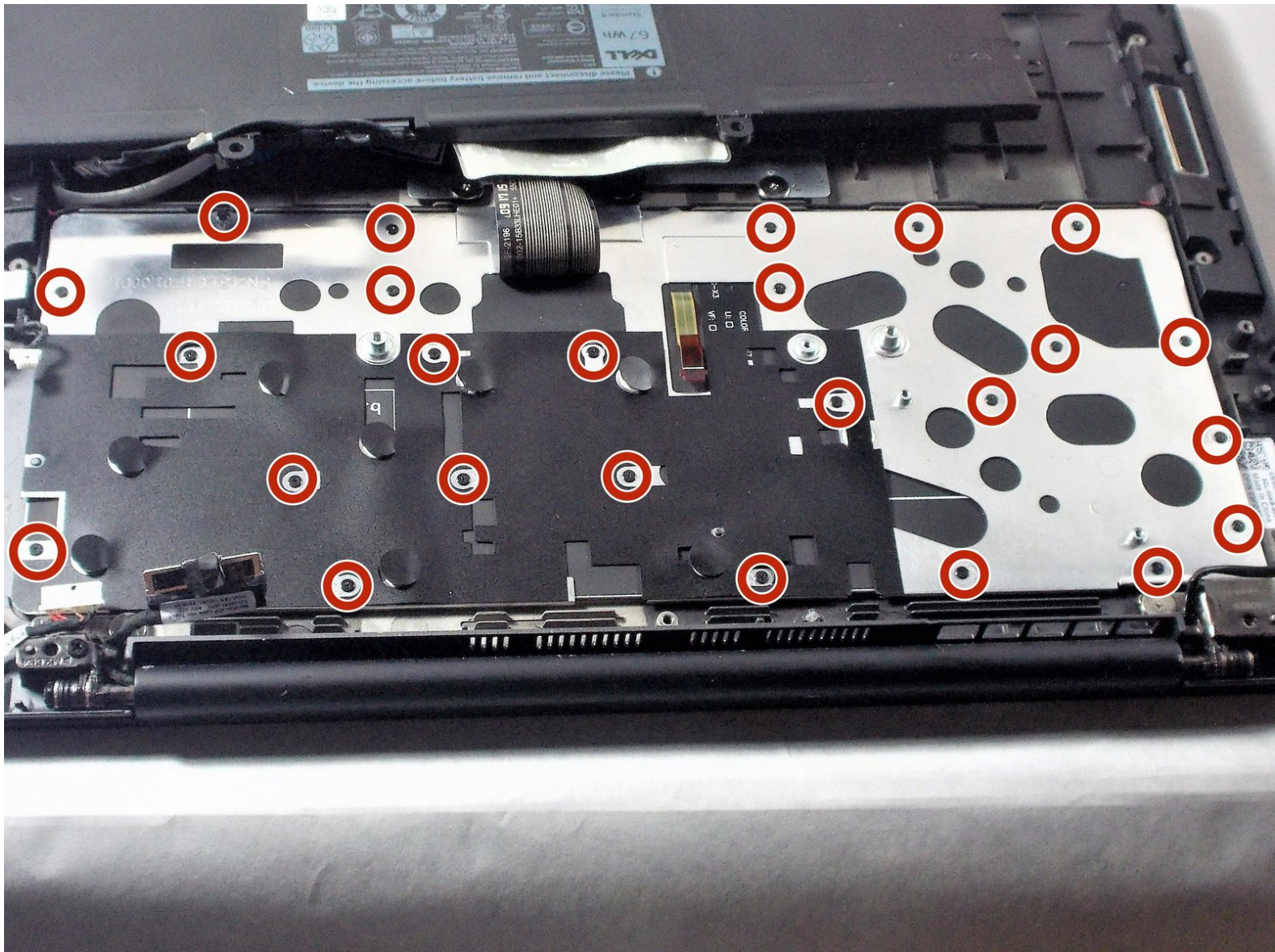




# Dell Chromebook 13-7310 Keyboard Replacement

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.

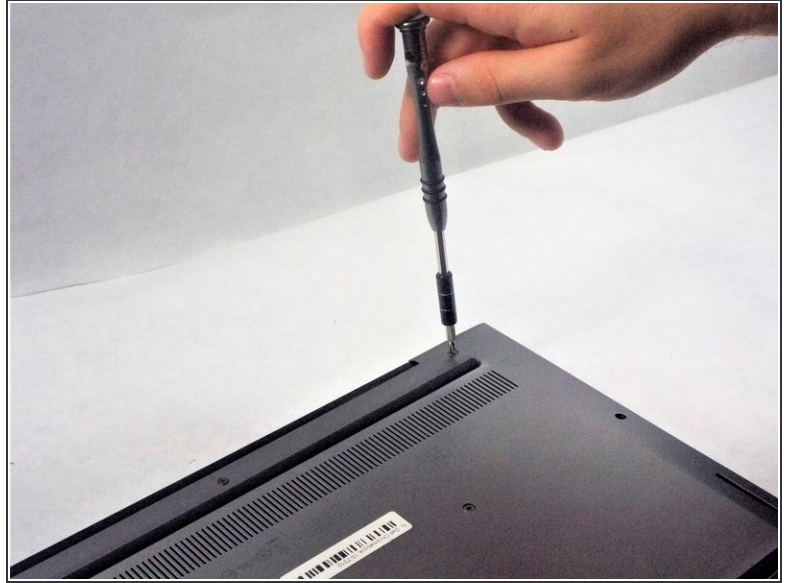
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## TOOLS:

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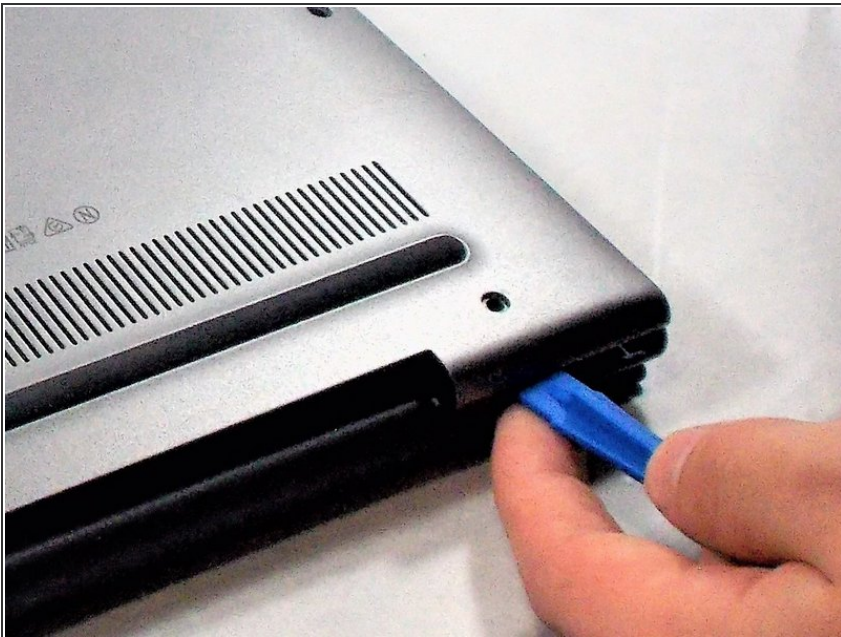


## Step 1 — Back Cover



- 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.

- 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.

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

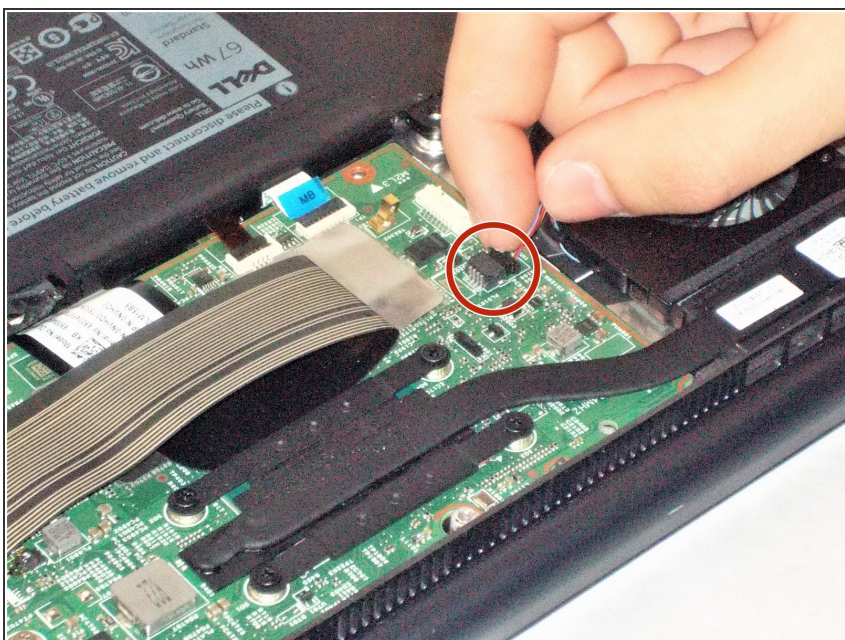


## Step 5



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

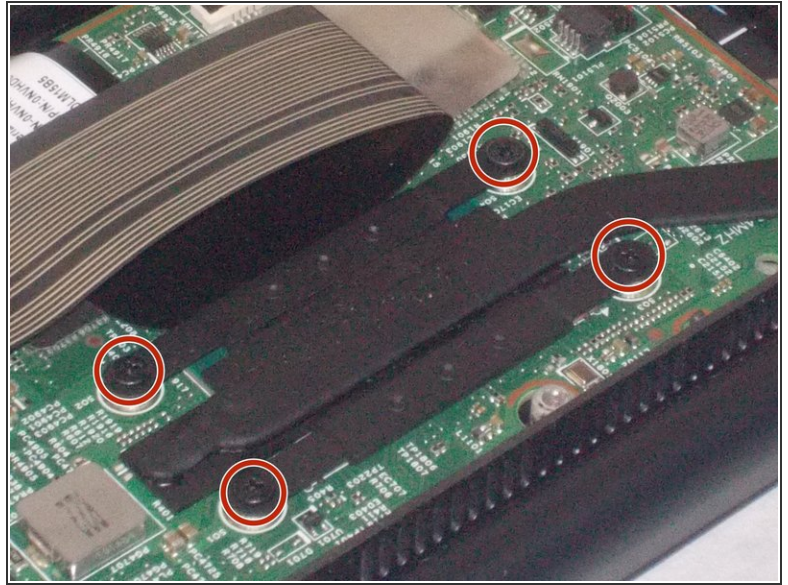
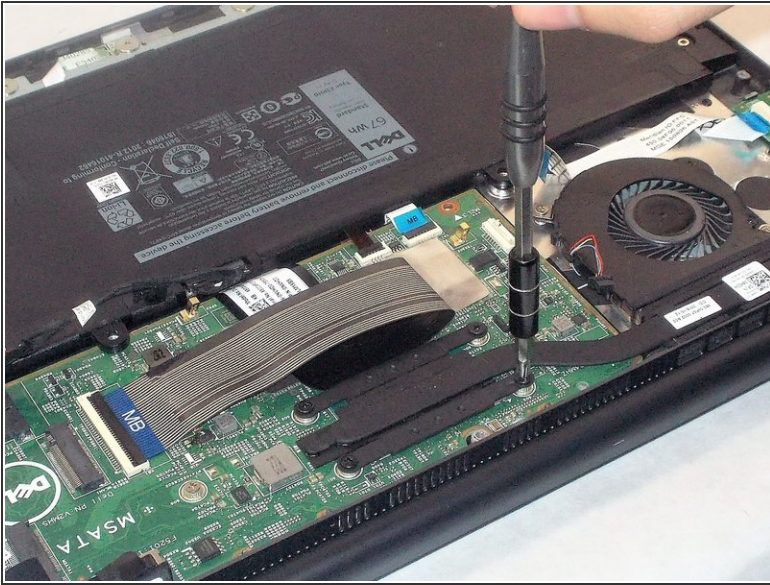
## Step 6 — Motherboard



- Gently pull to unplug fan connector.

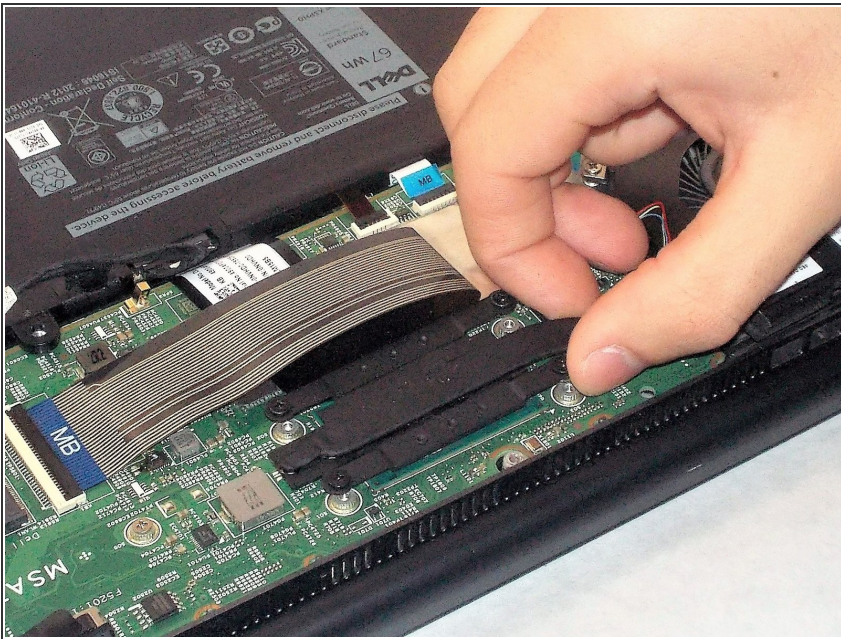


## Step 7



- Remove 4 screws securing heat sink.

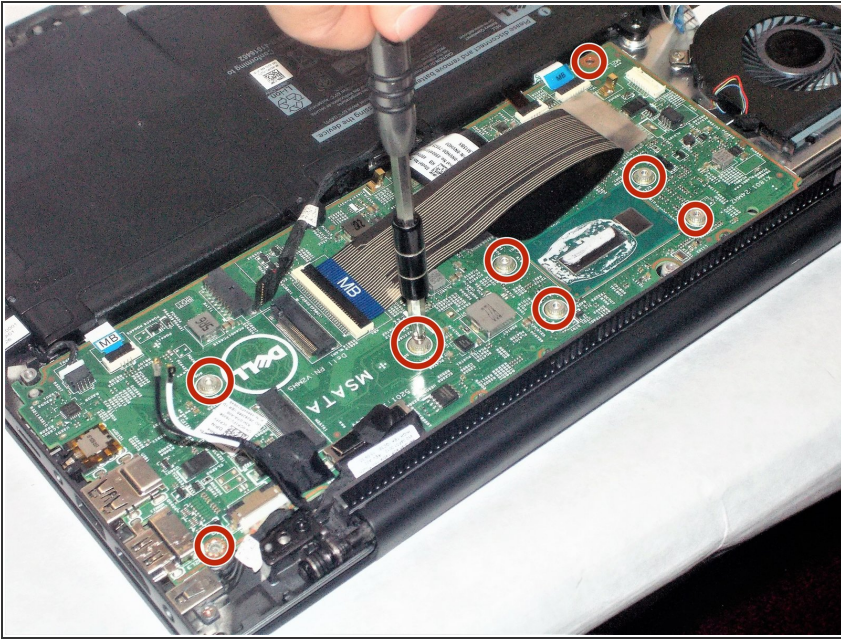
## Step 8



- Lift away heat sink.

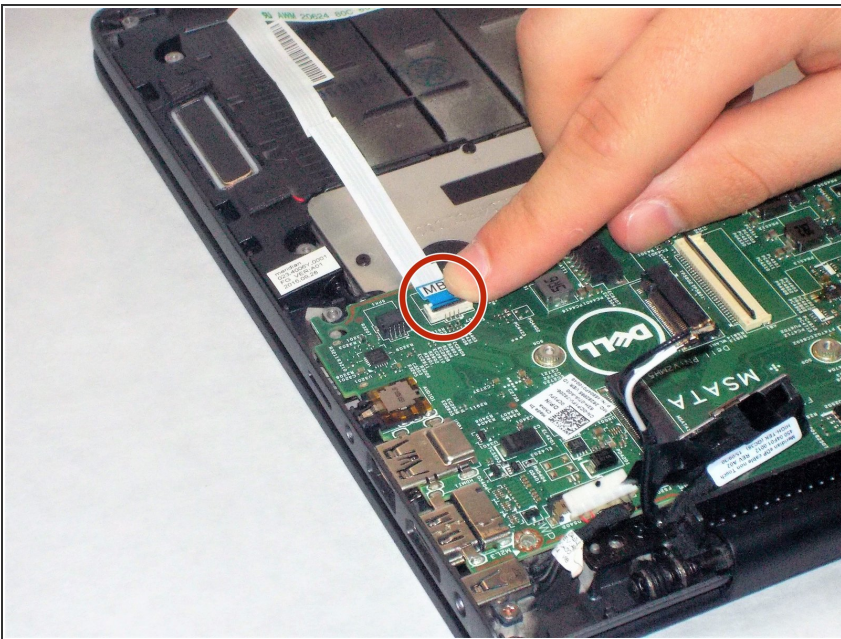


## Step 9



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

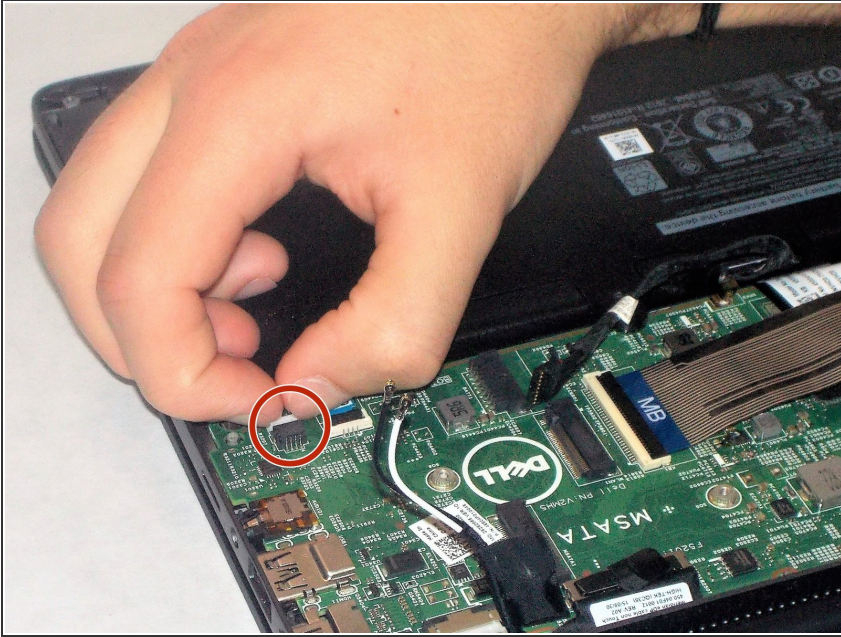
## Step 10



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

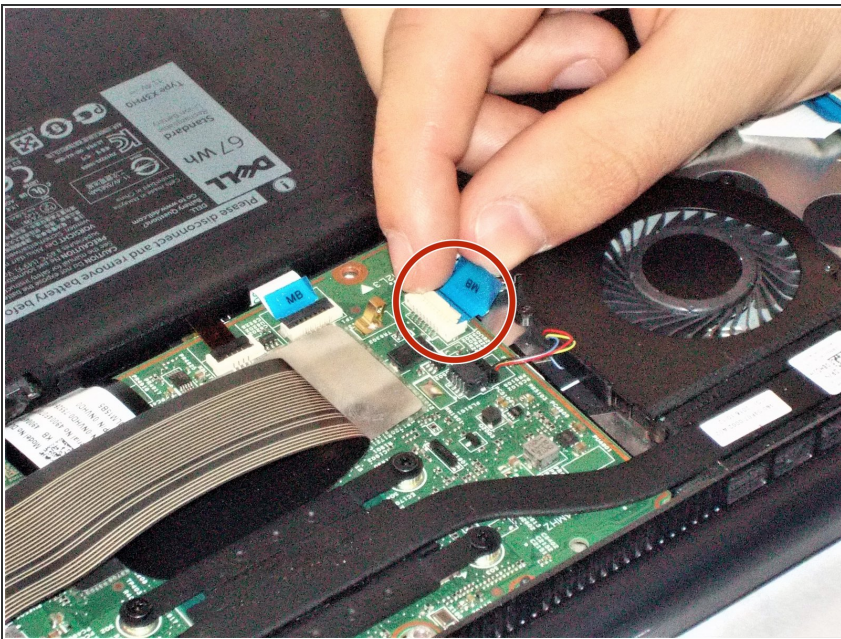


## Step 11



- Gently remove the cable.

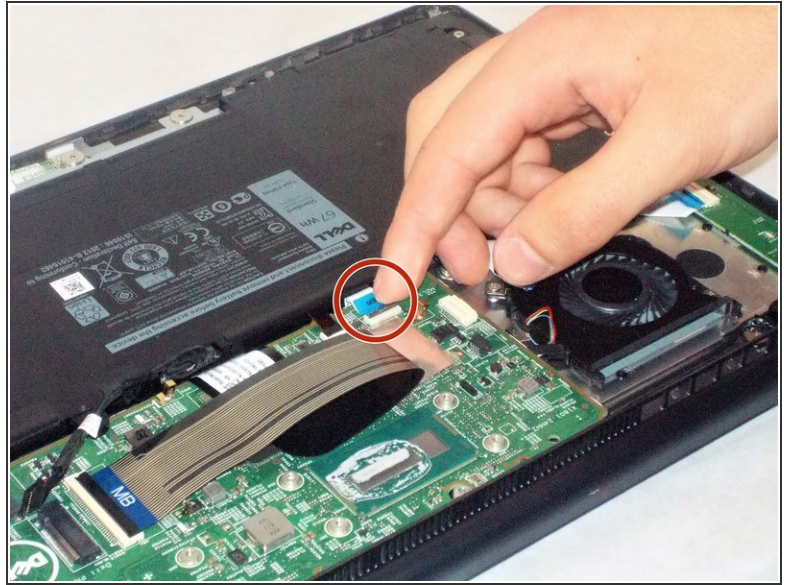
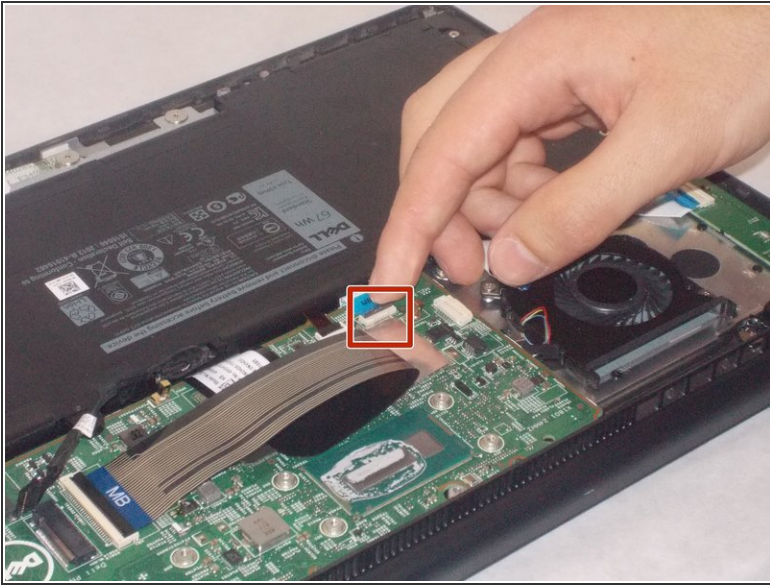
## Step 12



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

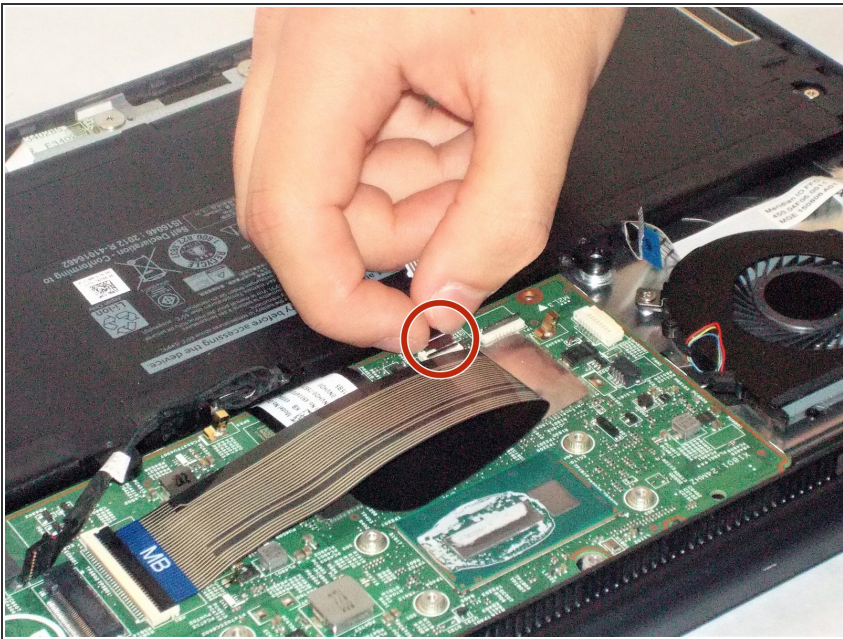


## Step 13



- Pull up on connector tab to release touchpad cable.

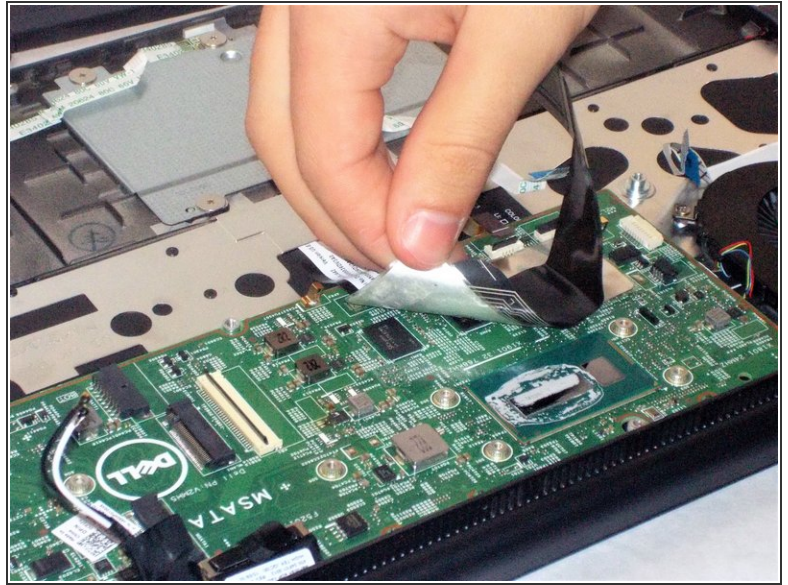
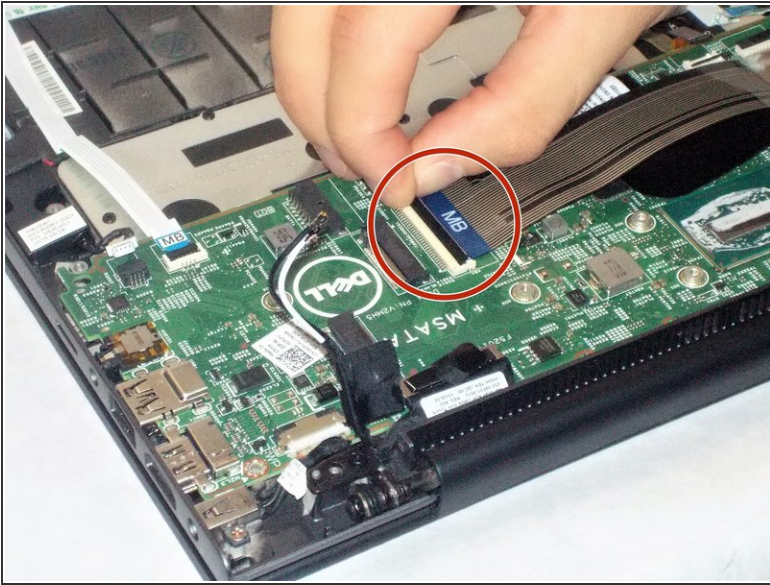
## Step 14



- Release the keyboard backlight cable.



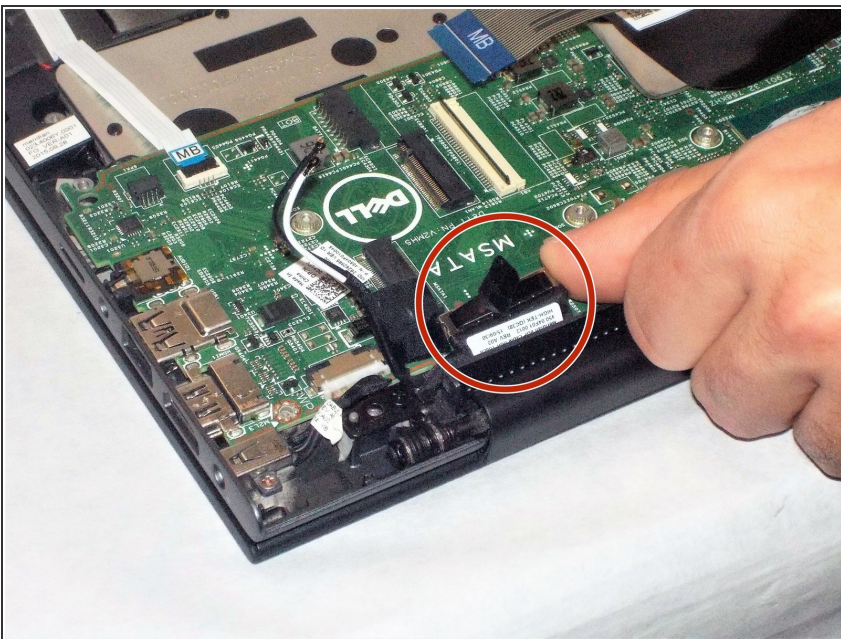
## Step 15



- Release the keyboard cable.

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

## Step 16



- Release eDP cable.



## Step 17



- Release dc-in cable.

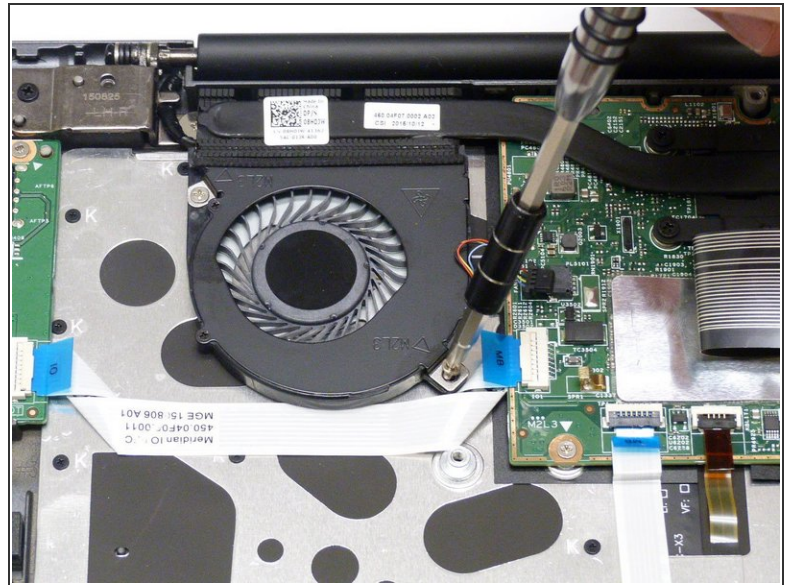
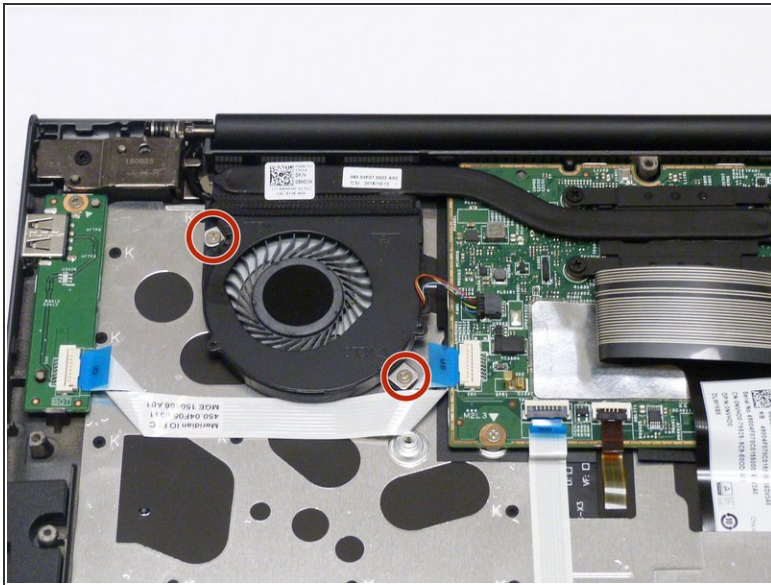
## Step 18



- Gently lift up the motherboard to remove it.



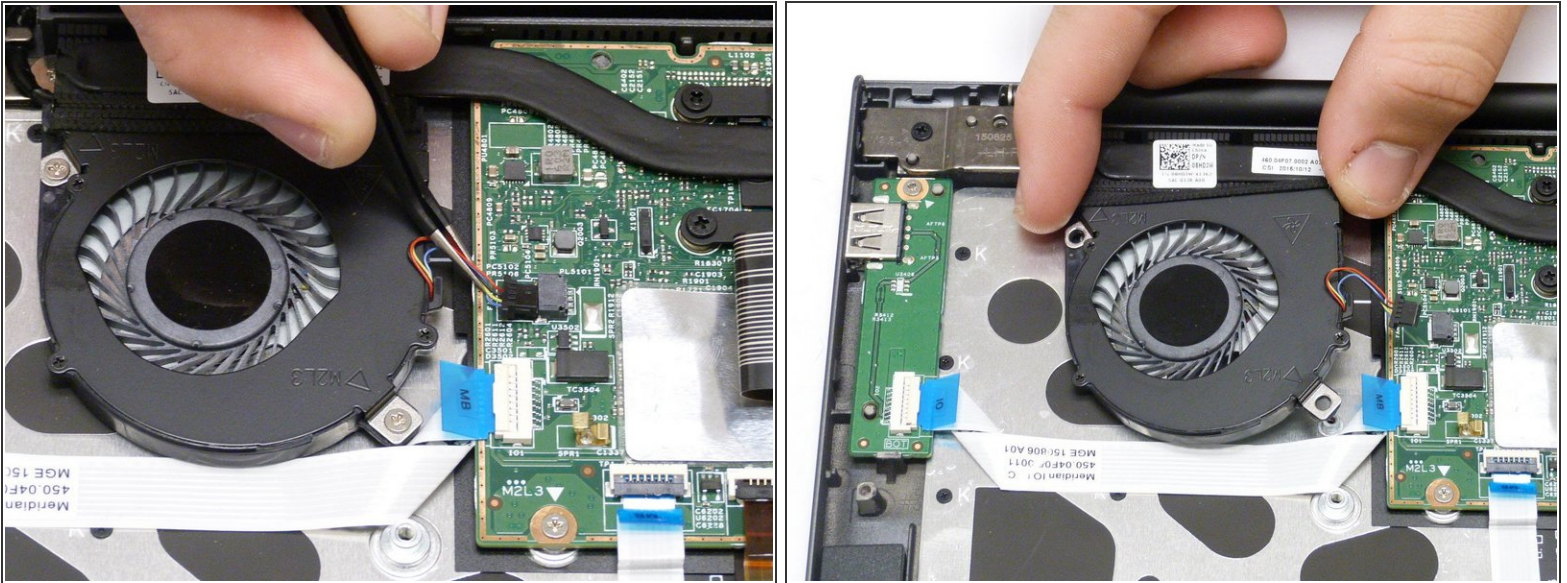
## Step 19 — Cooling Fan



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

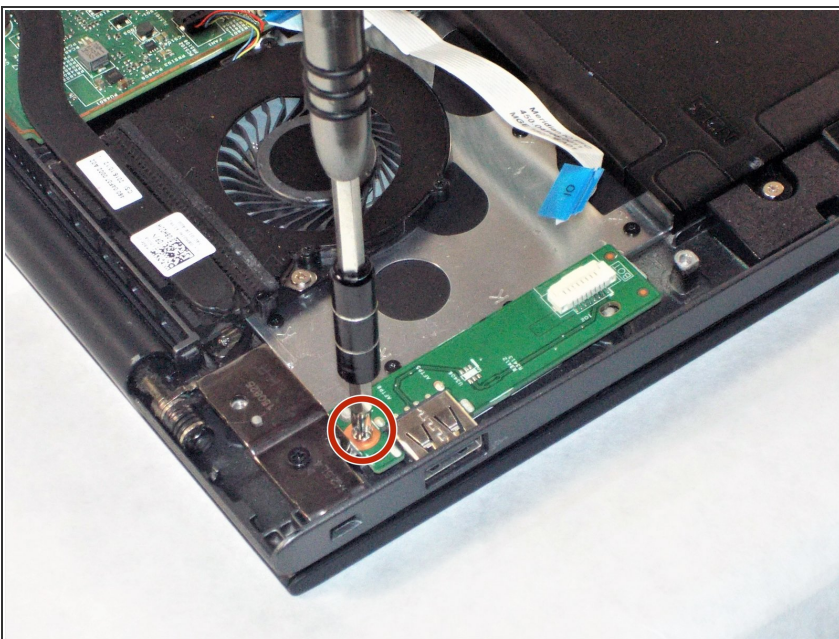


## Step 20



- 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.

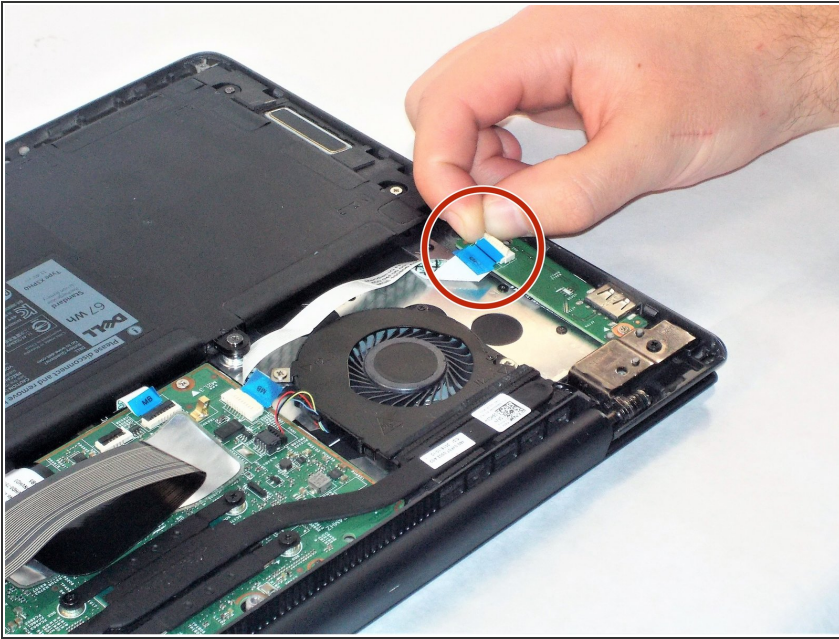
## Step 21 — IO Board



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



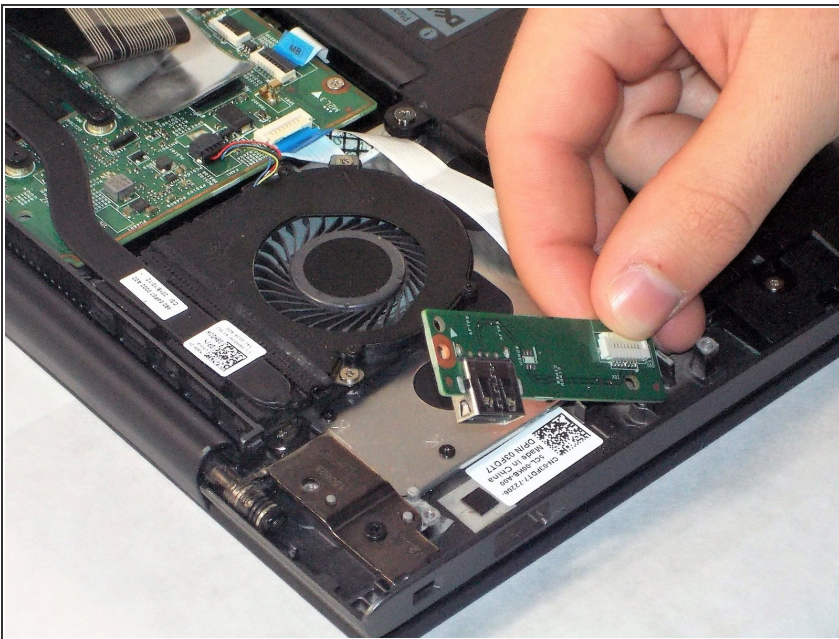
## Step 22



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

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

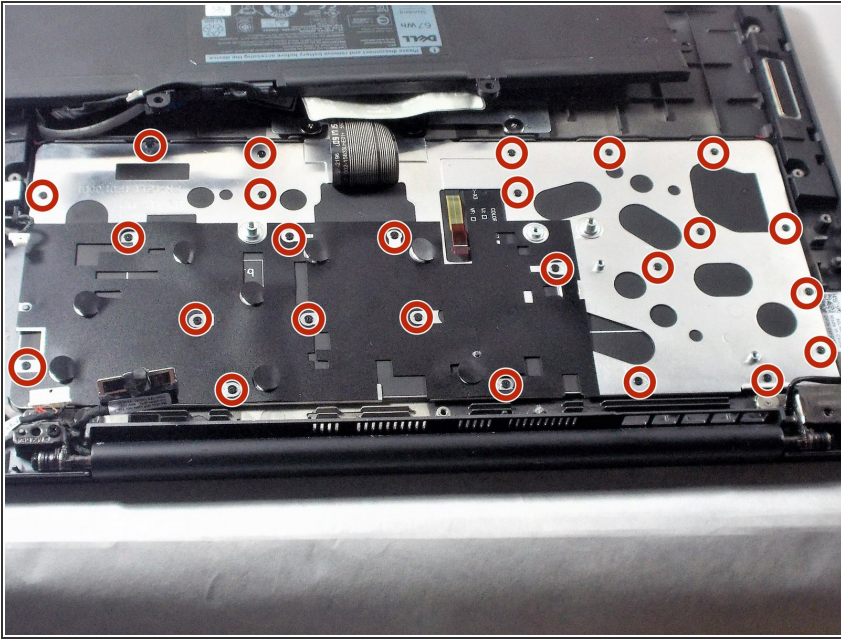
## Step 23



- Remove the IO board.



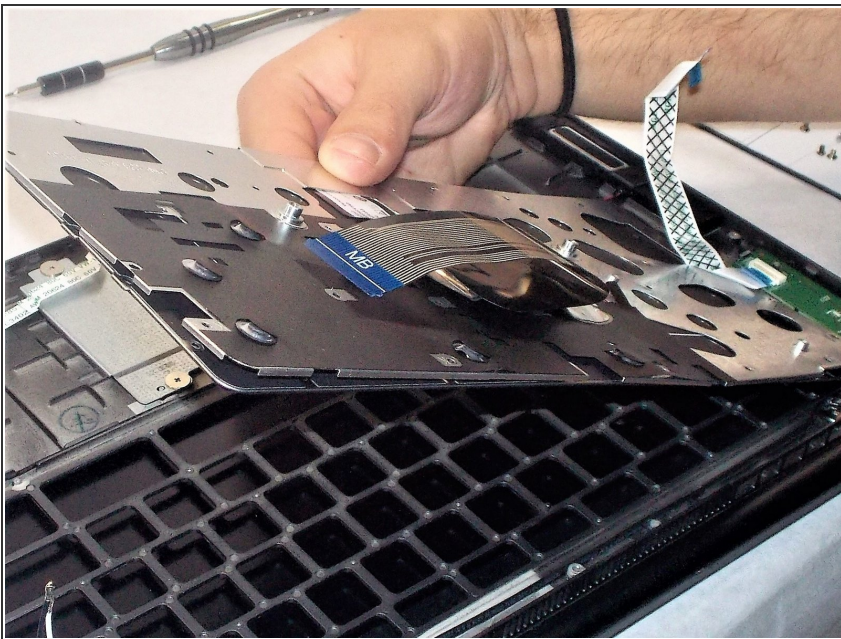
## Step 24 — Keyboard



- Remove all screws.

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

## Step 25



- Gently lift up the keyboard and remove.

ⓘ 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.