

Fuser (fixing) assembly

1. Remove the following assemblies.
 - Right-side cover. See [Right-side cover on page 64](#).
 - Left-side cover. See [Left-side cover on page 66](#).
 - Top-cover assembly. See [Rear panel and top-cover assembly on page 66](#).
2. Disconnect cables, as necessary, from near the top of the engine-power assembly, and disconnect the high-voltage wire (callout 1) from the back of the printer.



CAUTION Do *not* pull directly on the wires when a connector is disconnected. *Always* pull on the plastic body of a connector to avoid damaging the connector wires.

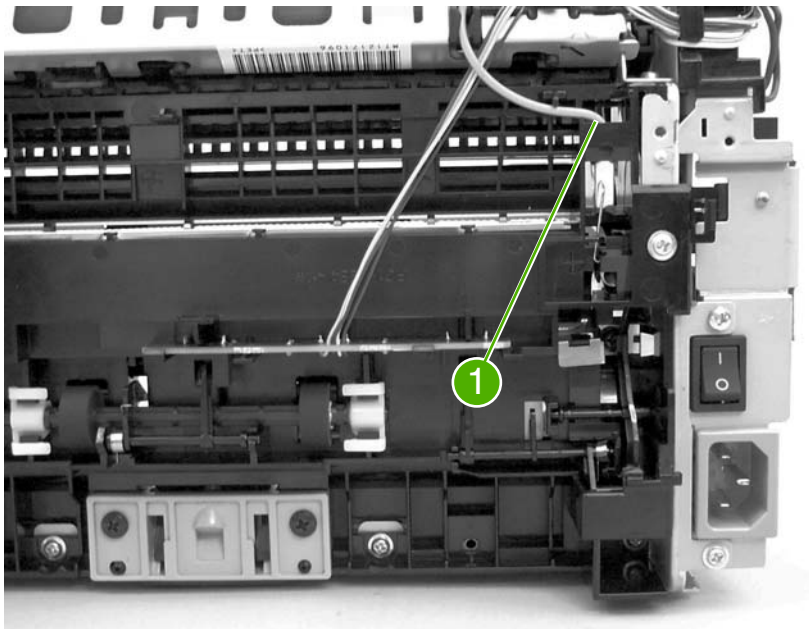


Figure 5-25 Remove the fuser (fixing) assembly (1 of 2)

3. Remove the wire harnesses from the plastic harness retainers.

4. Remove three screws (callout 2). (This figure shows the delivery-sensor PCB removed, but it is not necessary to remove this PCB in order to remove the fuser).

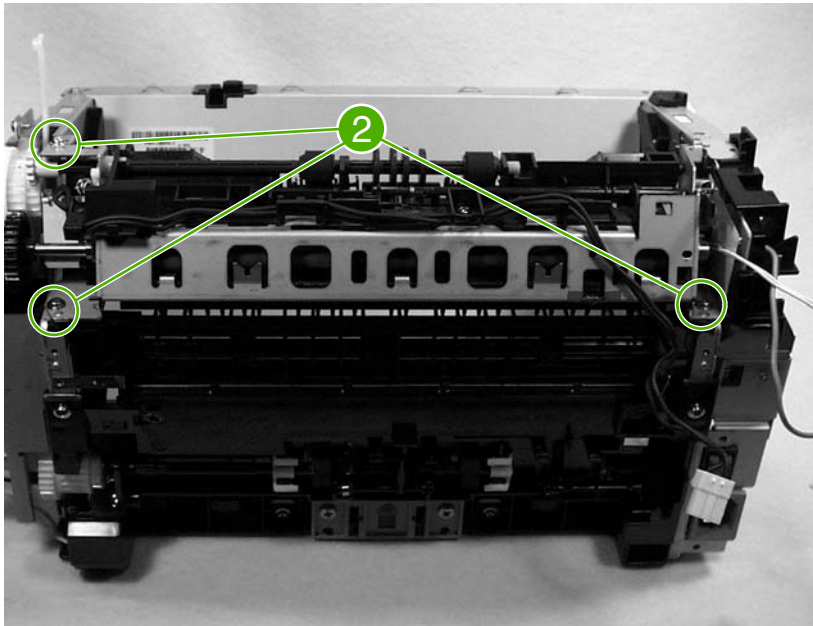


Figure 5-26 Remove the fuser (fixing) assembly (2 of 2)

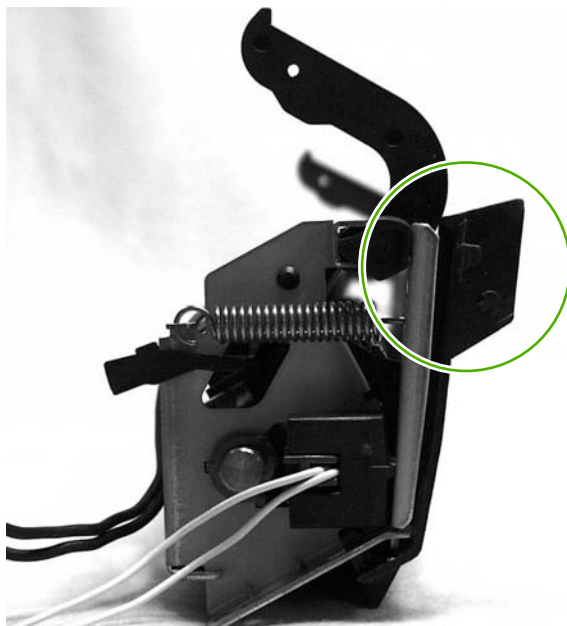
5. Lift the end of the fuser assembly from the right side of the printer, and remove it.



Reinstallation tip When replacing the fuser assembly, be sure to transfer the delivery sensor PCB from the old fuser to the new one.



NOTE When reinstalling the fuser assembly, be careful not to break the plastic tab on the assembly.



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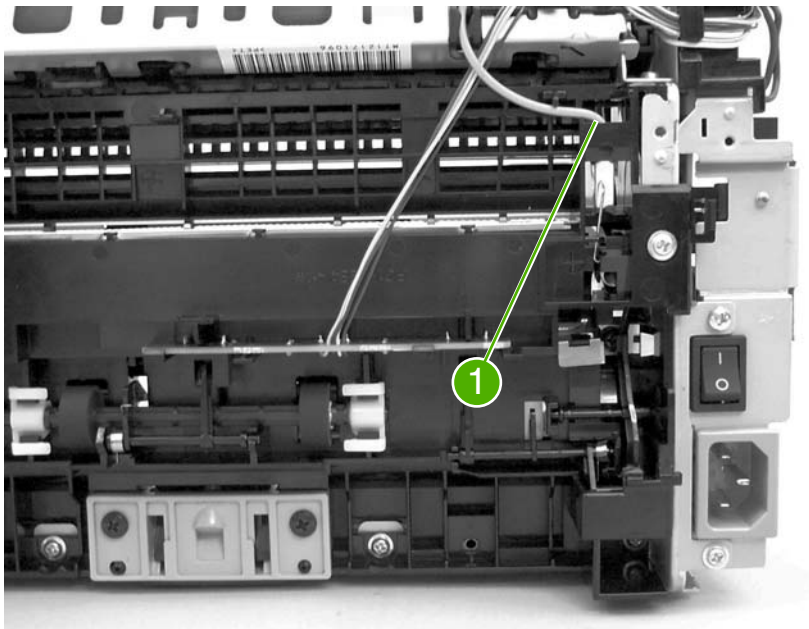


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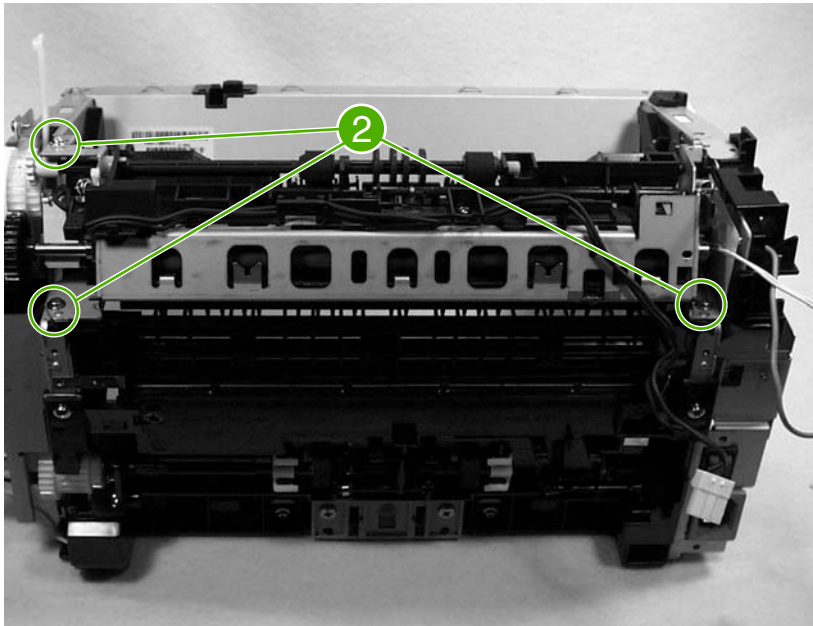


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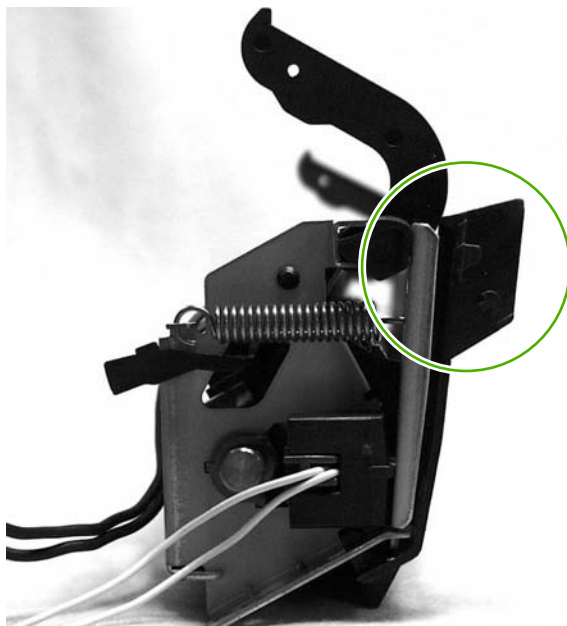
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Reinstallation tip When replacing the fuser assembly, be sure to transfer the delivery sensor PCB from the old fuser to the new one.



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User-replaceable parts

To order a new pickup roller or separation pad, go to <http://www.hp.com/go/hpparts>.

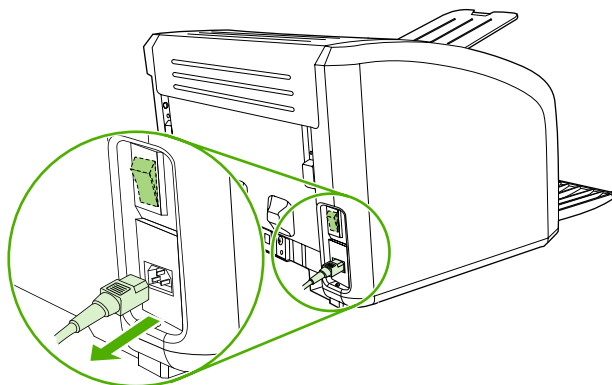
Replacing the pickup roller

If the printer regularly misfeeds (no media feeds through) and cleaning the pickup roller does not fix the problem, replace the pickup roller.

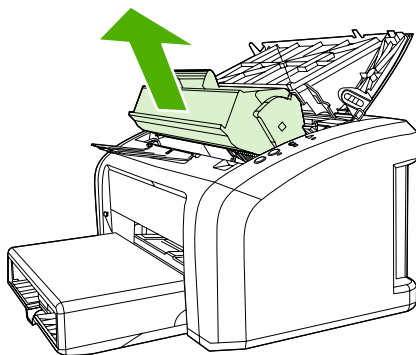


CAUTION Failure to complete all of the steps in this procedure might damage the product.

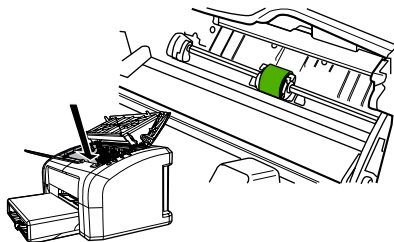
1. Turn off the printer, unplug and remove the power cord. Wait for the printer to cool.



2. Open the print-cartridge door, and remove the print cartridge (HP LJ 1010 series printer shown).



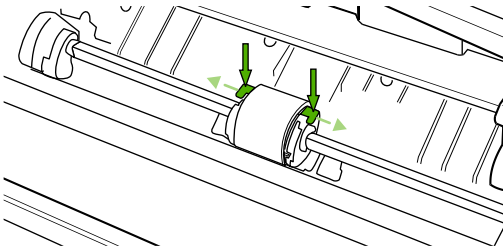
3. Locate the pickup roller (HP LJ 1010 series printer shown).



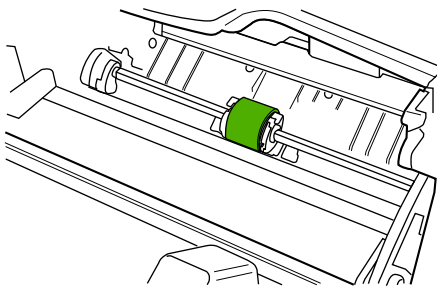
4. Gently release the small, white tabs on each side of the pickup roller by pushing them away from the roller, and then rotate the pickup roller toward the front.



CAUTION Use gentle pressure to release the small, white tabs to avoid breaking them.



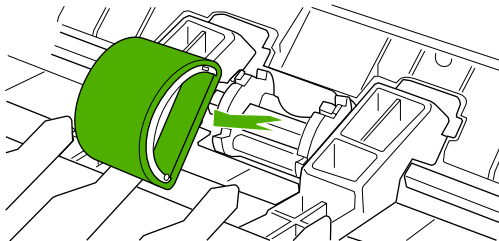
5. Gently pull the pickup roller up and out.



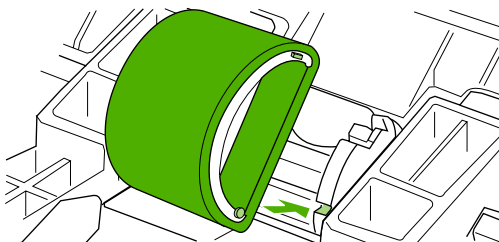
6. Position the new pickup roller in the slot of the previous pickup roller.



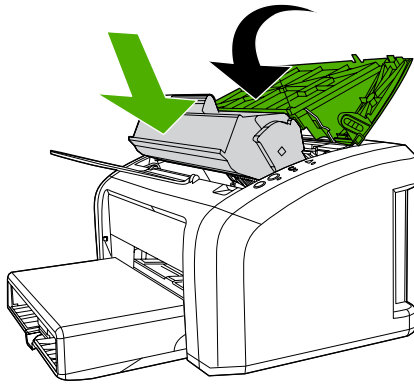
NOTE Circular and rectangular pegs on each side prevent you from incorrectly positioning the pickup roller.



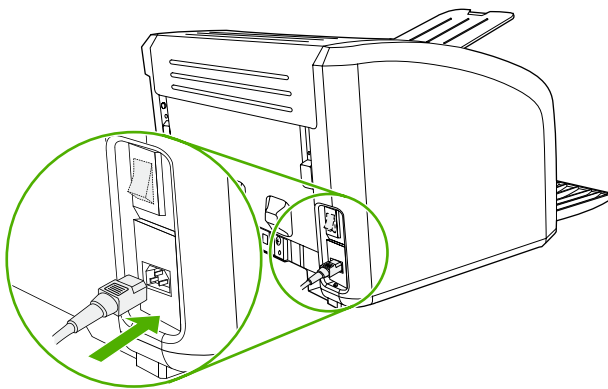
7. Rotate the top of the new pickup roller into position until the white tabs on each side of the roller snap the roller into place.



8. Reinstall the print cartridge, and close the print-cartridge door.



9. Plug in the printer, and then turn it on.



Replacing the separation pad

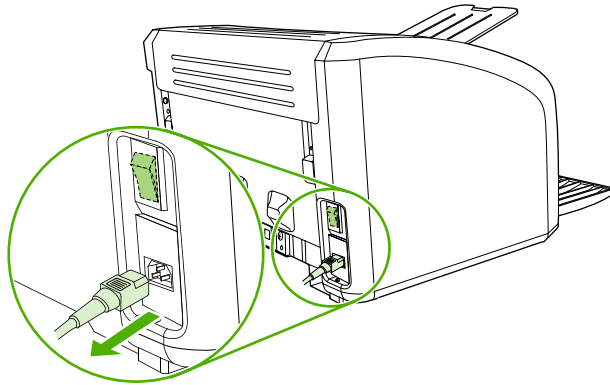
If the printer regularly pulls multiple sheets of media at a time, you might need to change the separation pad. Recurring feed problems might indicate that the separation pad is worn.

Normal use with good-quality media causes wear. The use of poor media might require more frequent replacement of the separation pad.

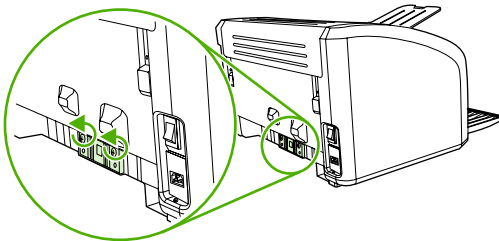


NOTE Before you change the separation pad, clean the pickup roller. See [Cleaning the pickup roller on page 29](#). To order parts, go to <http://www.hp.com/go/hpparts>.

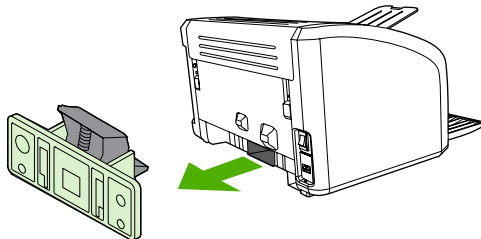
1. Turn off the printer, unplug and remove the power cord. Wait for the printer to cool.



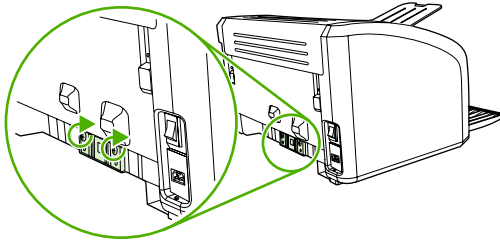
2. At the back of the printer, use a #2 Phillips screwdriver to unscrew the two screws that hold the separation pad in place.



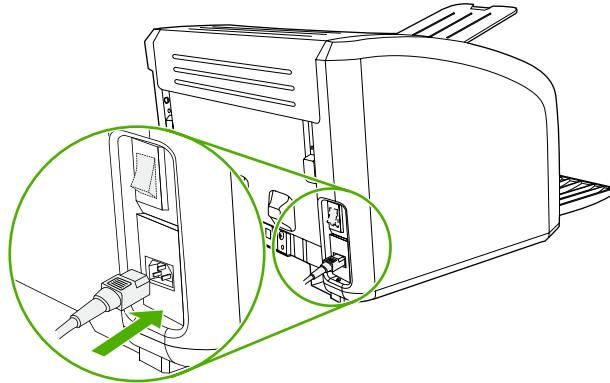
3. Remove the separation pad.



4. Insert the new separation pad, and screw it in place.



5. Plug the printer in, and then turn it on.



Internal assemblies

When replacing internal assemblies, make sure to transfer any component parts that are not provided with the new assembly from the failed assembly to the new assembly. For example, sensor PCBs are not included with the fuser assembly or the paper-pickup assembly. The sensor PCB from the failed assembly must be transferred to the new assembly.

Transfer-roller assembly

Before proceeding, make sure it is absolutely necessary to remove the transfer roller.

CAUTION Be very careful not to break the paper guide that is removed during replacement of the transfer roller. This is not a service part. If the paper guide is broken, the entire printer must be replaced.

CAUTION Do not touch the black-sponge portion of the transfer roller. Skin oils and finger prints can cause print-quality problems.

1. Open the print-cartridge door, and then release the two tabs on the paper guide and rotate it up.

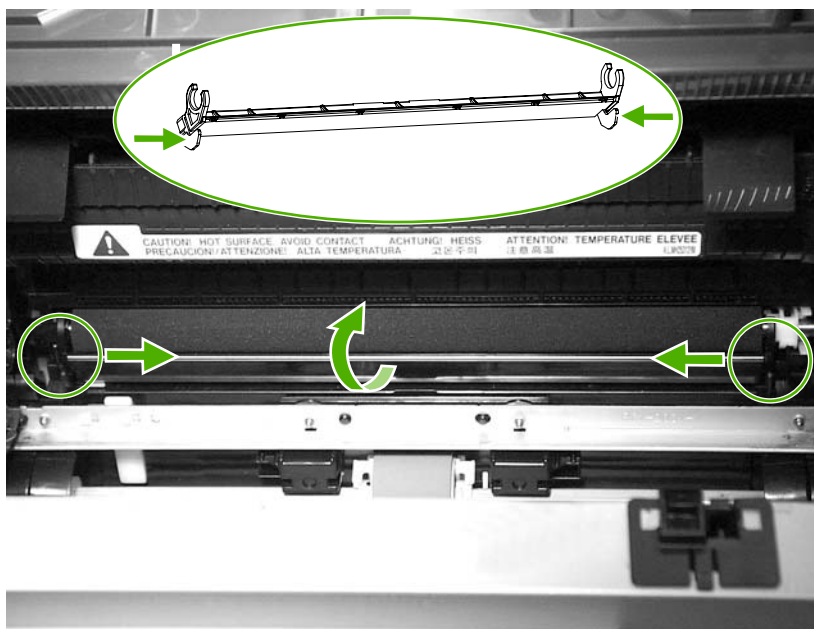


Figure 5-20 Remove the transfer roller (1 of 3)

2. The clamps on the paper guide fit over the bearings on the right and left ends of the transfer roller. *Do not touch the black-sponge portion of the transfer roller.* Grasp the right end of the paper guide and pull the clamp off the right bearing. Slide the paper guide slightly to the right, and the left clamp will slide off the left bearing.

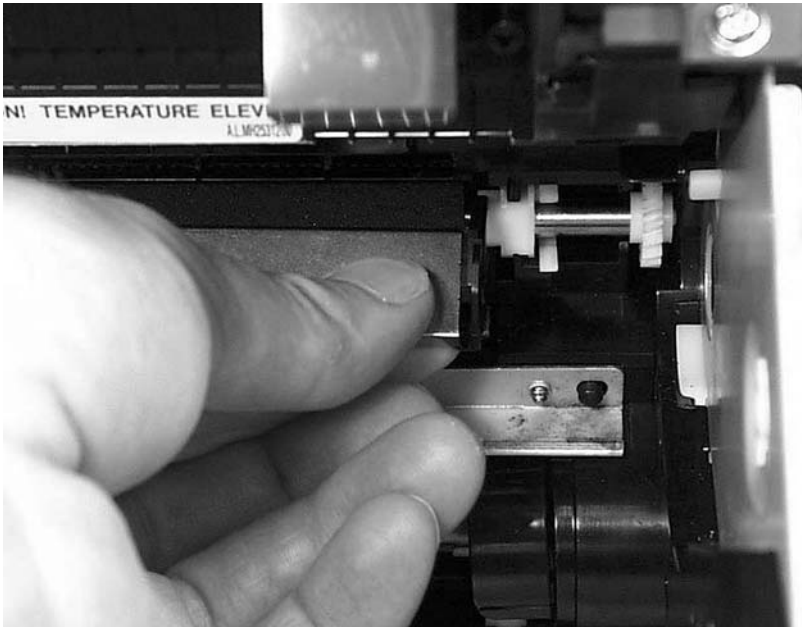


Figure 5-21 Remove the transfer roller (2 of 3)

3. Use needle-nose pliers or your fingers to squeeze the two small tabs on the transfer roller.



Figure 5-22 Remove the transfer roller (3 of 3)

4. Angle the transfer roller up while holding on to the gear on the right side. Slide the roller toward right side of the printer, and lift both the transfer roller and the transfer-roller guide out of the printer.



Reinstallation tip A small grounding spring is under the right transfer-roller bearing. When reinstalling the transfer roller, position this spring correctly under the right bearing. Reverse the removal process to install the new transfer roller. Then reinstall the paper guide by gently pressing the two ends of the guide onto the transfer-roller bearings until the clamps snap into place. Rotate the paper guide down until the tabs on both ends engage.

Engine-power assembly

1. Remove the following assemblies
 - Right-side cover. See [Right-side cover on page 64](#).
 - Left-side cover. See [Left-side cover on page 66](#).
 - Top-cover assembly. See [Rear panel and top-cover assembly on page 66](#).
 - Front cover. See [Front cover on page 71](#).
2. Disconnect six cables (callout 1) near the top of the power assembly.



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3. Remove four screws (callout 2).

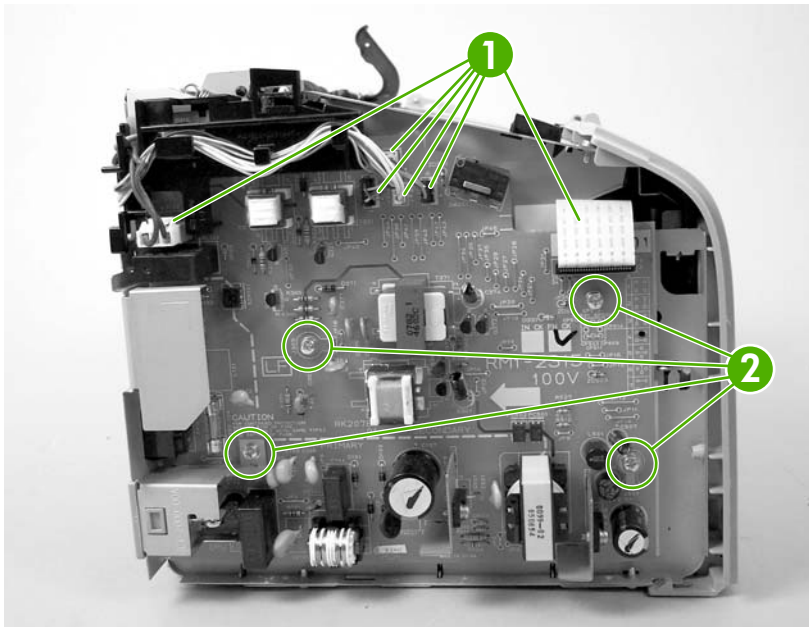


Figure 5-23 Remove the engine-power assembly (1 of 2; HP LJ 1020 printer shown)

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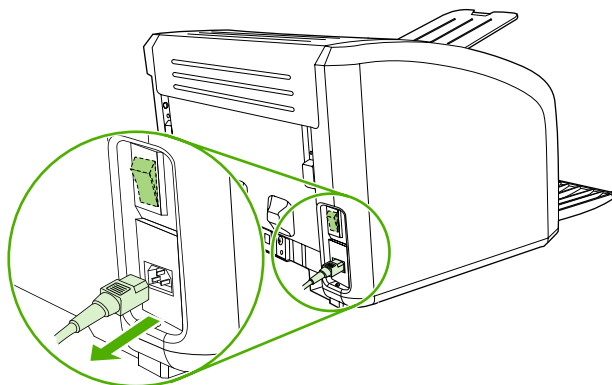
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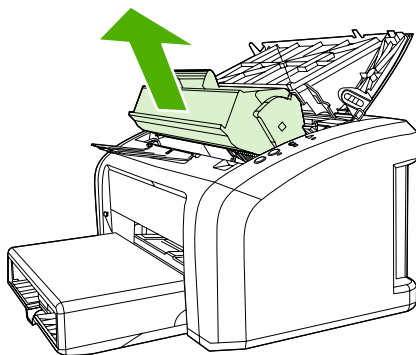


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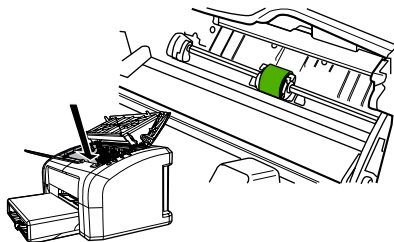
1. Turn off the printer, unplug and remove the power cord. Wait for the printer to cool.



2. Open the print-cartridge door, and remove the print cartridge (HP LJ 1010 series printer shown).



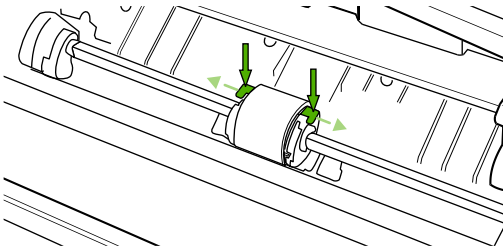
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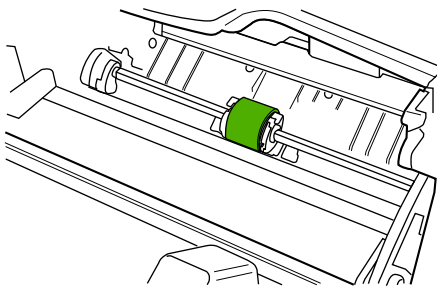
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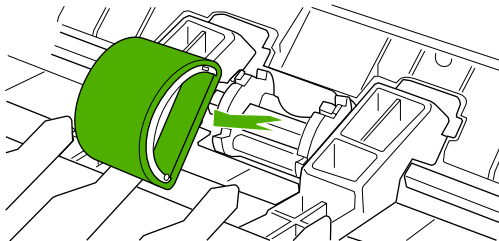
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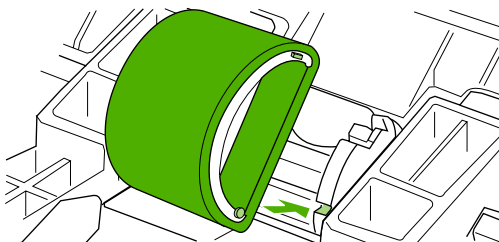
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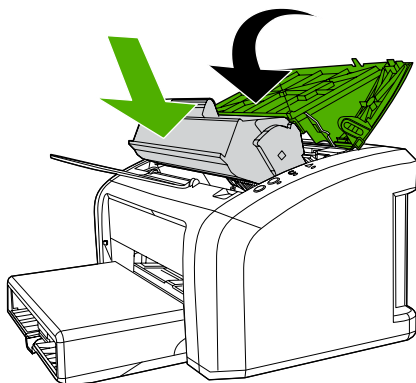
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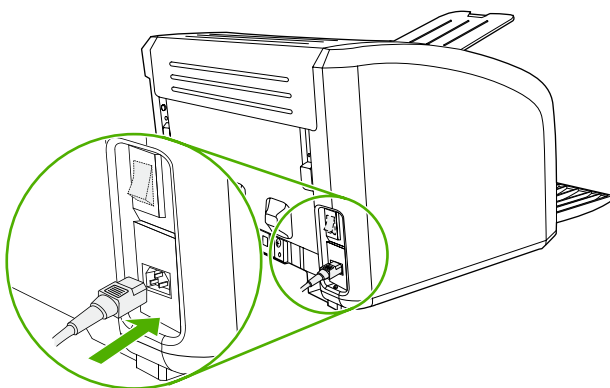
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9. Plug in the printer, and then turn it on.



Replacing the separation pad

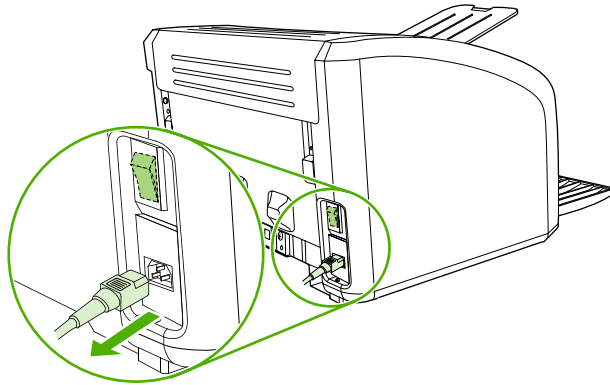
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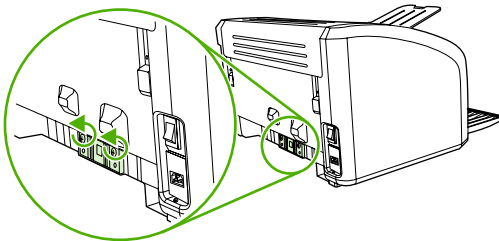


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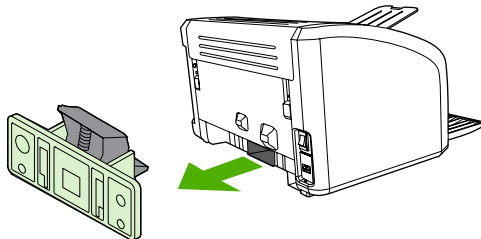
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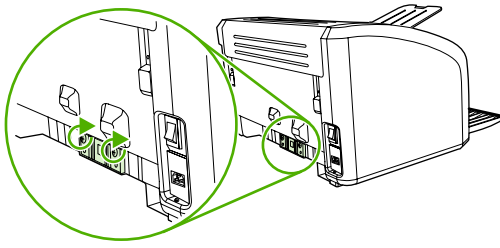
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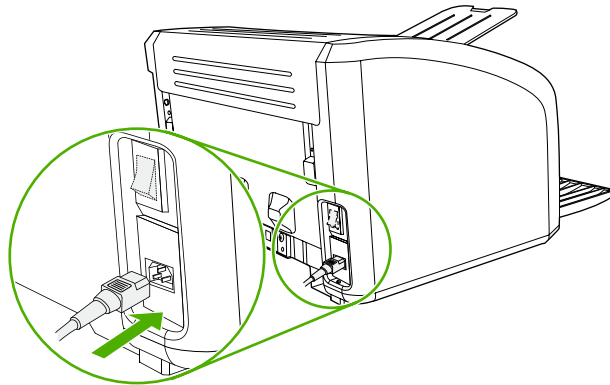
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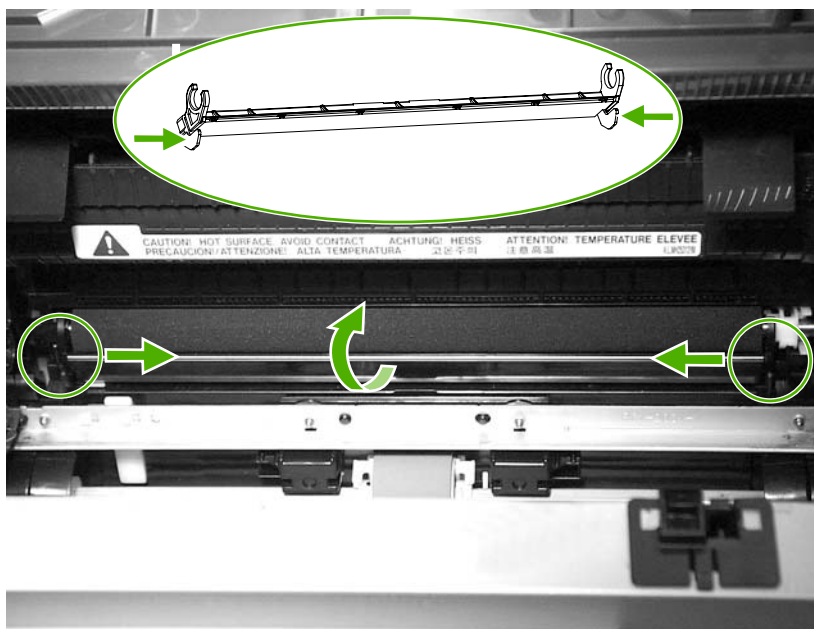


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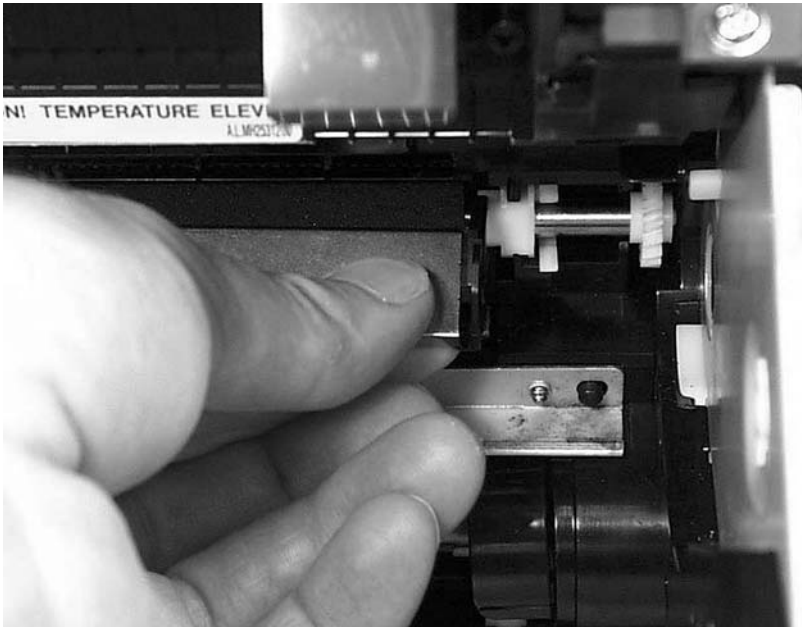


Figure 5-21 Remove the transfer roller (2 of 3)

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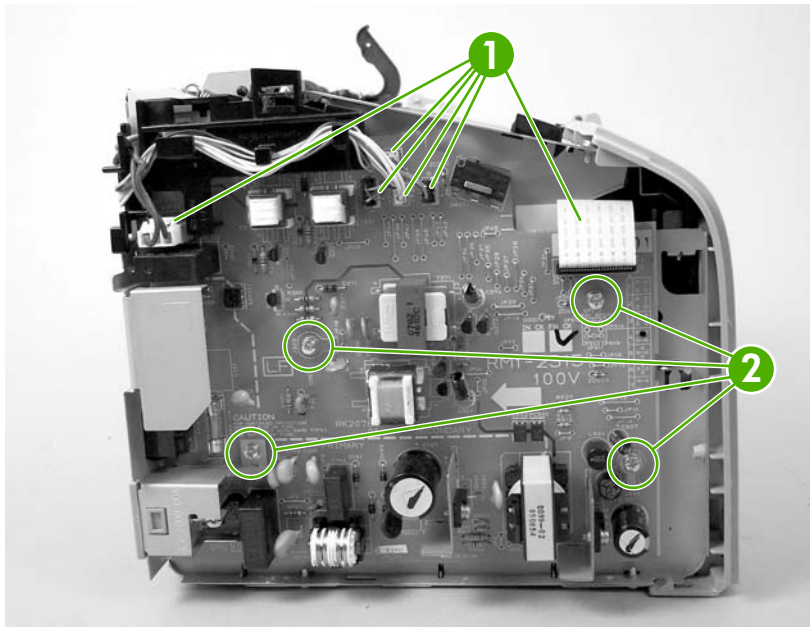


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