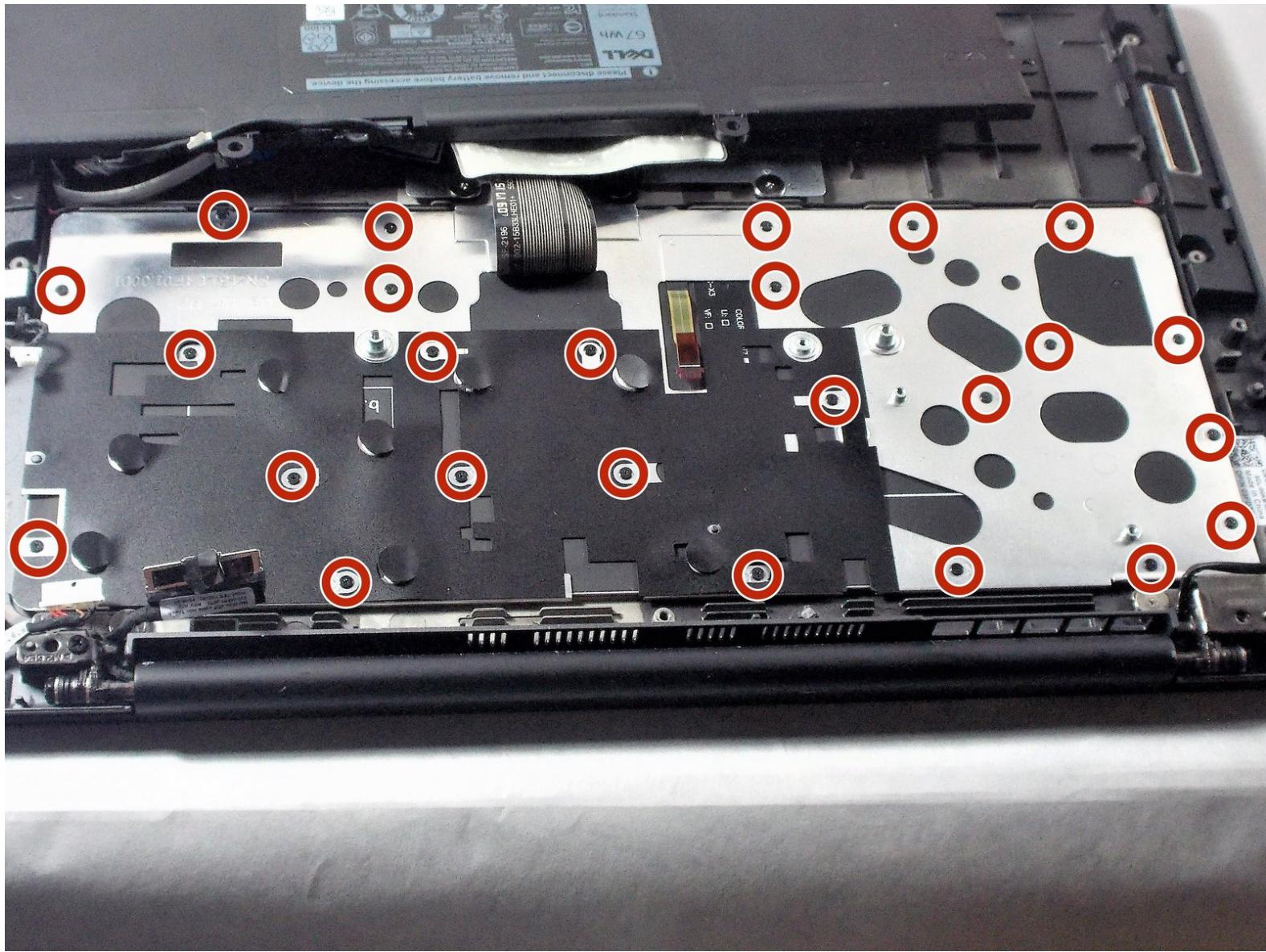




# Dell Chromebook 13-7310 Keyboard Replacement

Guide for removing and replacing a Dell Chromebook 13-7310 keyboard.

Written By: Damon



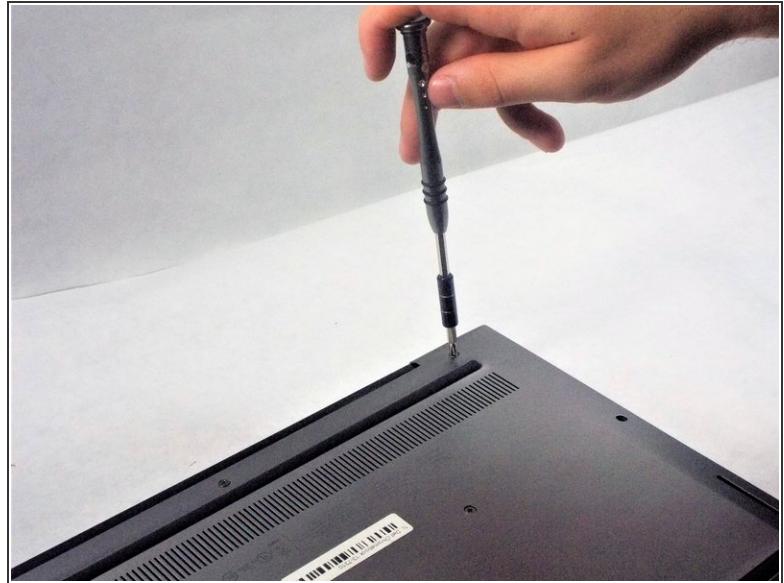
## INTRODUCTION

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:

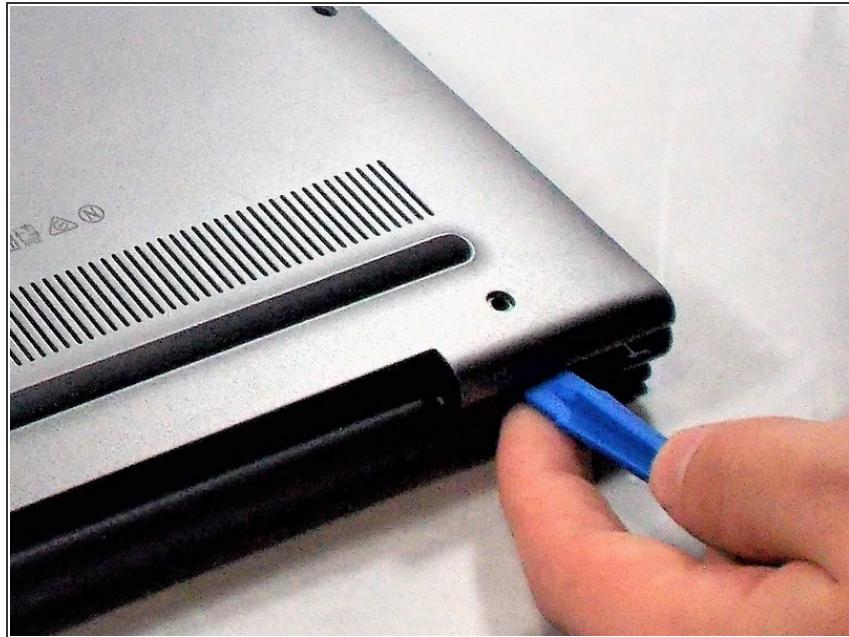
- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Spudger](#) (1)

## Step 1 — Back Cover



- Remove the eleven 3mm Phillips #1 screws.

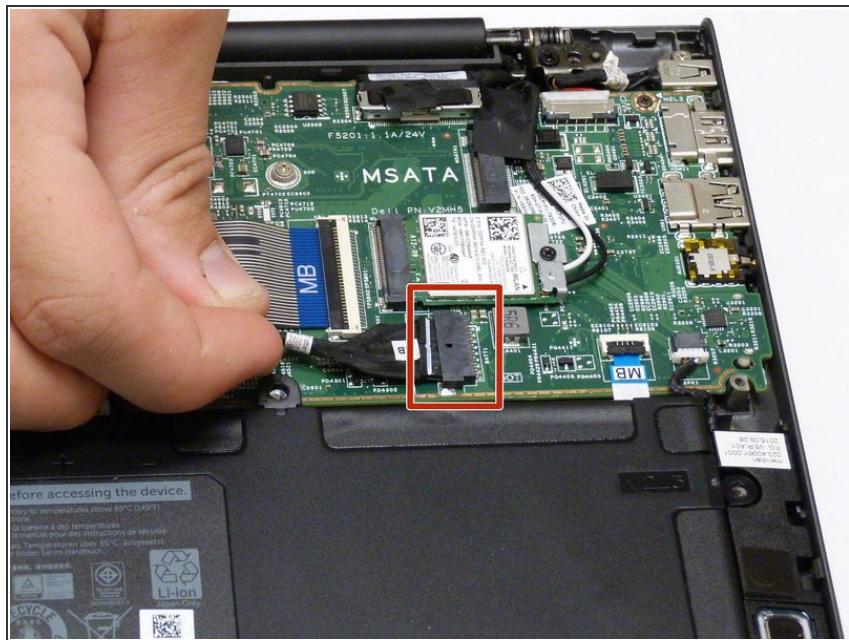
## Step 2



- Use a plastic opening tool to gently remove the back panel.

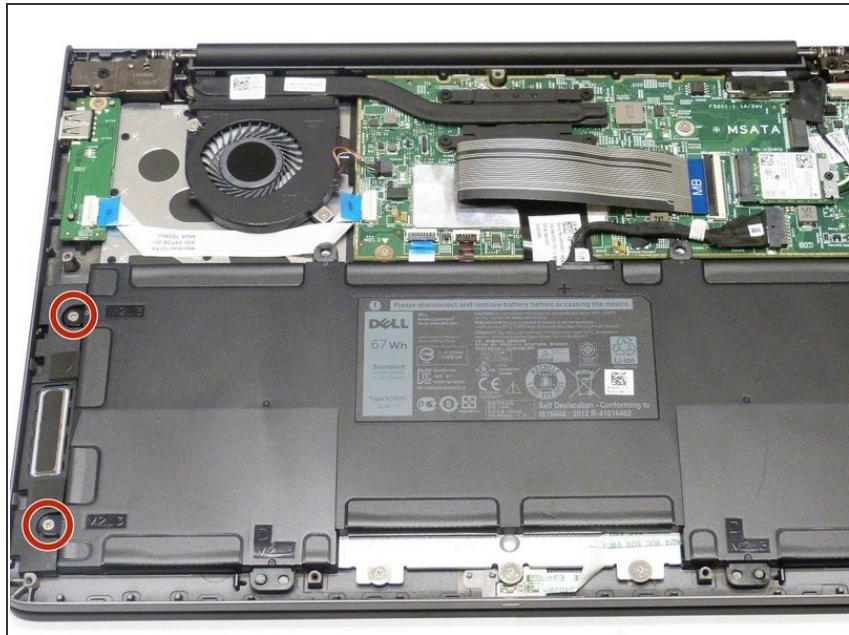
*(i)* It can be easier to pry open near a corner.

## 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



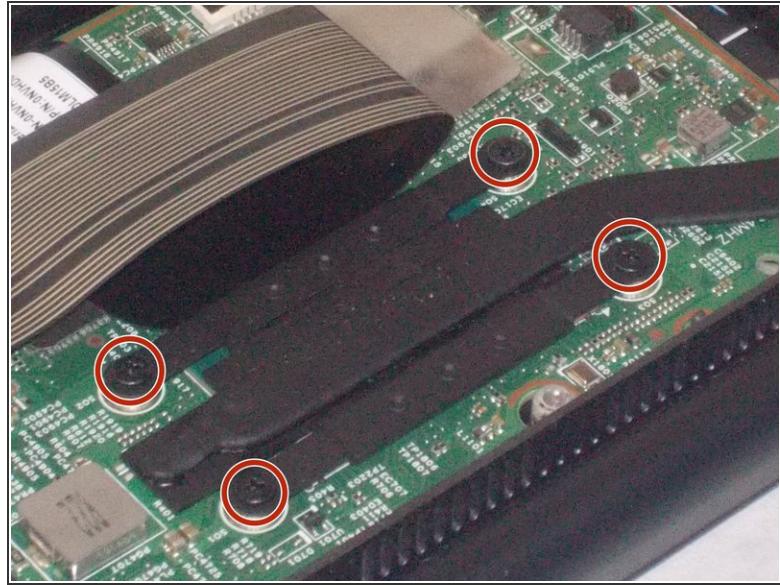
- To remove the battery, lift up on one side to get your fingers underneath and lift away.

## Step 6 — Motherboard



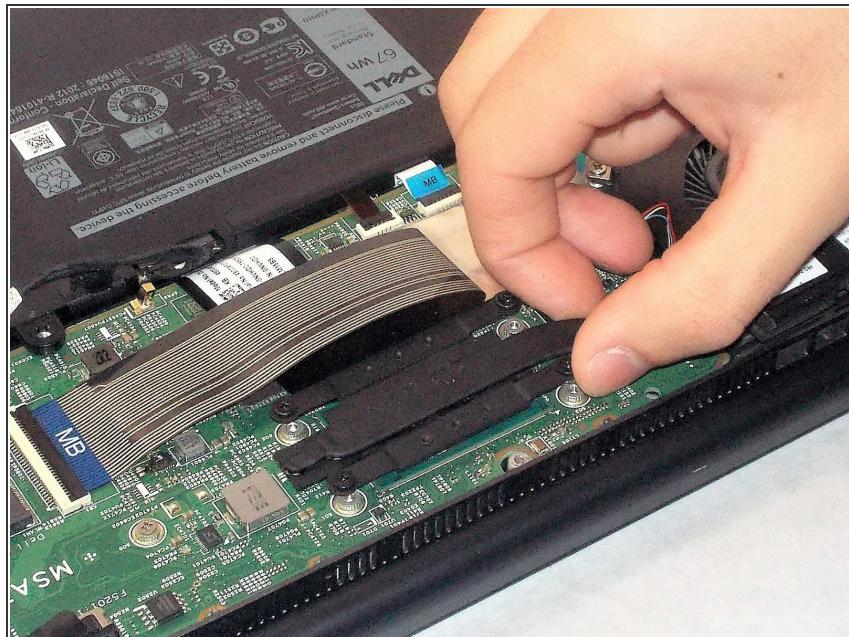
- Gently pull to unplug fan connector.

## Step 7



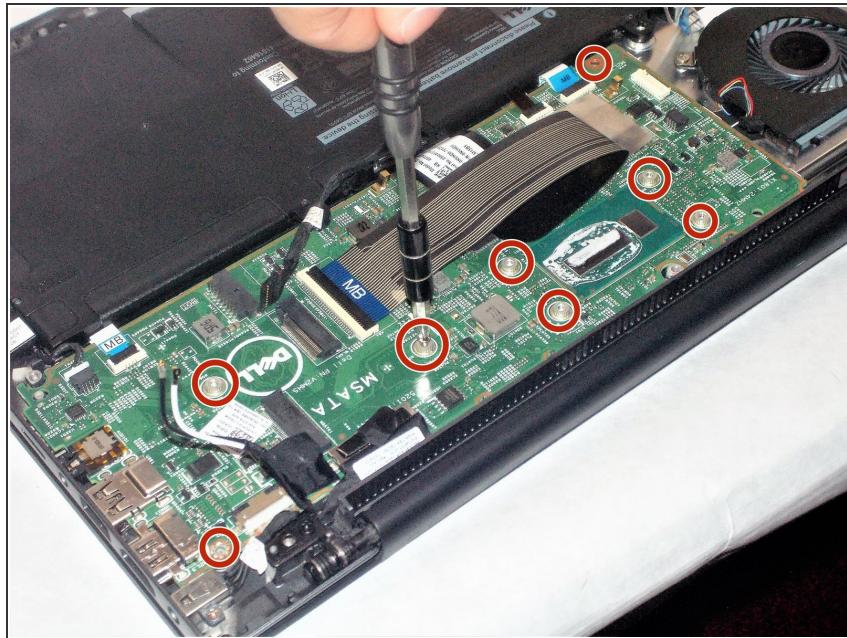
- Remove 4 screws securing heat sink.

## Step 8



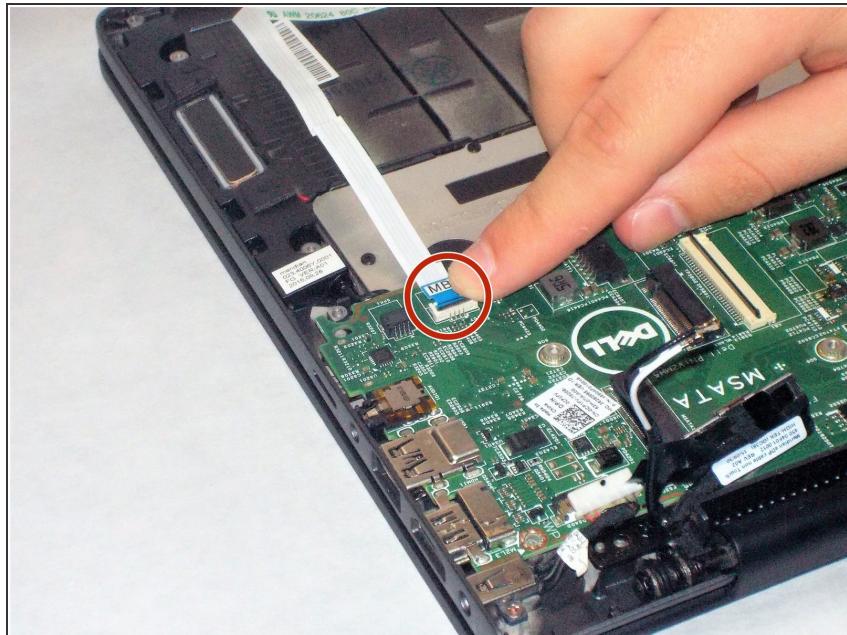
- Lift away heat sink.

## Step 9



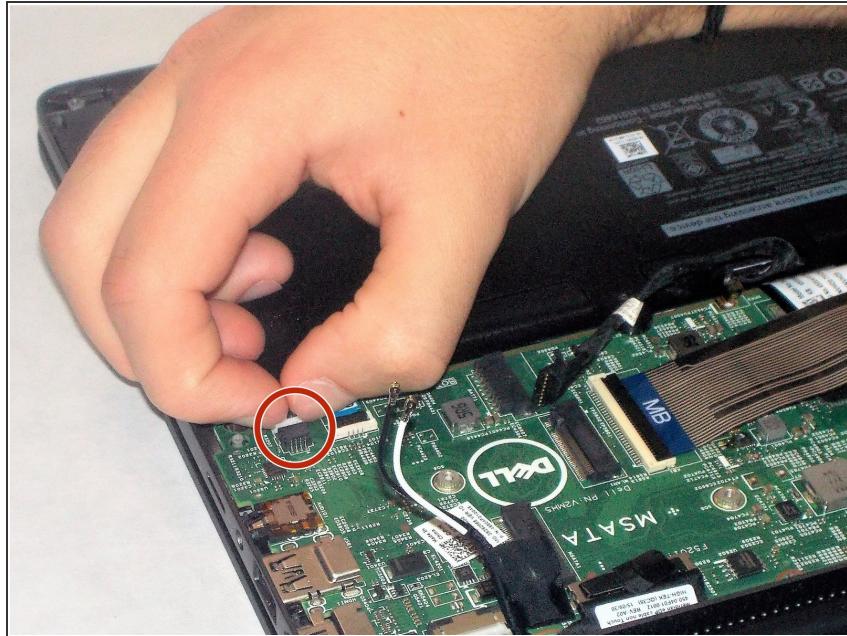
- Remove the eight 2mm screws securing the motherboard in place.

## Step 10



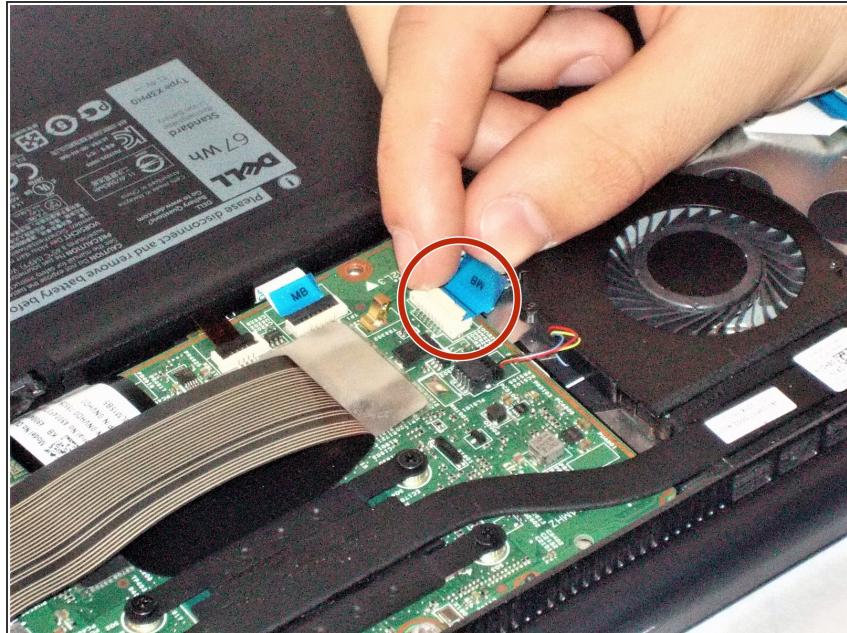
- Release cable for the LED charging indicator by pulling up on connector.

## Step 11



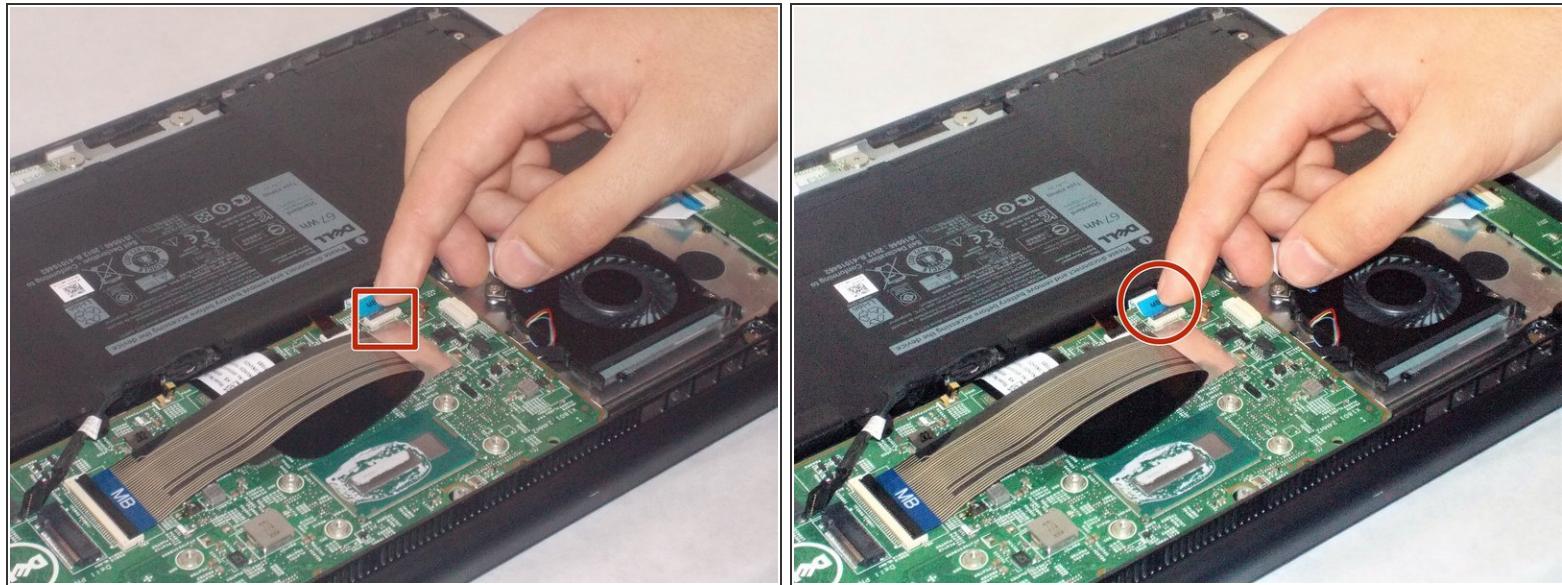
- Gently remove the cable.

## Step 12



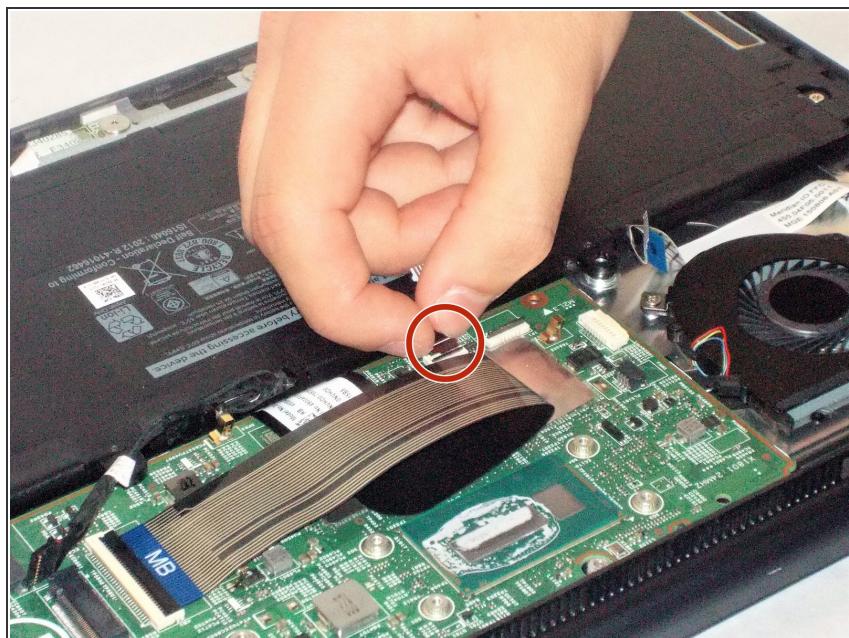
- Pull up on connector tab to release IO board cable.

## Step 13



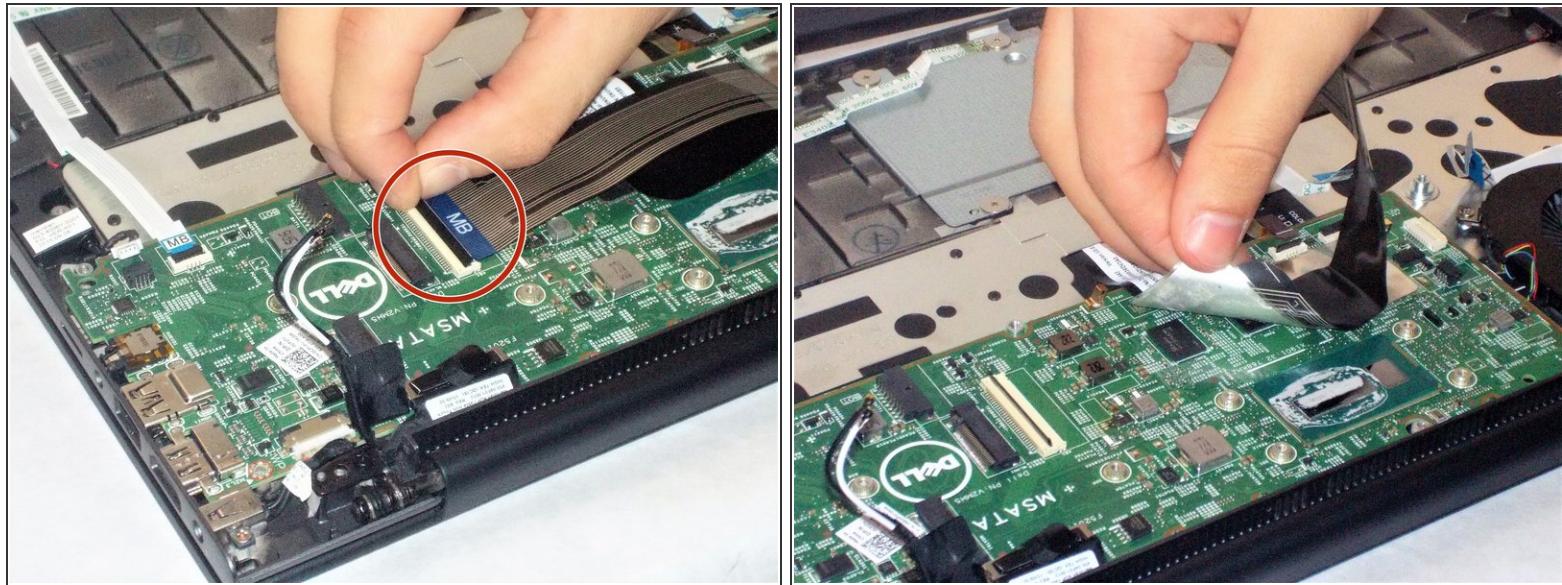
- Pull up on connector tab to release touchpad cable.

## Step 14



- Release the keyboard backlight cable.

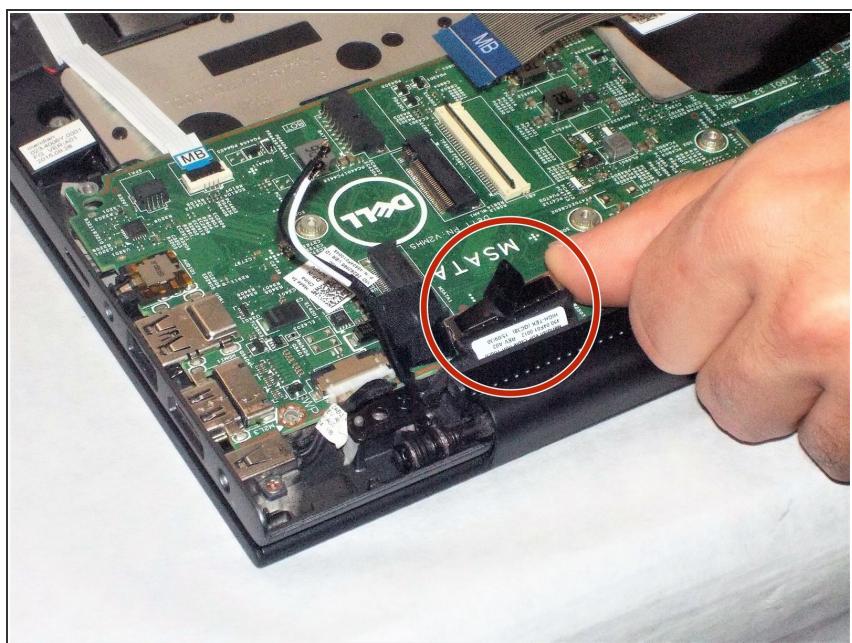
## Step 15



- Release the keyboard cable.

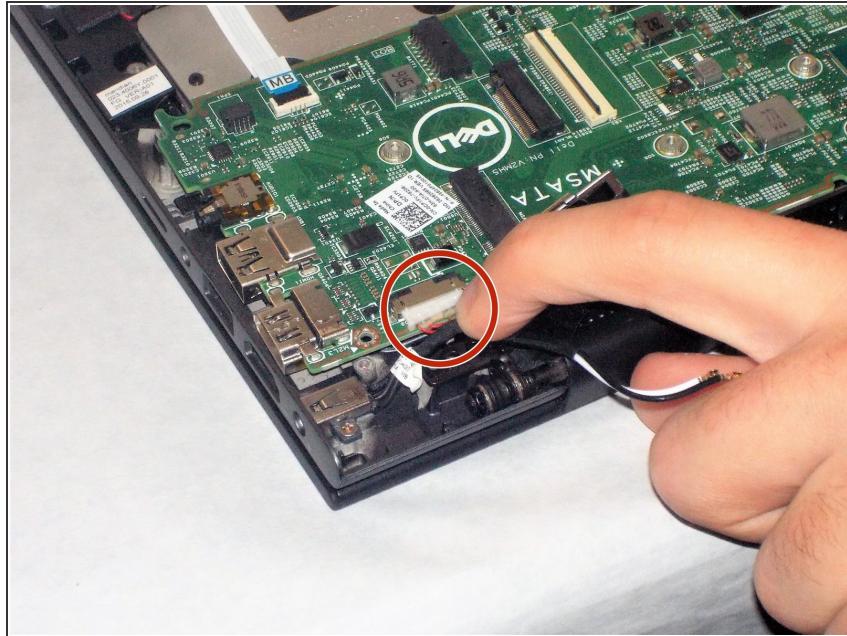
⚠ If taped to the motherboard, gently peel it off.

## Step 16



- Release eDP cable.

## Step 17



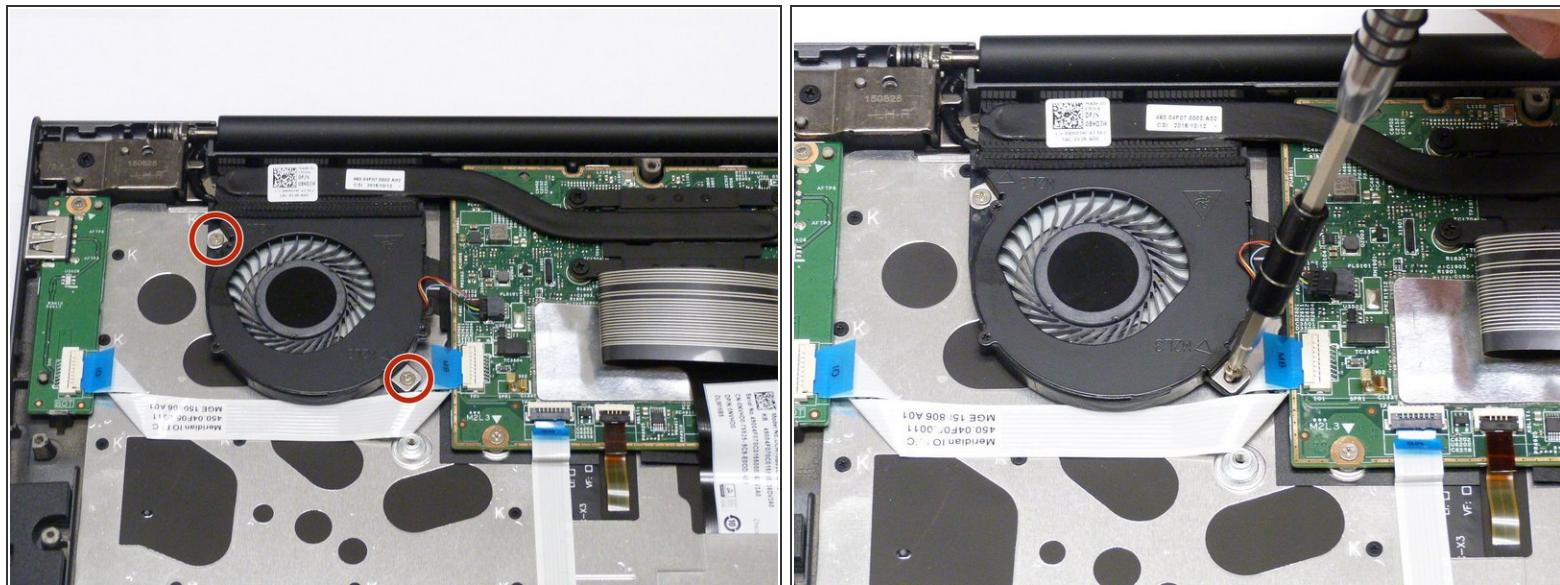
- Release dc-in cable.

## Step 18



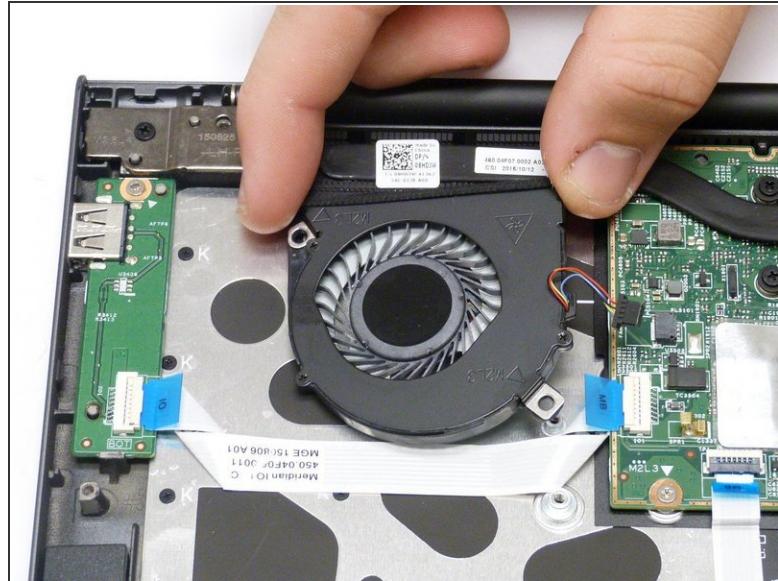
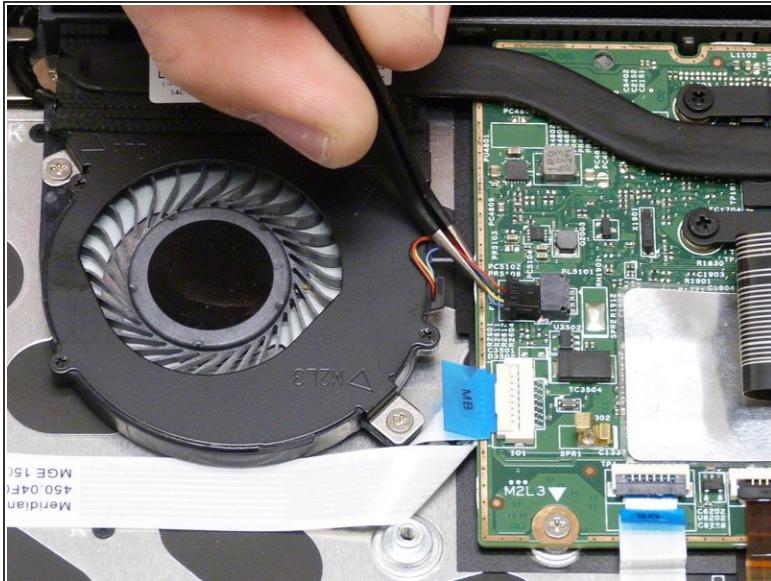
- Gently lift up the motherboard to remove it.

## Step 19 — Cooling Fan



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

## Step 20



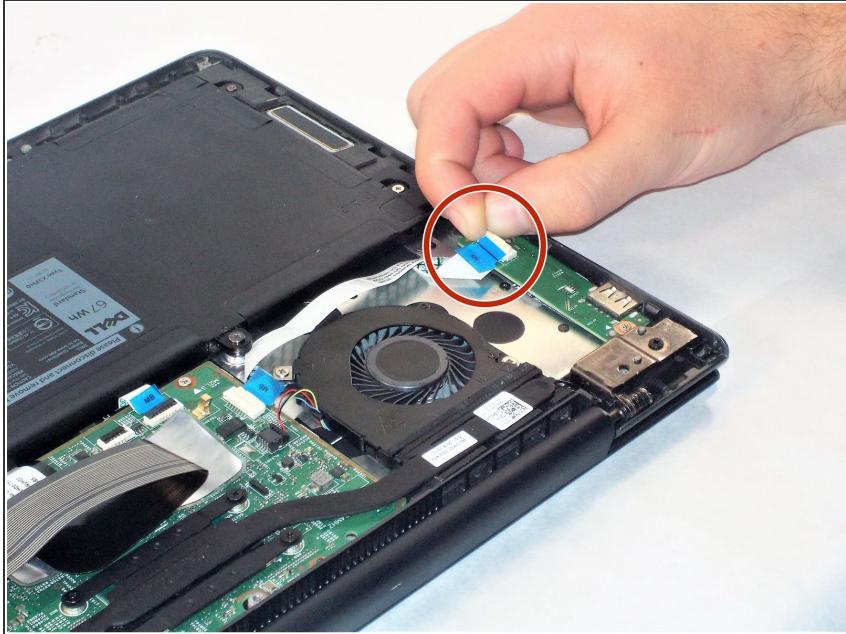
- Using your fingernails, pull the cooling fan cables loose from the motherboard.
- ⚠ We have the tweezers pictured to allow for a clear view of components. DO NOT use the tweezers to remove the cables, they could be damaged in the process.
- Finally, lift the fan assembly away from the computer.

## Step 21 — IO Board



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

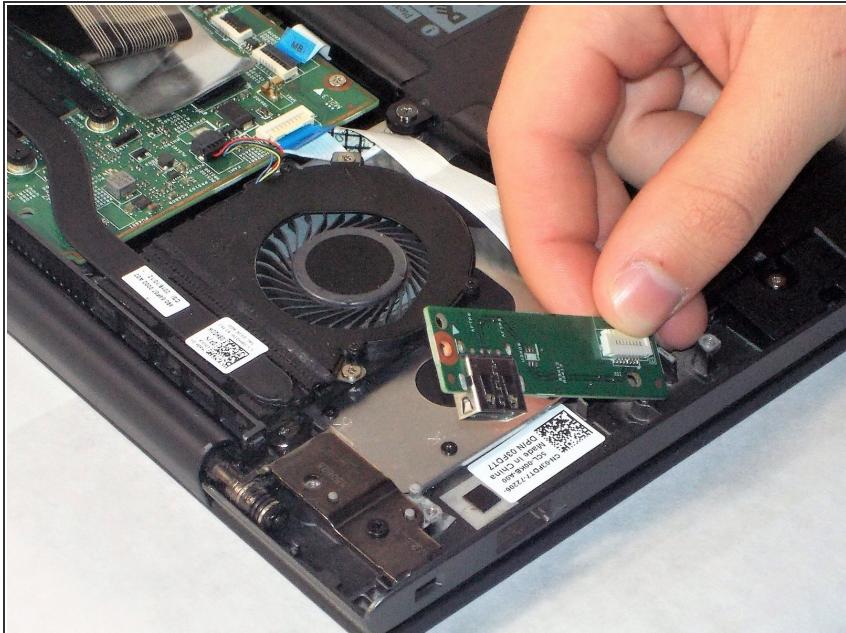
## Step 22



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

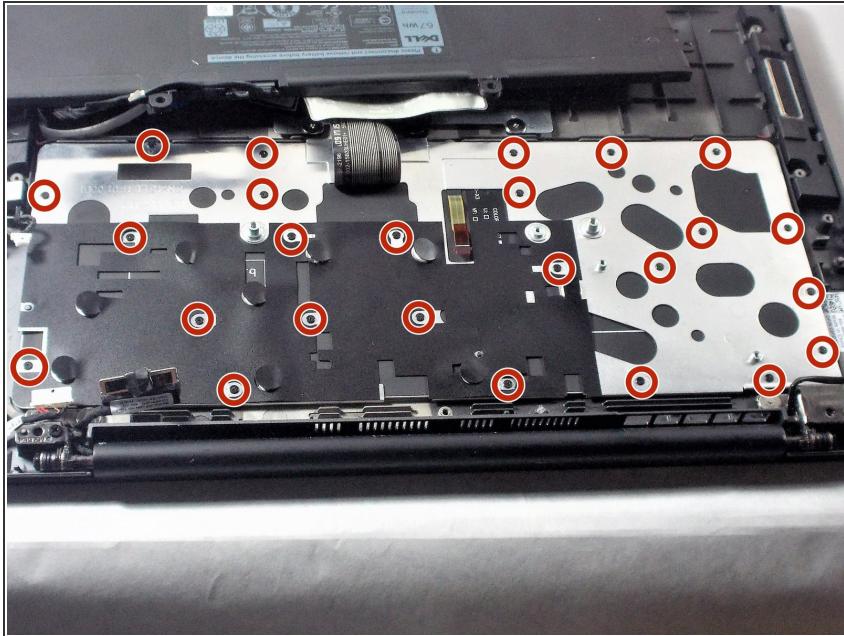
*ⓘ* It may be easier to pull from the blue tab.

## Step 23



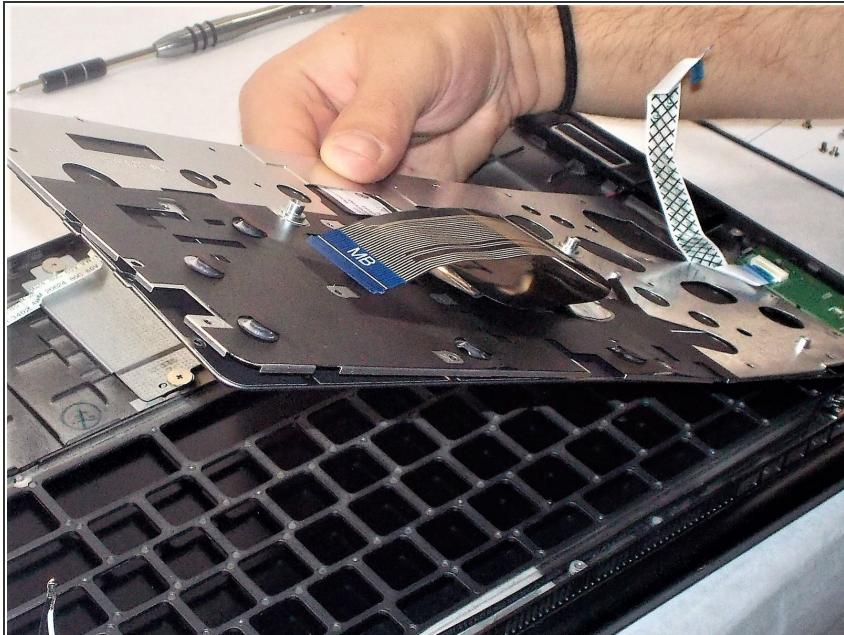
- Remove the IO board.

## 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.