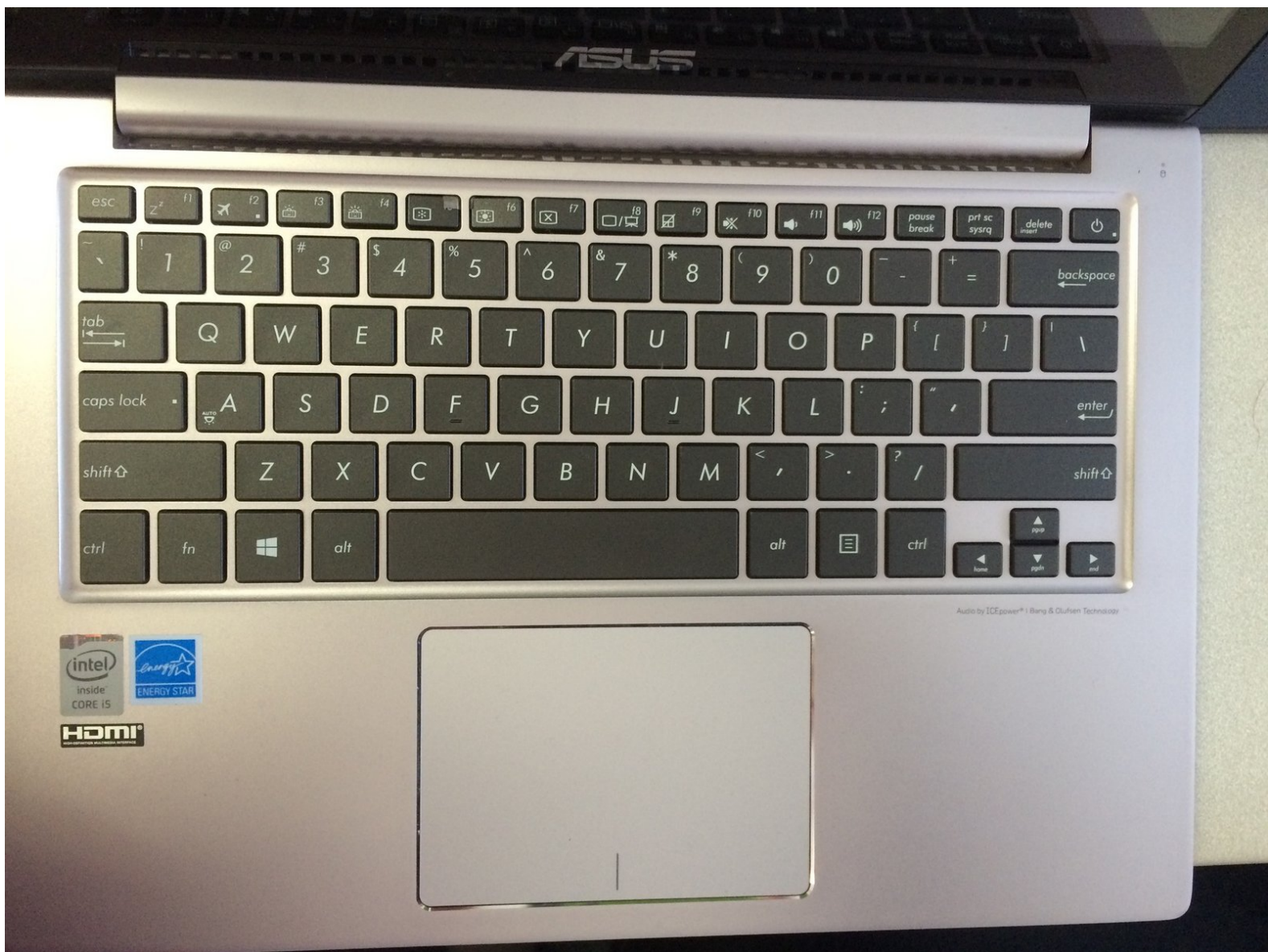




# Asus Zenbook UX303L Keyboard Replacement

The following guide will outline the steps on how to replace the keyboard on the ASUS Zenbook UX303L.

Written By: [Bianka Castaneda](#)



## INTRODUCTION

If your Asus Zenbook UX303L laptop has stiff or unresponsive keys, use this guide to replace the keyboard.

The keyboard inputs character data to the laptop through key presses called keystrokes. Faulty keys may cause unregistered keystrokes with no input of character data. An on-screen keyboard available through Windows or an external USB keyboard may be used until internal keyboard issues are resolved.

Before using this guide, be sure to review the [troubleshooting page](#) - unresponsive or stiff keys may be resolved without replacing the keyboard. Debris may be interfering with the keyboard or internal cables may have become disconnected.

Before starting a repair, make sure to power off your device completely and disconnect from any external power source.



### TOOLS:

- [T5 Torx Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)



### PARTS:

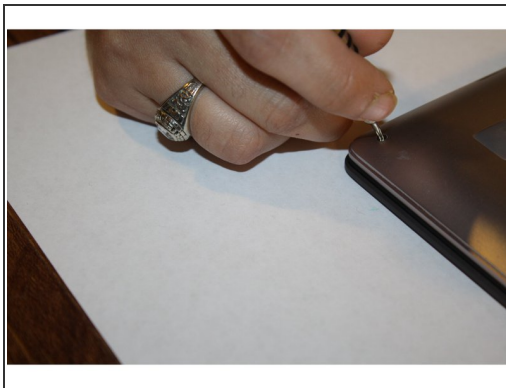
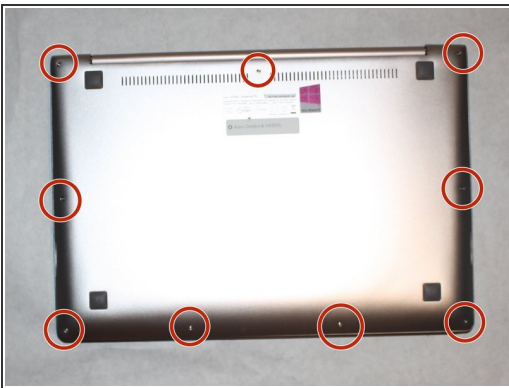
- [Keyboard for Asus Zenbook UX303L \(Grey\)](#) (1)

## Step 1 — Keyboard



- Make sure the device is turned off and disconnected from the battery charger.

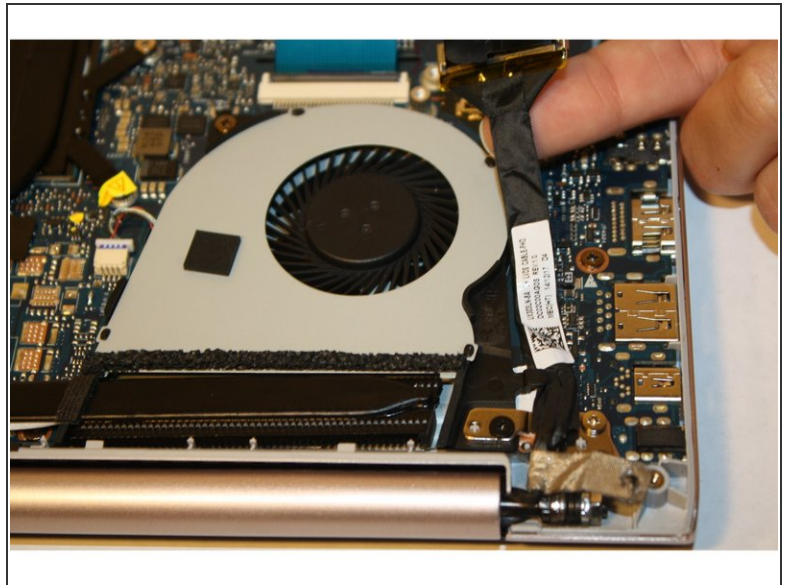
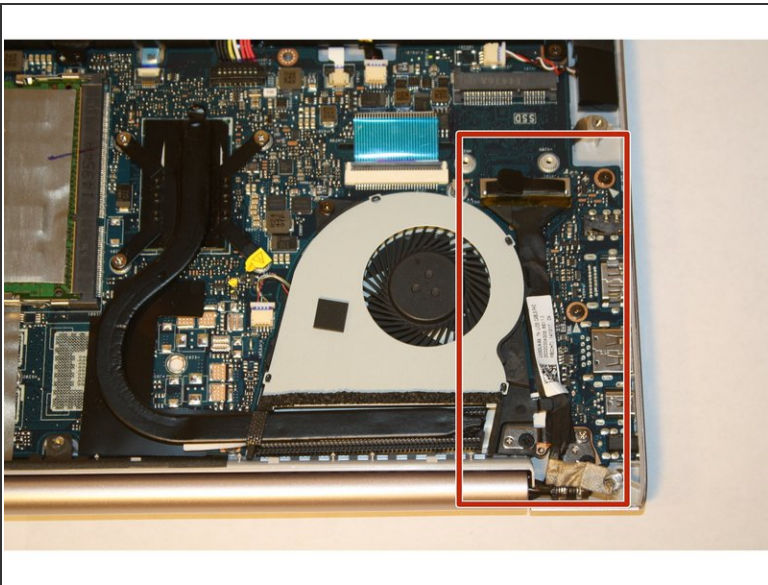
## Step 2



- Remove all the nine screws from the bottom of the device using a T5 screwdriver.
- Carefully remove the bottom cover.

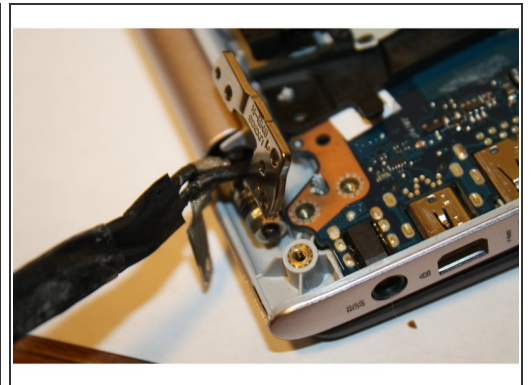
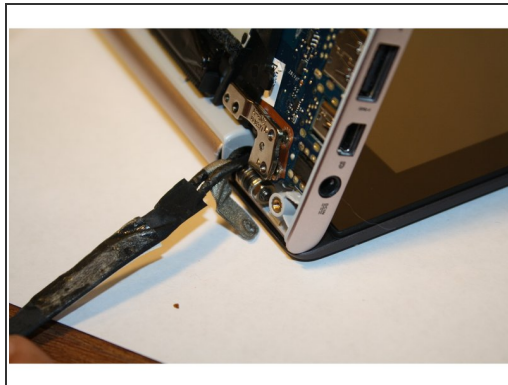
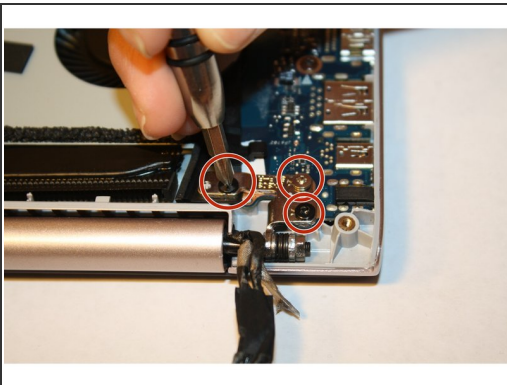


### Step 3



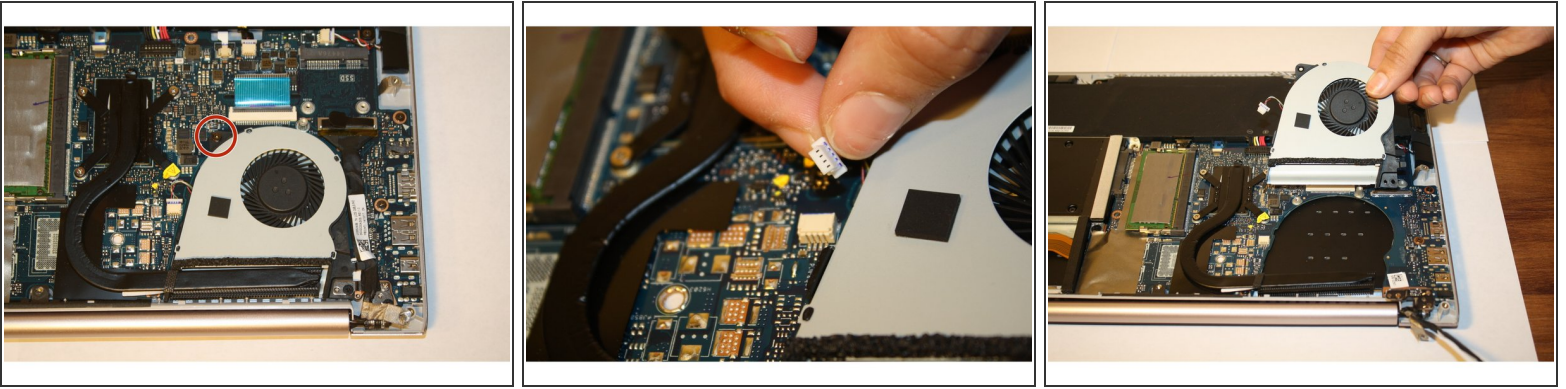
- Remove the LVDS cable next to the cooling fan.

### Step 4



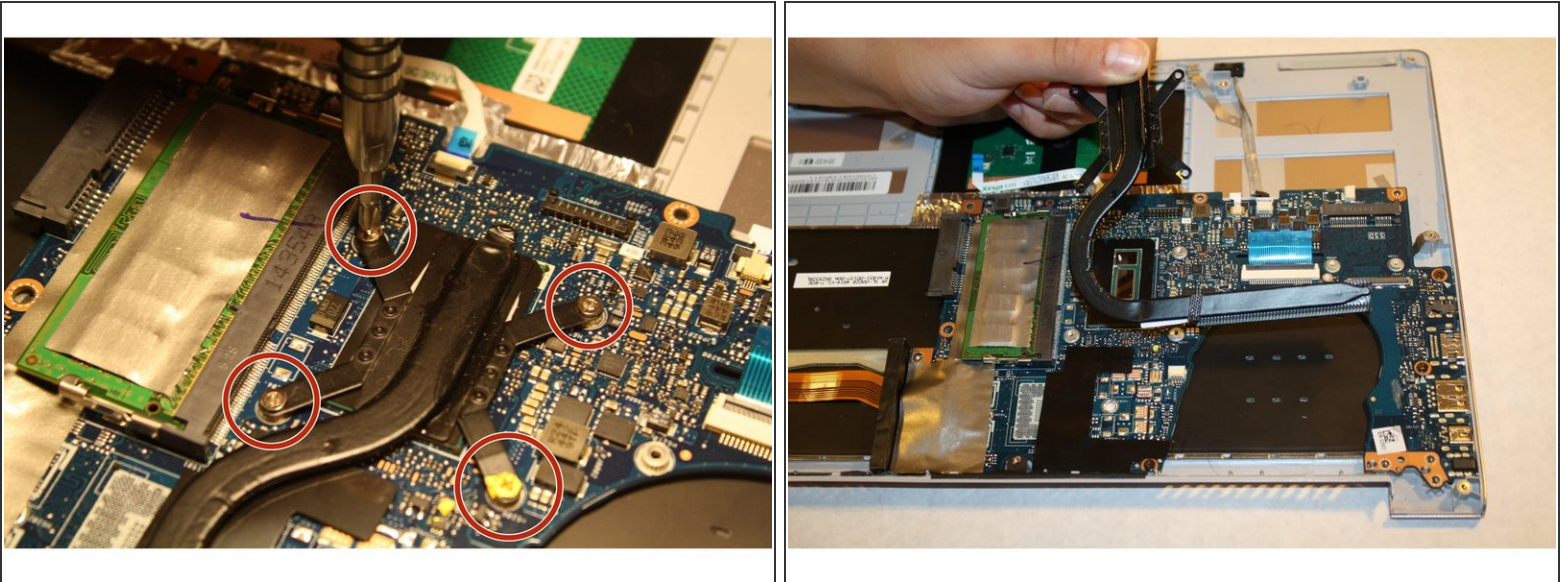
- Remove the three screws from the hinges using a PH-1 screwdriver.
- Open the device at a 90 degree angle to free the hinges.

## Step 5



- Remove the screw attaching the cooling fan to the motherboard by using a PH-1 screwdriver.
- Disconnect the wire attaching the cooling fan to the motherboard.
- Gently lift and pull out the cooling fan.

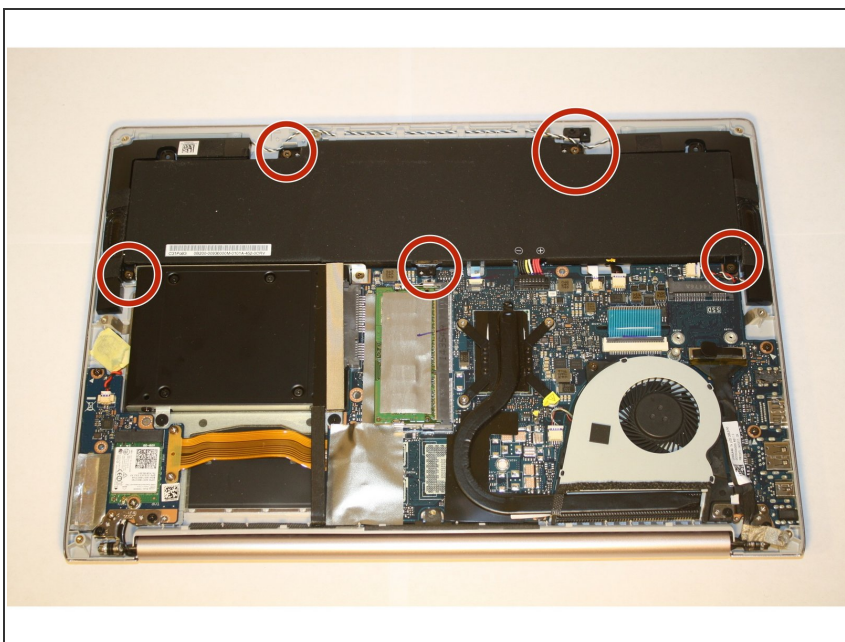
## Step 6



- Remove the four screws attached to the black covered copper bar next to the cooling fan using a PH-1 screwdriver.
- Gently lift and remove the copper bar.

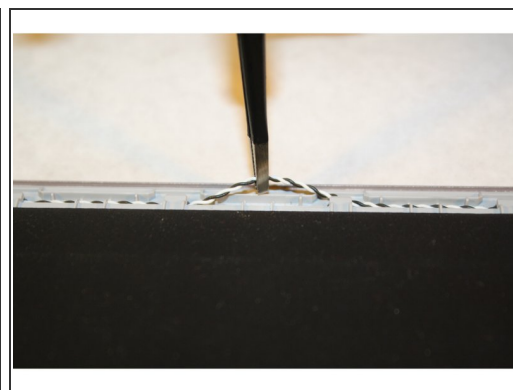
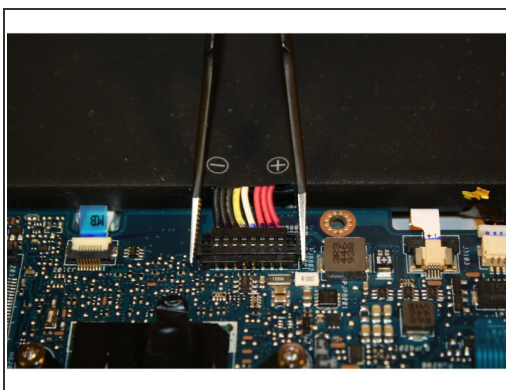
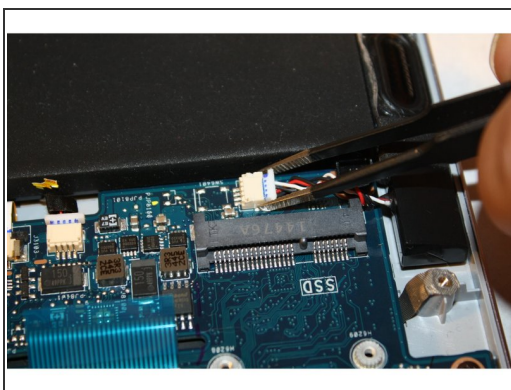


## Step 7



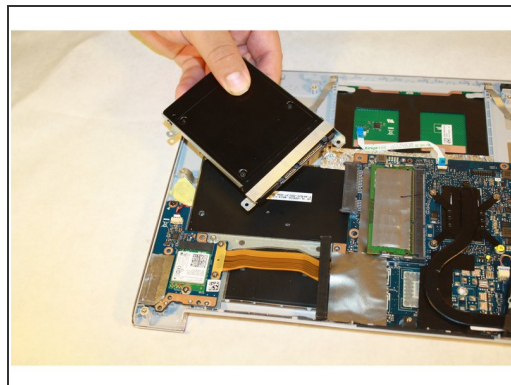
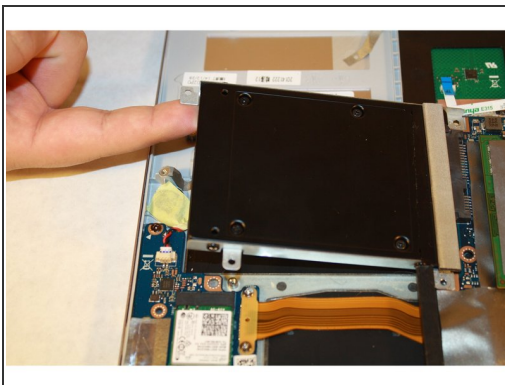
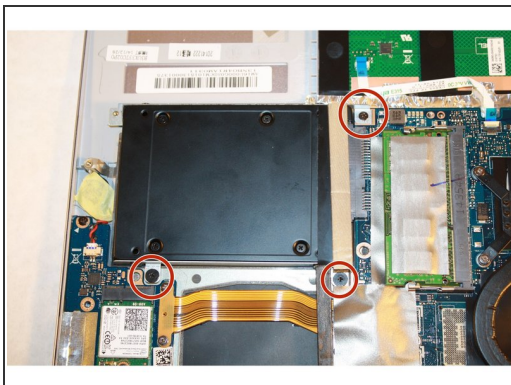
- Remove the five screws from the battery pack using a PH-1 screwdriver.

## Step 8



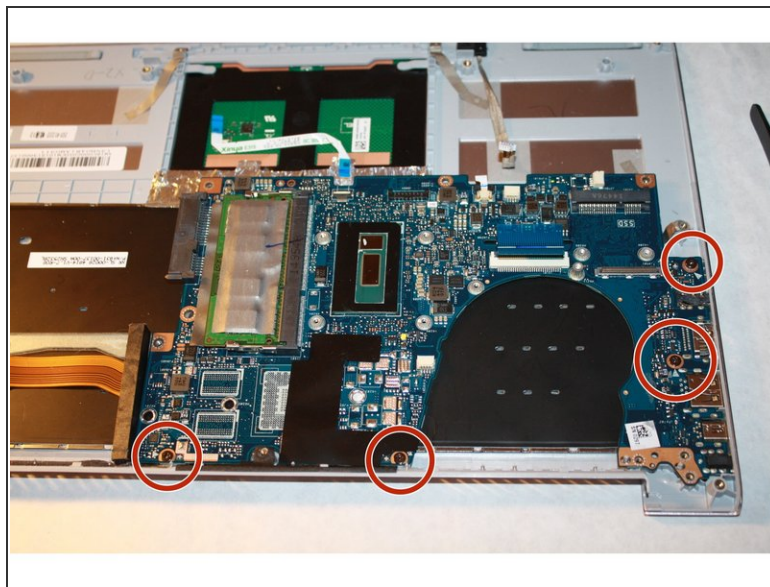
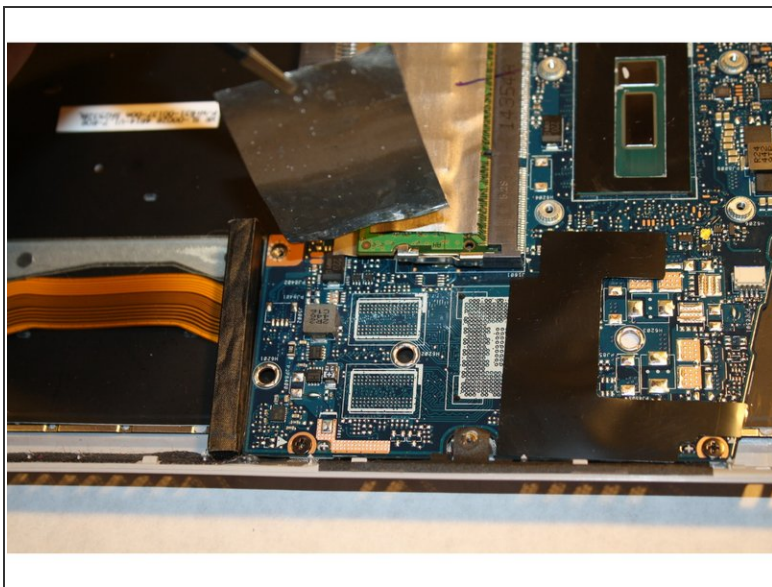
- Unhook the black, red, and white switch using the tweezers.
- Detach the positive and negative red, white, yellow, and black switch.
- Unhook the black and white coiled wire.
- Lift and remove the battery pack.

## Step 9



- Remove the three screws attaching the drive to the motherboard using a PH-1 screwdriver.
- Gently lift and pull out the drive.

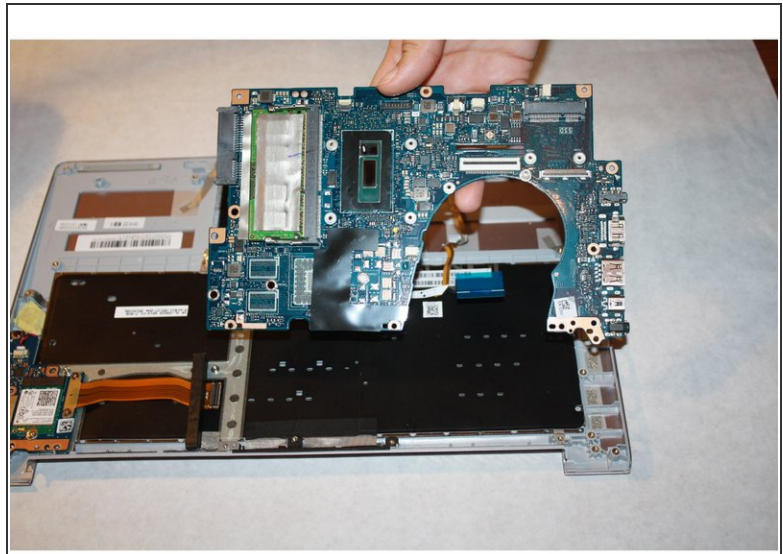
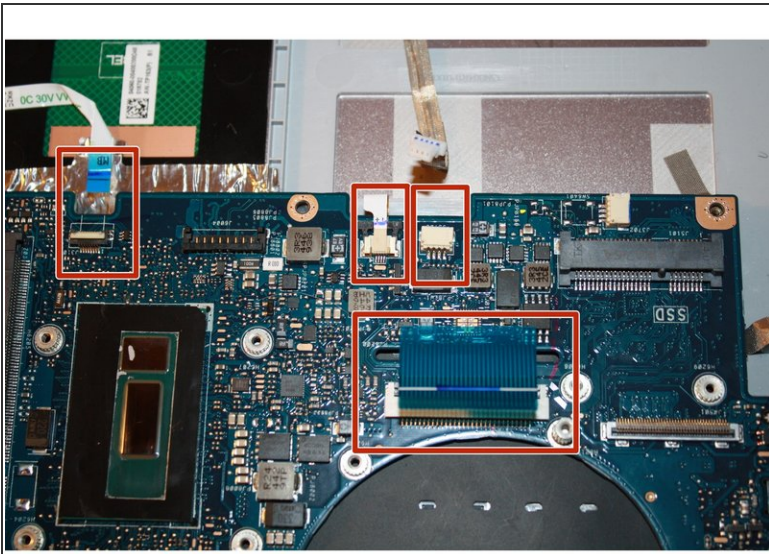
## Step 10



- Remove the silver tape to free the fourth screw attaching the motherboard.
- Remove the four screws attaching the motherboard using a PH-1 screwdriver.

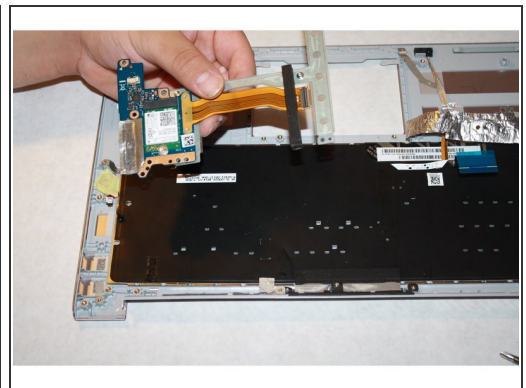
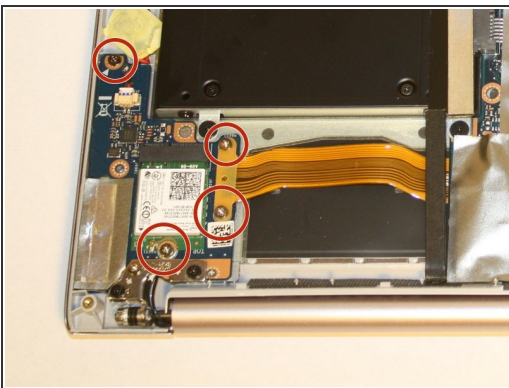


## Step 11



- Detach the four wires connected to the motherboard using tweezers.
- Gently lift up and pull out the motherboard.

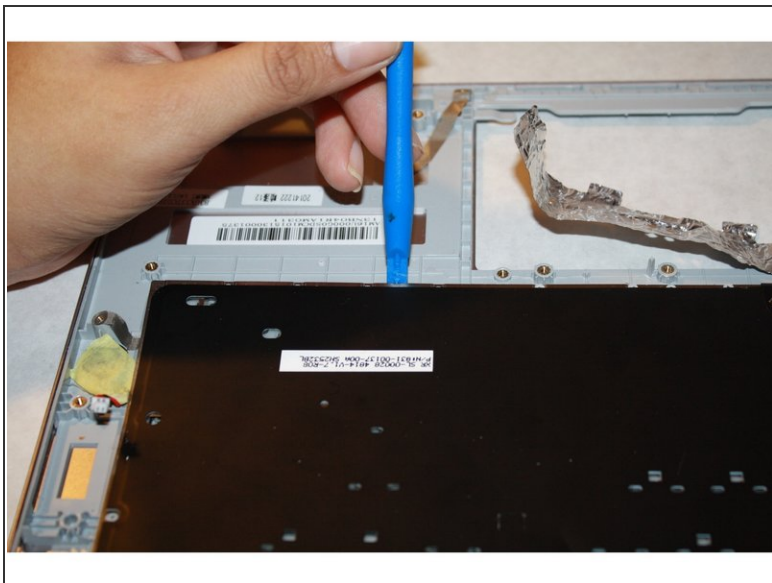
## Step 12



- Remove the small piece of the motherboard on the lower left hand corner by removing the four screws using a PH-1 screwdriver.
- Detach the black and red coiled wire from the motherboard using tweezers.
- Gently lift and remove the small piece of the motherboard.



## Step 13



- Place the plastic opening tool under the corners of the keyboard and use it to detach the keyboard all around.
- Gently lift and remove the keyboard from its place.

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