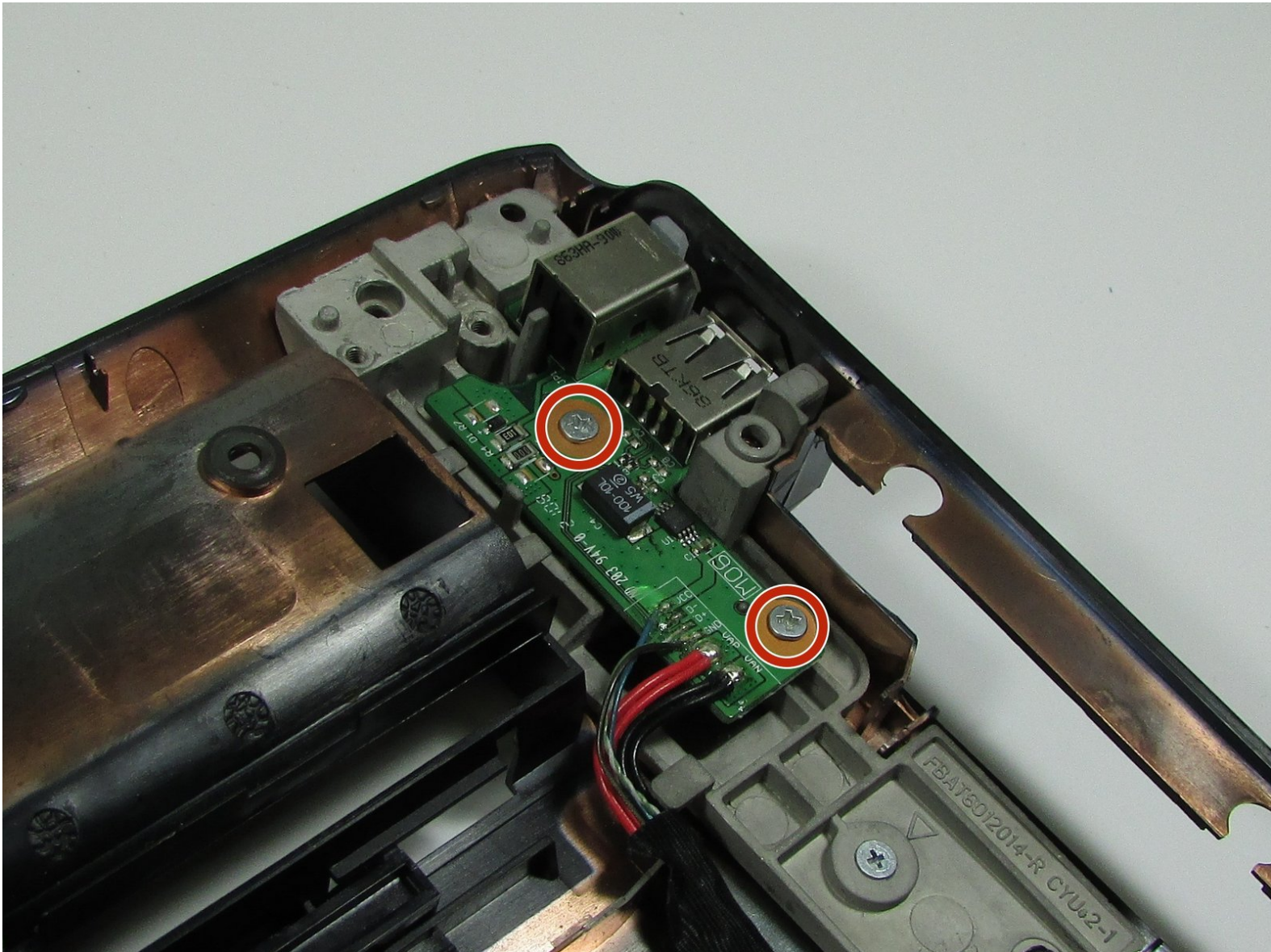# HP Pavilion dv6700 Charging Port Replacement

This will show you how to replace the charging port.

Written By: Alec Gramm

INTRODUCTION

Be sure to wear the anti-static guard strap, as you will be coming into contact with circuitry, and static electricity would permanently damage it.

🔧 TOOLS:

- Anti-Static Wrist Strap (1)
- Hex (5) Screwdriver (1)
- Needle-nose Pliers (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)

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Step 1 — Battery

- Locate battery on the bottom of the laptop.

Step 2

- Slide tab all the way over to the left until battery pops out. Lift out and remove battery.

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Step 3 — Display/Monitor

- Remove the RAM port cover.
  - ⓘ Screws will not fully remove. Loosen them until they turn freely.

Step 4

- Remove Hard Disk Drive (HDD) cover.
  - ⓘ Screws will not fully remove. Loosen them until they turn freely.

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Step 5

- Remove screws from the bottom.

Step 6

- Detach WiFi antenna wires.

  ⓘ Be sure that the wires are labeled so you remember which ones go where.

Step 7

- Remove two screws.
  - Use a needle-nose pliers to do the initial loosening, then switch to using a hex screwdriver (size 5) head to do the rest of the loosening.

Step 8

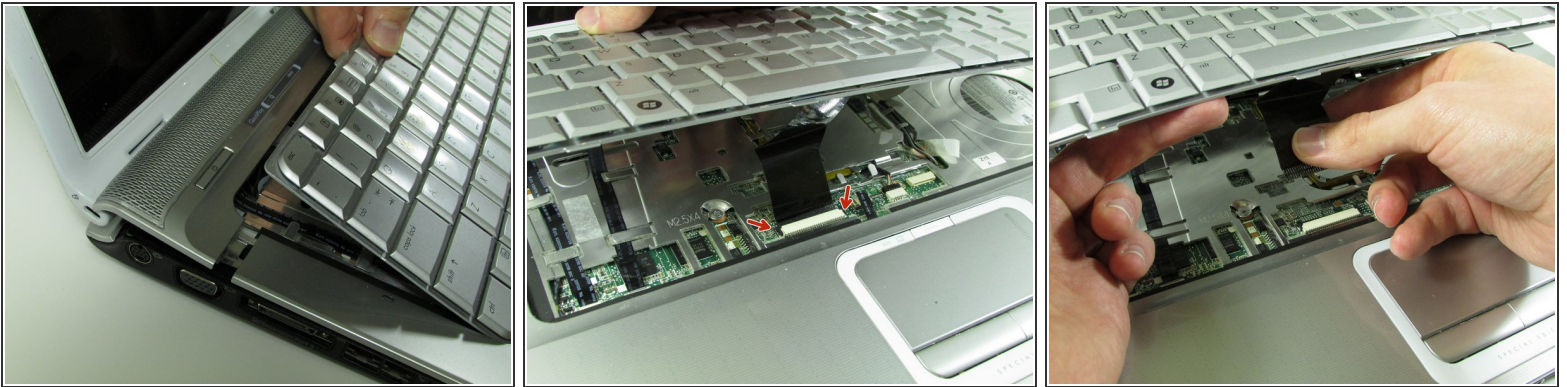- Flip over HP Pavilion dv6700.

- Open up HP Pavilion dv6700.

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Step 9

- Use plastic opening tool to pry open the plastic bar above the keyboard.

⚠ Be careful not to yank so hard that you rip out the ribbon cables underneath. There is enough room to pull safely, but use control to prevent damage.

Step 10

- Pull out and up on keyboard to remove it.

⚠ Do not yank it all of the way out, as there is a ribbon cable underneath.

- Slide the two black locks on the side of the keyboard cable connection port up to release the cable.

- Grip the ribbon cable near the connection point and gently but firmly pull it out.

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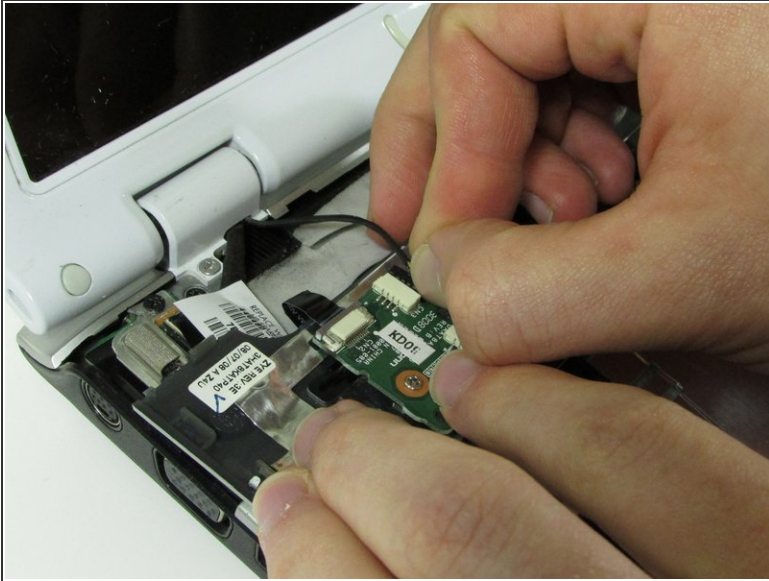
Step 11

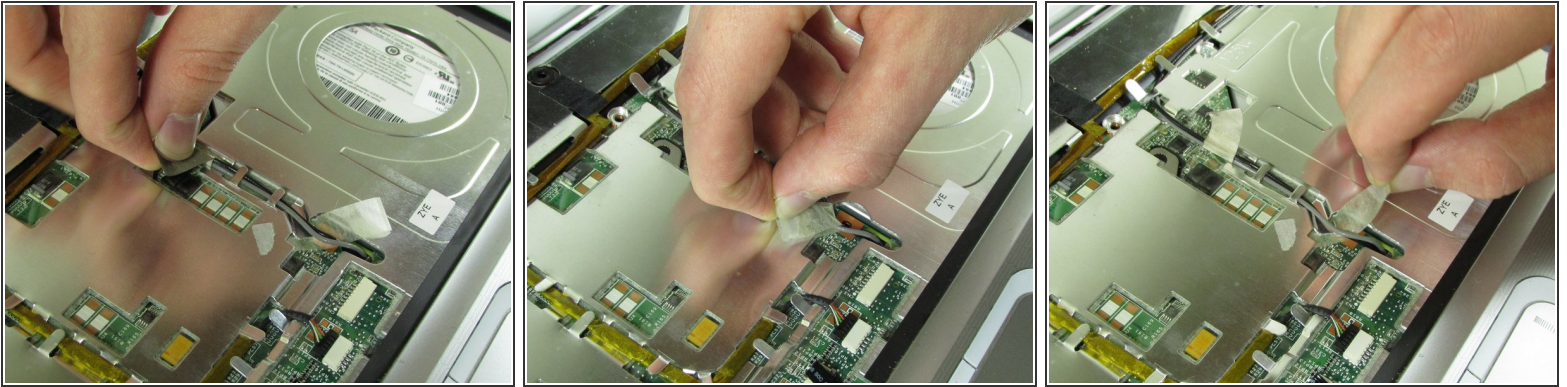- Flip over the plastic bar.

- Detach the display connector.

⚠ Do not pull on the wires. Pull on the black plastic part or wedge a plastic opener or fingernail between the port and the connector.
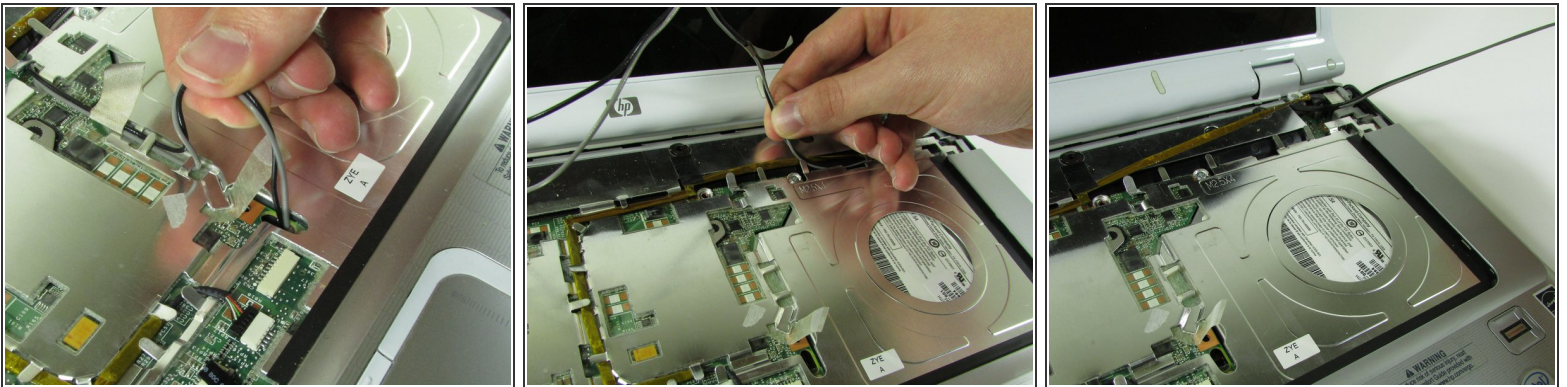
Step 12
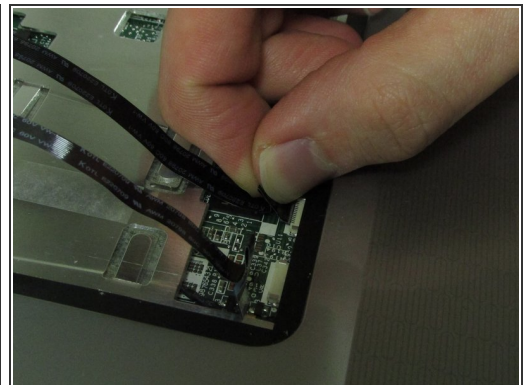
- Detach the ribbon cables.
  - Pull from the area closest to the connection port gently but firmly.

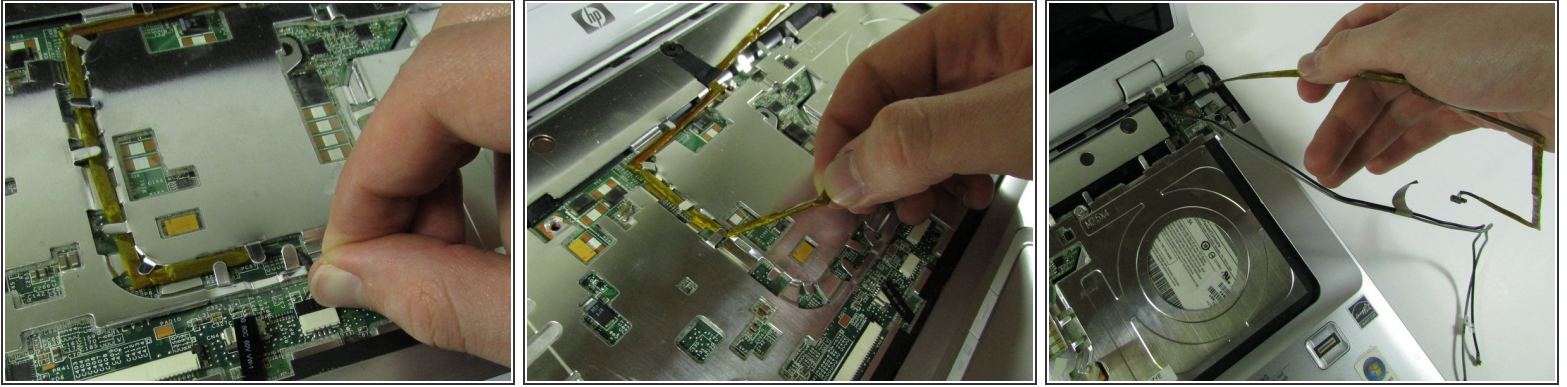## Step 13

- Pull up on tape holding down wires.

Step 14


- Pull up on the WiFi wires and out from under the metal tabs.

⚠ Do not yank them out. Let them hang loose once they are out from under the tabs.

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Step 15

- Disconnect the connector from the port.

- Remove the wire from under the metal tabs.

- Let wire hang loose after removing under the tabs.

Step 16
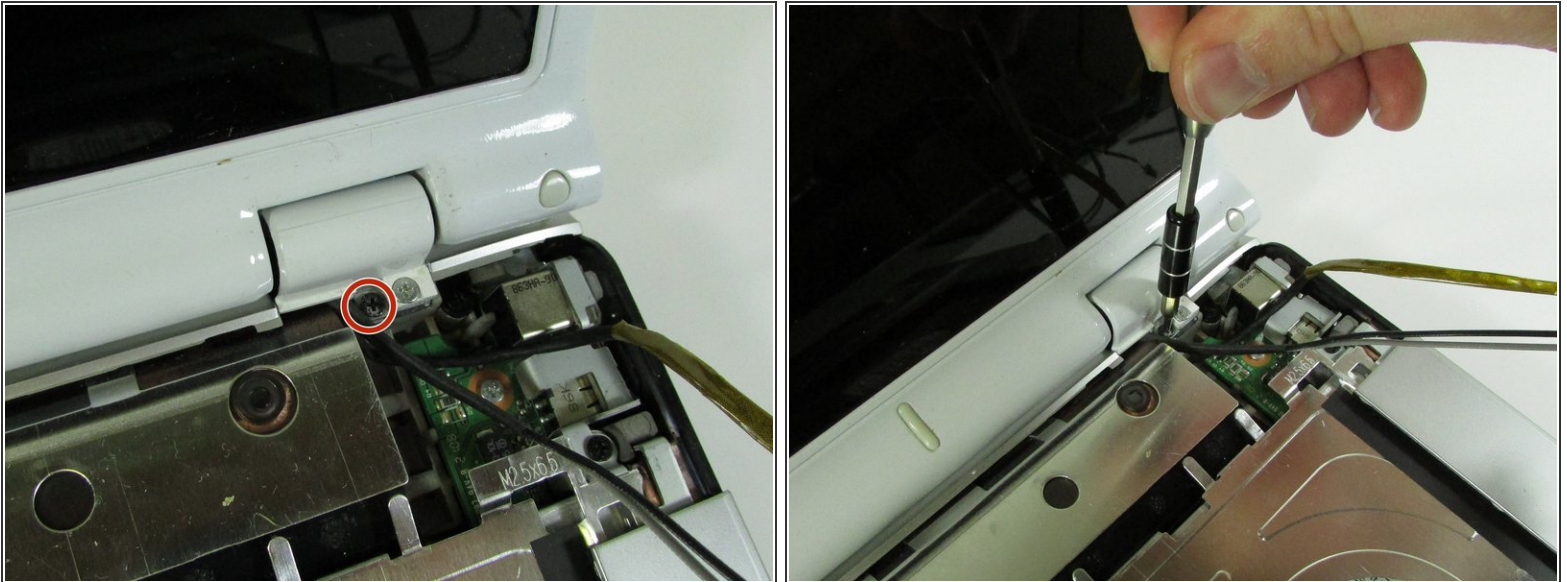
- Remove the black screw in the top right corner.
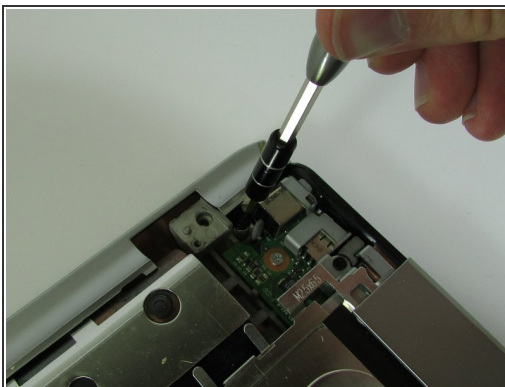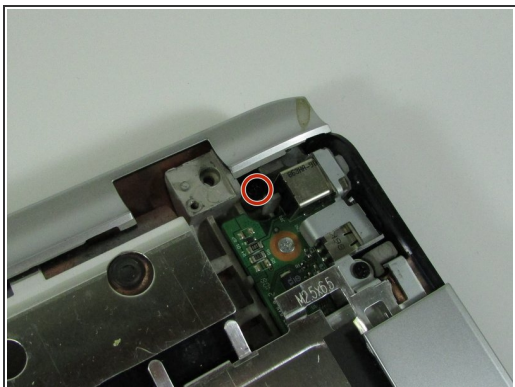
Step 17
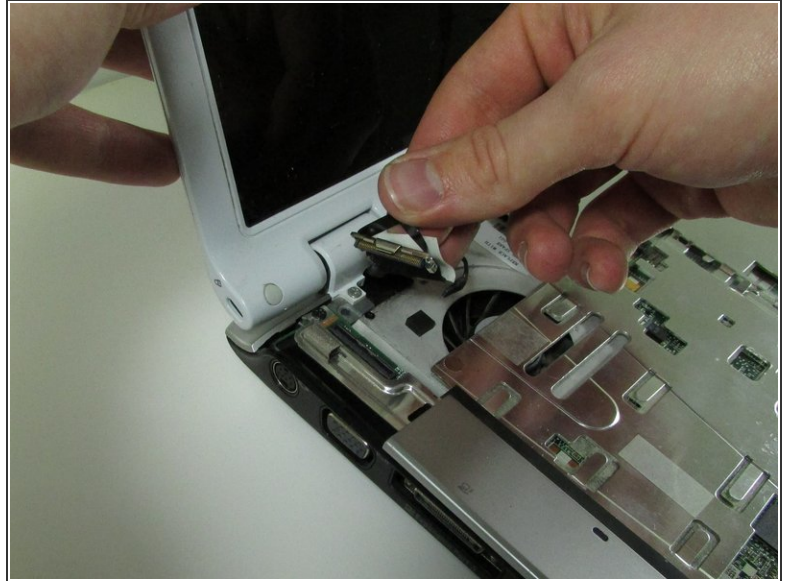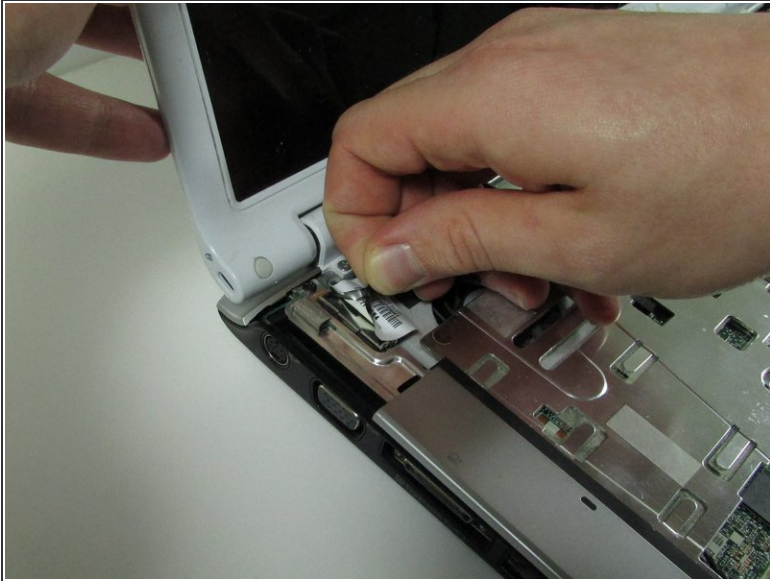
- Pull upward on the screen connector tab.

  - ⓘ It will be firmly secured, so don't be afraid to use a little extra force to pull it off.
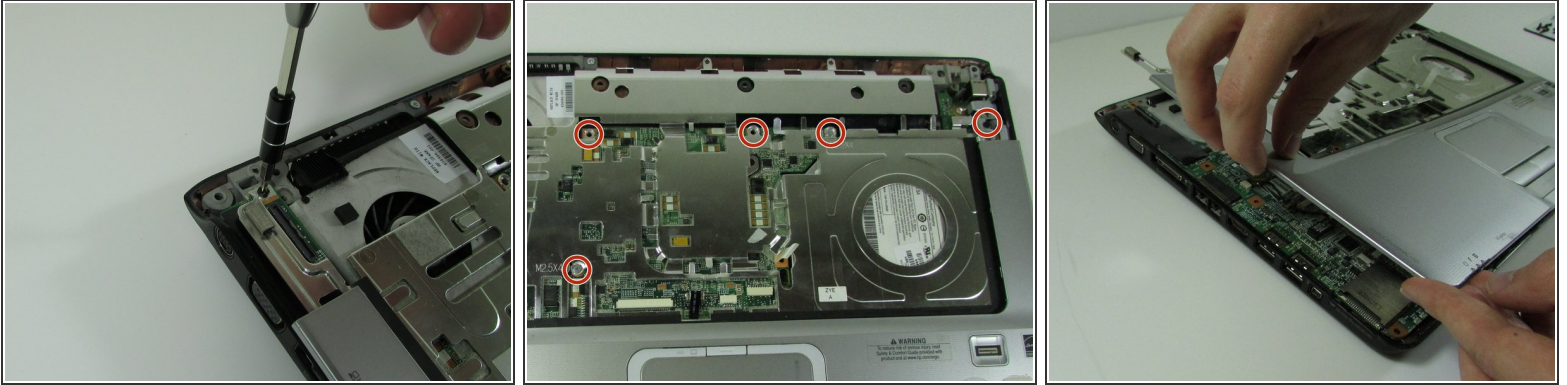
Step 18

- Remove the black screw from the top left corner.

  ⚠ Keep your hand on the screen to secure it, as once you remove this screw, it will come loose.

- Lift the screen off and set it aside.

Step 19 — Motherboard
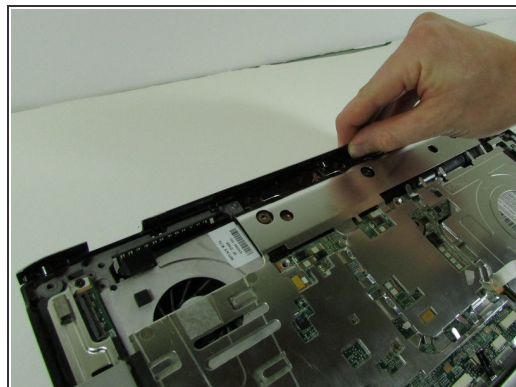
- Unscrew the black screw in the top right corner.

- Pull up on the top piece and remove it.

Step 20

- Remove screw in top left corner.

- Remove screws on motherboard cover.

- Pull up on the cover to remove it.
  - ⓘ You can use a plastic opener if it is hard to get your fingers under the cover's edges.
  - ⚠ Do not pull hard on the cover, as there are two ribbon cables under the cover connected to the motherboard.
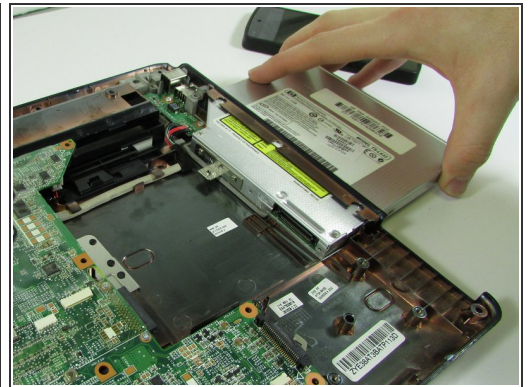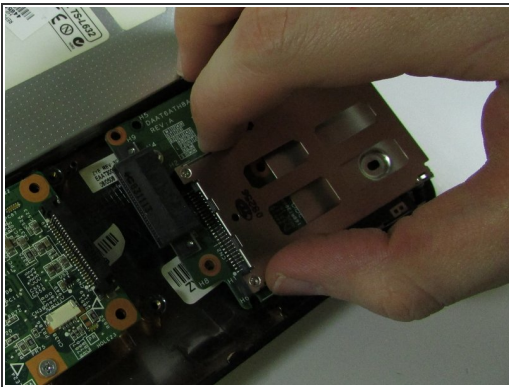
Step 21
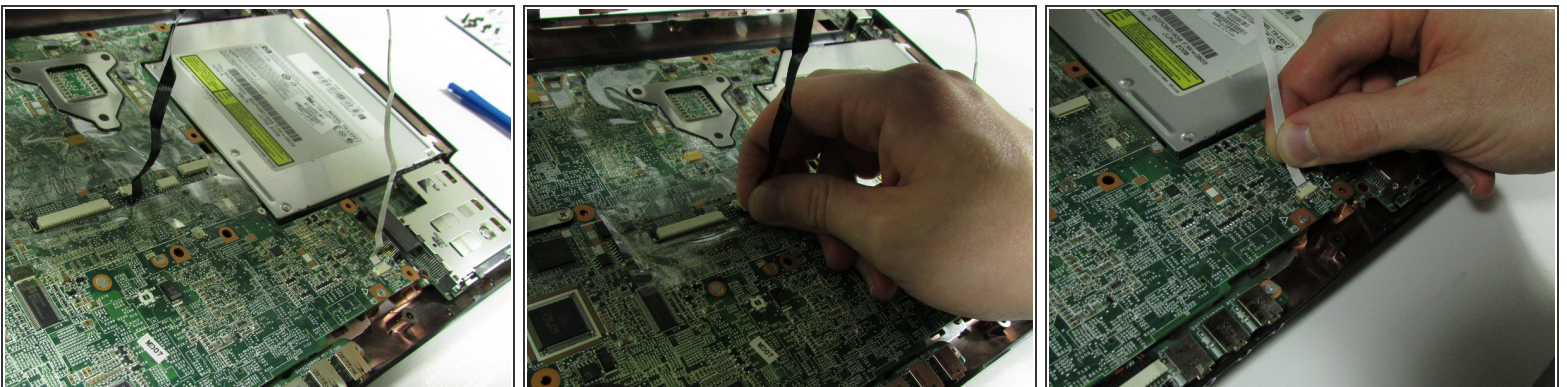
- Pull gently but firmly on the ribbon cables at the connection points to remove them

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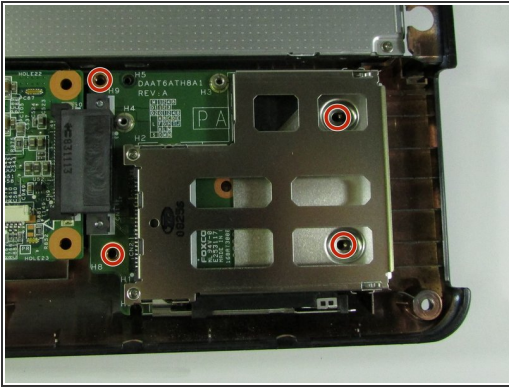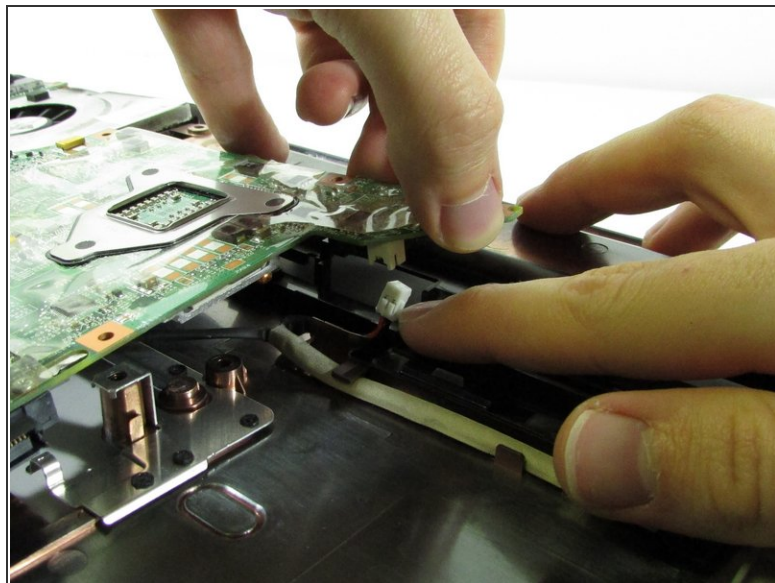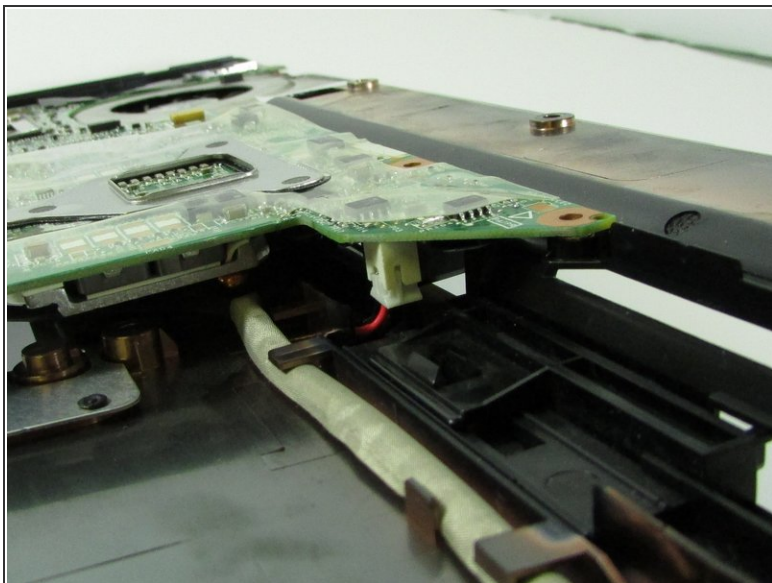
Step 22

- Remove screws from the ExpressCard component.

Step 23

- Remove ExpressCard component by sliding it out.

- Remove Optical Drive by sliding it out.

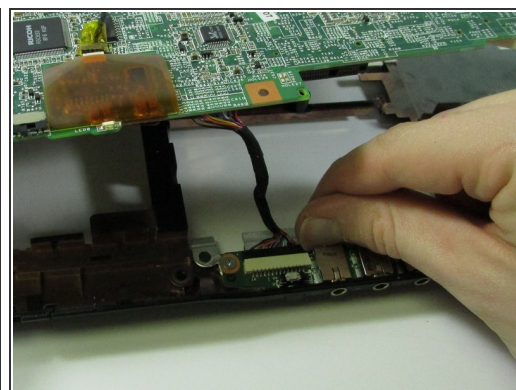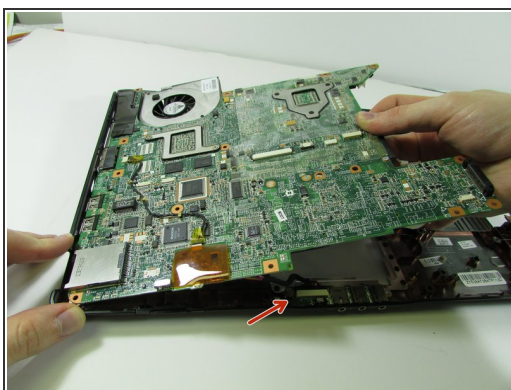This document was generated on 2019-09-18 01:23:03 AM (MST).

Step 24

- Detach connector from the motherboard.

- ⓘ This piece is likely to be very hard to disconnect, so do not be afraid to use more force than normal.
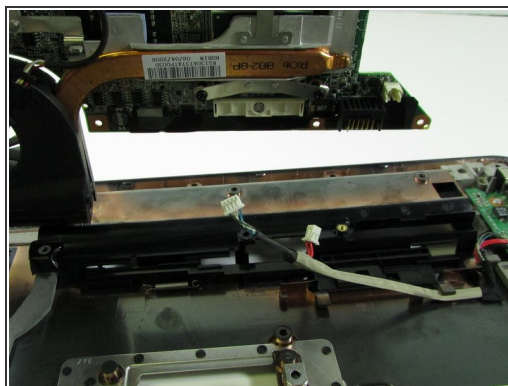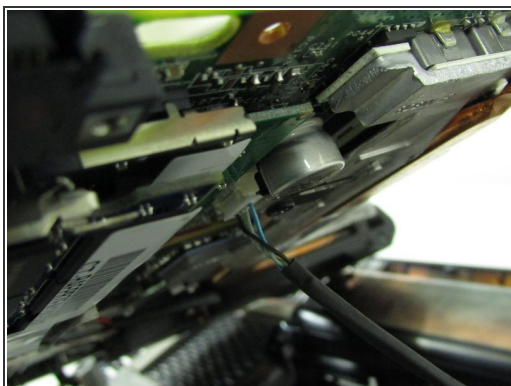
Step 25
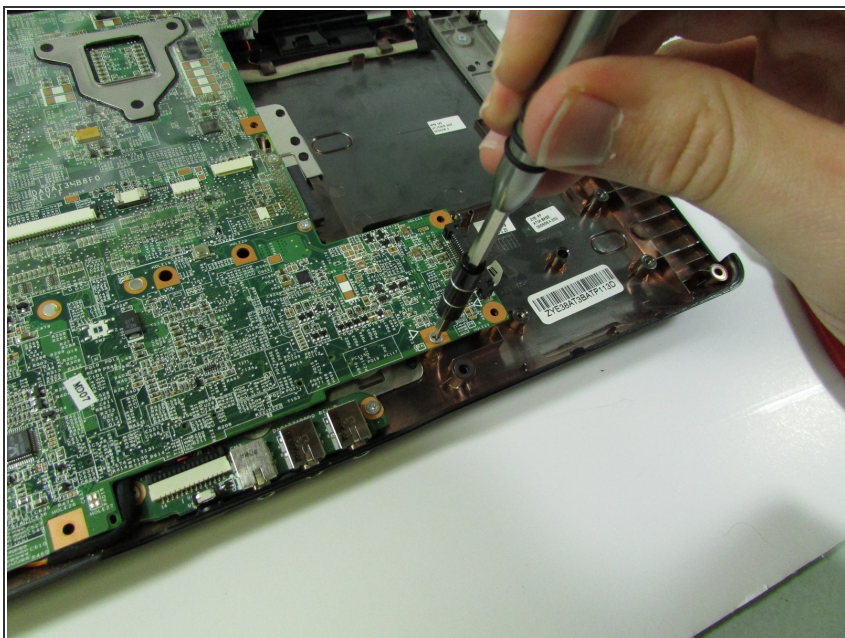
- Remove screw near where the ExpressCard component was.

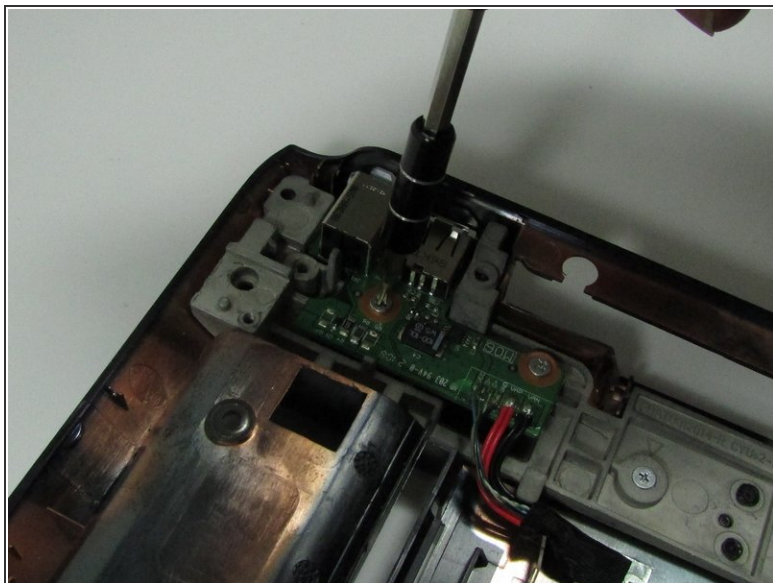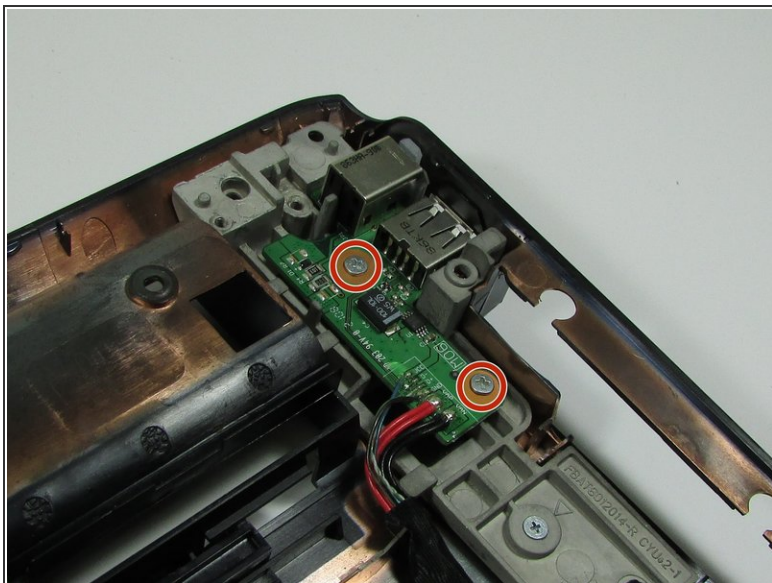This document was generated on 2019-09-18 01:23:03 AM (MST).

Step 26

- Lift up motherboard.

- Detach the motherboard connector at the front under the motherboard.
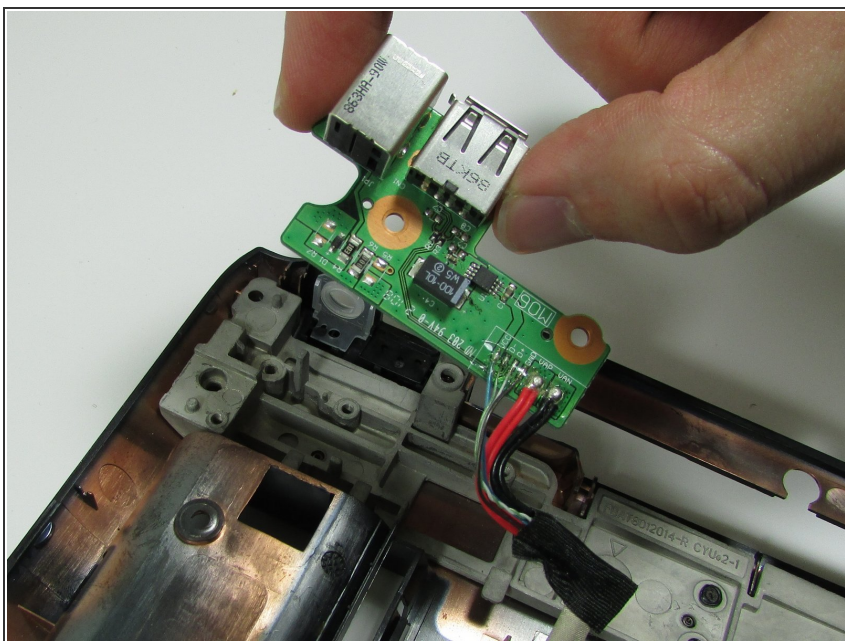
Step 27

- Lift up and out the motherboard.

- Detach the connector under the motherboard.

- Remove the motherboard.

Step 28 — Charging Port

- Remove the screws securing the charging port.

Step 29

- Remove the charging port.

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

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