



Nexus 5 NFC Board Replacement

Replace the NFC board in your Nexus 5.

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INTRODUCTION

Use this guide to replace the NFC board in your Nexus 5.

TOOLS:

- iFixit Opening Picks set of 6 (1)
- Spudger (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:

- Nexus 5 NFC Board (1)

Step 1 — Back Cover



- Use a plastic opening tool to free the clips on the top and each side of the back cover.
- ⓘ The bottom is secured with some adhesive foam. You should be able to finally free the back cover using an opening pick. The "snaps" at the bottom edge are more like hinges, so release all others then swing the back cover off outward from the top, and these fasteners will release without breaking.
- ⚠ It's best to avoid prying around the SIM card slot and volume controls, as the plastic in these areas is very thin and likely to break from prying.
- ★ When you *replace* the cover, there is a snap about even with the flash window that must also be attached (one of three that secure the back cover to the midframe). Qi (wireless) charging may not work if this isn't secure. Apply gentle but firm pressure over the "S" in "Nexus" and slide your thumb up towards the top, and the snap will engage.

Step 2 — Midframe

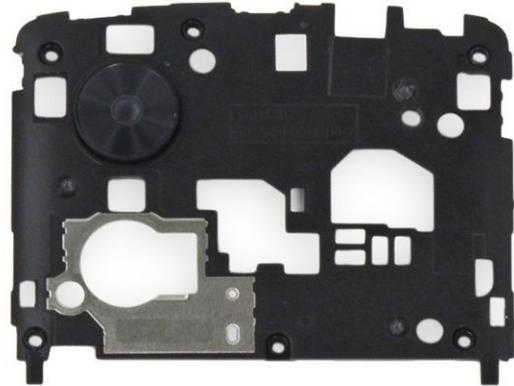


- Remove the six 4.0 mm Phillips #00 screws that secure the midframe to the phone.

⚠ Ensure you retain all six of the 4.0mm screws! These hold the midframe securely and closely to the motherboard. The three small snaps on the back cover that attach to the midframe ensure the NFC antenna and wireless charging coil connectors contact securely with the motherboard, and work reliably.

- To replace the LCD screen and digitizer, remove the additional four 4.0mm daughterboard cover screws with the same screwdriver. You may have to pierce through clear adhesive material to remove them.

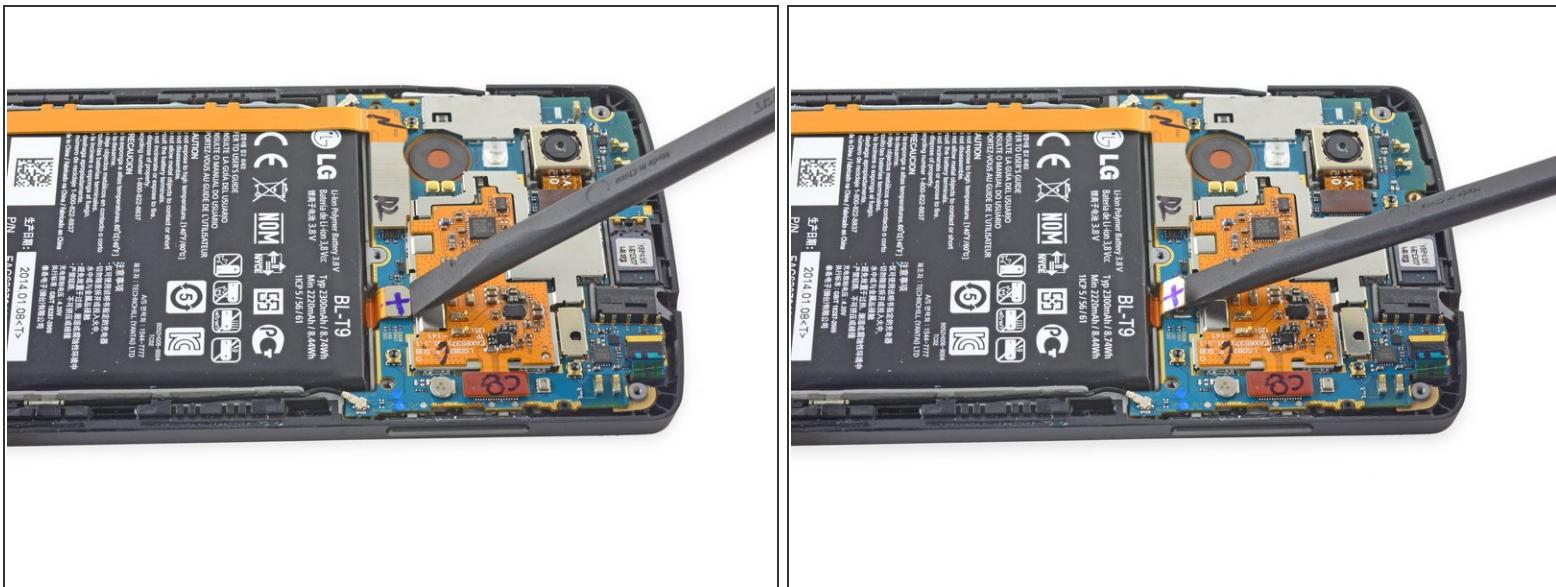
Step 3



- Remove the midframe from the phone.

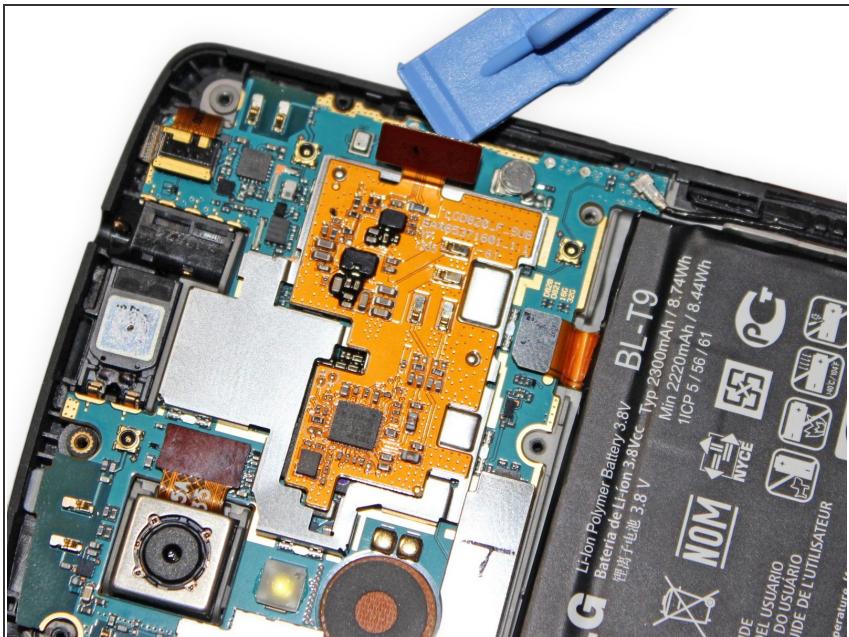
(i) Examine the midframe and the back cover and you'll find three very small snap attachment points for the back to the midframe. These ensure that the NFC and wireless charging antenna contacts connect with the corresponding spring connectors on the motherboard. Ensure the snaps are in good condition.

Step 4 — Battery



- Use the flat end of a spudger to disconnect the battery connector.

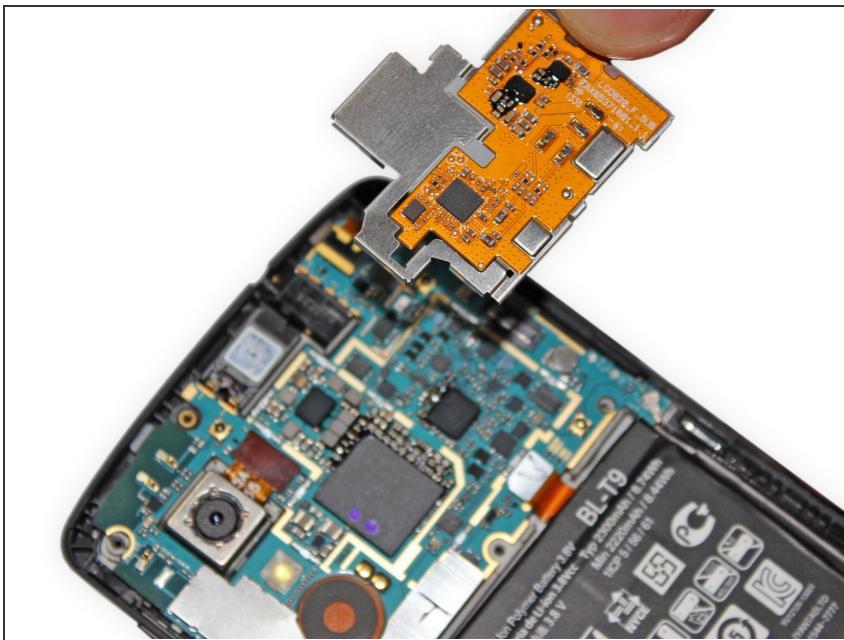
Step 5 — NFC Board



- Use a plastic opening tool to disconnect the NFC board ribbon cable.

ⓘ Although the battery is not disconnected in the photos of this step and the next, it's a good idea to disconnect it to prevent any possible damage to the motherboard and NFC board.

Step 6



- Gently lift the NFC board up and away from the device.

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