



HP Chromebook 11-2210nr Speakers Replacement

This guide will show the steps needed to replace the speakers on your HP Chromebook 11-2210nr.

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INTRODUCTION

In this guide, you will be able to perform the process of removing and replacing your faulty or broken speakers. Both speakers are connected to a single wire plugged into the motherboard.



TOOLS:

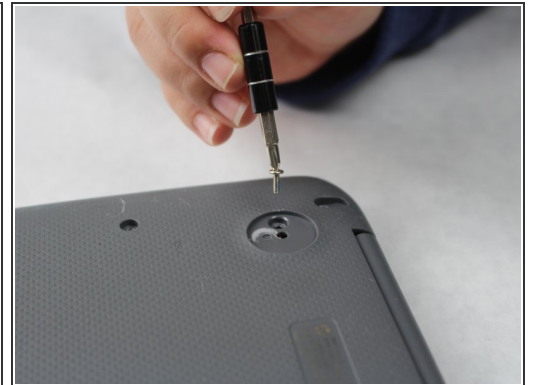
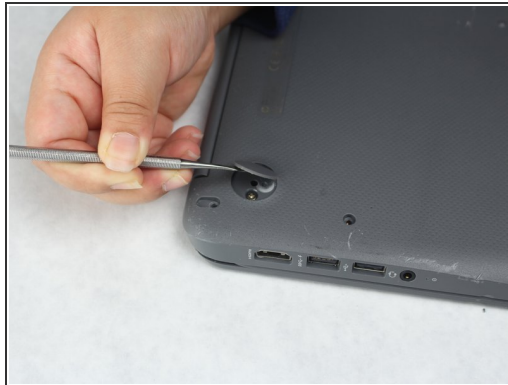
- [Metal Spudger](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Spudger](#) (1)
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Step 1 — Speakers



- Position your closed laptop face down to remove the 9 visible 6mm screws using the Phillips #1 screwdriver.

Step 2



- Using the metal spudger, remove the two rubber pads that are closer to the hinge of the laptop.
- Remove the two additional 6mm screws located beneath the rubber pads using the Phillips #1 screwdriver.
- ⓘ The two bottom rubber pads do not contain screws, but you may check if you wish to be sure.

Step 3



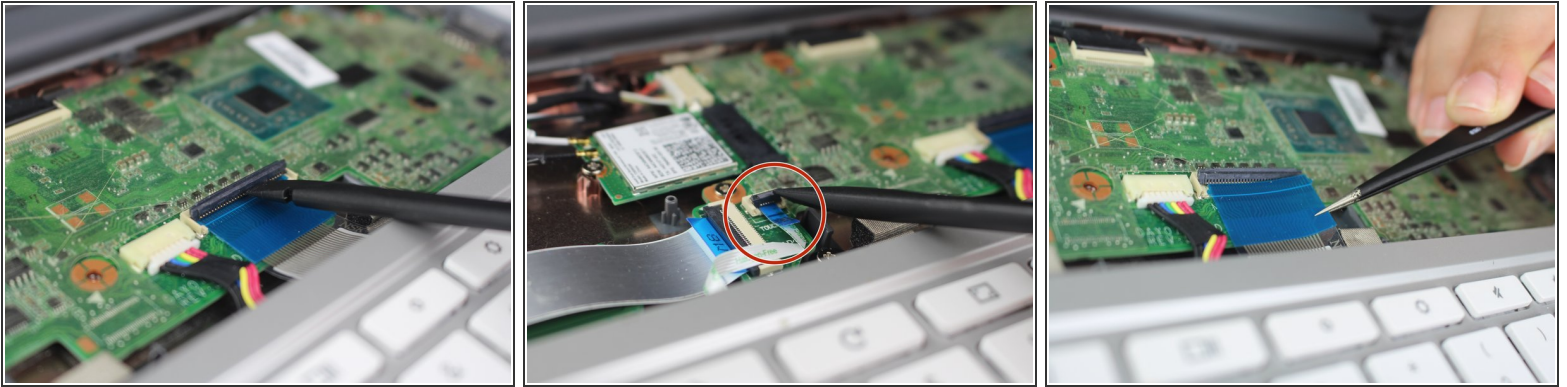
- Turn the Laptop over and with the metal spudger start to run it along the plastic seam to pry it off.
- ⓘ You will hear popping sounds when you are sliding the spudger along the device.
- ⓘ For an easier removal, start from the sides and work your way in to the corners.

Step 4



- Carefully lift off the keyboard and gently place it towards you until the two ZIF ribbon wires become visible and place the keyboard down.
 - Locate where the two ZIF ribbon wires are connecting the keyboard to the motherboard in place by clasps.
- ⚠ This does not disconnect the keyboard from the laptop just yet.

Step 5

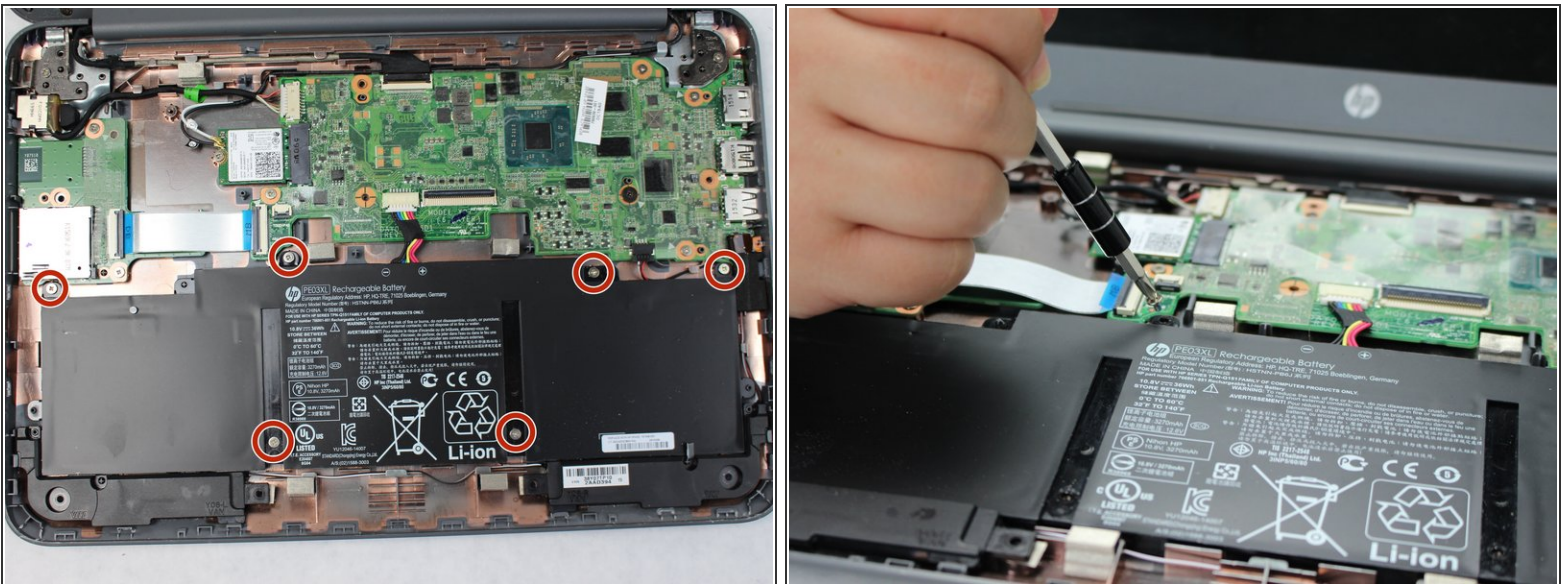


- Using the nylon spudger, lift the plastic clasps holding the two ribbon wires up to properly disconnect the wires.

⚠ It is recommended to use the nylon spudger for this step. Any metal can damage your motherboard.

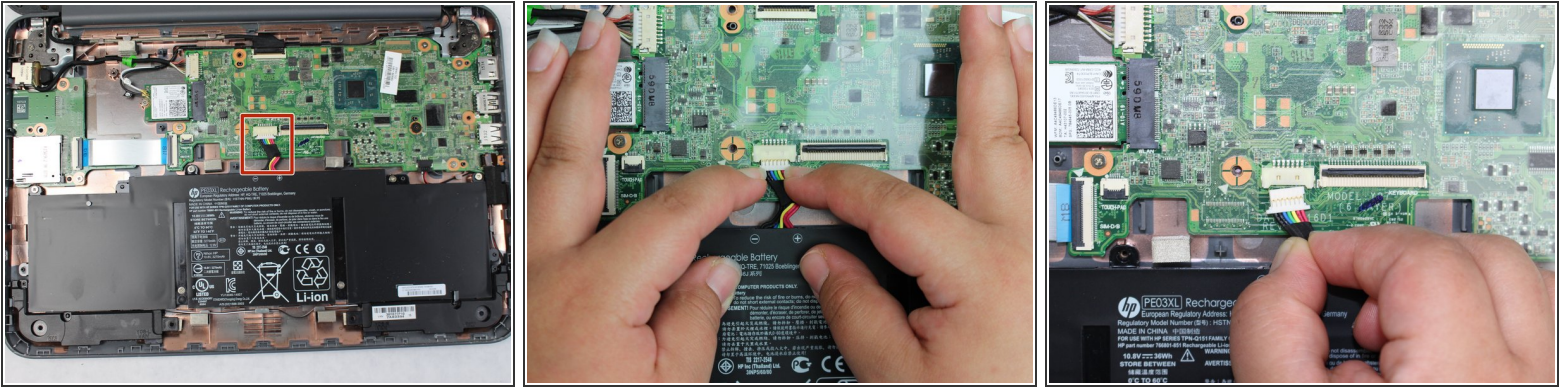
i This step completely disconnects the keyboard to allow safe removal and replacement.

Step 6



- Remove the six 4mm screws holding the battery in place with a Phillips #1 screwdriver.

Step 7



- Carefully unplug the bundle power cable by pulling both edges towards you.

i This successfully disconnects the battery from the laptop.

Step 8

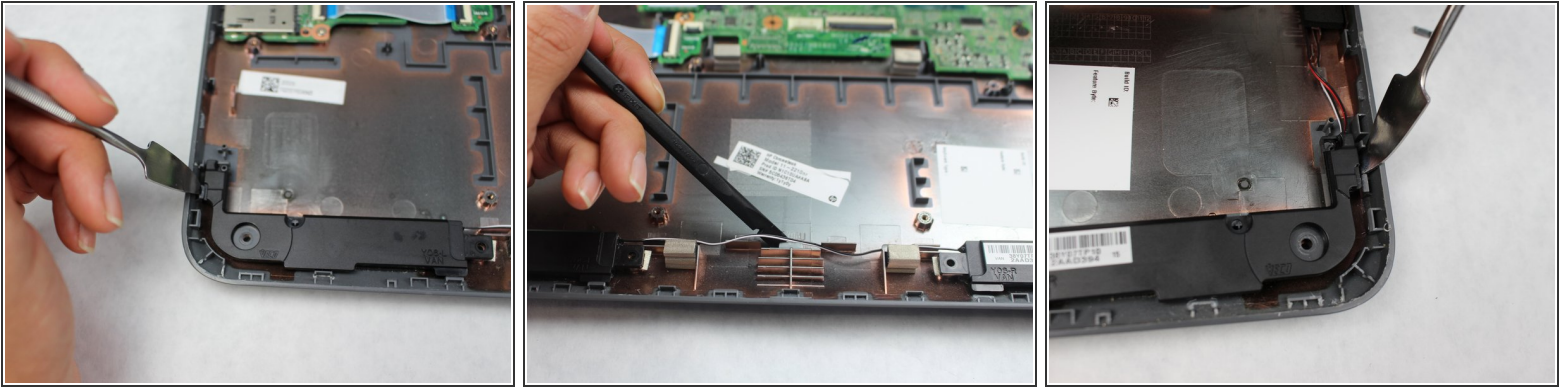


- Carefully lift the battery and safely remove it out of the laptop.

i The battery may have an adhesive sticker attached to the bottom. If so, apply more force when lifting it up.

- After the removal of the battery, the speakers will become accessible.

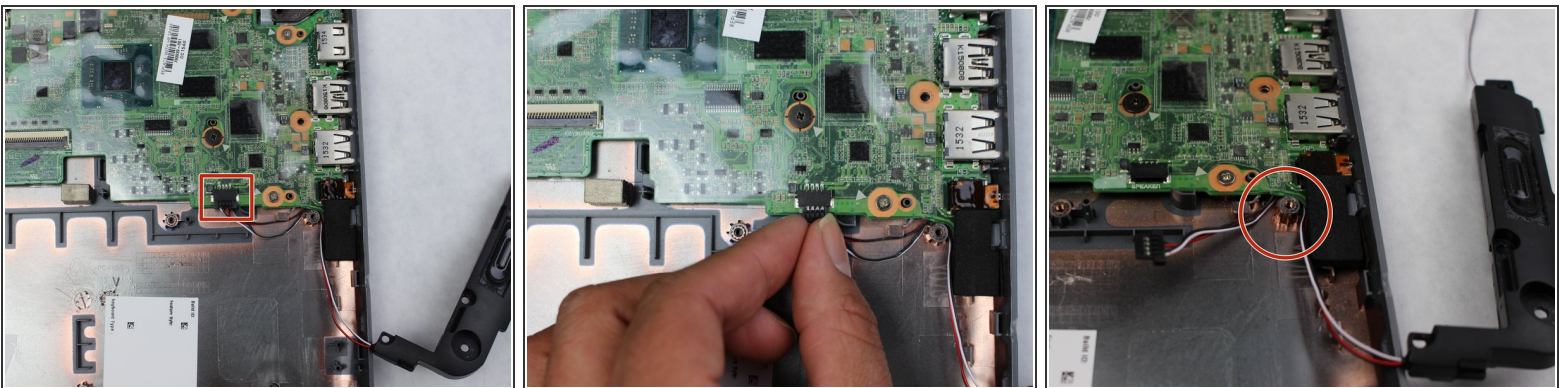
Step 9



- Use the metal spudger to release the LEFT speakers from the laptop.
- Use the metal spudger to release the RIGHT speaker from the laptop.

⚠ The two speakers are connected to a wire that runs along the bottom edge of the laptop and connected up to the motherboard.

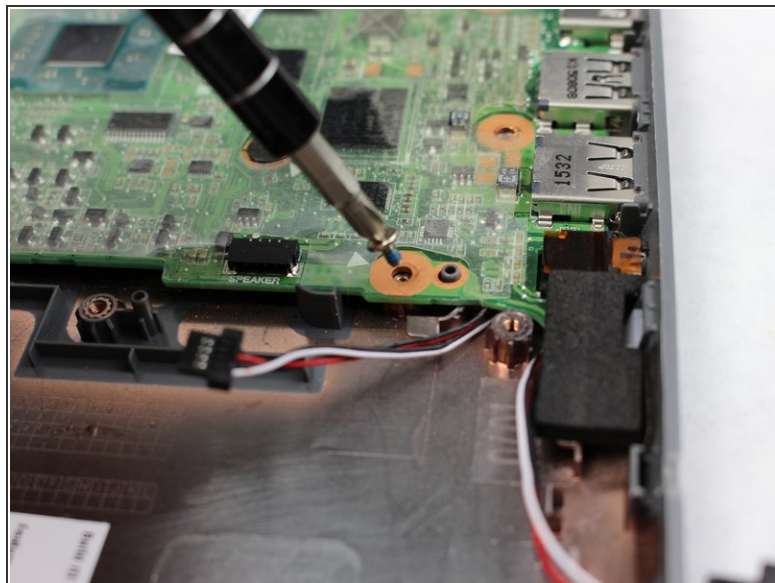
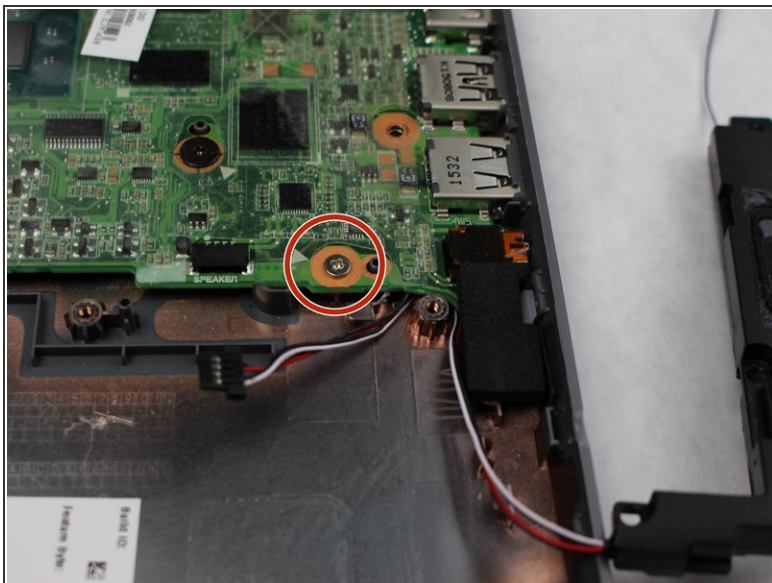
Step 10



- Unplug the speakers small wire bundle from the motherboard.

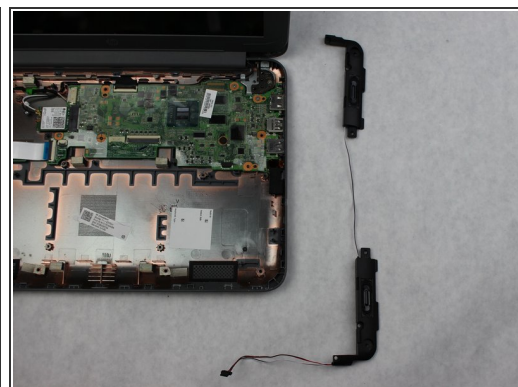
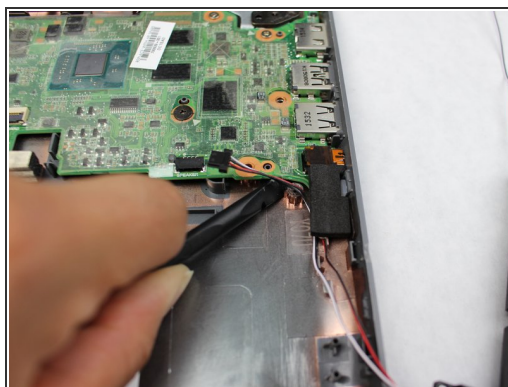
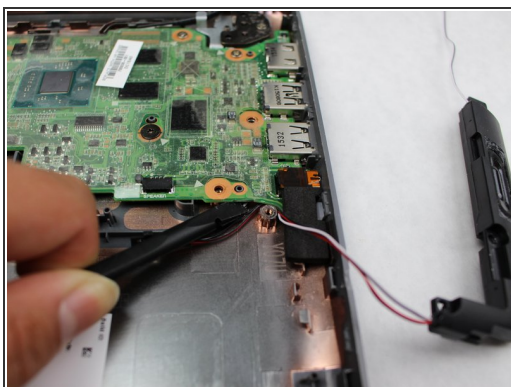
⚠ You will notice the speaker wire is pinched between a screw slot and underneath the motherboard.

Step 11



- Remove the one 4mm screw located above the pinched wire.

Step 12



- Using the nylon spudger, slightly pry up the motherboard to release the pinched wire.

i This step completely disconnects the speaker from the laptop to be safely removed.

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