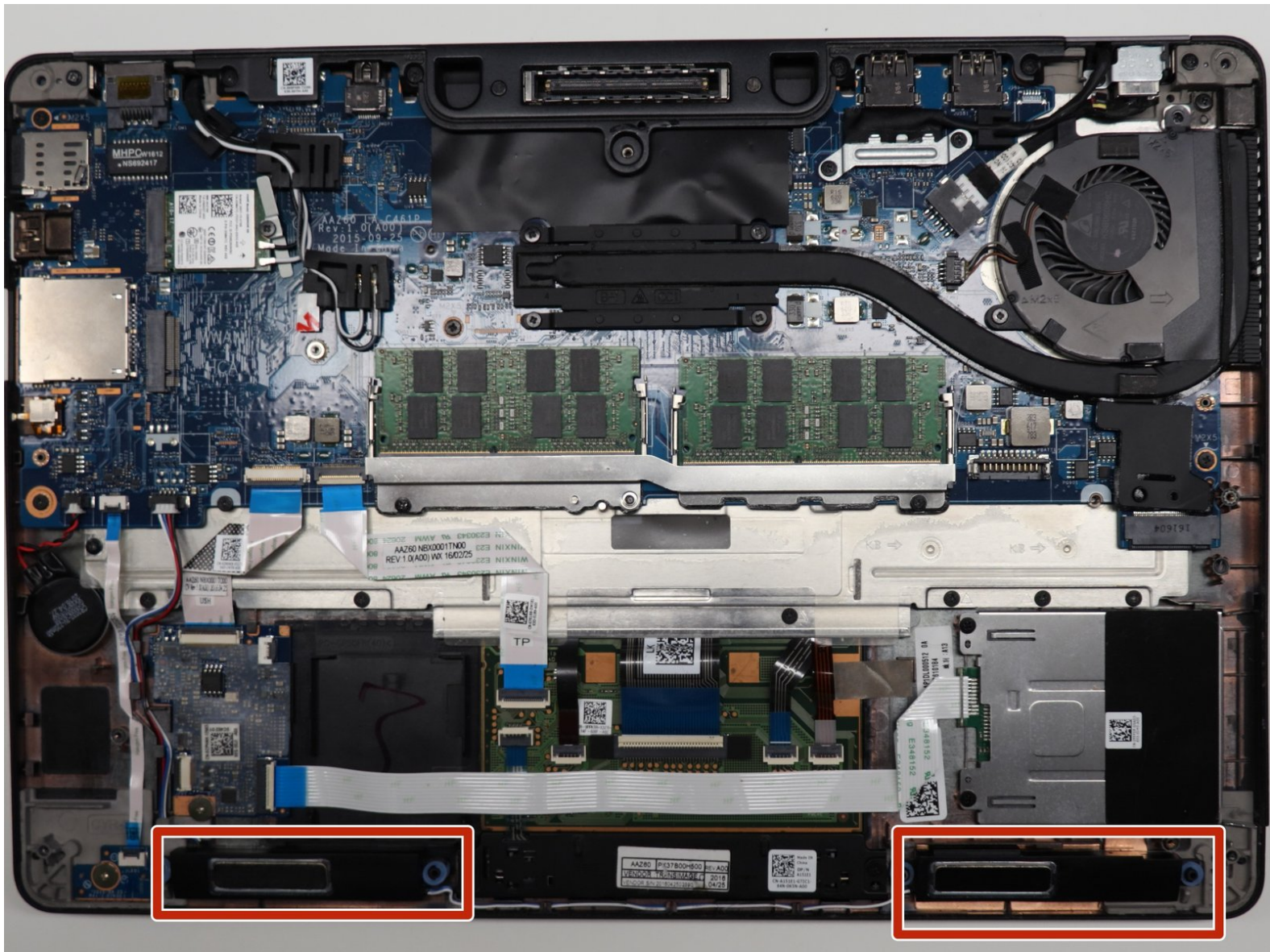# Dell Latitude E7470 Speakers Replacement

Replace the Dell Latitude E7470 Laptop internal speaker units.

Written By: DCurrent

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# INTRODUCTION

The Dell Latitude E7470 laptop's internal speaker units are responsible for audio output and are paired for stereo sound. If one or both units fail, sound output is compromised. Signs of a failing speaker include decreased volume, distortion, or garbled sound. The left and right speakers are hardwired together and sold as a single unit.
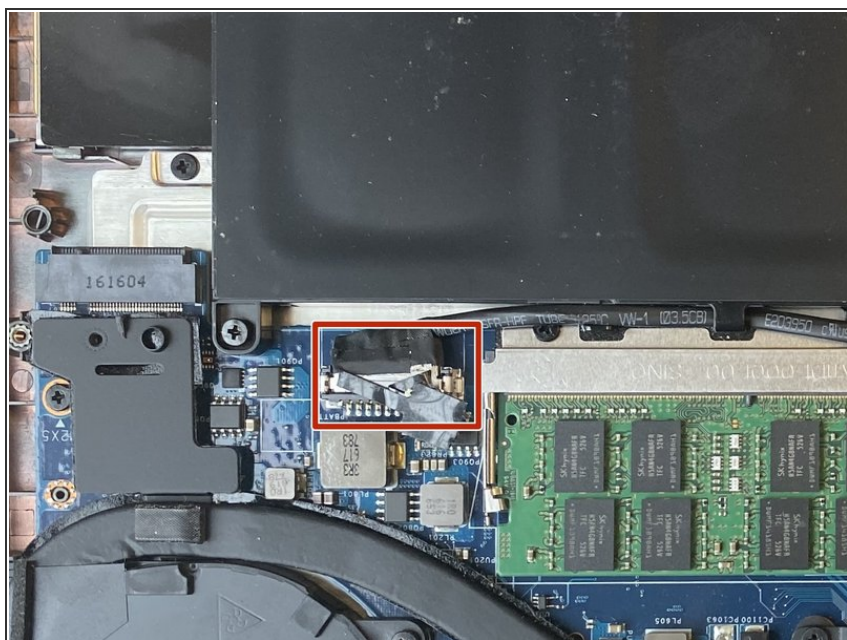
## TOOLS:

- Phillips #0 Screwdriver (1)

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## Step 1 — Back Cover



- Remove the eight 4 mm screws on the back cover using a Phillips #0 screwdriver.
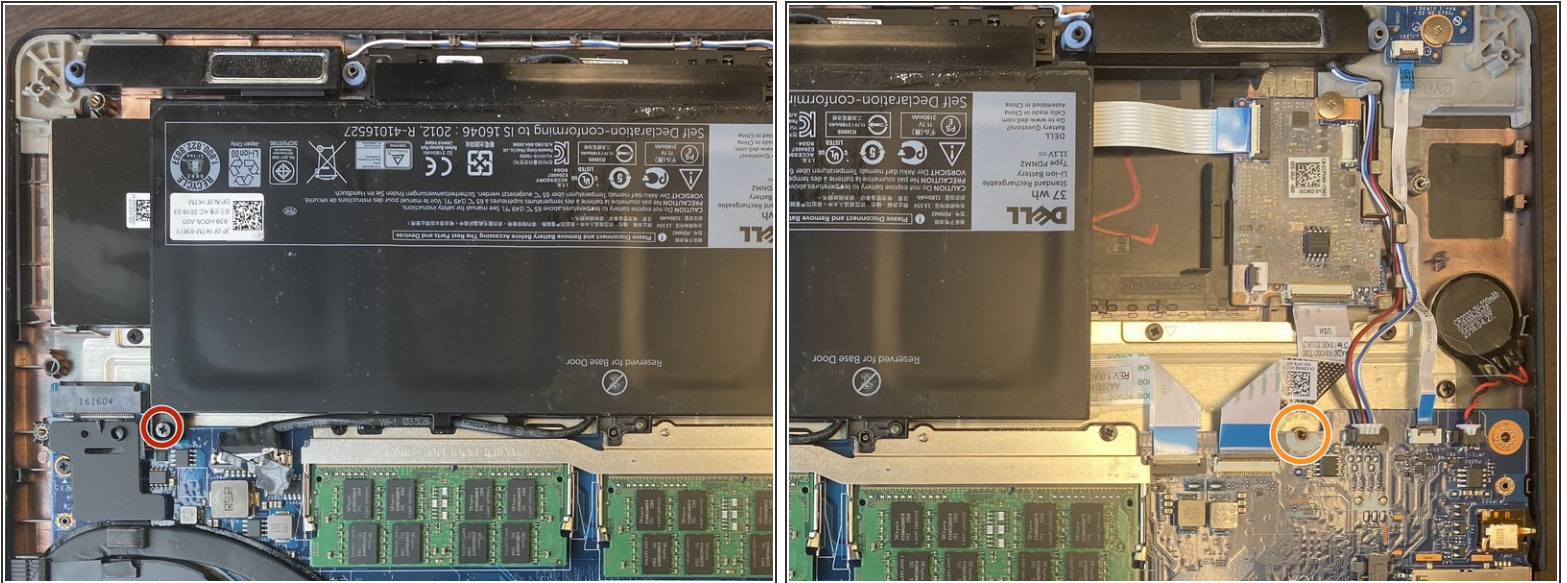
## Step 2 — Battery



- Use the pull tab on the battery connector to lift the connector straight up off its socket on the motherboard, disconnecting it.

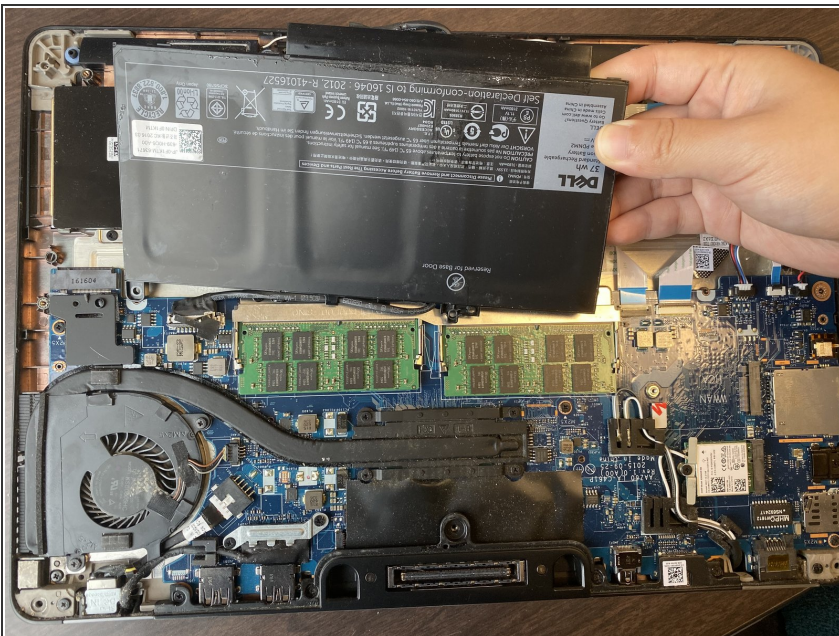This document was generated on 2022-06-10 01:40:48 AM (MST).

## Step 3



- Remove the single 4 mm Phillips screw securing the bottom left corner of the battery.

- If you are removing an extended capacity battery, remove the Phillips screw securing the bottom right corner of the battery.
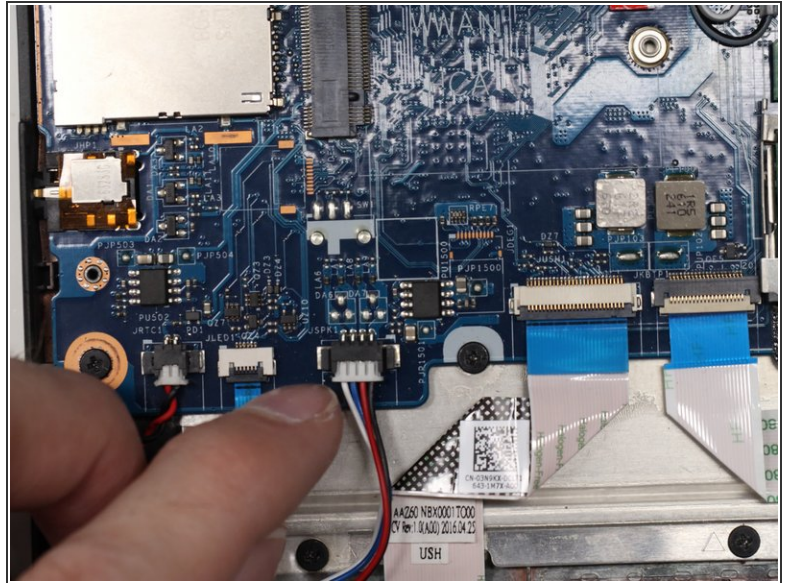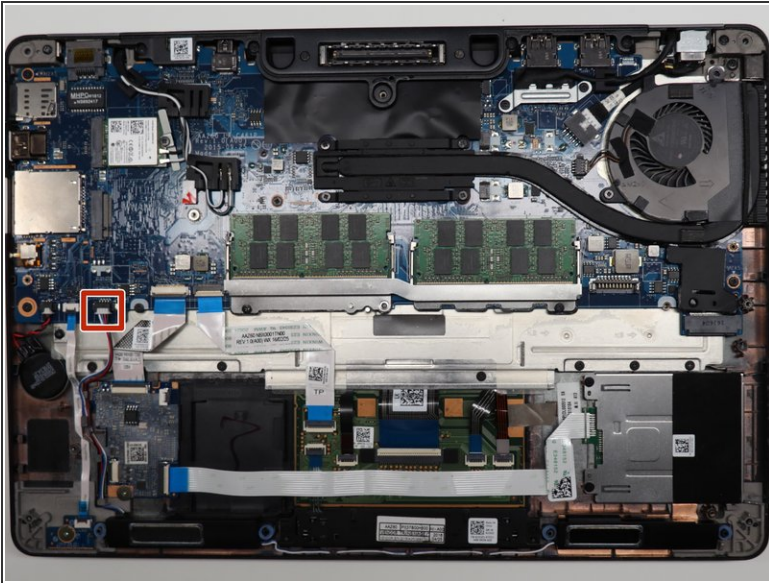
## Step 4



- Remove the battery from the laptop.

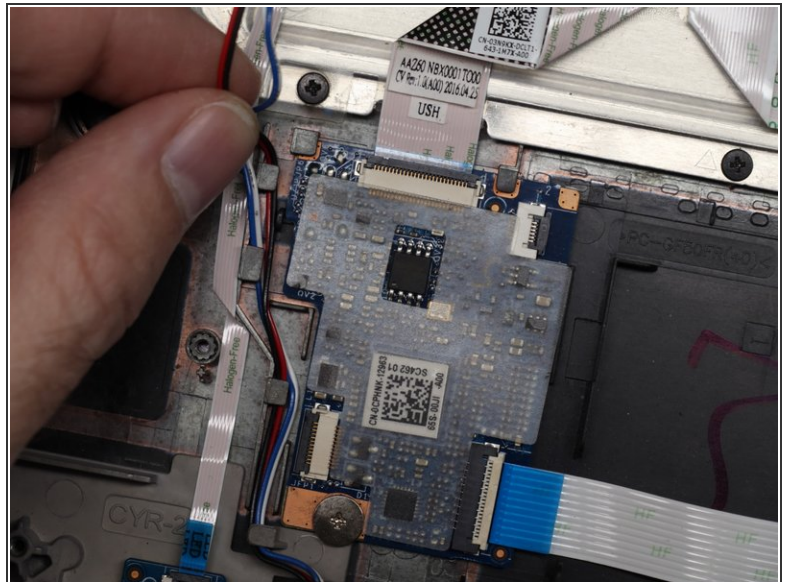This document was generated on 2022-06-10 01:40:48 AM (MST).
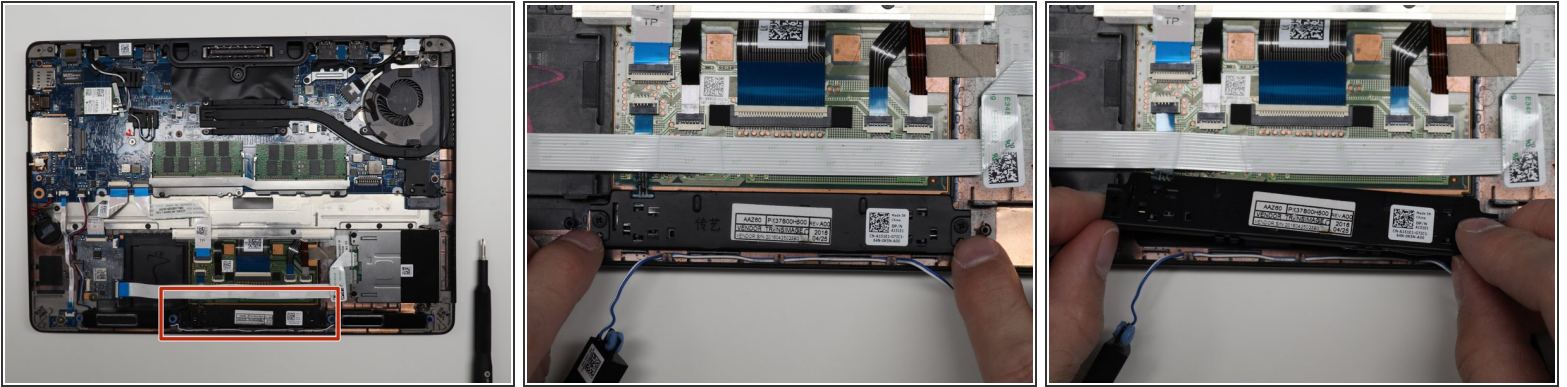
## Step 5 — Speakers



- Unplug the four pin speaker connector from the motherboard.
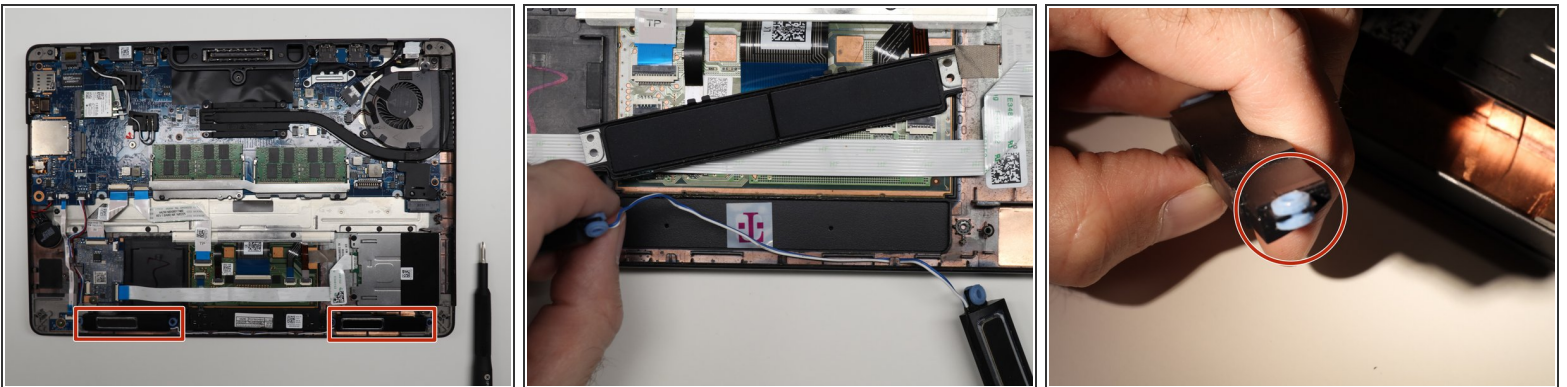
## Step 6



- De-route the speaker wire harness from the guide rails.

## Step 7



- Use a Phillips #0 screwdriver to remove the left and right mouse button assembly screws.

- (i) This allows you to slightly lift the assembly and gain full access to the wire harness that links the left and right speaker units. You do not need to fully remove the button assembly.

## Step 8



- Starting with the left speaker (your right), carefully lift the units away and de-route the wire harness linking them.

- (i) Take note of the soft boots that hold each speaker in place. They should lift freely away, but if needed you may wedge them loose by hand or with your spudger.

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

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