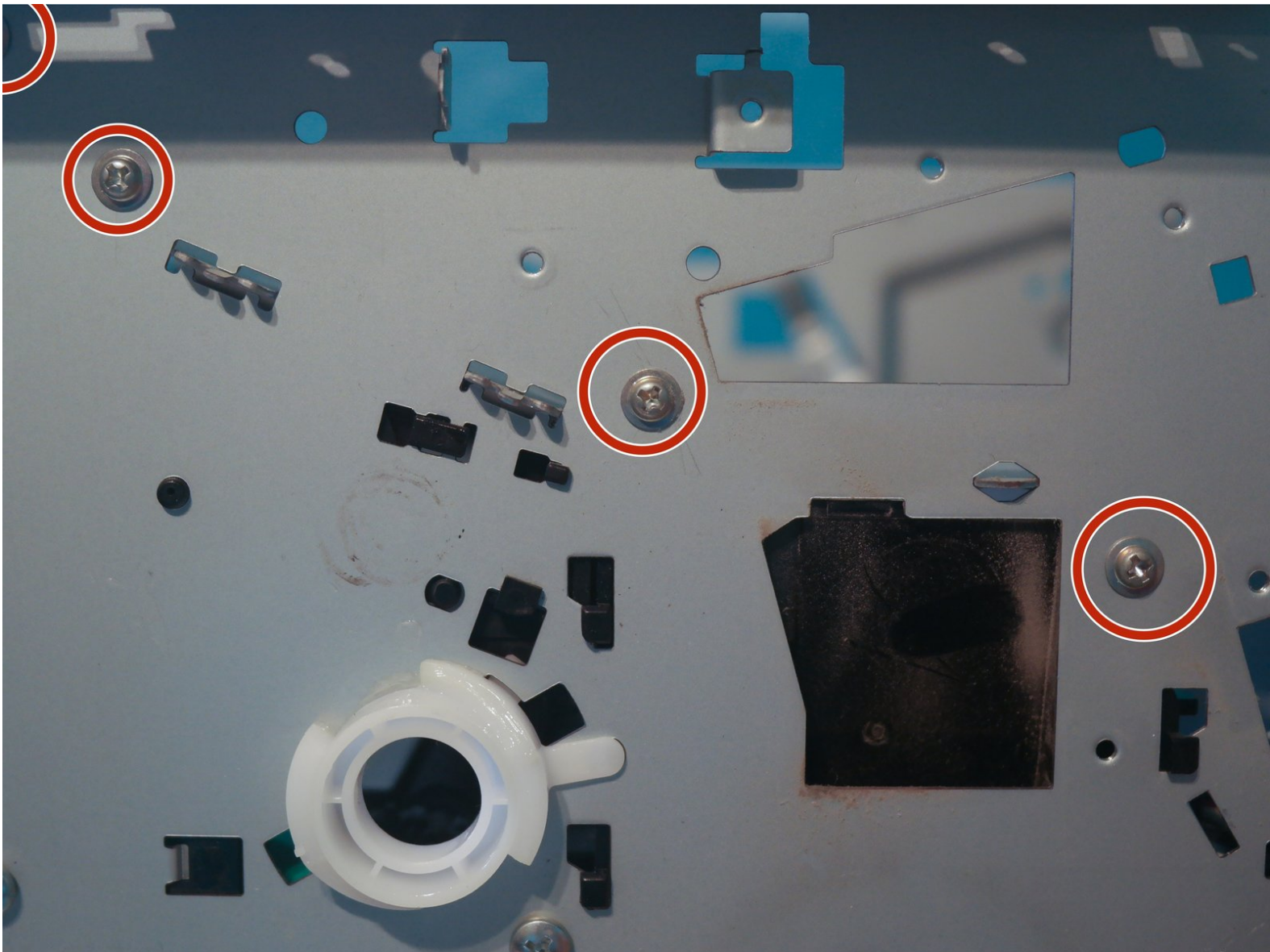# HP LaserJet 1160 or 1320 Main Board Replacement

Written By: jdp23

TOOLS:

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

PARTS:

- HP LaserJet 1160 or 1320 ECU (1)

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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.
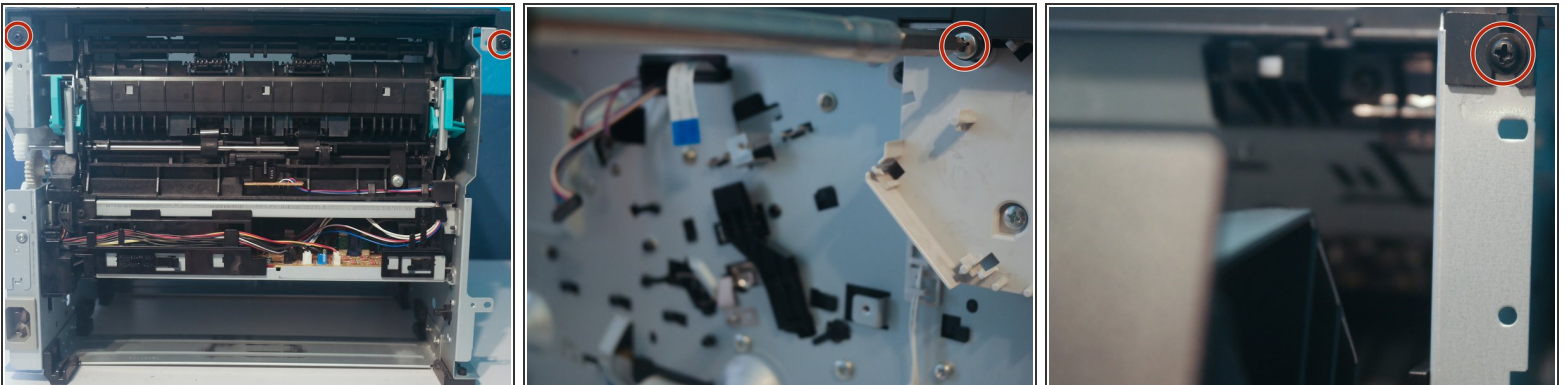
- Lift the cover off of the printer.
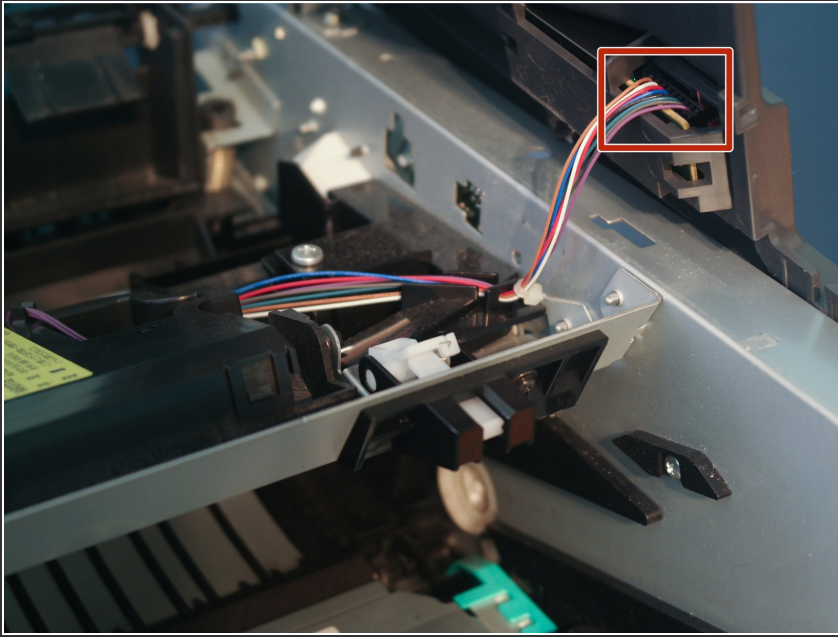
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Step 3 — Back Cover

- Remove 4 screws on the back of the printer.

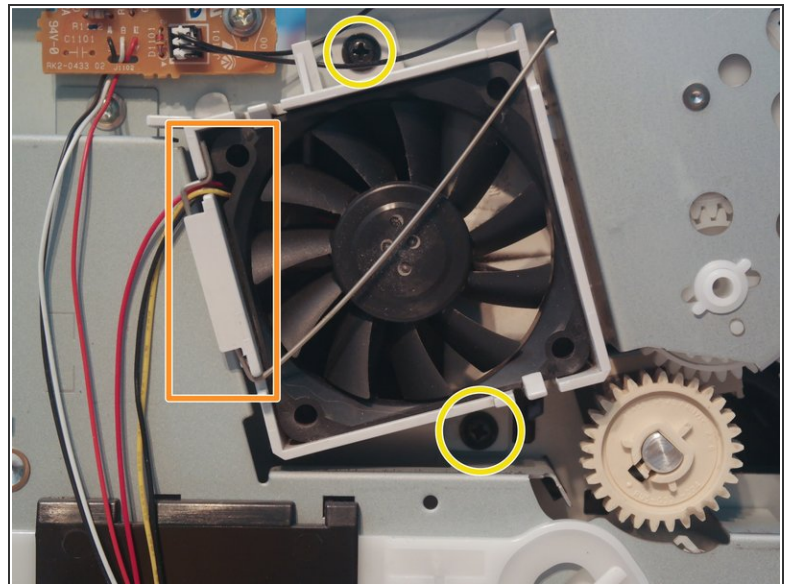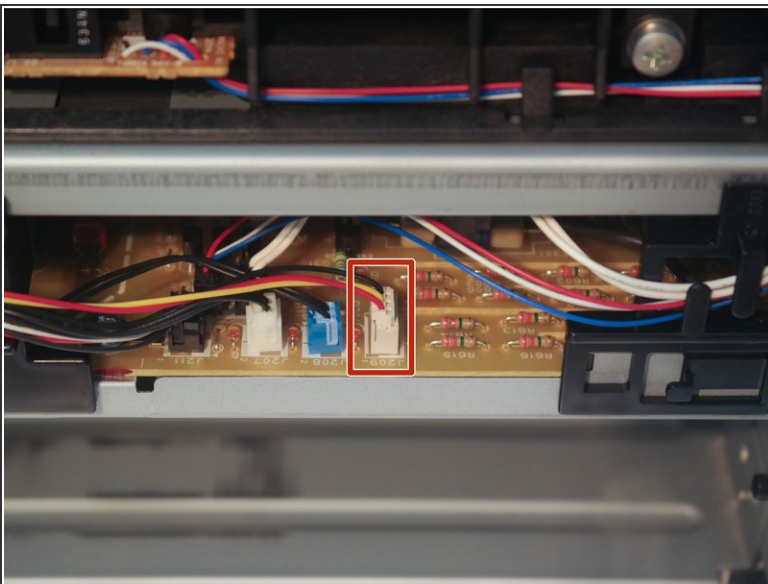- Remove the back cover.

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

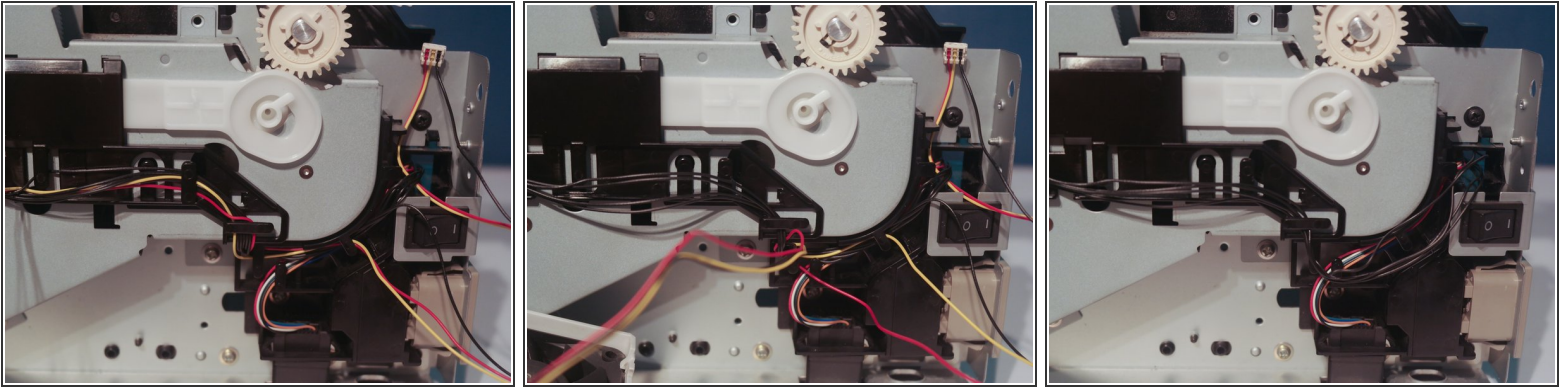- Disconnect the control panel cable and remove the top cover.

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.

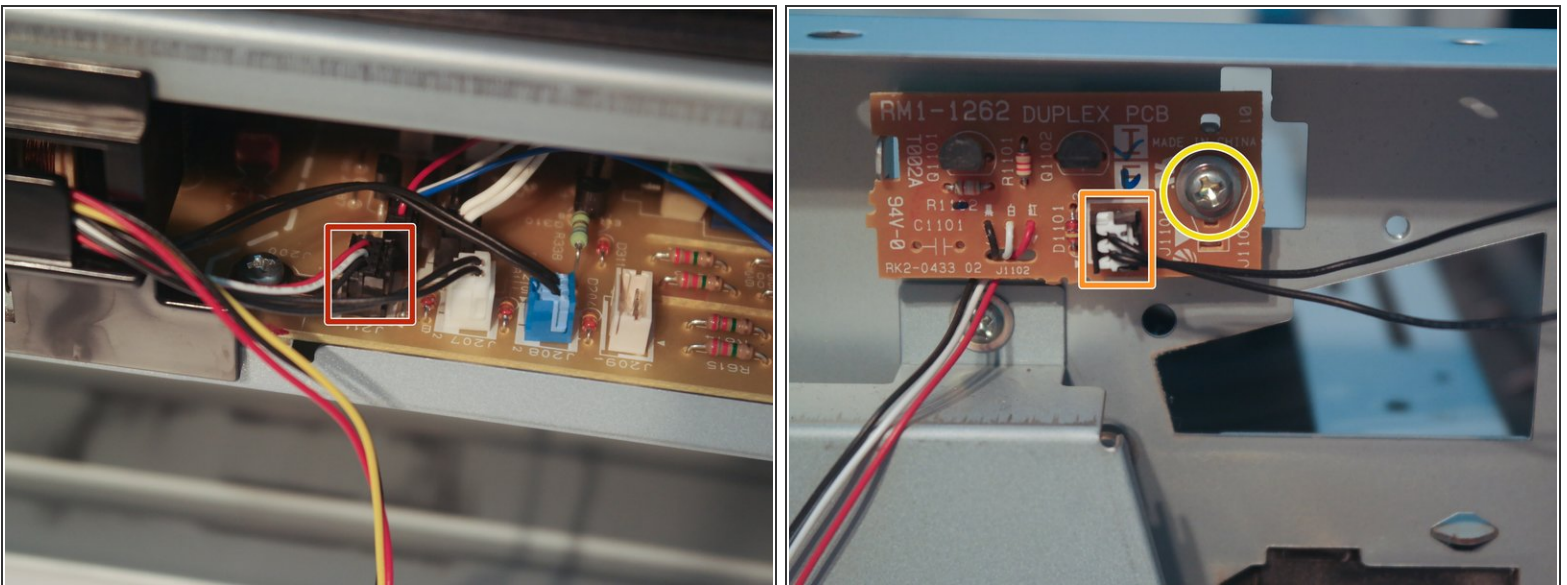This document was generated on 2020-11-21 08:46:26 AM (MST).
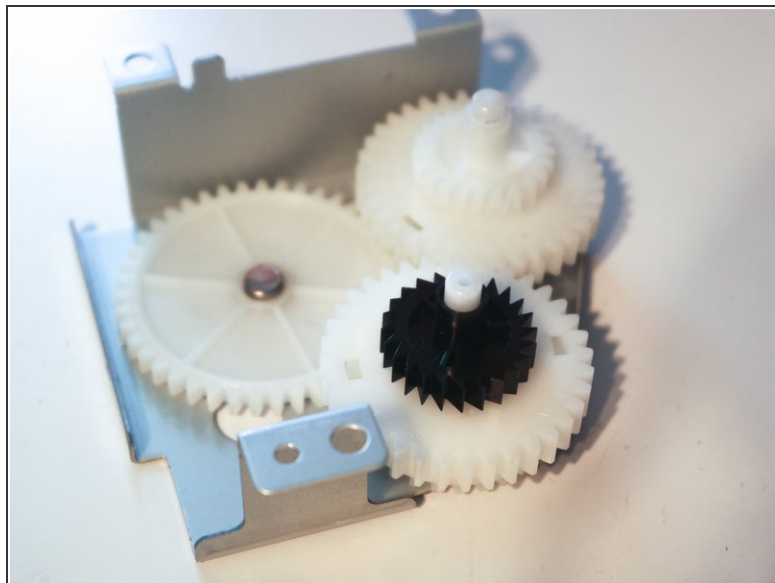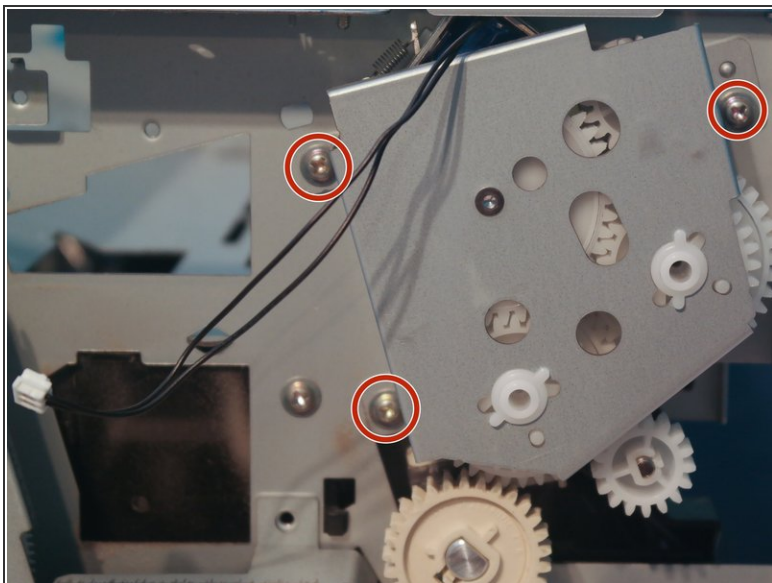
Step 7 — Fan Cable

- Remove the fan cable from the cable guide.
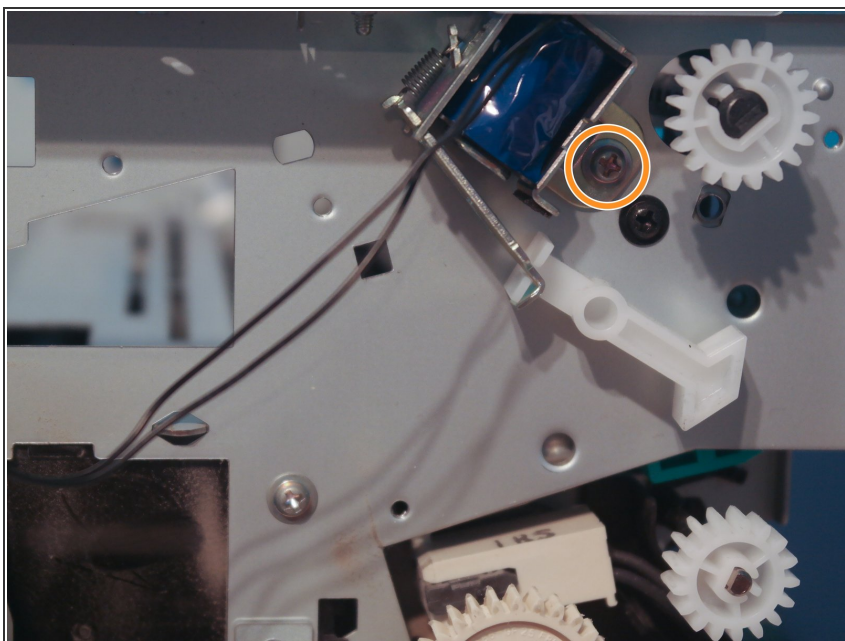
Step 8 — Duplexer PCB

- 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.

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Step 9 — Duplexer Gears

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

Step 10 — Duplexer Solenoid

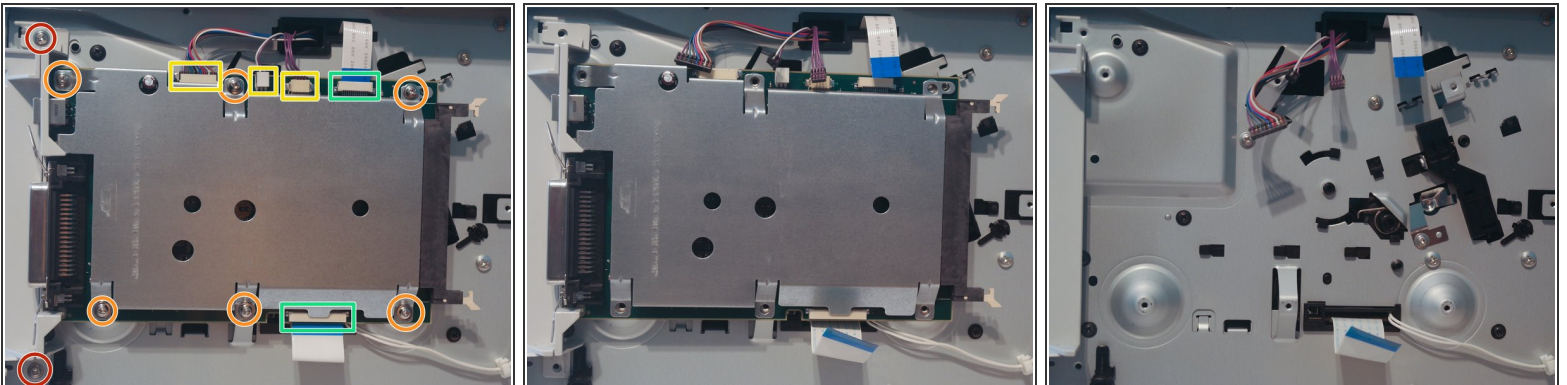- Remove one screw to remove the solenoid from the printer.

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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.

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

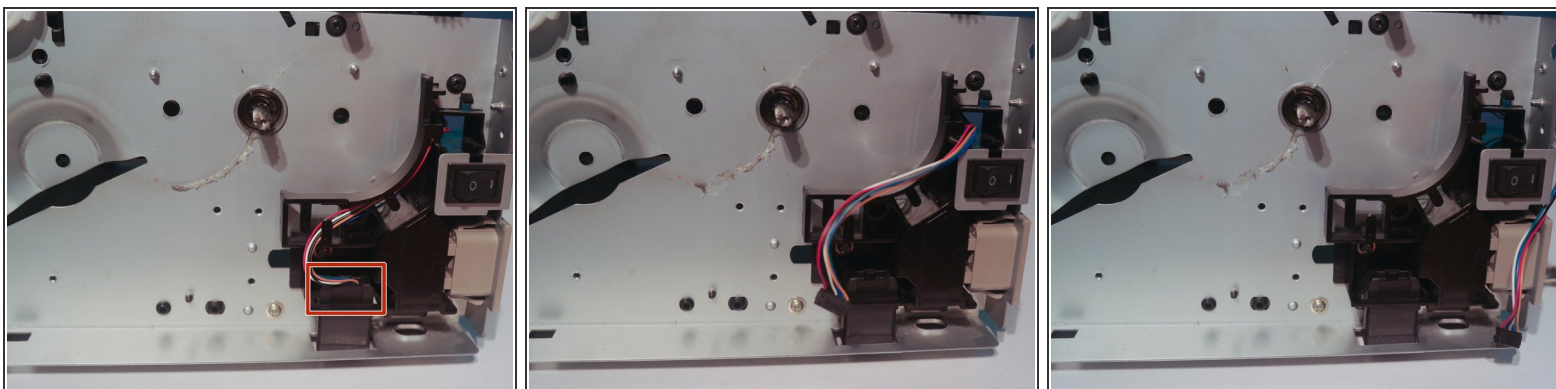This document was generated on 2020-11-21 08:46:26 AM (MST).
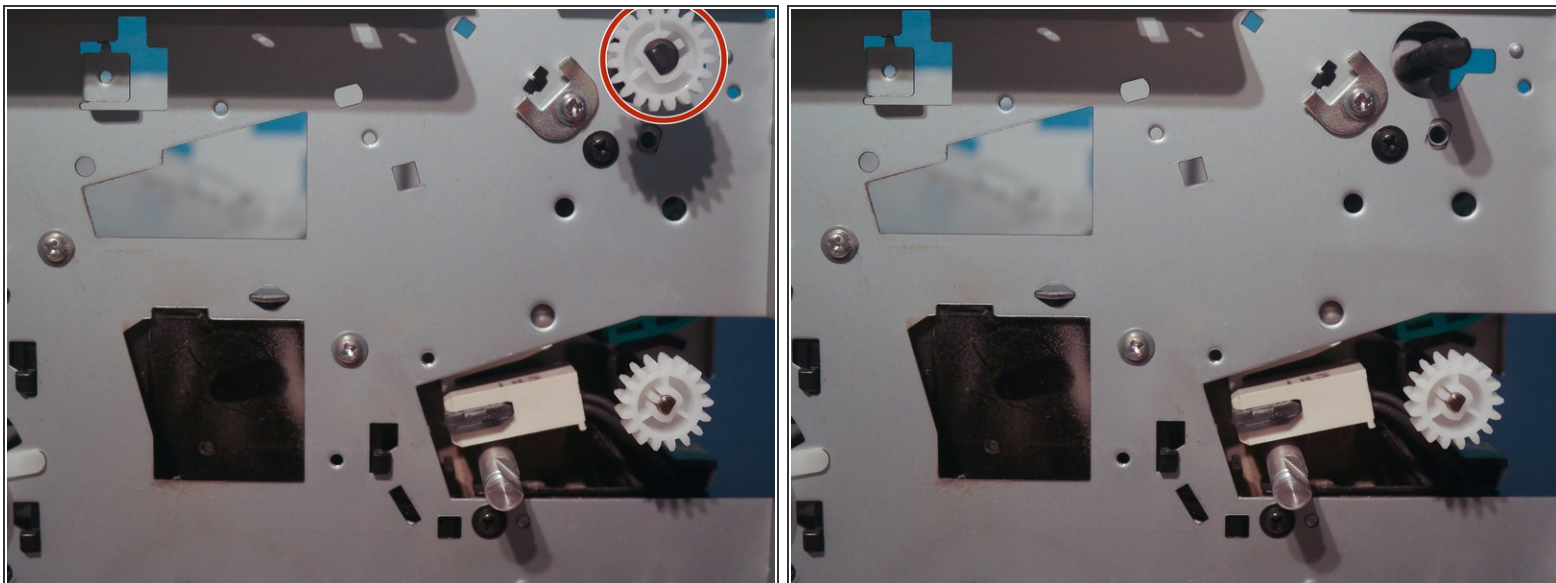
Step 13 — Fuser Gear

- 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.

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Step 15 — Fuser Cables

- Disconnect 2 cables from the main board and route them through the cable guide.
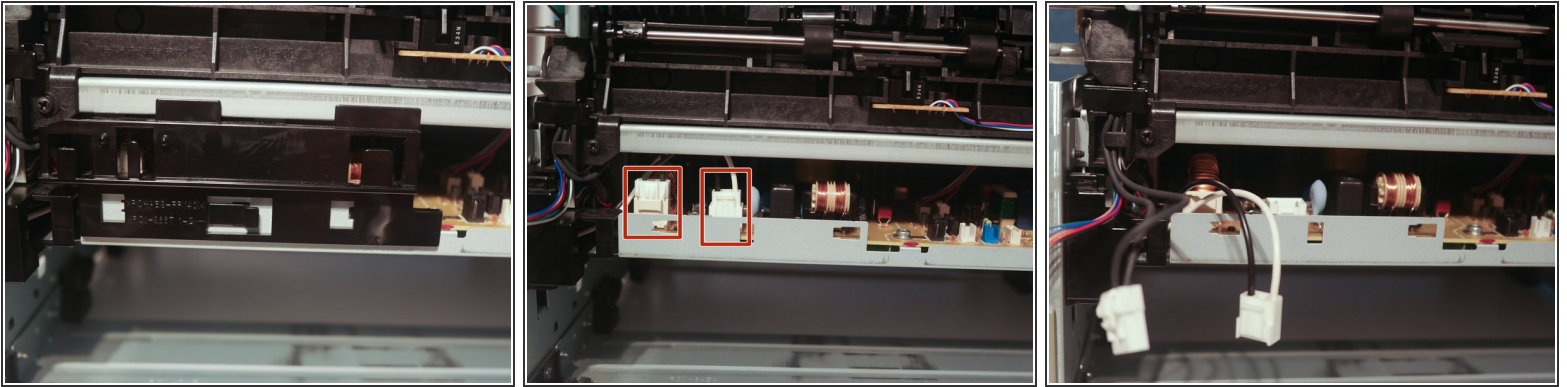
Step 16 — Fuser Cables

- Remove the cable guide from the chassis.
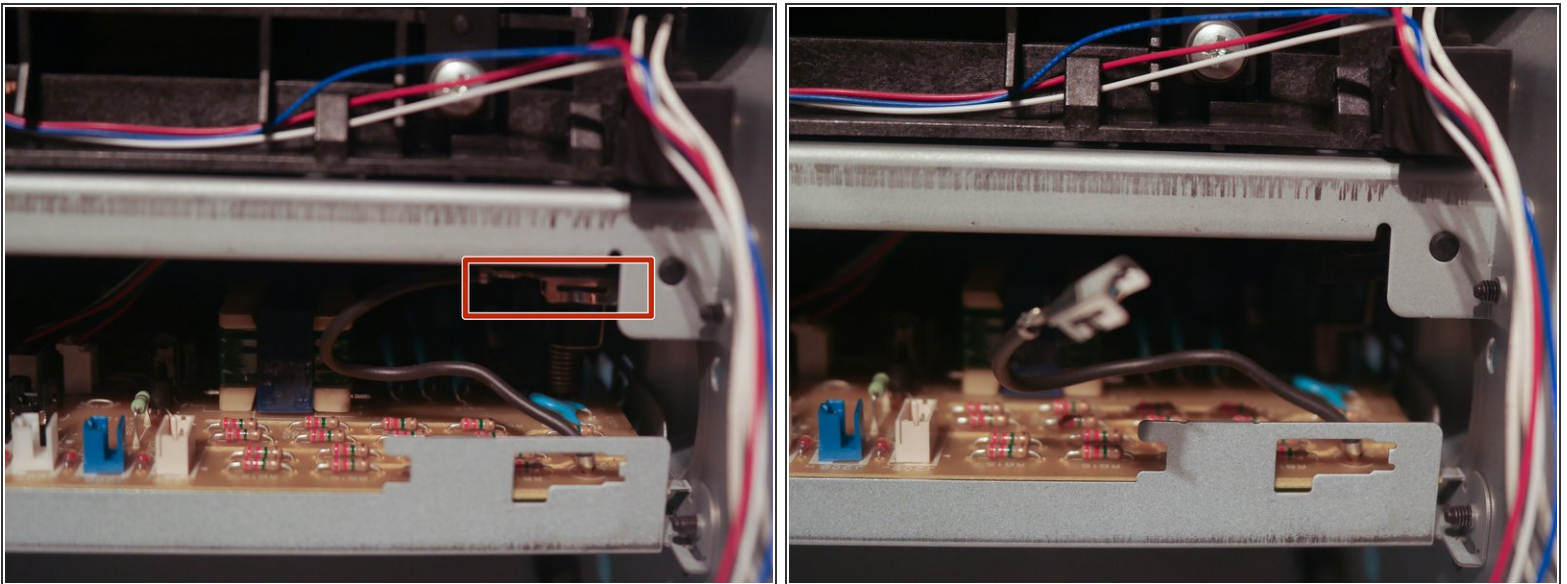
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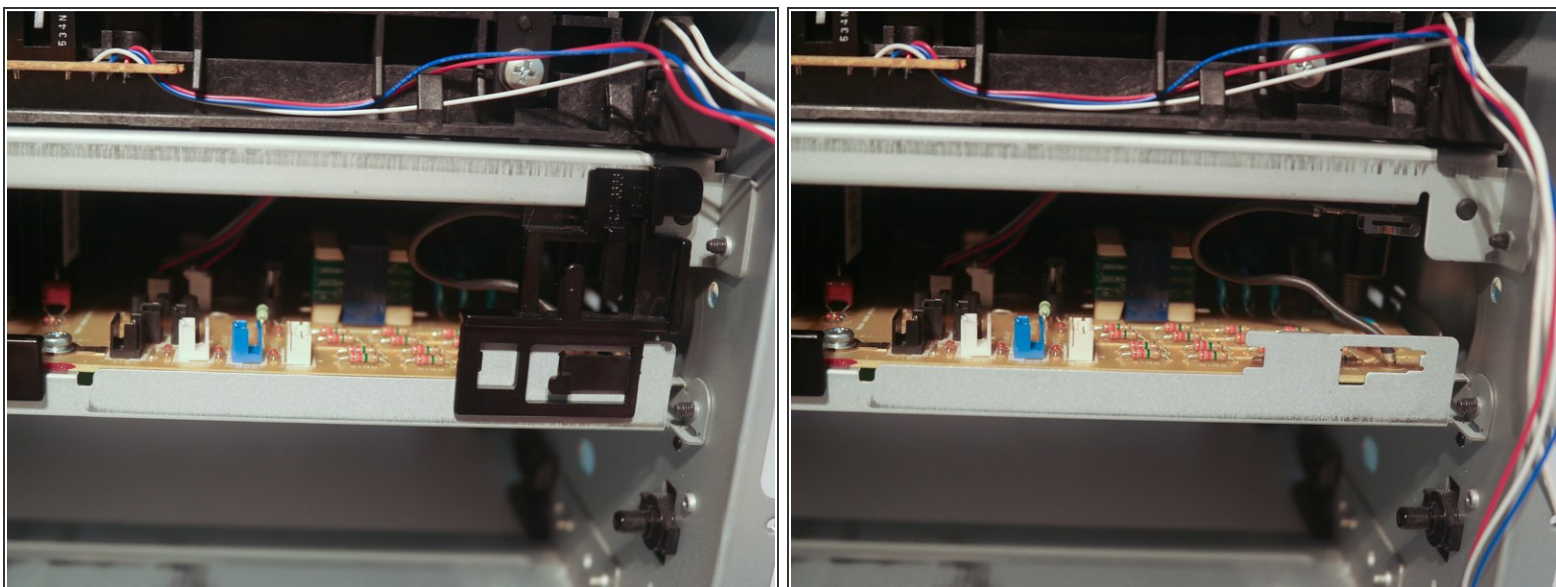
Step 17 — Fuser Cables

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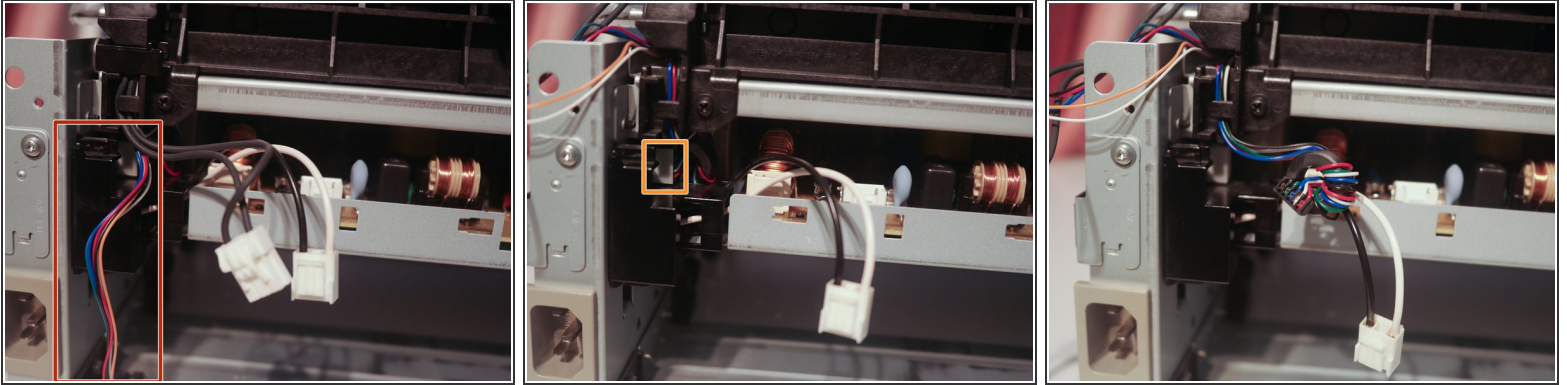
- Disconnect 2 cables from the main board.

Step 18 — Fuser Cables

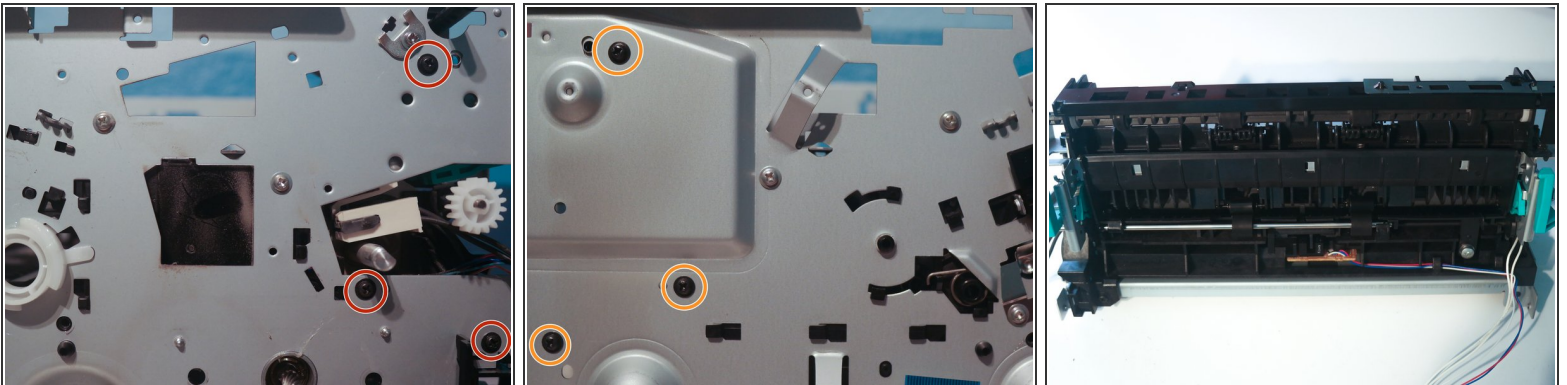- Use needle nose pliers to disconnect the high voltage wire from the fuser.
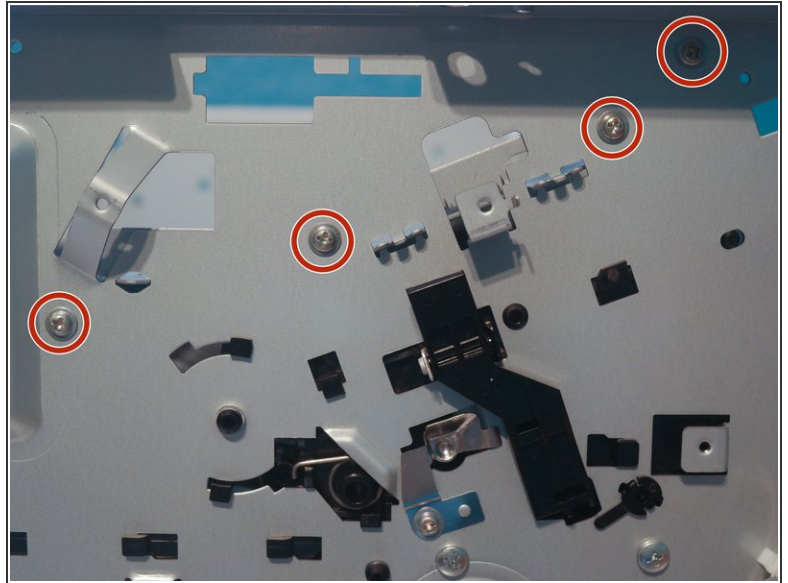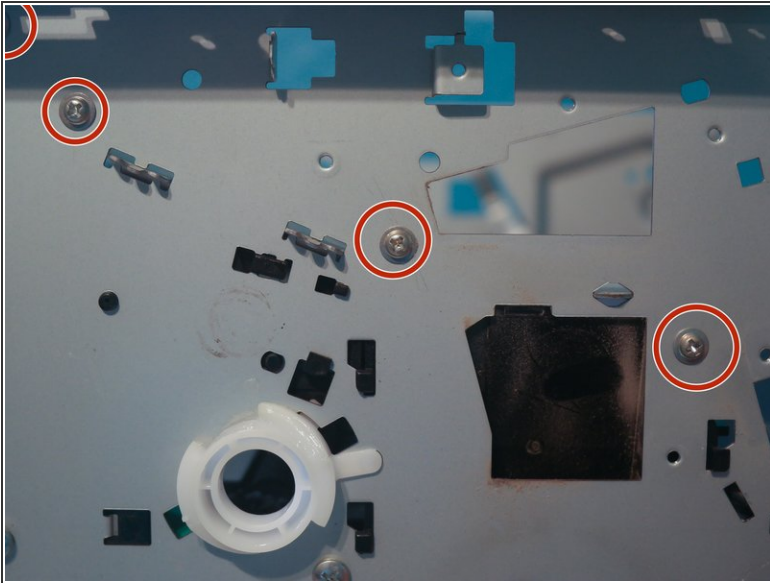
Step 19 — Fuser Cables

- 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

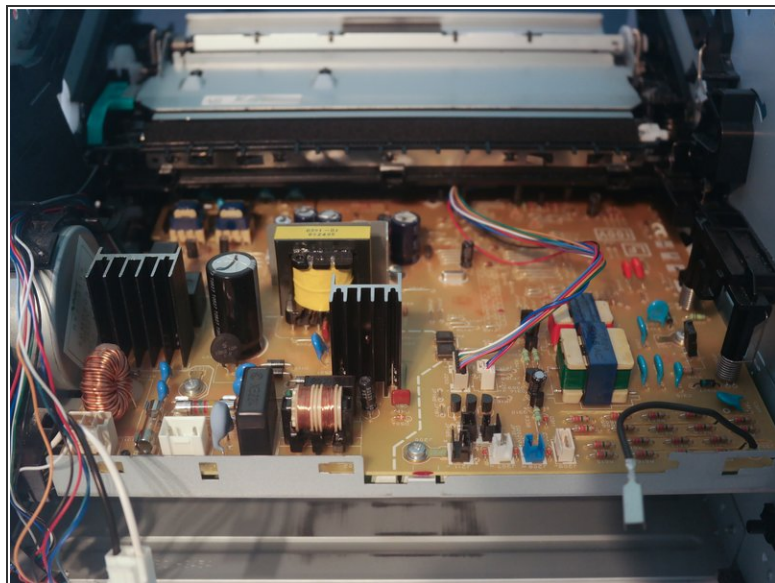- Remove 4 screws from each side of the printer to remove the mainframe.

Step 22 — Safety Interlock Assembly

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

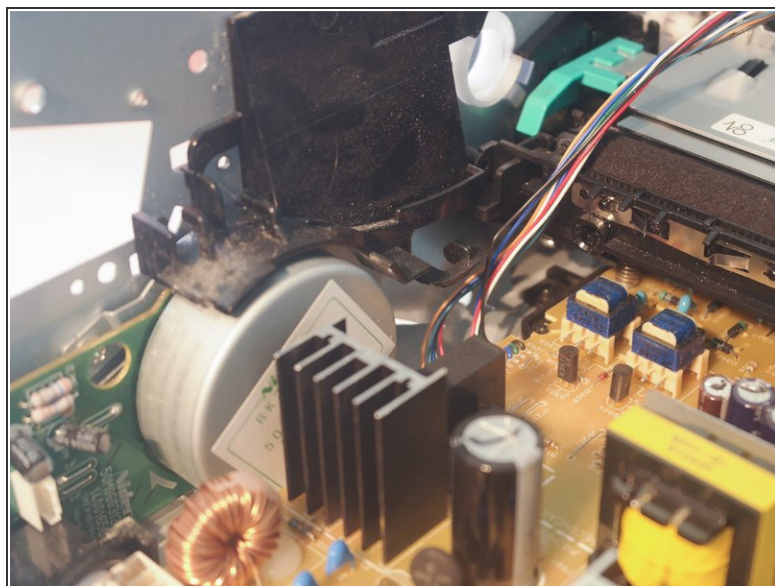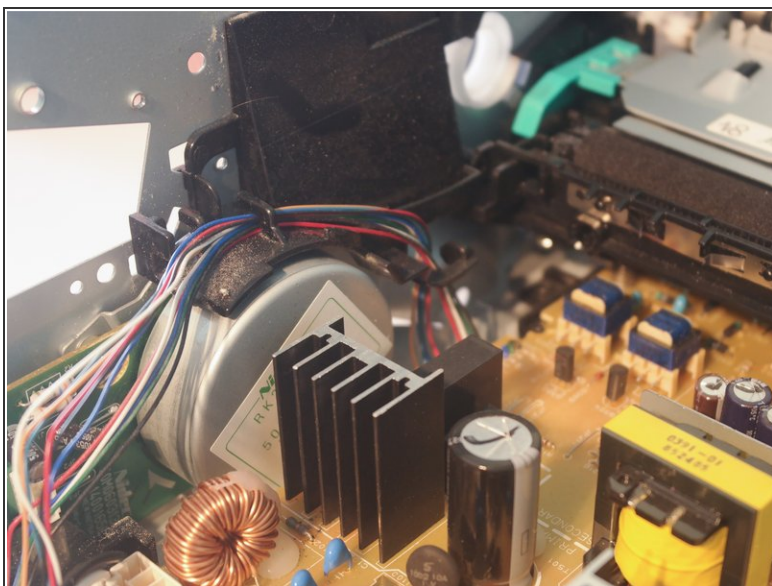This document was generated on 2020-11-21 08:46:26 AM (MST).

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.

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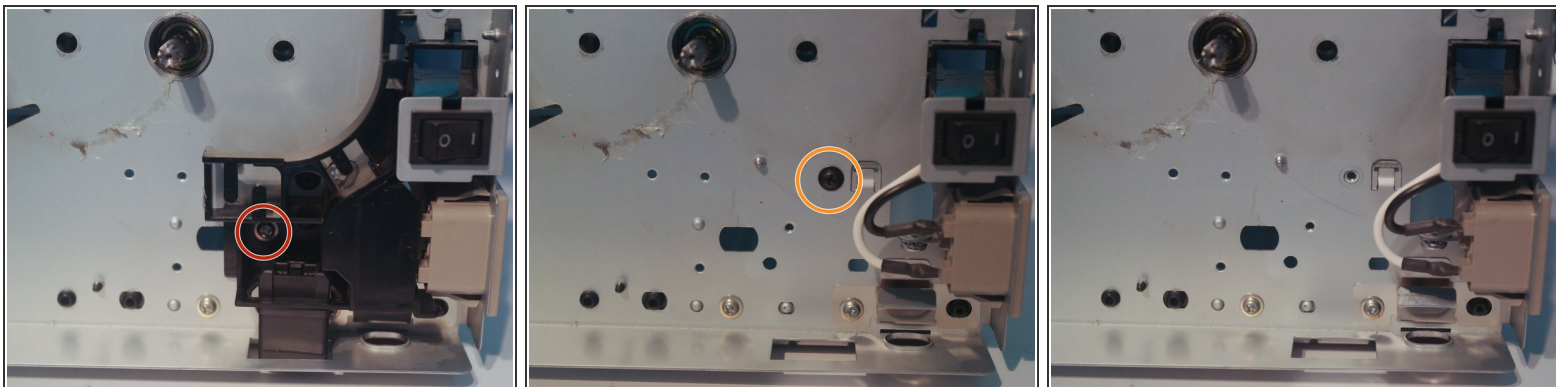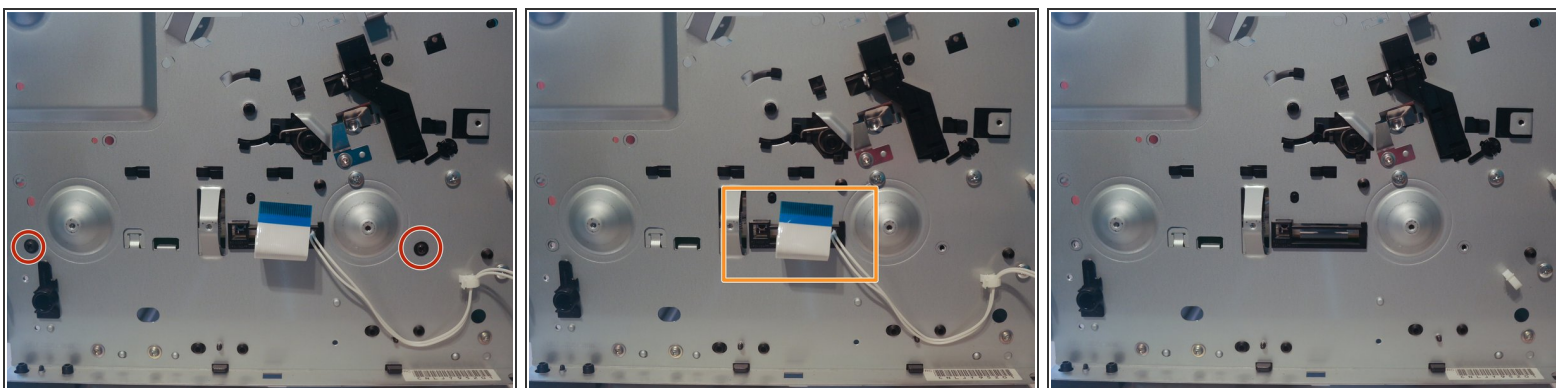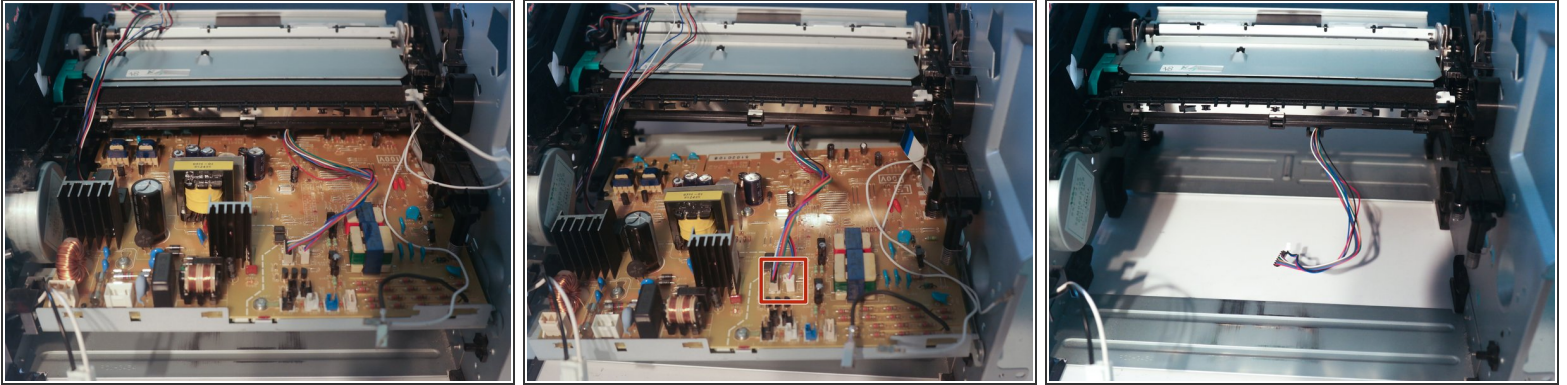
Step 25 — Cable Guide

- 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.

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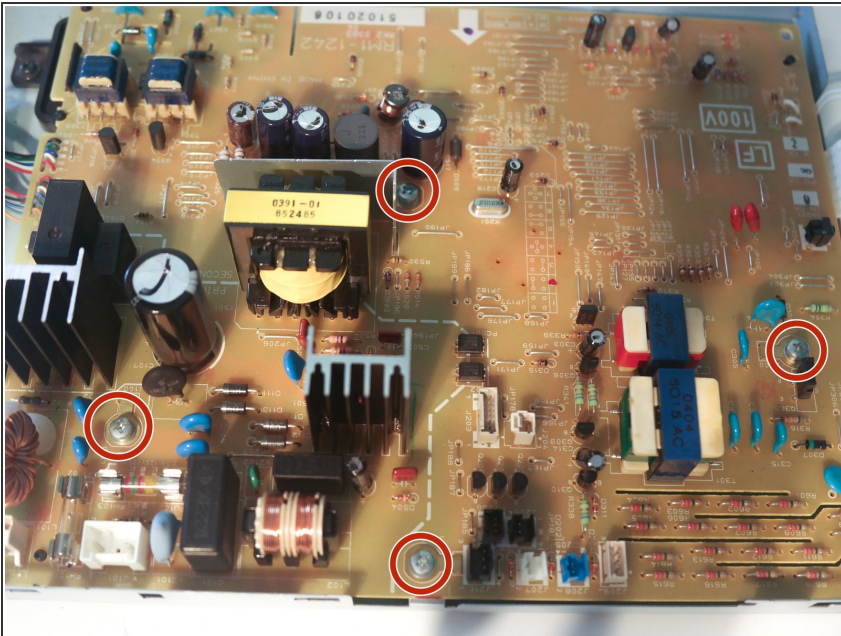
- Remove 4 screws on the control board to remove it from its metal plate.

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

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