Fuser
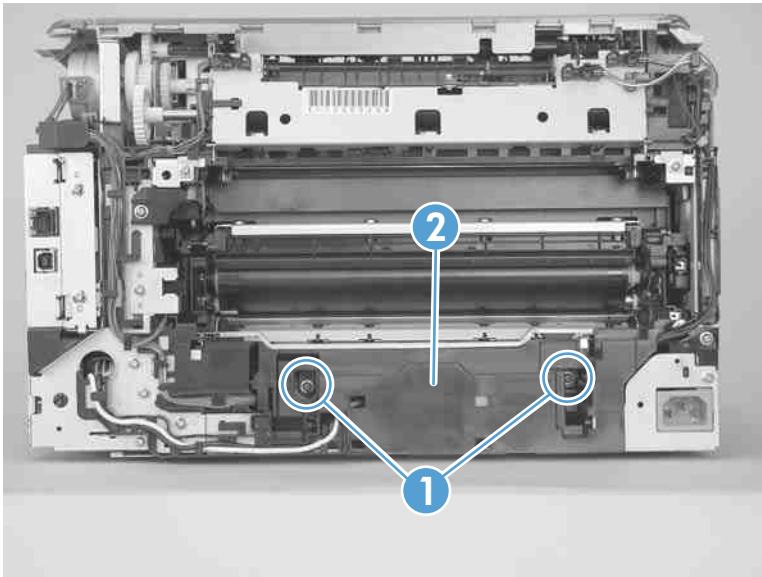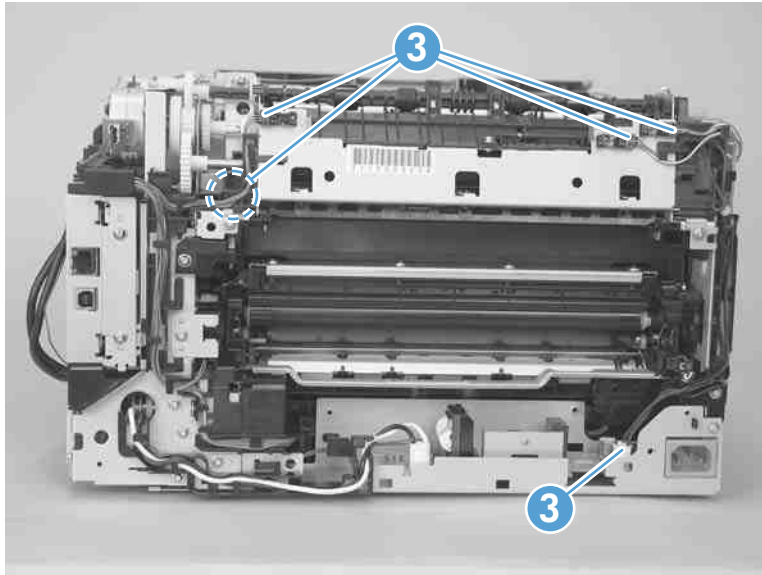
1. Remove the following components:

   - Right cover. See Right cover on page 10.

   - Left cover. See Left cover on page 13.

   - Control-panel module. See Control-panel module on page 19.

   - Rear-side cover. See Rear-side cover on page 21.

   - Rear-upper cover. See Rear-upper cover on page 22.

   - Rear door and rear-lower cover. See Rear door and rear-lower cover on page 23.

   - Top cover. See Top cover on page 25.

2. Remove two screws (callout 1) and the power-supply cover (callout 2).

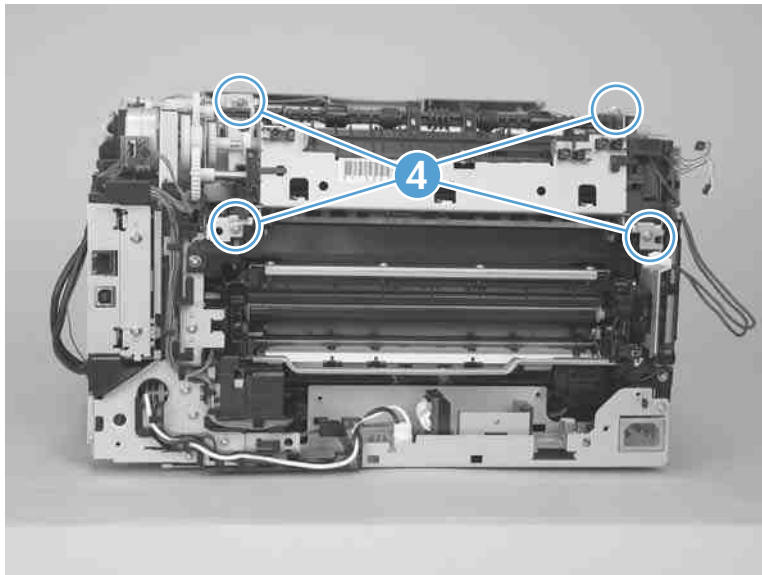**Figure 1-85** Remove the fuser (1 of 4)

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

Figure 1-86 Remove the fuser (2 of 4)

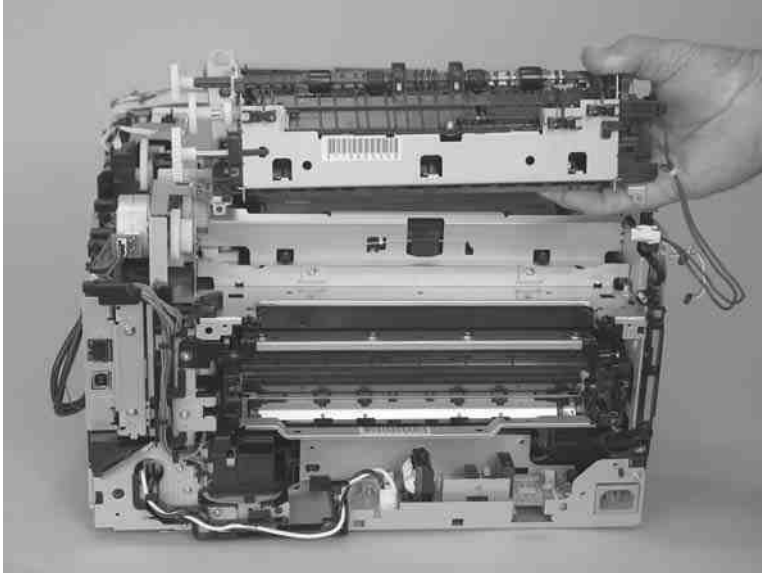**4.** Remove four screws (callout 4).

Figure 1-87 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 1-88 Remove the fuser (4 of 4)
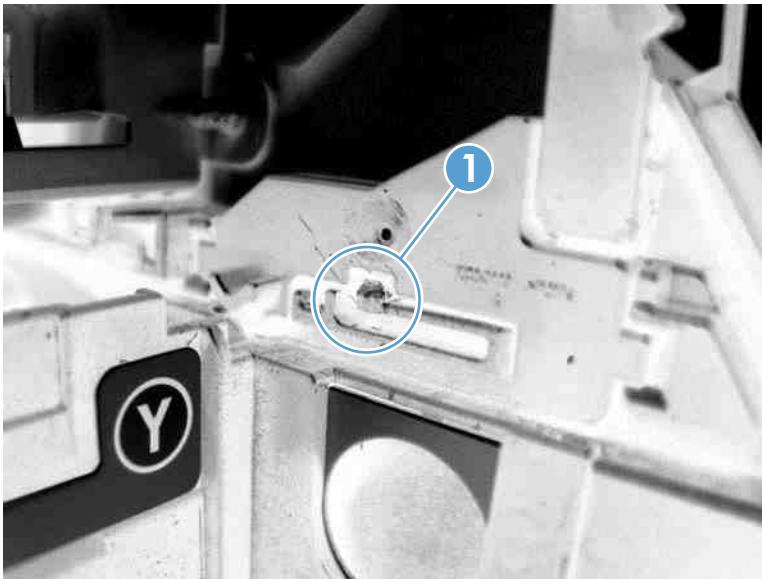
Intermediate transfer belt (ITB)

1. Remove the following components:

   - Right cover. See Right cover on page 10.

   - Left cover. See Left cover on page 13.

   - Rear-side cover. See Rear-side cover on page 21.

2. Open the front door and pull out the print-cartridge drawer.
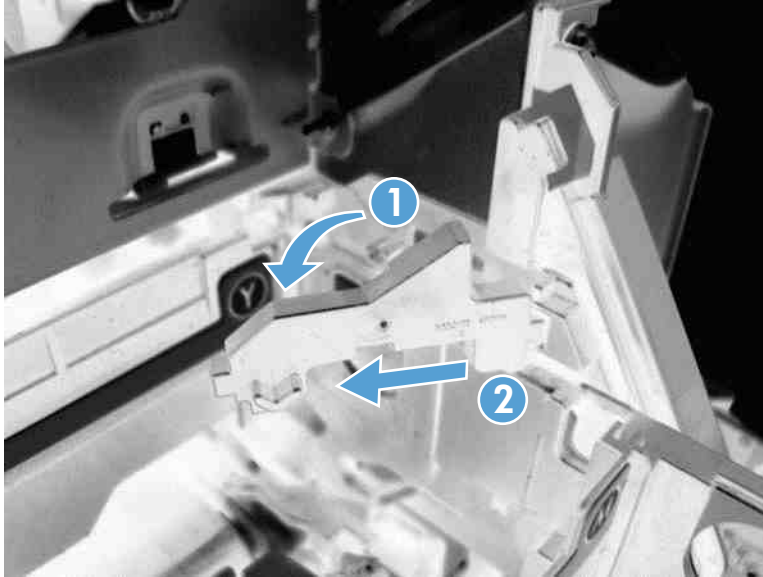
   Figure 1-46 Remove the ITB (1 of 9)

3. Release one tab (callout 1).

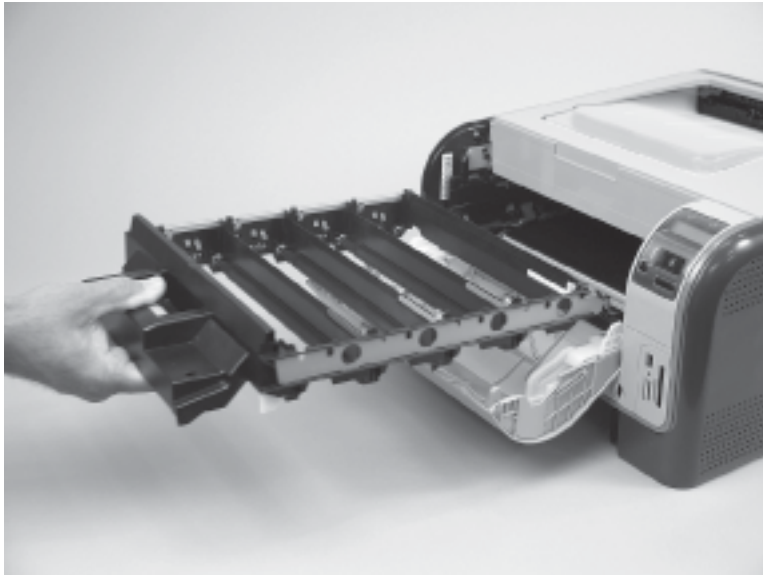   **Figure 1-47** Remove the ITB (2 of 9)

4. Rotate the cartridge-drawer retainer (callout 1) away from the chassis, and then remove it (callout 2). Repeat the previous step and this step for the left–side cartridge-drawer retainer.
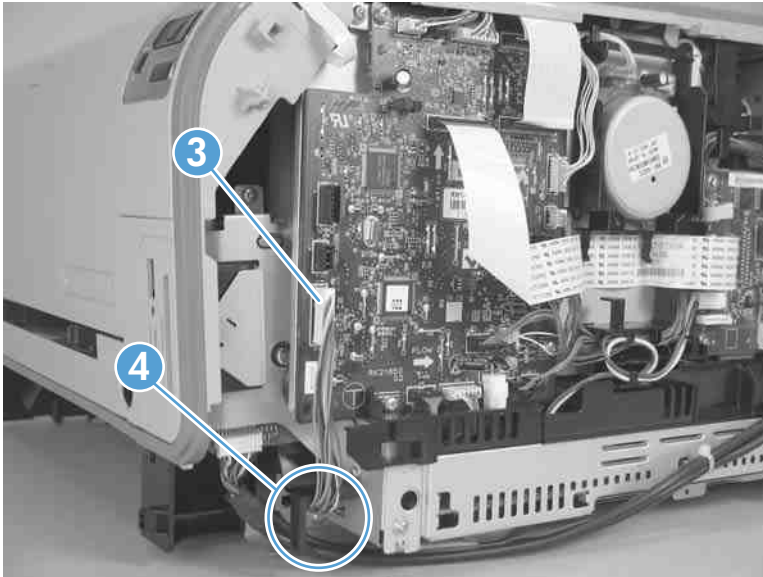
Figure 1-48 Remove the ITB (3 of 9)

5. Pull the print-cartridge drawer straight out of the product to remove it.
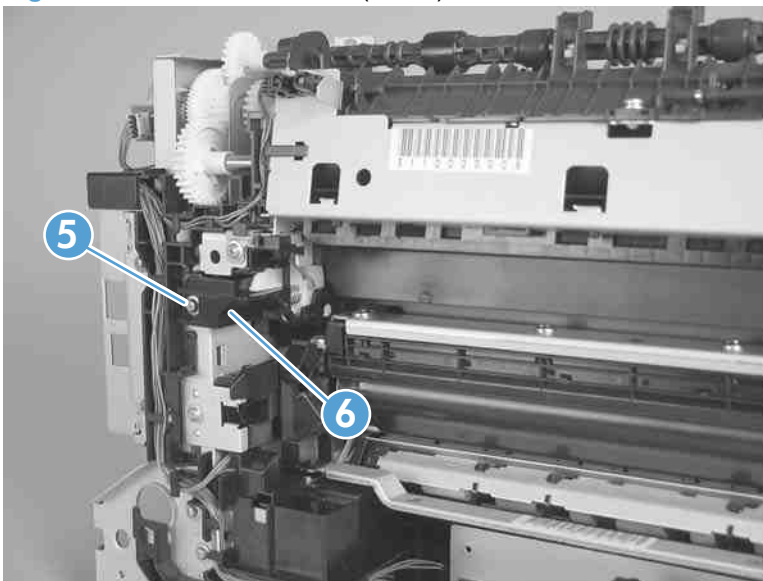
Figure 1-49 Remove the ITB (4 of 9)

6. Disconnect one wire-harness connector (callout 3), and then release the wire harness from the retainer (callout 4).

Figure 1-50 Remove the ITB (5 of 9)

7. Open the rear door.

8. Remove one screw (callout 5), and then remove the print-cartridge drawer stop (callout 6).

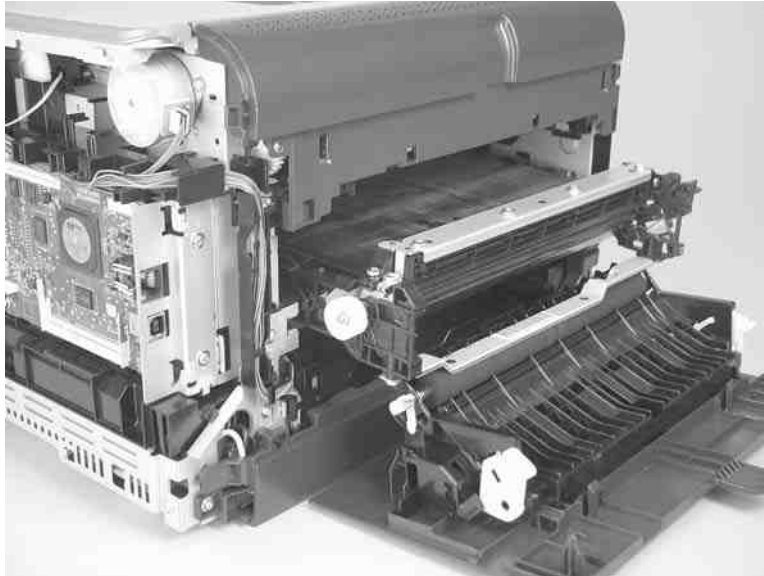**Figure 1-51** Remove the ITB (6 of 9)

9. 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.
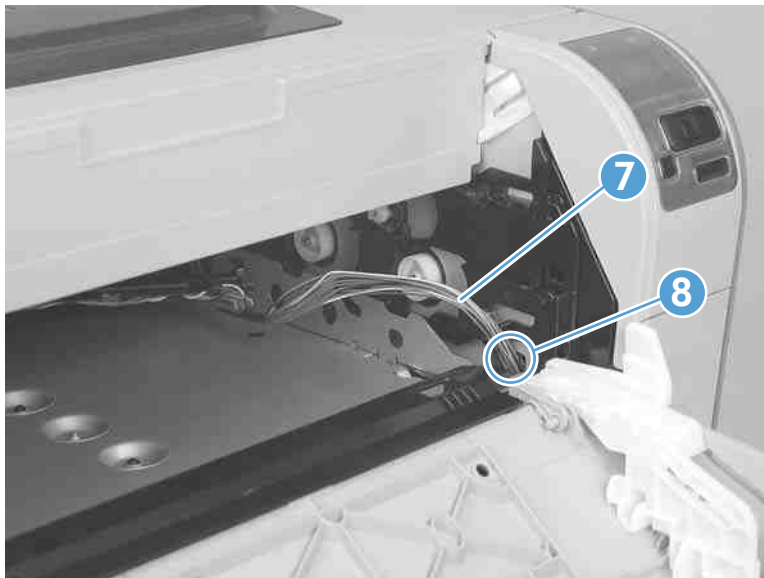
⚠ **CAUTION:** Avoid touching the black plastic transfer belt. Skin oils on the belt might cause print-quality problems.

Figure 1-52 Remove the ITB (7 of 9)

10. Feed the ITB wire harness (callout 7) through an opening in the chassis (callout 8).

Figure 1-53 Remove the ITB (8 of 9)

11. 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 Figure 1-55 Reinstall the ITB (1 of 2) on page 35.

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

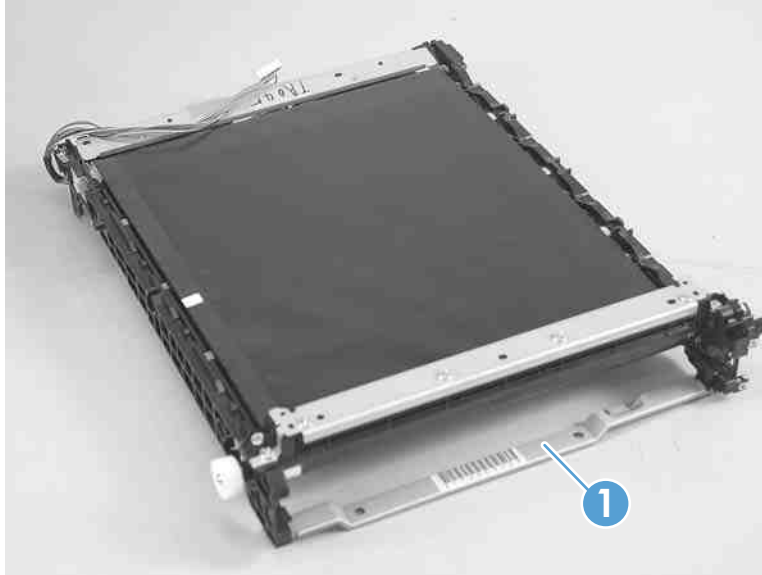**Figure 1-54** Remove the ITB (9 of 9)

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 1-55 Reinstall the ITB (1 of 2)

- When handling the ITB, always hold it using 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.
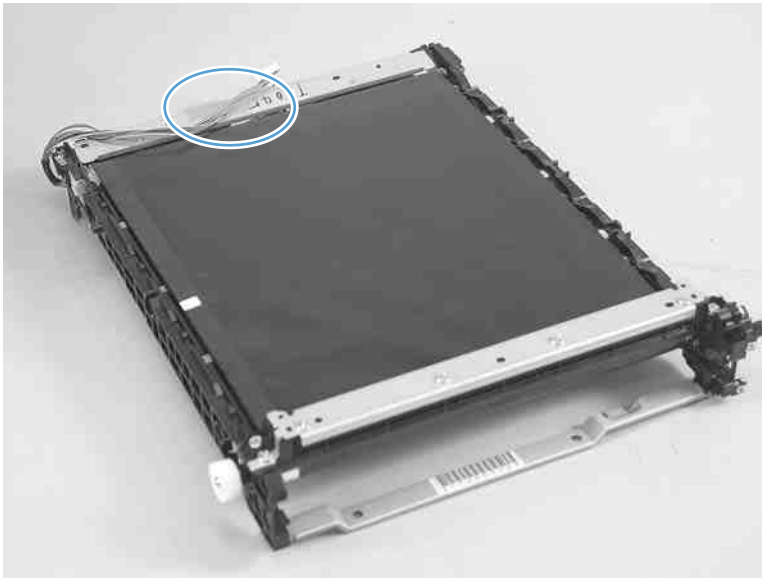
- Tape the wire harness to the sheet-metal frame so that it will not catch on internal components as the ITB is installed.

  With the ITB partially installed, feed the wire harness through the opening in the chassis. See . Finish installing the ITB.

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

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

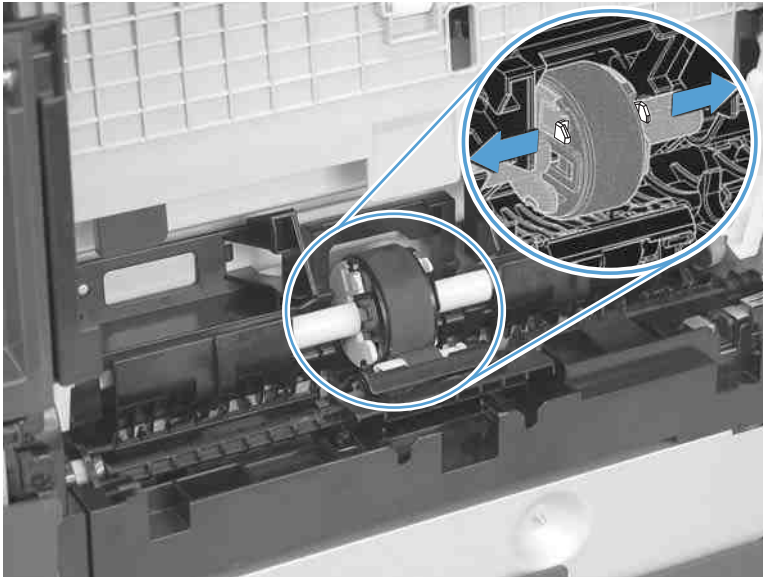**Figure 1-56** Reinstall the ITB (2 of 2)

Rollers

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.

1. Use the following procedure to rotate the roller into the position required to remove it.

   ● Open the Secondary Service menu by pressing and holding both the Left arrow (◄) and the Cancel button simultaneously.

   ● Use the arrow buttons to select **Pick roller**, and then press the OK button.

   ● Press the OK button again to confirm that you want the pick roller to rotate.

   ● Turn the power off.

2. Remove Tray 2, and then carefully place 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 the two white plastic locking tabs and remove the pickup roller.

   Figure 1-4 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.
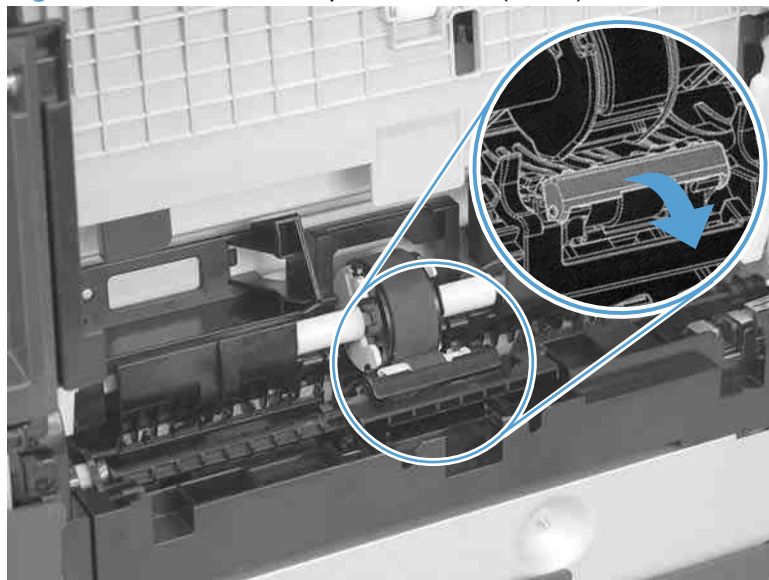
1. Remove paper tray (if installed), and then carefully place the product front-side up.

   📝 **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.

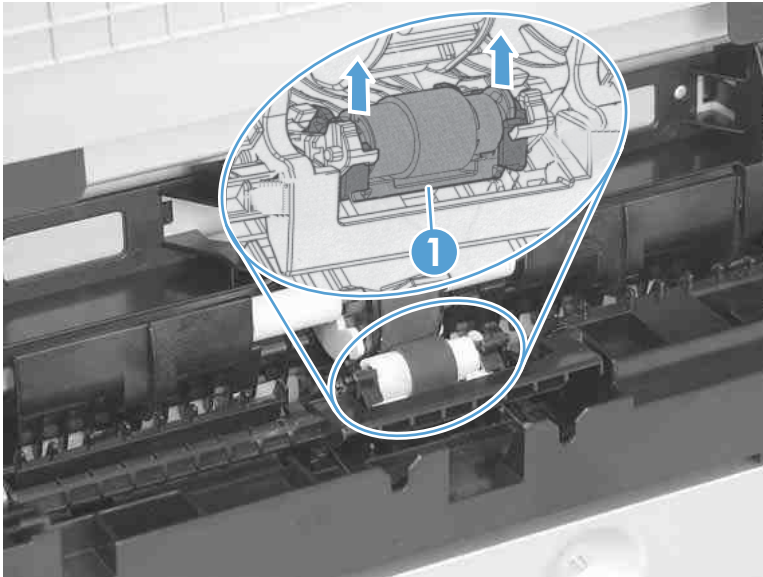2. Carefully release the roller cover and rotate it down and away from the roller.

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

   Figure 1-5 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 1-6 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 1-7 Remove the transfer roller (1 of 3)

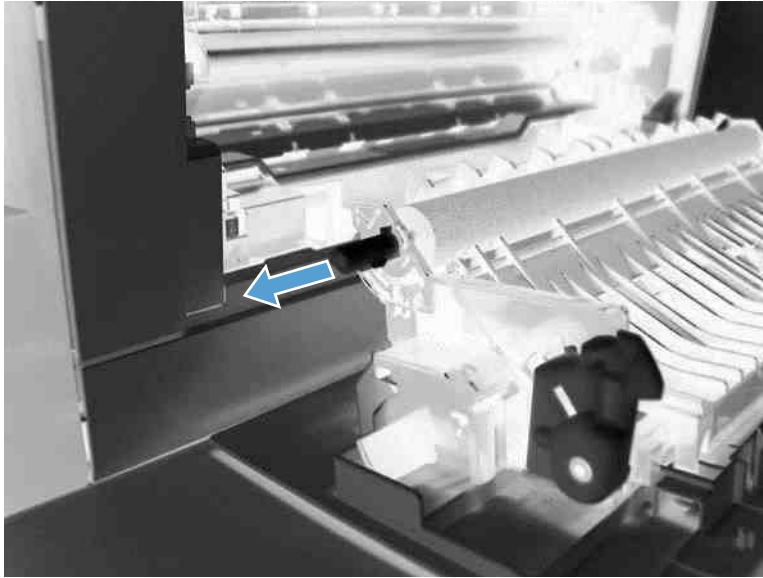3. Remove the clip. Repeat these steps for the remaining retainer clip.

☼ **TIP:** One of the clips is made from a black conductive plastic. Make sure that the clips are reinstalled on the side of the transfer roller that they are removed from.

Figure 1-8 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 1-9 Remove the transfer roller (3 of 3)

Feed assembly

1. Open the rear door.