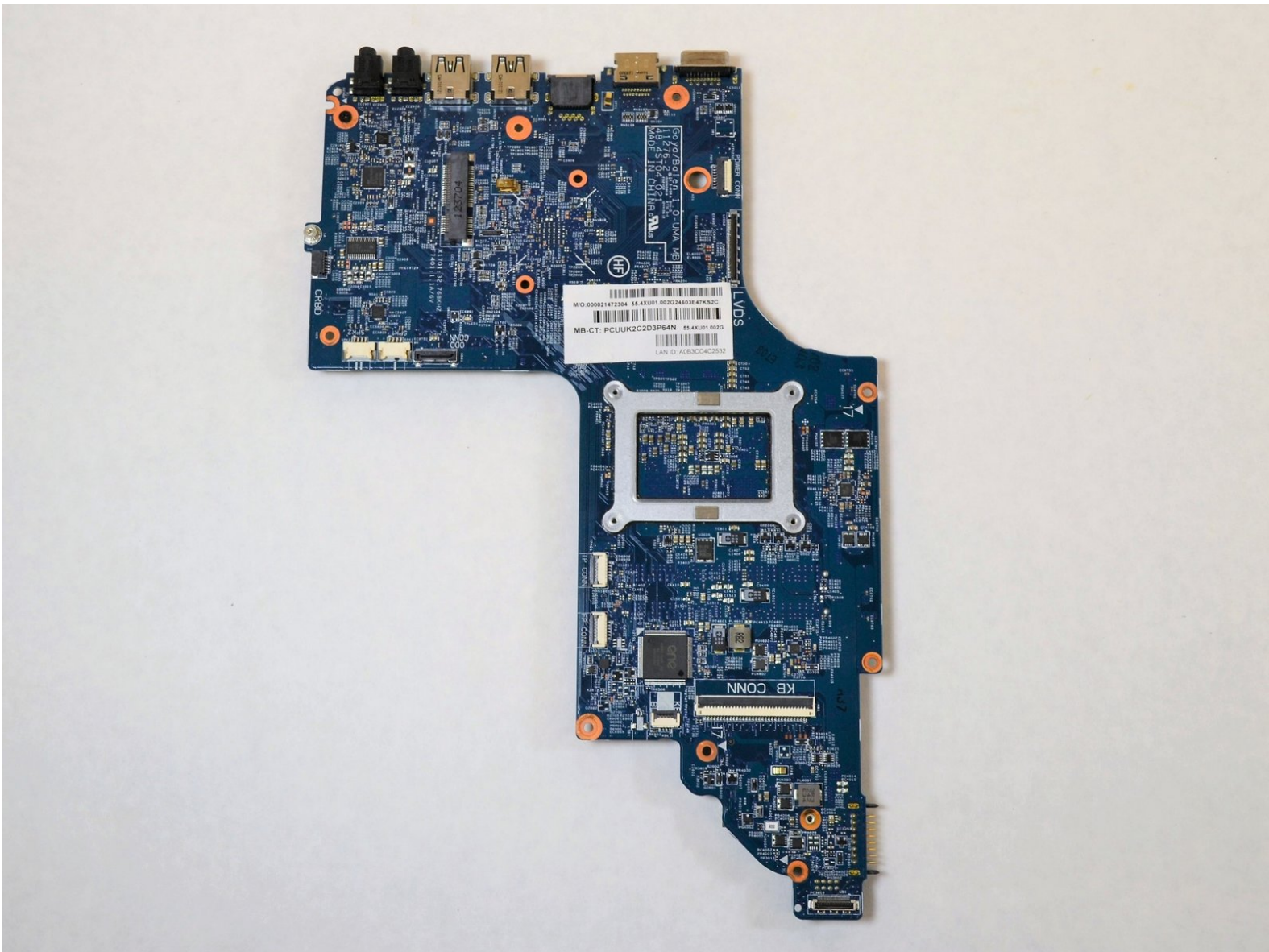




HP Envy dv7t-7200 Motherboard Replacement

Use this guide to replace a faulty motherboard on your HP Envy dv7t-7200 if you want an updated processor or if your motherboard shorted out.

Written By: Krystal



INTRODUCTION

Use this guide to replace a faulty motherboard on your HP Envy dv7t-7200 if you want an updated processor or if your motherboard shorted out.

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Metal Spudger](#) (1)
-

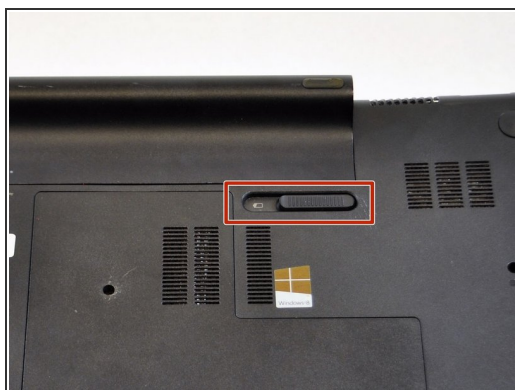
Step 1 — Battery



 Turn the power off and disconnect all cables and cords from the laptop.

- Place the computer on its top on a flat surface with the hinges facing away from you.

Step 2



- Slide the battery release latch to the left which is located on the right-hand side of the battery.

Step 3



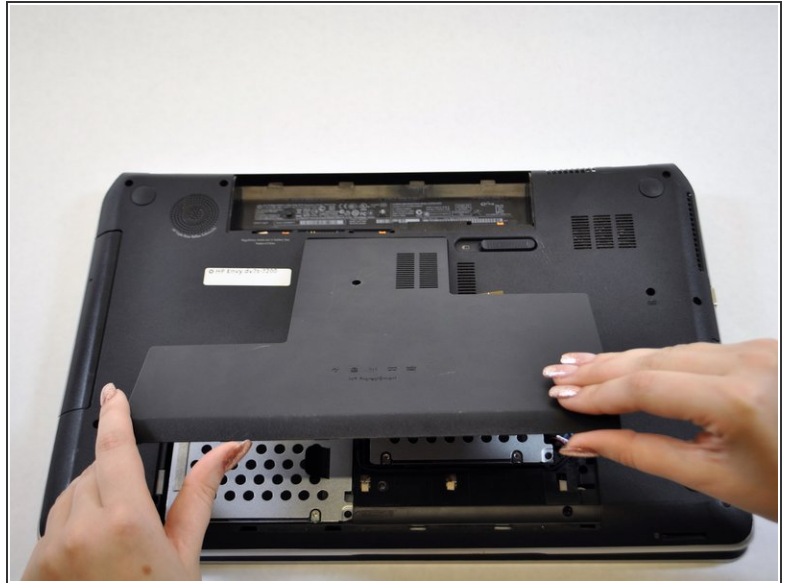
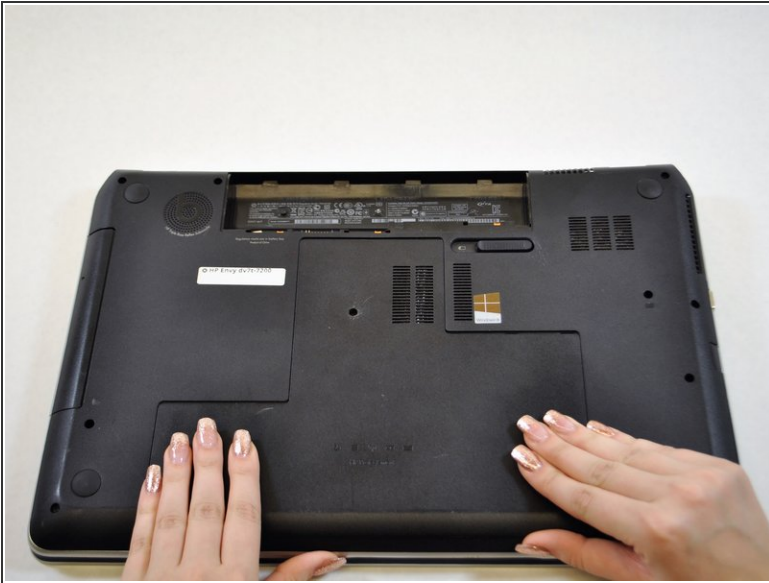
- Tilt the battery away from you and lift out.

Step 4 — Service Cover



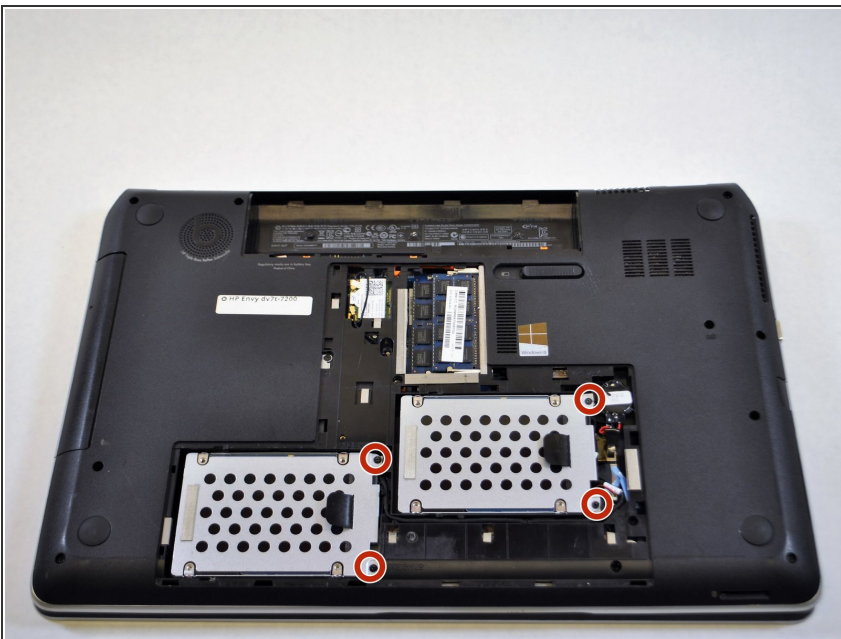
- Using a Phillips #01 screwdriver, remove the Phillips PM2.5×5.5 screw on the service cover.
- ⓘ This screw does not come out of the service cover completely once loosened.

Step 5



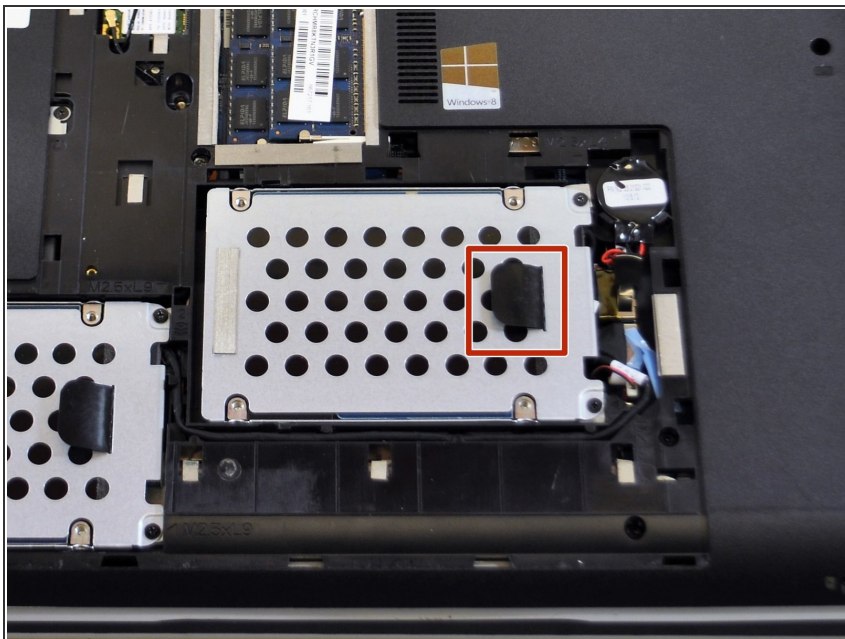
- Slide the service cover toward the front of the laptop.
- Lift the service cover to remove it from the laptop.

Step 6 — Hard Drive



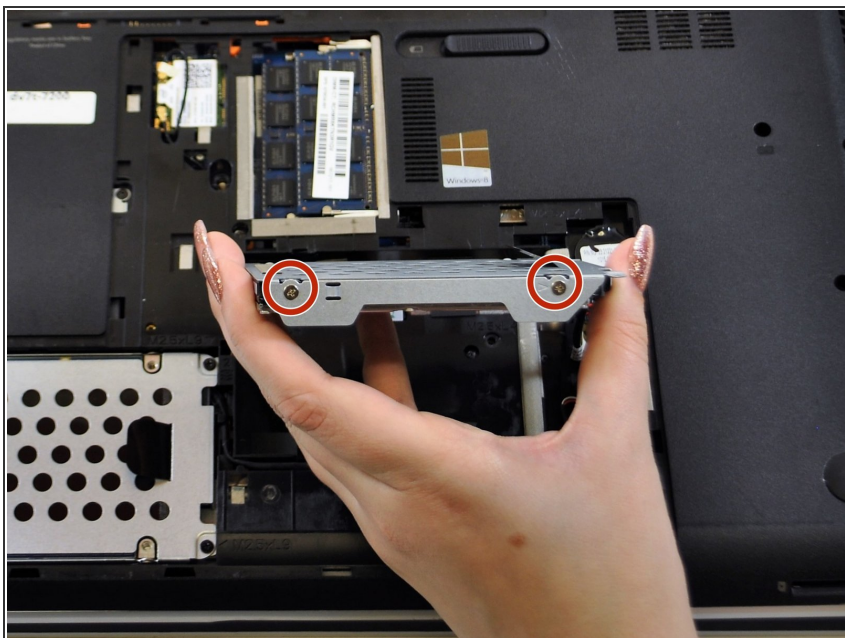
- Remove the 2 Phillips PM2.5×5.5 top screws from brackets on both hard drives.

Step 7



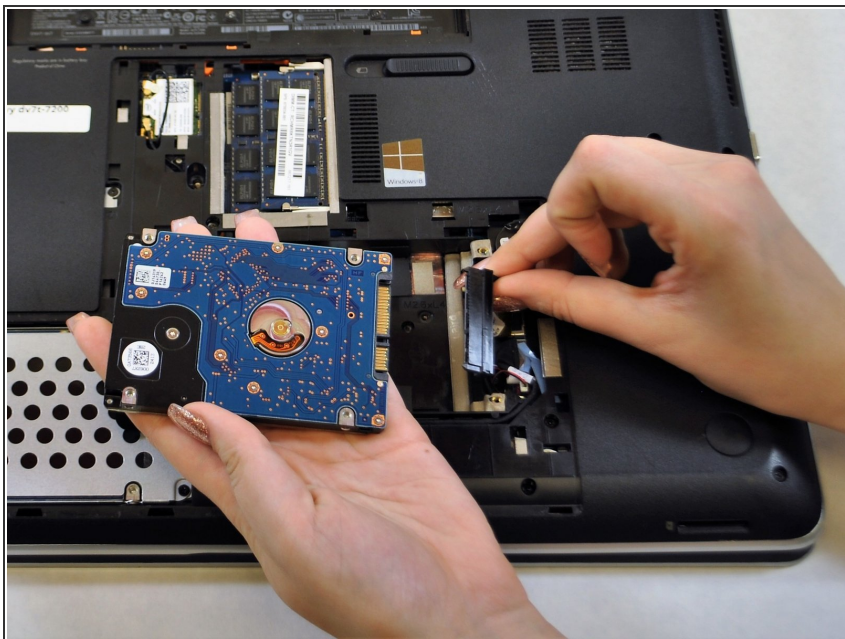
- ❗ Remove the primary drive first located on the right hand side.
- Use the black tab to lift the drive up and out.

Step 8



- Remove the 2 Phillips PM2.5×5.5 screws on each side of the drive bracket.

Step 9



- Remove the hard drive connector cable.
- ⓘ This cable can be difficult to remove. Try to pull this cable firmly and carefully.

Step 10



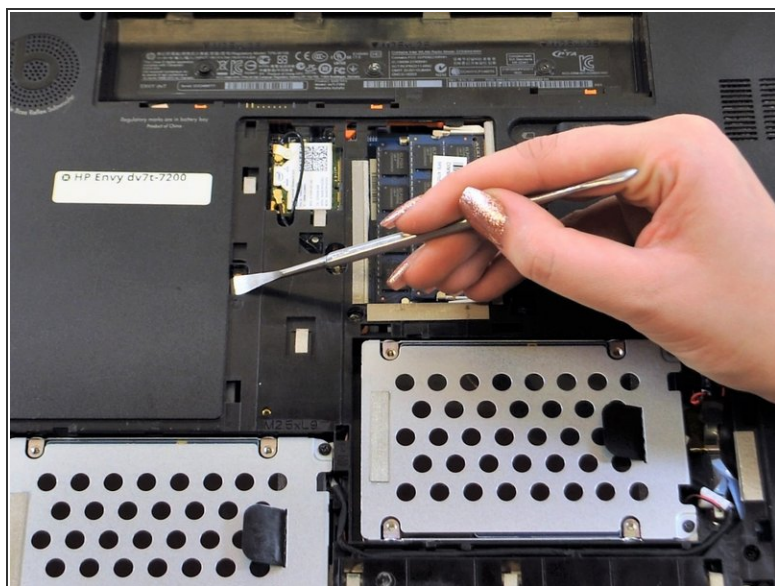
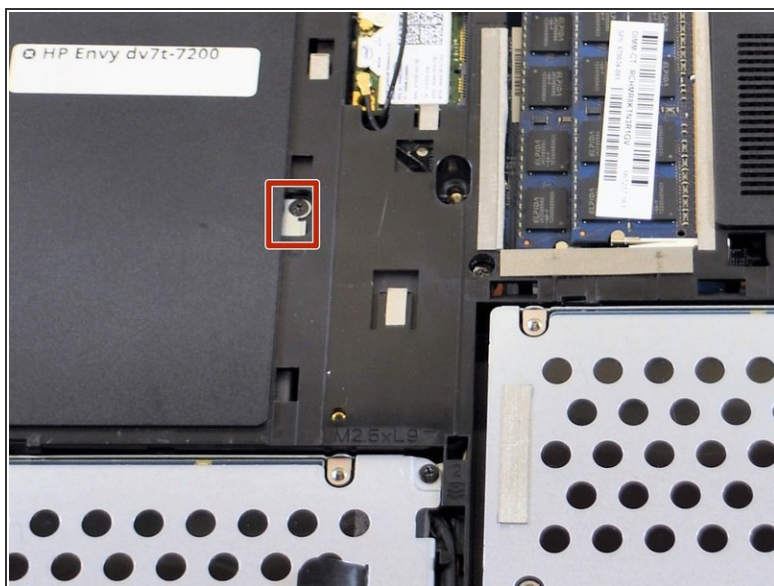
- Repeat steps 6-9 for the secondary hard drive.

Step 11 — Optical Disc Drive



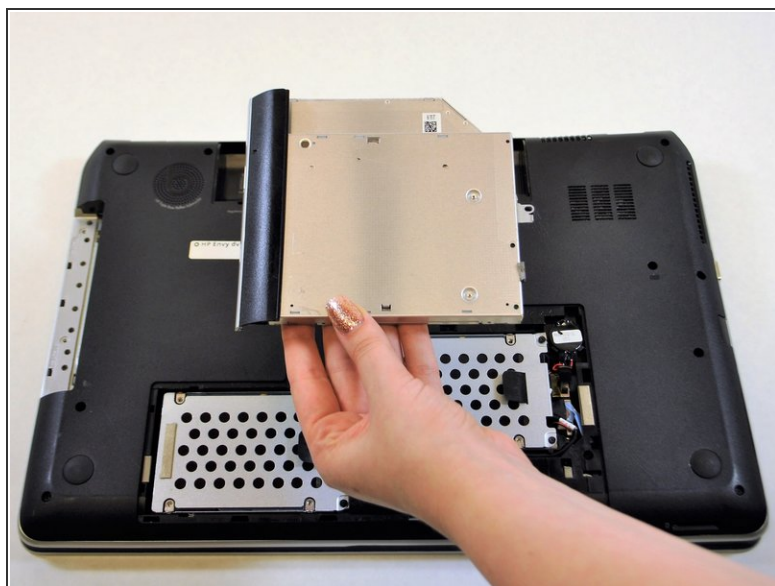
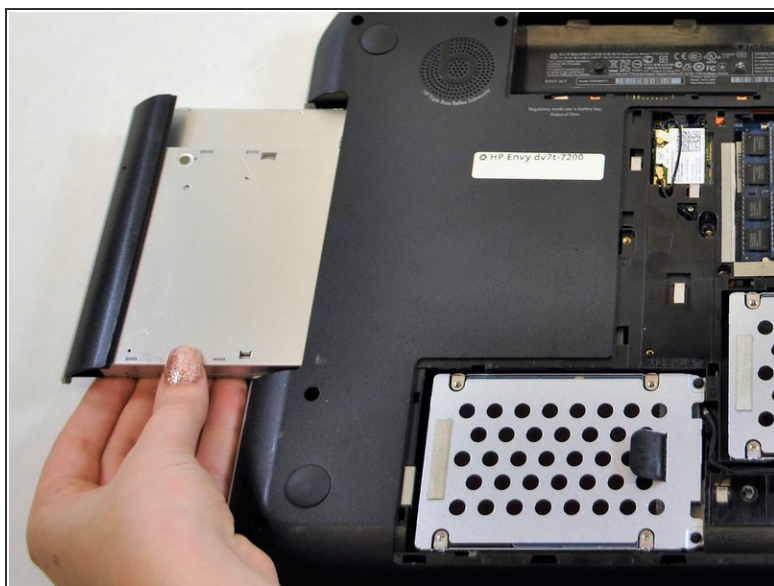
- Remove the Phillips PM2.5×4.0 screw that attaches the optical drive to the laptop.

Step 12



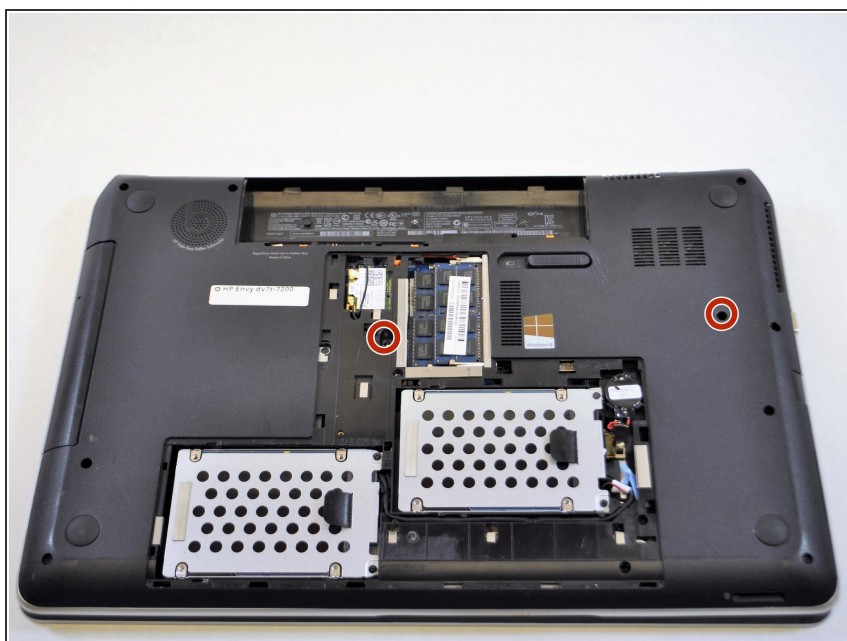
- Press the tab with a metal spudger that is located next to the screw to release the optical drive.

Step 13



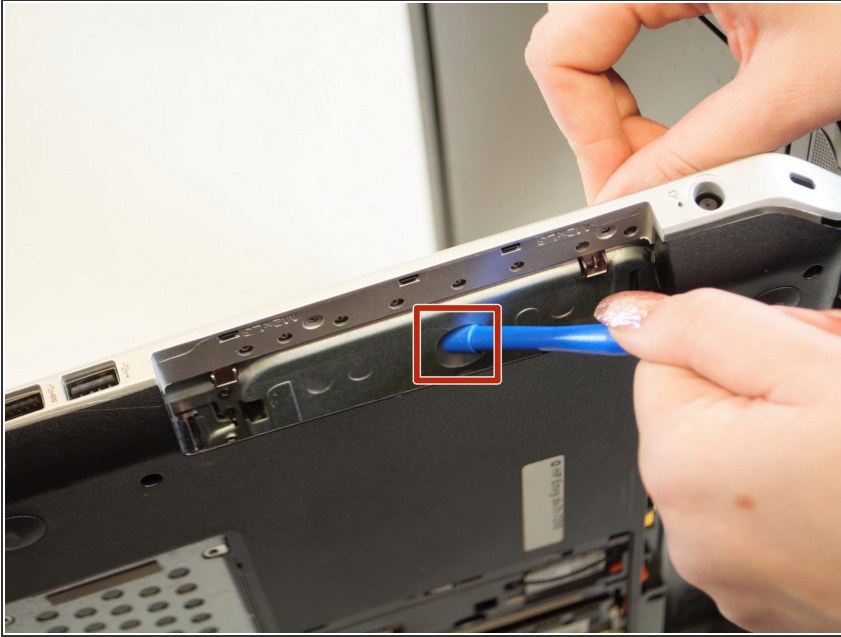
- Slide the disk drive out of the laptop.

Step 14 — Keyboard Assembly



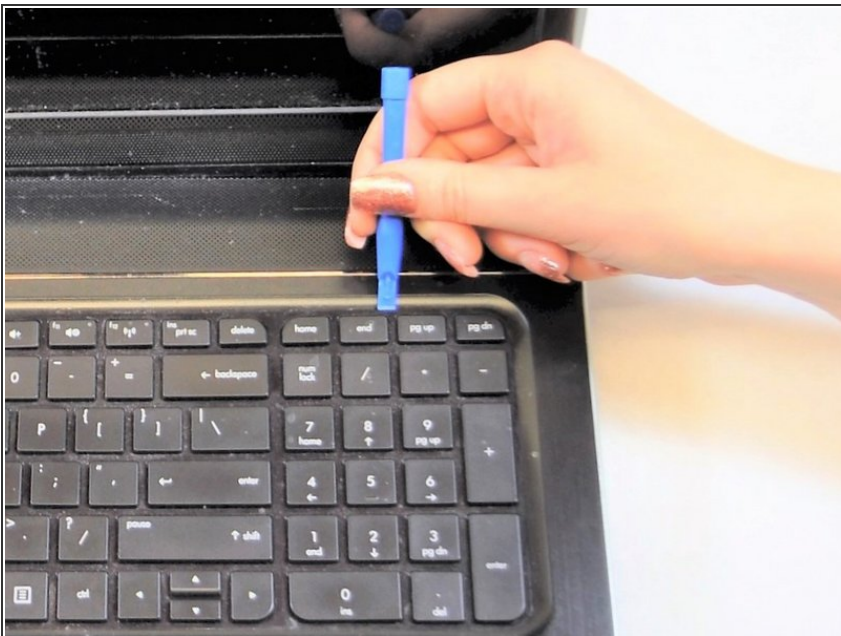
- Place the laptop on it's top
- Remove the two screws that secure the keyboard to the laptop.

Step 15



- Stand the laptop on it's left side with it's top open.
- Locate the circular opening in the optical drive slot.
- Using a plastic opener, press on the keyboard through this opening until it lifts the keyboard away.

Step 16



- Place the laptop on it's back with the front facing you.
 - Using a plastic opener, lift the back of the keyboard towards you releasing it from the lip that holds it.
- i** You will hear slight popping noises as the keyboard separates.

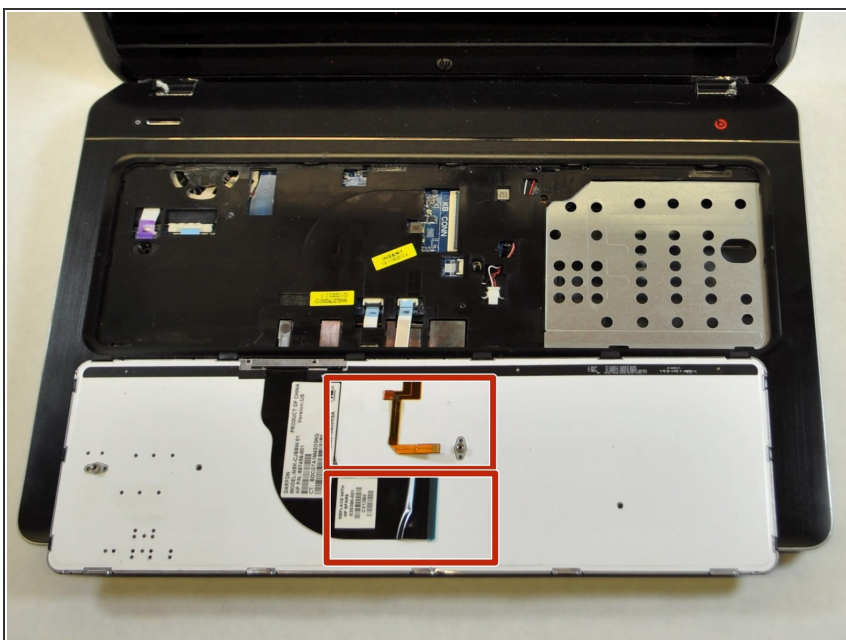
Step 17



 The keyboard is still attached by two ribbon cables. Lift the keyboard slowly during this step.

- Lift keyboard up and place upside down on laptop.

Step 18



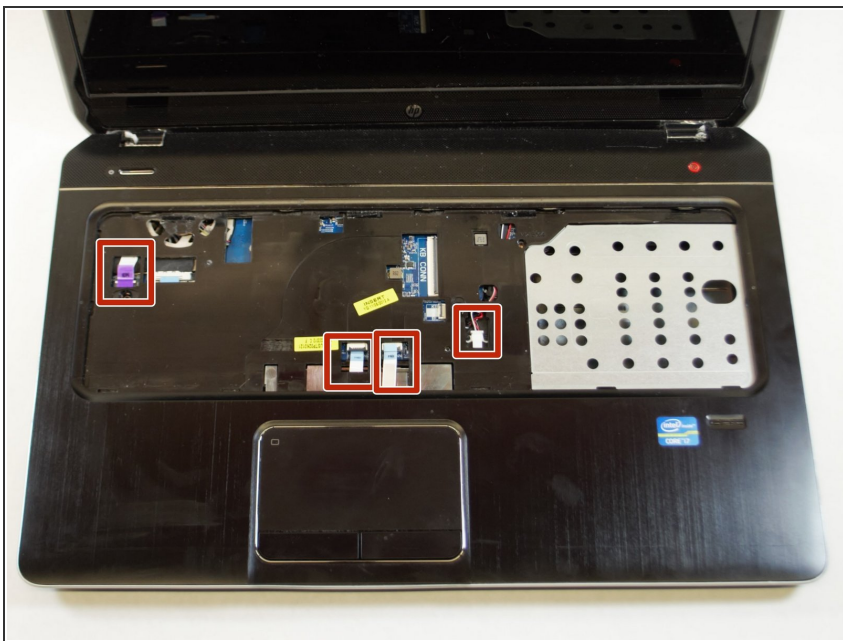
- Release the connectors that attach the keyboard to the laptop.

Step 19



- Remove the keyboard.

Step 20 — Motherboard



- Disconnect the four tabs shown from the laptop.

Step 21



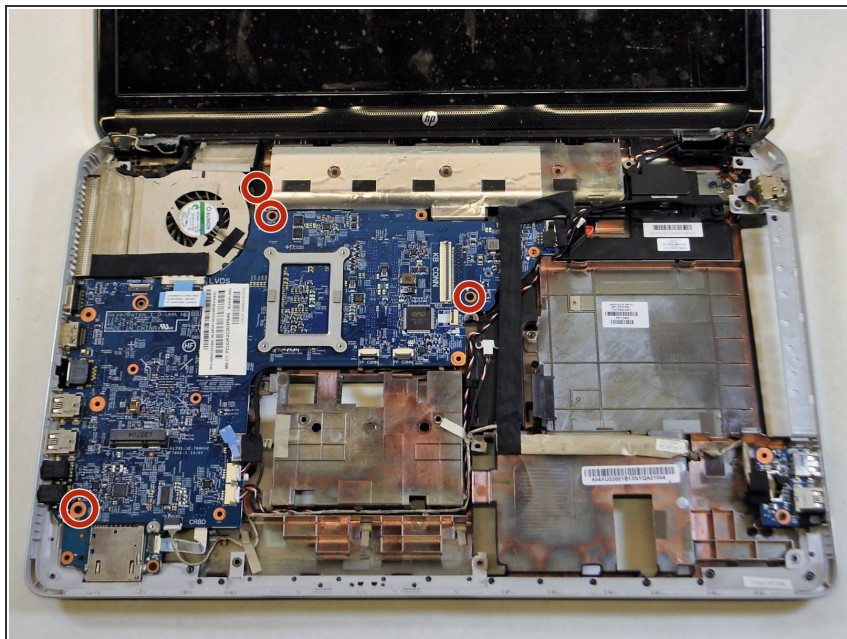
- Remove the screw located to the upper left of the disc drive.

Step 22



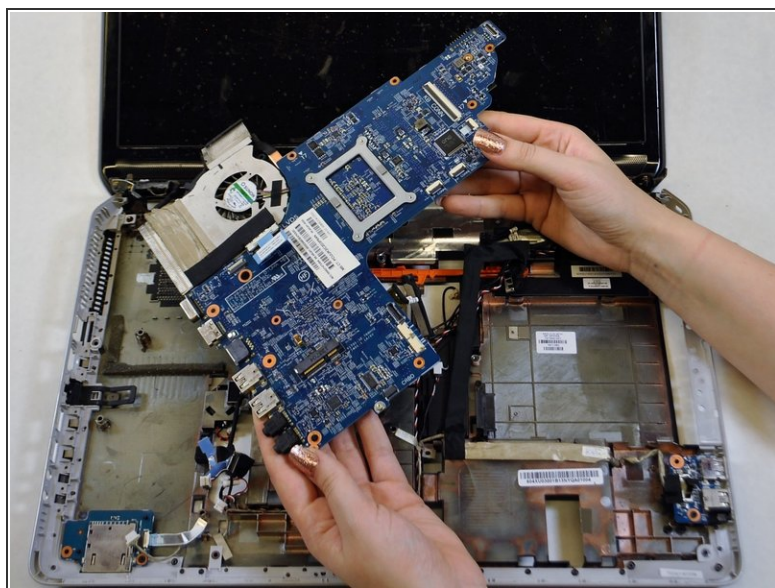
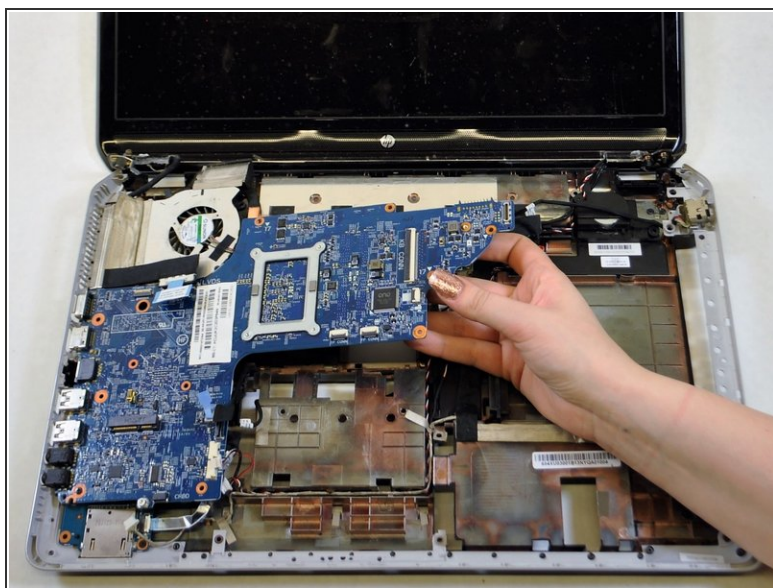
- Pry open the top panel of the laptop with a metal spudger.

Step 23



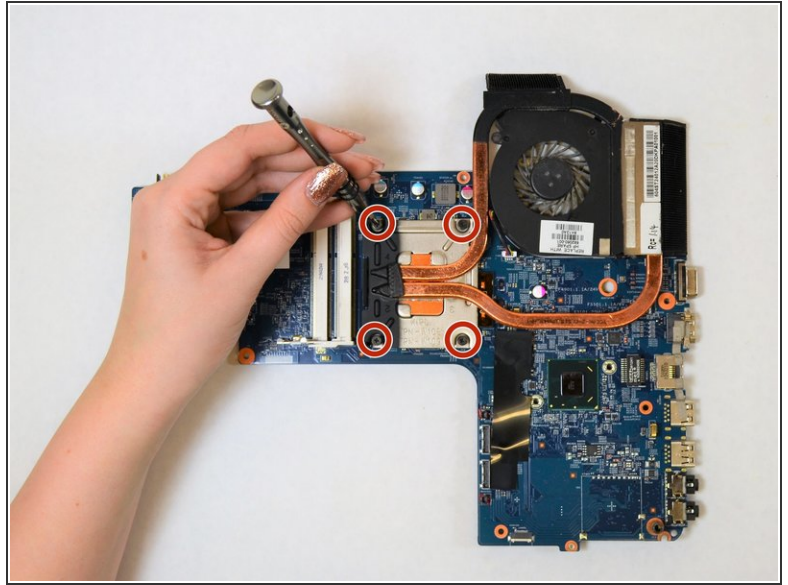
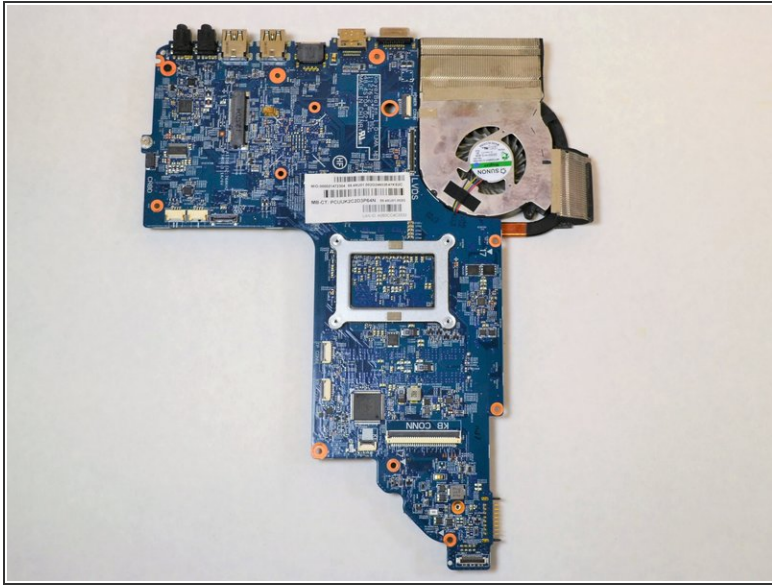
- Remove the screws that hold the motherboard to the frame

Step 24



- Lift the right side of the motherboard
- Slide the motherboard at this angle toward the right

Step 25



- Turn the motherboard over
- Remove the screws that hold the motherboard and the fan together.

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