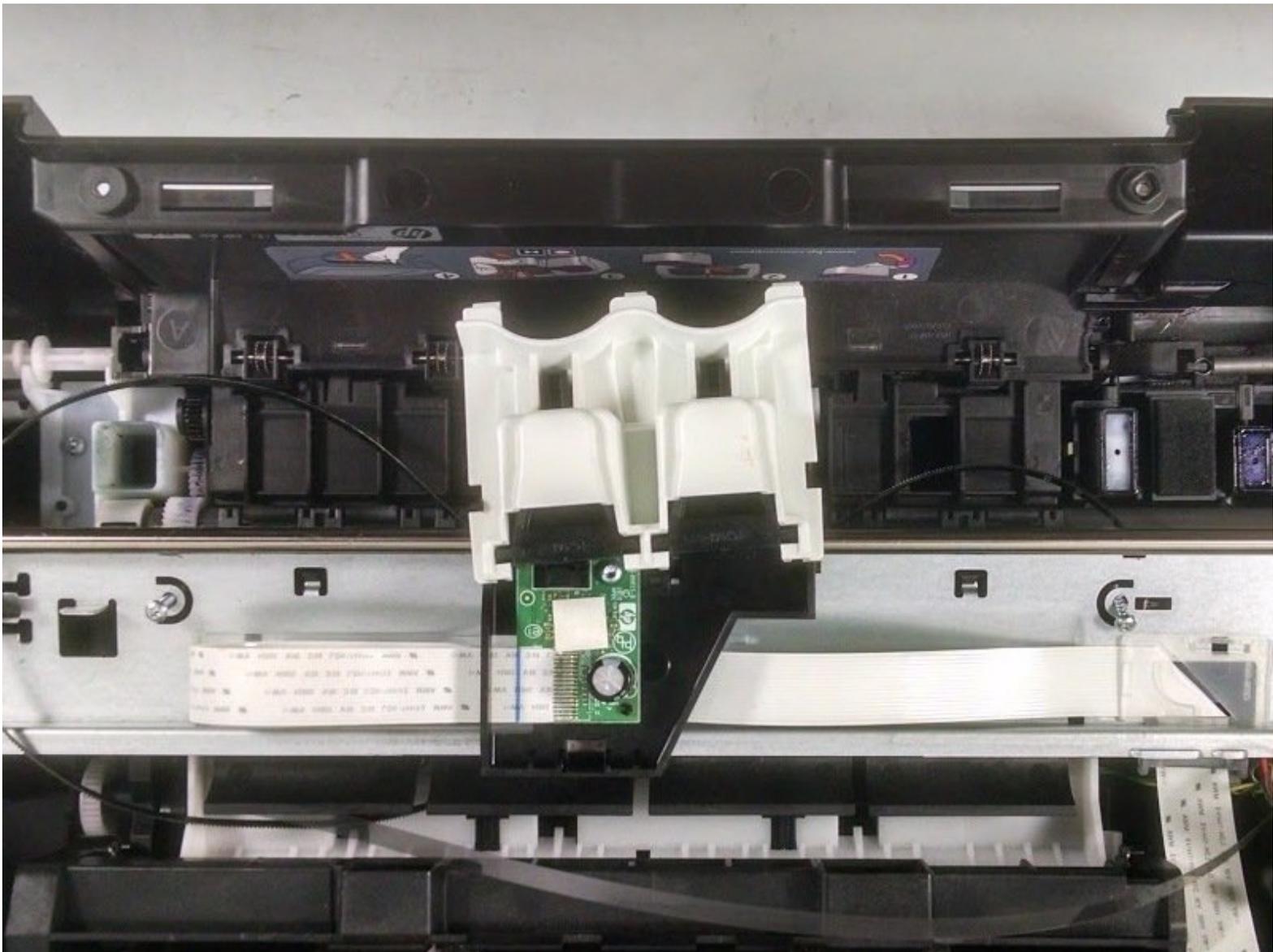# HP Deskjet 3000 j310a Ink Cartridge Holder Replacement

The ink cartridge holder sits atop the metal structure that moves the ink across the page. If the ink cartridge is broken, the printer will not work.

Written By: tdambruoso

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INTRODUCTION

This guide will show how to take the broken or damaged ink cartridge holder off of the printer then replace it. The prerequisite guides will show how to access the holder and replacing it will be simple.

⚒ TOOLS:

- T8 Torx Screwdriver (1)
- Tweezers (1)

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Step 1 — Disconnect Printer

- Begin to disassemble the printer by disconnecting from all power sources and computers. Keep cords separate and allow the printer to cool for 5 minutes.

Step 2 — Remove Bottom Cover

- Flip the printer upside down and locate the cover on the left hand side. It is rectangular shape and is
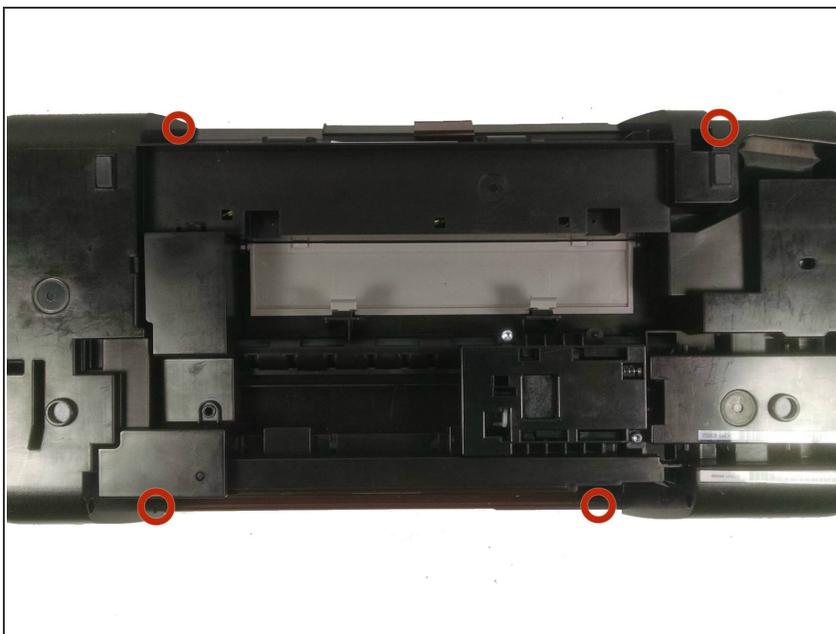
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held in place by two screws.
Unscrew these screws and take off
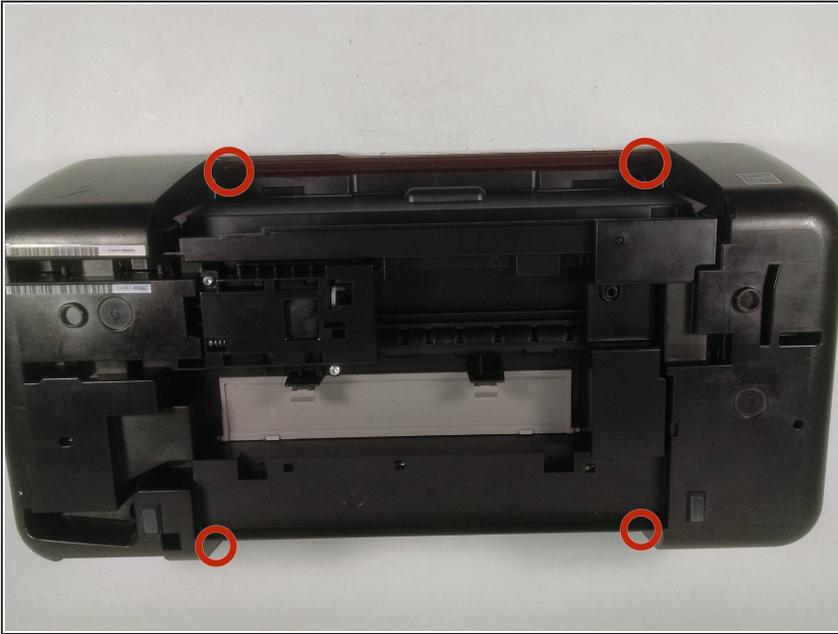cover.

Step 3 — Release Paper Output Tray

- To release the tray from the printer,
  you must manually pull it out. Hold
  the tray and push towards one side
  of the printer. Then pull away from
  the printer towards the other side.
  Keep output tray separate.

Step 4 — Unscrew Cover

- Turn the printer upside down.
  Locate the four screws holding the
  cover in place. These will be on the
  edges of the cover.

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Step 5

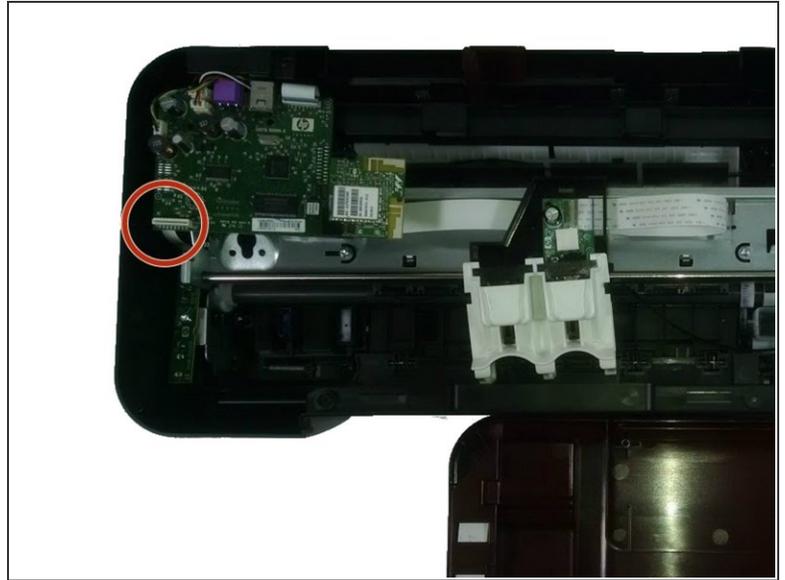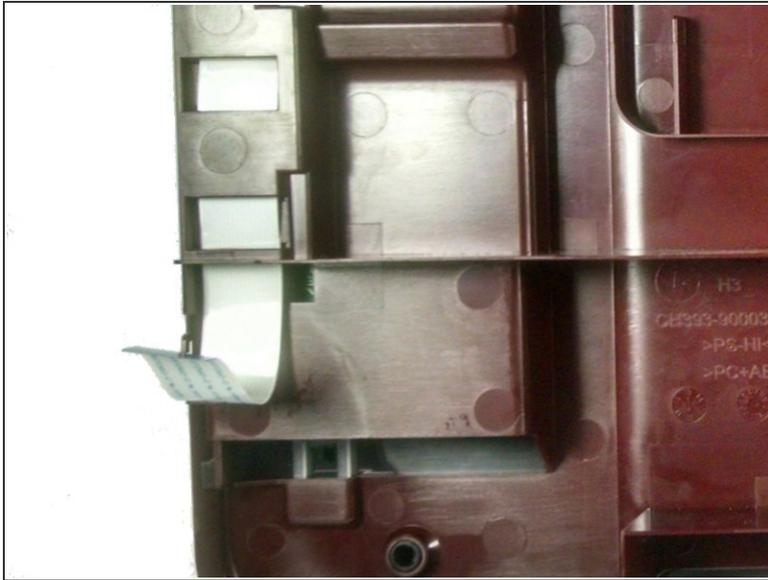- Unscrew the four screws, keeping them separate. Turn the printer back right side up

Step 6 — Pull Off Top

- Place fingers on the edge of the red cover. Begin to pull upwards to release the top portion, working your

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way around the printer. Make sure
that it does not fall back into place.

Step 7 — Disconnect Cover

- Once the top is loose, there will still be a connection wire between the printer and the cover. This wire will be about one inch wide and white, located under the buttons.

Step 8

- Detach the wire from the printer by pulling the blue-sealed end from the white holder.

Step 9 — Remove Large Hard Drive

- The hard drive is in the upper left hand corner of the printer. Locate, then unscrew, the three screws that are holding it in place. Take not of the size of the screws and where they were located.
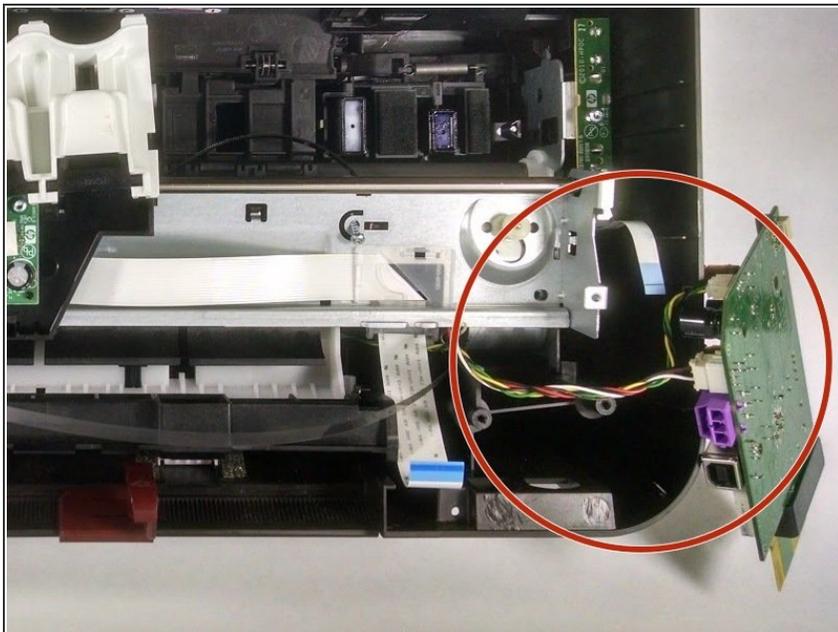
Step 10 — Detach the White Cords

- Pull the narrower cord out of its connection, holding the blue-sealed end.

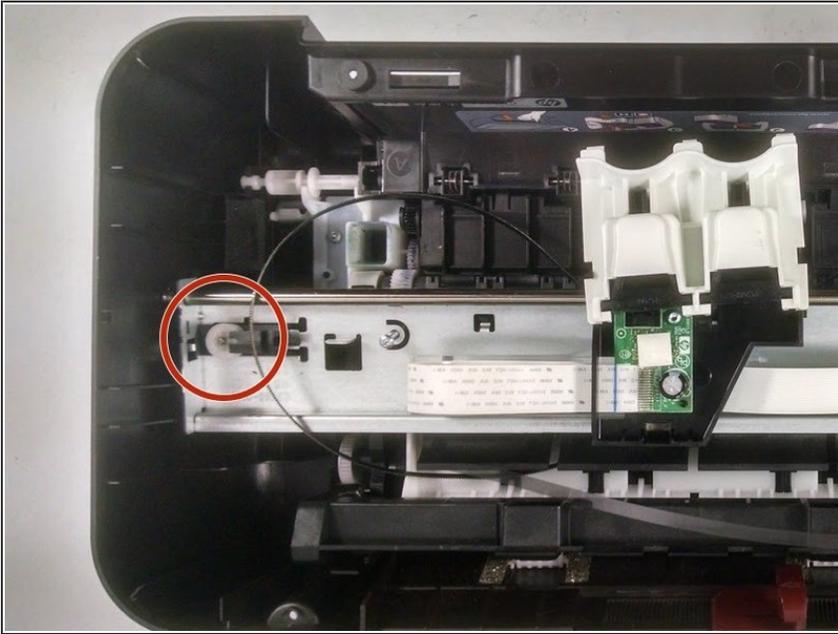This document was generated on 2019-09-23 02:45:37 PM (MST).

Step 11

- Move the hard drive forward and angle downwards so that the larger cord is easier to hold. Pull out of connection holding the cord from the blue-sealed end.
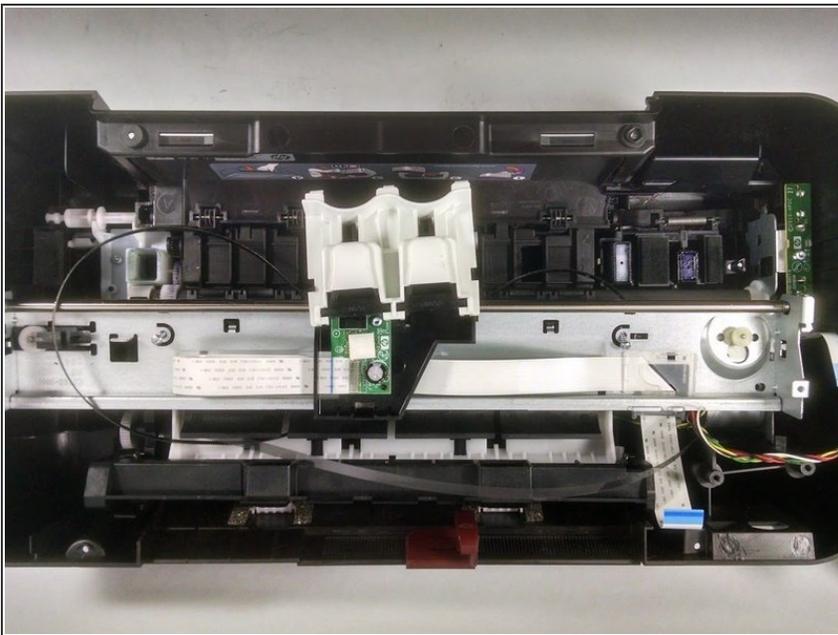
Step 12

- The hard drive will remain loosely attached because of the wires. Do not disconnect these, but lift out of the printer.

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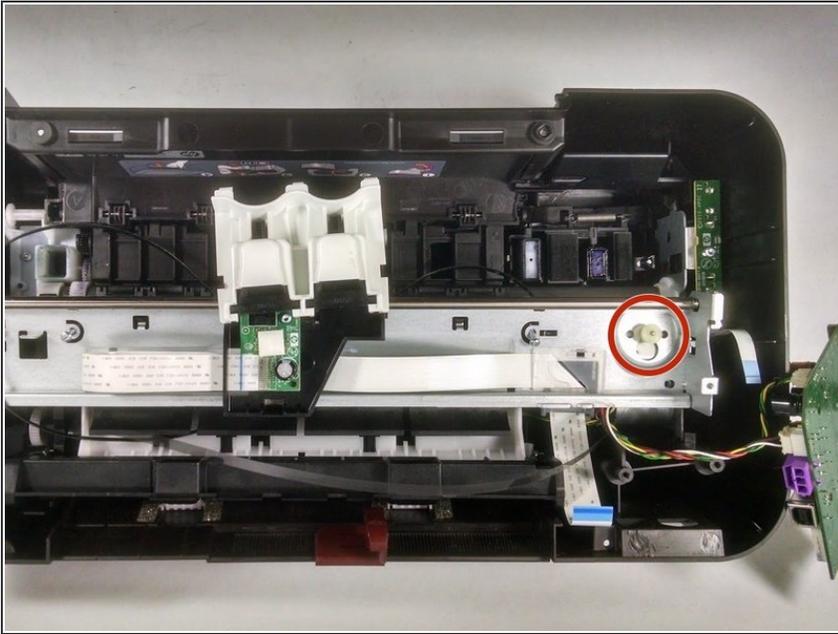
Step 13 — Disconnect the Carriage Driver Belt

● Locate the belt, and the wheel it is around. The wheel will be on top of the metal piece on the far right side.
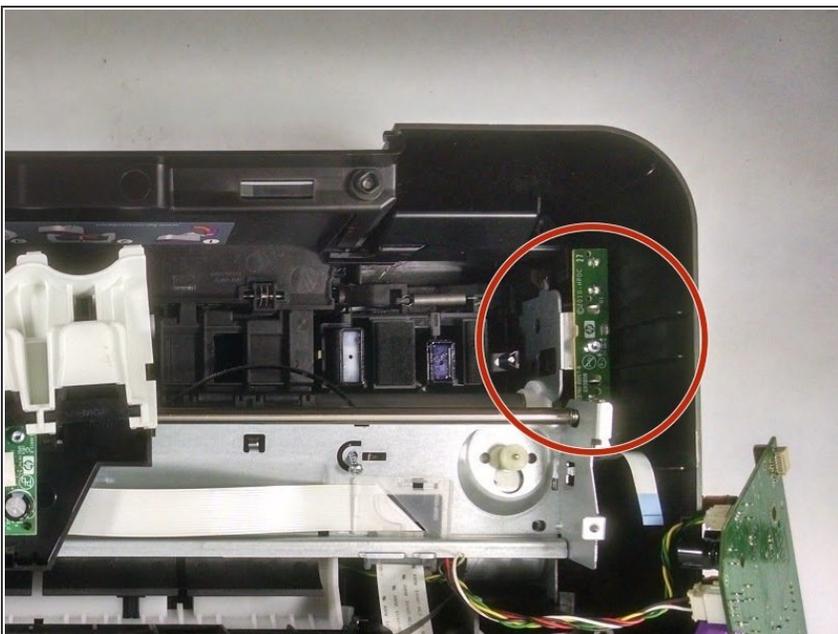
Step 14

● Pull the belt tightly to this side, creating enough slack to lift the belt from the wheel.

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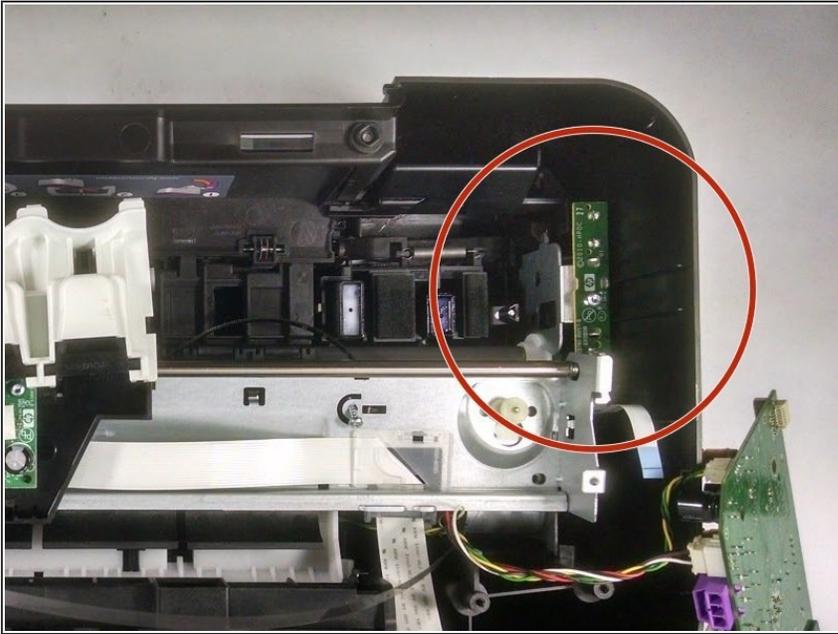
Step 15

- Push the ink cartridge to the center of the printer so that the wheel on the opposite side is visible. Then lift the belt from that wheel.
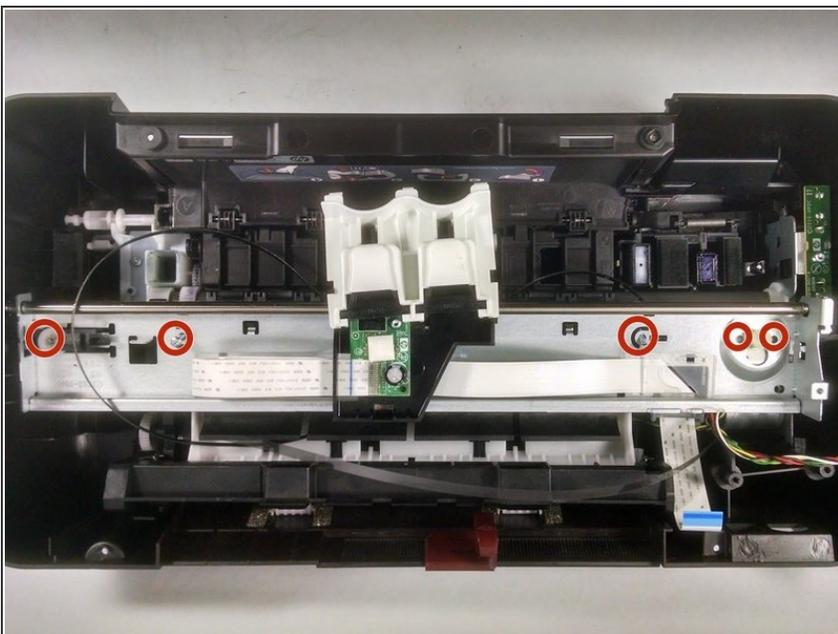
Step 16 — Remove Narrow Hard Drive

- Locate the narrow hard drive on the left side of the printer. Unscrew the screw holding it in place, then disconnect the cord.

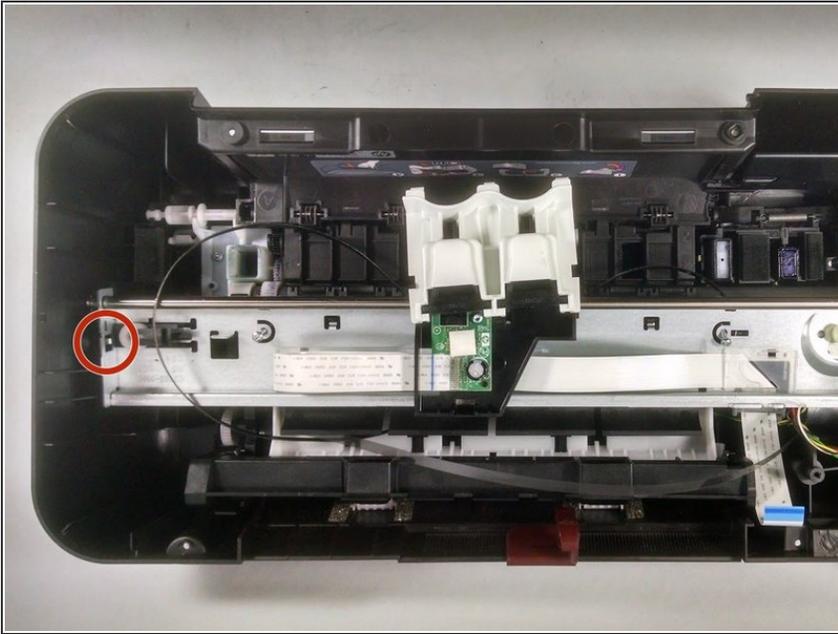This document was generated on 2019-09-23 02:45:37 PM (MST).

Step 17

- Remove the hard drive, keeping separate from printer.

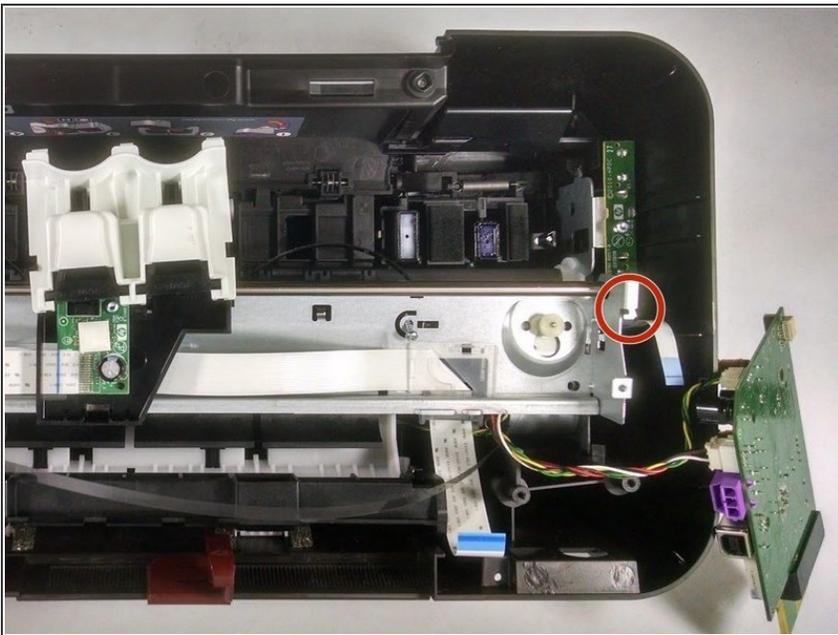## Step 18 — Unscrew Metal Structure

- Unscrew the screws that are holding the metal structure in place. This includes the screw that is on the right side near the wheel the carriage driver belt was around. Be sure to note the size of the screws and where they go.

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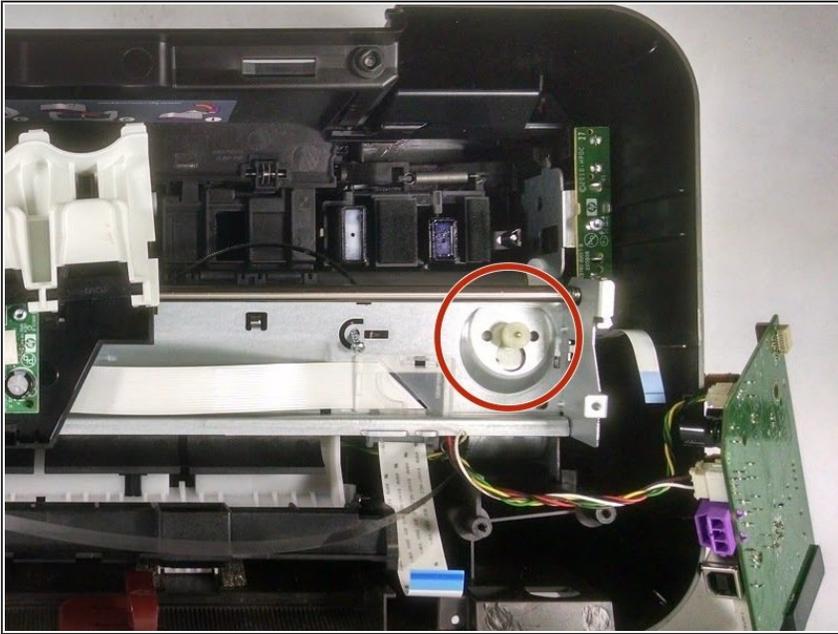
Step 19 — Disconnect Springs

- On the left side, between the wall of the printer and the metal piece, there will be a spring connecting the two. Use the tweezers to detach the spring and keep separate.
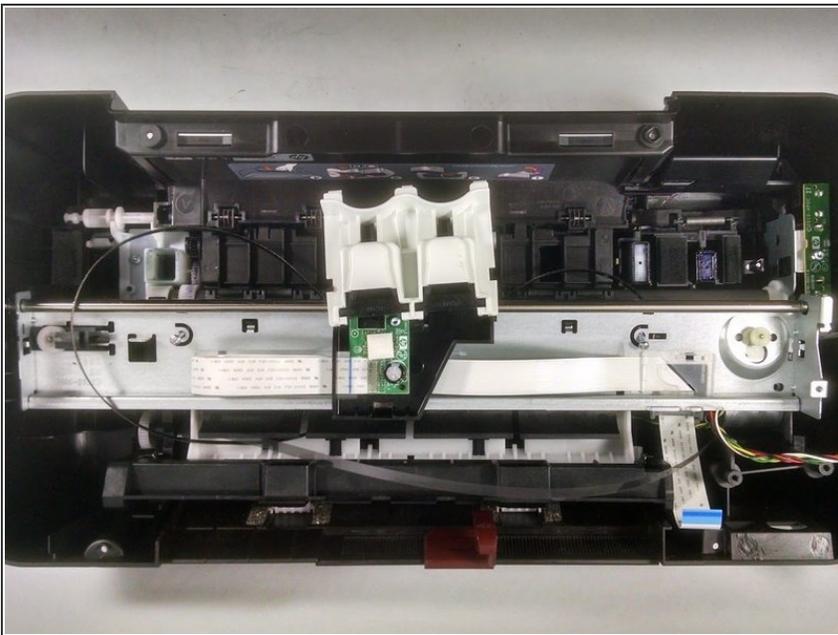
Step 20

- On the right side of the printer there will also be a spring. Again, disconnect this spring using the tweezers.

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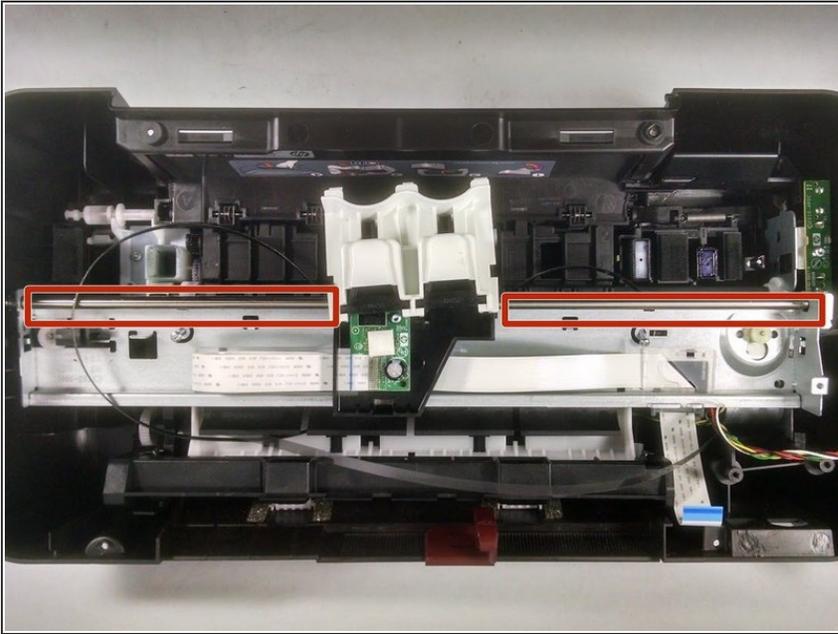
Step 21 — Remove Metal Structure

- Now releasing the metal structure will be possible. On the left side of the structure, locate the wheel that the Carriage Driver Belt was around. Push this wheel through the larger opening it sits in.
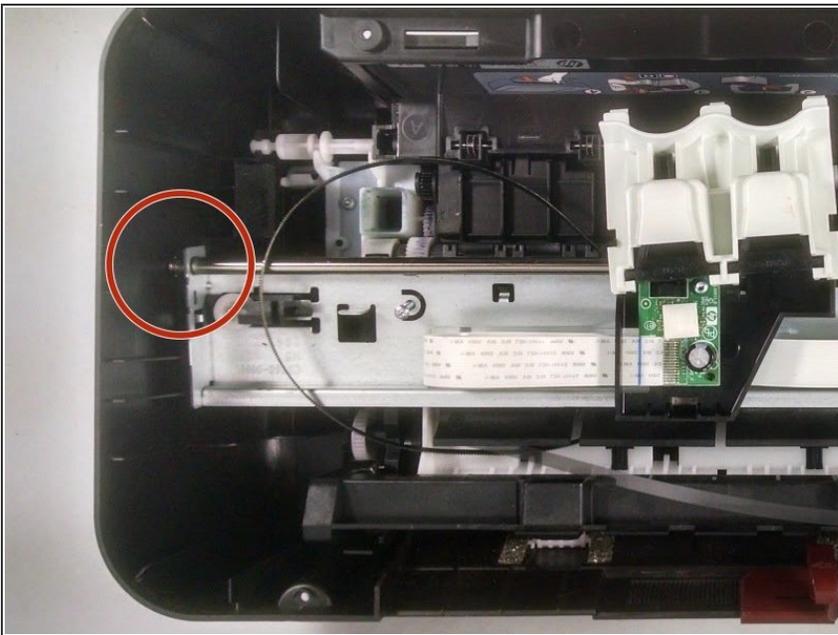
Step 22

- Lift the metal structure from the printer, which will include the ink cartridge holders.

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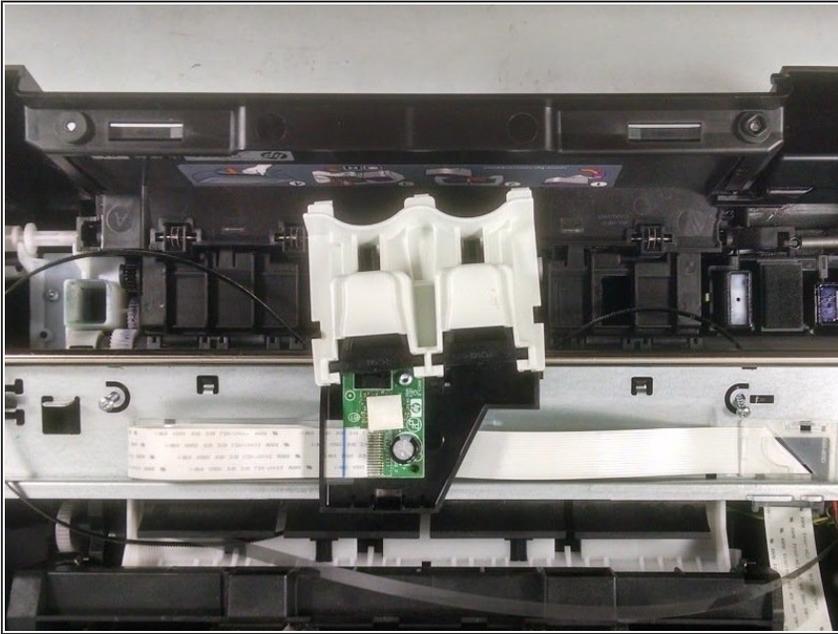
Step 23 — Remove Metal Bar

- Locate the metal bar that will be running parallel to the metal structure that was just removed. Locate the washer at one end.
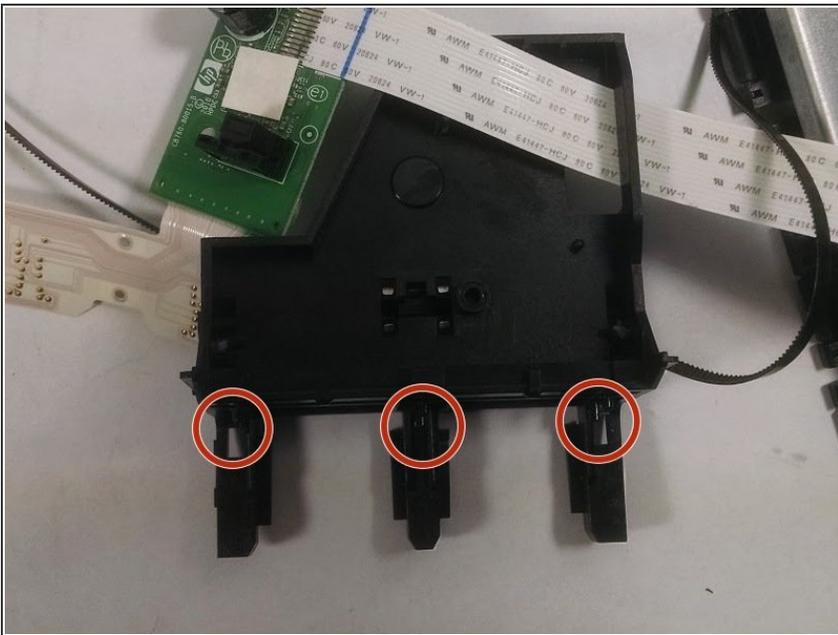
Step 24

- Use the tweezers to pry off the washer, then slide the belt out. Lift the ink cartridge holder from the metal piece, separating the two.

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Step 25 — Remove Ink Cartridge Holder

- Locate the white portion of the ink cartridge holder, and find the three connections to the black portion.

Step 26

- At the three connections, push the white part out of the black openings. This will separate the white and black parts.

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Step 27 — Replace Ink Cartridge Holder

- Insert the new ink cartridge holder where the previous one was.

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

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