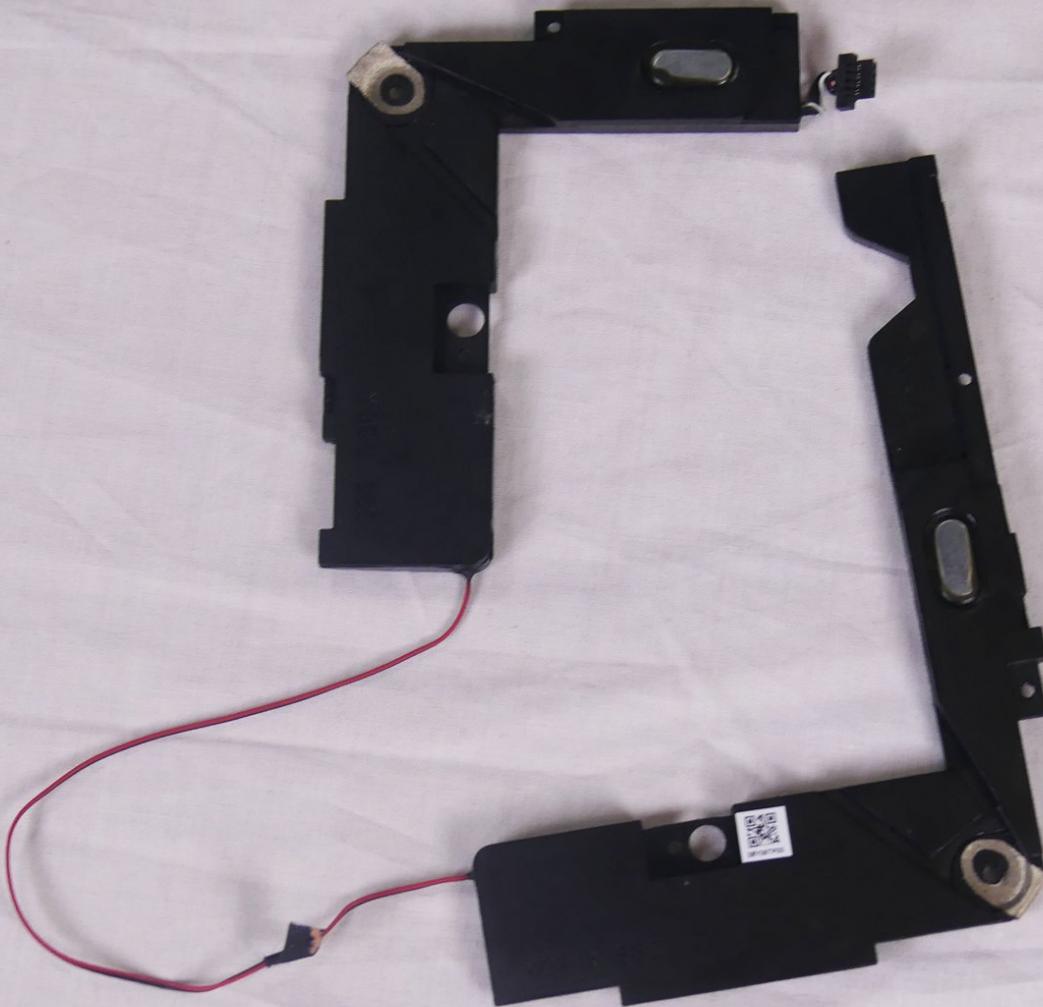




HP Chromebook 14-x013dx Speakers Replacement

This guide will walk you through the process of changing out the HP Chromebook 14-x013dx's speakers.

Written By: NHerbert



INTRODUCTION

This guide demonstrates the replacement of the Chromebook's speakers. This will require the removal of the front keyboard plate and accessing the laptop's internals. You will need to remove and keep track of thirteen 6mm screws in total.

TOOLS:

- [Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)

Step 1 — Keyboard, Touchpad



- Using the plastic spudger, gently lift the 5 rubber pads away from their seating.

Step 2



- Remove the five 6mm screws located under the removed pads using Phillips #00 screwdriver.

Step 3



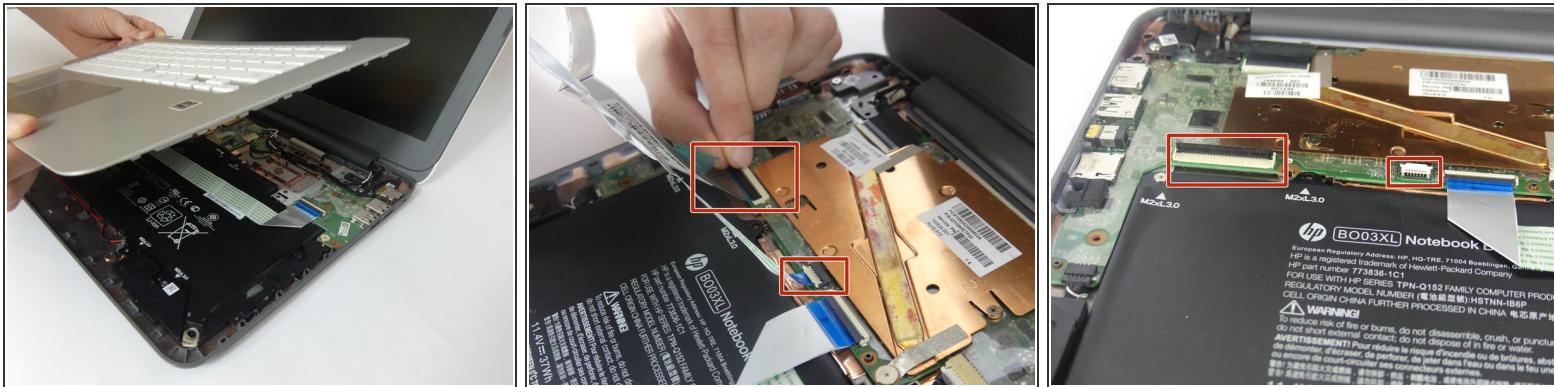
- With the Phillips #00 screwdriver, remove the remaining eight 6mm screws. You will now have thirteen 6mm screws removed from the case.

Step 4



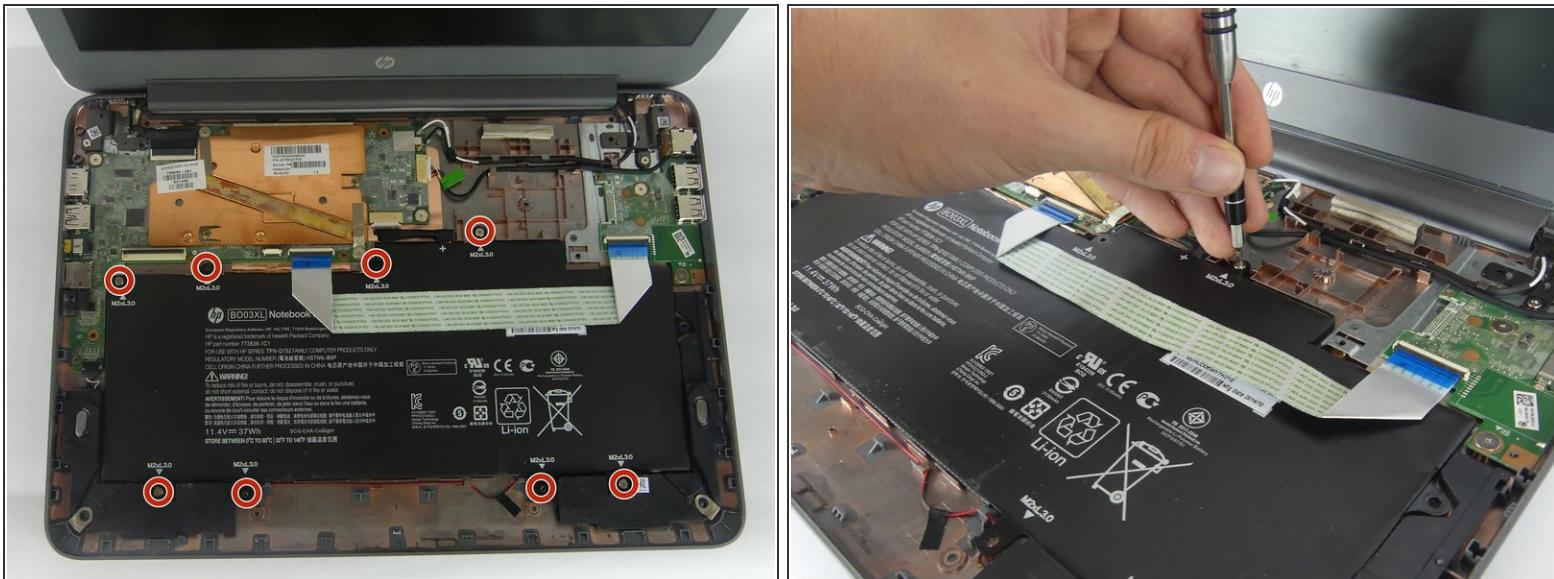
- To continue removing the back cover, turn the laptop over as displayed.
- Use the plastic spudger to gently pry around the base of the laptop from the back cover. Continue prying around the entire base of the laptop.

Step 5



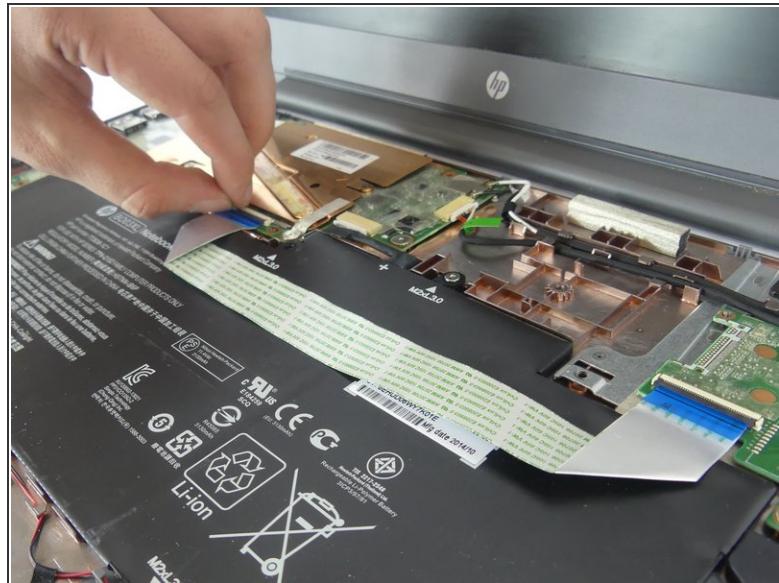
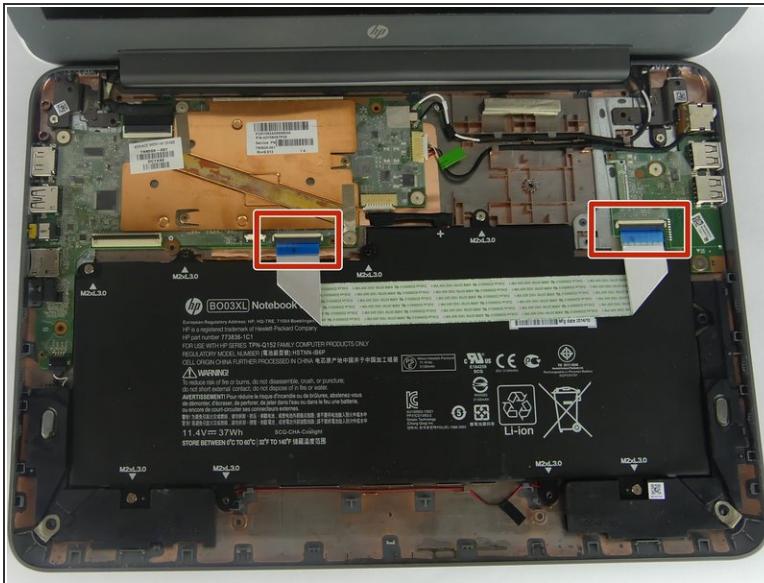
- Gently lift the silver base of the laptop from the bottom, but do not remove it.
- To remove the ribbon cables, lift the latch holding the ribbon cables in place and then pull them free.
- Remove the keyboard panel from the laptop.

Step 6 — Battery



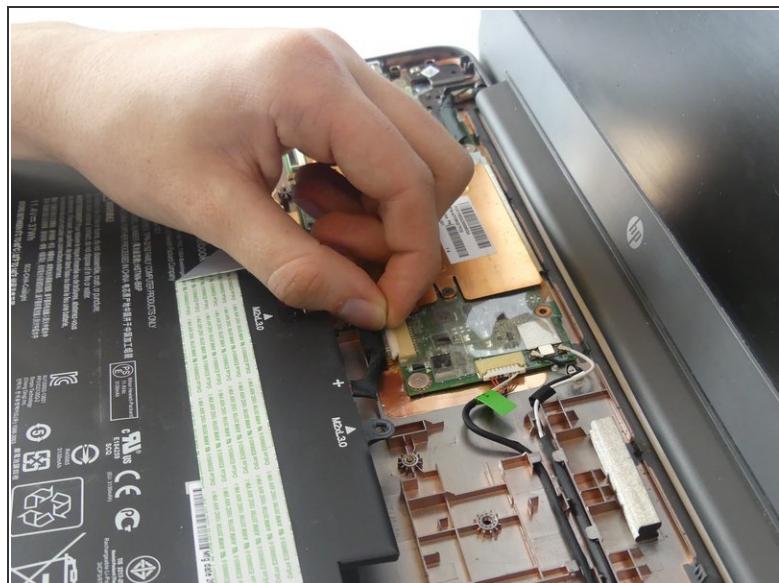
- Remove the eight 4mm screws holding the battery in place using the Phillips #00 screwdriver.

Step 7



- Remove the ribbon cable that runs over the battery by lifting up the plastic latches and pulling the cable away.

Step 8



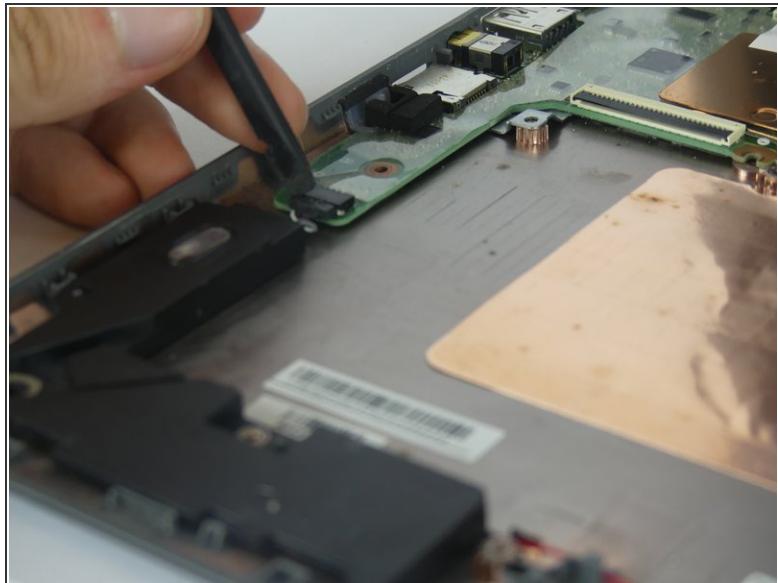
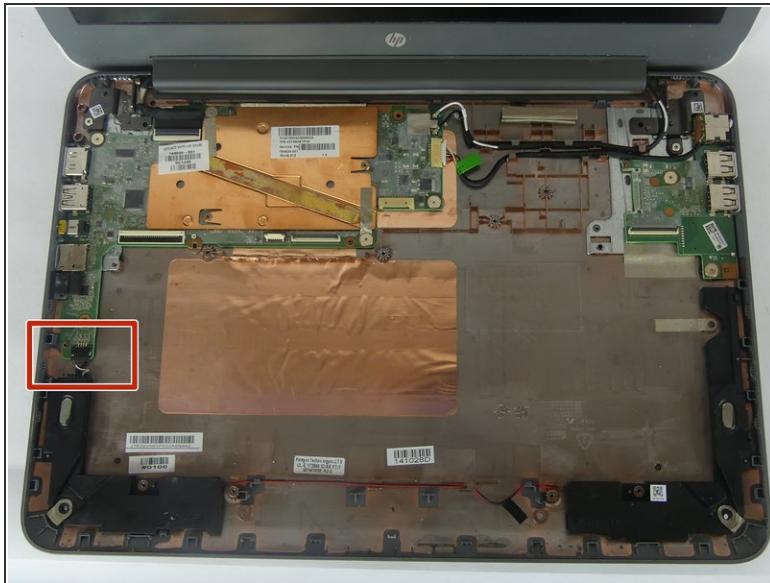
- Unhook the battery's power connector from the motherboard.

Step 9



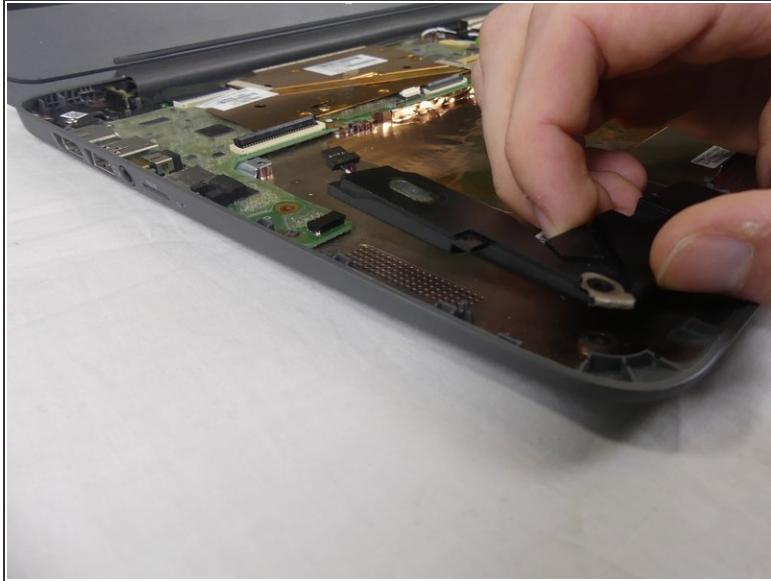
- Lift the battery out of the laptop case.

Step 10 — Speakers



- Unplug Speaker from motherboard.

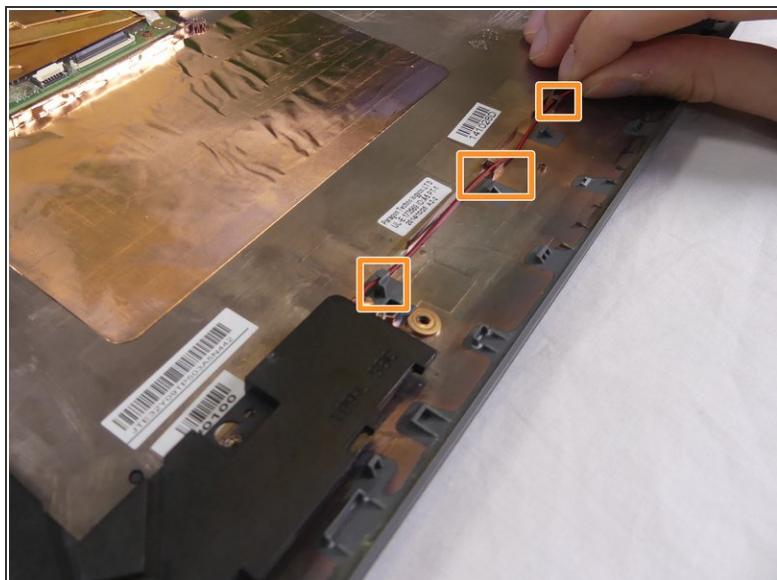
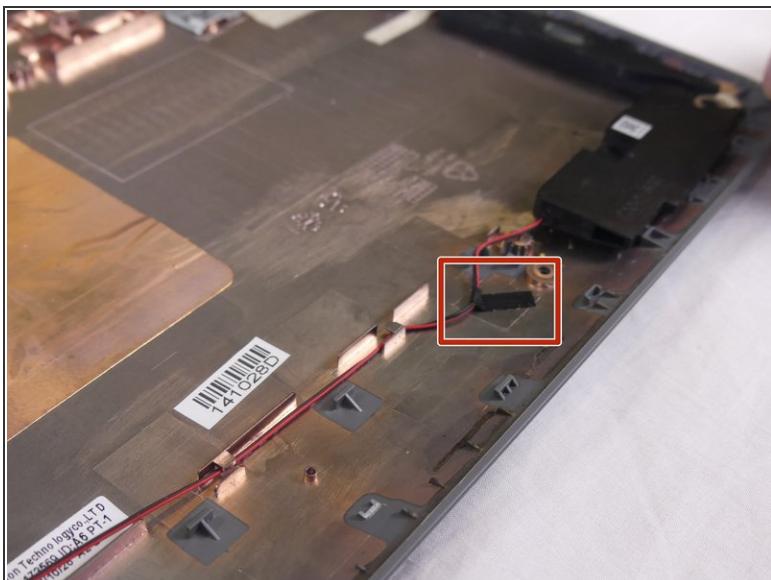
Step 11



- Pull the left and right speaker out carefully.

(i) The corners of the the speakers will be held in place by tape, and may require a bit of force.

Step 12



- Remove the black tape holding the wire to the laptop casing.
- Remove the wires from the three hooks on the case.

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