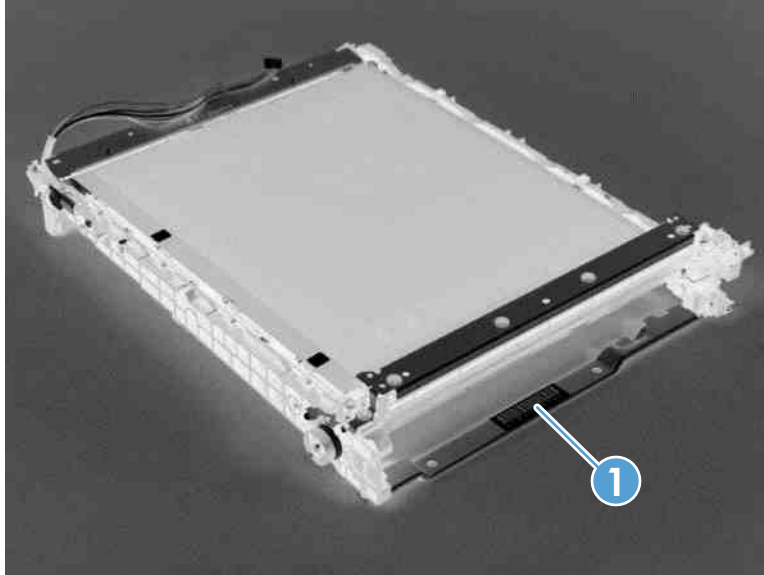


Reinstall the ITB

Use the following guidelines when you install the ITB.

- ⚠ **WARNING!** The lower sheet-metal portion of the ITB frame (callout 1) can be easily bent. Avoid handling the ITB by this part of the sheet-metal frame.

Figure 1-93 Reinstall the ITB (1 of 2)



- When handling the ITB, always use the hard plastic portions of the assembly.
- ⚠ **CAUTION:** Avoid touching the black-plastic transfer belt or roller. Skin oils on the belt or roller might cause print-quality problems.
- Do not let the transfer belt contact hard or sharp objects.
- ⚠ **CAUTION:** Scratches, punctures, or other damage to the belt will cause print-quality problems.
- Make sure that the wire harness is not twisted or pinched after it is passed through the opening in the chassis, and that the ITB sits flat in the product.
- 📝 **NOTE:** When the print-cartridge drawer is installed, it should easily slide in and out of the product and not contact any part of the ITB assembly.

- Tape the wire harness to the sheet-metal frame so that it will not catch on internal components as the ITB is installed.

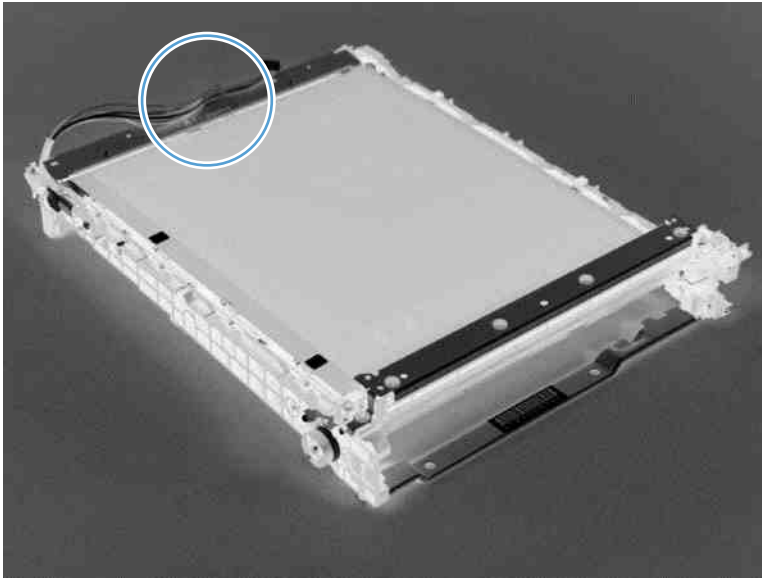
With the ITB partially installed, feed the wire harness through the opening in the chassis. See [Figure 1-91 Remove the ITB \(4 of 5\) on page 64](#). Finish installing the ITB.

⚠ WARNING! Do not place the tape so that it makes contact or adheres to the transfer belt. Tape or tape residue on the transfer belt will cause print-quality problems.

Make sure that the ITB is fully seated in the product before you reinstall the print-cartridge door stop.

📝 NOTE: Make sure that you remove all of the tape and tape residue after installing the ITB.

Figure 1-94 Reinstall the ITB (2 of 2)



Removal and replacement procedures


Pickup roller

You might have to rotate the pickup roller to gain access to the roller locking tabs.


1. Remove the input tray and tilt the product back until the pickup roller is visible.

If the locking tabs on each side of the roller are not accessible, use the following procedure in this step to rotate the roller and access the tabs.


If the tabs are visible, proceed to the next step.

- a. Reinstall the input tray, and then turn the product on.
- b. Touch the Setup  button.
- c. Touch the middle of the screen along the left-hand edge (callout 1), and then immediately touch the lower-right corner (callout 2) of the screen.



- d. When the Home screen appears, touch the Setup  button again.
 - e. Touch the [2ndary Service](#) button.
 - f. Touch the arrow buttons (at the right- or left-side of the touch screen) until the [Pick roller](#) button appears.
 - g. Touch the [Pick roller](#) button.
 - h. Touch the [OK](#) button to confirm that you want the pick roller to rotate.
 - i. Turn the product power off, and then remove the power cord and the interface cable.
2. Carefully place the product front-side up.

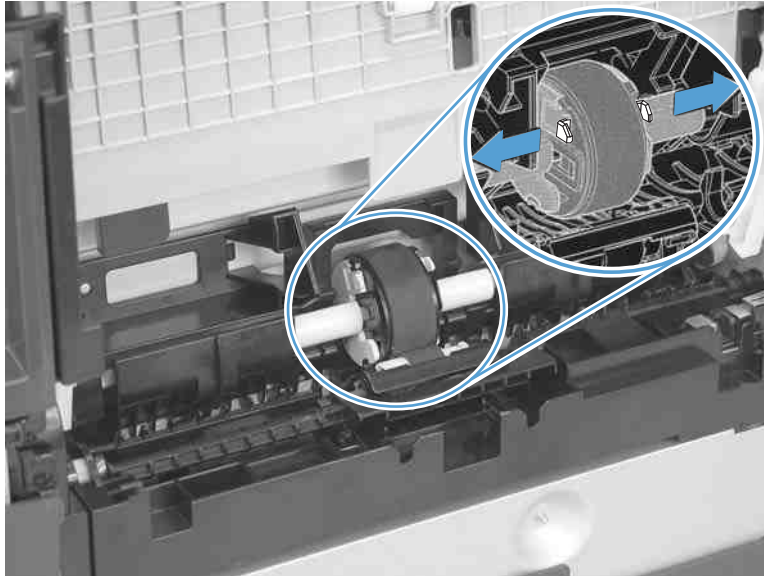
△ **CAUTION:** The document-feeder and scanner cover are not captive and can open suddenly if the product is placed front-side up. Always support the document-feeder and scanner cover before placing the product front-side up.

 **NOTE:** Debris can scratch or damage the back of the product. Before you place the product front-side up, remove any debris from the work surface. If possible, set the product on a clean, dry cloth to prevent scratching and damage.

3. Release two white plastic locking tabs and remove the pickup roller.

△ **CAUTION:** Do not touch the spongy roller surface unless you are going to replace the roller. Skin oils on the roller can cause paper pickup problems.

Figure 1-3 Remove the pickup roller



Separation roller

- △ **CAUTION:** Do not touch the spongy roller surface unless you are going to replace the roller. Skin oils on the roller can cause paper pickup problems.

1. Remove paper tray (if installed), and then carefully place the product front-side up.

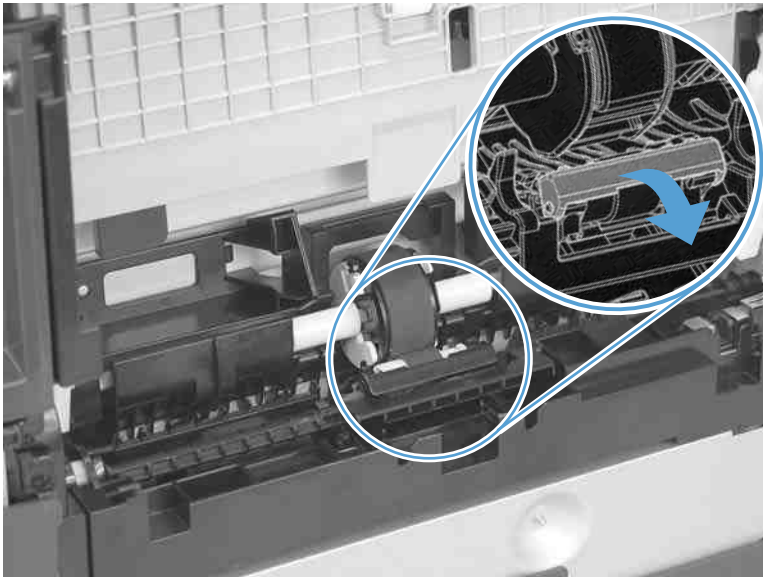
- △ **CAUTION:** The document-feeder and scanner cover are not captive and can open suddenly if the product is placed front-side up. Always support the document-feeder and scanner cover before placing the product front-side up.

- 📝 **NOTE:** Debris can scratch or damage the back of the product. Before you place the product front-side up, remove any debris from the work surface. If possible, set the product on a clean, dry cloth to prevent scratching and damage.

2. Carefully release the roller cover and rotate it down and away from the roller.

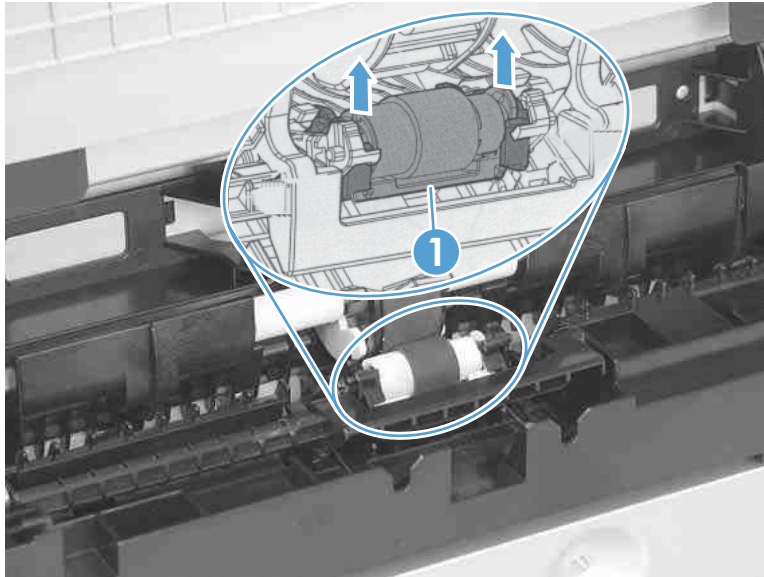
- 💡 **Reinstallation tip** Make sure that this cover snaps into place over the roller when the roller and holder are reinstalled.

Figure 1-4 Remove the separation roller (1 of 2)



3. Use a small flat blade screwdriver to gently pry up on the roller and holder assembly (callout 1) to remove the roller and holder assembly.

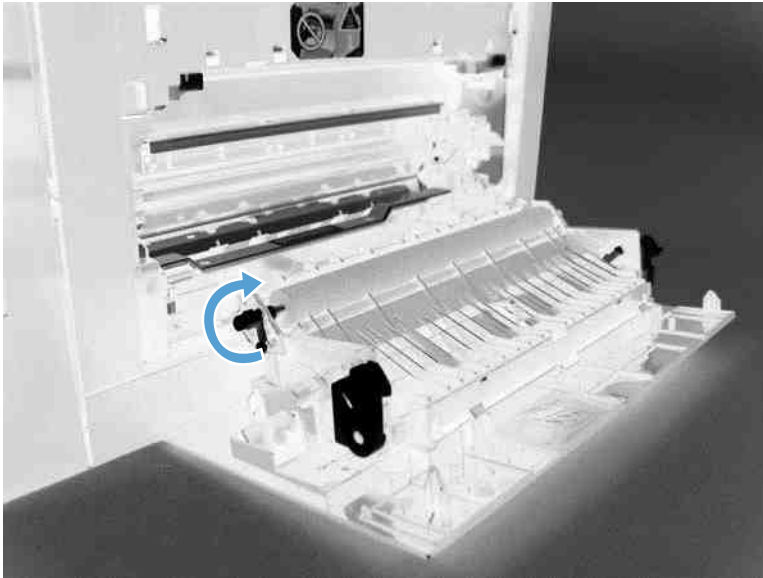
Figure 1-5 Remove the separation roller (2 of 2)



Transfer roller

1. Open the rear door.
2. Release the retainer clip and then rotate it until the pin on the clip aligns with the slot in the mounting bracket.

Figure 1-6 Remove the transfer roller (1 of 3)



3. Remove the clip. Repeat these steps for the remaining retainer clip (located at the opposite end of the roller shaft).


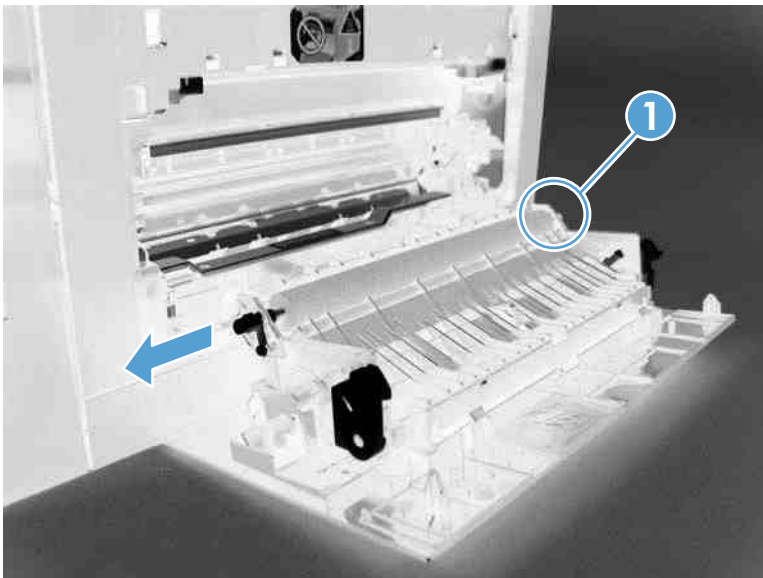
 **TIP:** One of the clips (callout 1) is made from a black conductive plastic. Make sure that the clips are reinstalled on correct the end of the transfer roller.

Figure 1-7 Remove the transfer roller (2 of 3)



4. Slide the roller to one side to disengage the roller shaft from the mounting bracket, and then remove the transfer roller.

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

Figure 1-8 Remove the transfer roller (3 of 3)

