



# HP 15-r137wm TouchSmart Audio Speakers Replacement

In this guide, you will remove and/or replace...

Written By: Ross B Jacques



# INTRODUCTION

In this guide, you will remove and/or replace the audio speakers within the HP 15-r137wm TouchSmart. The speakers are where any audio from your device comes out of. These small, compact speakers can reach between 50 and 90 decibels. Also, the screws which attach the speakers to the housing have shock absorbers so that vibration is not an issue when playing audio.

---

## TOOLS:

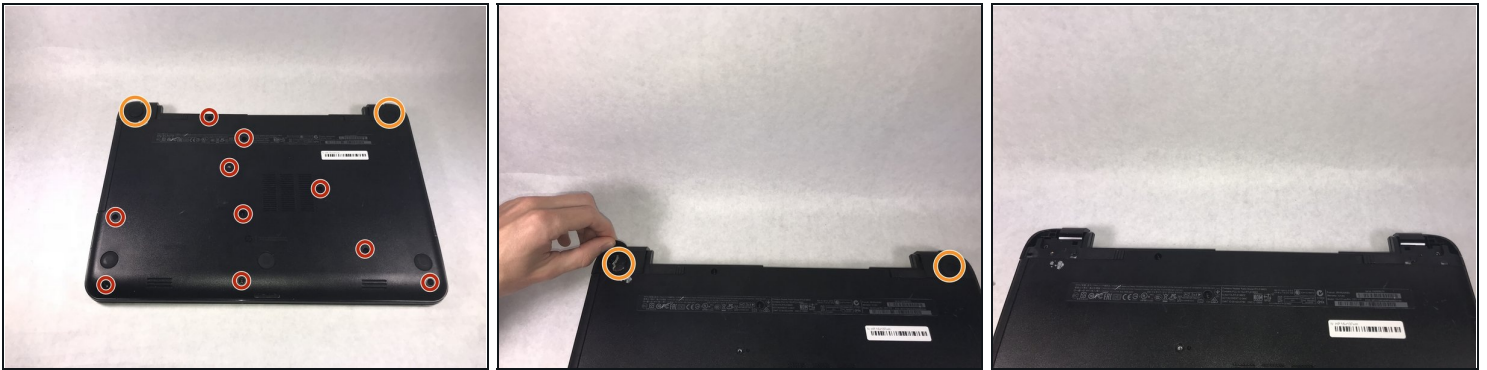
[iFixit Opening Tool](#) (1)

[Anti-Static Wrist Strap](#) (1)

[Phillips #0 Screwdriver](#) (1)

---

## Step 1 — Front Panel Assembly



 Make sure that the device is powered off and unplugged before removing components.

- Remove all ten (10) 5.5 mm Phillips #0 screws.
- Remove the two (2) plastic tabs located at the rear of the panel. Locate the two (2) 7.5mm Phillips #0 screws underneath the pads and remove.

## Step 2



- Use a wide plastic opening tool to pry off the top casing.
- ❗ Be cautious not to crack the casing near the keyboard as it is quite fragile.
- Lift the cover off carefully as there are wires still attached to internal components.

⚠ After panel is removed, use an [anti-static wrist strap](#) to ensure the motherboard does not get any external shocks from static discharge.

## Step 3

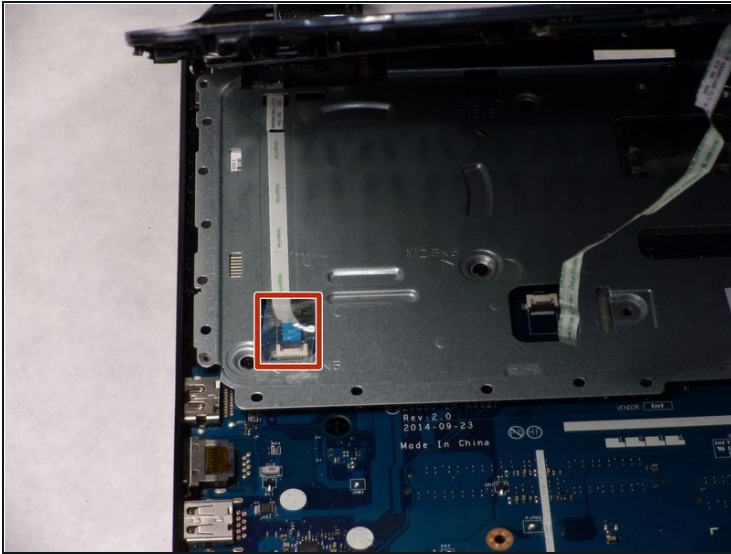


⚠ The connection for the track pad is still connected.

- Move the keyboard slightly out of the way to locate the connection.
- Disconnect the small wire protruding from the motherboard underneath the metal plate.



## Step 4

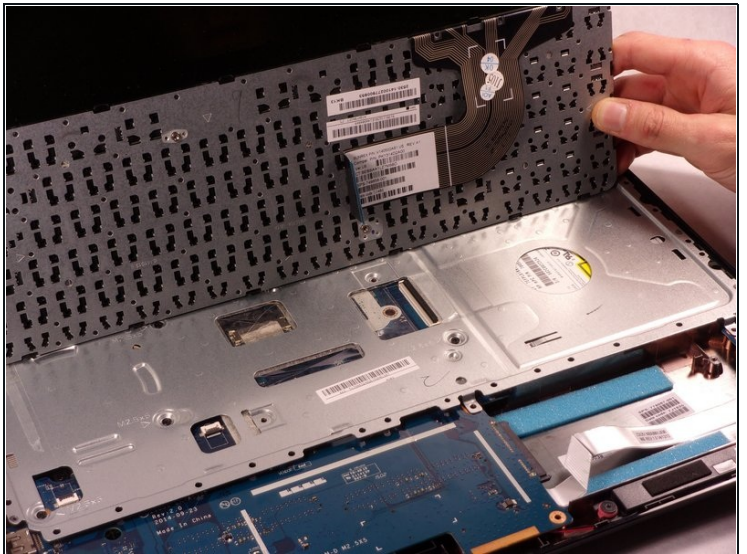
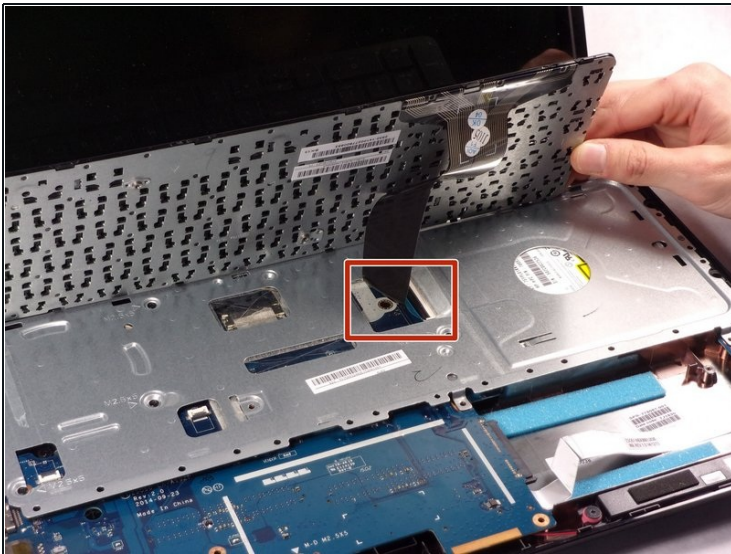


- Locate the connection between the power button and the connecting cable.

⚠ Do not lift the front panel off too far as the cable is still attached.

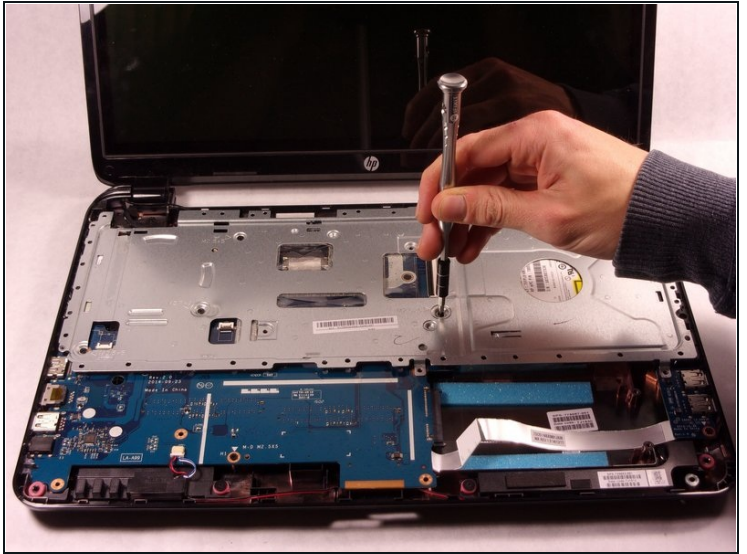
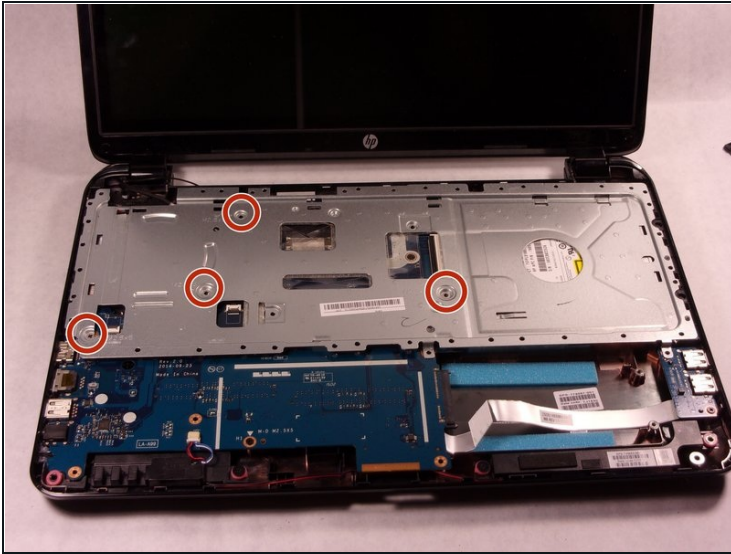
- Remove the cable from the motherboard carefully.

## Step 5 — Keyboard



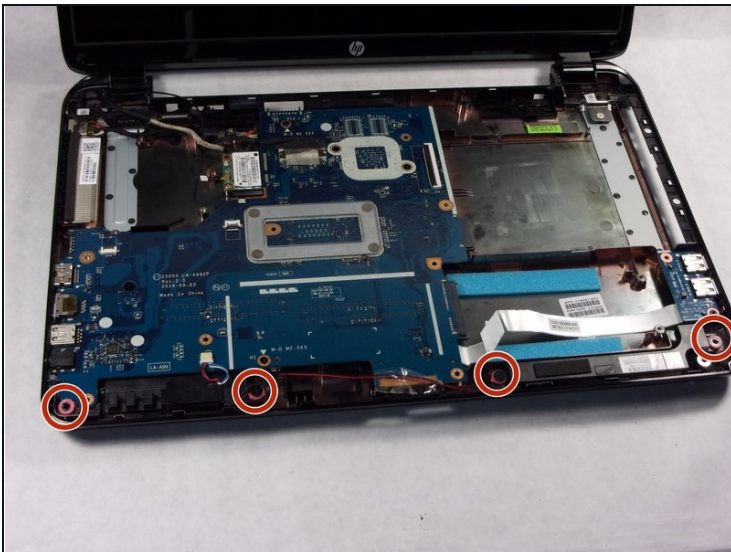
- Disconnect the connection between the keyboard and the motherboard.

## Step 6



- Remove the four (4) 2.5mm by 3.5mm Phillips #0 screws from the metal retaining plate.
- Lift the metal retaining plate off and away from the device.

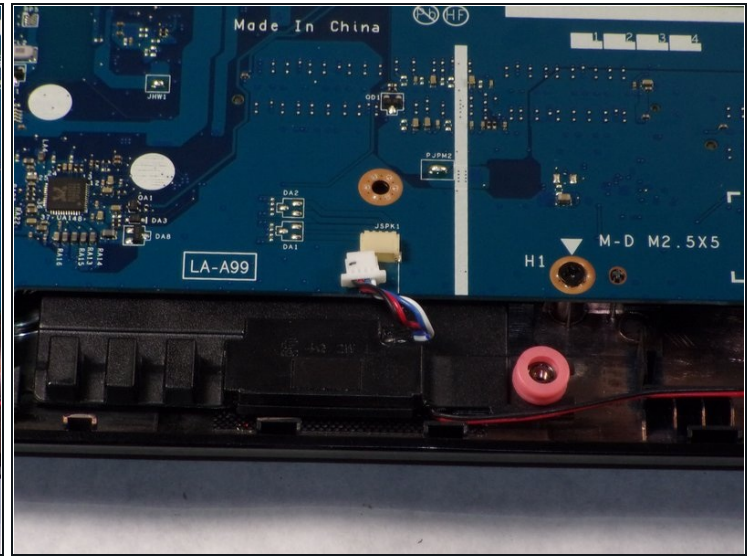
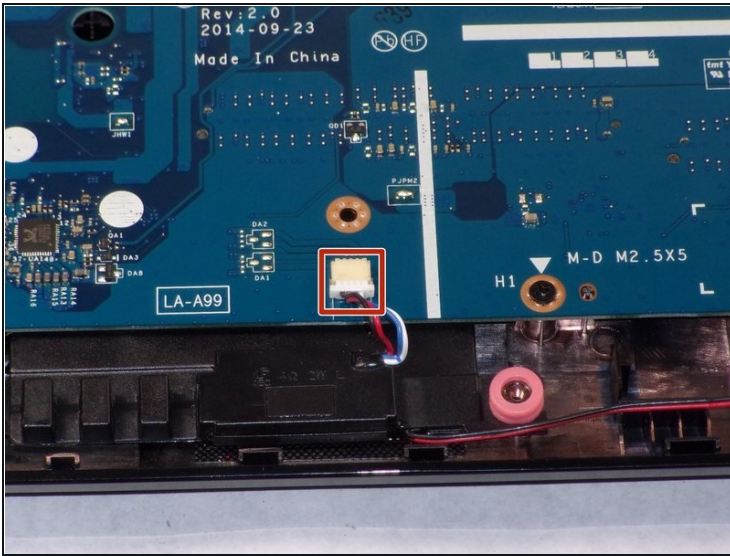
## Step 7 — Audio Speakers



- Remove the four (4) 2.5 mm Phillips #0 screws.



## Step 8



- Disconnect the power source from the motherboard.
- ⚠ The wires are very small and thin, so be careful when removing.
- Lift the speakers away from the housing by sliding them out from under the motherboard.

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