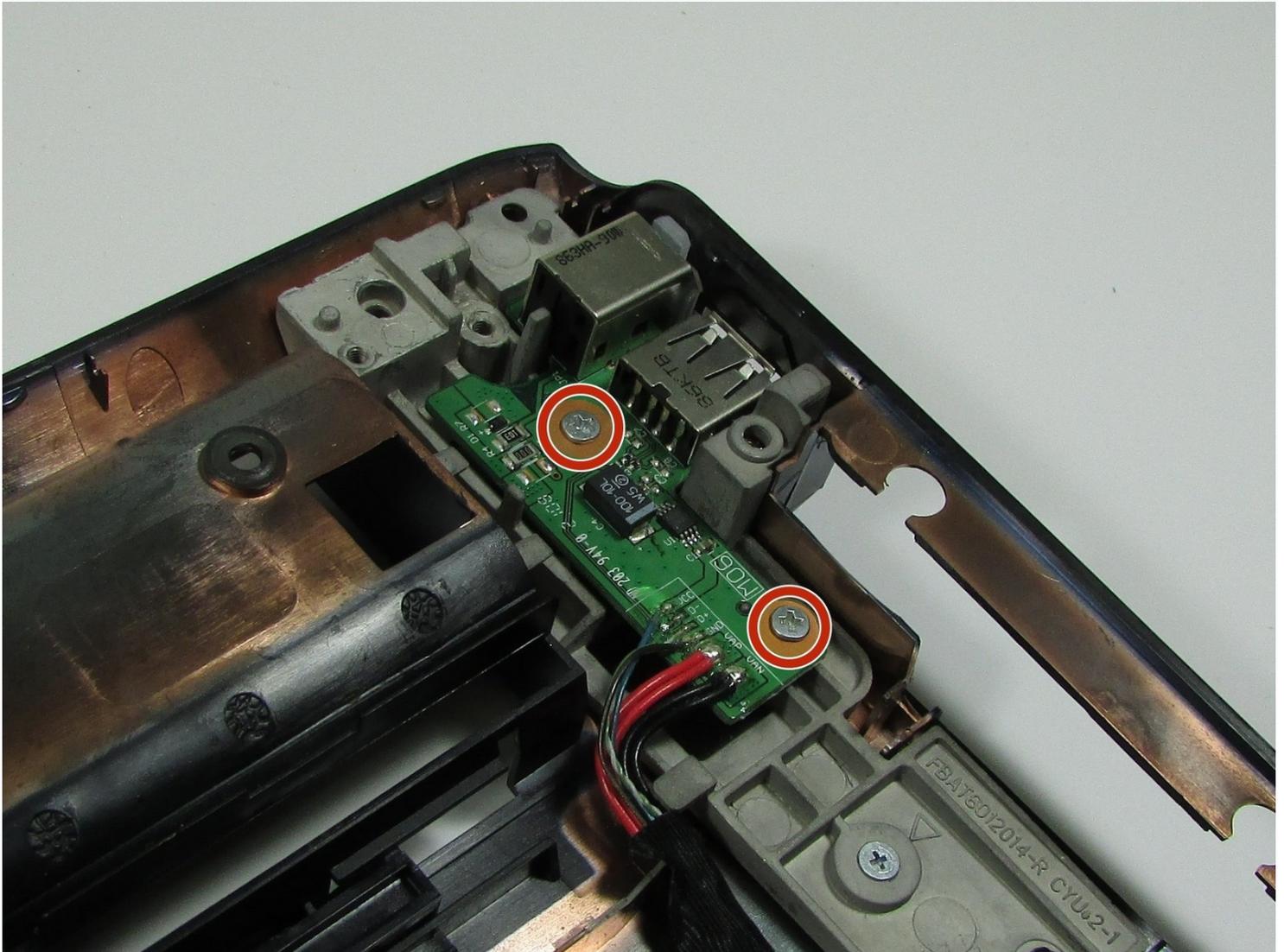


HP Pavilion dv6700 Charging Port Replacement

Be sure to wear the anti-static guard strap, as...

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)

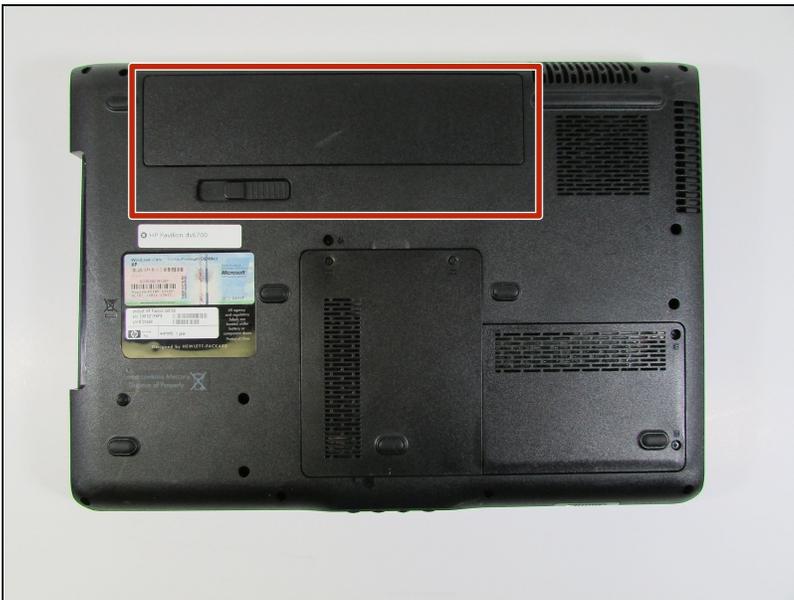
Hex (5) Screwdriver (1)

Needle-nose Pliers (1)

Phillips #00 Screwdriver (1)

iFixit Opening Tool (1)

Step 1 — Battery



- Flip over the device so that the bottom is facing you.
- Locate the battery on the bottom of your laptop.

Step 2



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

Step 3 — Display/Monitor



- Remove the RAM port cover by unscrewing the two screws.
 - ⓘ These screws can not be fully removed because they're captive. Loosen them until they turn freely.

Step 4



- Use a Phillips #00 screwdriver to remove the two screws securing Hard Disk Drive (HDD) cover.
- ⓘ Screws will not fully remove. Loosen them until they turn freely.

Step 5



- Use a Phillips #00 screwdriver to remove the 25 screws securing the bottom of the computer.

Step 6



- Detach WiFi antenna wires.

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

Step 7



- Using the Phillips #0 screwdriver remove the 2 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 so that the top is facing you.
- Open up HP Pavilion dv6700.

Step 9



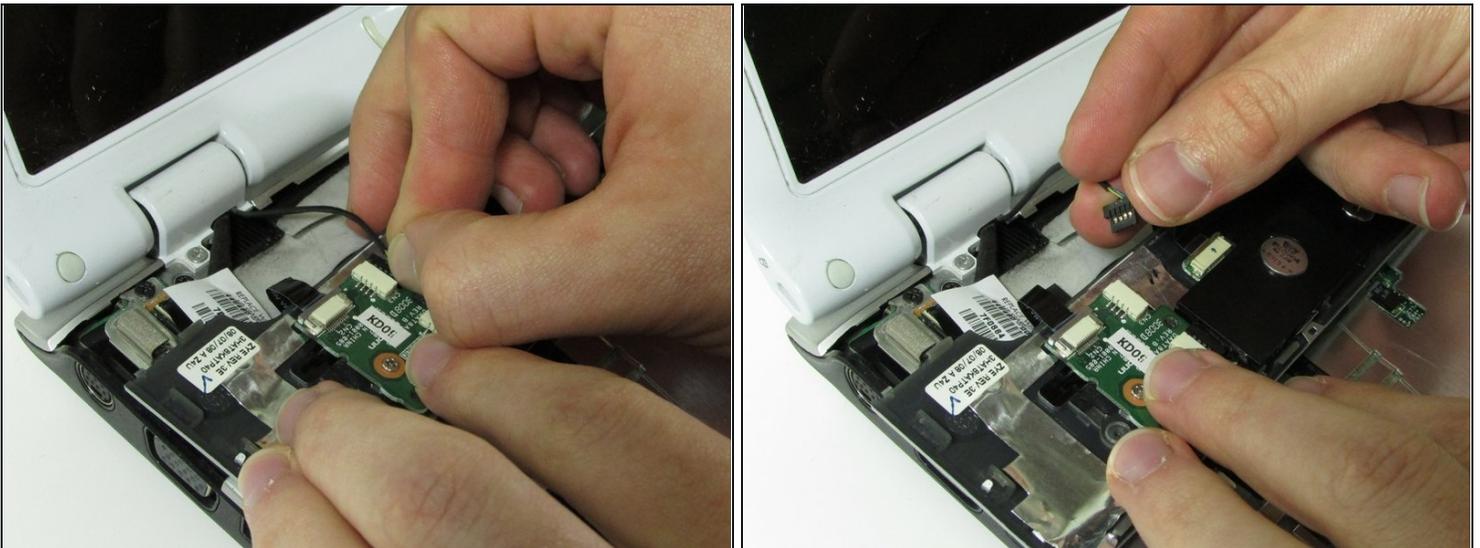
- Use an iFixit opening tool to pry open the plastic bar above the keyboard.
⚠ Be careful not to yank so hard that you rip out the ribbon cables underneath. There is enough room to pull safely, but use control to prevent damage.

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.

Step 11



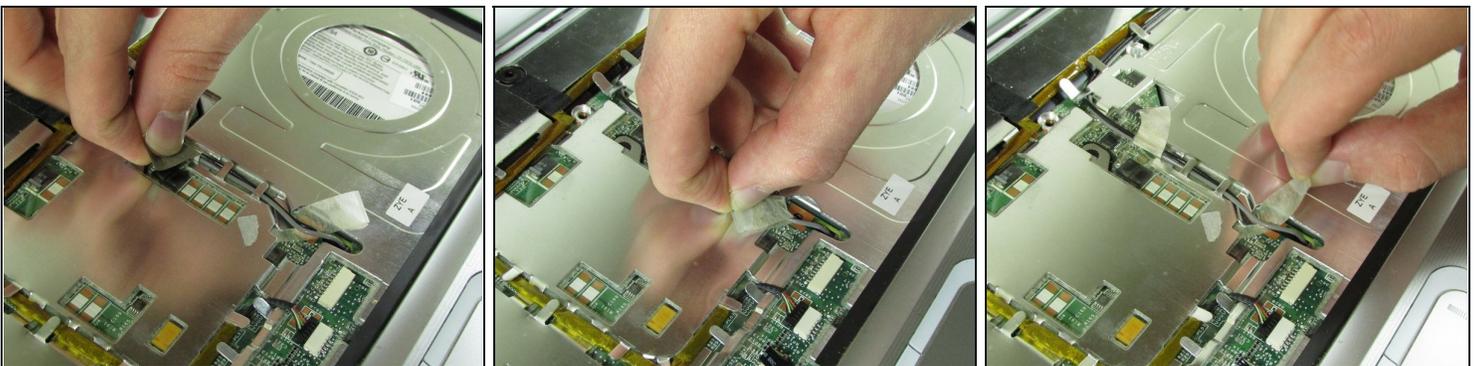
- Flip over the plastic bar.
- Detach the display connector.
⚠ Do not pull on the wires. Pull on the black plastic part or wedge an iFixit opening tool or fingernail between the port and the connector.

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.

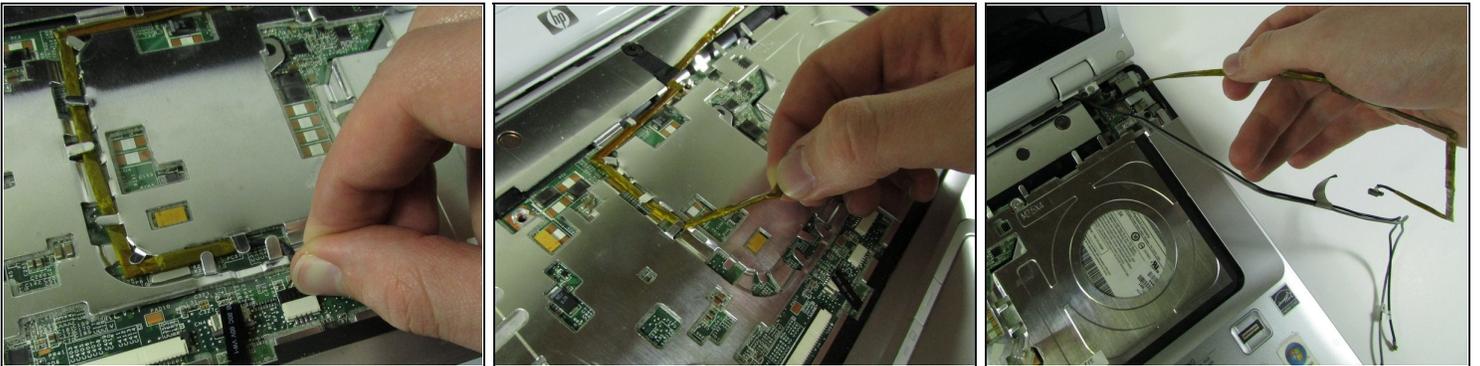
Step 14



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

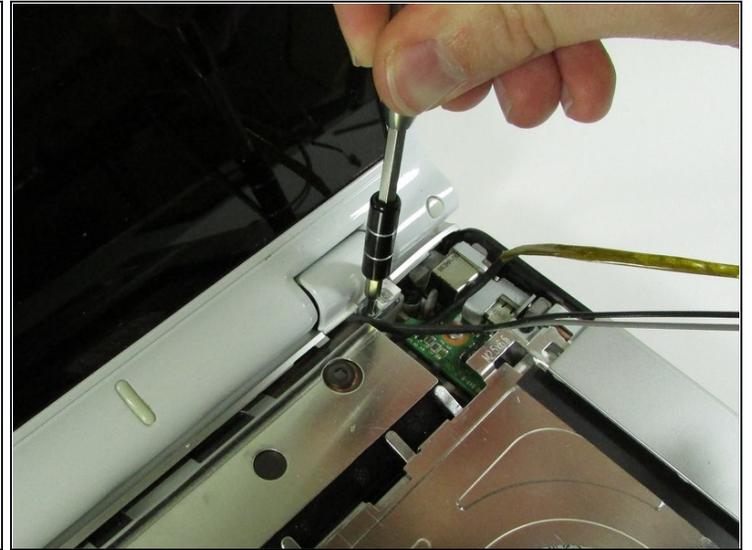
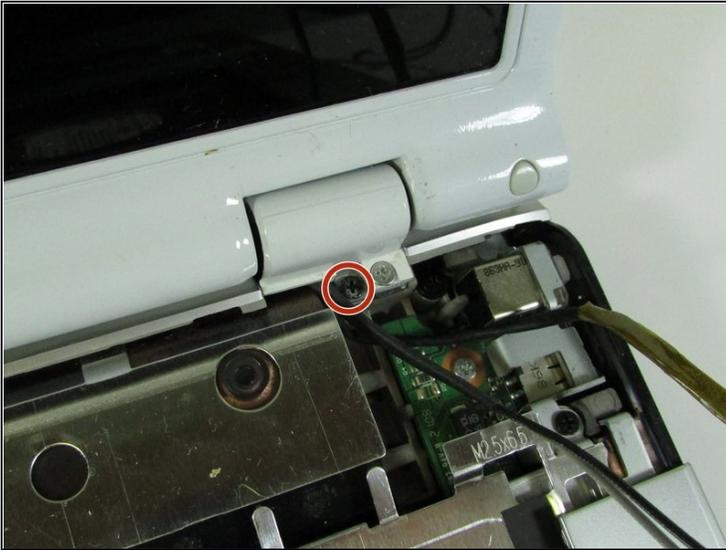
⚠ Do not yank them out. Let them hang loose once they are out from under the tabs.

Step 15



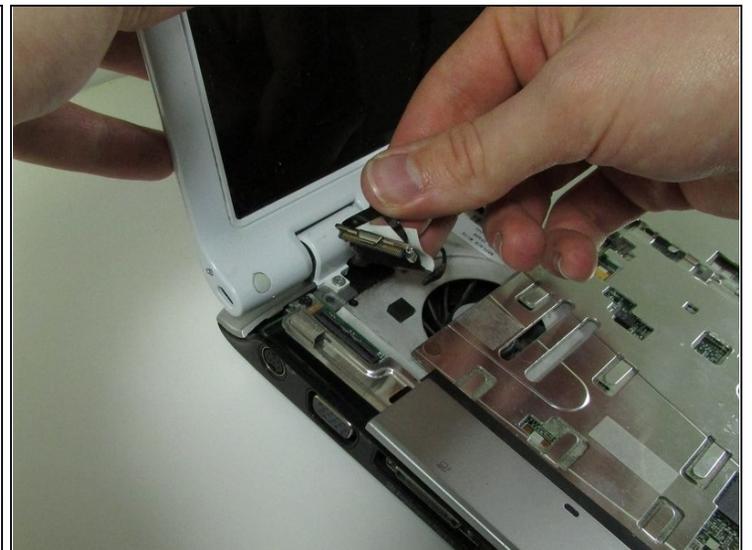
- Disconnect the connector from the port.
- Remove the wire from under the metal tabs.
- Let wire hang loose after removing under the tabs.

Step 16



- Use a Phillips #00 screwdriver to remove the black screw located in the top right corner near the display.

Step 17



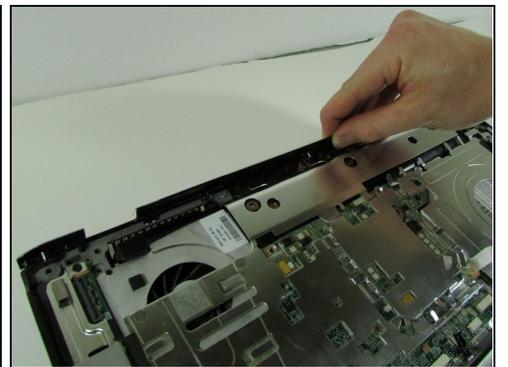
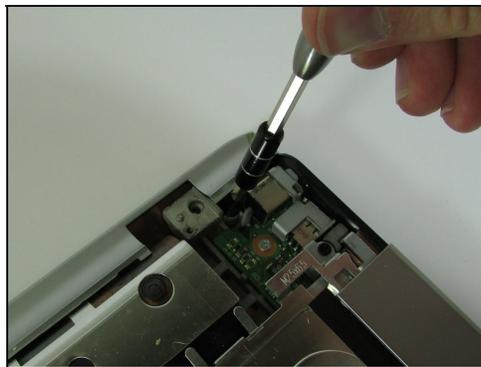
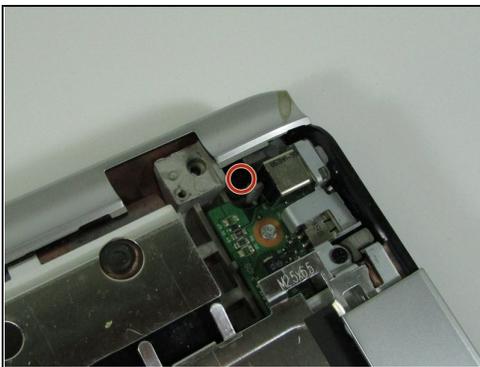
- Pull upward on the screen connector tab.
 - ⓘ It will be firmly secured, so don't be afraid to use a little extra force to pull it off.

Step 18



- Use a Phillips #00 screwdriver to remove the black screw securing the screen.
⚠ 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 using the Phillips #00 screwdriver.
- Pull up on the top piece and remove it.

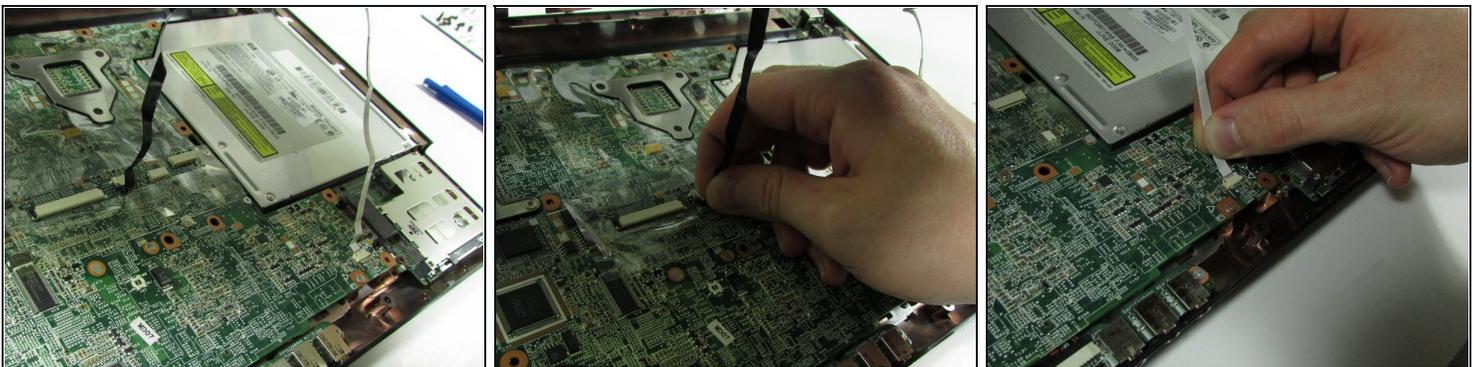
Step 20



- Remove the screw in top left corner using the Phillips #00 screwdriver
- Remove the five screws that are located on the 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

Step 22



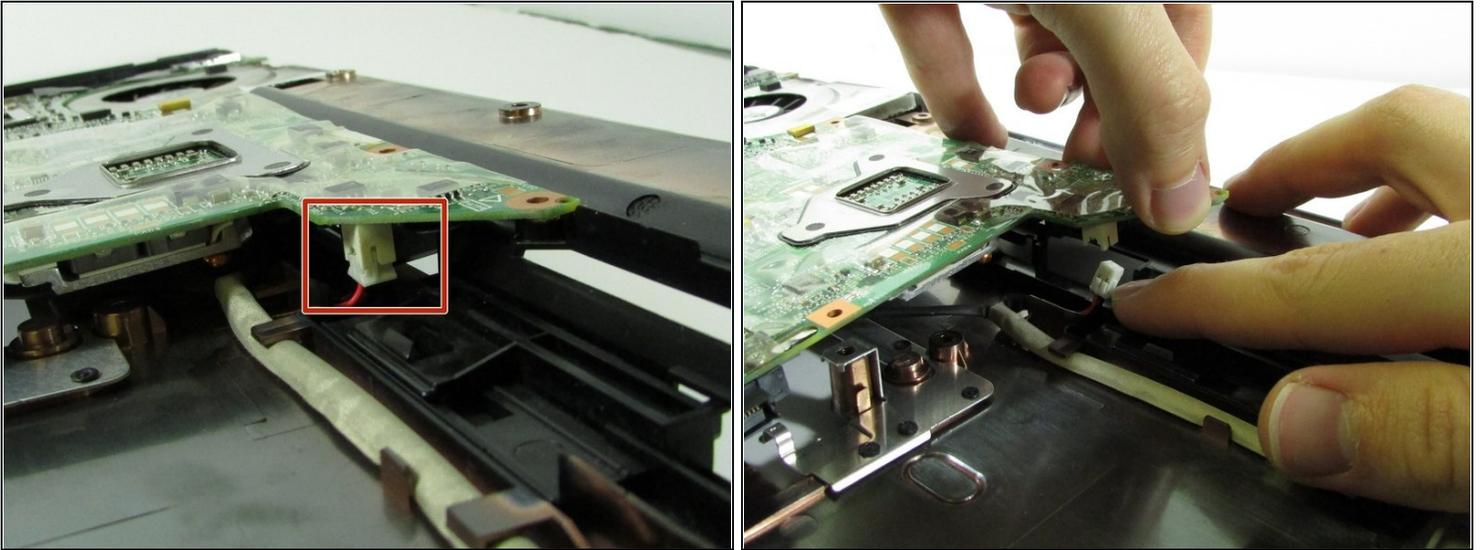
- Remove the four screws from the ExpressCard component using the Phillips #00 screwdriver.

Step 23



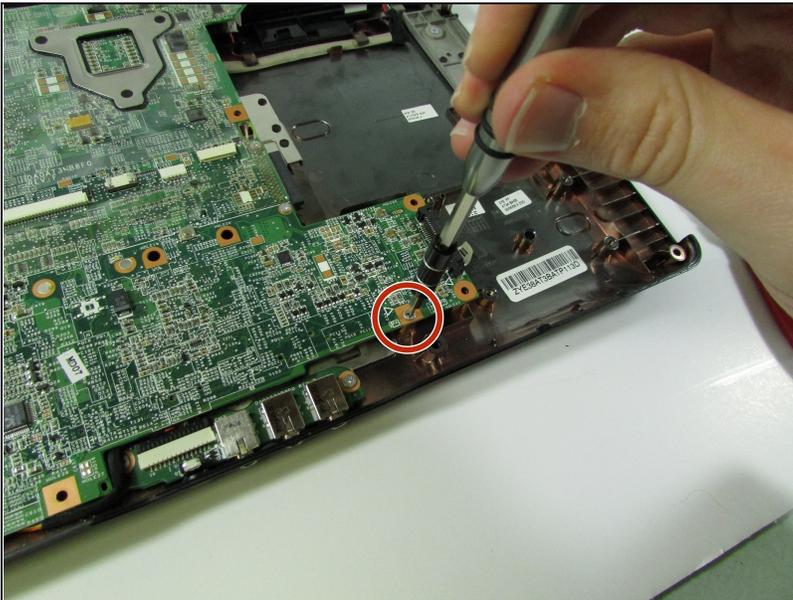
- Remove ExpressCard component by sliding it out.
- Remove Optical Drive by sliding it out.

Step 24



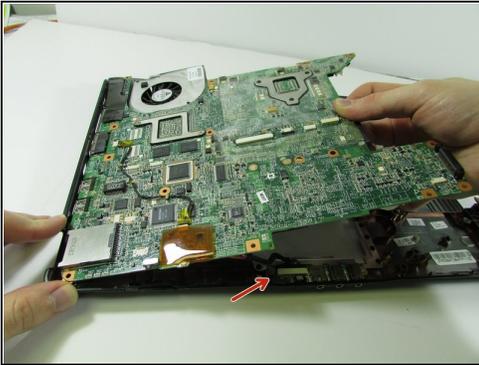
- Detach connector from the motherboard.
 - ⓘ This piece is likely to be very hard to disconnect, so do not be afraid to use more force than normal.

Step 25



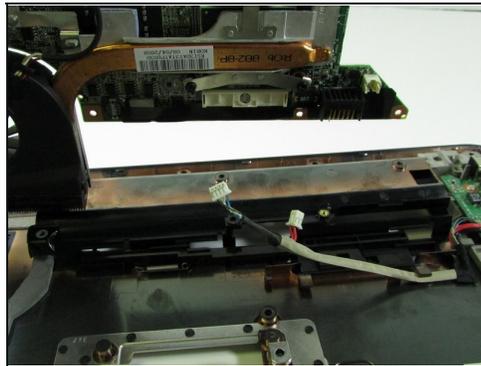
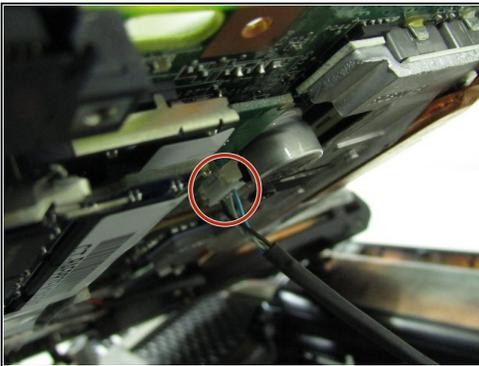
- Using the Phillips #00 screwdriver, remove the one screw near where the ExpressCard component was.

Step 26



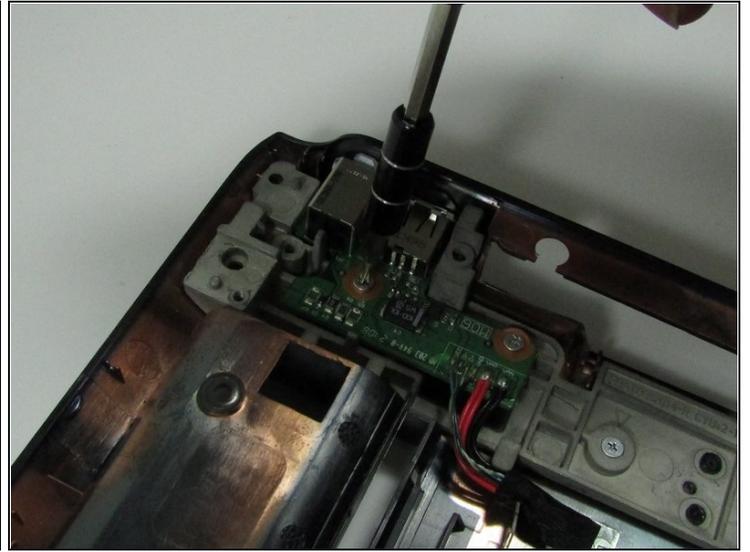
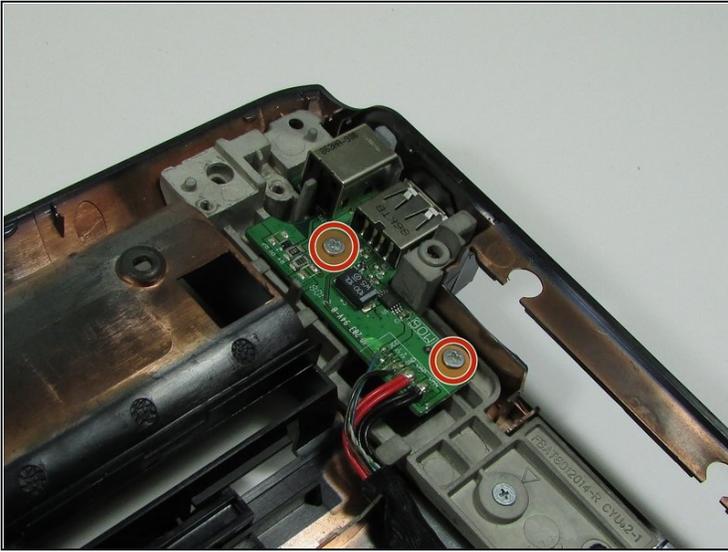
- Lift up motherboard.
- Detach the motherboard connector at the front under the motherboard.

Step 27



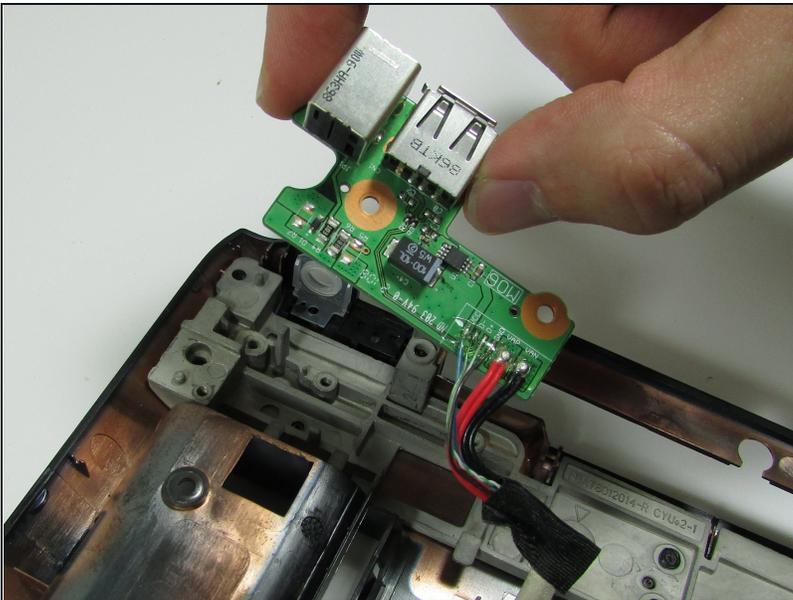
- Lift up and out the motherboard.
- Detach the connector under the motherboard.
- Remove the motherboard.

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.