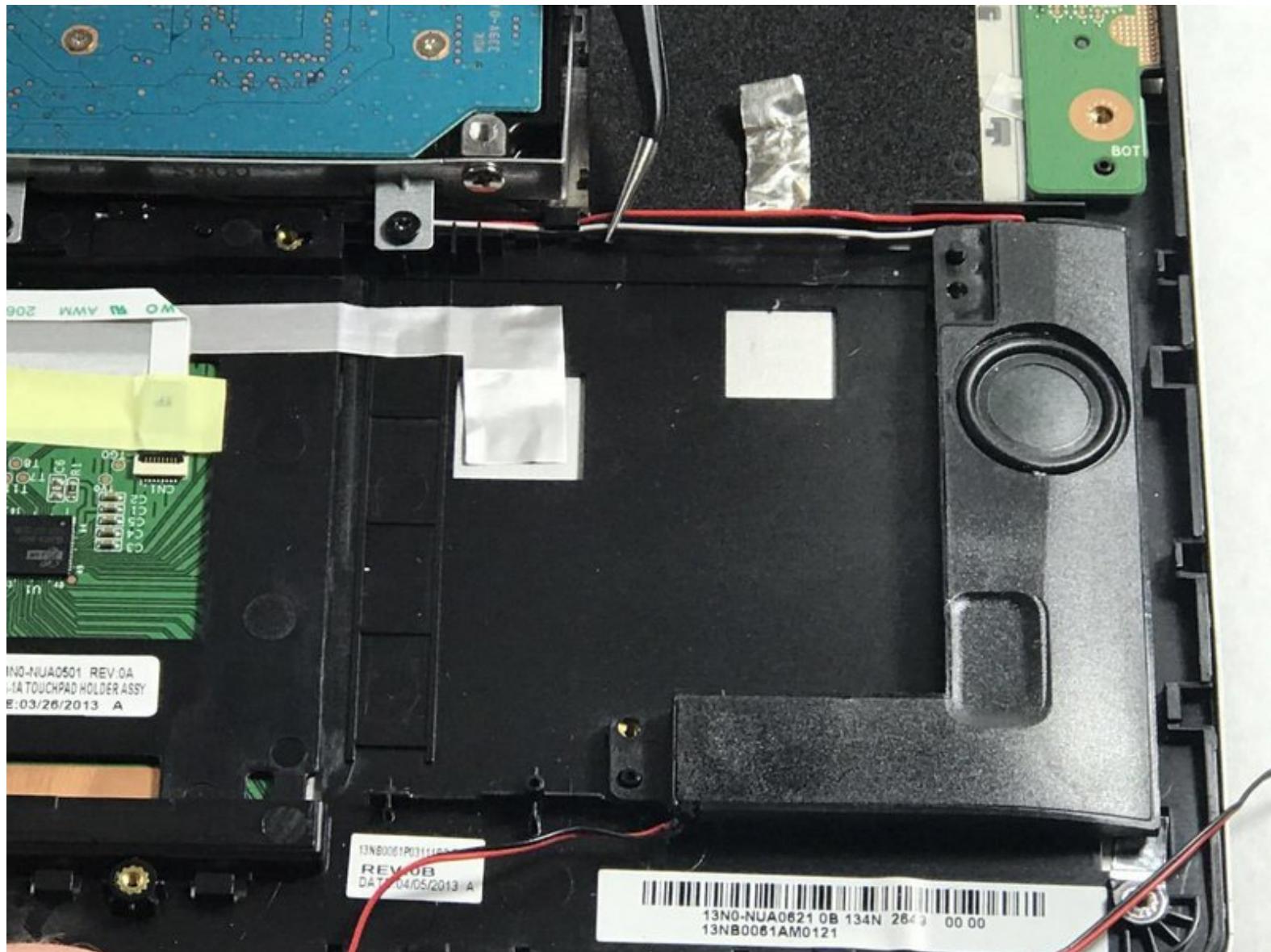




Asus V500CA-DB51T Speaker Replacement

How to replace the Speakers.

Written By: Galen P Garofalo



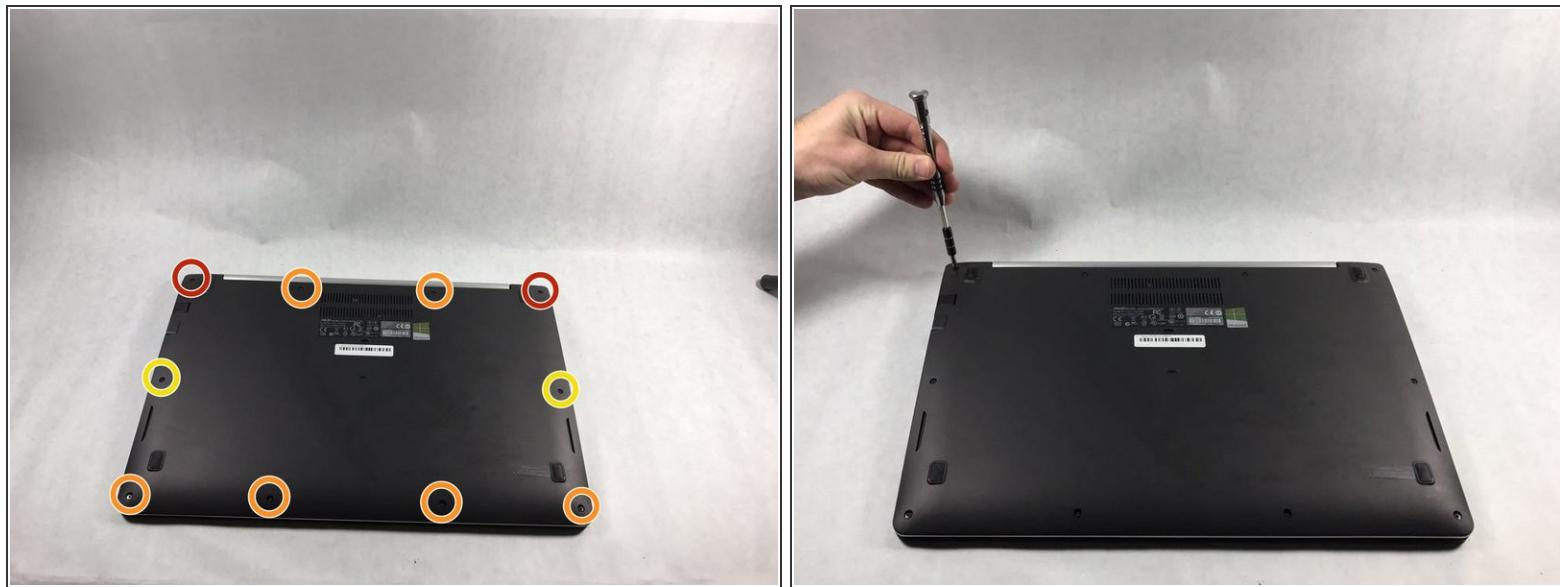
INTRODUCTION

In this guide, you will learn how to replace the speakers in the Asus V500CA-DB51T. This guide was made to help with replacing broken or defective speakers, and is a moderately challenging repair.

TOOLS:

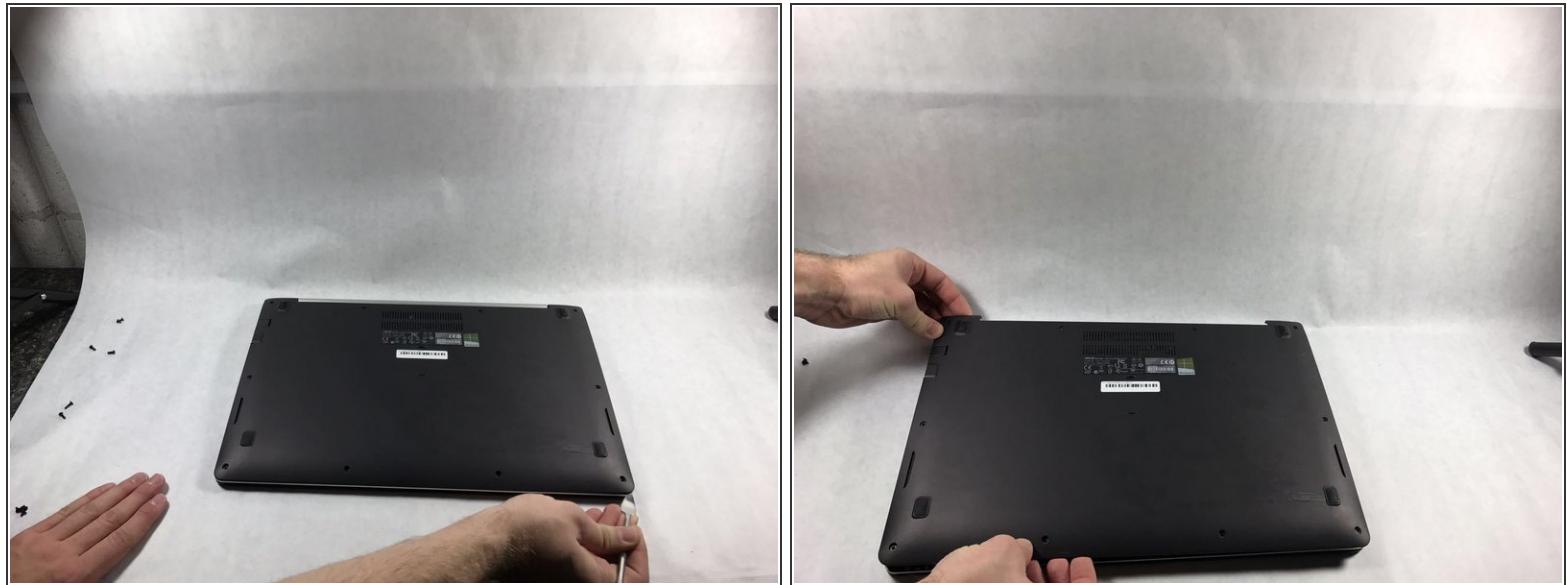
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [Tweezers](#) (1)

Step 1 — Battery



- Remove the following ten screws securing the lower case to the upper case:
- The top left and right corners have .7 cm screws.
- The two top-middle and four bottom are .4 cm screws.
- The middle left and right are .8 cm screws.
- Remove the screws using the Phillips #00 screwdriver.

Step 2



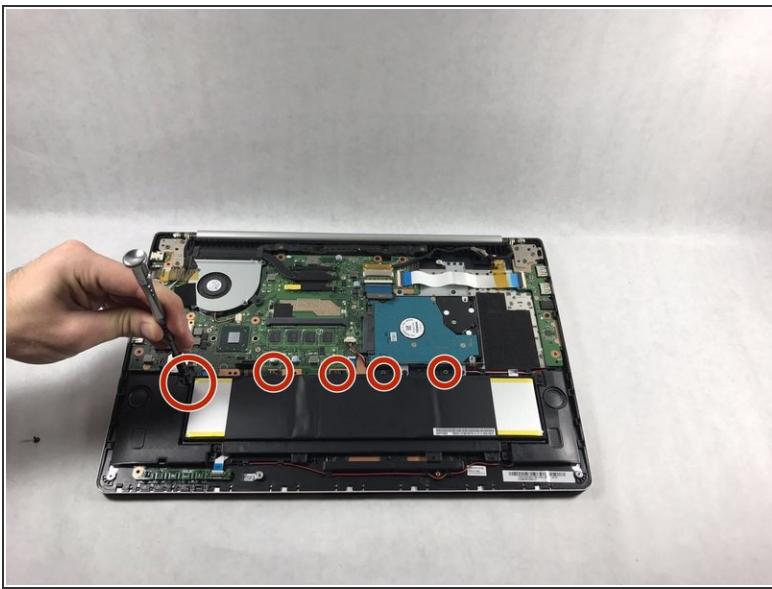
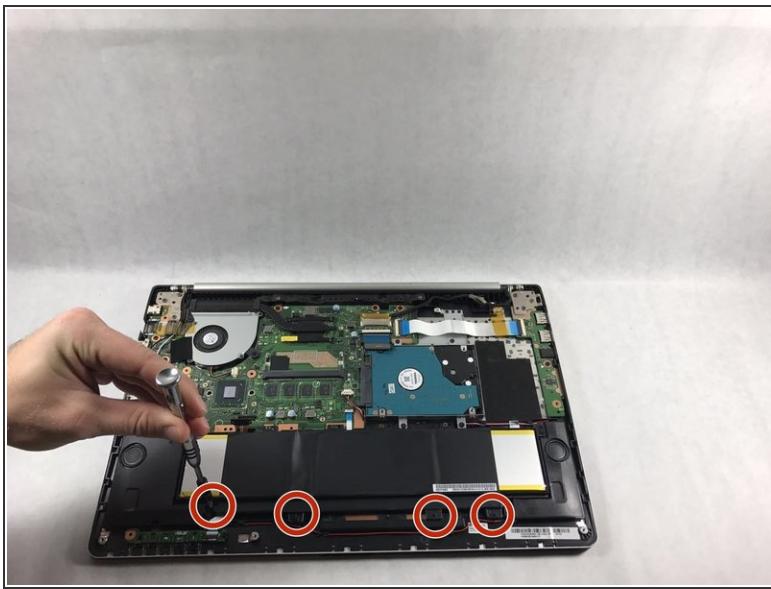
- Wedge your fingers between the upper case and the lower case.
- Gently pull the lower case away from the upper case.
- Remove the lower case and set it aside.

Step 3



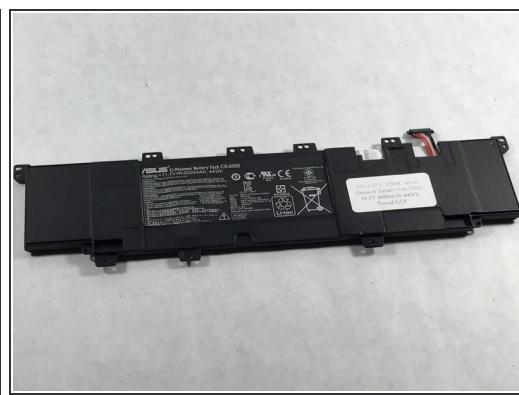
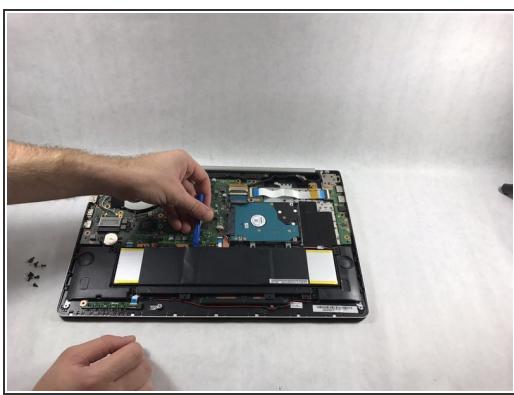
- Use the flat end of the blue plastic opening tool to lift the battery connector up out of its socket on the motherboard.

Step 4



- Remove the tri-point screws that secure the battery to the casing.
- All screws securing the battery in place are .5 cm tri-point screws.

Step 5



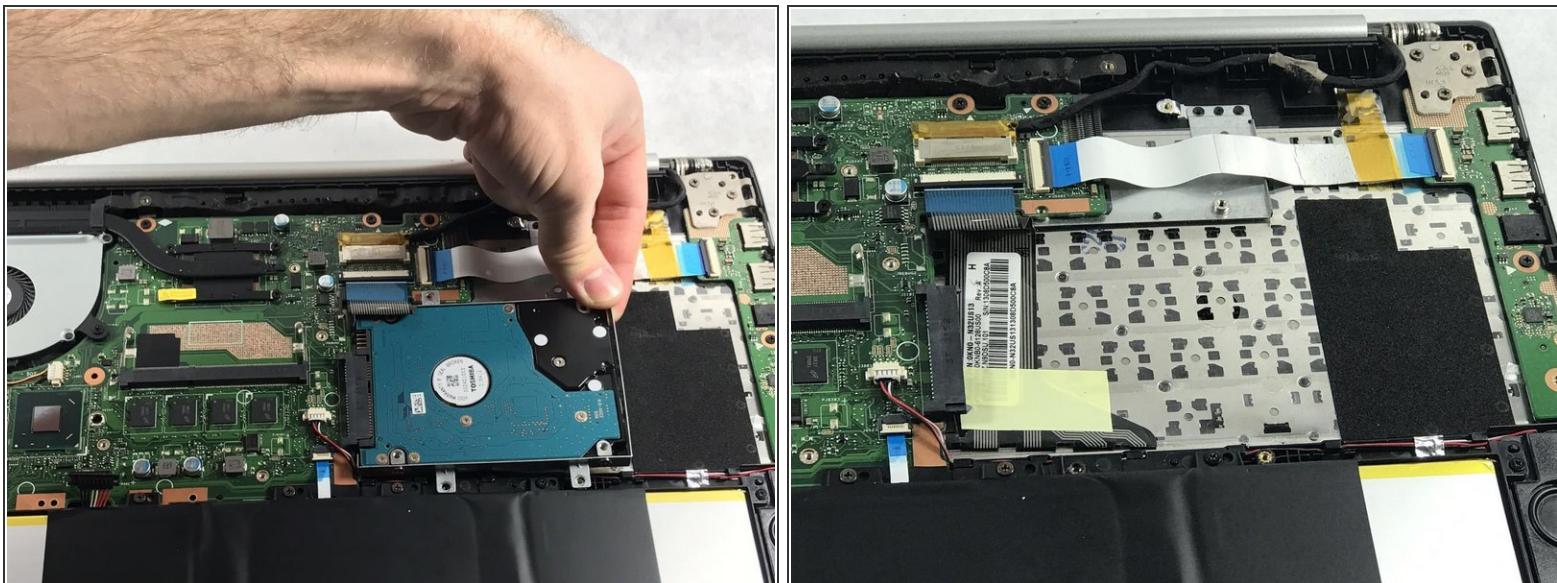
- Use the opening tool to pop up the battery away from the casing.

Step 6 — Hard Drive



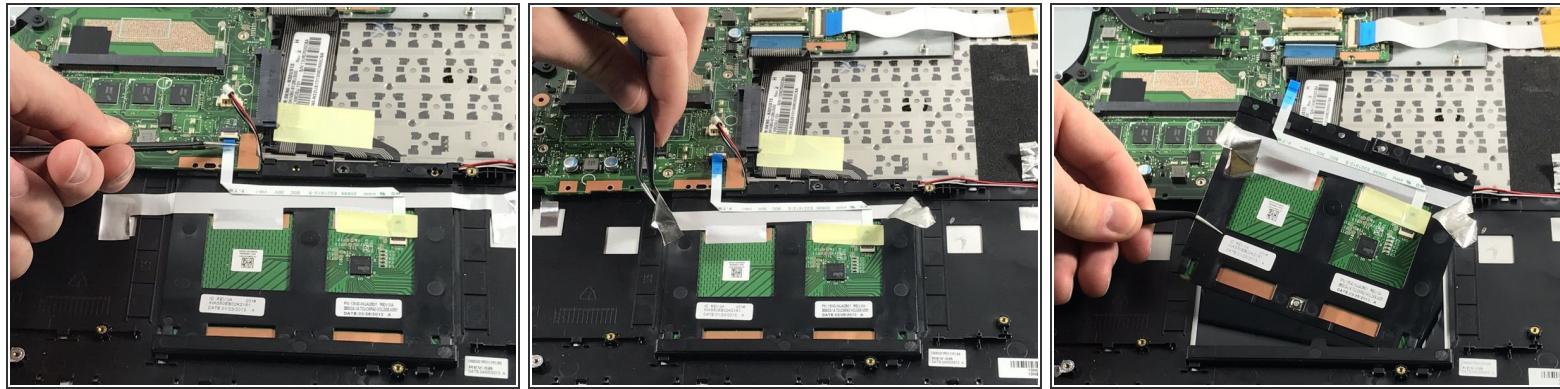
- Remove the following screws securing the battery connector board to the logic board:
 - The red screws are size 2.3 cm T6 Torx
 - The orange screws are size 2.4 cm T6 Torx

Step 7



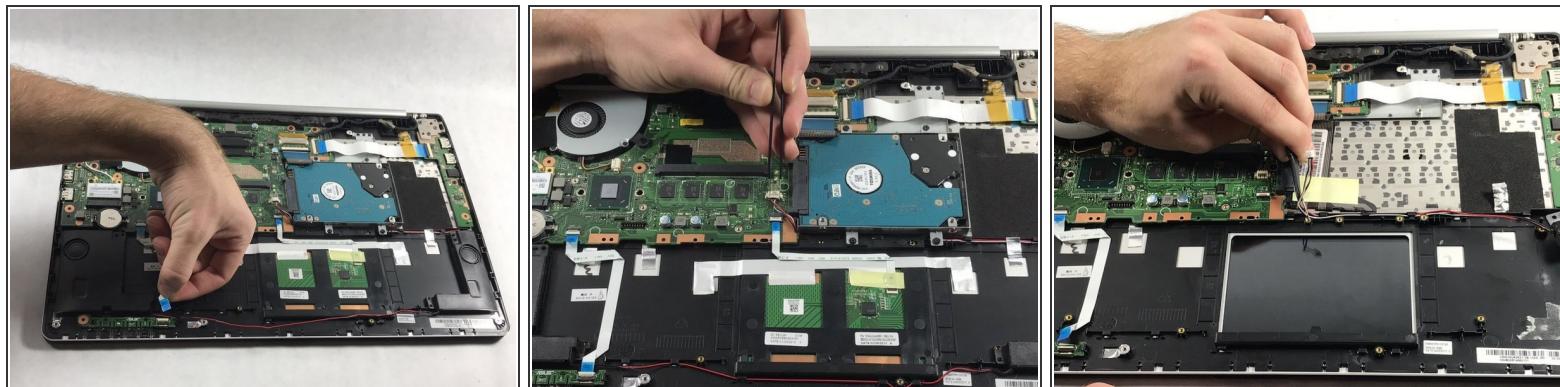
- Remove the SSD (Solid State Drive) assembly from the upper case.

Step 8 — Speaker



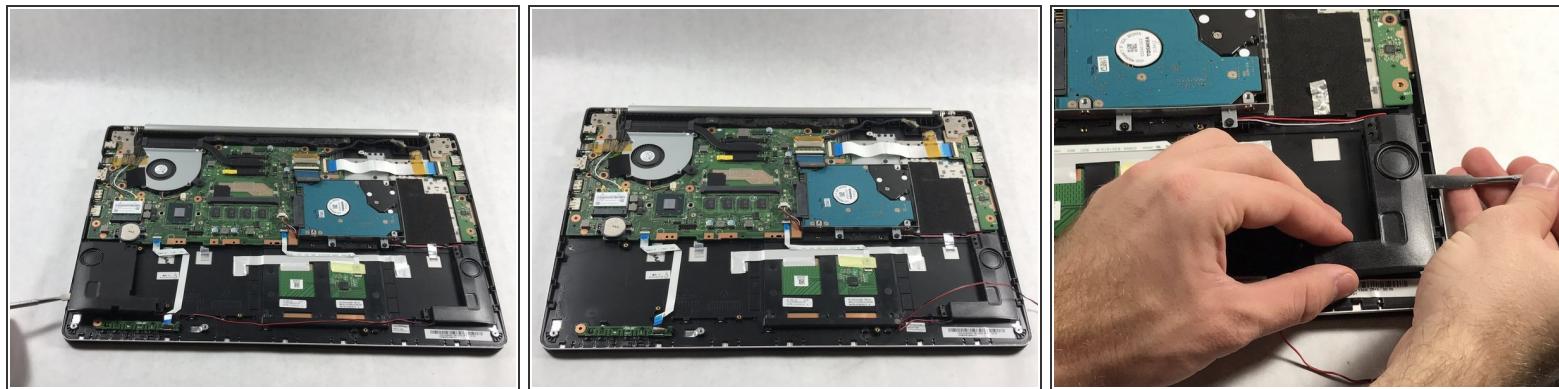
- Using the tweezers gently remove the ribbon cable.
- Also using the tweezers pry off the metallic tape on both sides of the mouse pad.
- Remove the mouse pad from the main assembly.

Step 9



- Remove the ribbon cable for the LED lights.
- Remove the speaker wire cable from the main board.
- Slowly pull the speaker wire from the assembly.

Step 10



- Gently pry the left speaker from the assembly.
- Then pry the right speaker from the assembly.

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