



HP LaserJet 1160 or 1320 Main Board Replacement

Written By: jrw01



 **TOOLS:**

- 8" Needle Nose Plier (1)
- Metal Spudger Set (1)
- Phillips #0 Screwdriver (1)

 **PARTS:**

- HP LaserJet 1160 or 1320 ECU (1)

Step 1 — Left Side Cover



- Pull on the two tabs on the back of the printer to release the left side cover.
- Remove the cover by rotating it towards the front of the printer.

Step 2 — Right Side Cover



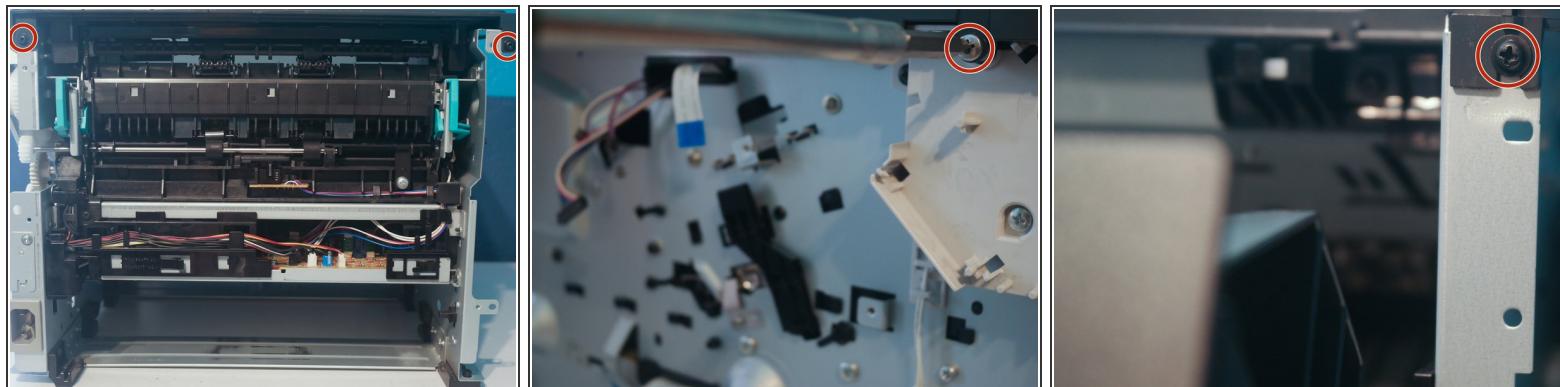
- With the printer turned so that the right side is facing upwards, use a metal spudger to disengage 3 tabs holding the right side cover in place.
- Lift the cover off of the printer.

Step 3 — Back Cover



- Remove 4 screws on the back of the printer.
- Remove the back cover.

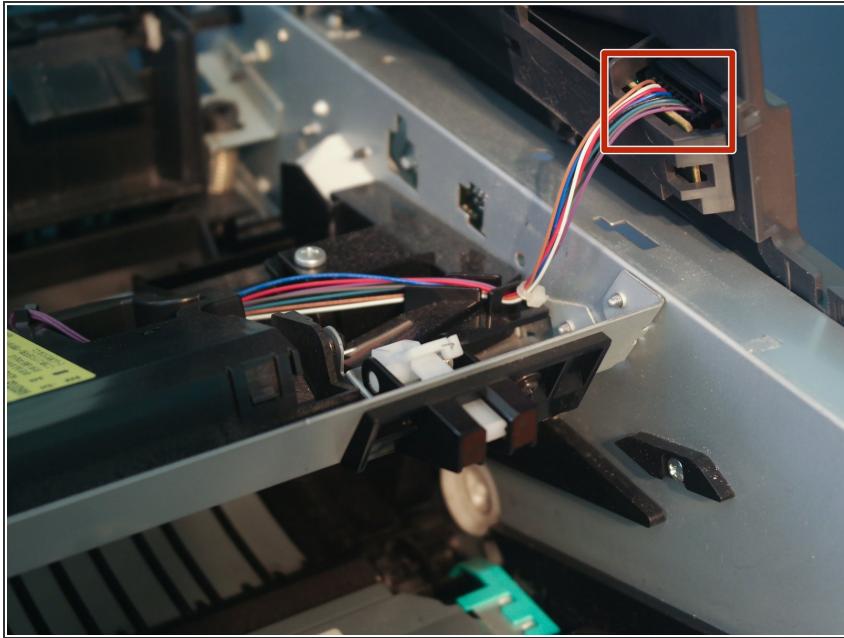
Step 4 — Top Cover



- Remove 2 screws on the back of the printer, one on the left, and one on the front.

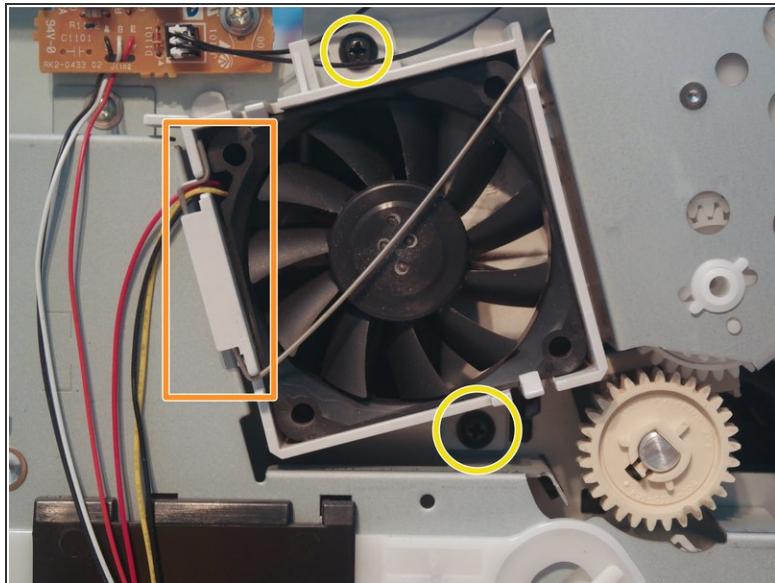
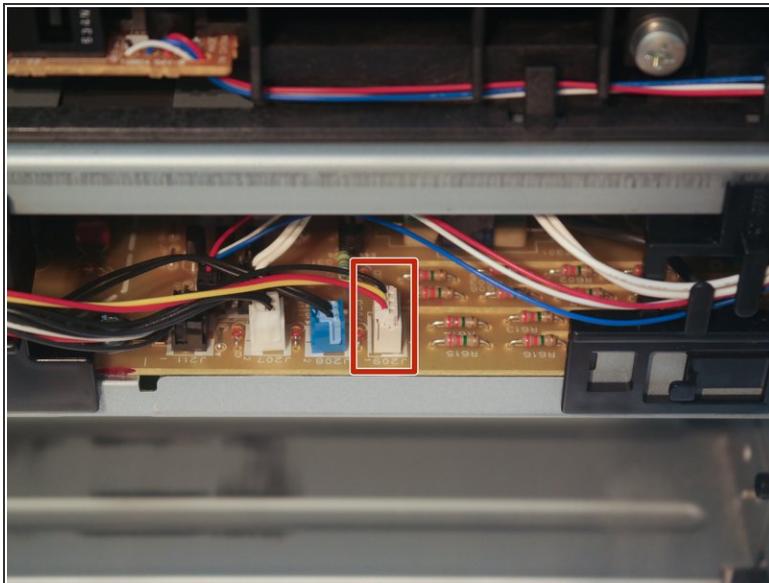
(i) The second image shows the formatter removed, but it is not necessary to remove the formatter to replace the top cover.

Step 5 — Top Cover



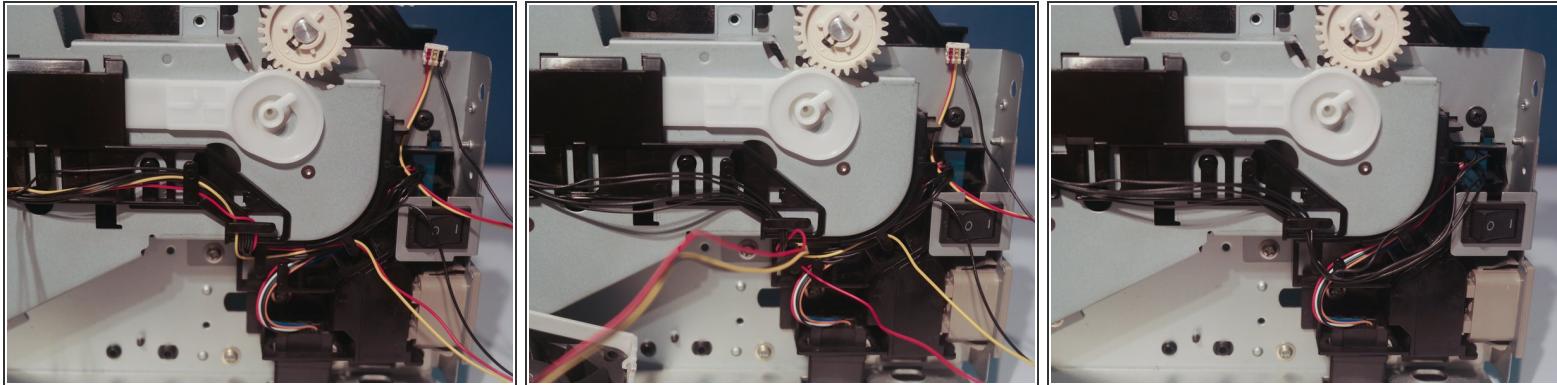
- Disconnect the control panel cable and remove the top cover.

Step 6 — Fan



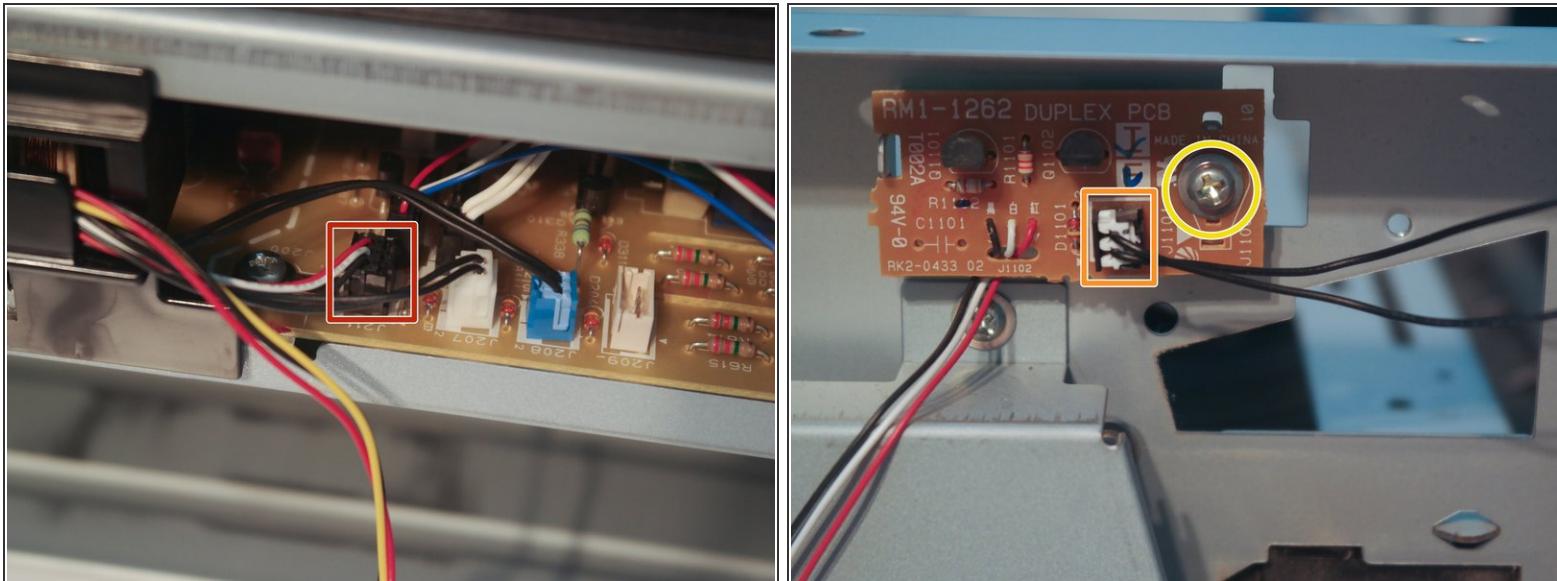
- Disconnect the fan cable from the main board of the printer.
- Remove the retaining clip holding the fan in.
- Remove the 2 screws holding the fan in.

Step 7 — Fan Cable



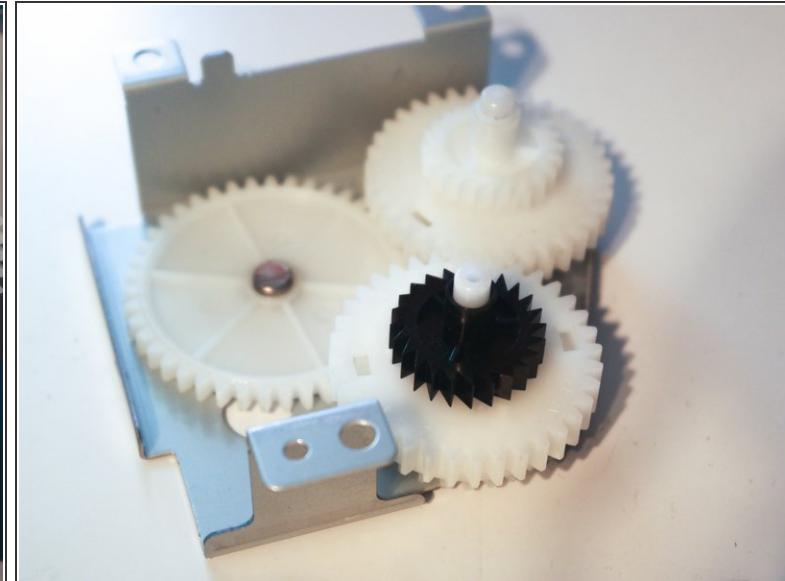
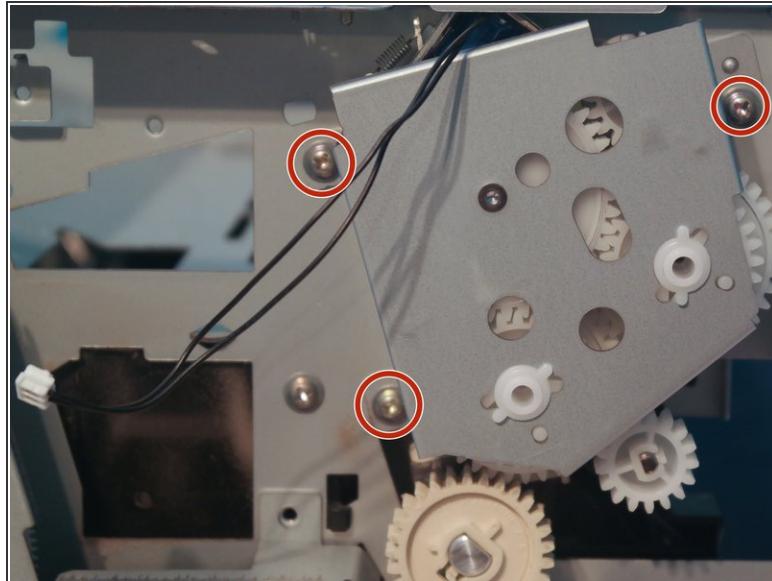
- Remove the fan cable from the cable guide.

Step 8 — Duplexer PCB



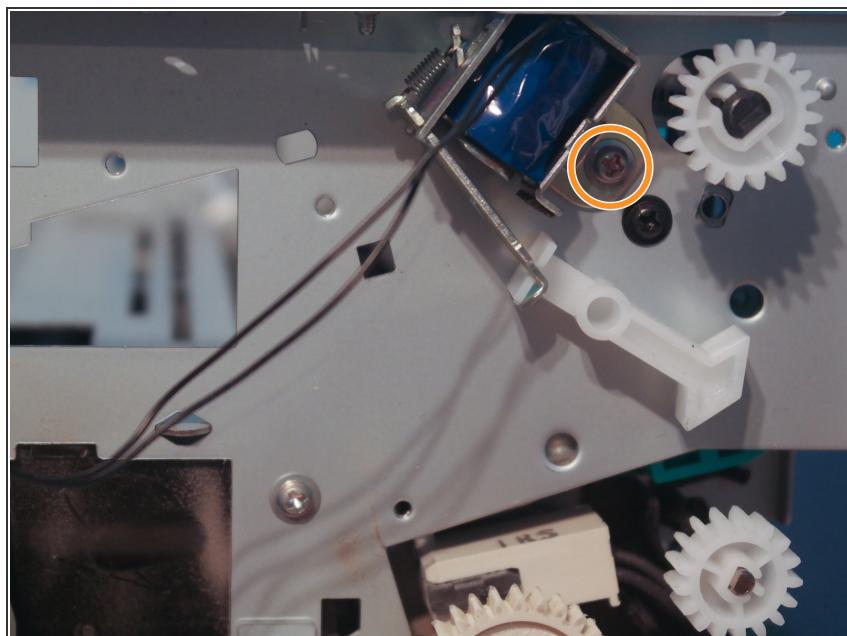
- Disconnect one cable from the main board of the printer.
- Disconnect the duplexer solenoid cable from the duplexer PCB.
- Remove one screw on the duplexer PCB and remove the PCB from the printer.

Step 9 — Duplexer Gears



- Remove 3 screws holding the duplexer gears to the printer and remove the gears.

Step 10 — Duplexer Solenoid



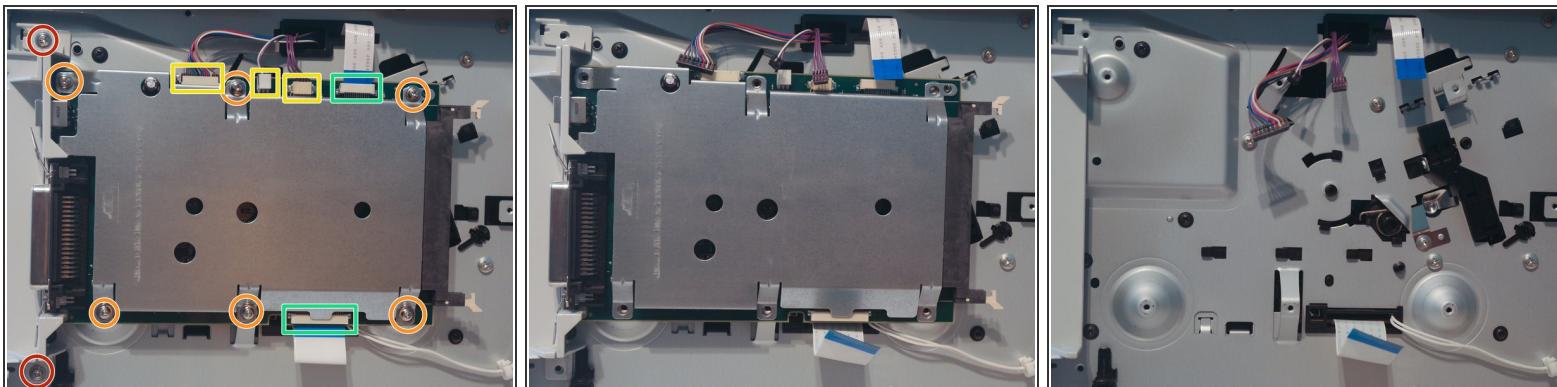
- Remove one screw to remove the solenoid from the printer.

Step 11 — Left Side Cover



- Pull on the two tabs on the back of the printer to release the left side cover.
- Remove the cover by rotating it towards the front of the printer.

Step 12 — Formatter

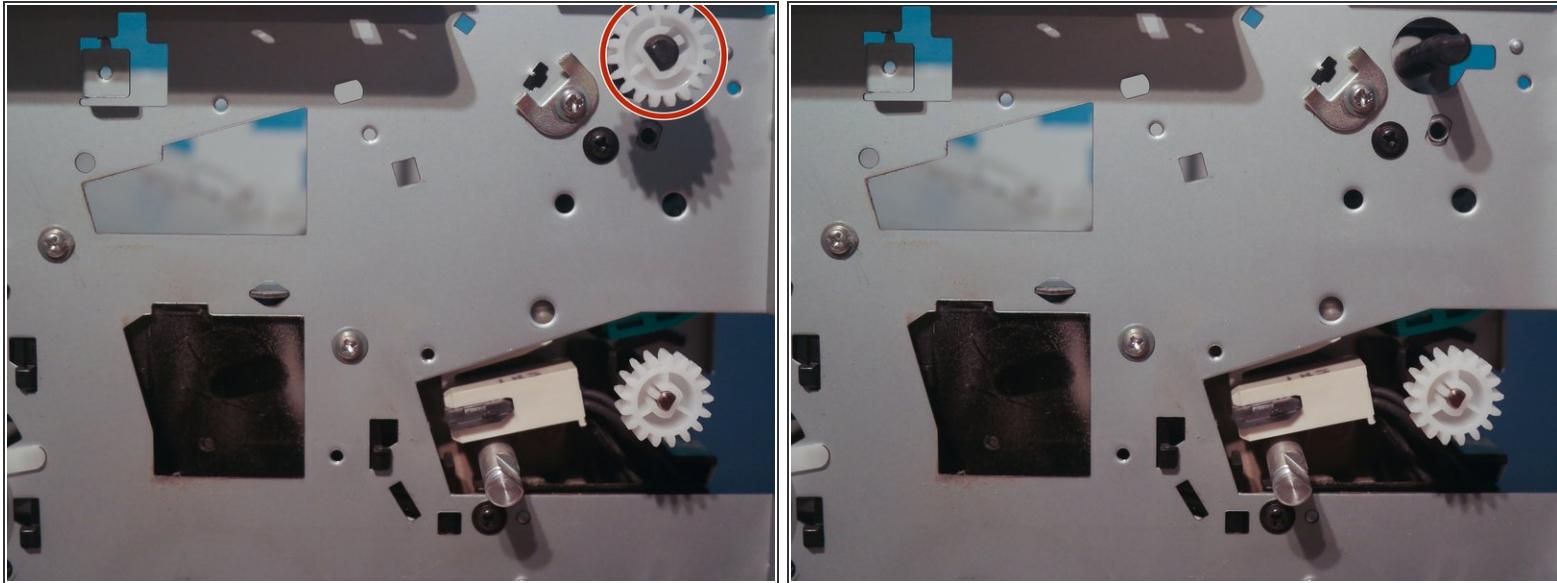


- Remove 2 screws on the I/O port cover.
- Remove 6 screws on the formatter.
- Disconnect 3 connectors from the formatter.
- Disconnect 2 flat flexible cables from the formatter.
- Remove the formatter from the printer.

⚠ Be careful not to fold, crease, or tear flat flexible cables.

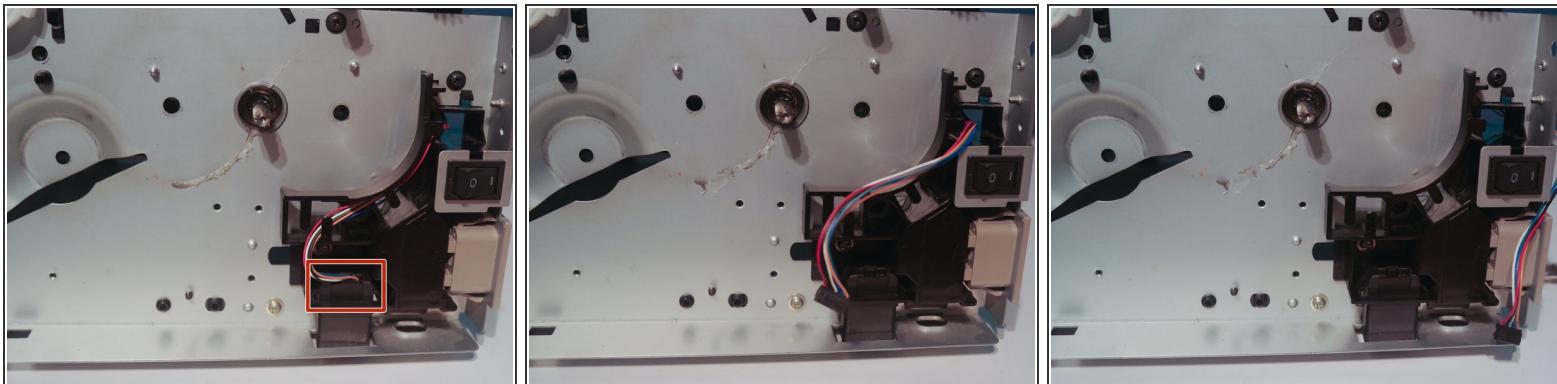
(i) The I/O port cover will need to be transferred to the new formatter before installing it.

Step 13 — Fuser Gear



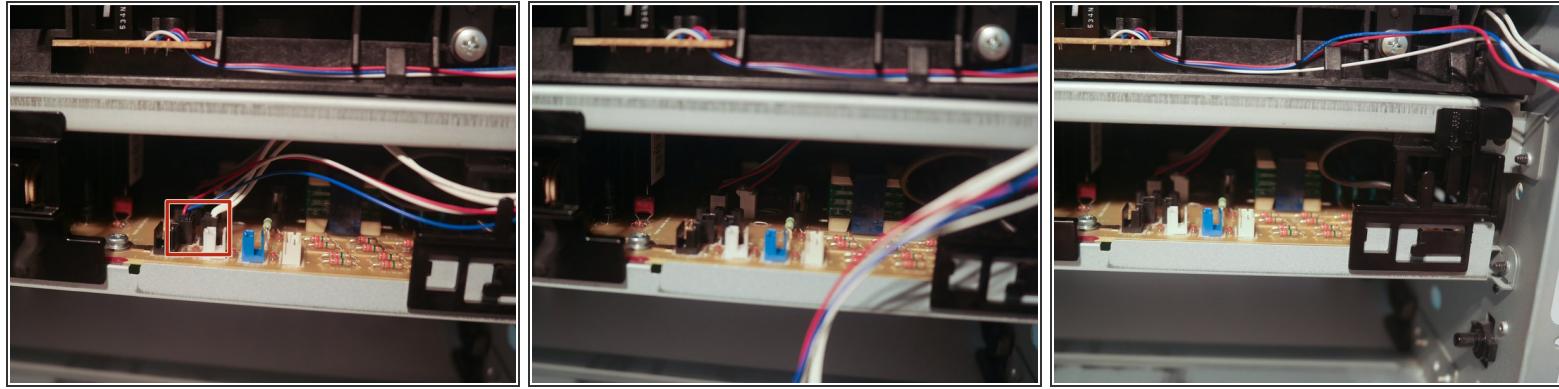
- Remove the fuser gear by pushing in on the tab with a metal spudger.

Step 14 — Tray Connector



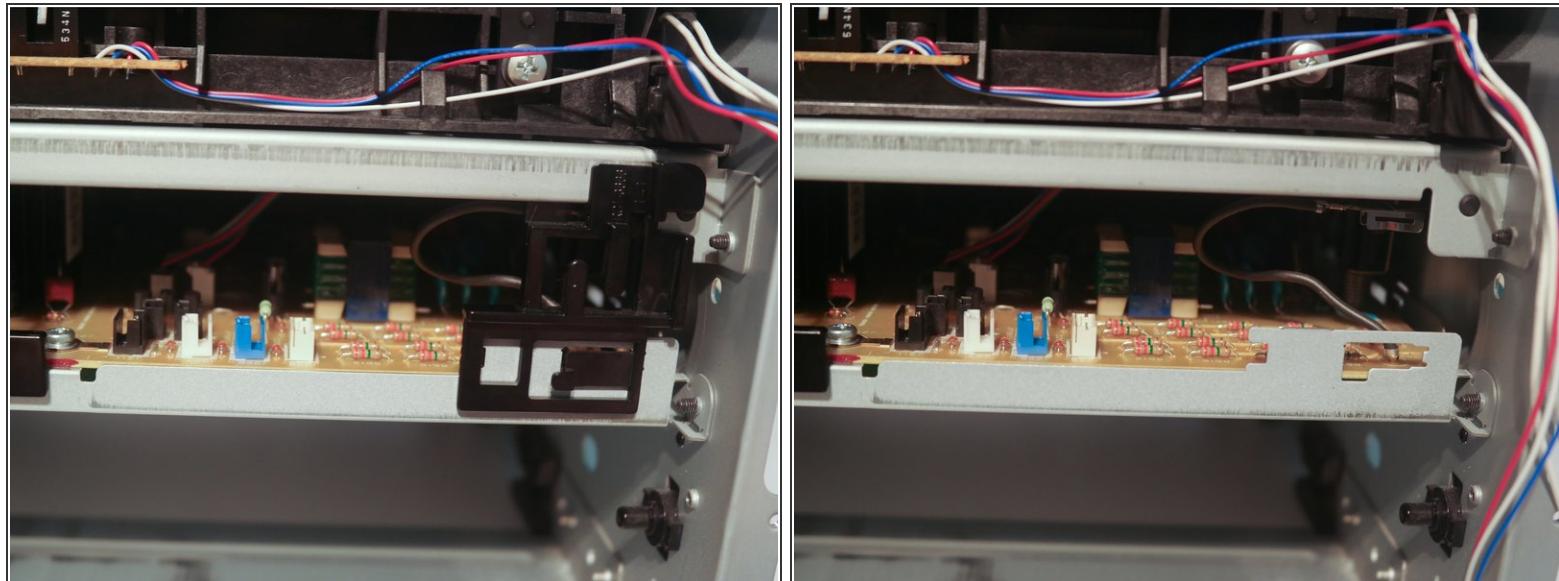
- Disconnect the cable to the tray connector and route it through the hole in the chassis.

Step 15 — Fuser Cables



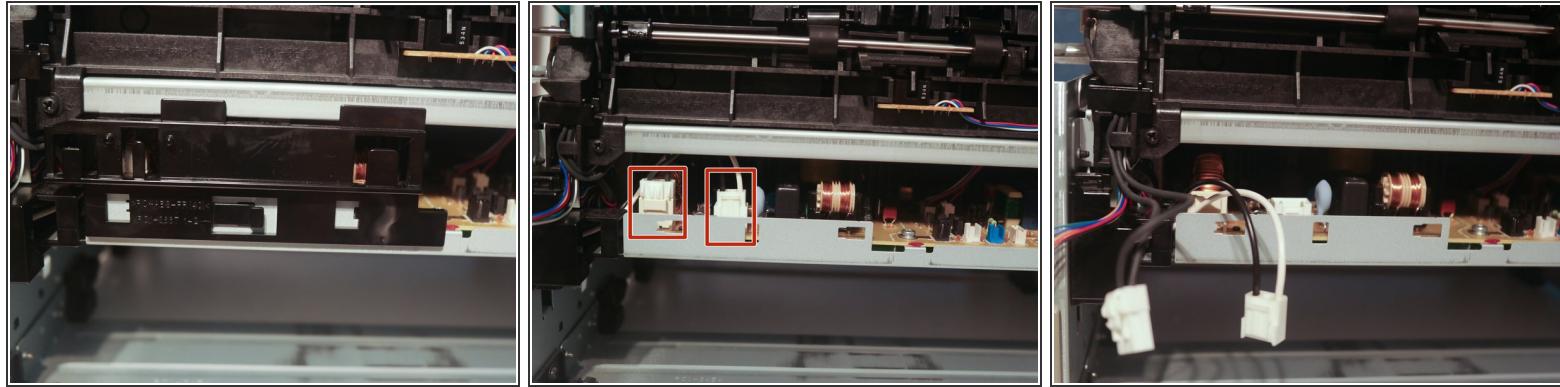
- Disconnect 2 cables from the main board and route them through the cable guide.

Step 16 — Fuser Cables



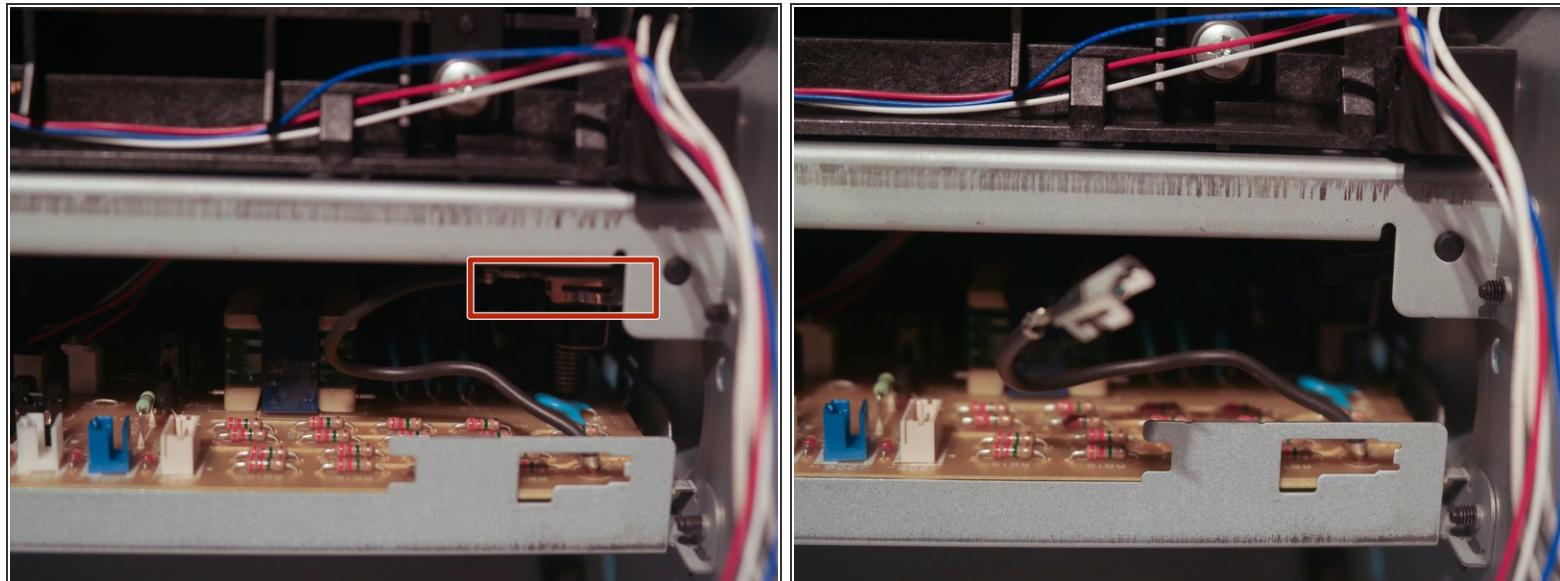
- Remove the cable guide from the chassis.

Step 17 — Fuser Cables



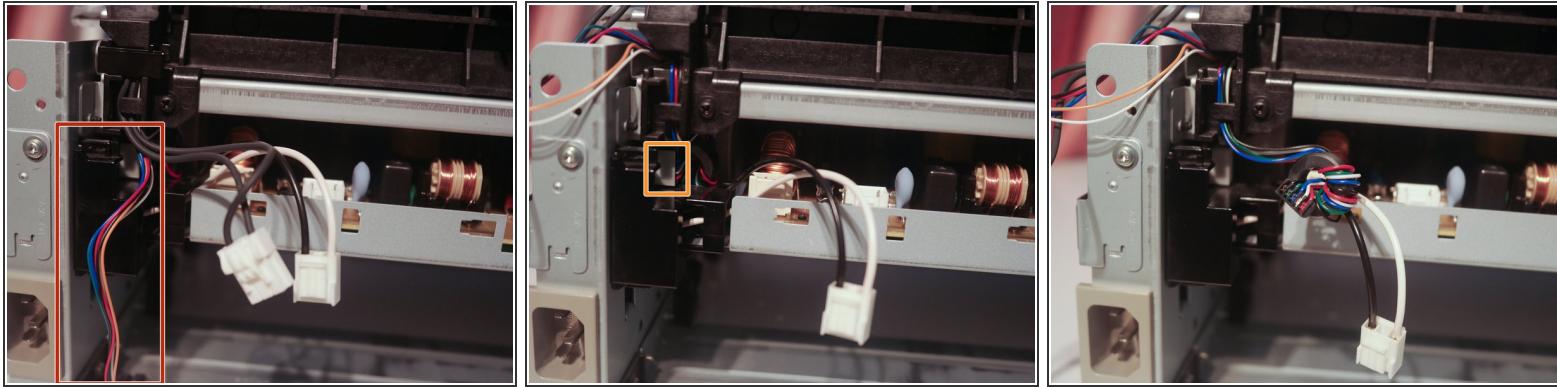
- Remove the cable guide from the other side of the chassis.
- Disconnect 2 cables from the main board.

Step 18 — Fuser Cables



- Use needle nose pliers to disconnect the high voltage wire from the fuser.

Step 19 — Fuser Cables



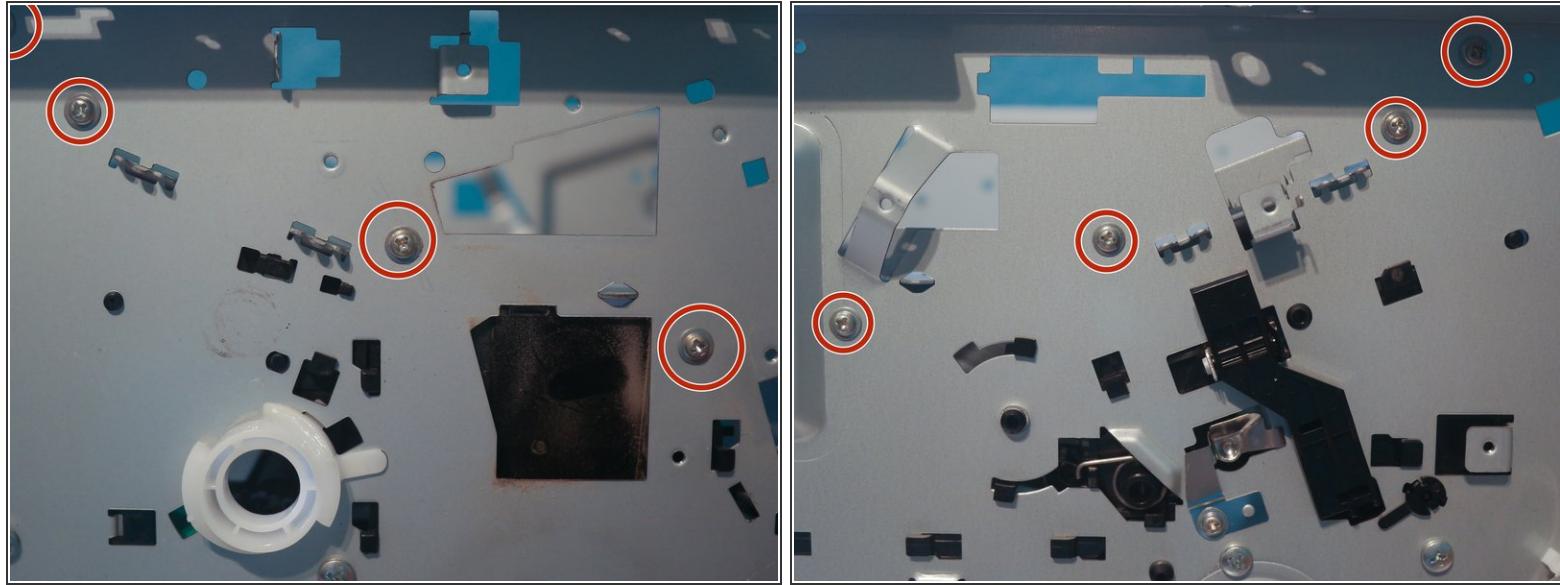
- Remove the tray connector cable from the cable guide.
- Disconnect the main motor cable.

Step 20 — Fuser



- Remove 3 screws from the right side of the printer.
- Remove 3 screws from the left side of the printer.
- The fuser assembly can now be removed from the printer.

Step 21 — Midframe



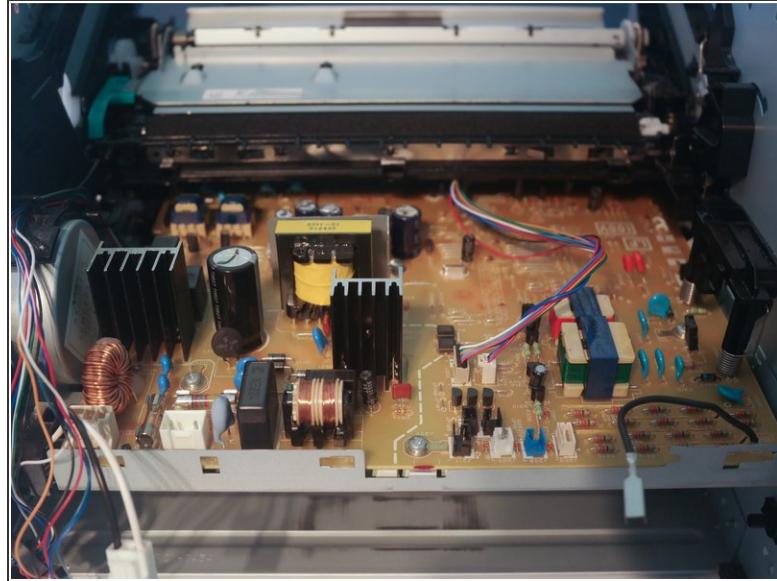
- Remove 4 screws from each side of the printer to remove the mainframe.

Step 22 — Safety Interlock Assembly



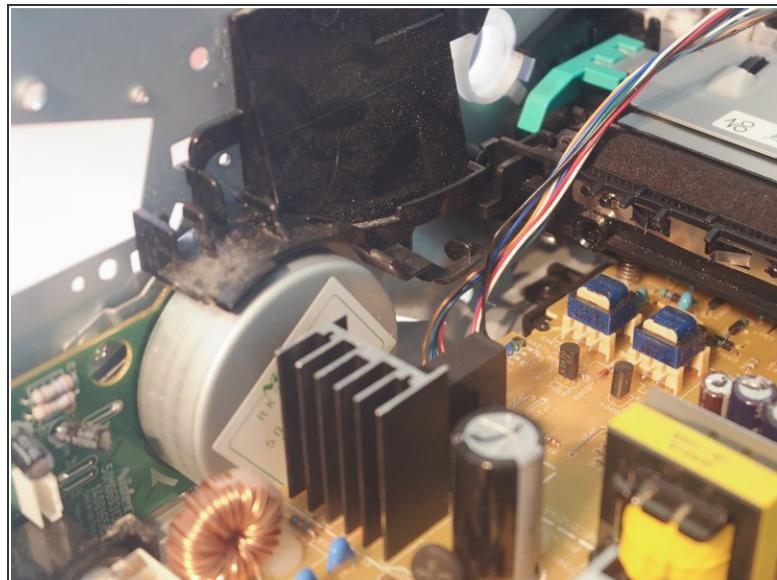
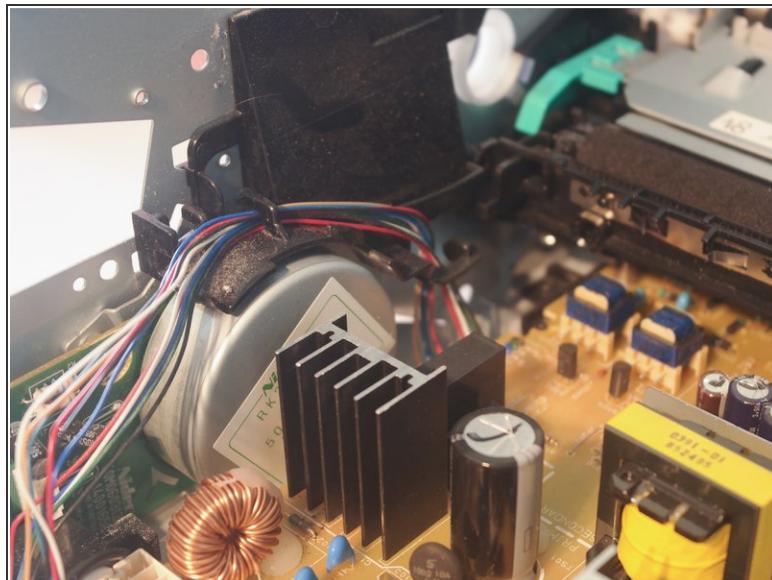
- Remove 3 screws from the safety interlock assembly (one on top) and remove it from the printer.

Step 23 — Feed Plate



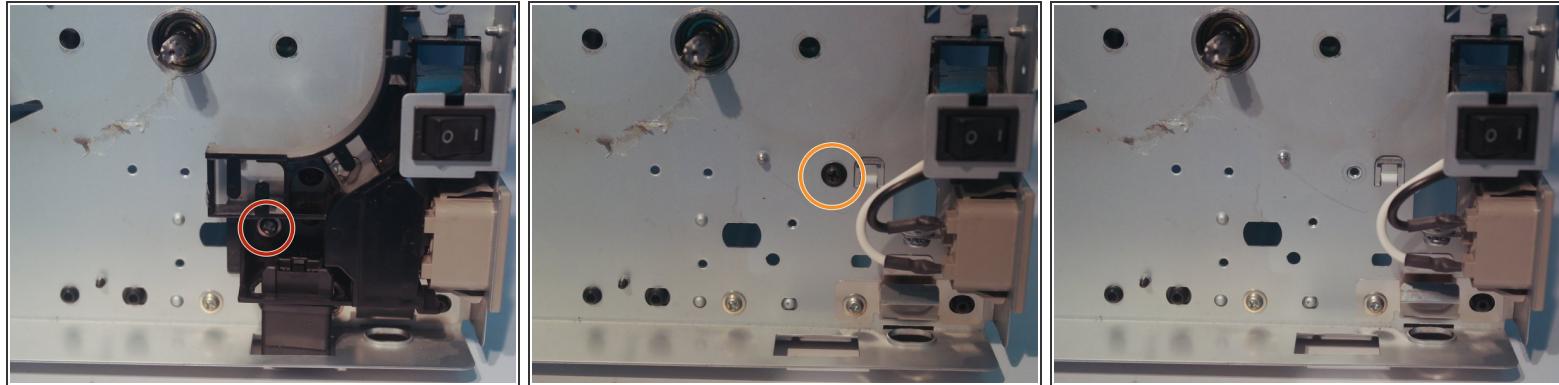
- Remove the feed plate from over the main board.

Step 24 — Main Board Cables



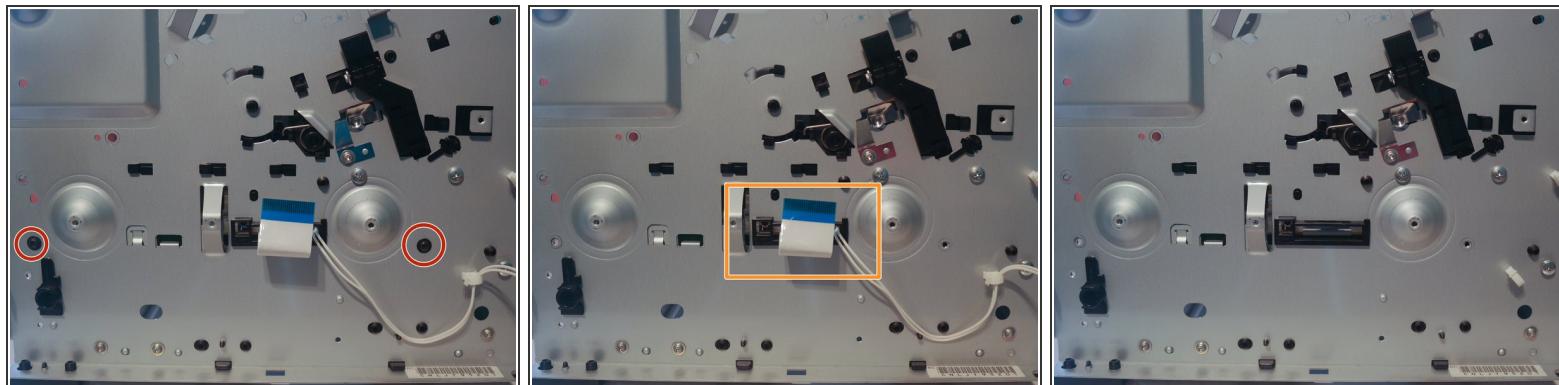
- Remove the tray connector and motor cables from the cable guide.

Step 25 — Cable Guide



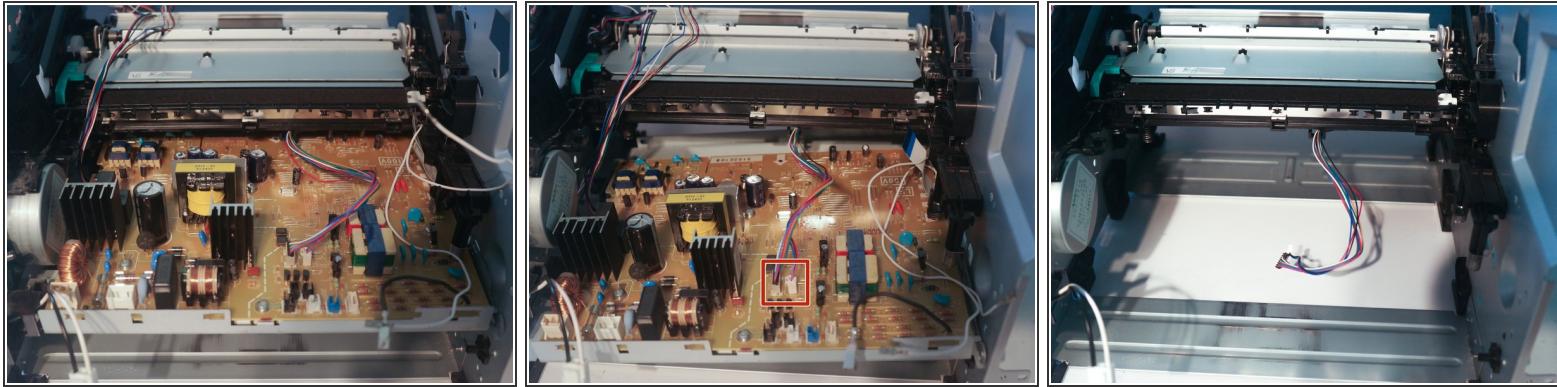
- Remove one screw from the cable guide and remove the cable guide from the chassis.
- Remove one screw from the chassis.

Step 26 — Main Board



- Remove 2 screws from the left side of the chassis.
- Push the formatter and safety interlock cables through the hole in the chassis.

Step 27 — Main Board



- Bend the chassis to allow the control board to come loose, and disconnect the 2 cables from the paper feed assembly.
- Remove the main board from the printer.

Step 28 — Main Board



- Remove 4 screws on the control board to remove it from its metal plate.

To reassemble your device, follow these instructions in reverse order.