



Nexus 4 Plastic Midframe Replacement

This guide outlines how to remove the plastic midframe that lies on top of the motherboard.

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INTRODUCTION

This guide shows how to remove the motherboard's plastic midframe from the inside of the phone to better access the phone's internal features.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)



PARTS:

- [Nexus 4 Midframe](#) (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



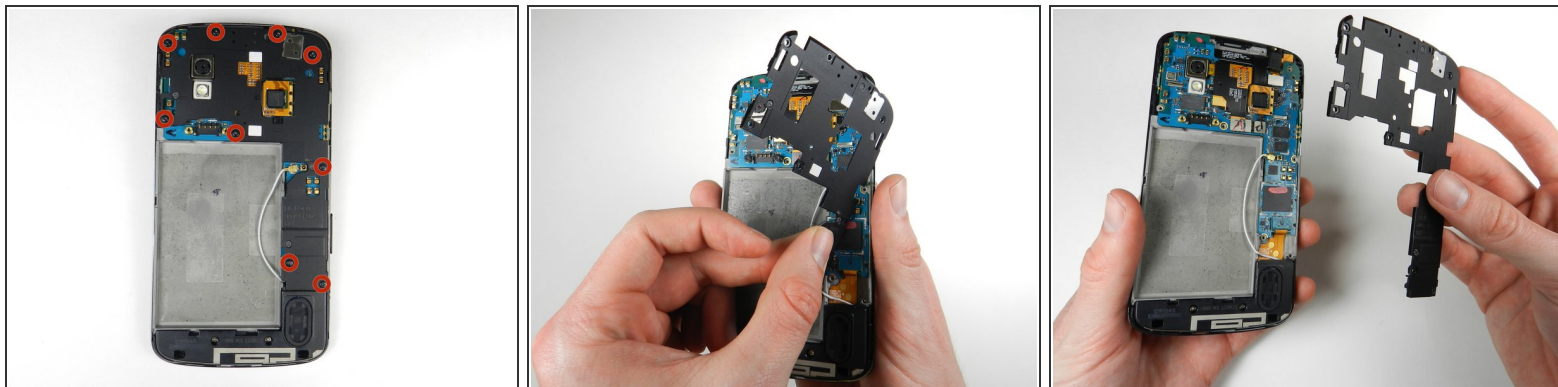
- Remove the two 1.8 mm Phillips screws holding down the battery connector.
- Using a plastic opening tool, disconnect the battery cable from its socket on the motherboard.

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.
 - ⓘ 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.

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