



# Asus Q502LA-BSI5T14 Keyboard Replacement

Replace the full keyboard.

Written By: Mary Kounelas



## INTRODUCTION

The keyboard allows communication between the user and the laptop. If your keyboard is not responding, follow this guide to learn how to replace it.

### TOOLS:

- Spudger (1)
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)

## Step 1 — Battery



*(i)* Ensure your device is powered off before starting.

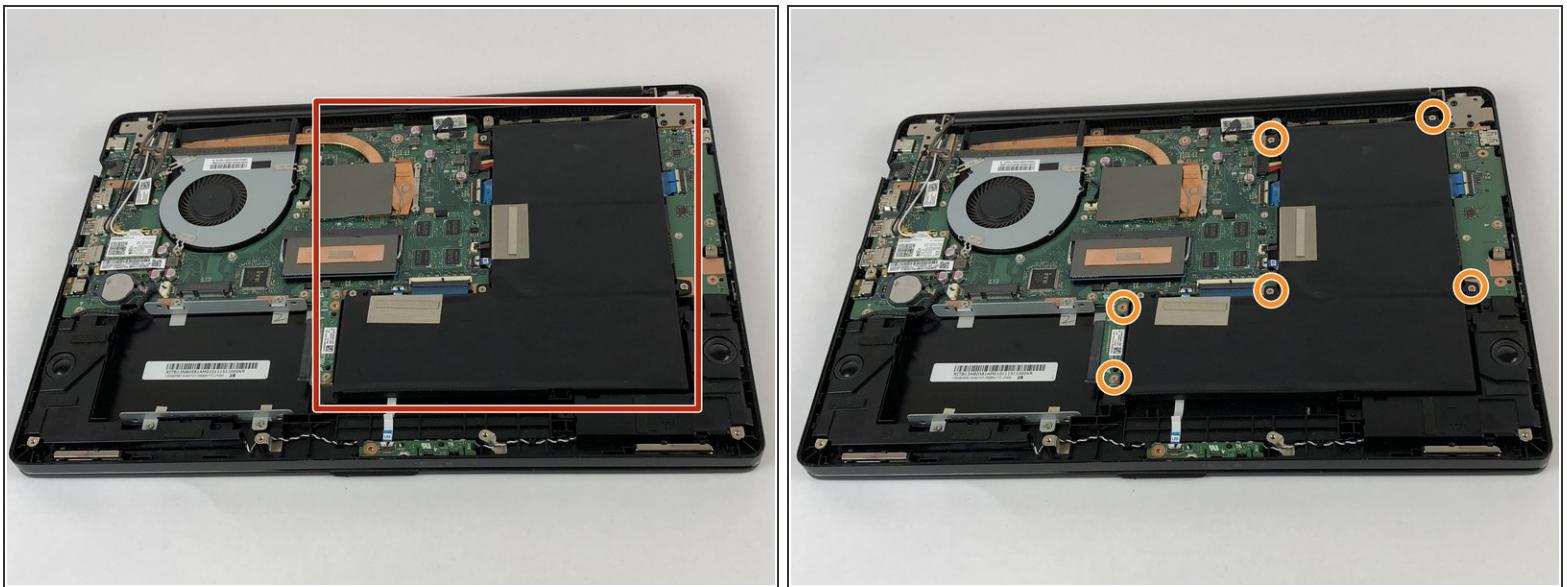
- Flip the laptop over and remove the ten 10 mm Phillips #1 screws securing the back panel.

## Step 2



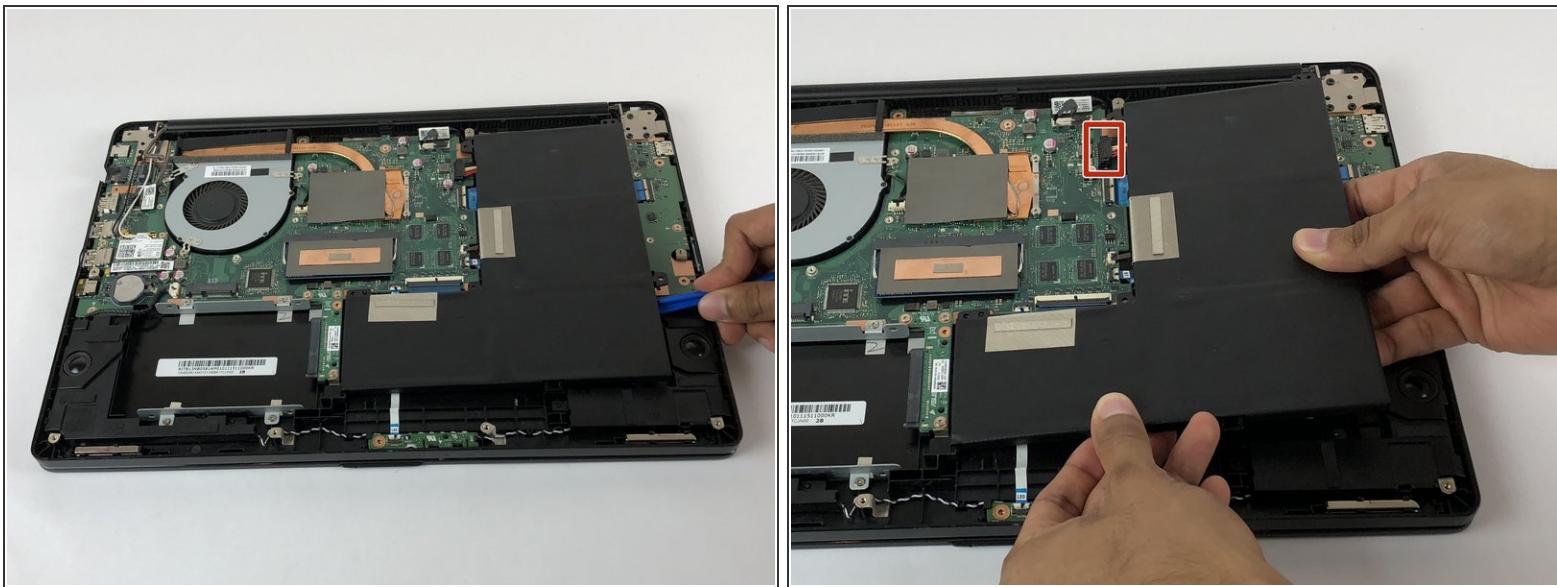
- Carefully insert a plastic opening tool under one corner of the back panel.
- Slide the tool along the seam to gently pry the panel up and away from the device.

## Step 3



- The battery is the large L-shaped block.
- Remove the five 5.5 mm Phillips #1 screws securing it.

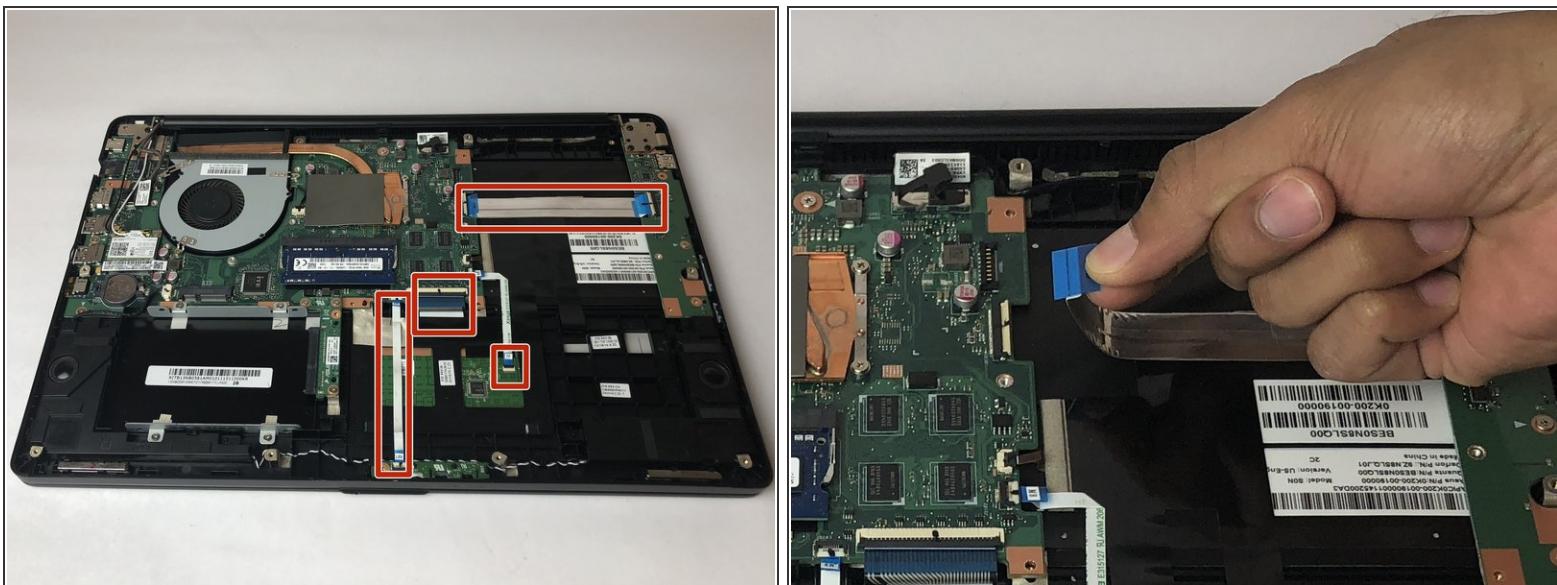
## Step 4



- Using a plastic opening tool, lift the battery straight upward to remove it.

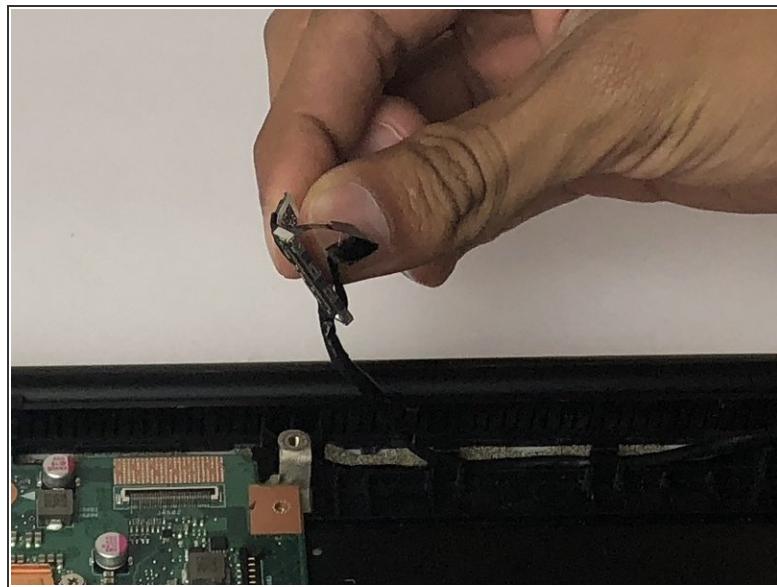
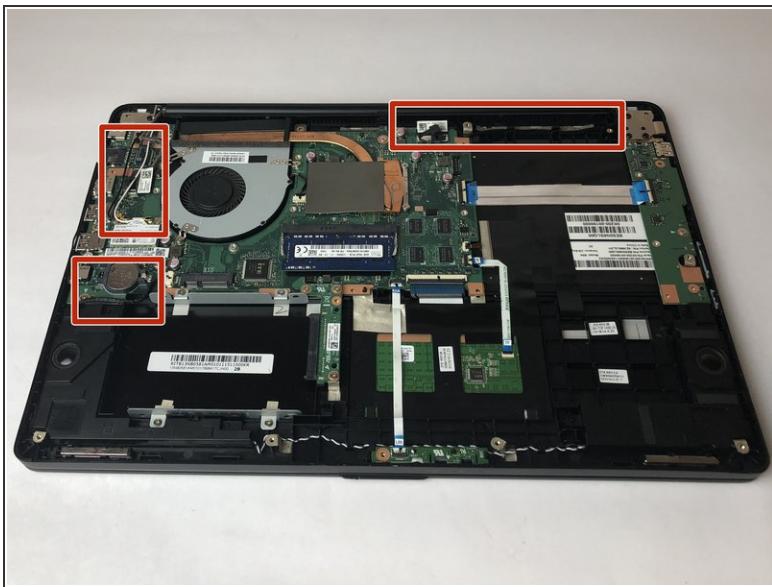
! There are a series of eight small wires connecting the battery to the motherboard. Make sure you gently lift the battery straight up to disconnect these wires and prevent damage.

## Step 5 — Motherboard



- Remove the four ribbons connected to the motherboard.

## Step 6



- Disconnect the five wires attached to the motherboard by pulling gently. There are three thin wires in the upper left corner.

## Step 7



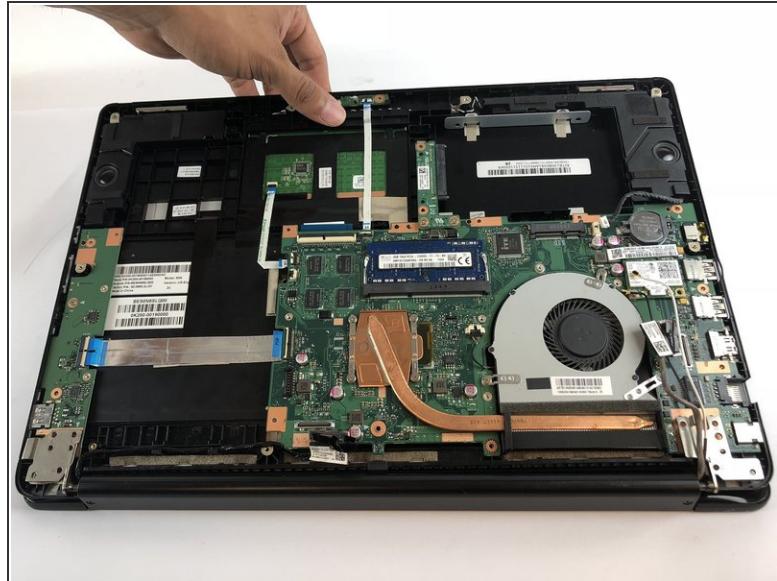
- Remove the two 5 mm Phillips #1 screws attaching the stabilizer to the motherboard

## Step 8



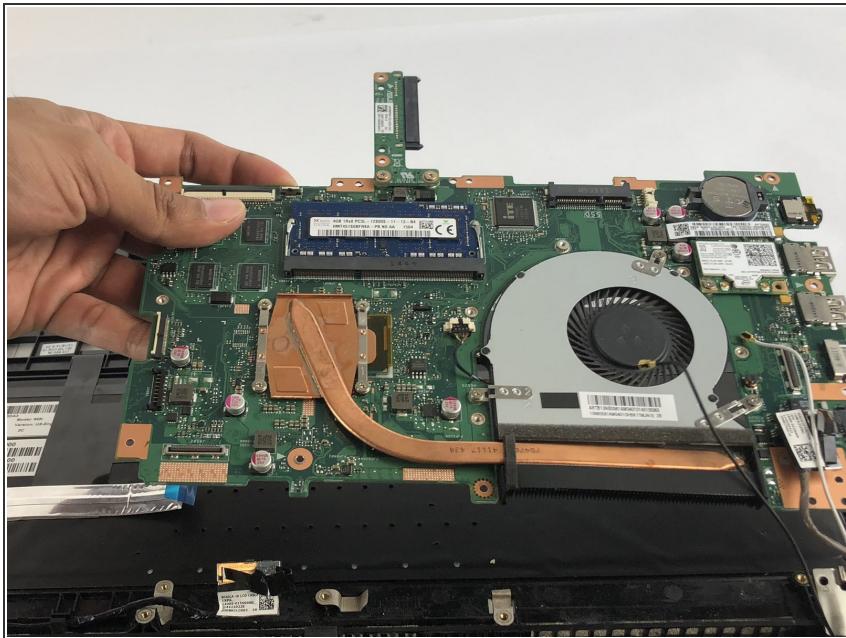
- Remove the four 5 mm Phillips #1 screws around the perimeter of the motherboard.

## Step 9



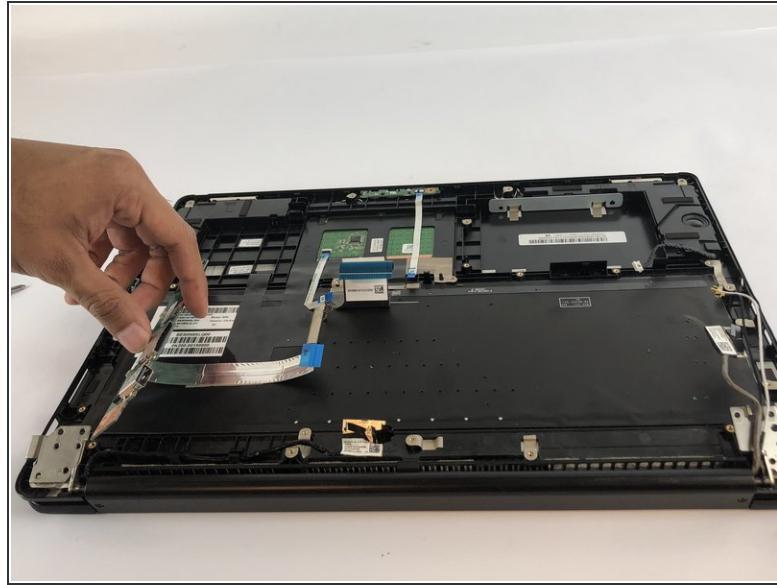
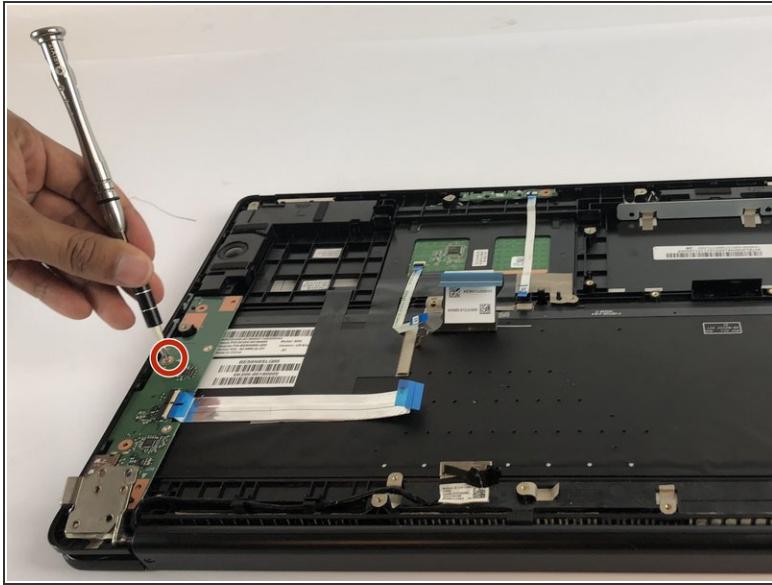
- Remove the six 5 mm Phillips #1 screws securing the silver plates to the motherboard.
- Open the laptop approximately 1/2" to loosen the hinge and release the motherboard.

## Step 10



- Gently lift the motherboard out and away from the laptop.

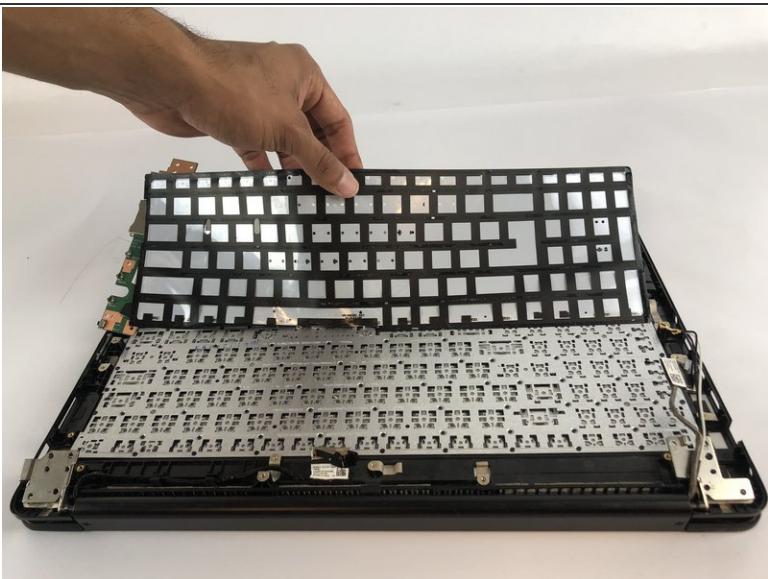
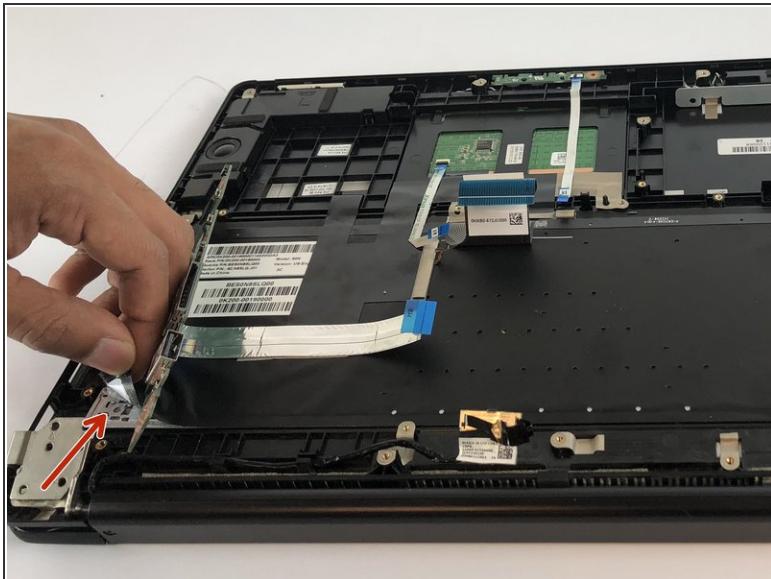
## Step 11 — Keyboard



- Remove the one 5 mm Phillips #1 screw.
- Pull out the green plastic in order to free the keyboard underneath.

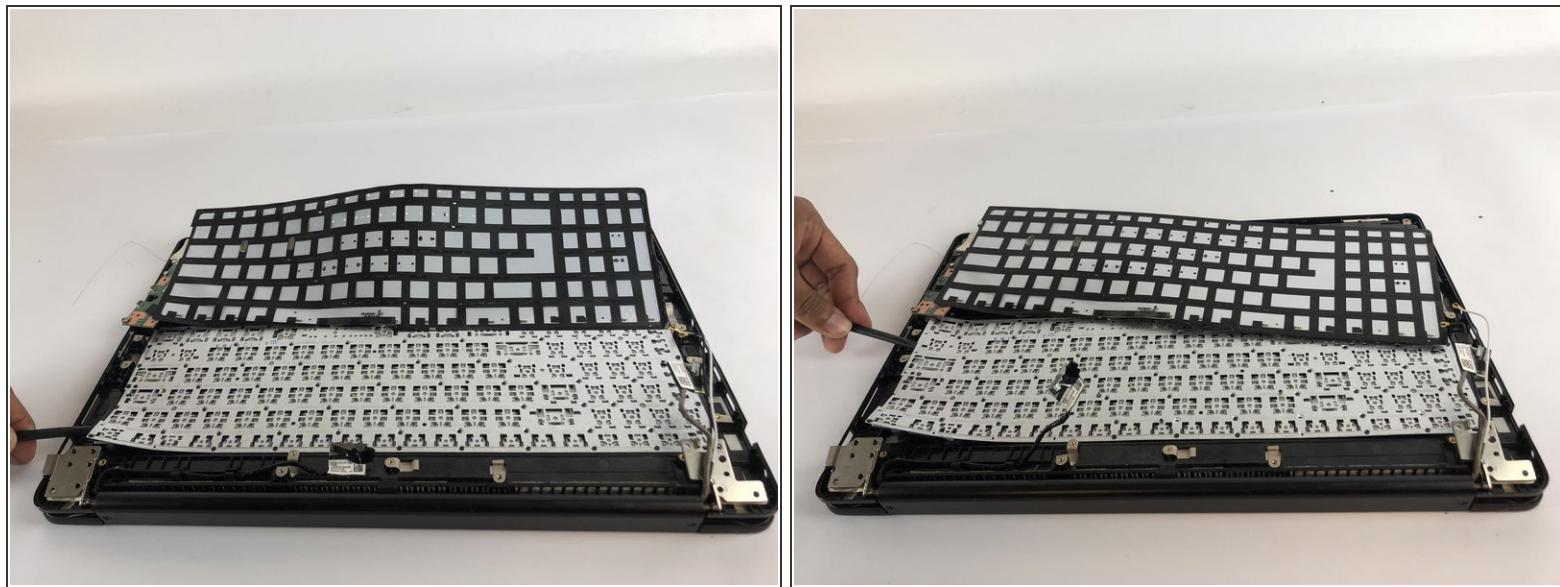
**(i)** It is not necessary to unattach the green plastic completely .

## Step 12



- Start peeling the black cover from the bottom left corner gently.
- Continue until the black cover is fully removed.

## Step 13



- Insert black Spudger in bottom left corner and lift the keyboard up.
- Slide the black Spudger underneath the keyboard to loosen it.

⚠ Little black pieces that hold the keyboard in place will pop out while you lift the keyboard up.

i This part is difficult and requires a gentle but forceful movement.

## Step 14



- Lift up the keyboard once it is loosened to remove it.

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