



Nexus 4 Audio Jack Replacement

This guide details how to remove and replace the audio jack.

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INTRODUCTION

This guide shows how to remove and replace the audio port located on the motherboard in the top right-hand corner of the phone.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)

PARTS:

- [Nexus 4 \(GSM\) Headphone Jack](#) (1)

Step 1 — Back Cover



- Power off the phone, by long-pressing the power button and touching *Power off*.
- Remove the SIM tray using the [SIM Card Eject Tool](#).

 This step is required in order to remove the back case.

Step 2



- Remove the two screws from the bottom of the phone with a [T5 Torx Screwdriver](#).

Step 3



- Gently open the back case by prying along the edge of the cover, starting at a corner of the phone and circling around the phone using a [plastic opening tool](#).
- The opening process may take a few minutes. The plastic will make a light snapping noise as the back cover separates from the rest of the phone.

Step 4 — Battery



- Remove the two 1.8 mm Phillips screws holding down the battery connector.
- Using a plastic opening tool, disconnect the battery cable from its socket on the motherboard.

Step 5 — Battery removal

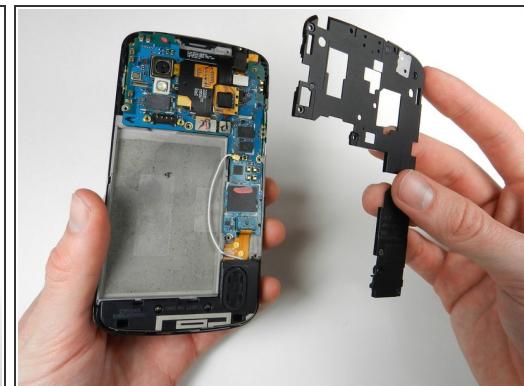
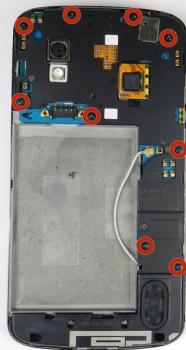


- Remove the blue tape that secures the white antenna cable to the battery.
- Using a spudger, carefully disconnect the white antenna cable.
- Carefully pry the battery out with a [Plastic Opening Tool](#), starting at the top left-hand corner and working down towards the bottom right-hand corner.

(i) If necessary, you can also use a [plastic card](#) to separate the battery from the metal midframe.

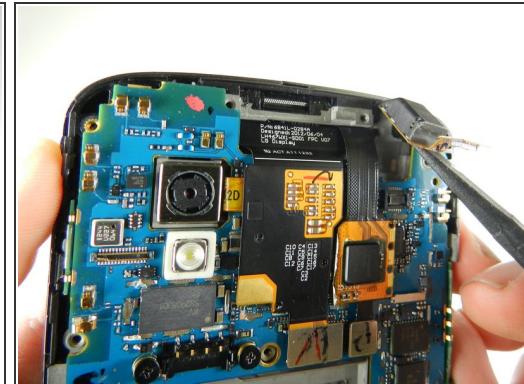
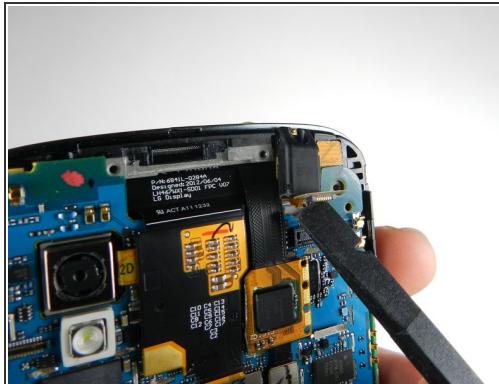
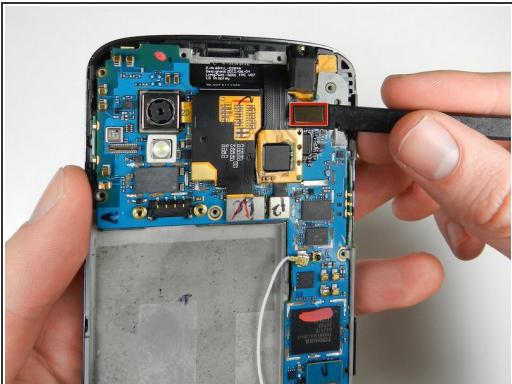
★ The battery is securely glued to the phone. When reinstalling the battery, press the battery firmly against the adhesive strip.

Step 6 — Plastic Midframe



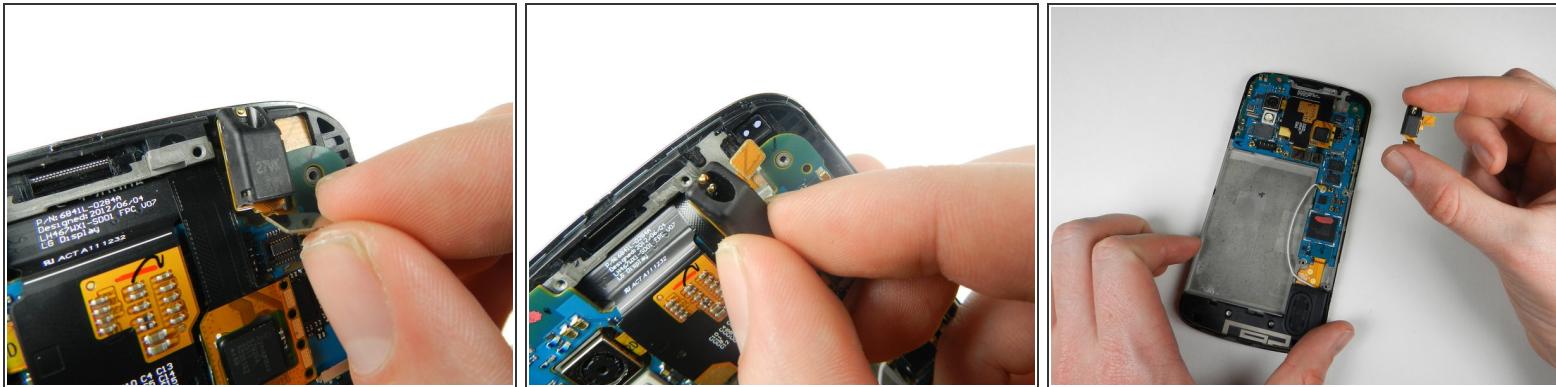
- Remove the nine 4.6 mm Phillips #000 screws. Gently lift out the plastic cover.
- The midframe is held in with two clips, one at either side. Use a plastic spudger to release each side and gently lift up and away.

Step 7 — Audio Jack



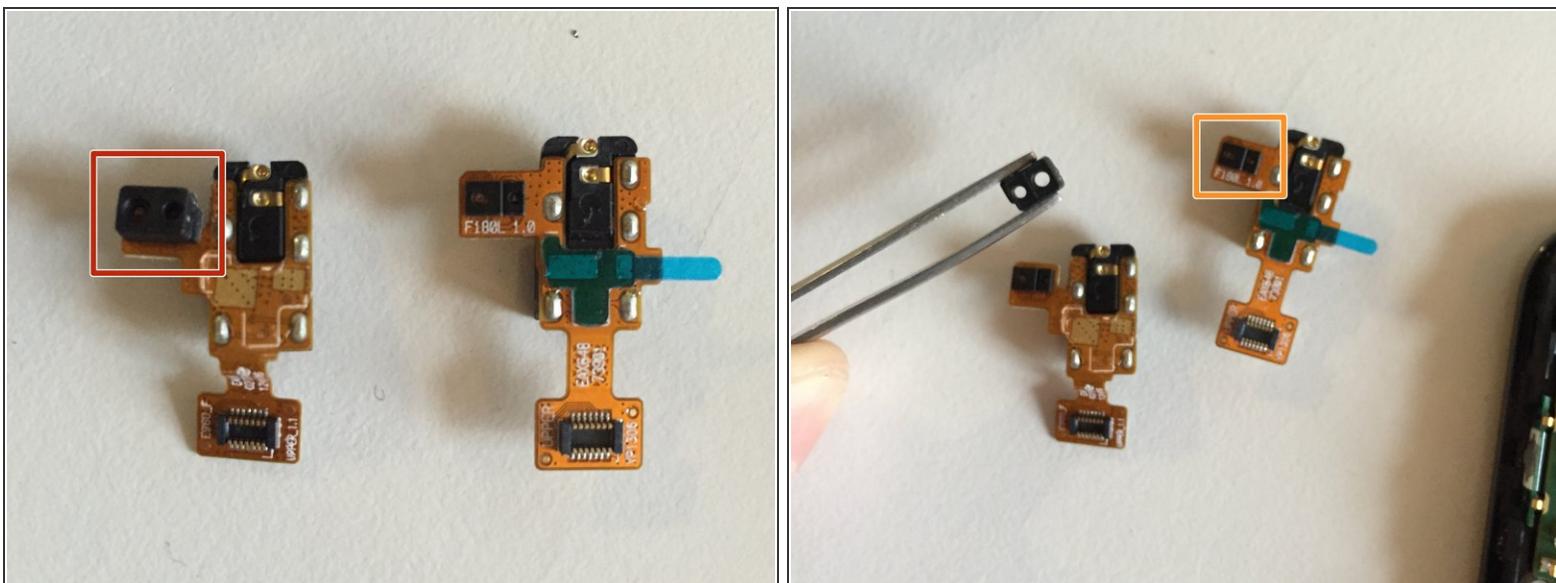
- Using a spudger, pop off the gray connector on the top right of the motherboard.

Step 8



- Gently lift the audio jack upwards and to the left to remove it from the motherboard.

Step 9



- The audio port will likely lift out together with the ambient light sensor rubber cap.
- Remove the cap from the old part and move it to the new one. Ensure the cap stays in place when installing the new audio port into the phone.

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