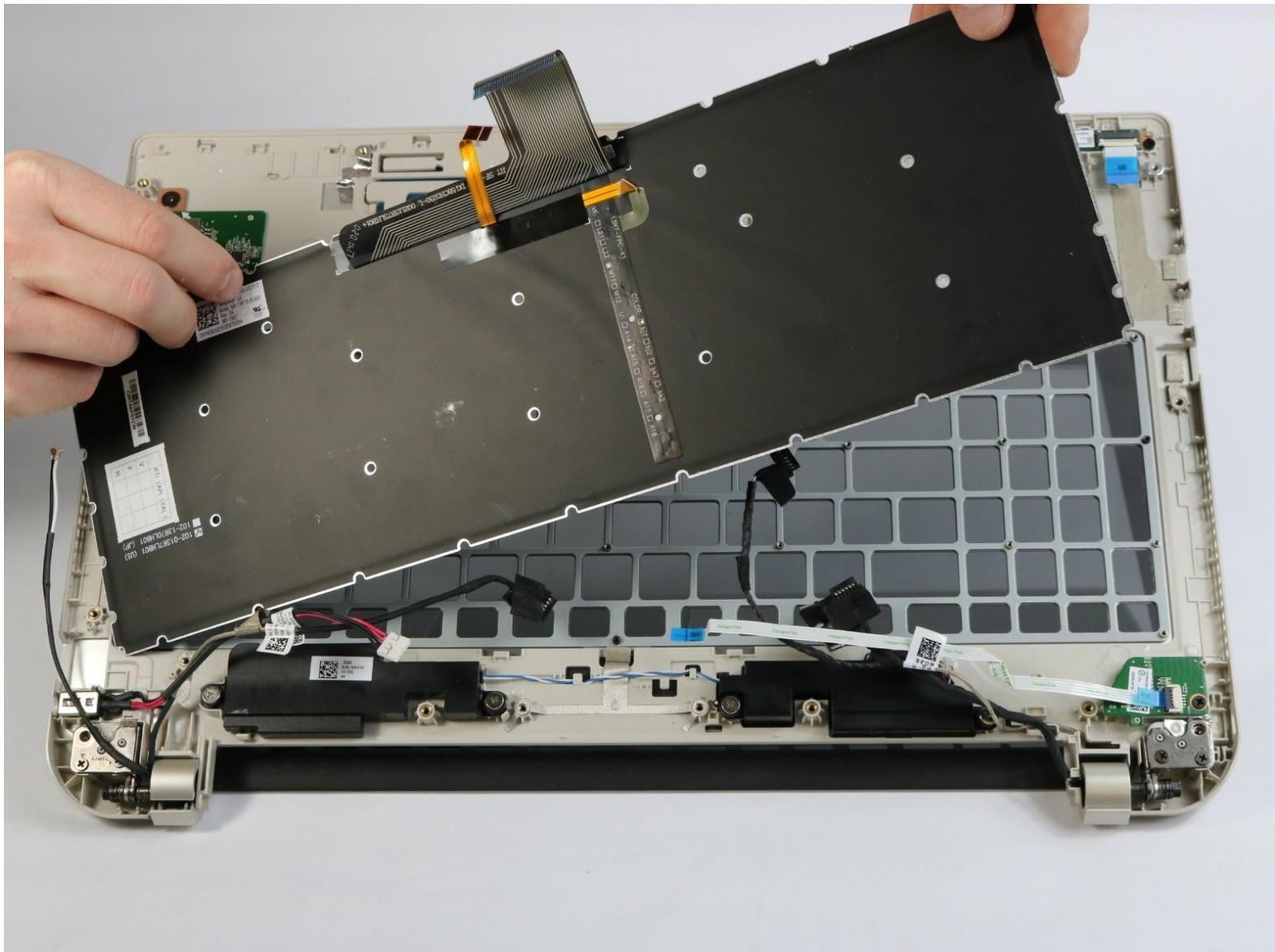




Toshiba Satellite S55T-B5335 Keyboard Replacement

This guide will aid in the replacement of a faulty keyboard

Written By: George Gillespie



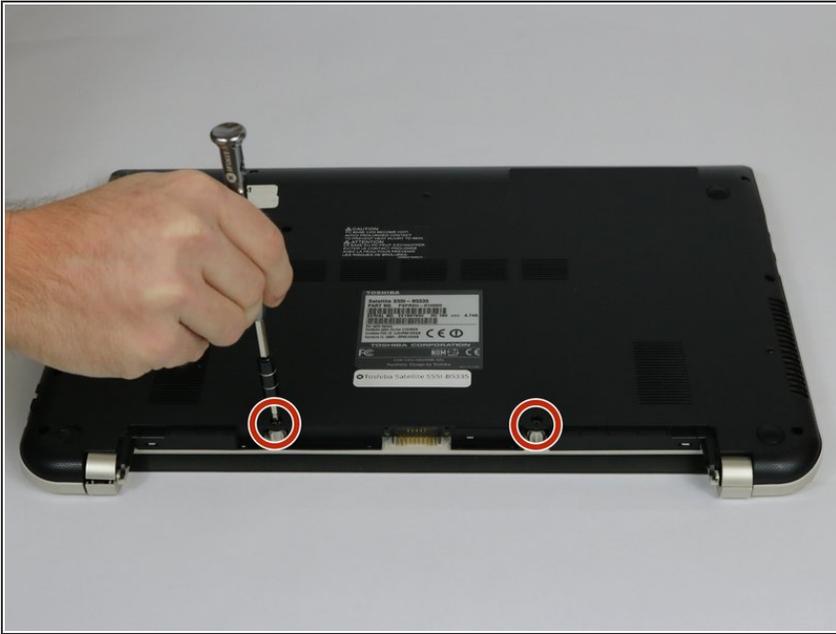
INTRODUCTION

The keyboard may need to be replaced when a key(s) does not work as intended. This is possibly the most difficult part to replace on this laptop as it requires the most parts to be removed. Please refer to the [Keyboard Troubleshooting Guide](#) to determine if your keyboard needs to be replaced.

TOOLS:

- [Heavy-Duty Spudger](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Battery



- Remove the two 7 mm Phillips #1 screws that hold the battery in place.

Step 2



- Pull the battery from laptop.

Step 3 — Bottom Cover



- Remove the ten 7 mm Phillips #1 screws that secure the back cover.

Step 4



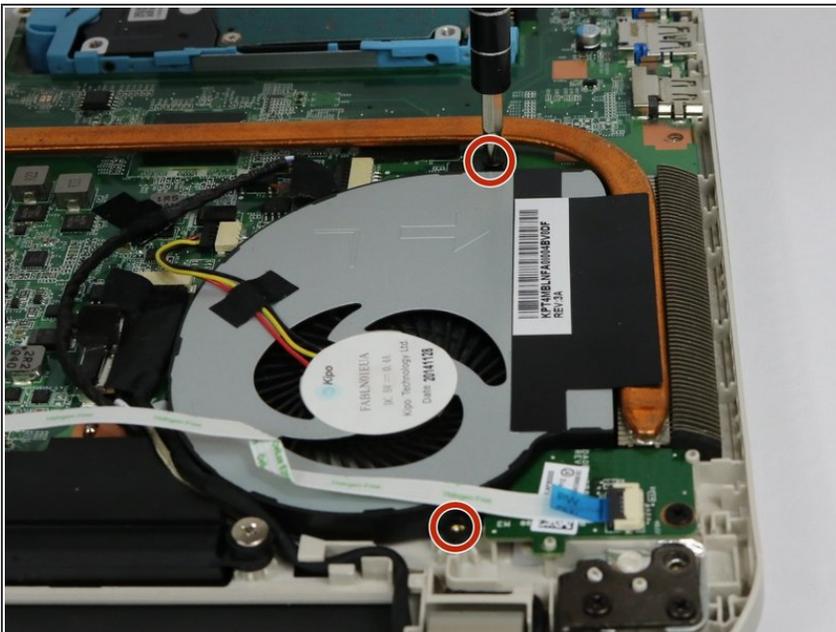
- Wedge the tip of a plastic opening tool between the back cover and the metal frame.
- Twist the plastic opening tool, while wedged, in order to release the retaining tabs from the frame.
- Repeat these steps in a circular pattern around the laptop to release all retaining tabs.

Step 5



- Once all retaining tabs are released from the frame, you can pull up on the back cover to remove it.

Step 6 — Cooling Fans



- Remove the two 3.5 mm Phillips #1 screws that hold the cooling fan in place.

Step 7



- Wedge the flat end of the spudger between the connector and its socket.
- Twist back and forth in order to pry the connector loose from its socket.
- ⓘ Although you can pull on the connector wires to remove it from the socket, it is not recommended until the connector is loose to prevent damage to the wires.

Step 8



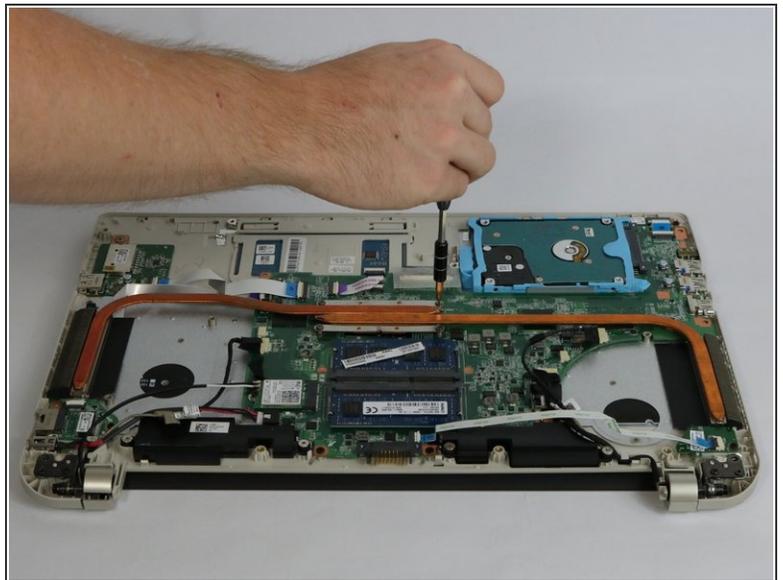
- Lift up on the cooling fan to remove it from the laptop.
- ⓘ Repeat steps 6-8 for the other cooling fan.

Step 9 — Motherboard



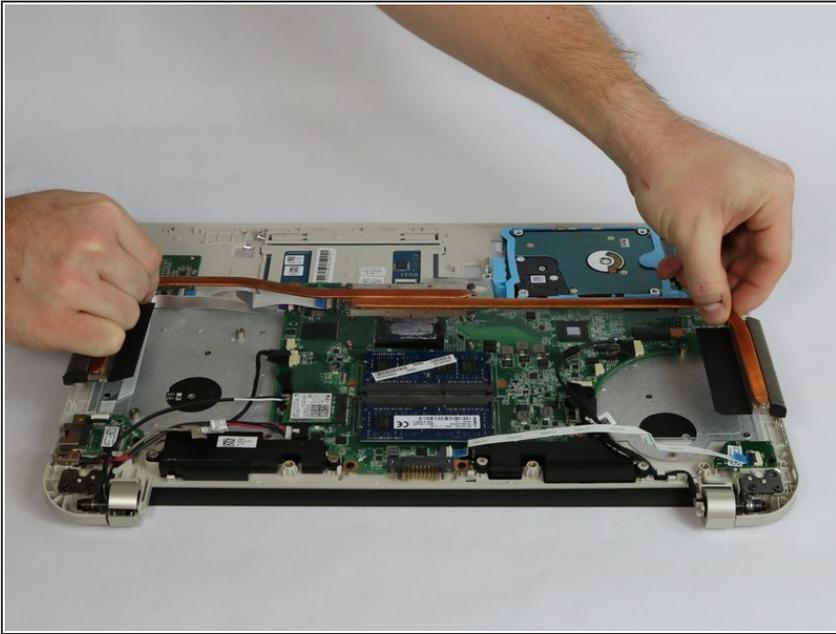
- Remove the three 4 mm Phillips #1 screws holding the motherboard in place.

Step 10



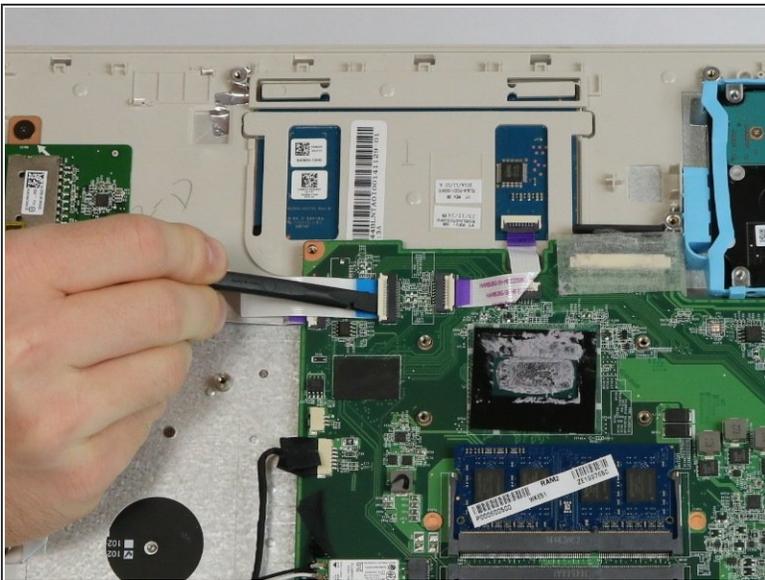
- Remove the four 4 mm Phillips #1 screws mounting the heat sink to the motherboard.

Step 11



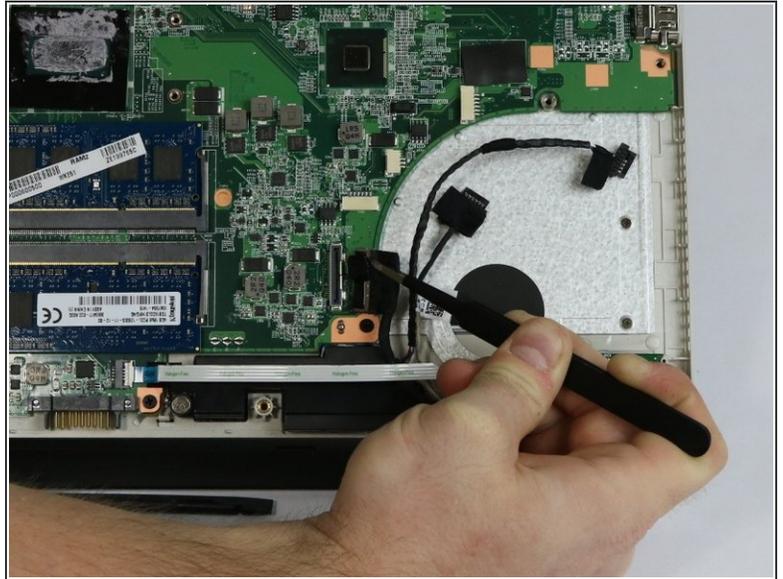
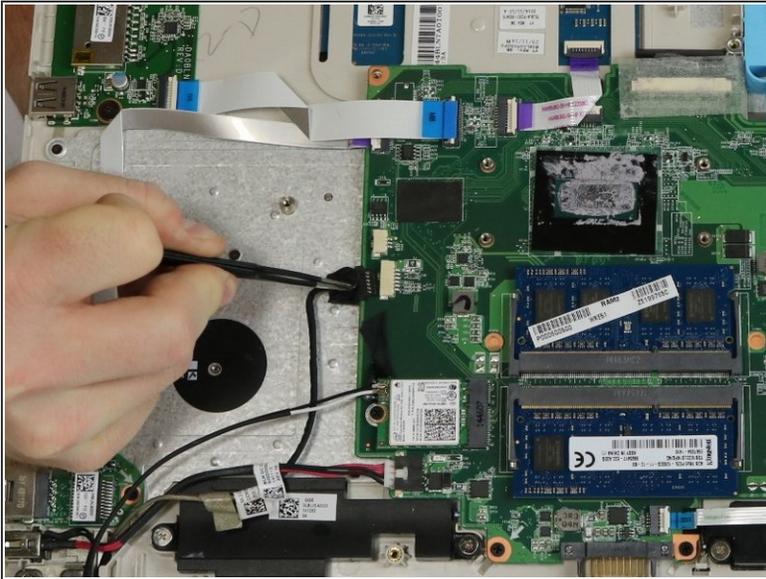
- Gently lift on either side of the heat sink to separate it from the laptop.
- ☑ When reassembling the device, be sure to [apply new thermal paste](#) to the heat sink and processor.

Step 12



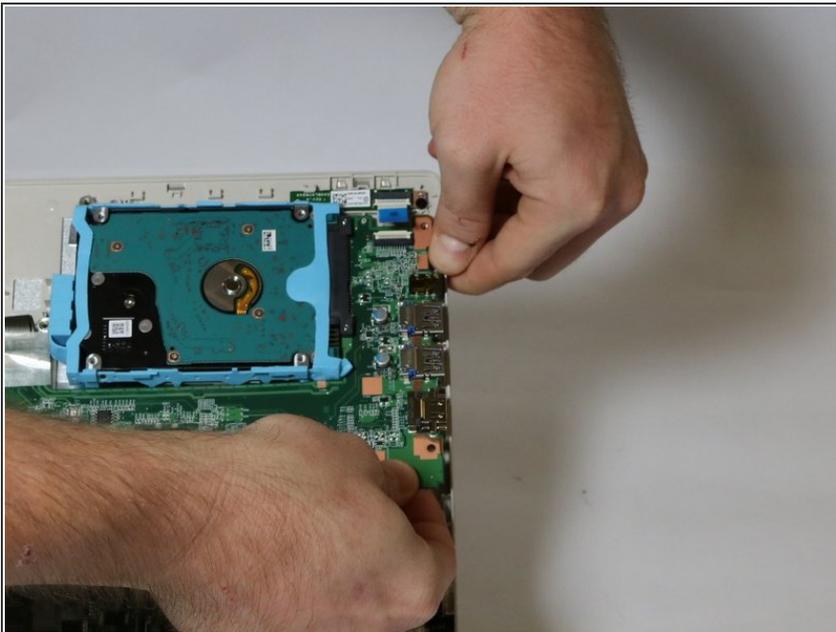
- On all ZIF (Zero Insertion Force) connectors, use a spudger to lift the lock.
- Use tweezers to pull on the designated pull tab to remove each ZIF connector.

Step 13



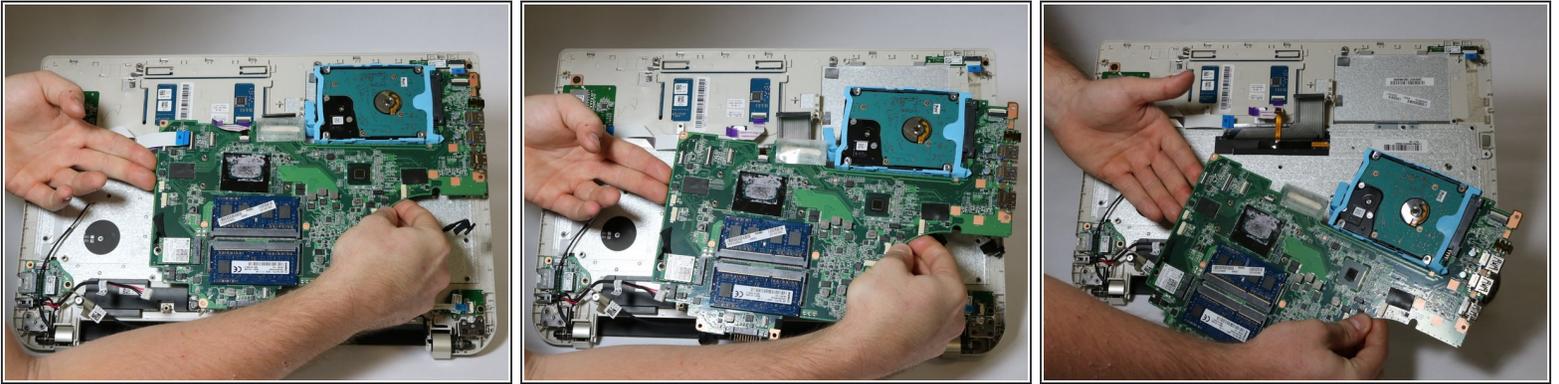
- On all No-Fuss Ribbon Cable Connectors use tweezers, on the designated tabs, to remove them.

Step 14



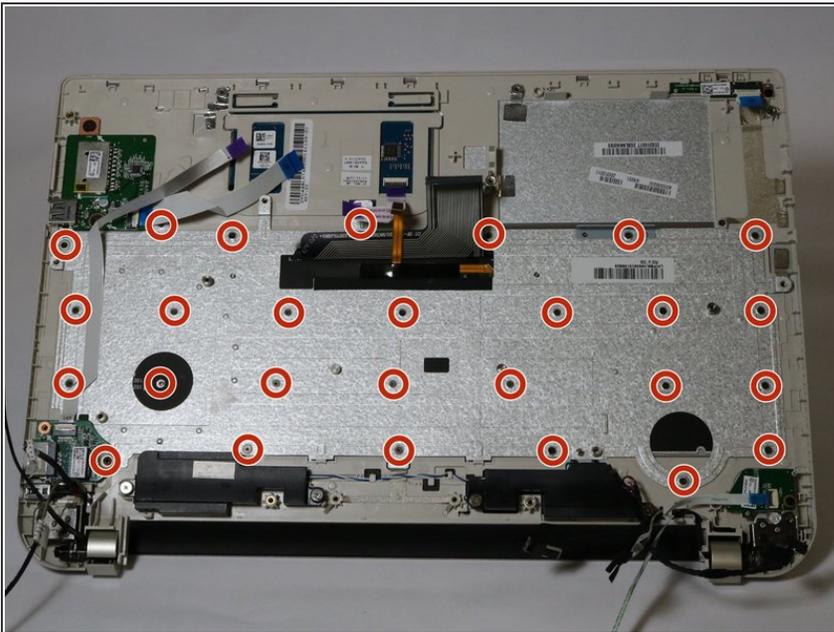
- Lift on the motherboard from the USB port area while pulling the frame away from motherboard.

Step 15



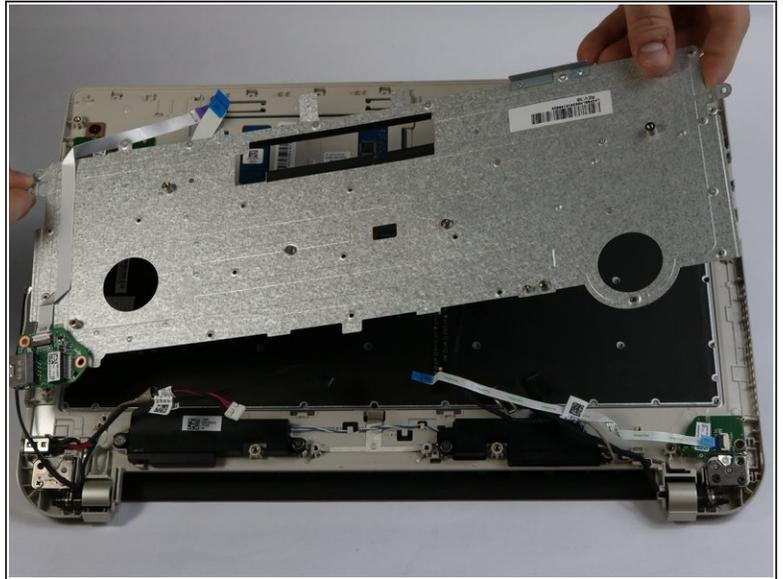
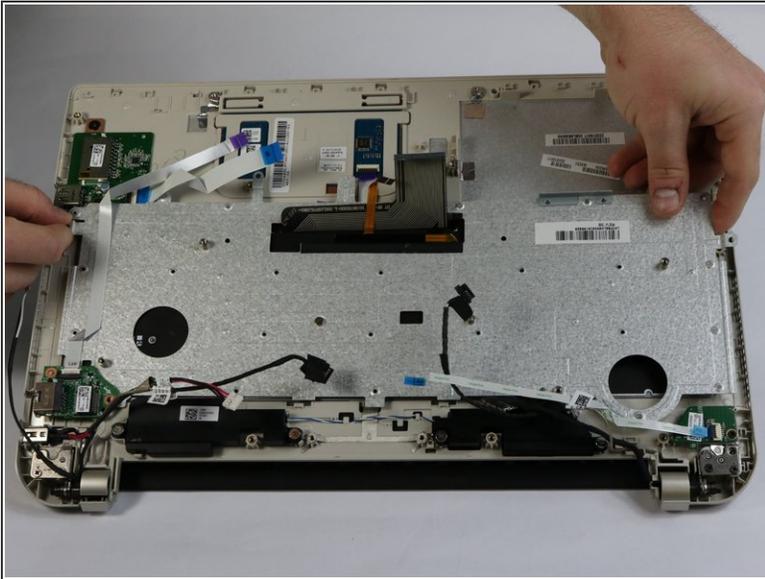
- Once all connectors are separated from the motherboard and the USB port area is freed, carefully lift on either side of the motherboard to remove it.

Step 16 — Keyboard



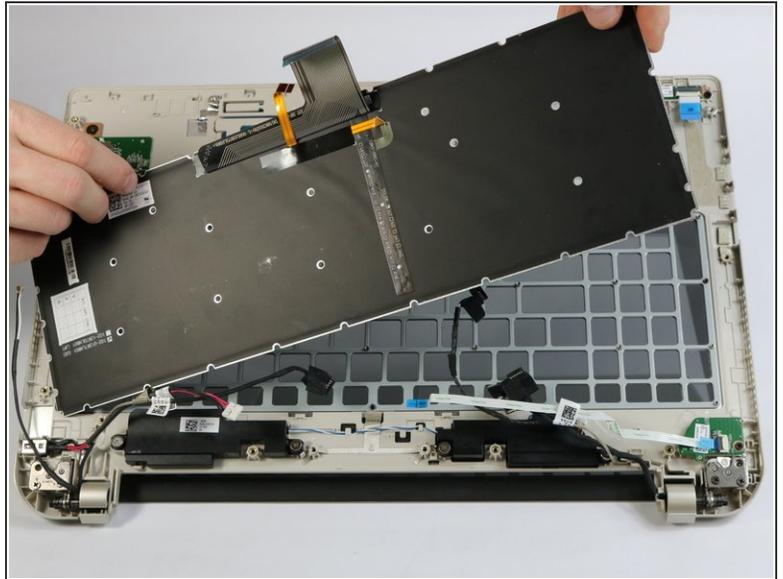
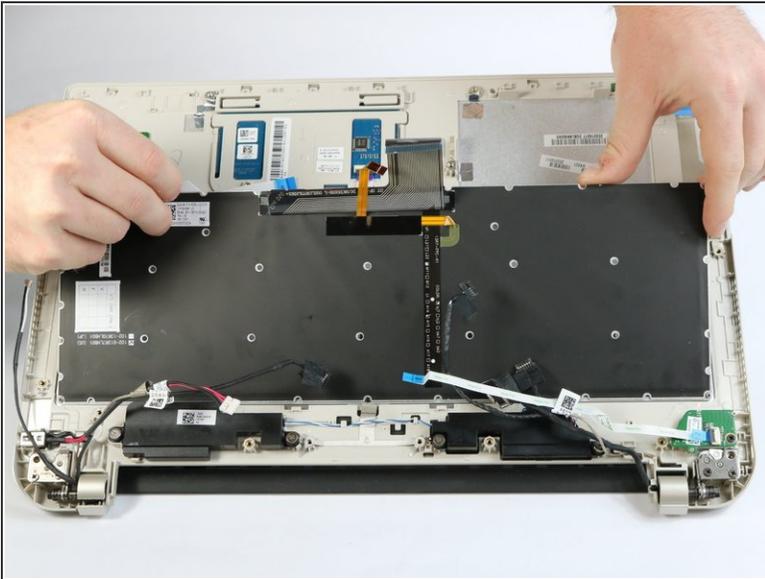
- Remove the twenty-seven 2 mm Phillips #0 screws that secure the keyboard retaining plate.

Step 17



- Carefully lift the keyboard retaining plate away from the laptop making sure not to damage any connectors.

Step 18



- Lift up on the keyboard to remove it from the laptop.

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