

Fusing element

- 1 Remove the DIMMs, the back, right, and left covers, the internal paper guide, and the top cover (see pages 89 through 95).
- 2 Also remove the output roller and the delivery assembly (see pages 114 through 117).

Note

Pay special attention to the way these metal clips are attached to the printer chassis before you remove them. This will make reassembly easier.

The fusing element is held in place on each end by two metal spring-loaded clips. Each clip has a small white lever next to it. These levers must be in the “up” position.

- 3 Push each clip down and back, releasing it from the printer chassis.

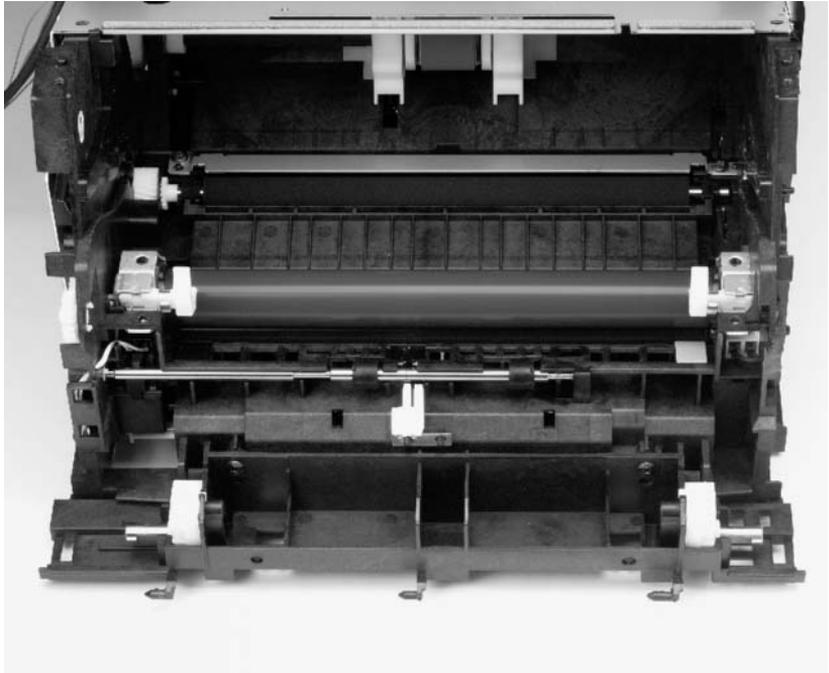


Figure 47. Fusing element removal (1 of 4)

To reinstall the fusing element metal clips



Figure 48. Fusing element metal clips reinstallation

Note

During reassembly, make sure the metal clips are seated properly.

The front of the metal clip has a small threaded hole. There is a corresponding hole on the printer chassis.

Slide the front of the metal clip underneath the threaded tab on the printer chassis so that the two holes line up.

Push down on the metal clip (you will feel the tension springs pushing against the clip) until the small metal tab on the back of the clip snaps into place.

The fusing element has electronic cable connections on both the left and right ends, outside the printer.

- 4 Disconnect the small cable on the left side of the product.



Figure 49. Fusing element removal (2 of 4)

The larger double cable on the right end is held in place by a plastic snap.

- 5 Press down on the top of the plastic snap with a flatblade screwdriver.



Figure 50. Fusing element removal (3 of 4)

- 6 Unwind the cable from the cable guides along the side of the printer.

- 7 After the two cables are disconnected from the right and left sides of the printer, lift the element gently out of the printer.

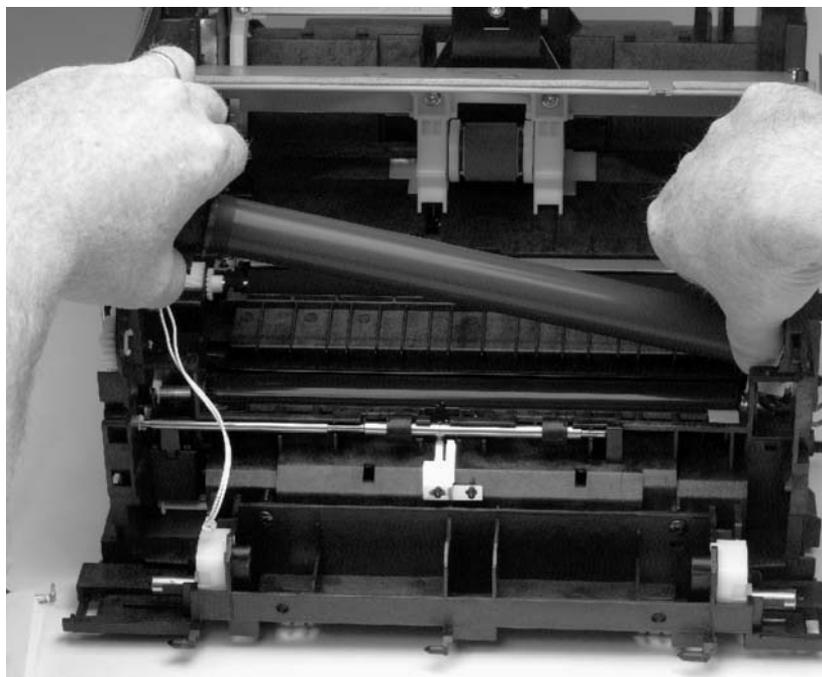
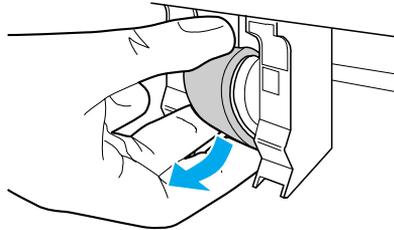


Figure 51. Fusing element removal (4 of 4)

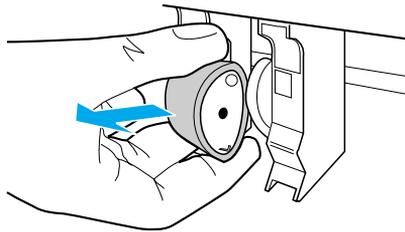
Pickup roller

The pickup roller can be removed without first removing any other product parts.

- 1 Open the printer door.
- 2 Rotate the bottom of the pickup roller towards the front of the printer.



- 3 Gently pull the pickup roller straight out.



To reinstall

It is possible to reinstall the pickup roller upside-down. However, for correct operation of the pickup assembly, make sure you reinstall the pickup roller to its correct position. The more rounded portion of the pickup roller should face the front of the product; the circle tab on the blue plastic should be on top, with the straight tab on the blue plastic on the bottom.

Pressure roller

- 1 Remove the DIMMs, the back, right, and left covers, the internal paper guide, and the top cover (see pages 89 through 95).
- 2 Remove the output roller and the delivery assembly (see pages 114 through 117), and then remove the fusing element and the gear train (see pages 119 through 125).
- 3 Using a flatblade screwdriver, remove the gear from the end of the pressure roller by gently prying the small plastic tab up from the slot in the end of the roller axes.

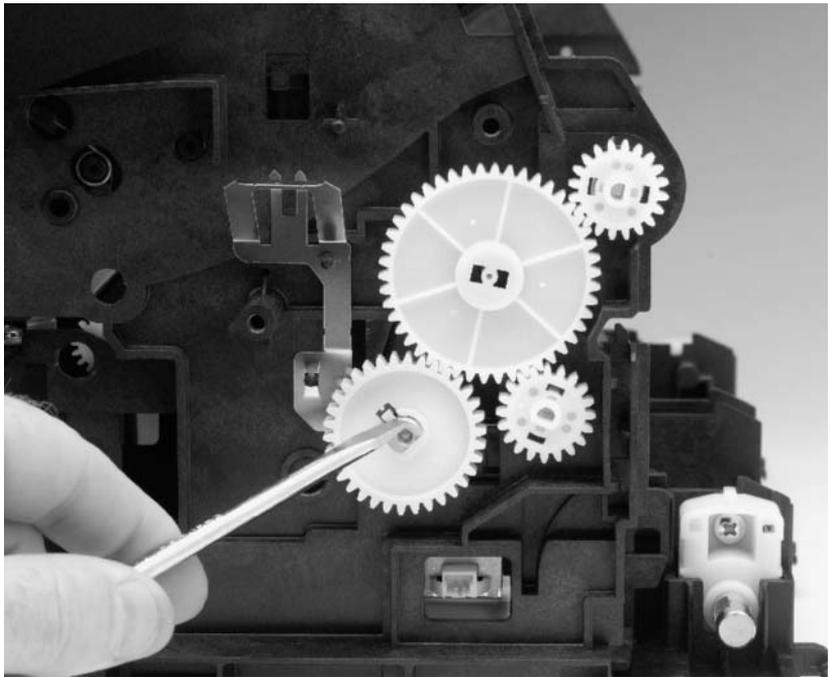


Figure 56. Pressure roller removal (1 of 2)

- 4 Slide the gear off the end of the roller.

CAUTION

The pressure roller is covered with light contact grease. Do not get it on your clothes. See chapter 7, "Parts and diagrams," for information about ordering pressure roller grease.

- 5 Loosen the two screws in the fusing guide (callout 1).

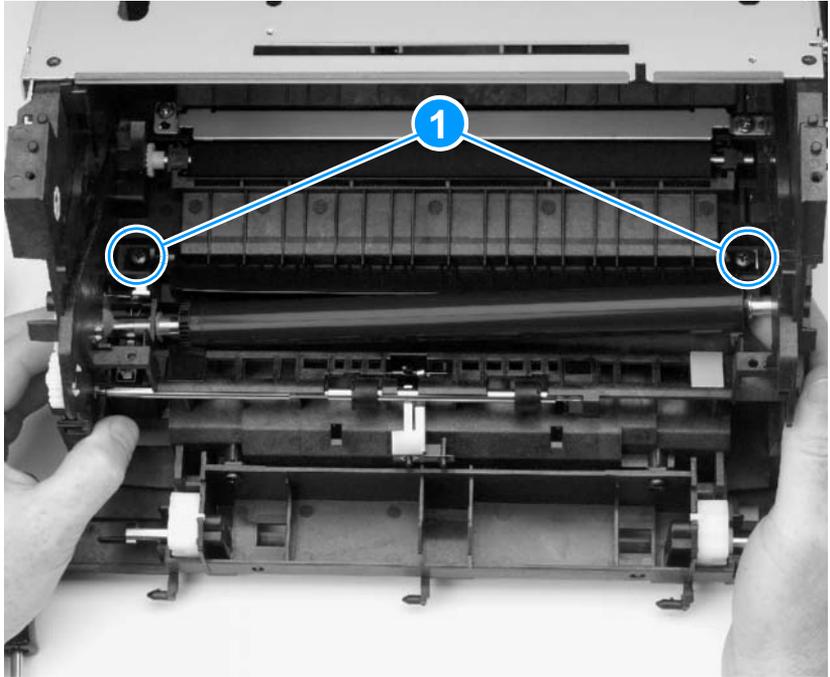


Figure 57. Pressure roller removal (2 of 2)

- 6 Lift the right end of the pressure roller out of the half-bushing and slowly move the roller to the right, pulling the left end of the roller axle out of the opening on the left side of the printer.

Note

The bushings are not connected to the printer chassis and can come loose during removal.

Separation pad

- 1 Remove the DIMMs, the back, right, and left covers, the internal paper guide, and the top cover (see pages 89 through 95).
- 2 Also remove the paper pickup assembly and the kick plate (see pages 132 through 134).
- 3 Disconnect the laser/scanner.
- 4 Lift the bottom of the white plastic tab (callout 1) on the rear of the paper-feed frame up slightly and slide it up, toward the top of the paper-feed frame. This will release the separation pad.

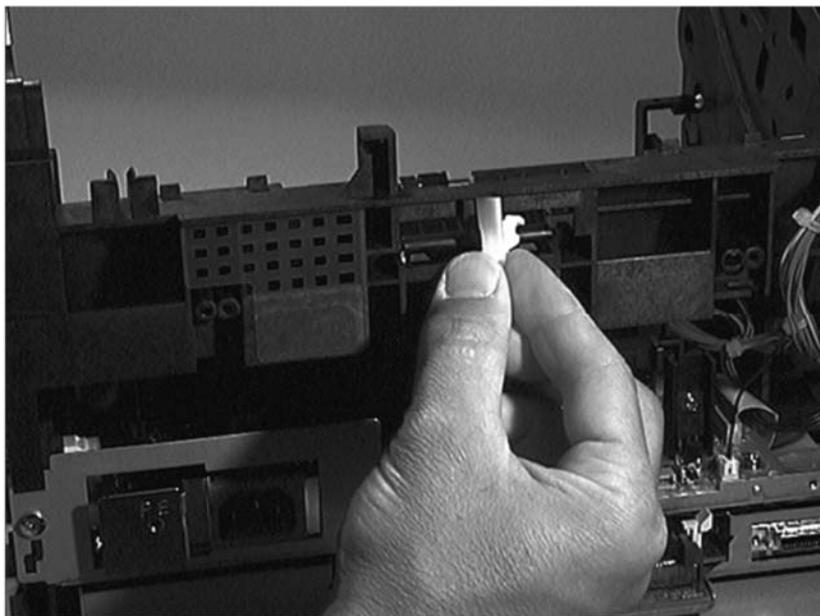


Figure 62. Separation pad removal (1 of 2)

- 5 Slide the separation pad out through the brackets that secure it.



Figure 63. Separation pad removal (2 of 2)

Transfer roller

The transfer roller can be removed without first removing any other product parts.

CAUTION

Do not touch the black portion of the transfer roller.

Note

A grounding spring is attached to the bottom of the left end of the transfer roller. This spring can come loose during assembly or removal.

- 1 Open the printer door.
- 2 Using needle nose pliers, release the transfer roller by gently squeezing the small plastic snaps on the left end of the roller.

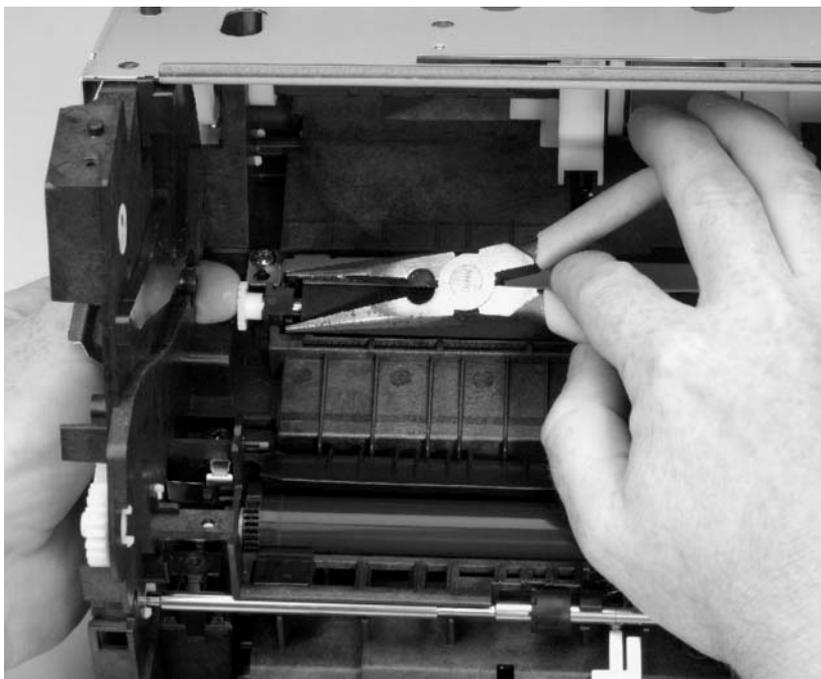


Figure 58. Transfer roller removal

- 3 Lift the transfer roller up and out.