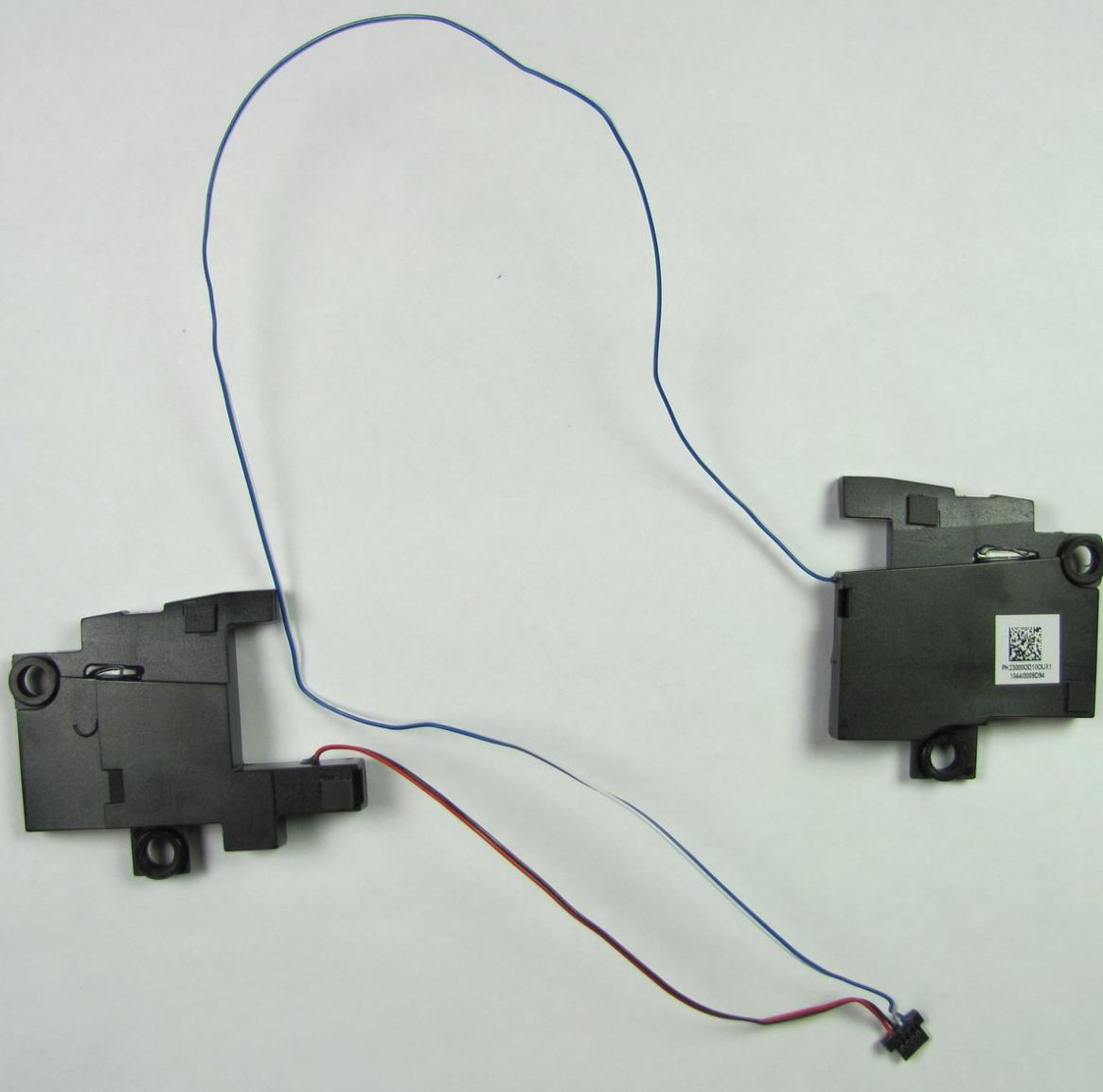




# Lenovo Y50 Touch Speakers Replacement

This guide is intended to replace the speakers on the sides and the underside of the laptop.

Written By: Andrew Tran



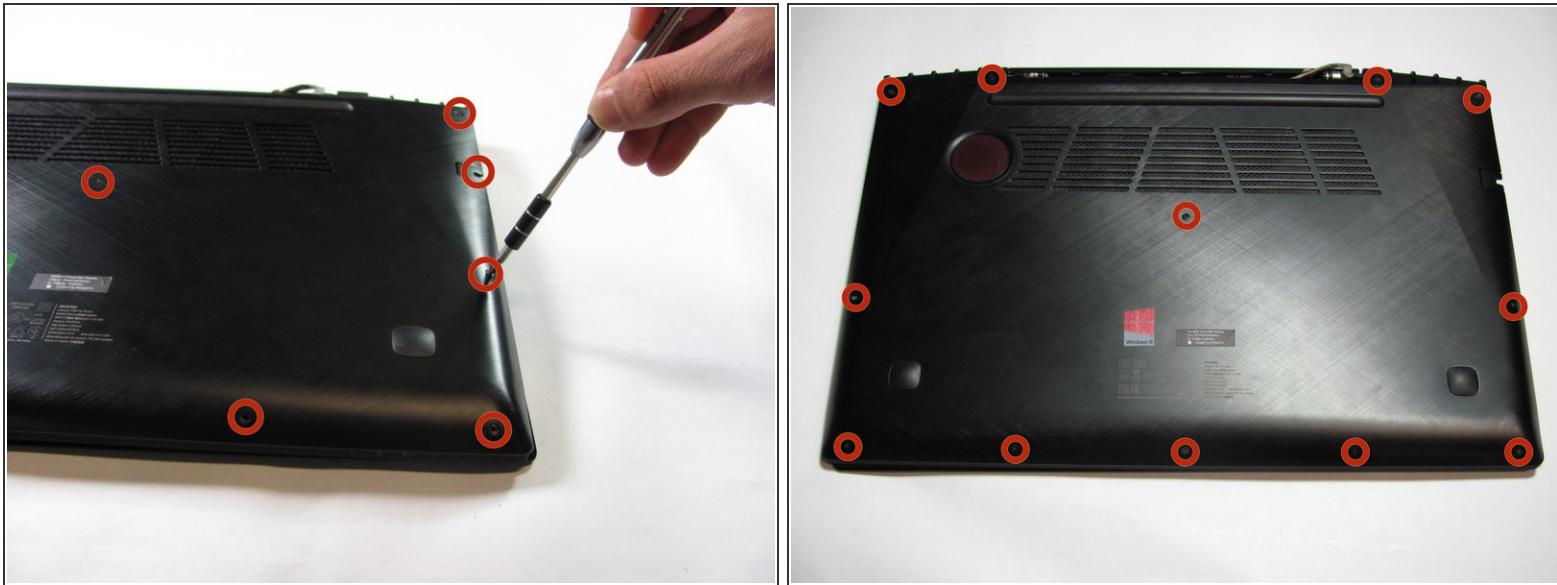
## INTRODUCTION

Sound is an integral part of a laptop user's experience, especially for videos, music, and gaming. The Lenovo Y50-70 Touch is equipped with two side speakers and a bass speaker on the underside of the laptop. When there are sound problems, but all the sound drivers are running properly, replace the speakers to regain your full user experience.

## TOOLS:

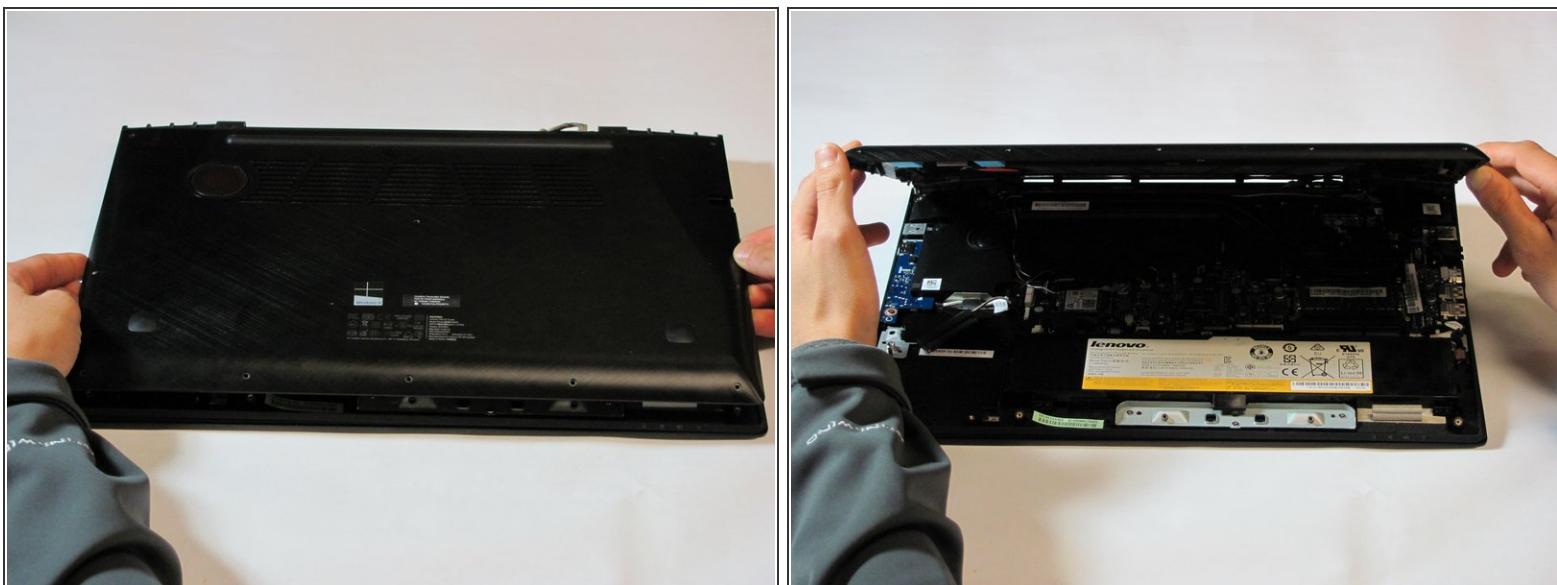
- Phillips #1 Screwdriver (1)

## Step 1 — Back



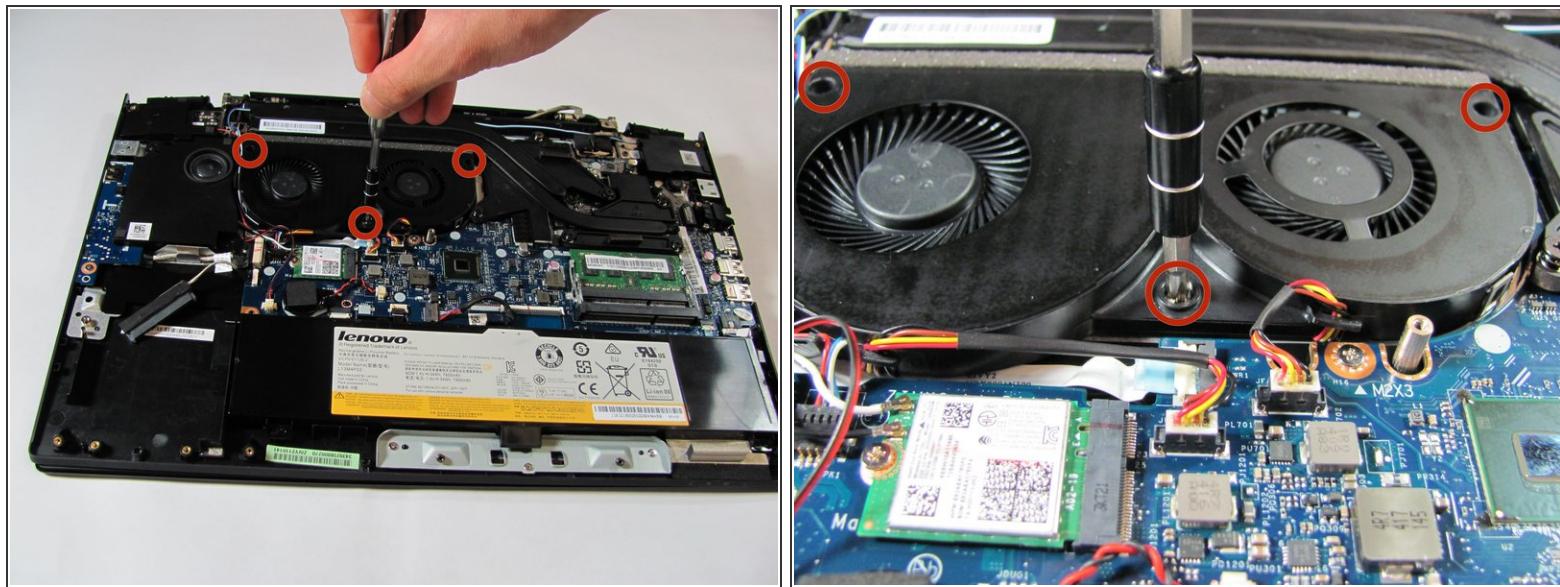
- Remove all twelve 6 mm screws from the back of the laptop using a Phillips #1 screwdriver.
- *i* Apply a lot of pressure to prevent the screws from stripping.
-  Make sure to turn off the computer first!

## Step 2



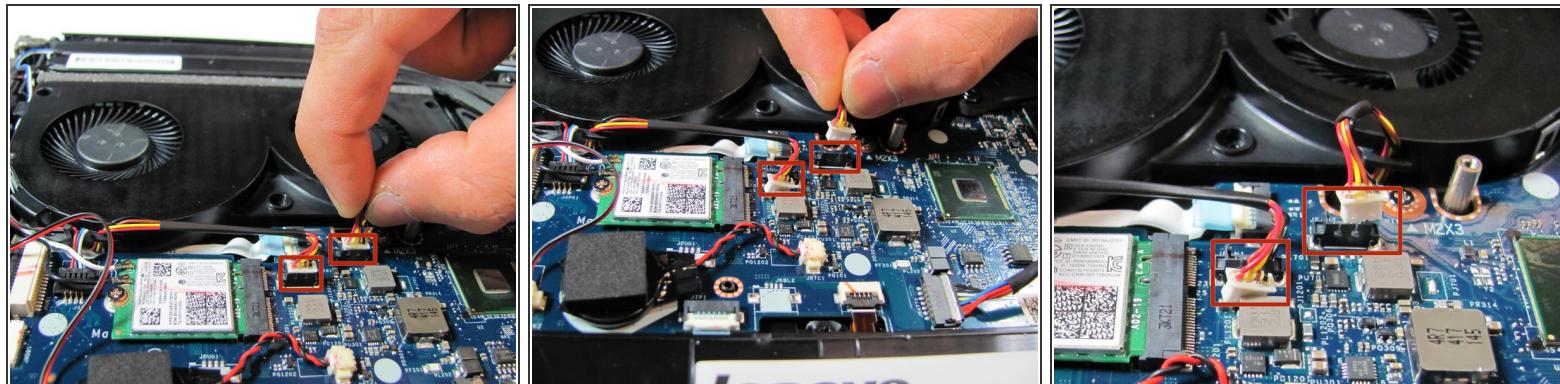
- Gently pull the back cover off the laptop. It should come off easily.

## Step 3 — Fan



- Remove the three 3.5 mm screws from the fan with a Philips #1 screwdriver.

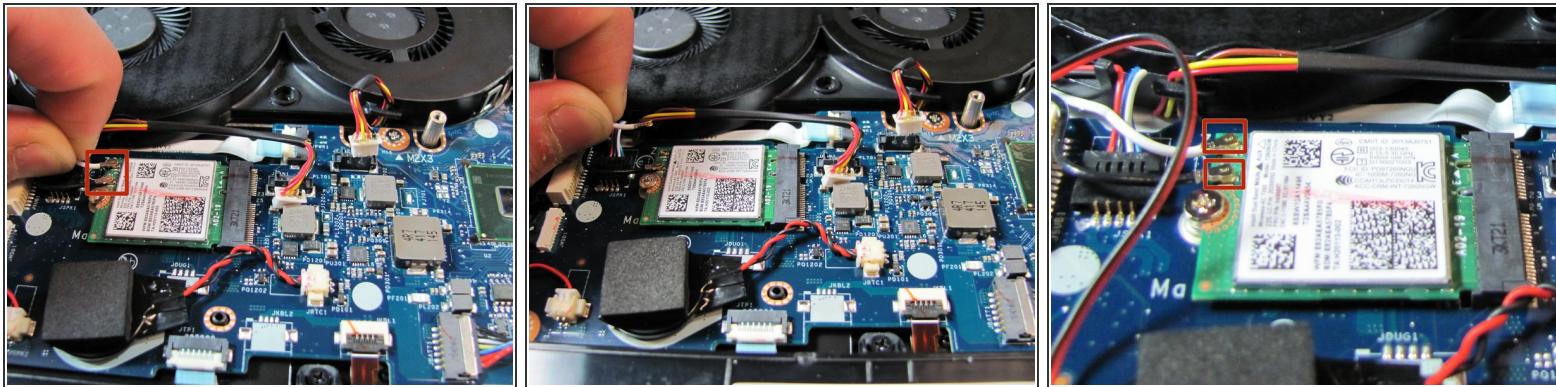
## Step 4



- Pull the wire tabs up one at a time to separate them from the motherboard.

⚠ Do not pull too hard on the wire tabs. It may damage the connection between the wires and motherboard.

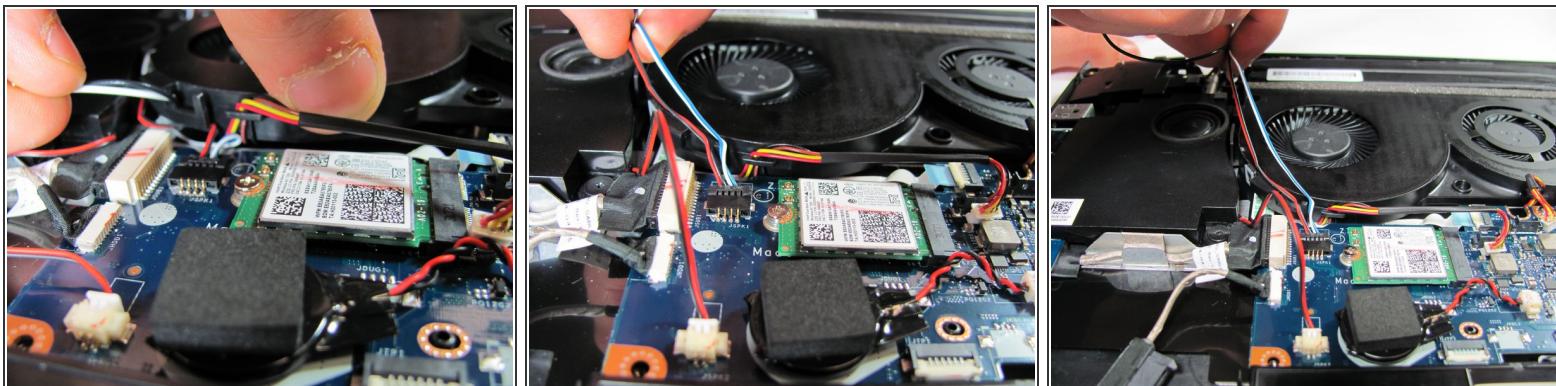
## Step 5



- Remove the black and white antenna cables from the wireless card.

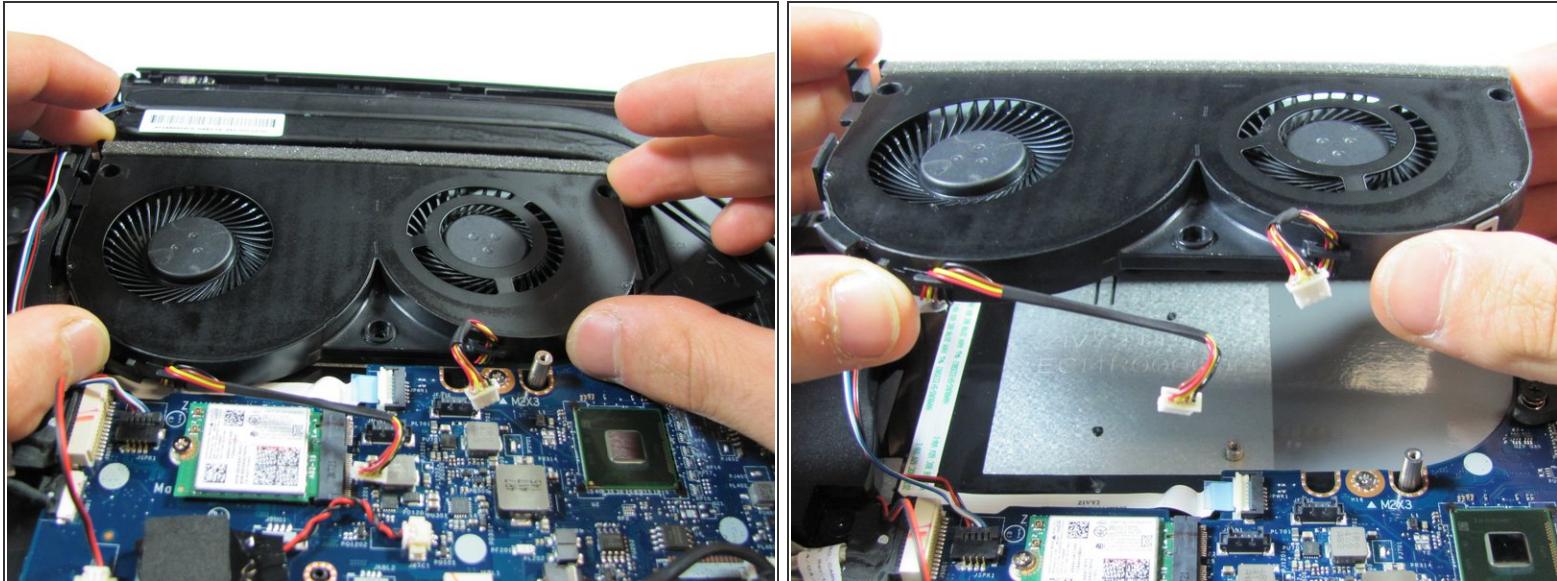
 Do not pull too hard on the antenna cables, as it might damage the connection to the wireless card.

## Step 6



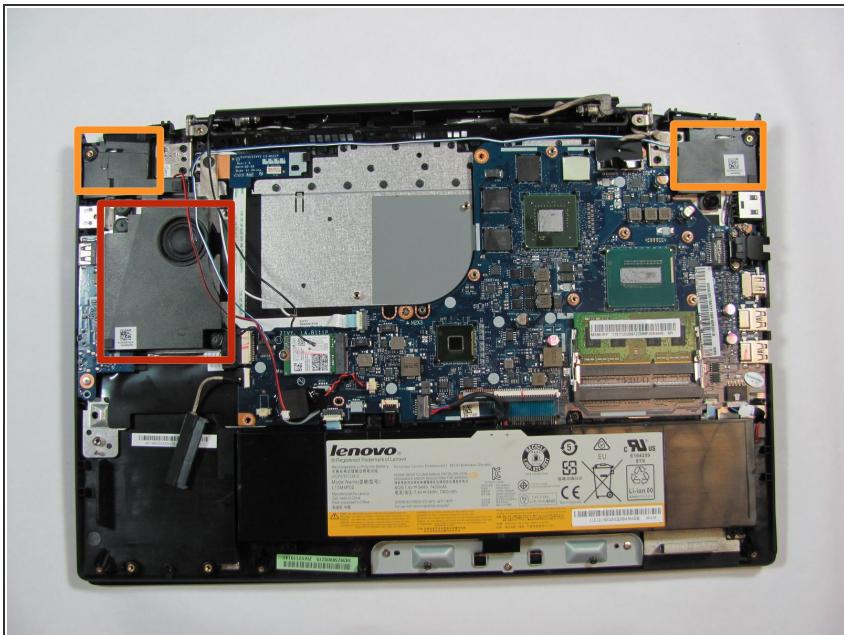
- Lift up the fan slightly.
- Gather the antenna cables(black and white) and speaker wires (red, black, blue, and white). Carefully move them away from the fan.

## Step 7



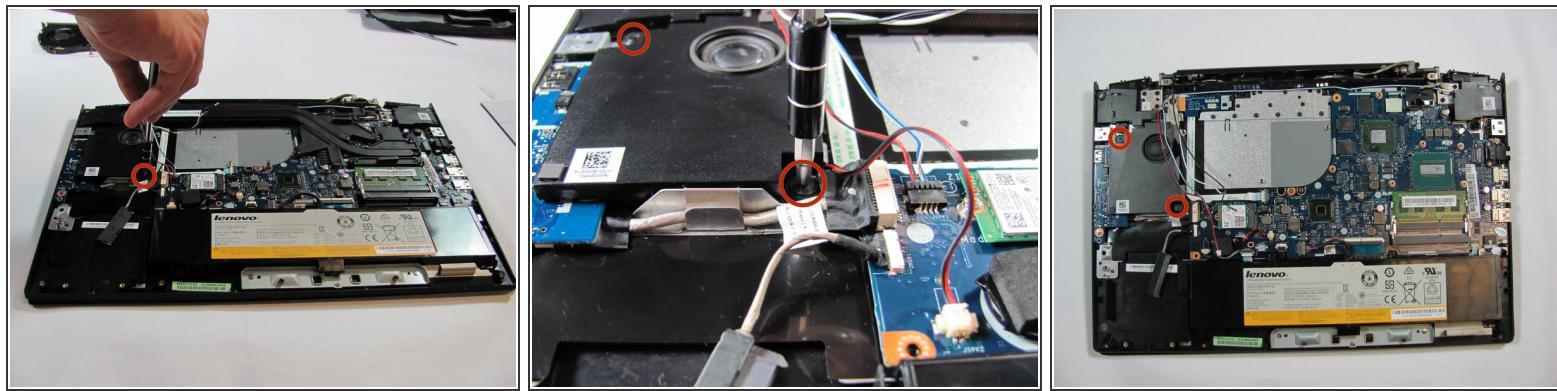
- Lift the fan off of the laptop.

## Step 8 — Speakers



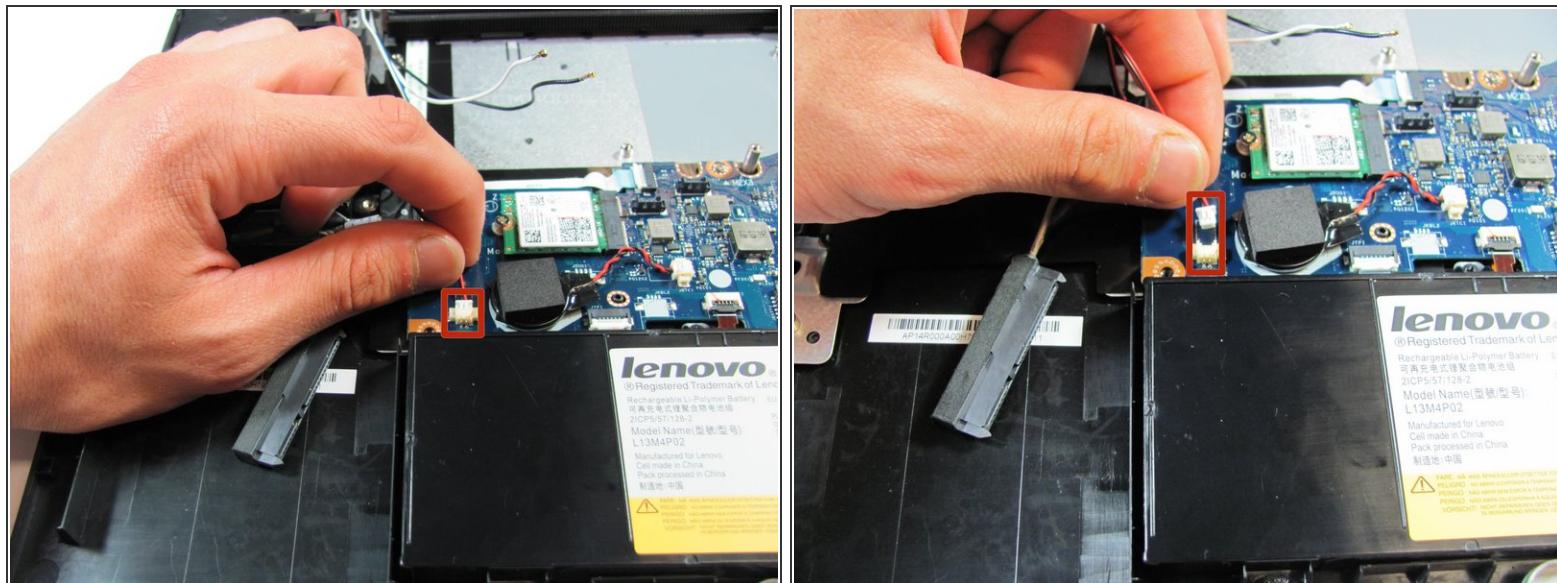
- Locate the three speakers within the laptop.
- The bass speaker is located near the fan's original position.
- The side speakers are located at the upper left and right corners of the laptop.

## Step 9



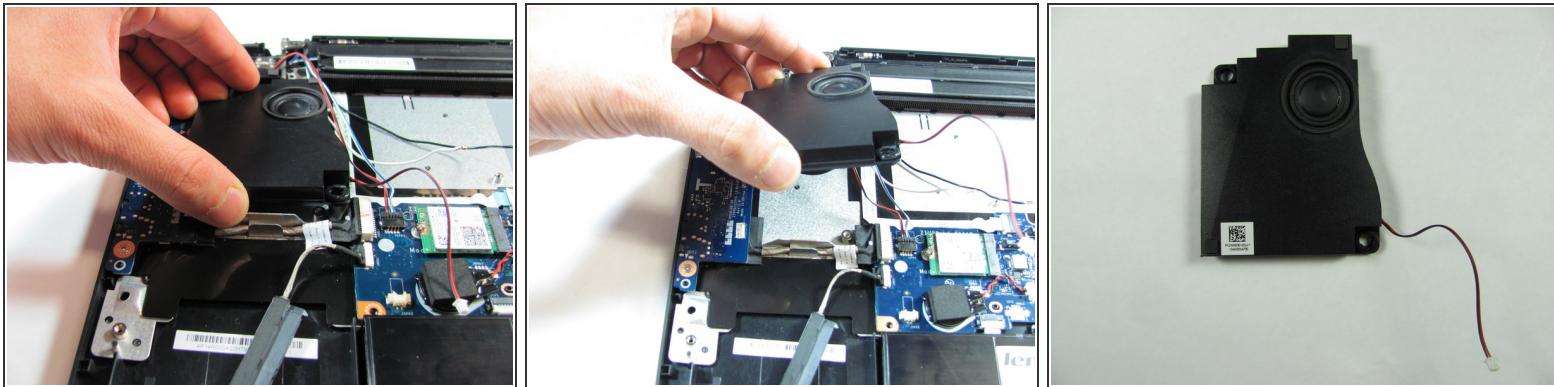
- Using a Philips #1 screwdriver, remove the two 2.5 mm screws securing the bass speaker.

## Step 10



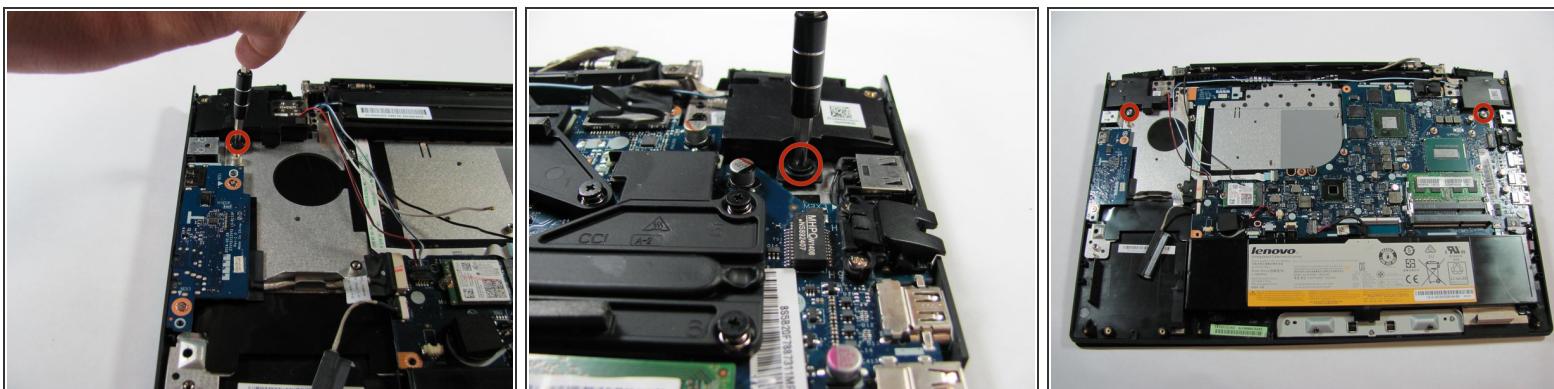
- Unplug the bass speaker from the motherboard.

## Step 11



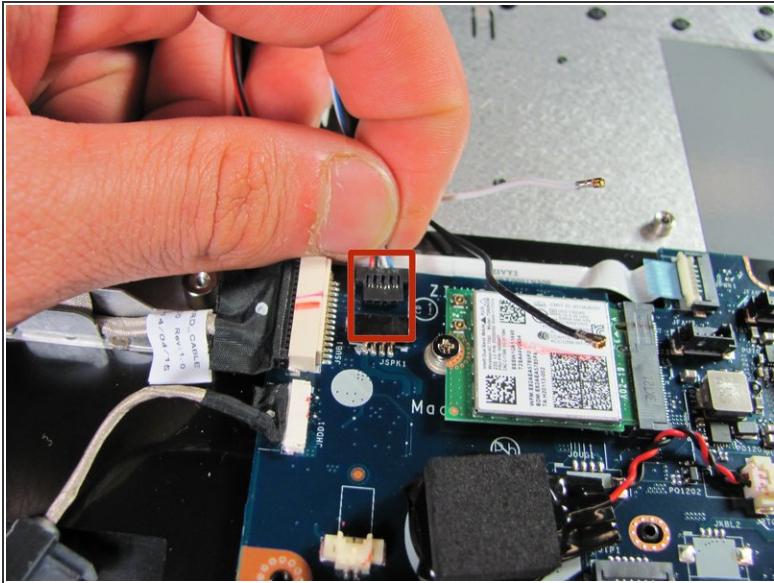
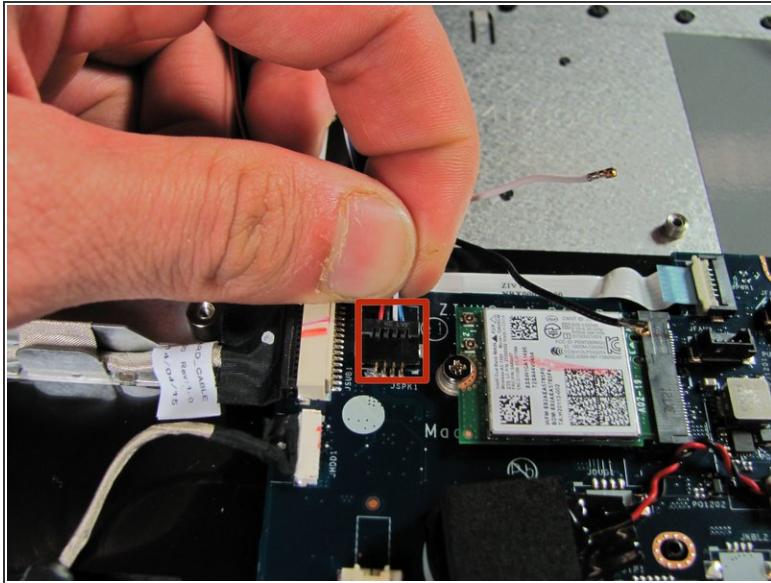
- Remove the bass speaker from the laptop.

## Step 12



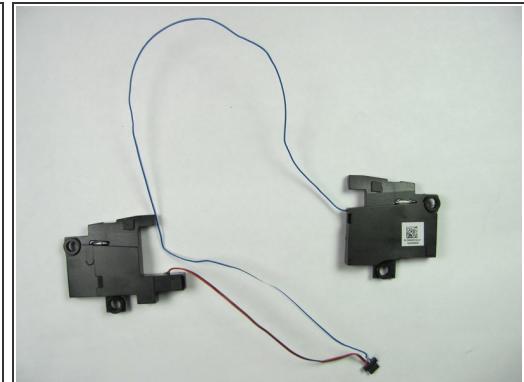
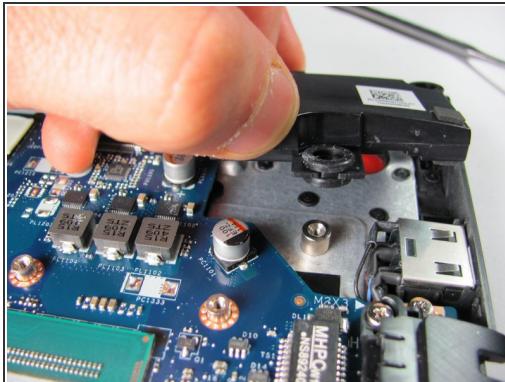
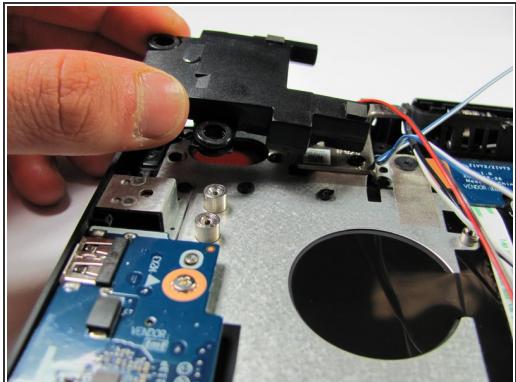
- Using a Philips #1 screwdriver, Remove the 2.5 mm screw holding each side speaker to the laptop.

## Step 13



- Unplug the side speakers from the motherboard.

## Step 14



- Remove the side speakers from the laptop.

- *(i)* The red and black wires connect to the right speaker, and the blue and white wires connect to the left speaker.
- *(i)* The side speakers are independent from the bass speaker. It is possible to remove them without having to remove the bass speaker.

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

