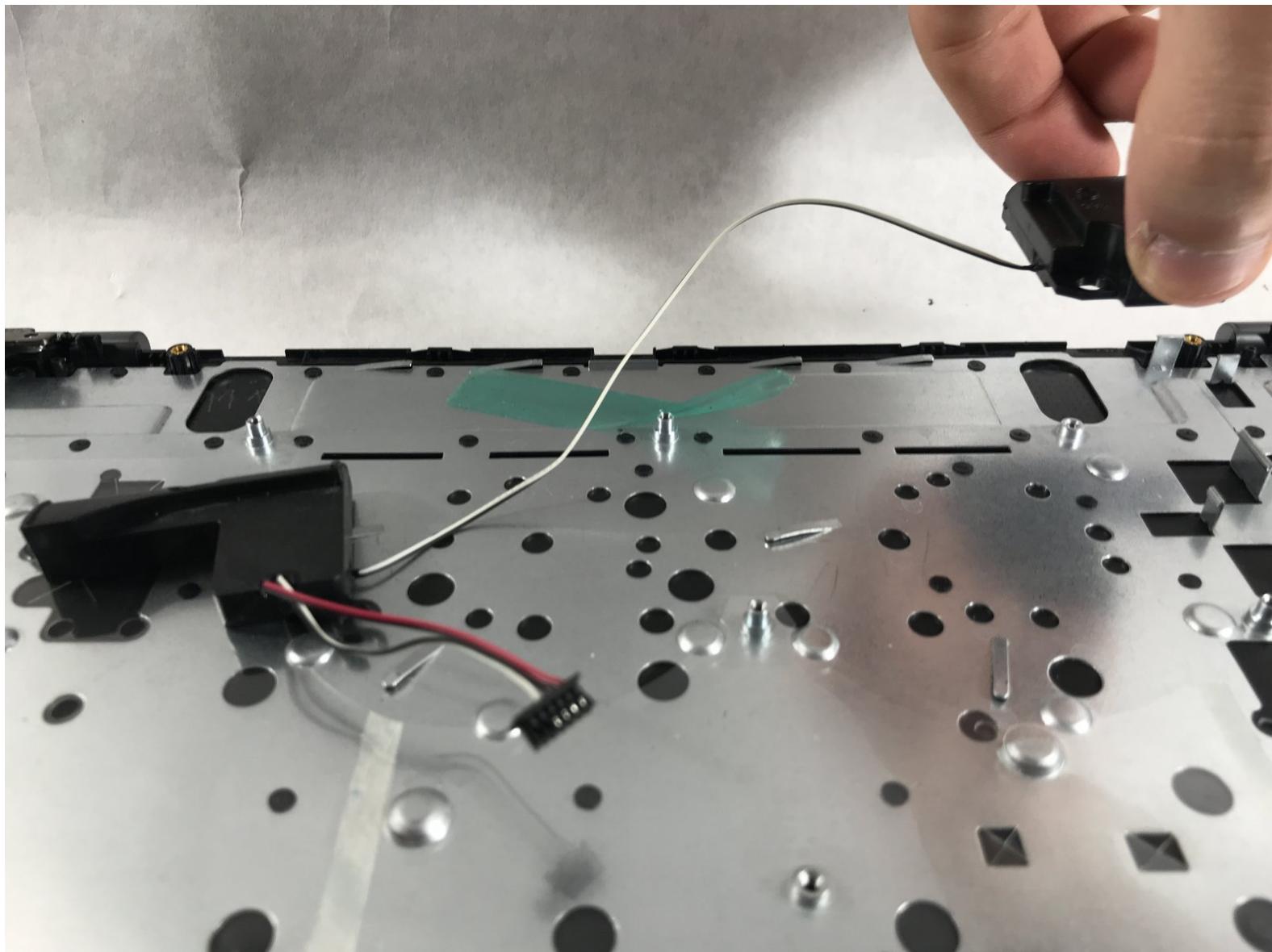




HP Omen 15-ax243dx Speaker Replacement

Having sound issues? Follow this guide on how to replace your speakers.

Written By: Dean Lee



INTRODUCTION

Is the speakers on your HP-Omen computer not working and you found out it costs a lot to have them fixed? Well you are in luck. The following guide consist of the 20 total steps to remove the speakers from the computer while also showing you the pre-requeste steps to be able to remove the speakers. You will be removing the battery, hard-drive, ventilation fans and disconnecting the mother board from the laptop. You will only need two types of tools, a Philips #00 screw-driver and a plastic opening tool. This guide will take approximately 20-40 minutes to complete and has a moderate difficulty. This guide allows you to to replace your speakers yourself for free rather than having to pay someone to do it.

TOOLS:

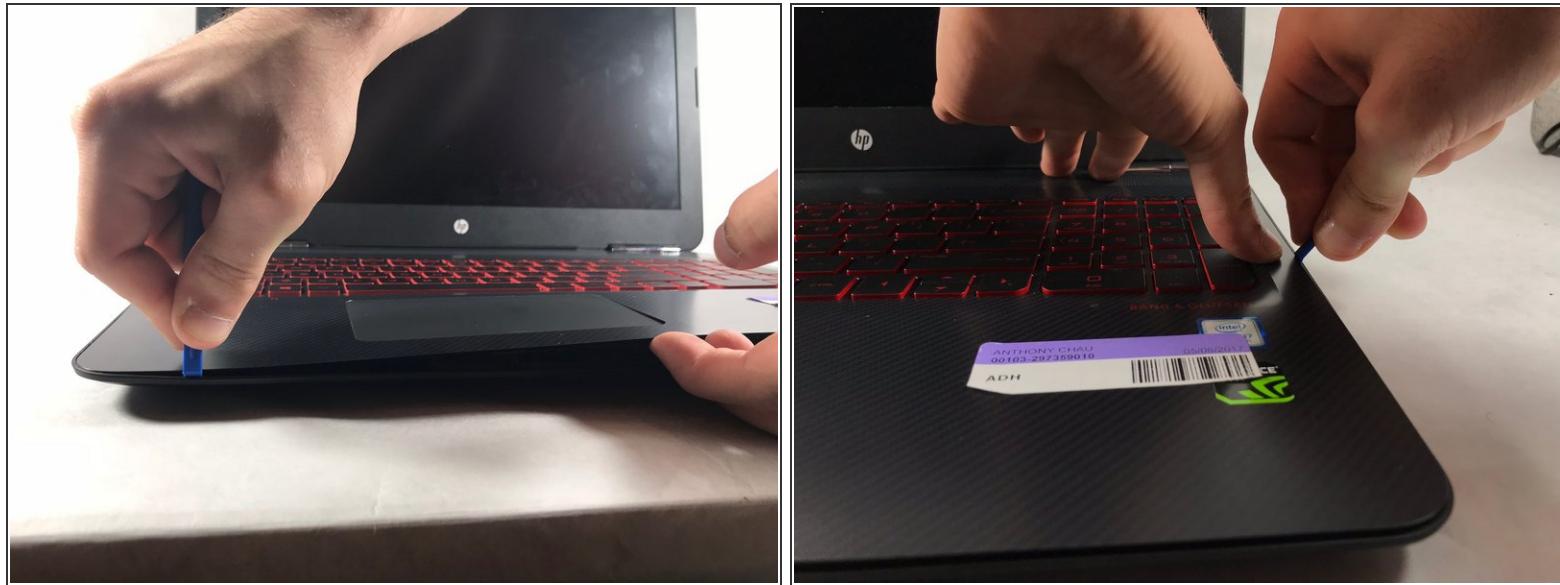
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)

Step 1 — Battery



- The rear panel is secured by 10 screws. Using a #00 Phillips Screwdriver, remove the ten 1.2 mm screws.
 - The screwdriver should be inserted at the same angle as the screws.
- ⓘ Be sure to keep track of the screws and where they came from. Some only fit in to one spot.***

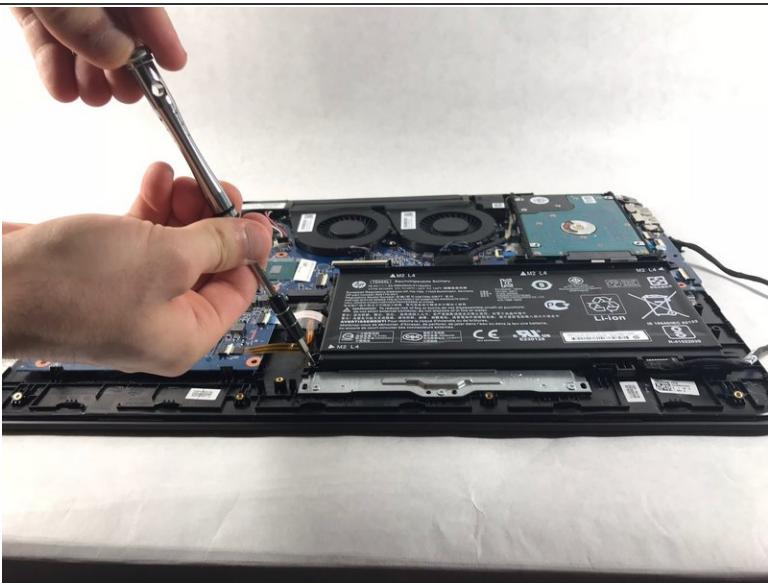
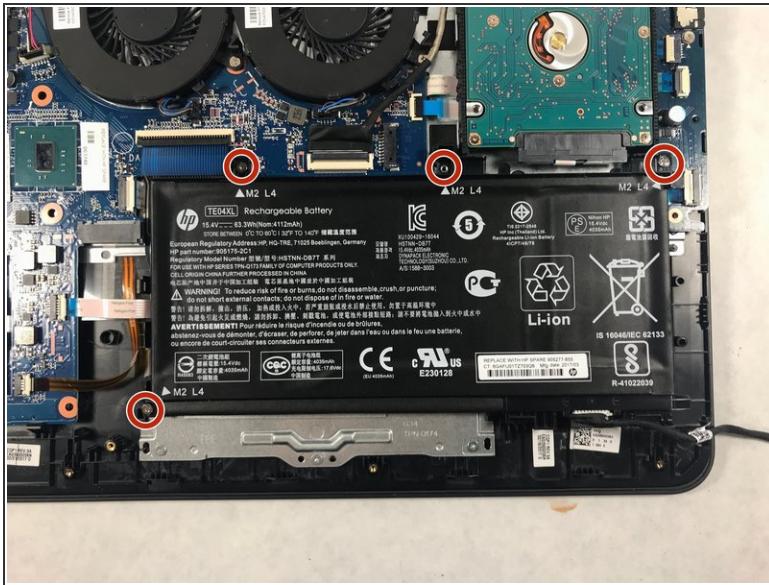
Step 2



- Insert the plastic opening tool between the rear panel and the top casing. Gently push the opening tool upwards to remove the bottom case.
- Follow your hand behind the tool and lift the case up gently.

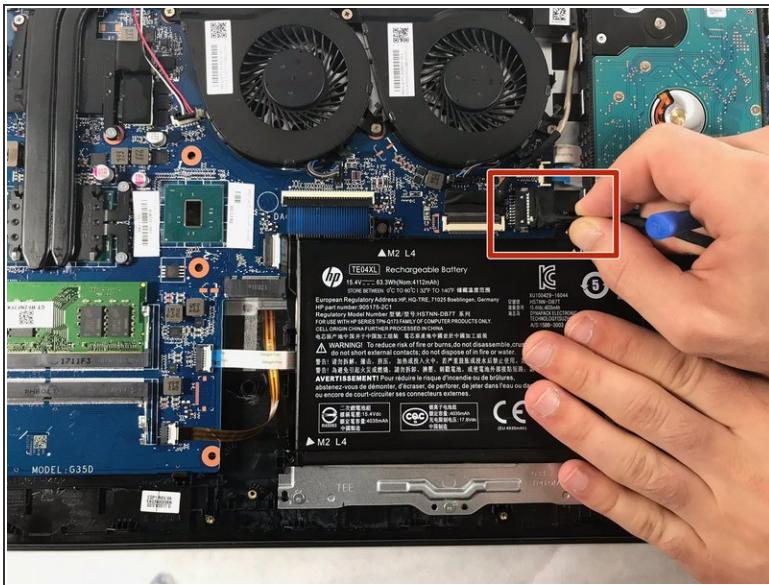
⚠ If too much pressure and force is applied, you could crack one of the panels.

Step 3



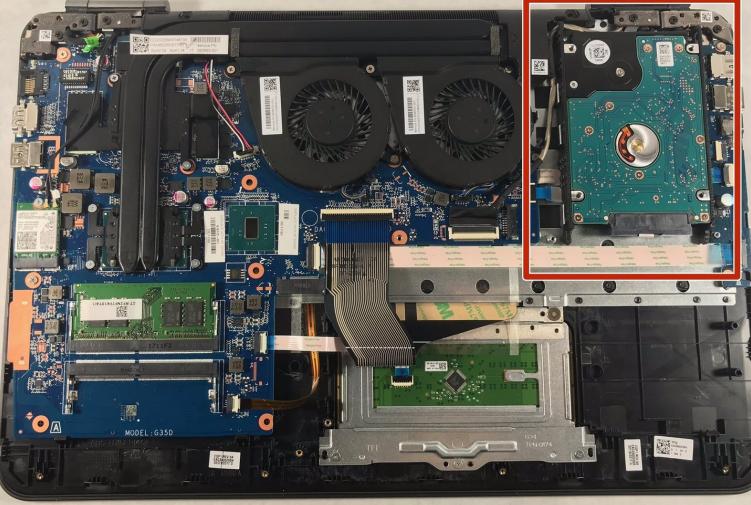
- Remove the four 1.2 mm Phillips #00 screws around the battery.

Step 4



- Pull the cable out to disconnect the battery from the device. The battery will lift straight out of the device.
- Disconnect the cord from the battery and dispose of the battery if needed.

Step 5 — Hard-Drive



- After the battery is removed, the hard drive will be easier to access in the top right hand corner.

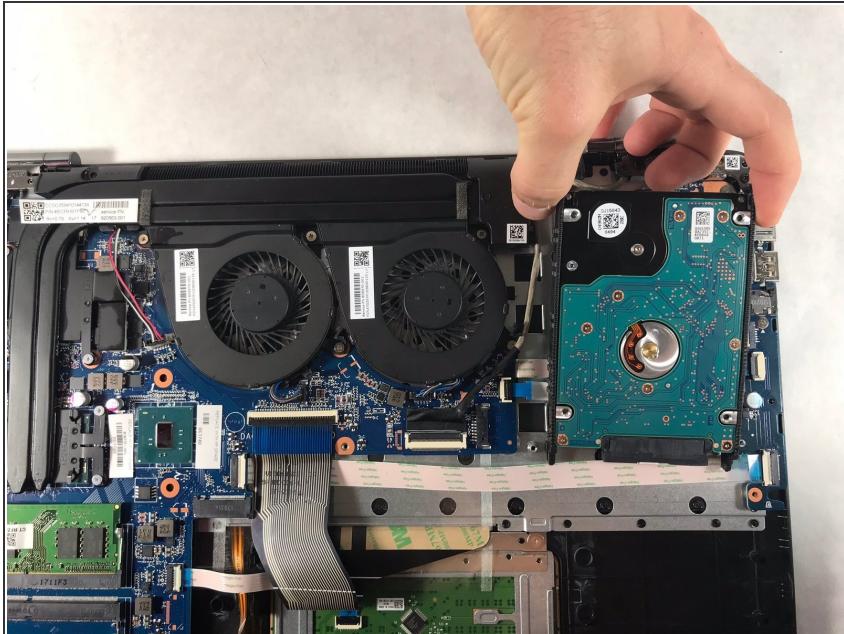
Step 6



- With a opening tool, flip open the switch that locks in the hard drive ribbon cable into the device.

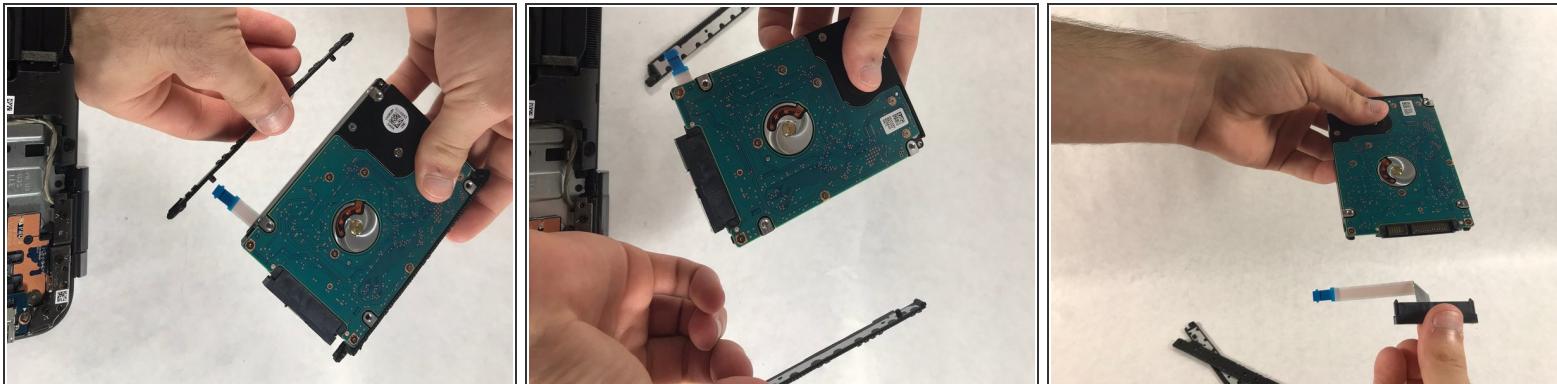
⚠ When lifting the cable out, lift straight up and out to prevent damage to the connector or cable.

Step 7



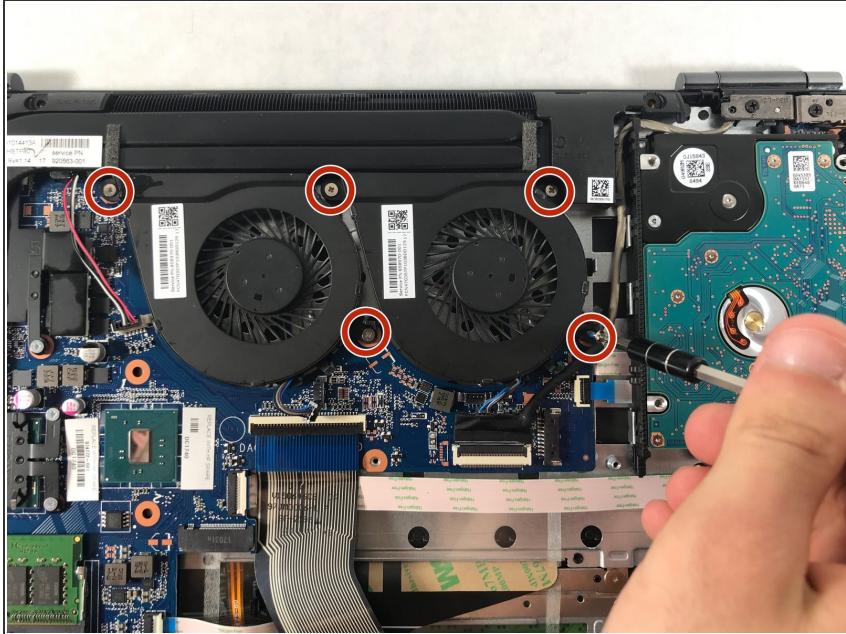
- Lift the hard drive up to remove from the device

Step 8



- Remove the rubber guards on the side of the hard drive.
 - Gently pull the plastic connector out from the hard drive.
 - The hard drive can now be disposed of if needed.
- (i) Save the guards and connectors from this hard drive, they will be used on the replacement part.*

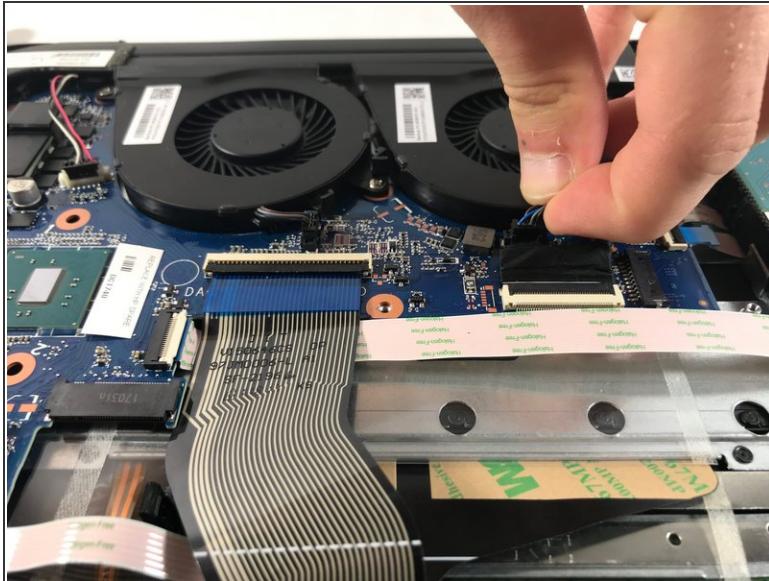
Step 9 — Ventilation Fans



- The two ventilation fans are secured with the system by 5 screws. Unscrew these five 1.2 mm screws using the Phillips #0 screwdriver.

⚠ When removing the screws, use a magnetic screwdriver to prevent the screws from falling behind the motherboard

Step 10

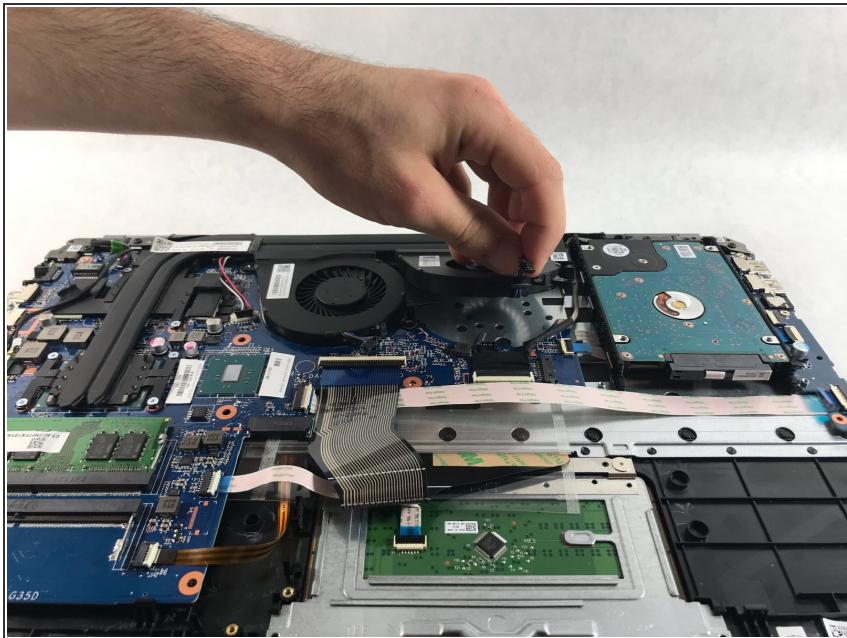


- After removing all 5 screws, the fans are still connected with the system through 2 cables.
- Carefully pull the fan cables out of the connectors on the motherboard.

⚠ Be cautious when pulling by the wires, this can permanently damage the fans beyond repair.

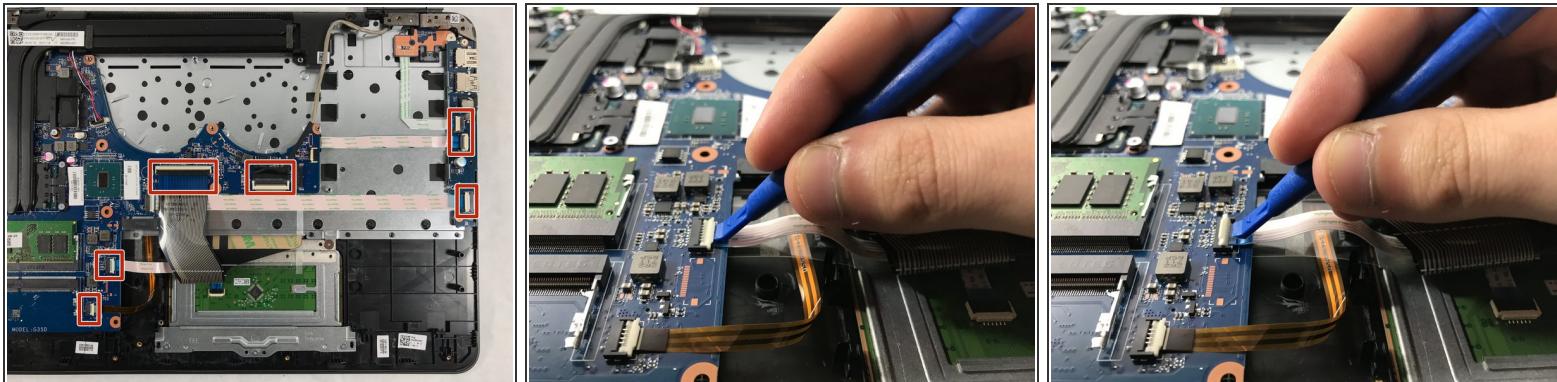
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Step 11



- The fans can now be removed from the device.

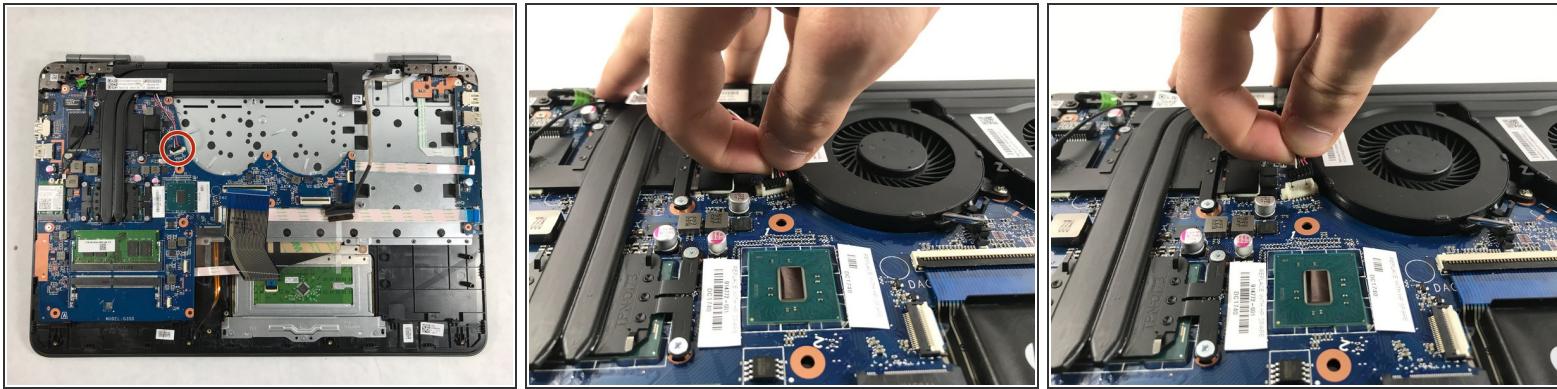
Step 12 — Speaker



- Disconnect all the ribbon cables highlighted.

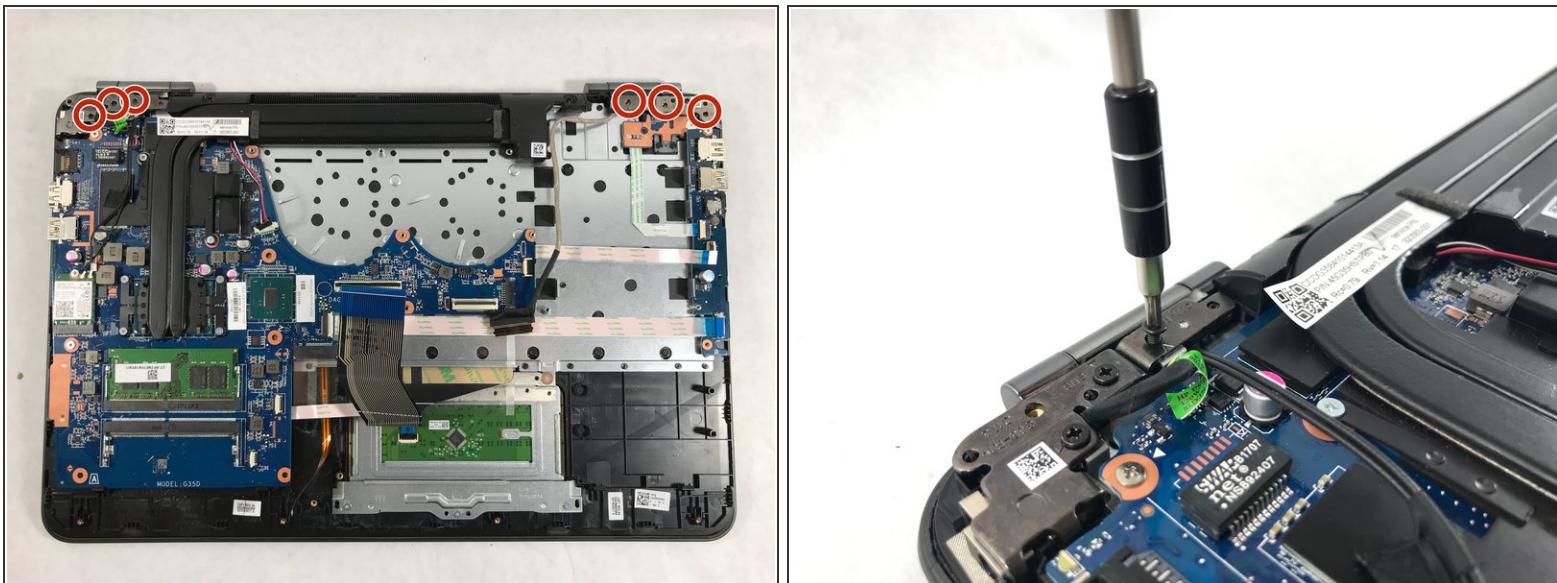
(i) Be sure to use the plastic opening tool when flipping the switches up on the cable connectors.

Step 13



- Unplug the wire the connects to the speakers.

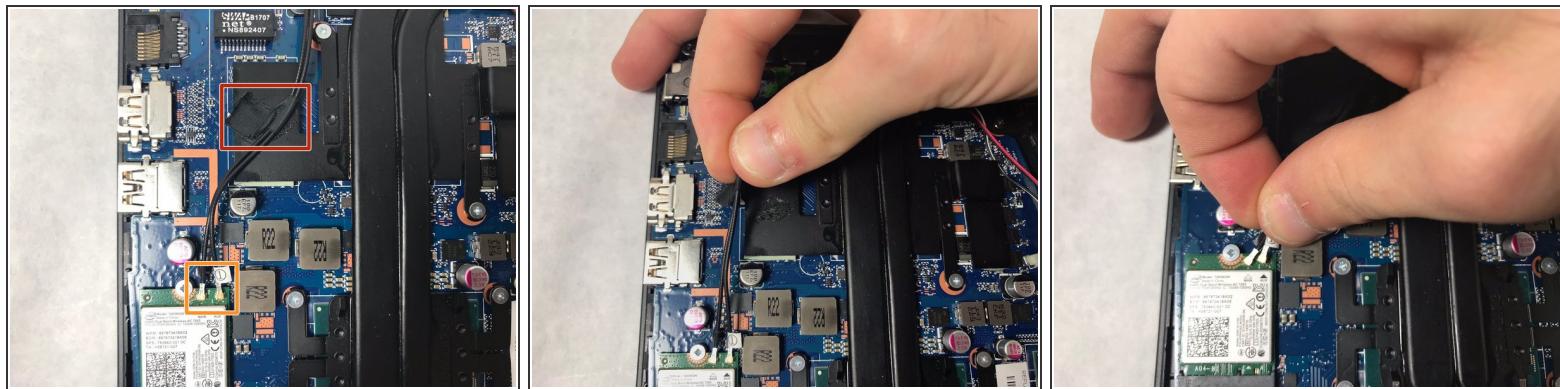
Step 14



- Unscrew the six 1.2 mm screws connecting the screen to the body using the #0 Phillips screwdriver.

(i) Be cautious of where the screws come out from, some will only fit in the same location.

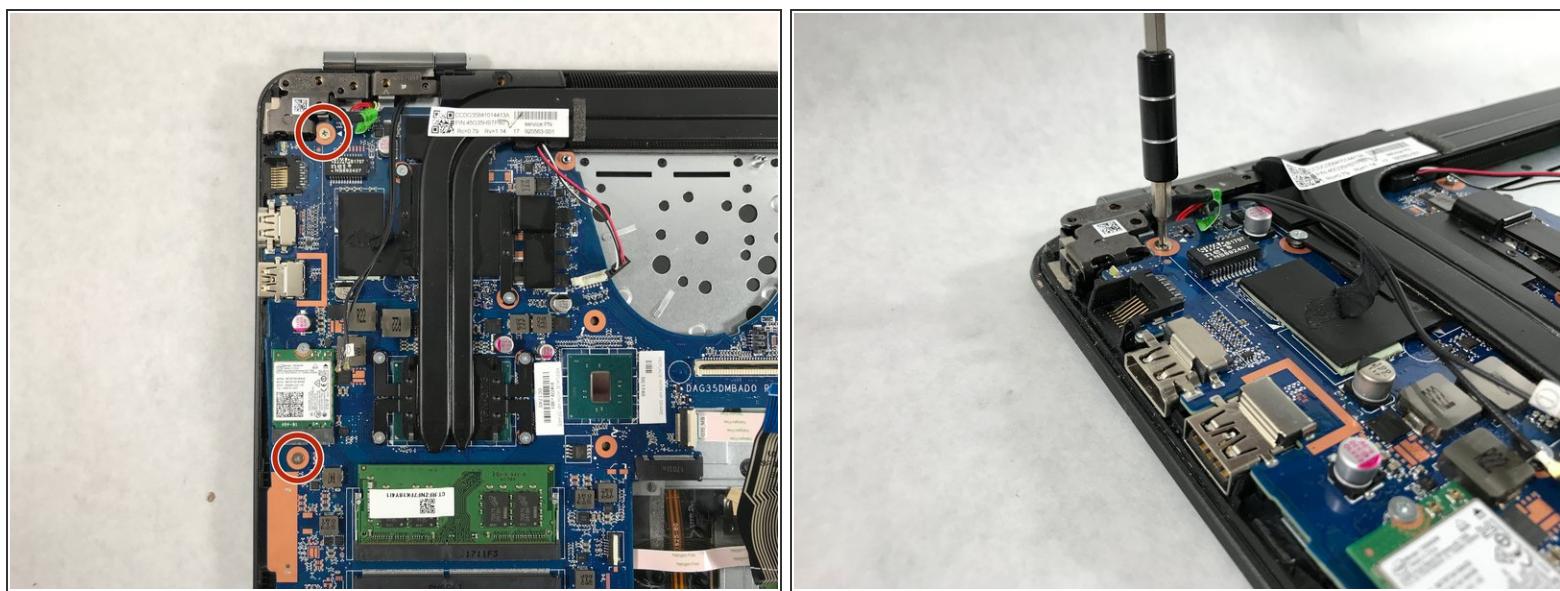
Step 15



- Remove the tape holding the wires down
- Disconnect the wires from the wifi chip

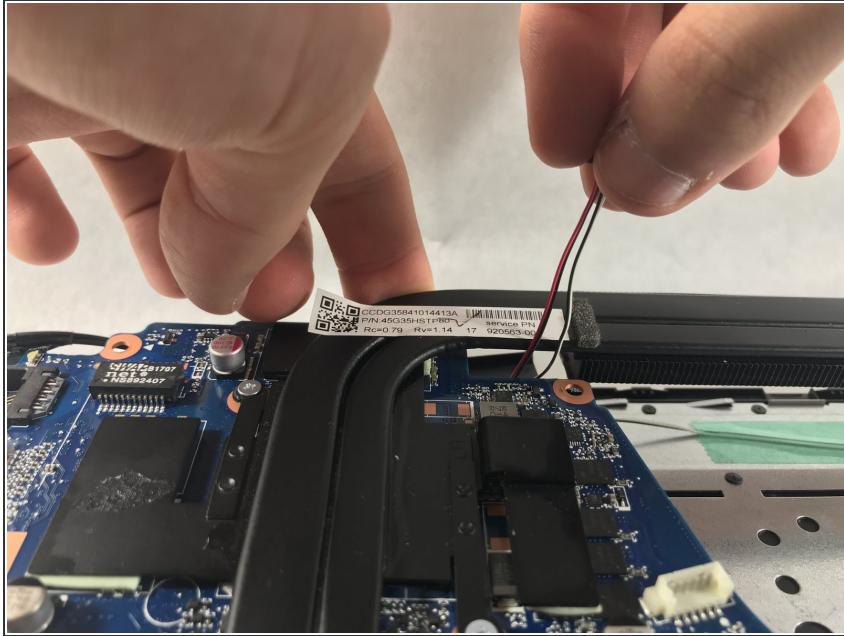
⚠ When removing the wires from the wifi chip, be careful to not damage the connectors.

Step 16



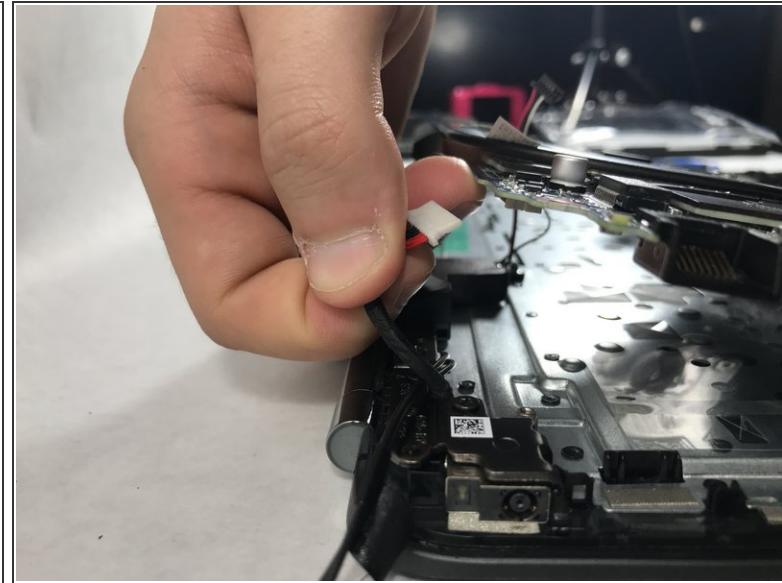
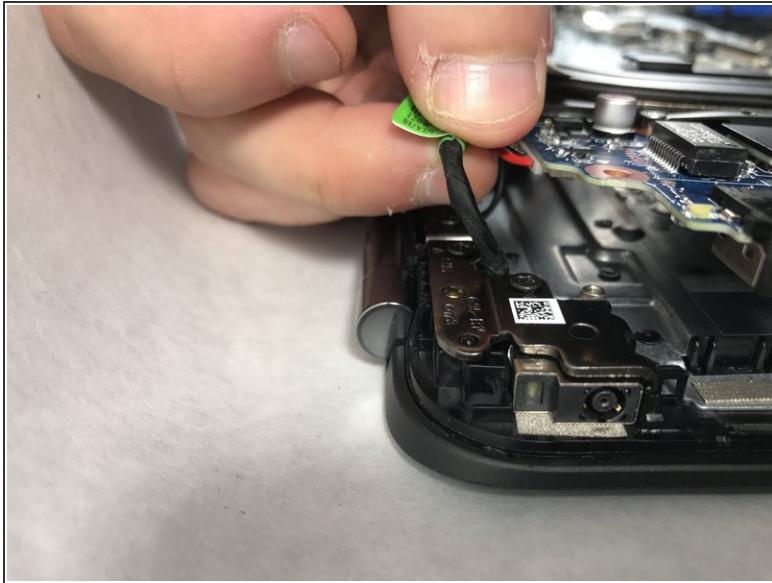
- Unscrew the two 1.2 mm screws holding the motherboard to the front panel using the same screwdriver.

Step 17



- Lift the back of the motherboard up then slide the audio cable out between the heatsink and motherboard

Step 18



- Lift the back of the motherboard up again and remove the charging adapter.

⚠ This wire is located in a tight spot. Pull it straight out and do not bend it, this will cause irreparable damage to the device.

Step 19



- Slowly lift up the back of the motherboard.

⚠ The board is friction fit at the rotation point. Be careful to lift the board around this point.

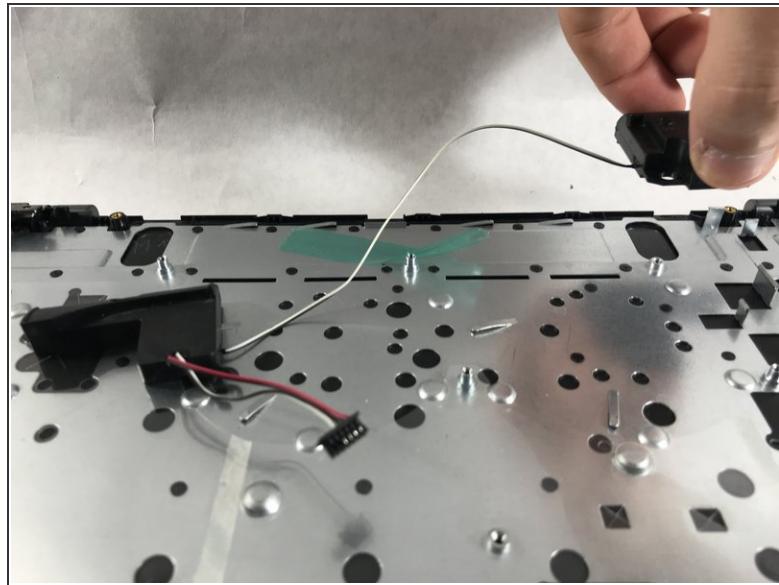
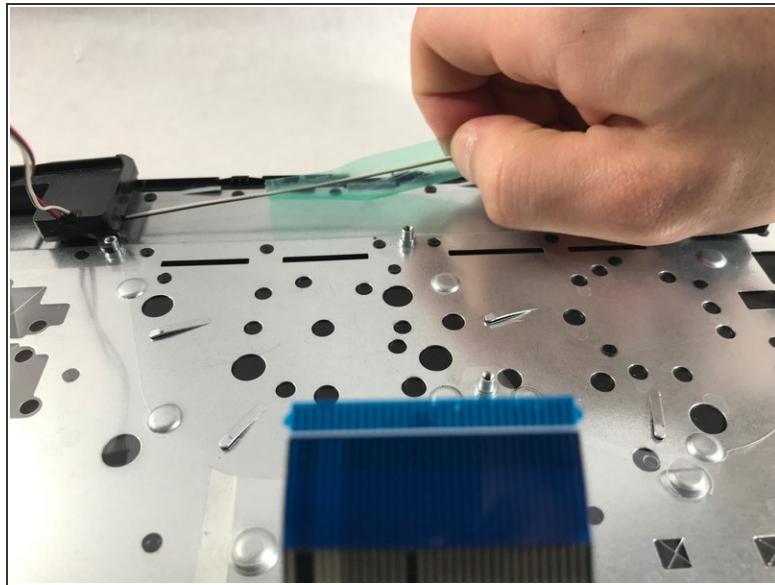
- The board will now lift out of the device.

Step 20



- Lift up the keyboard panel of the device and set it back down.
- The speaker in the top left hand corner can be taken out of its place.

Step 21



- Remove the tape between the two speakers
- The left speaker can now be removed.
- The speakers can be disposed of if needed now.

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