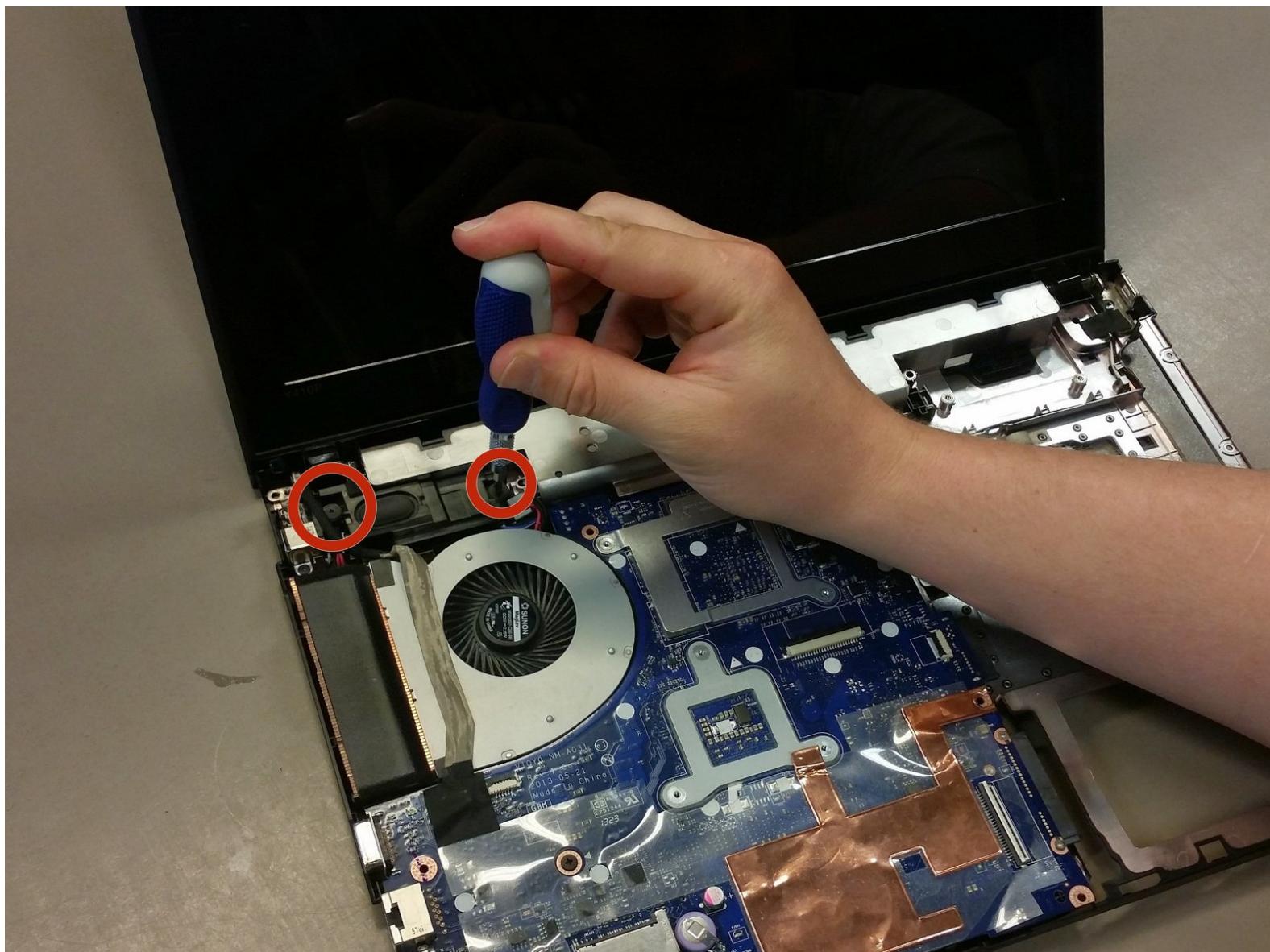




# Lenovo Y410P Speakers Replacement

This guide covers how to replace the speakers on the Lenovo Y410P laptop.

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## INTRODUCTION

If the speakers produce a buzzing noise or stops working it is important to understand how to replace the speakers.

### TOOLS:

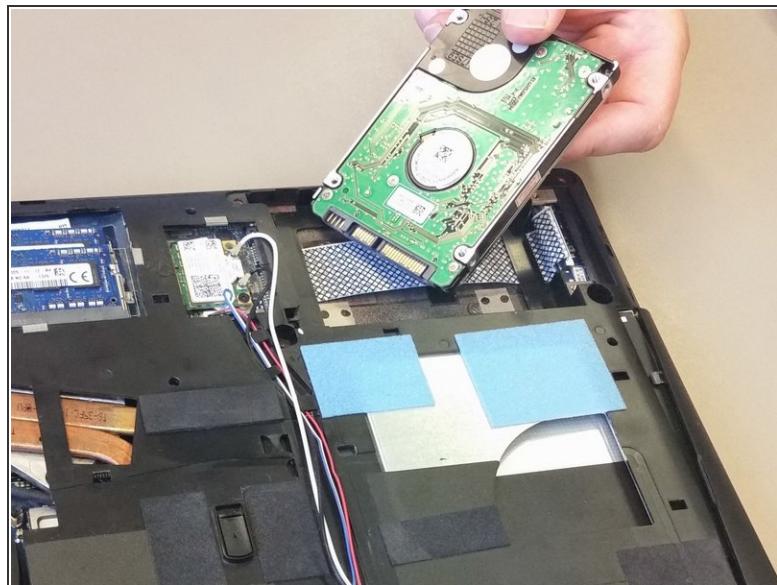
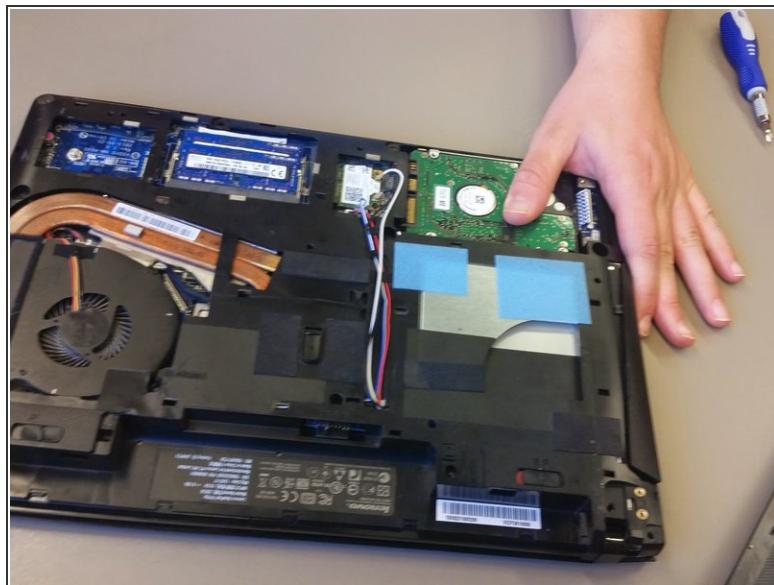
- Phillips #0 Screwdriver (1)
- Flathead 3/32" or 2.5 mm Screwdriver (1)

## Step 1 — Removal of Bottom Panel



- Remove eight M2.5 x 8mm Phillips head screws, using a Phillips #0 screwdriver, at the specified locations.
- Lift the bottom cover off and set it aside.

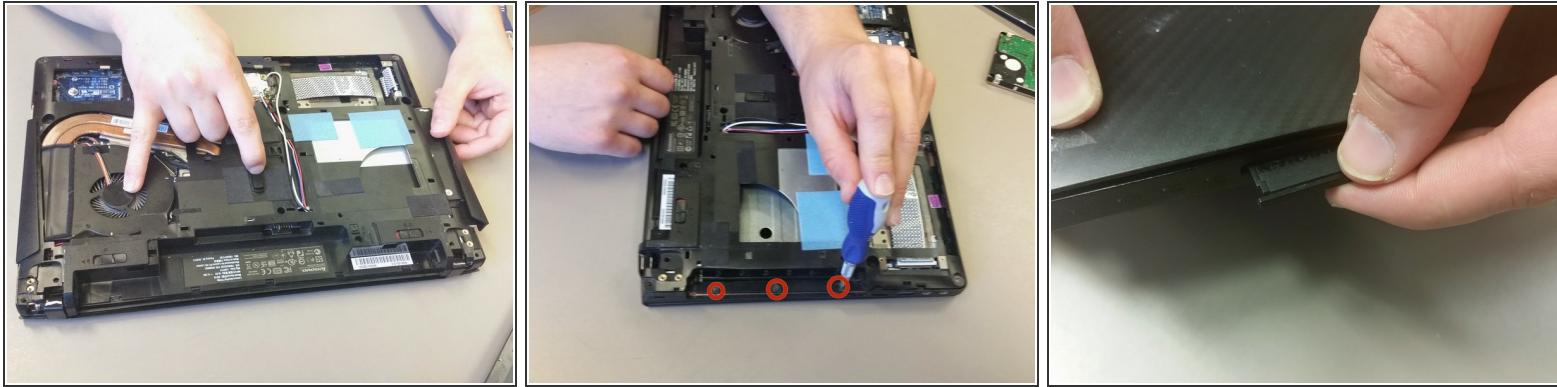
## Step 2 — Removal of Hard Drive



- Remove the two M2.5x4mm screws using a Phillips #0 screwdriver.
- Slide the hard drive out of the casing.

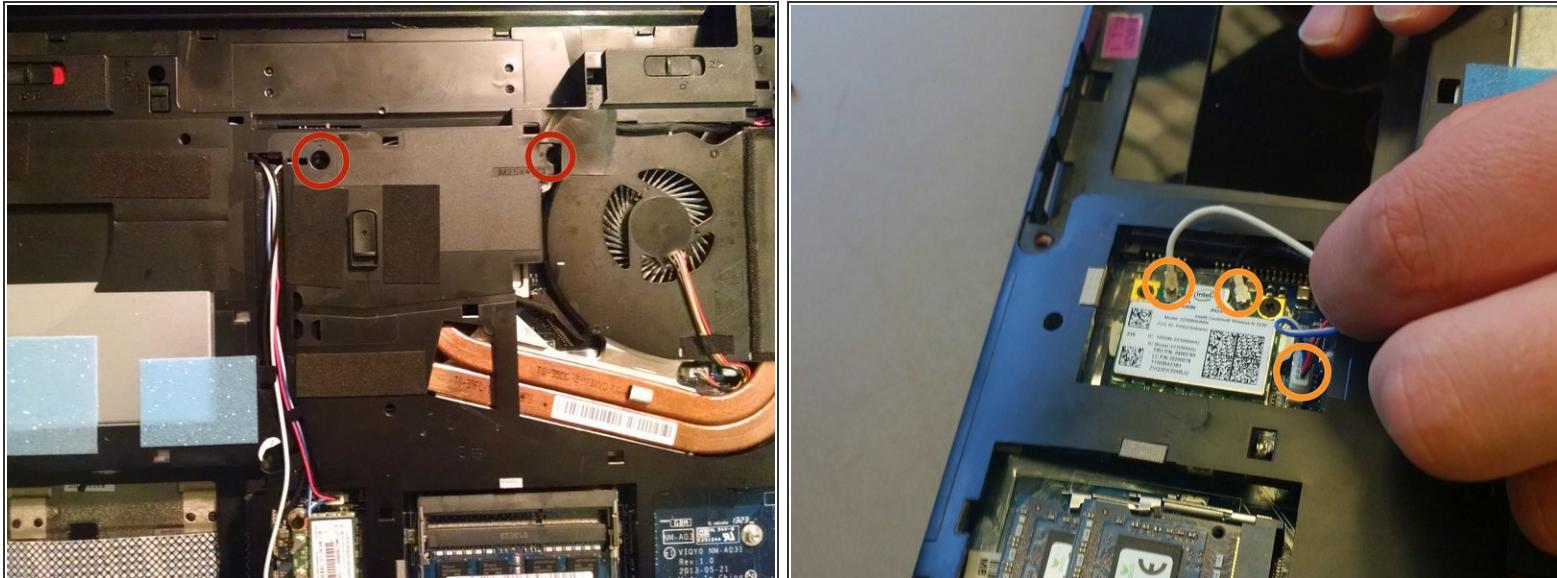
⚠ Be careful when handling the hard drive; rough impacts may cause data loss.

## Step 3 — Remove Optical Drive



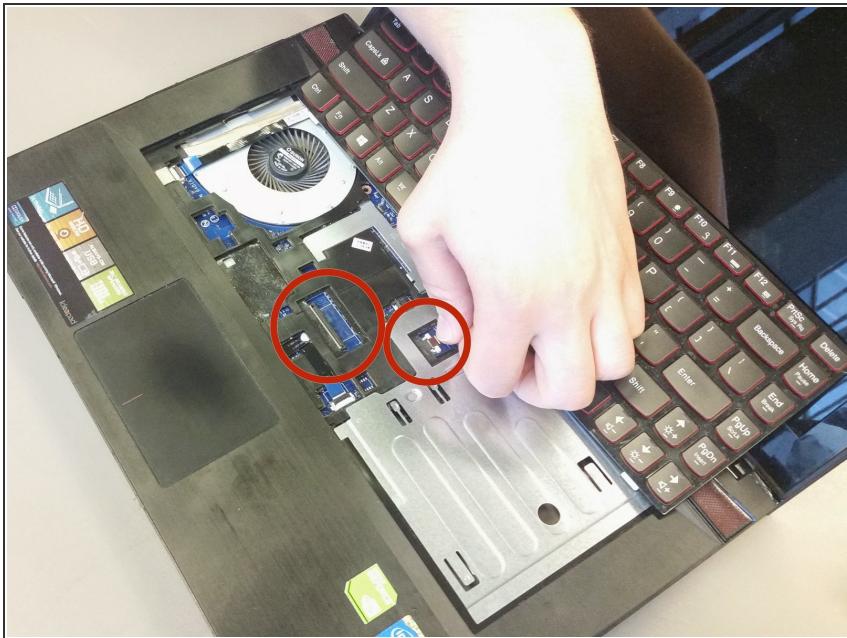
- With the laptop's bottom facing up, pull the optical drive release lever back and pull the optical drive out.
- Unscrew the three M2x3mm Phillips head screws shown.
- At the front edge of the laptop, empty the SD card holder by pressing on the card. This will allow for further disassembly in later steps.

## Step 4 — Remove Keyboard and Cables



- Remove the two M2.5 x 6mm screws using a Phillips #00 screwdriver.
- Remove the WiFi cables and the sound connector. (3 wires)

## Step 5

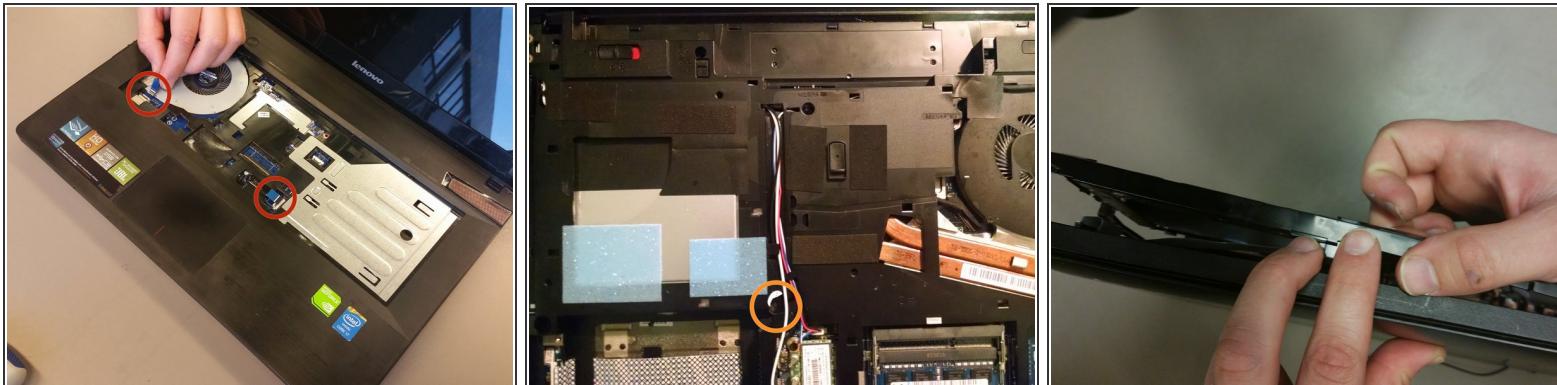


- Open the laptop hinge, tip the laptop onto its side, and use the back end of the screwdriver to push the keyboard out from the optical drive area.
- Turn the laptop right side up and pry the keyboard up slowly until it is clear of the case.

**⚠** Be careful of the ribbon cable when removing the keyboard. The ribbon is still attached.

- Detach the ribbon cables by opening the specified latches.

## Step 6 — Removal of Palm Rest

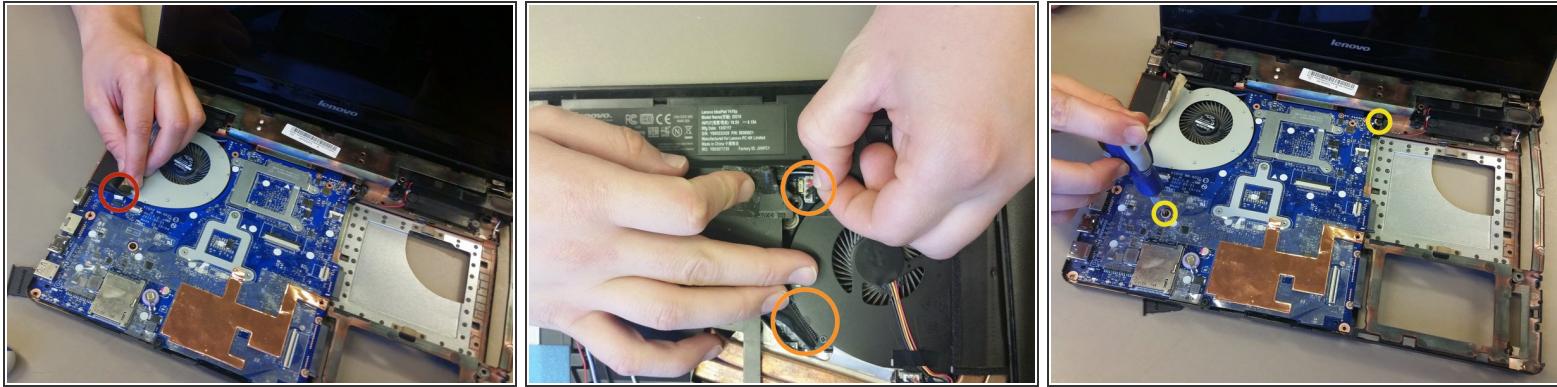


- Detach the ribbon cables by opening the specified latches.
- Turn the laptop upside down and remove the M2.5x8mm screw with Phillips #0 screwdriver.
- Turn the laptop on its side and pry the bottom from the top.

**⚠** Only partially remove the palm rest; there is still a ribbon cable attached underneath it.

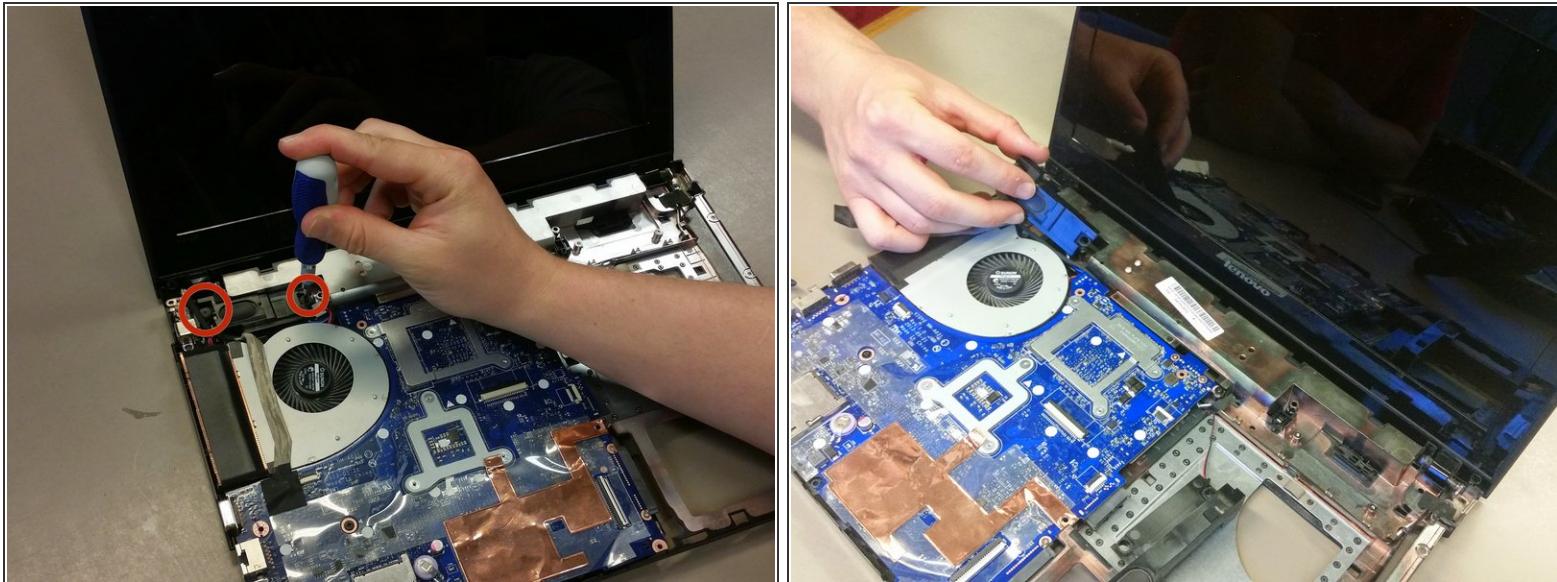
- Remove the ribbon cable by opening its respective latch.

## Step 7 — Removal of Motherboard



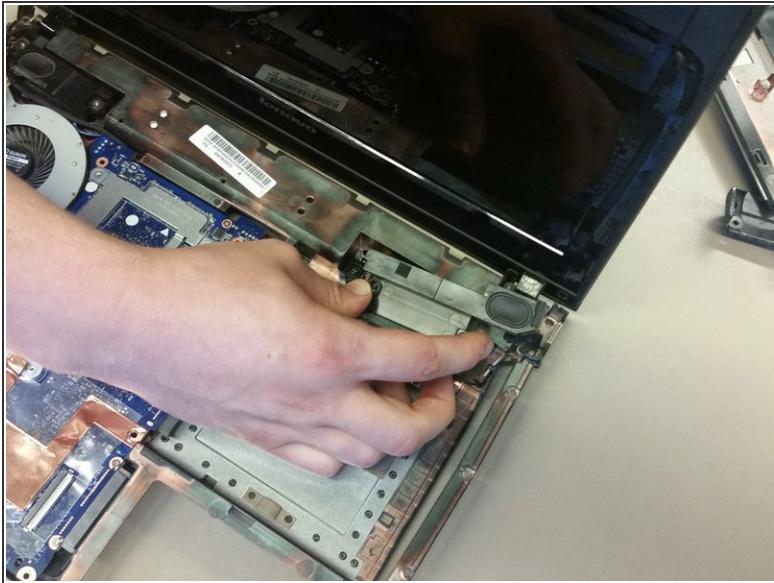
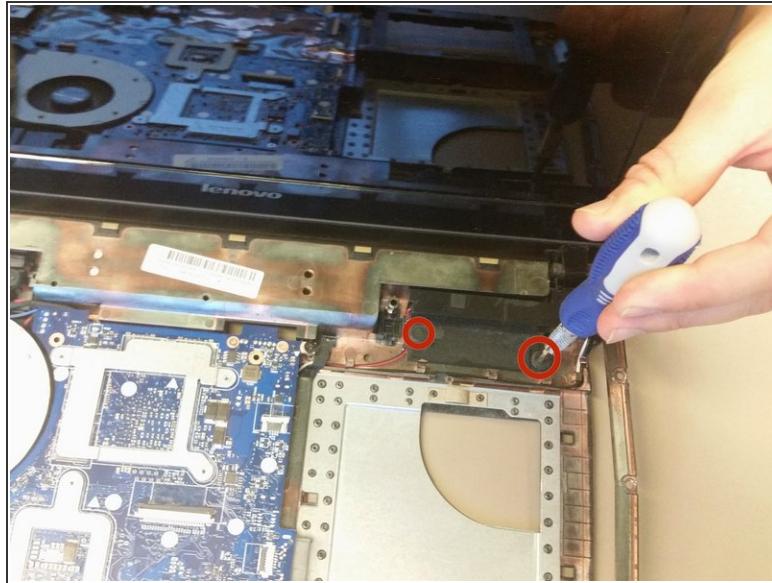
- Remove the specified cable on top of the motherboard.
- Flip the laptop over, and remove the specified cables.
- Remove the two M2.5x4mm screws with a Phillips #0 screwdriver
- Remove the motherboard with hands.

## Step 8 — Removal of Left Speaker



- Remove two M2.0 x 3mm flathead screws on the left side (using the small flathead screwdriver).

## Step 9 — Removal of Right Speaker



- Remove two M2.0 x 3mm flathead screws on the right side (using the small flathead screwdriver).

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