

HP Laser Jet 2400 Series Fixing Drive Side Plate Assembly

Fixing Drive Side Plate Assembly- RM1-1500 – page 1

CAUTION: Fuser may be hot. Turn off printer, unplug it and allow it to sit for 20 to 30 minutes before performing these maintenance procedures.

Fixing Drive Side Plate Assembly Removal and Installation

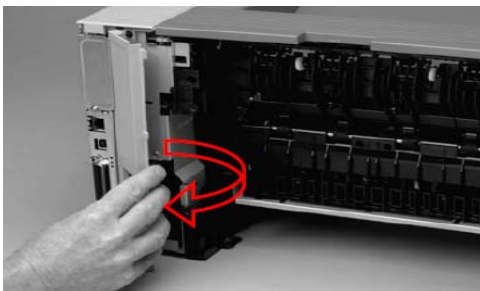
1. Remove **Toner Cartridge and Tray 2 250 Sheet Cassette**
2. Remove all **Printer Covers**



a.) Remove **Right Side Cover** by sliding the cover toward the back of the printer



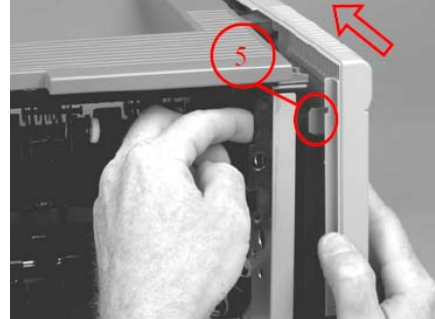
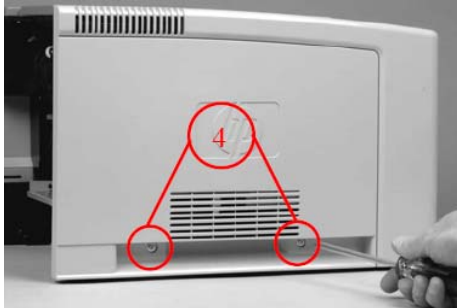
b.) Remove the **Rear Cover** by opening the face-up delivery door all the way, press the door down to disengage two door stops (callout 1). Remove two screws (callout 2). Close the face-up delivery door, and carefully tip the printer so it rests on its front. Open the legal size cover, and then disengage one tab (callout 3). Lift the bottom first, then lift cover up and away from printer.



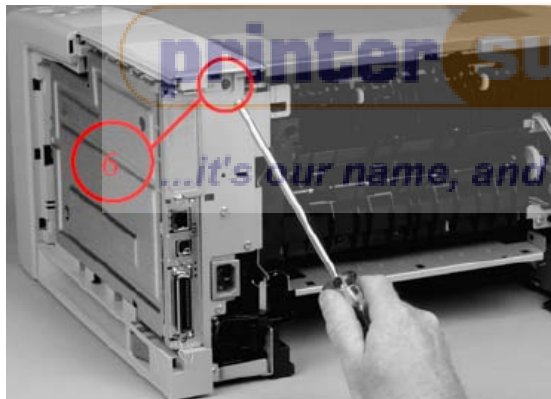
c.) Remove **I/O cover** by rotating the cover to clear tabs at the right side of the printer.

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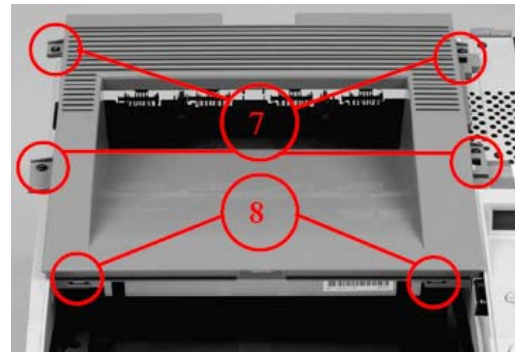
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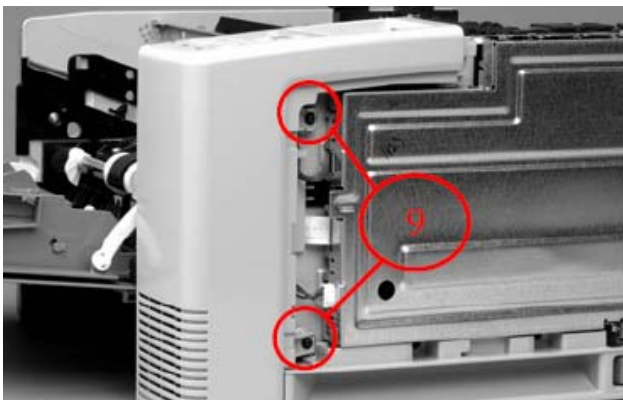
d.) Remove **Left Cover** by removing two screws (callout 4), then open toner cartridge door. Release one tab (callout 5) the back of printer by pressing the tab through a hole in the chassis, then pull cover at the back slightly. Slide the cover toward the front to printer to clear the tabs at the front and then lift cover away from the printer



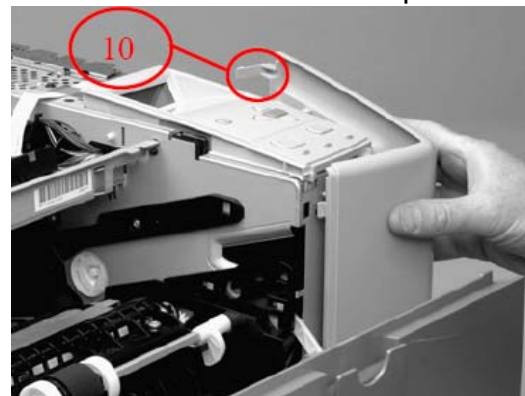
e.) Remove **Top Right Cover** by removing one screw and lifting cover off the printer.



f.) Remove **Top Cover** by four screws (callout 7). Lift the back of the top cover and then slide the cover toward the front of the printer to clear the tabs (callout 8).

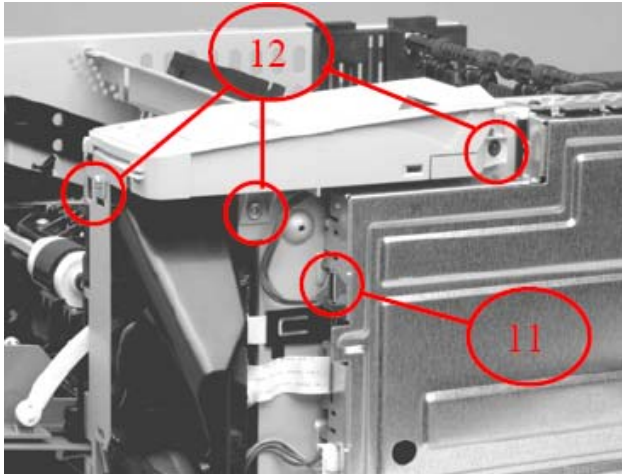


g.) Remove **Front, Right Cover** by removing two screws (callout 9). Release one tab (callout 10) at the back of the cover then rotate the cover to clear two tabs at the front of printer.

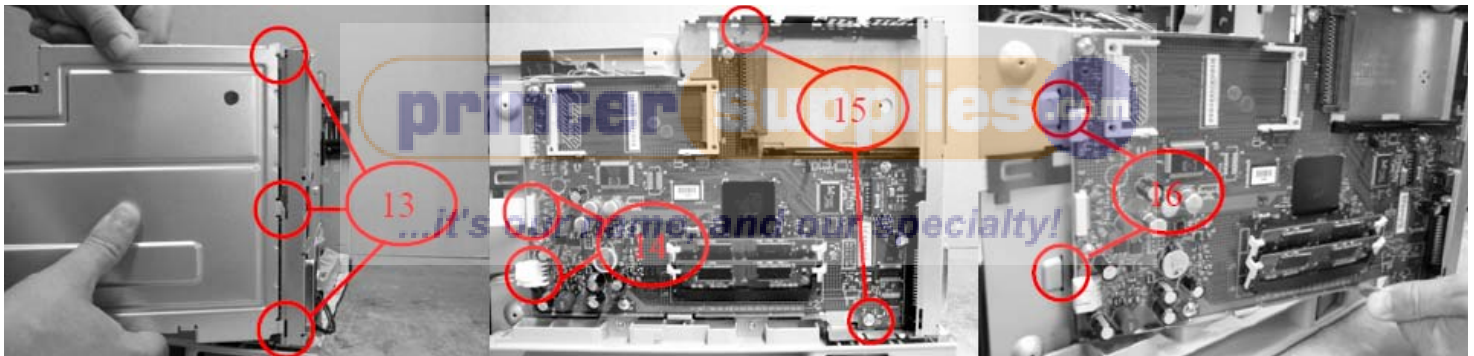


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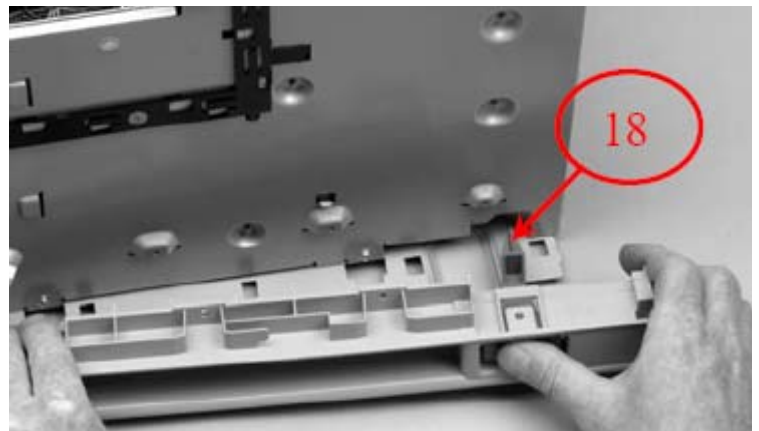
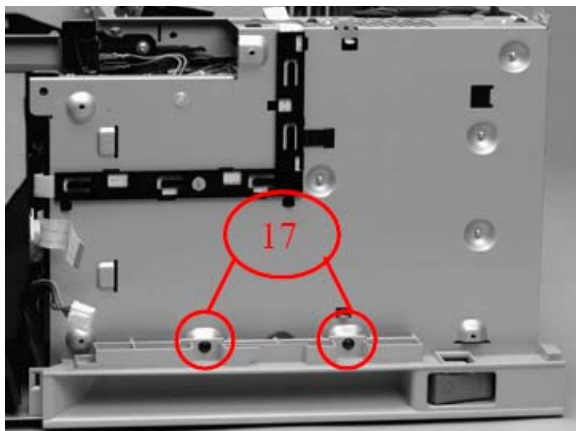


h.) Remove **Control Panel** by disconnecting one cable (callout 11), then remove three screws (callout 12). Lift control panel off printer.



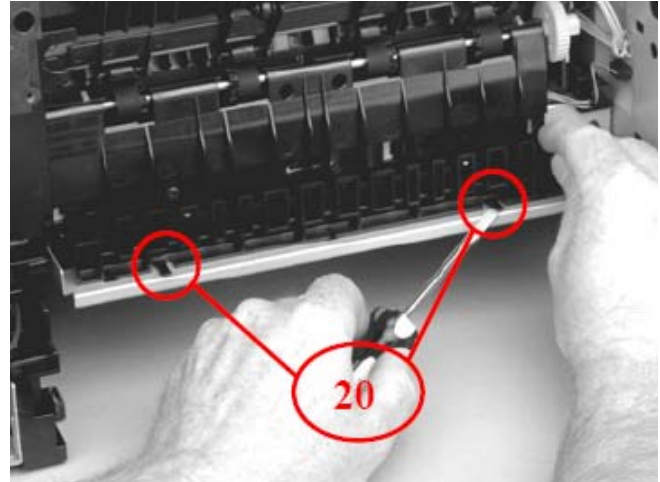
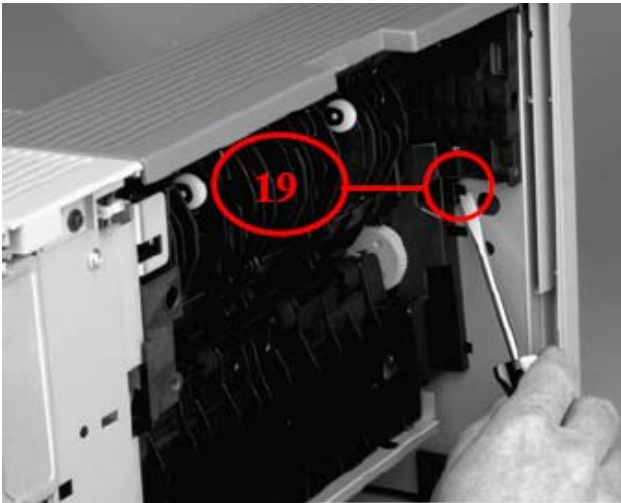
3. Remove **Formatter**

a.) Open formatter cover, and then lift the cover off the hinges (callout 13). Unplug one ribbon cable and one connector (callout 14). Remove two screws (callout 15). Rotate the formatter slightly away from the printer and pull the formatter straight back to clear the two tabs (callout 16).



b.) Remove **Right Side Handle** by removing two screws (callout 17). Slide the handle toward the back of the printer until the power switch (callout 18) is adjacent to the hole in the printer chassis then rotate the handle so that the power switch clears the hole. Remove handle.

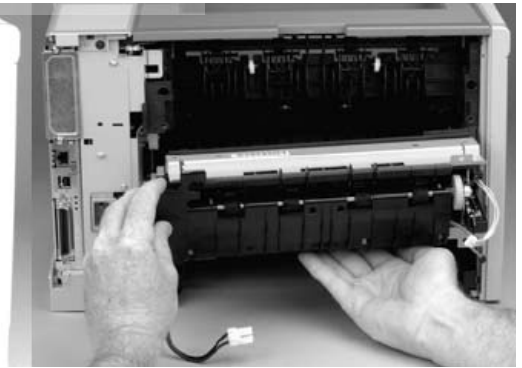
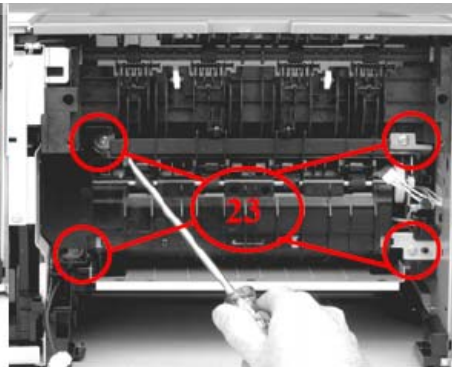
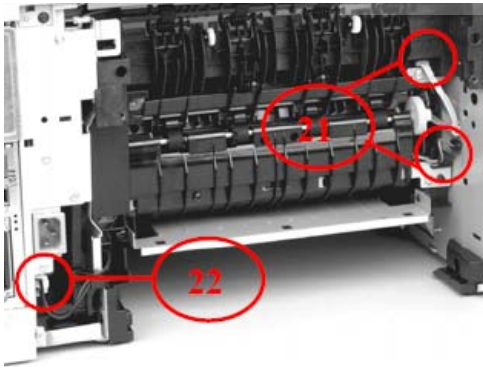
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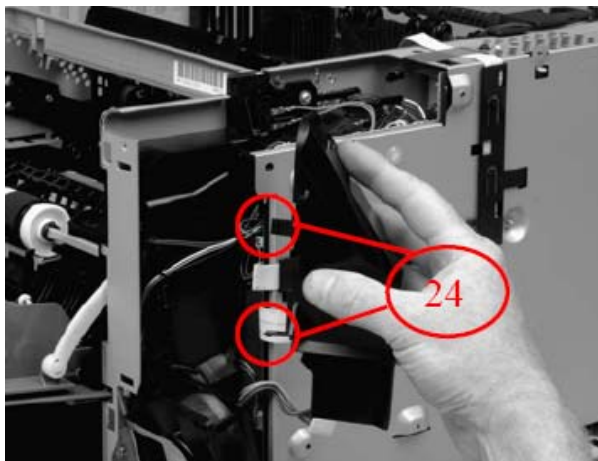
4. Remove Fuser

a.) Remove the fuser cable cover by releasing one tab (callout 19) on the cover, and then rotate the back of the back of the cover toward the center of the printer. Remove the duplexer inlet guide by releasing two tabs (callout 20) on the guide, and the sliding the guide towards the back of the printer to remove.

...it's our name, and our specialty!



b.) Disconnect two cables from the right side of the fuser cavity (callout 21). Remove one cable from below the power cord inlet (callout 22). Remove four screws (callout 23). Slide fuser out the back of the printer.

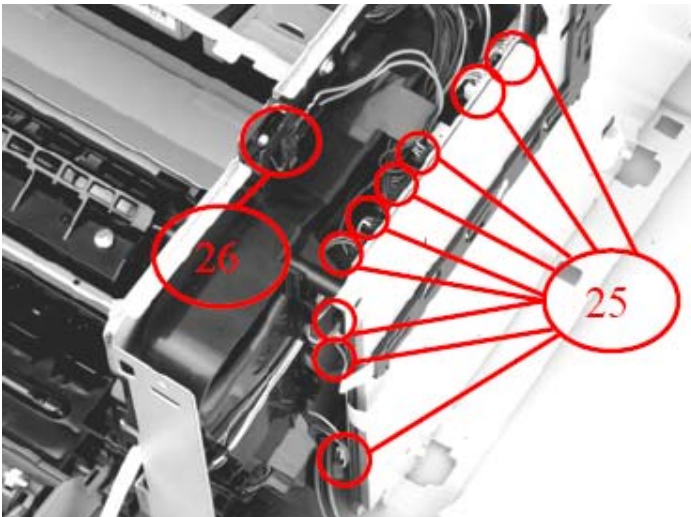


5. Remove ECU

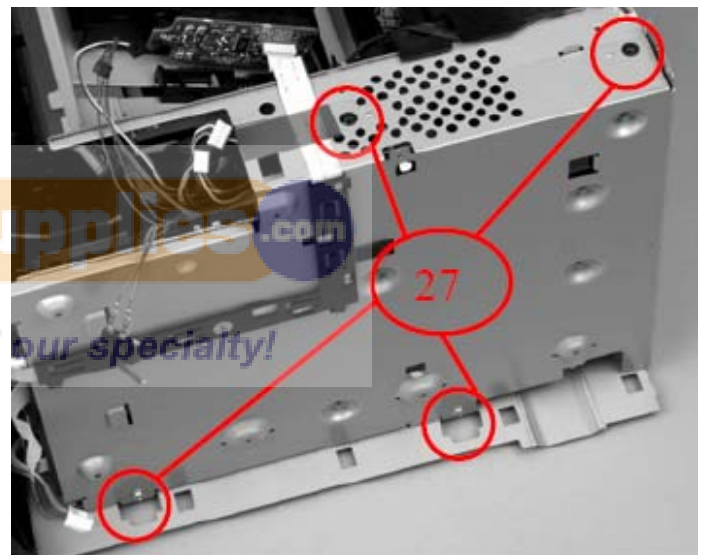
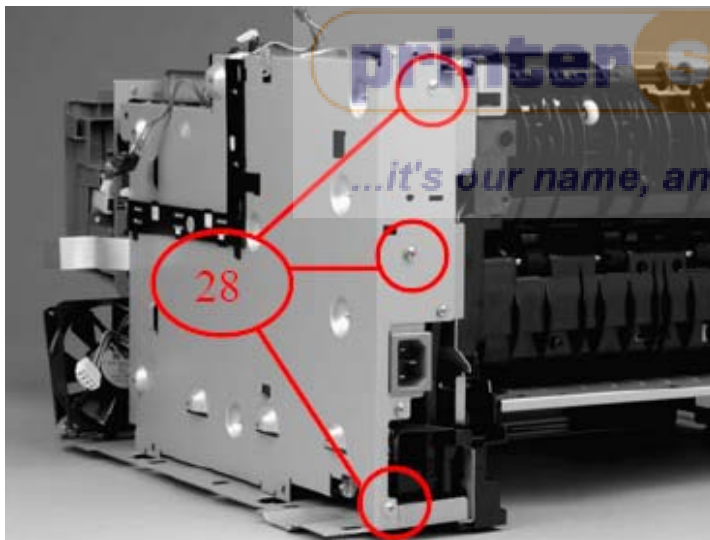
a.) Remove the air duct by squeezing the two release tabs (callout 24) and lift off printer.

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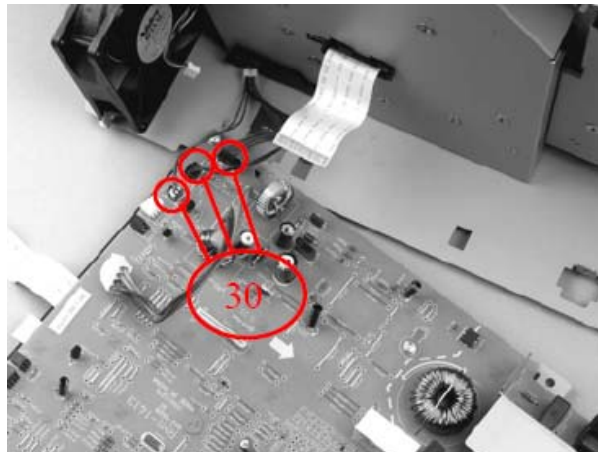
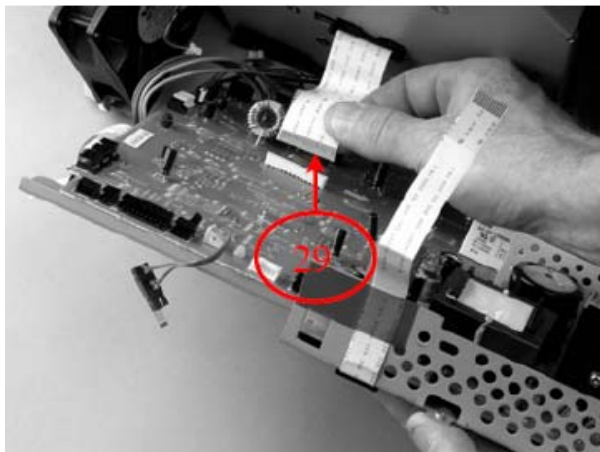
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Disconnect nine cables (callout **25**); six cables at the top of the ECU and three cables at the front of the ECU. Remove the cartridge door switch (callout **26**) from its mount.



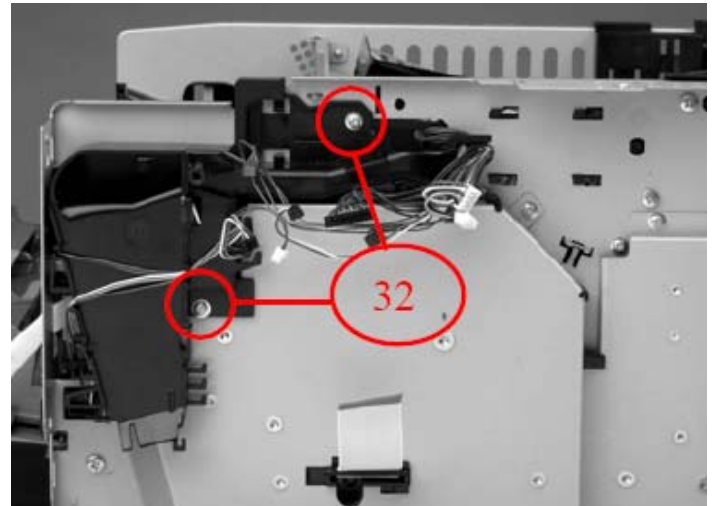
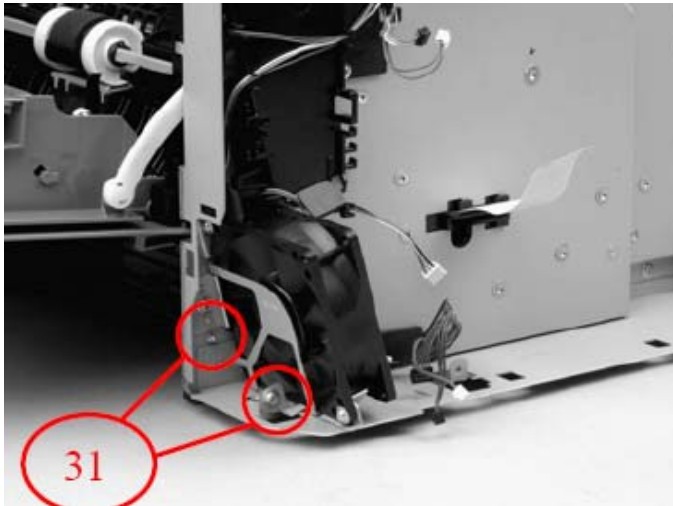
b.) Remove four screws (callout **27**), two on the top and two at the bottom of the ECU. Remove three screws (callout **28**) at the back of the ECU pan.



c.) Tilt the top of the ECU away from the printer and disconnect one ribbon cable (callout **29**). Lay the ECU pan down on the work surface and remove three cables (callout **30**). Remove ECU.

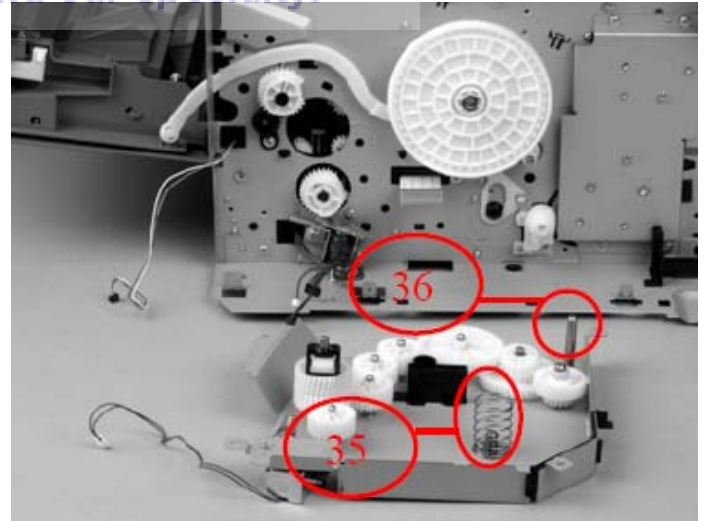
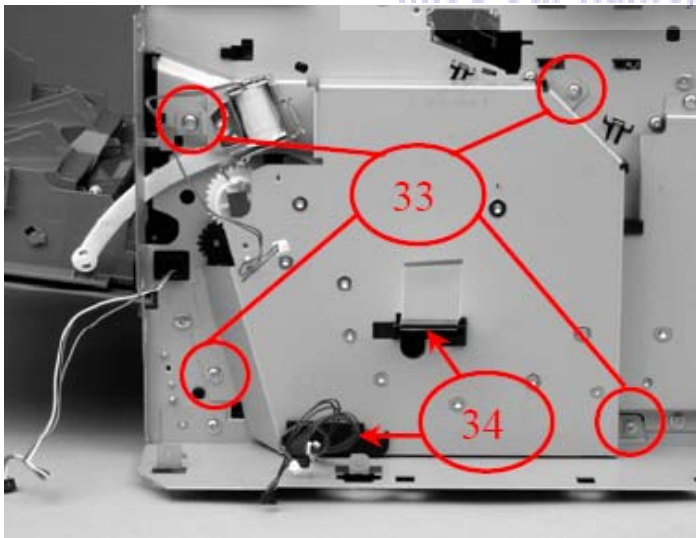
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6. Remove Gear Assembly

a.) Remove the fan by removing two (callout 31) that secure the right side fan to the printer. Remove two screws (callout 32) that secure the air duct to the chassis. Unwind the cables from there cable stays, and then remove the air duct. *Reinstallation tip; open the cartridge door before reinstalling the air duct.*



b.) Remove four screws (callout 33) from the gear assembly plate. When removing the gear plate from the printer, be care full when pulling the cables through the gear plate (callout 34).

NOTE: The spring (callout 35) is not attached to the gear-assembly plate or to the large gear. As a result, As a result, the spring might fall out of the printer when you remove the gear assembly might fall out of the printer when you remove the gear assembly.

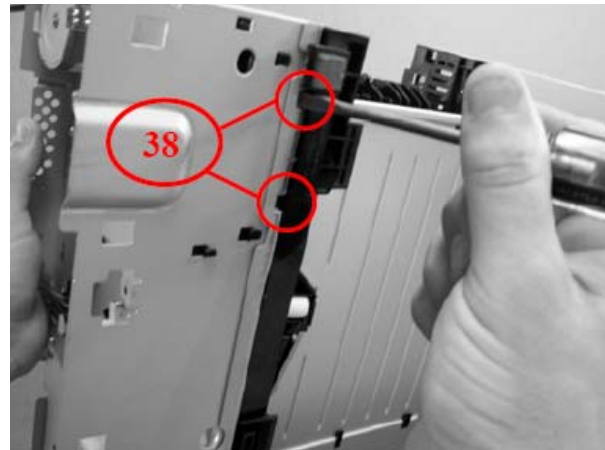
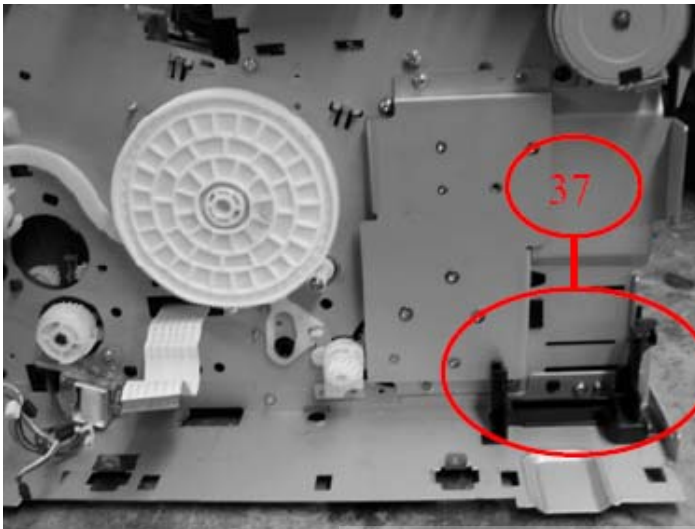
Reinstallation tip: Close the cartridge door and press the large gear against the printer chassis before you start to reinstall the gear assembly.

Reinstallation tip: The spring has a locator pin that should be inserted into the small hole in the gear-assembly plate before reinstallation.

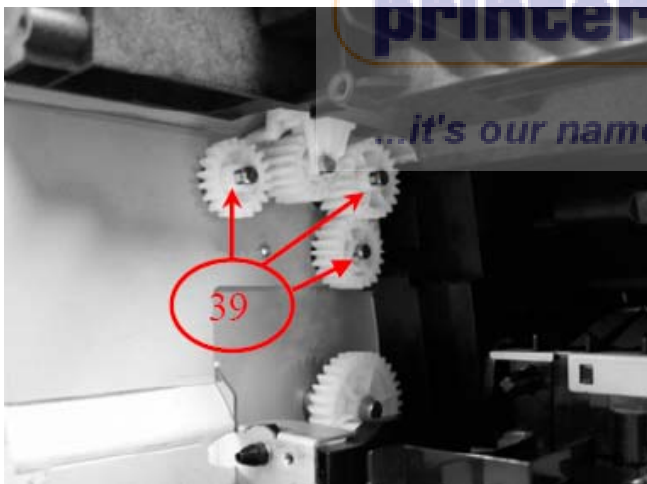
Reinstallation tip: Use the rod (callout 36) on the gear-assembly plate as a locator to find the correct positioning of the gear.

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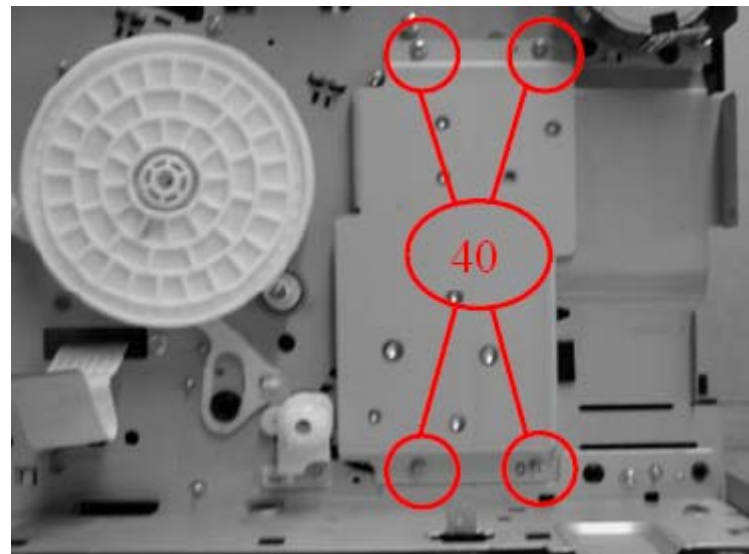
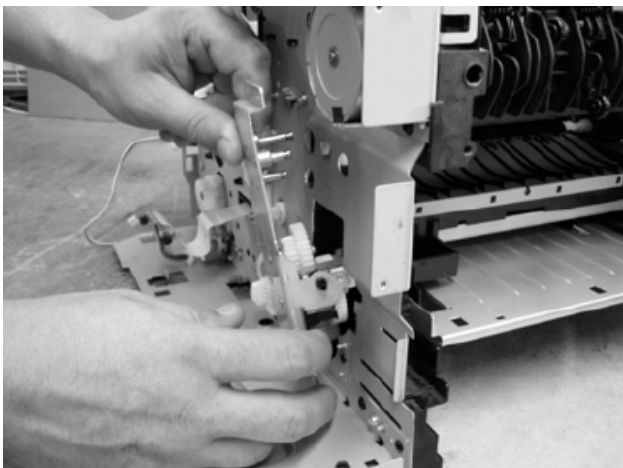
c.) Remove the power switch guide (callout 37) by using a flat blade screwdriver to release two tabs (callout 38).



7. Removing Fixing Drive Side Plate Assembly

a.) Release three gear tabs (callout 39) and remove gears.

b.) Remove four screws (callout 40). Remove fixing drive side plate assembly by tilting it out slightly at the top then rotate the back of the plate to remove.



8. To reinstall reverse order.