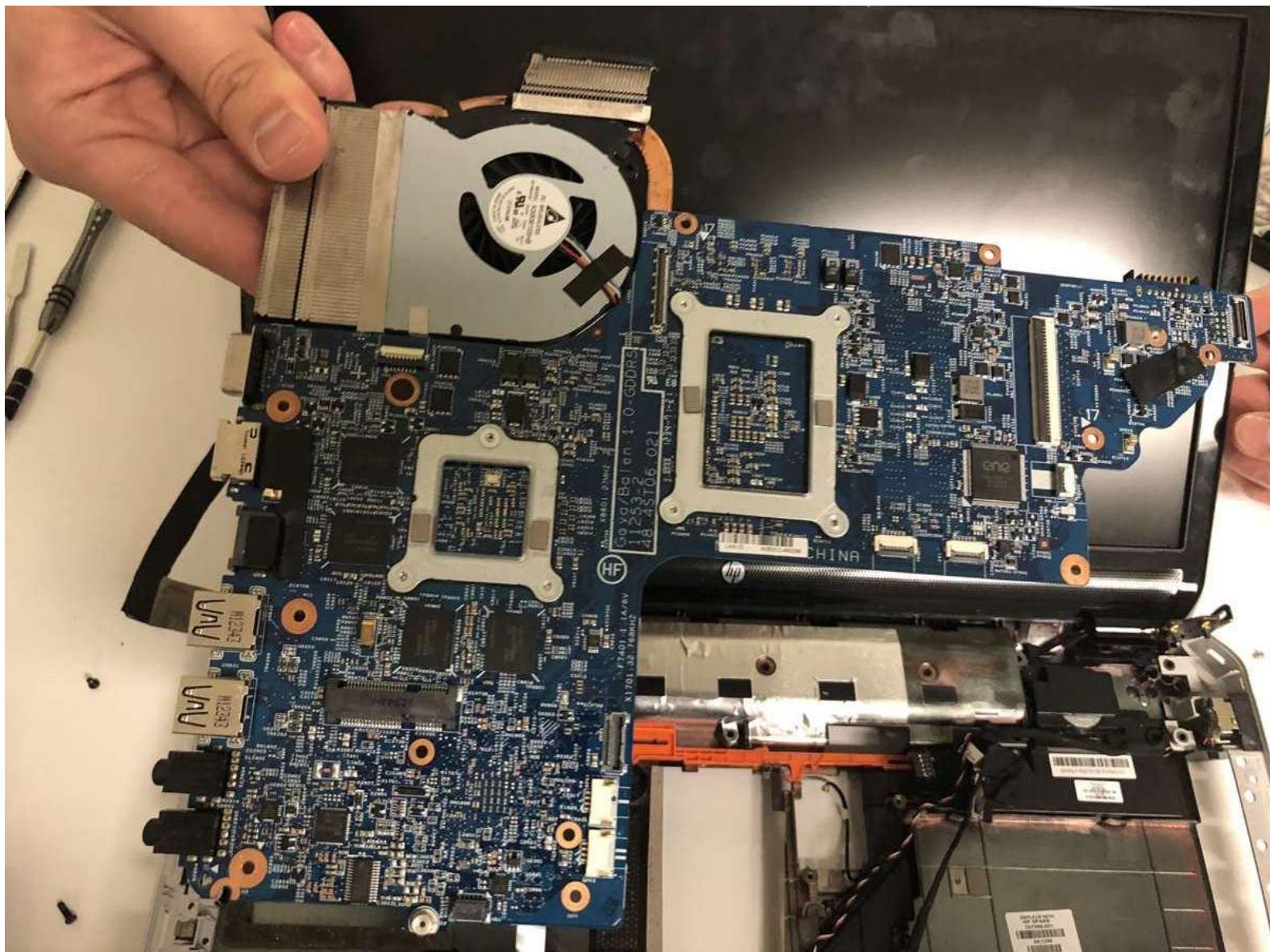




HP Pavilion dv7t-7000 Motherboard Replacement

A replacement guide for the motherboard of the HP Pavilion dv7t-7000

Written By: emmanuella Dickson-itua



INTRODUCTION

A replacement guide for the motherboard of the HP Pavilion dv7t-7000

TOOLS:

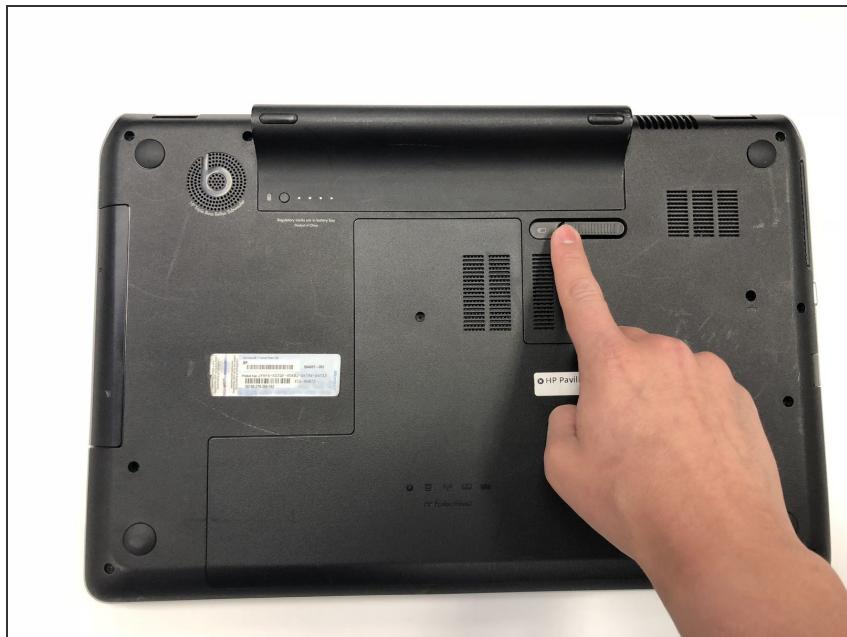
- [Spudger \(1\)](#)
- [Metal Spudger \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)

Step 1 — Battery



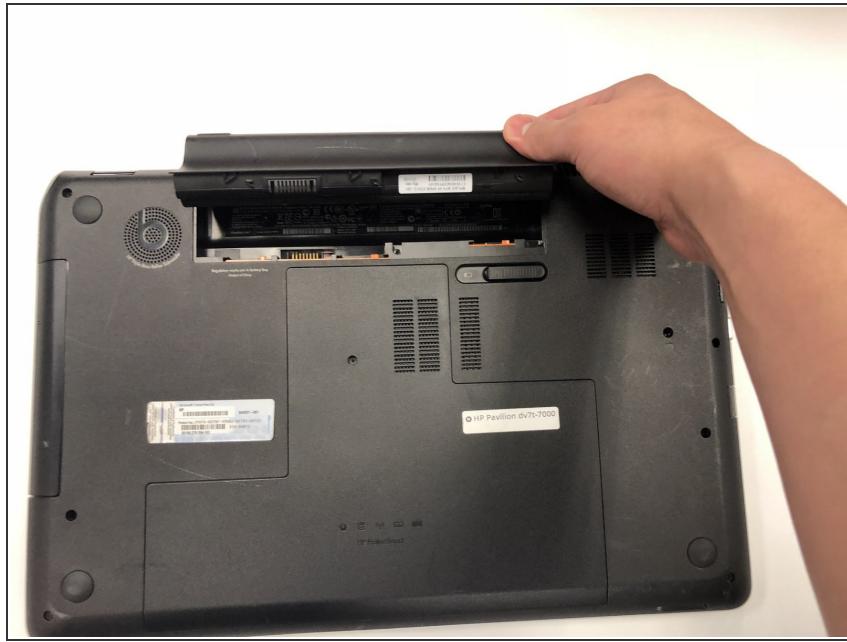
- Turn the computer off and disconnect it from all power sources.

Step 2



- Slide the battery release switch to the left.

Step 3



- Hold the release switch all of the way to the left and your other hand to pull the battery out.

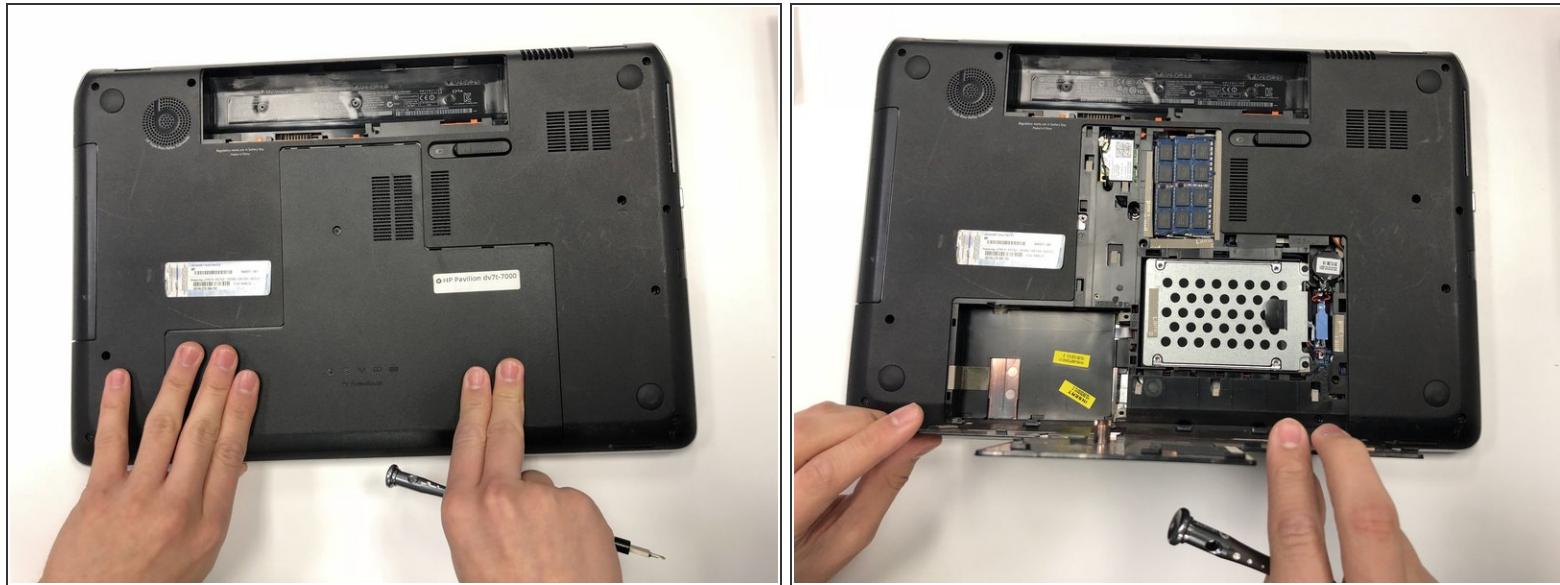
Step 4 — Back Panel



- Unscrew the single Phillips #00 screw.

i Screw will not come out, it is connected to the panel

Step 5



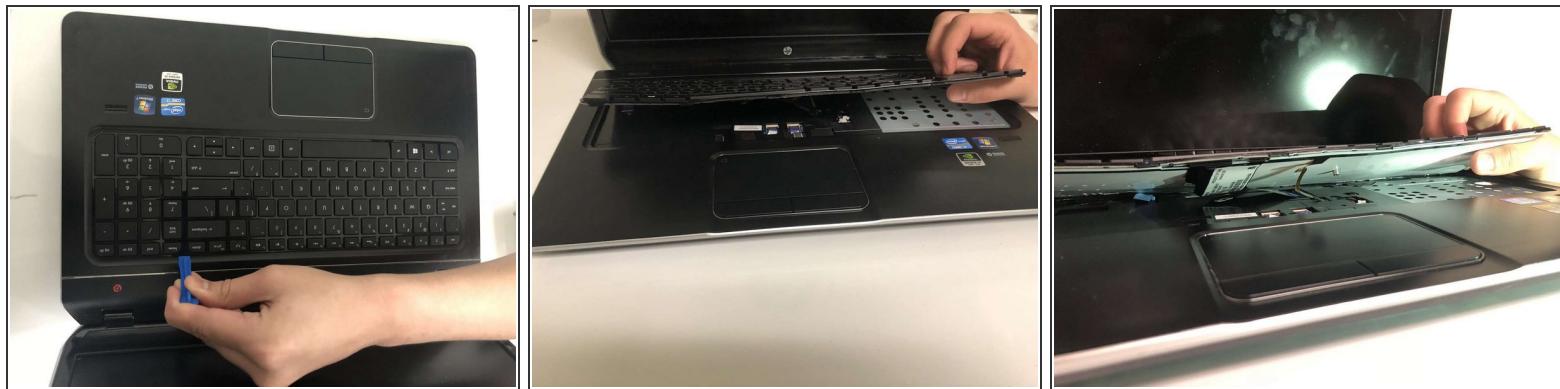
- Remove service hatch by sliding away from the computer and lifting up.

Step 6 — Keyboard



- Remove the single Phillips #00 screw.
- Flip the laptop over.

Step 7



- Wedge a spudger in between the keyboard and palm rest bezel.
- Pry upward to release the keyboard clips.

⚠ The keyboard is plugged into the motherboard, so be careful not to pull out while lifting keyboard.

Step 8



- Use the flat end of a spudger to flip up the black tab on the ZIF connectors.
- Pull the ribbon cables out of the ZIF connectors.
- Remove the keyboard.

Step 9 — RAM



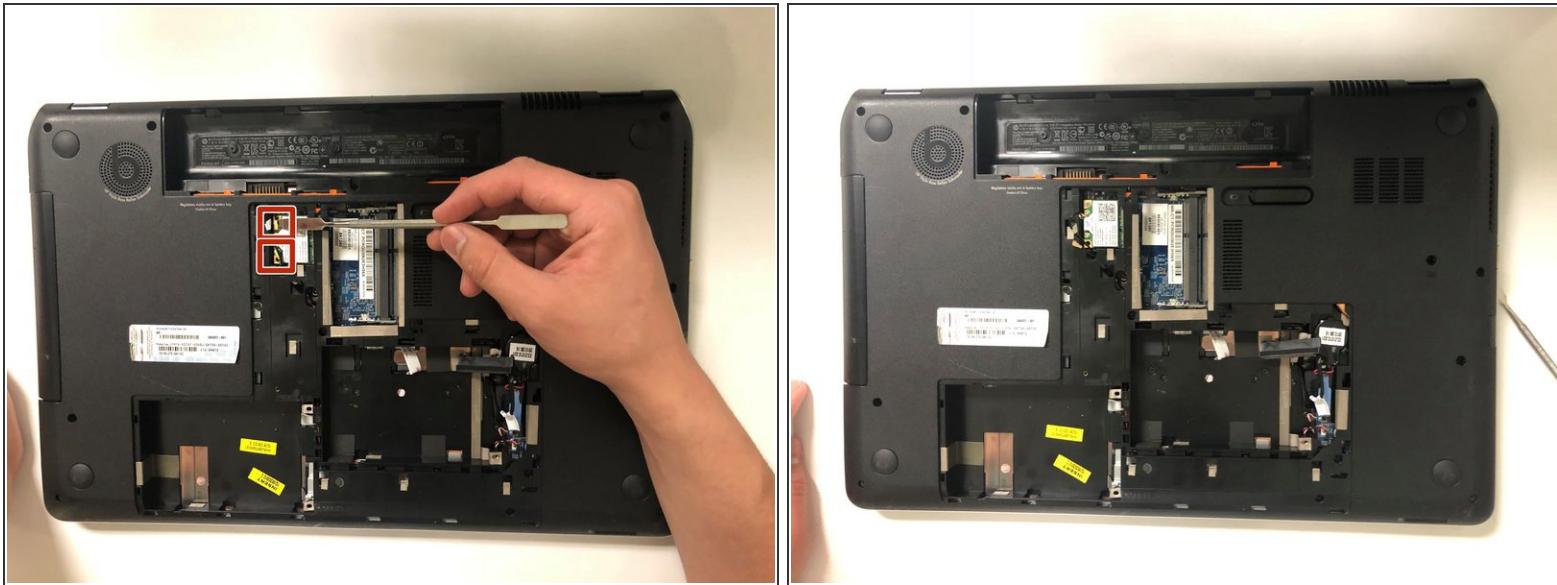
- Push the restraining springs away from the RAM at the same time to unlock the RAM.

Step 10



- Pull the RAM out.
- Follow the same procedure for the additional RAM.

Step 11 — Wi-Fi Card



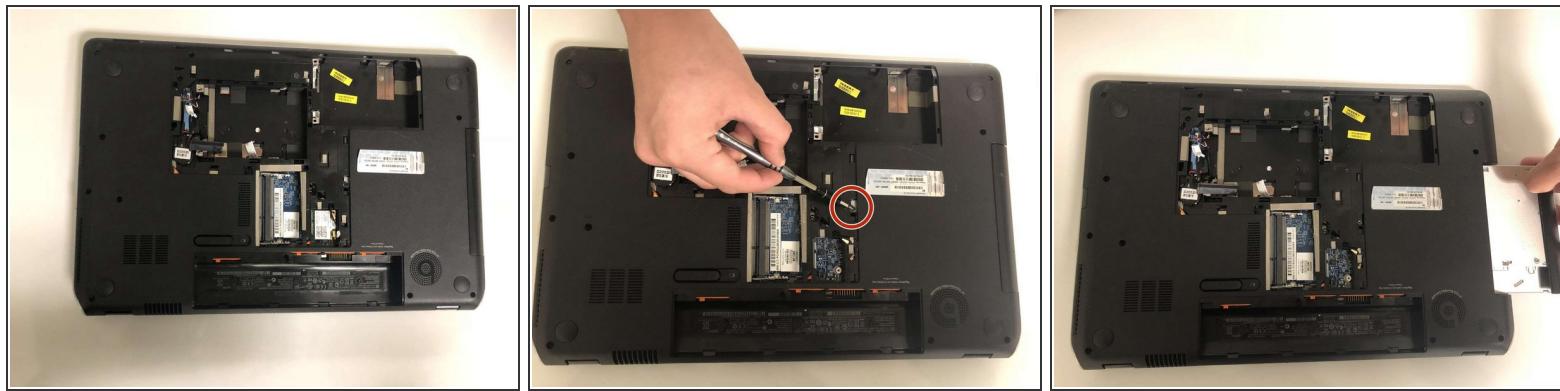
- Use the flat end of a spudger to pop off the antenna connectors.

Step 12



- Remove single Phillips #00 screw.
- Pull the card out by hand.

Step 13 — Palm Rest



- Flip the keyboard back over.
- Remove the single Phillips #00 screw holding in the CD drive.
- Pull out the CD drive.

Step 14



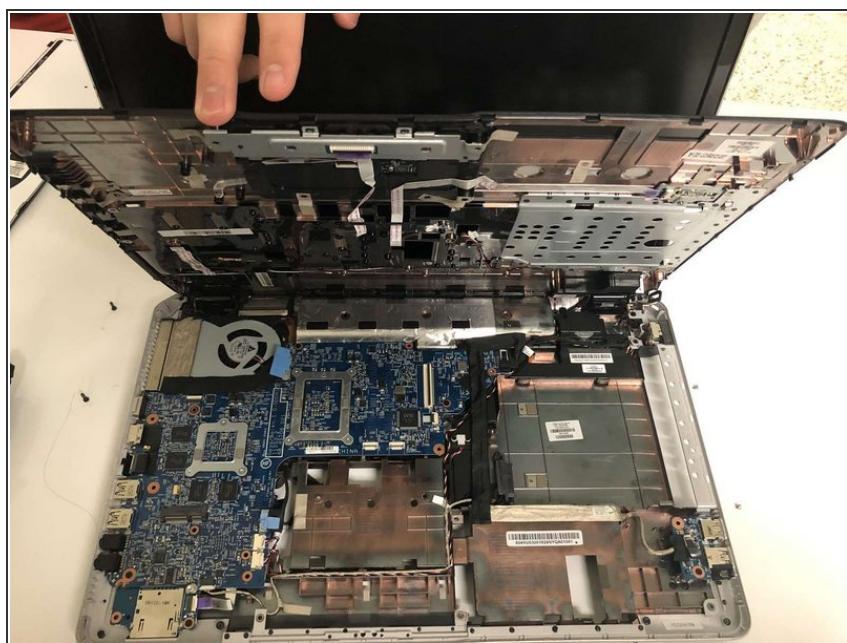
- Remove the seventeen Phillips #00 screws securing the back panel to the laptop.

Step 15



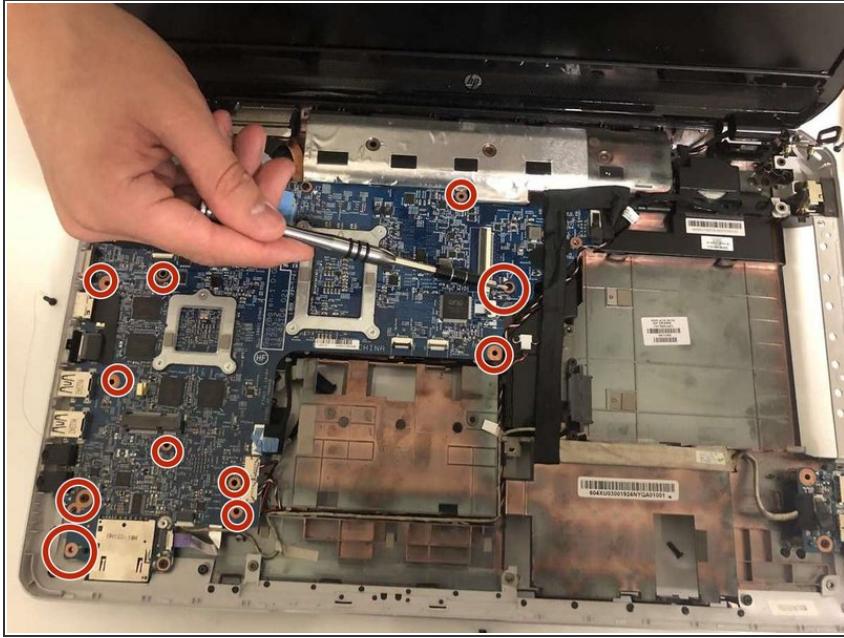
- Flip the laptop over.
- Remove the single Phillips #00 screw.

Step 16



- Remove the panel by lifting it up.

Step 17 — Motherboard



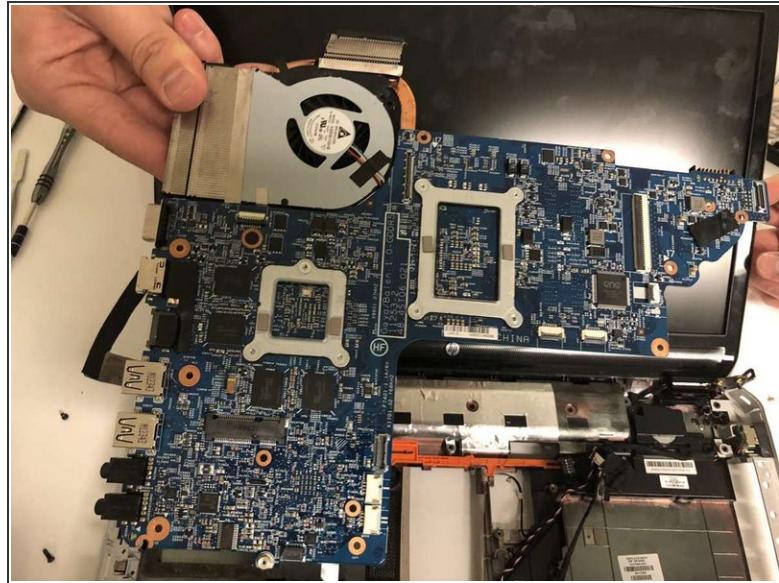
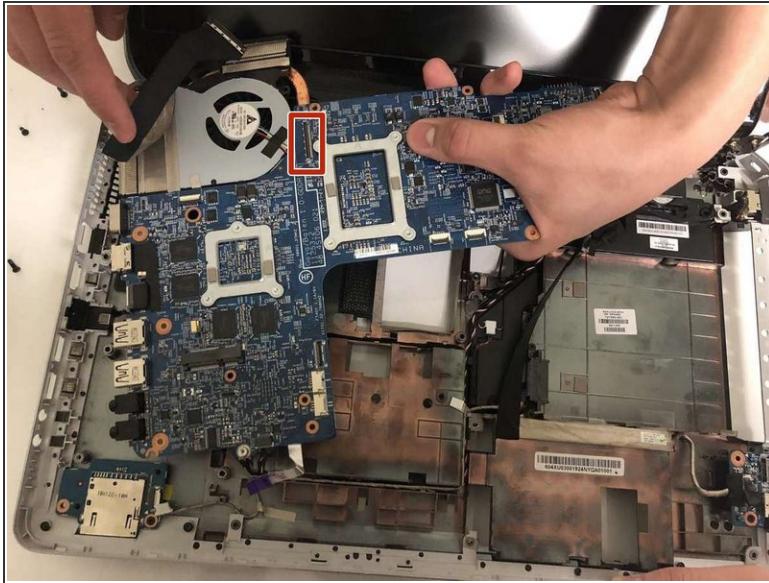
- Remove the eleven Phillips #00 screws.

Step 18



- Use the flat end of a spudger to disconnect all wires connected to the motherboard.

Step 19



- Lift up the black tab on the ZIF connector with the flat end of a spudger.
- Pull the ribbon cable out of the ZIF connector.
- Remove the fan from the laptop.

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