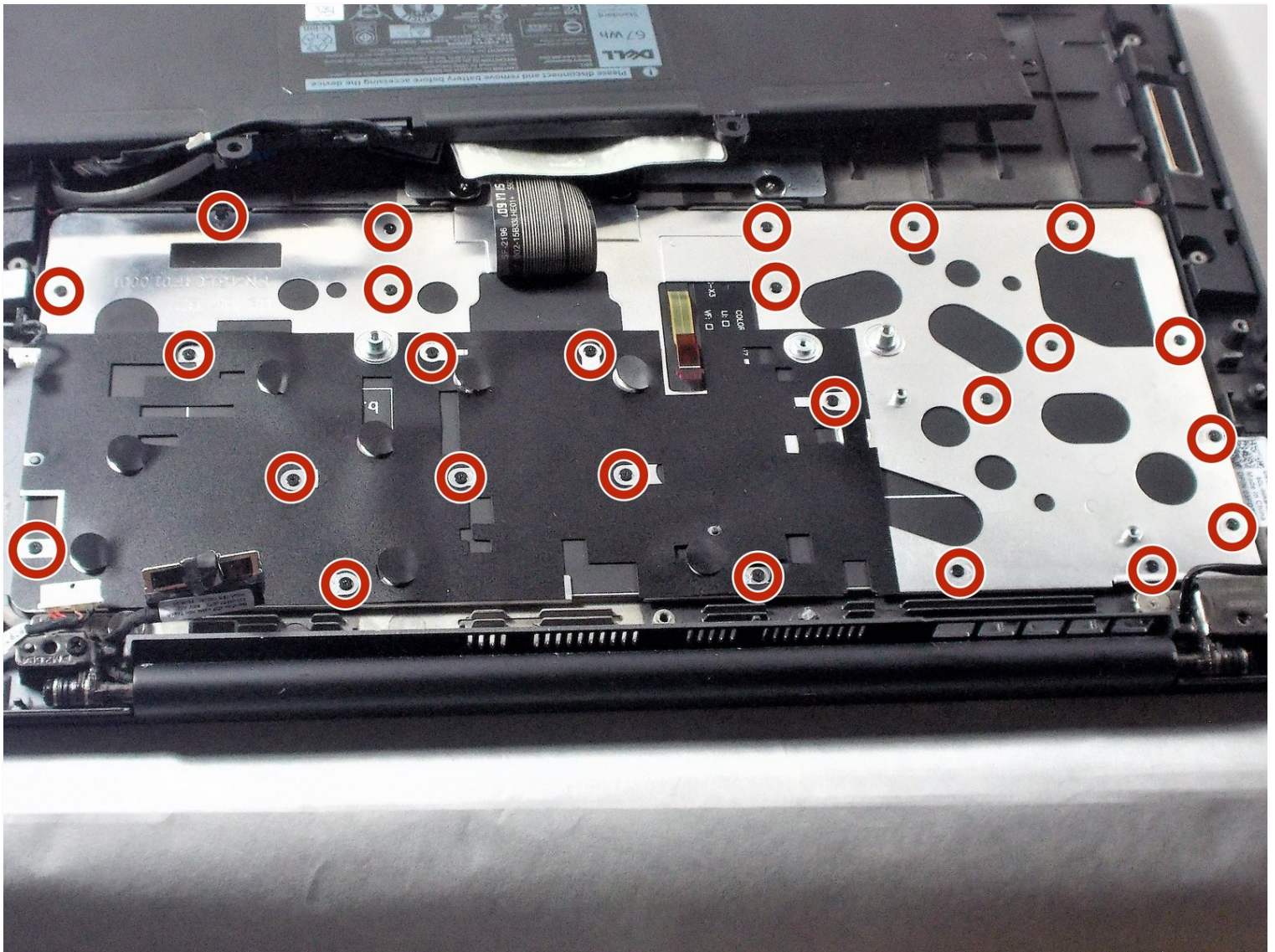




Dell Chromebook 13-7310 Keyboard Replacement

Having trouble with broken or stick keys on...

Written By: Damon



INTRODUCTION

Having trouble with broken or stick keys on your keyboard? This guide will provide you simple step-by-step instructions on replacing your keyboard for the Chromebook 13-7310.



TOOLS:

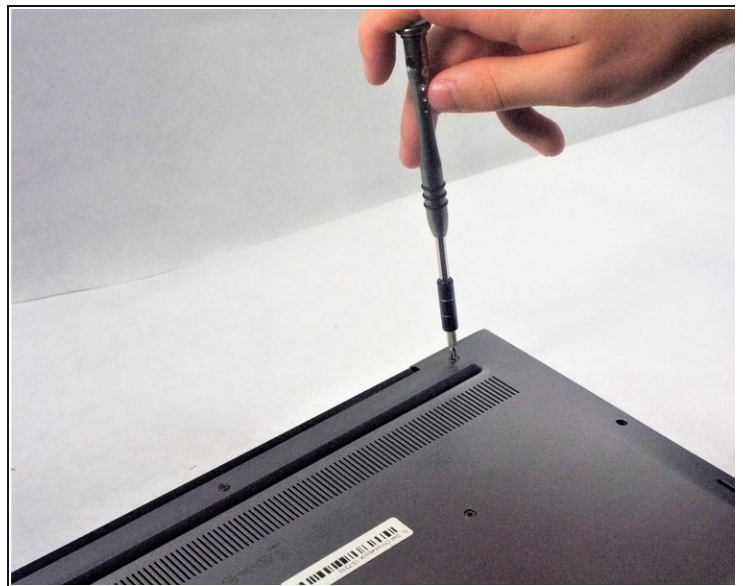
iFixit Opening Tool (1)
Phillips #0 Screwdriver (1)
Phillips #1 Screwdriver (1)
Spudger (1)



PARTS:

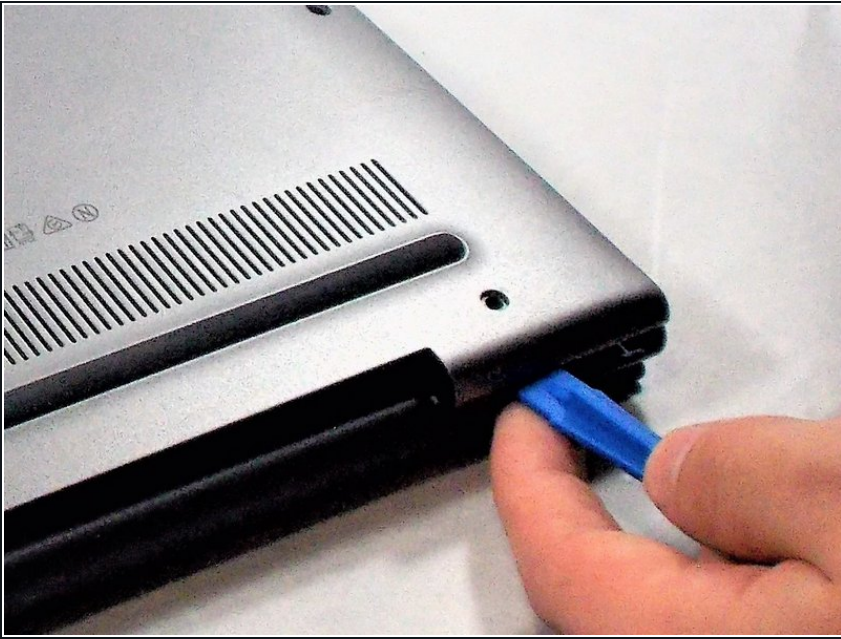
Dell Chromebook 13 7310 Keyboard - NVHD0 (1)

Step 1 — Back Cover



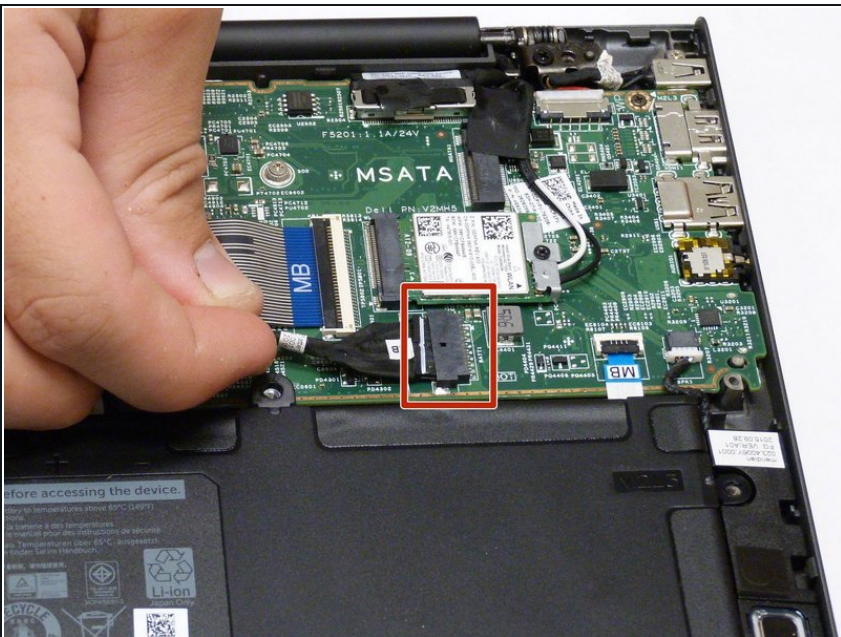
- Remove the eleven 3mm Phillips #1 screws.

Step 2



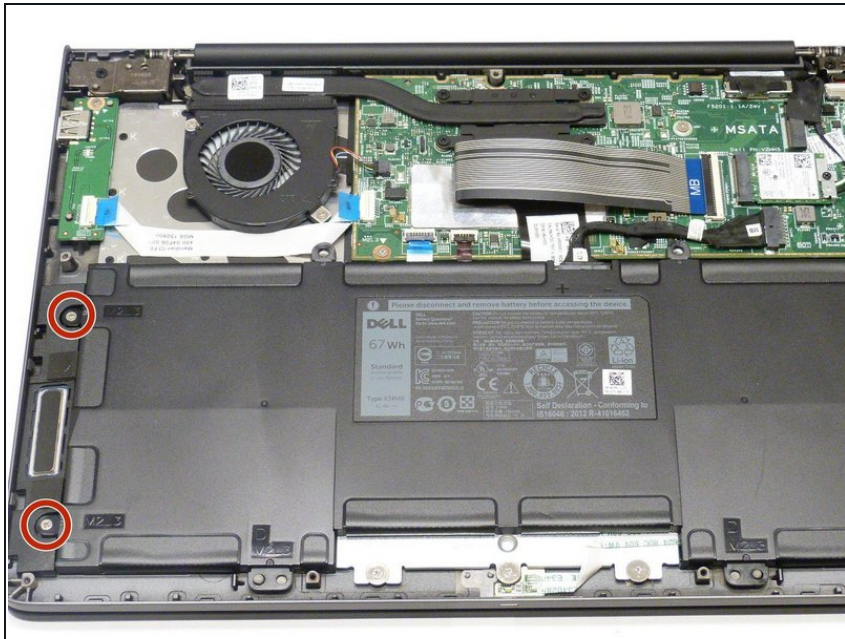
- Use a plastic opening tool to gently remove the back panel.
- ❗ It can be easier to pry open near a corner.

Step 3 — Battery



- Use your fingers to remove the connecting cable to the battery unit. Firmly grab the cord closest to the motherboard connection and pull straight back.

Step 4



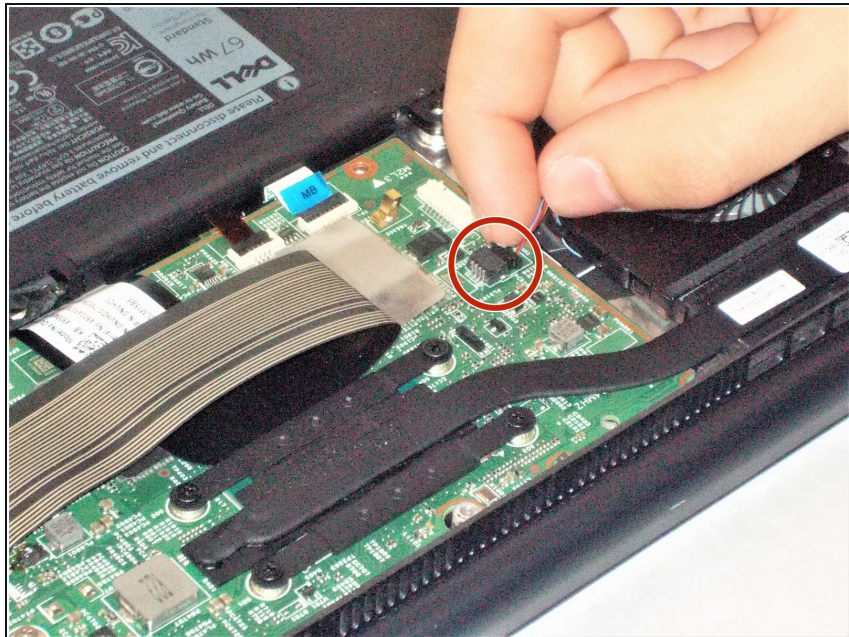
- Remove the four 2mm screws on the sides of the battery.

Step 5



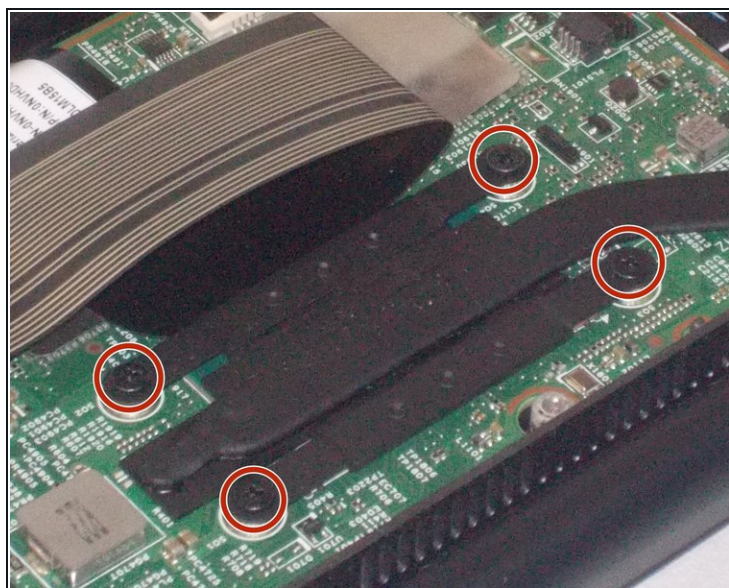
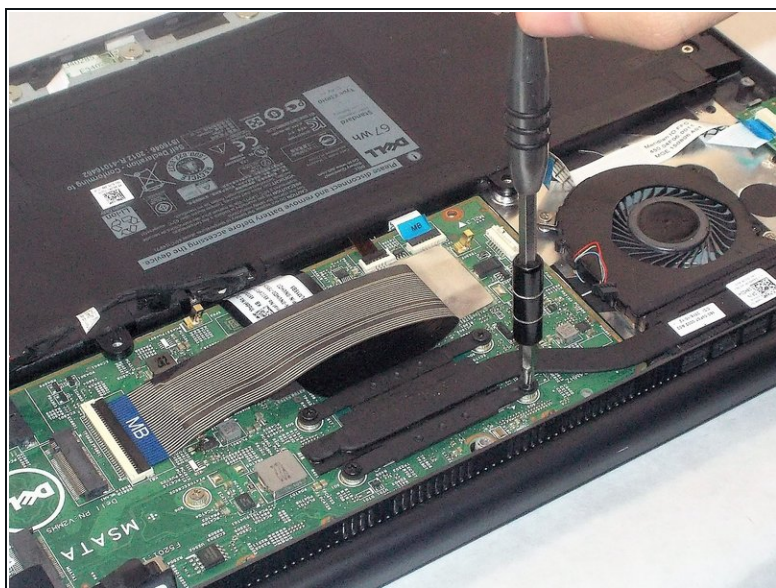
- To remove the battery, lift up on one side to get your fingers underneath and lift away.

Step 6 — Motherboard



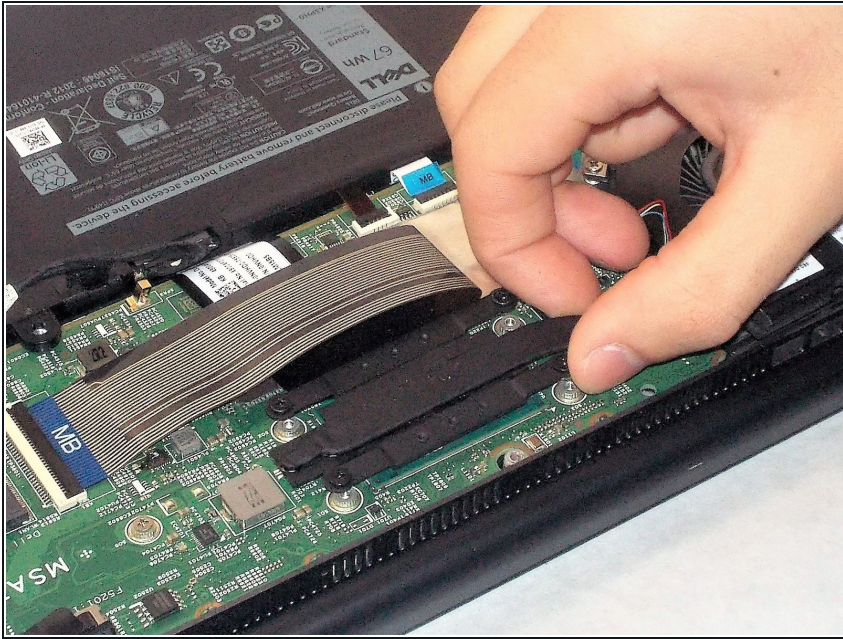
- Gently pull to unplug fan connector.

Step 7



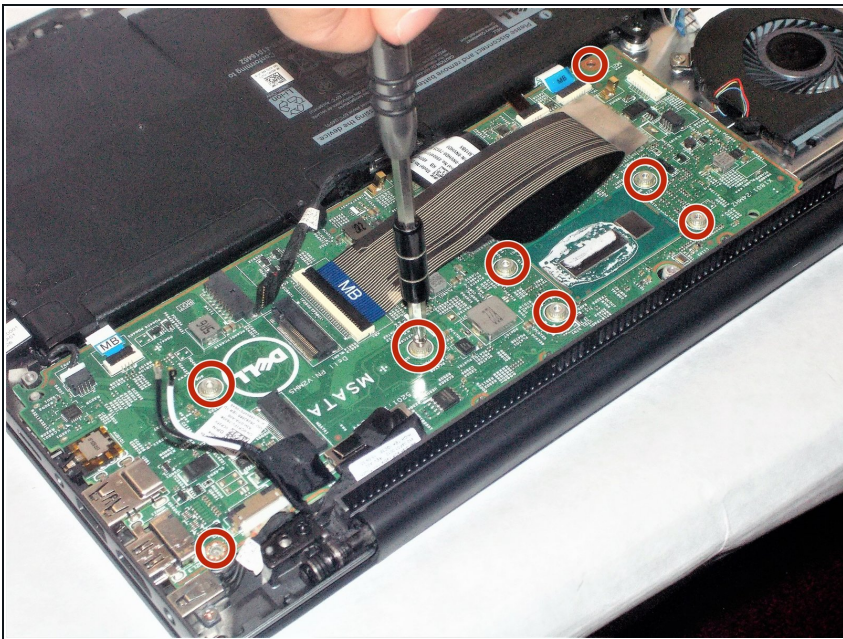
- Remove 4 screws securing heat sink.

Step 8



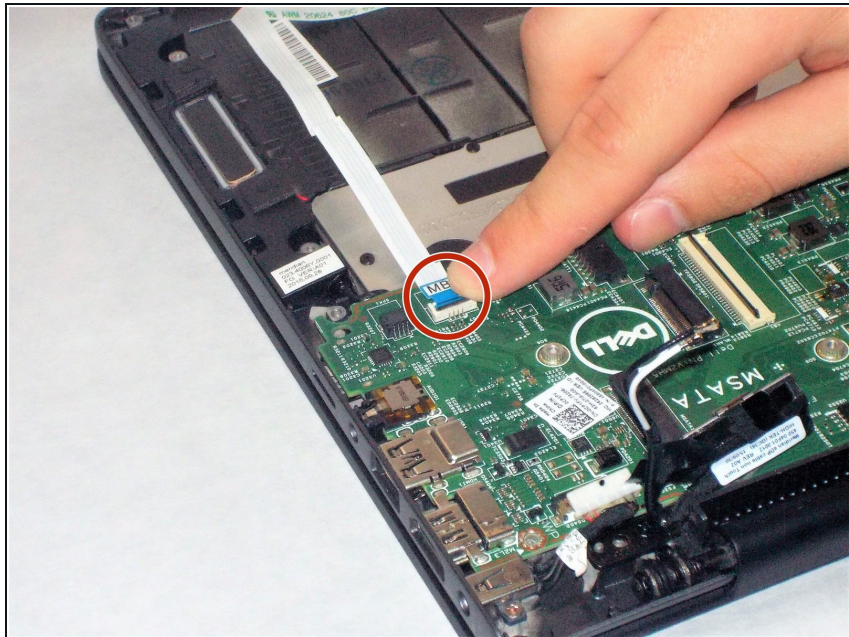
- Lift away heat sink.

Step 9



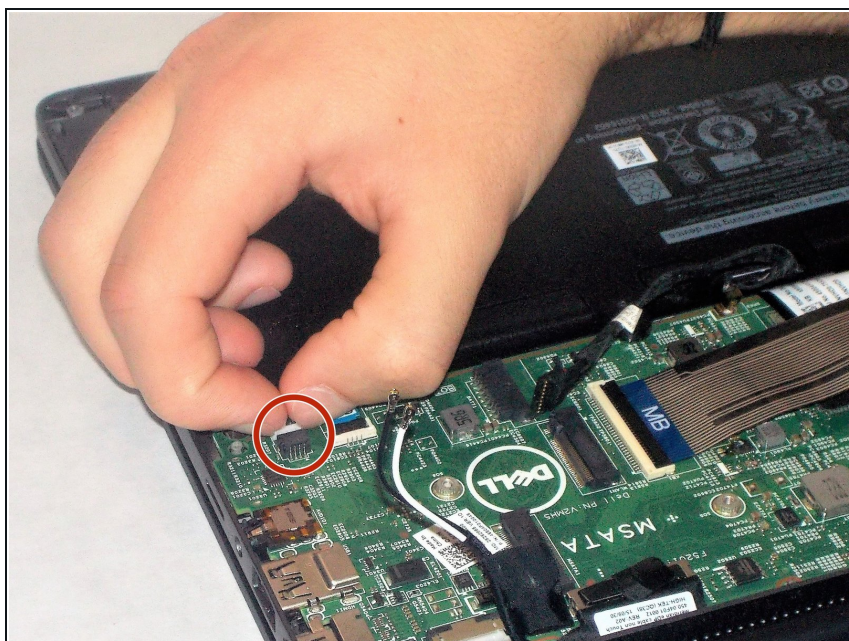
- Remove the eight 2mm screws securing the motherboard in place.

Step 10



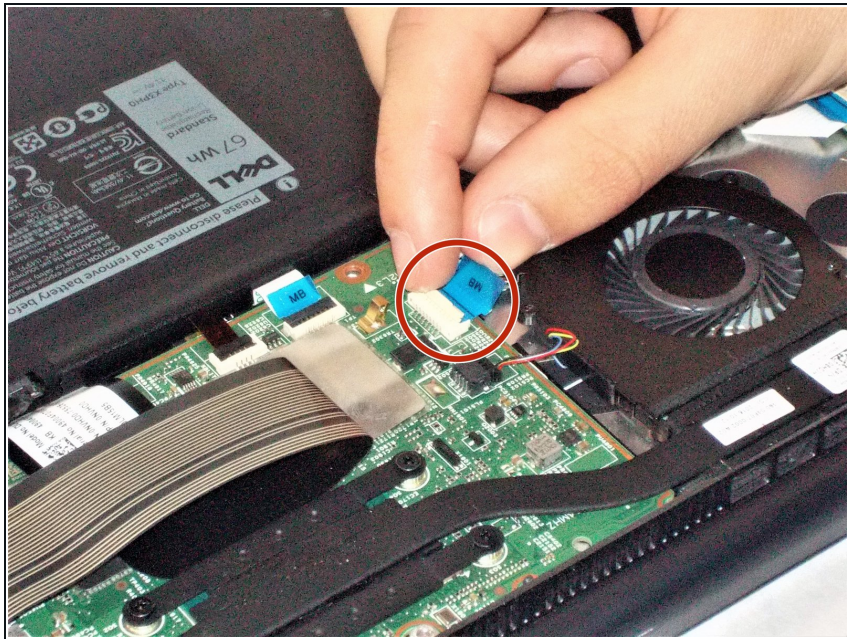
- Release cable for the LED charging indicator by pulling up on connector.

Step 11



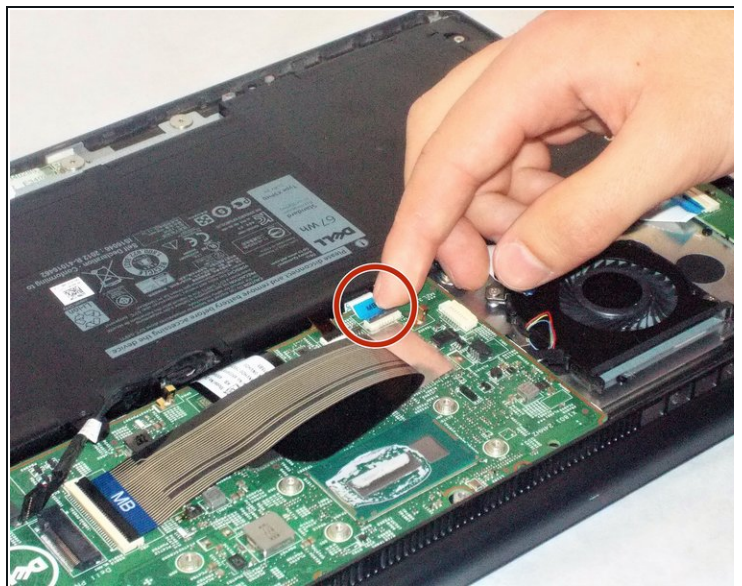
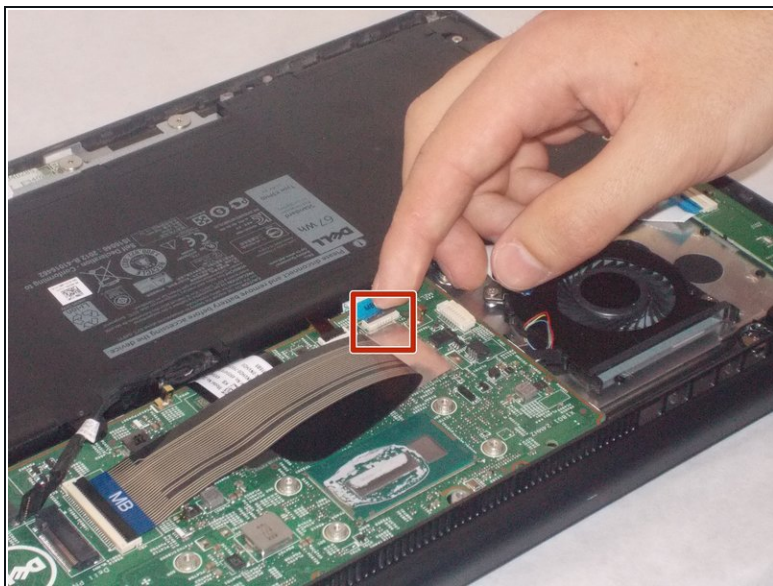
- Gently remove the cable.

Step 12



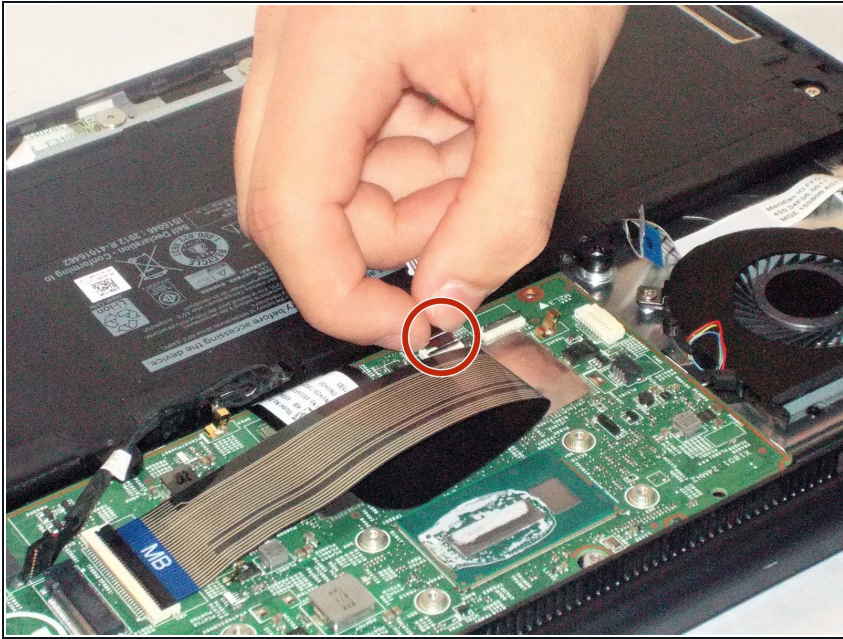
- Pull up on connector tab to release IO board cable.

Step 13



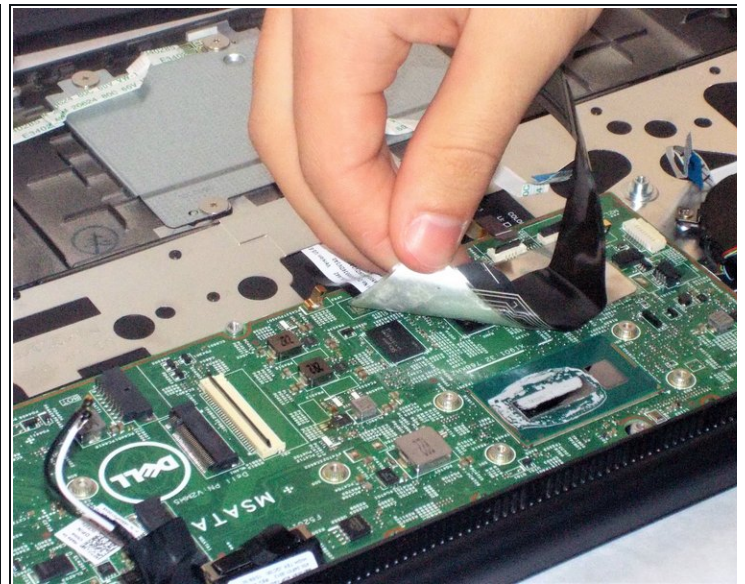
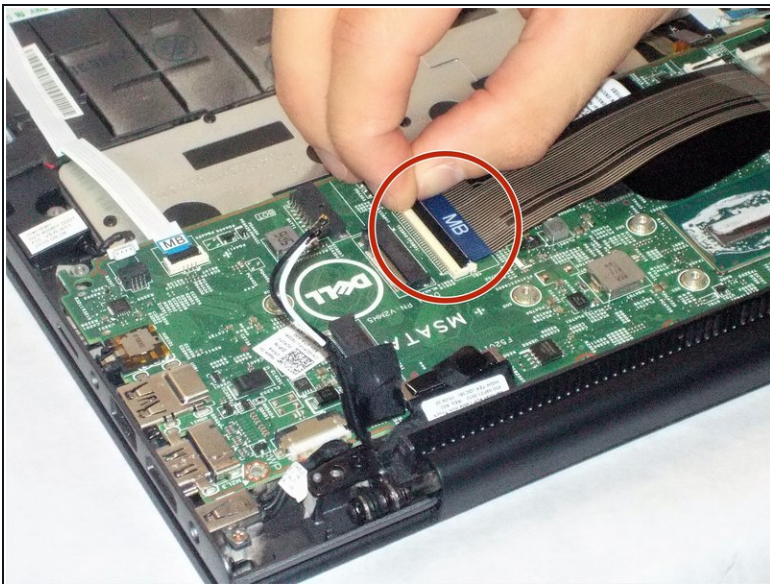
- Pull up on connector tab to release touchpad cable.

Step 14



- Release the keyboard backlight cable.

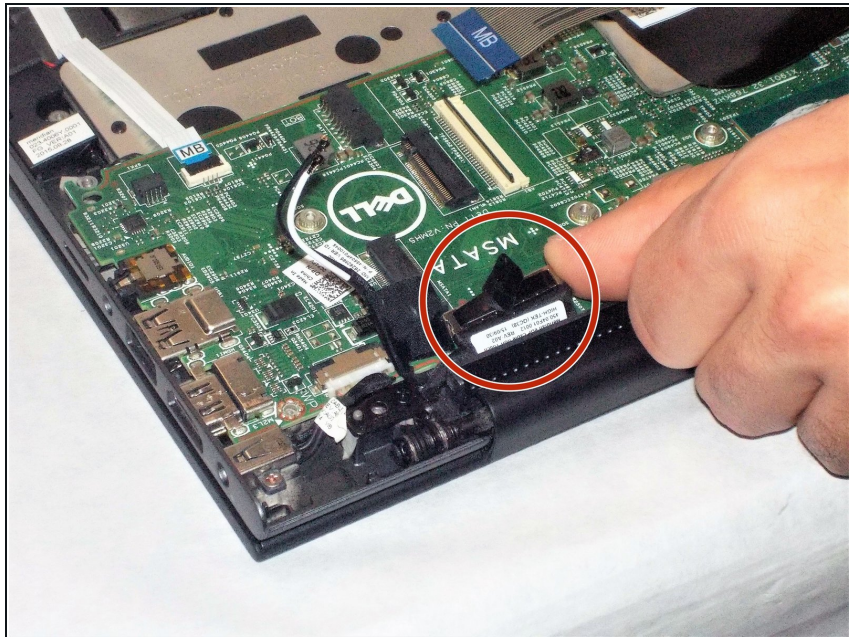
Step 15



- Release the keyboard cable.

⚠ If taped to the motherboard, gently peel it off.

Step 16



- Release eDP cable.

Step 17



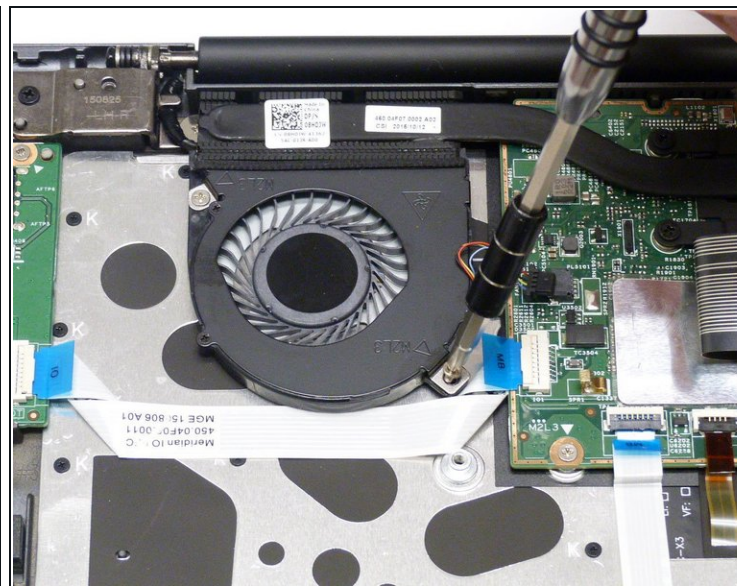
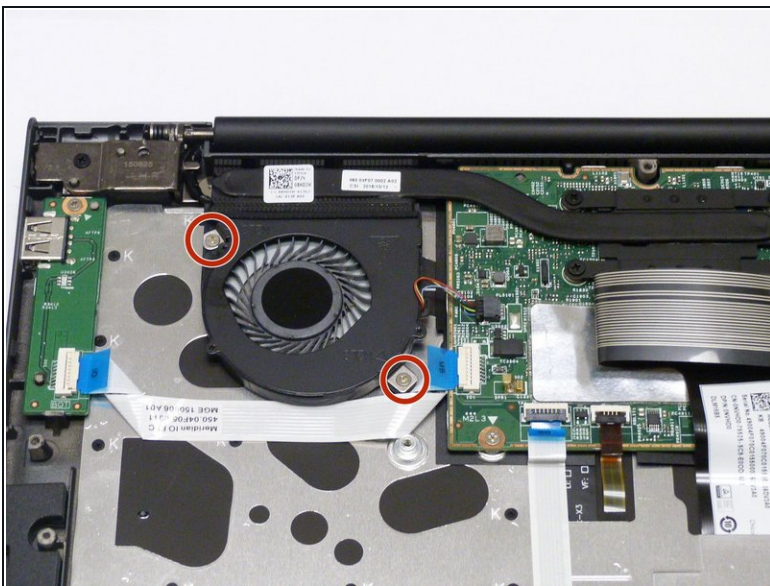
- Release dc-in cable.

Step 18



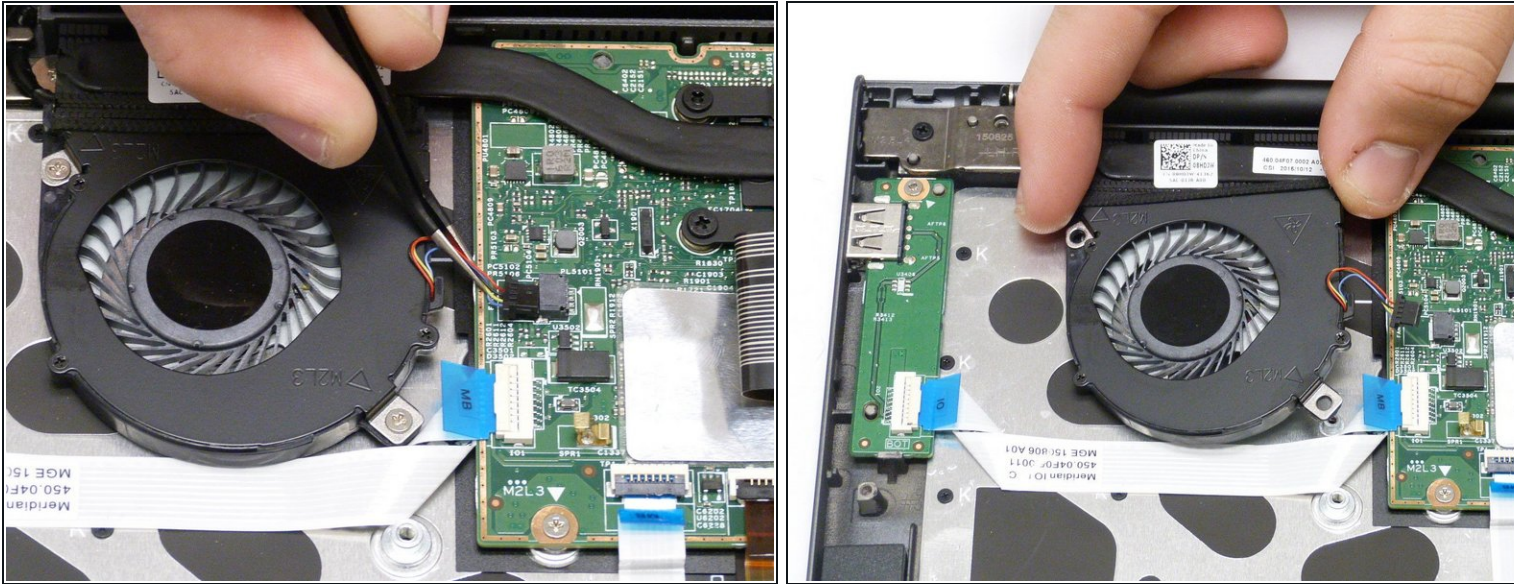
- Gently lift up the motherboard to remove it.

Step 19 — Cooling Fan



- Using the #1 Philips screwdriver, remove the two, 2mm screws securing the fan assembly.

Step 20

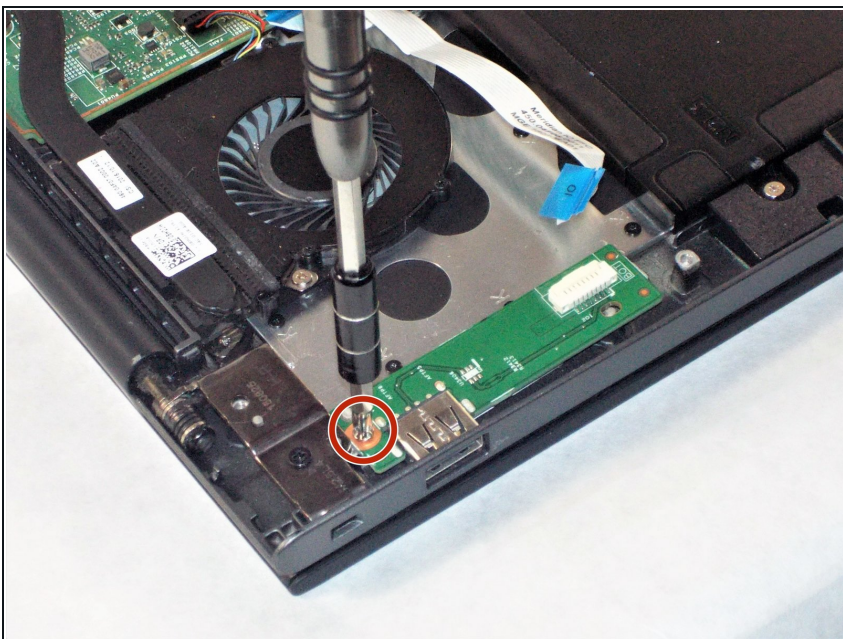


- Using your fingernails, pull the cooling fan cables loose from the motherboard.

⚠ We have the tweezers pictured to allow for a clear view of components. DO NOT use the tweezers to remove the cables, they could be damaged in the process.

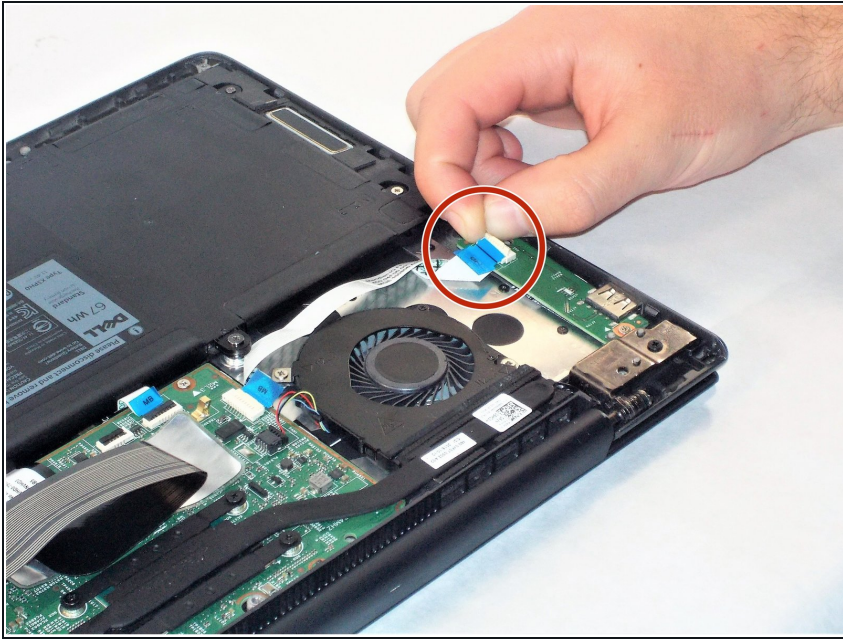
- Finally, lift the fan assembly away from the computer.

Step 21 — IO Board



- Remove the single 2mm screw securing the IO board to the laptop.

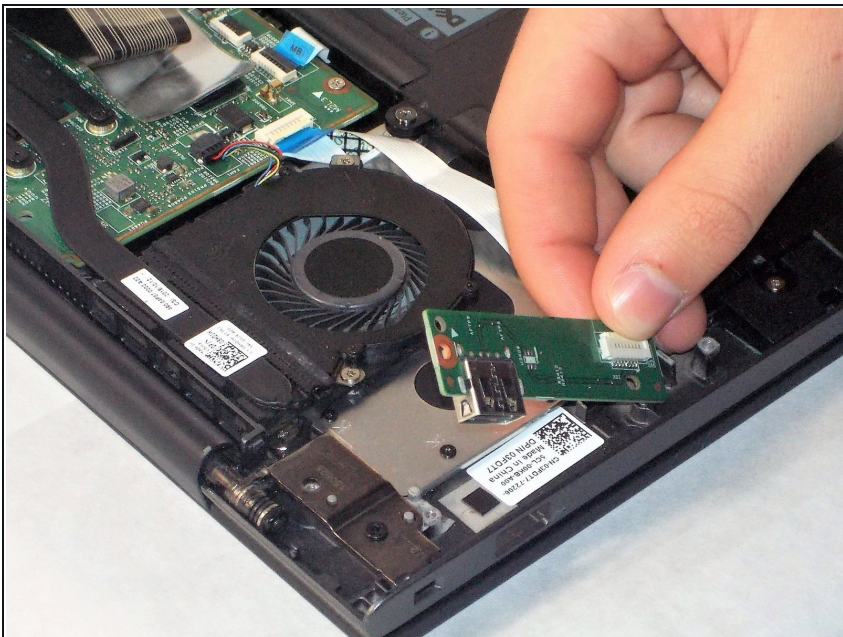
Step 22



- Pull up on the connector to release the IO board cable from the motherboard.

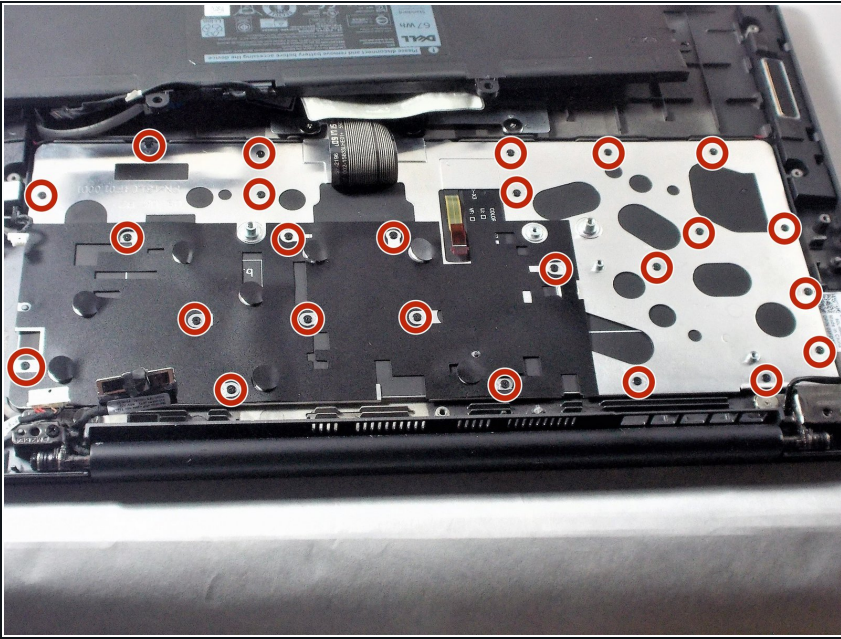
❗ It may be easier to pull from the blue tab.

Step 23



- Remove the IO board.

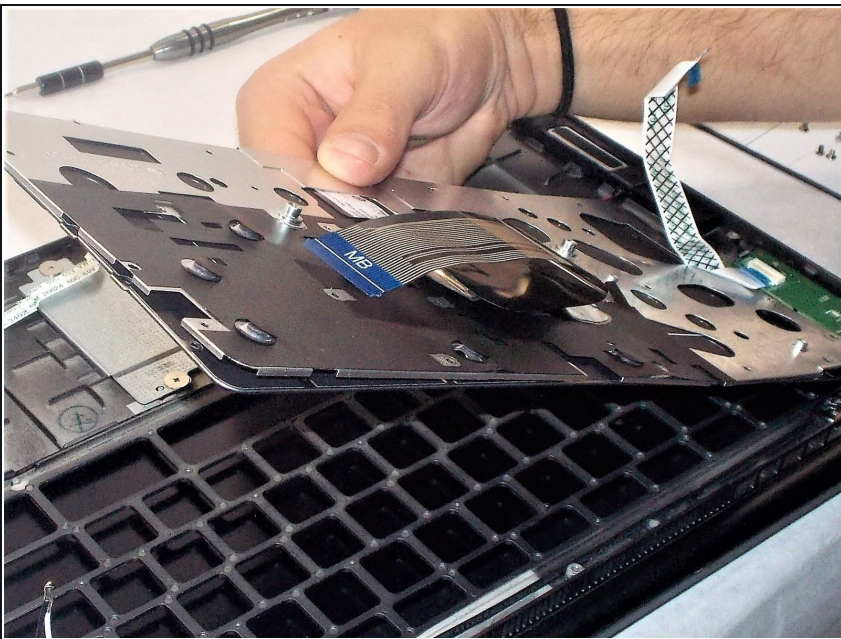
Step 24 — Keyboard



- Remove all screws.

i All screws for the keyboard will have a "K" next to them.

Step 25



- Gently lift up the keyboard and remove.

i This step does not require much force. If you have to use a lot of force to lift the keyboard, check to make sure you didn't miss a screw.

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