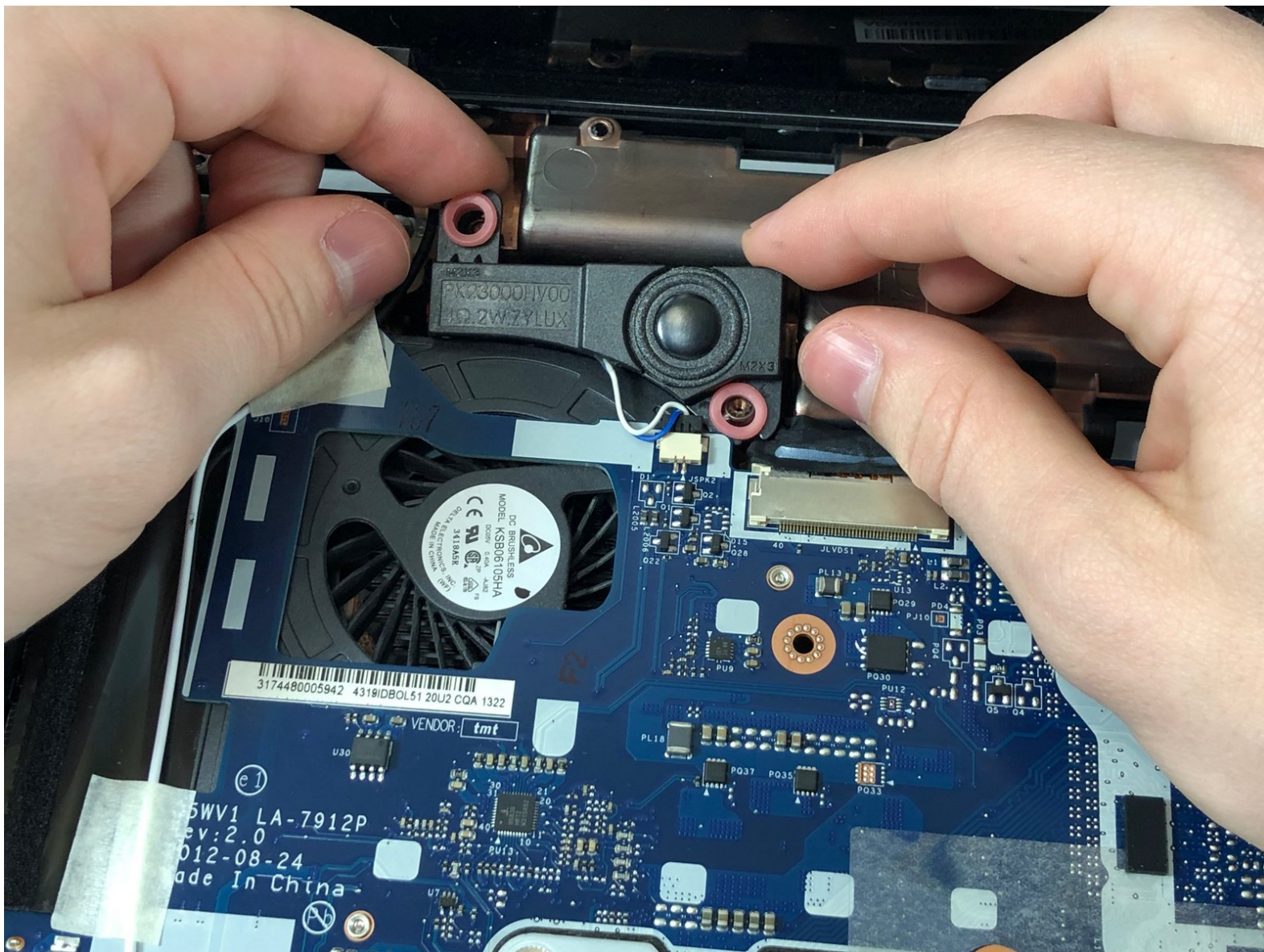




# Acer Aspire E1-531-2438 Speakers Replacement

This guide will explain how to replace the speakers on an Acer Aspire E1-531-2438.

Written By: Jakob Rinkus



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## INTRODUCTION

Computer has no sound, sounds distorted is crackling. This guide will explain how to replace the speakers on an Acer Aspire E1-531-2438.

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### TOOLS:

- [Spudger](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
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## Step 1 — Battery



 Unplug and power down the device before removing the battery.

- Turn the device over so the back side is facing up.
- Using a spudger, slide the orange latch to the right. This will release the battery, which should pop up from the device.
- Use two hands tilt the side of the battery closest to the orange latch upward as shown in the images.

## Step 2



- Tilt the side of the battery closest to the orange latch upward.
- Lift the battery up and out of the device.

## Step 3 — Hard Drive



- Using a Phillips #0 screwdriver, remove the two 9mm screws on the access panel.

## Step 4



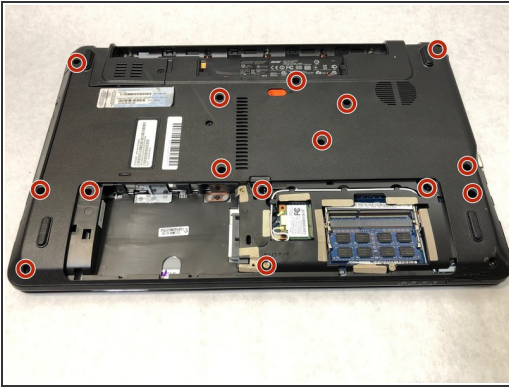
- Using the indentation, pry open the access panel with your fingers or a spudger.
- Remove the access panel to expose the hard drive, WiFi chip, and RAM modules.

## Step 5



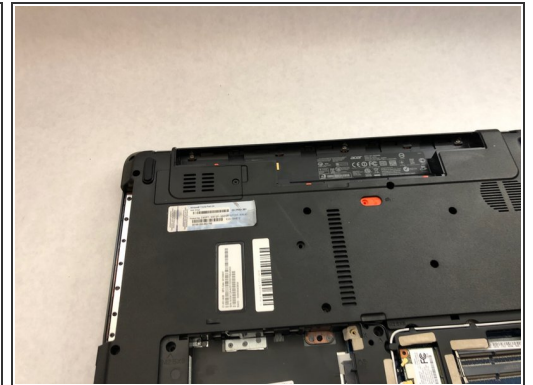
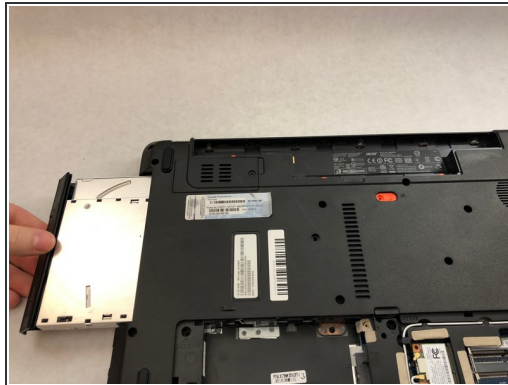
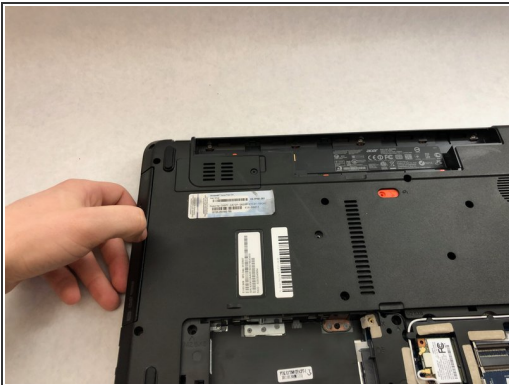
- Grip the plastic tab on the hard drive, then pull to the left to unplug the drive from its socket.
- Once free from the socket, lift the hard drive up and out of the device.

## Step 6 — Speakers



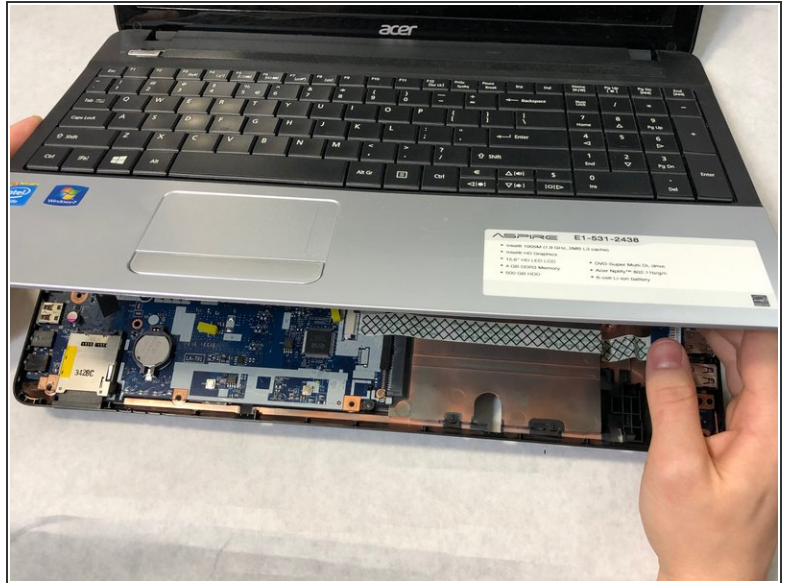
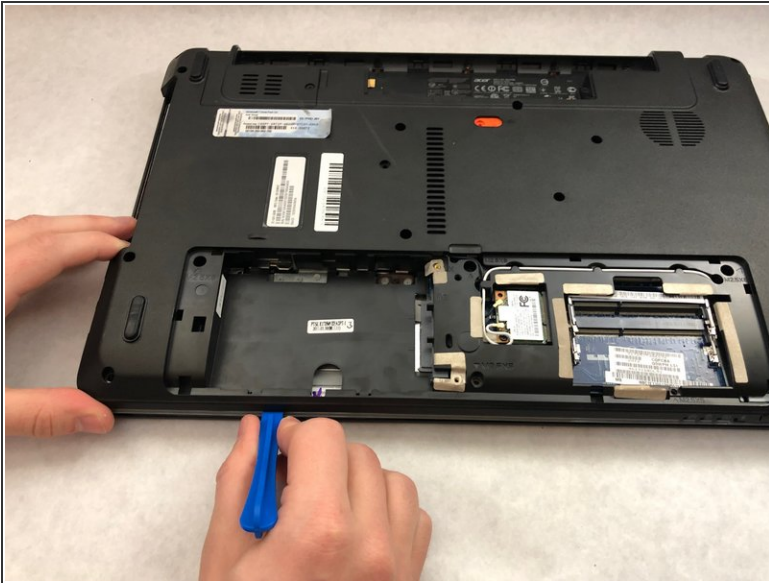
- Using a Phillips #0 screwdriver, remove all of the following screws:
  - Fifteen 9mm size screws
  - One 6mm screw
  - Three 3.5mm screws

## Step 7



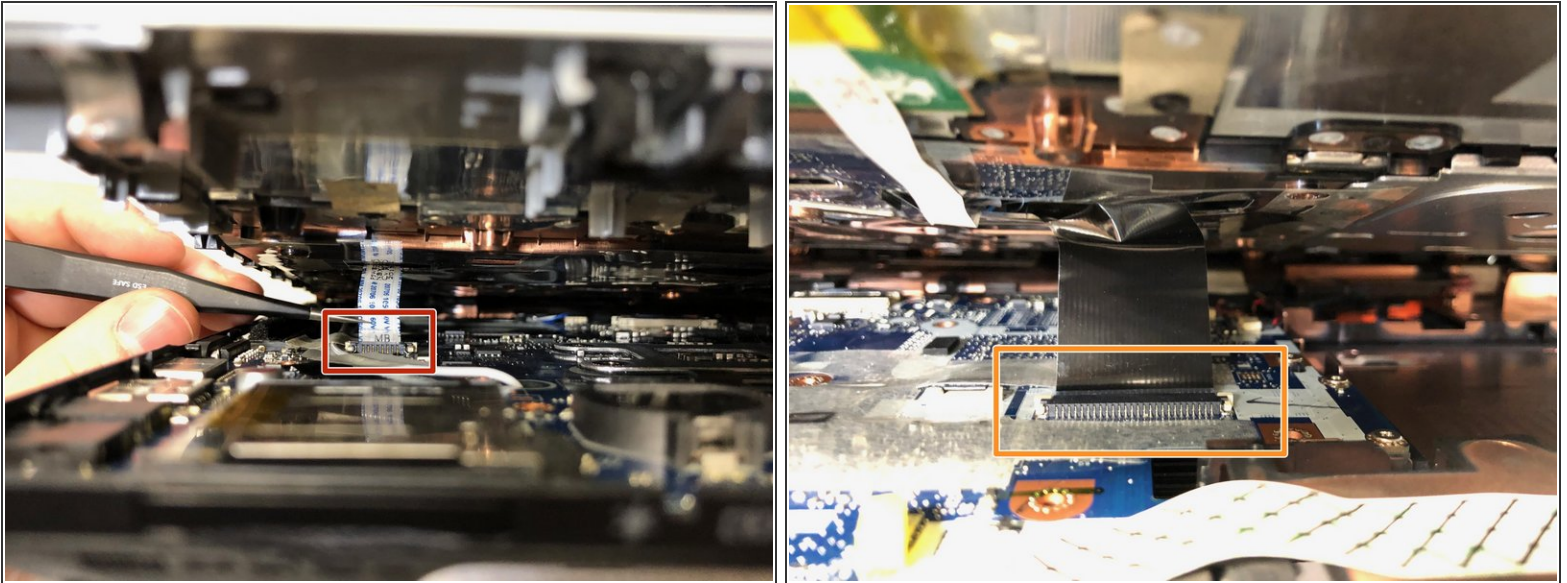
- Remove the optical drive by sliding it out of its slot on the side of the laptop.

## Step 8



- Using a plastic opening tool, pry along the seam running the perimeter of the laptop to separate the bottom case from the palmrest assembly.
- Flip the device over and open the laptop so that the keyboard is visible.
- Lift up the palmrest assembly just far enough to access the connectors underneath.

## Step 9



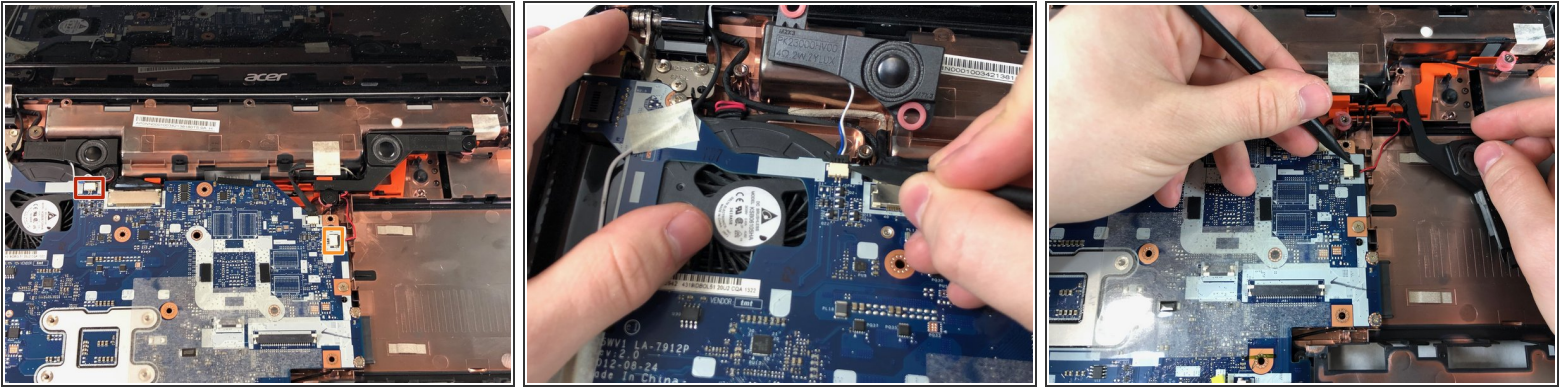
- Using a pair of tweezers, disconnect the small white ribbon cable from the connector near the left side of the device.
- Disconnect the large black ribbon cable near the middle of the device. Gently pull on the cable away from you.

## Step 10



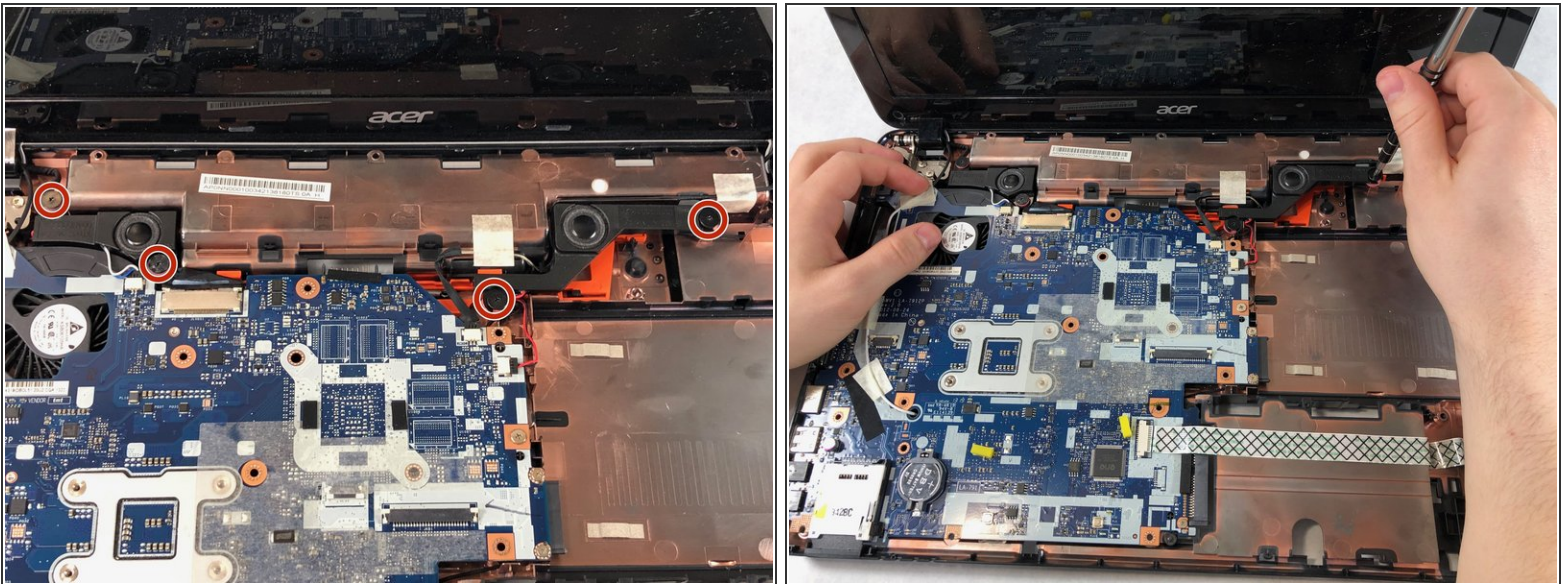
- Lift and remove the palmrest assembly and the attached keyboard.

## Step 11



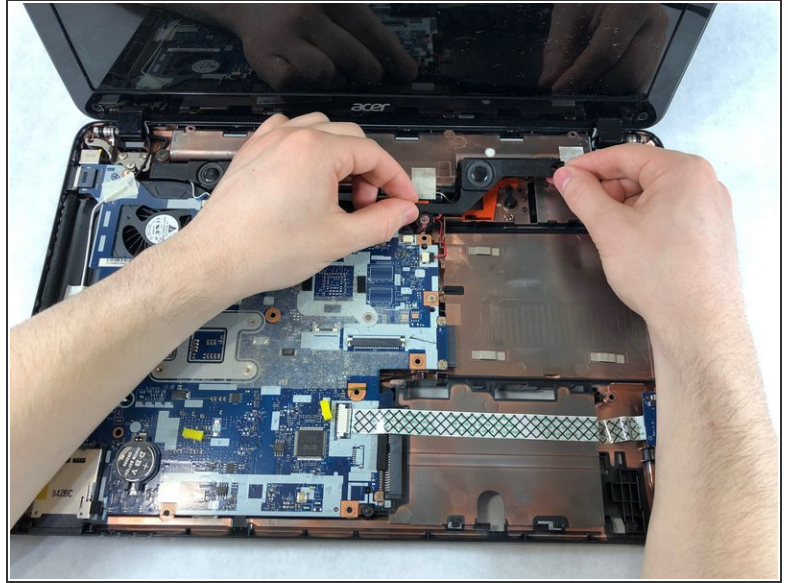
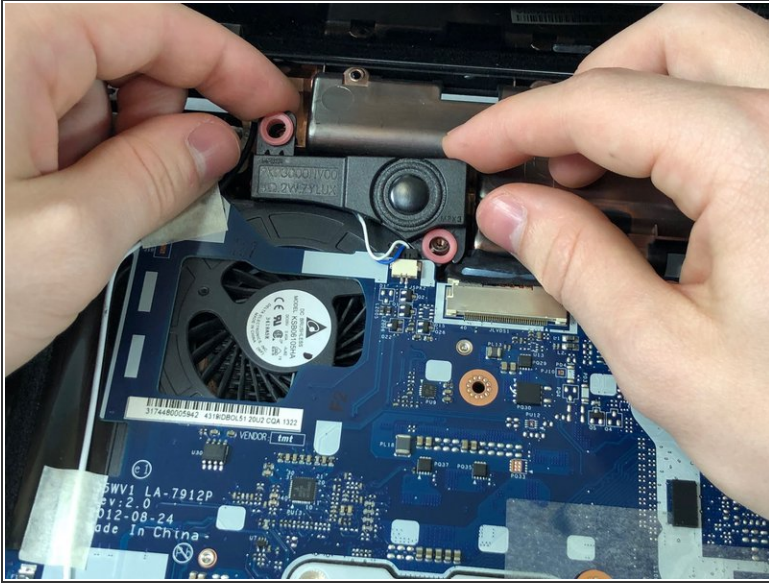
- Using a spudger, disconnect the connector for the left speaker.
- Disconnect the right speaker connector in the same manner.

## Step 12



- Using a Phillips #0 screwdriver, remove the four 3mm screws to release the left and right speakers.

## Step 13



- Lift and remove the left and right speakers.

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