



Nexus 7 2nd Generation Battery Replacement

Use this guide to replace the battery in your...

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INTRODUCTION

Use this guide to replace the battery in your Nexus 7.

TOOLS:

- [iFixit Opening Tool](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Back Cover



- Power down your device.
- Use your plastic opening tool to wedge between the seams around the sides of the device. Pry open each side, one at a time. For some a finger nail may be best. The case comes up quite high to the glass.

⚠ Do not pry near the USB port at the base of the device as you may crack the rear panel.

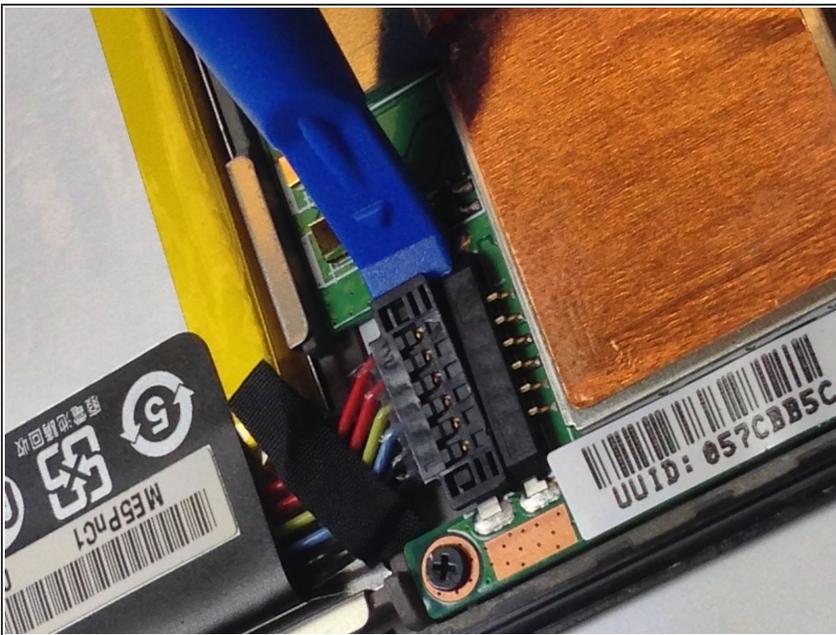
Step 2



- Work fingers around the seam between device and back cover. Use your plastic opening tool and fingers to separate each side until device and back cover are completely apart.

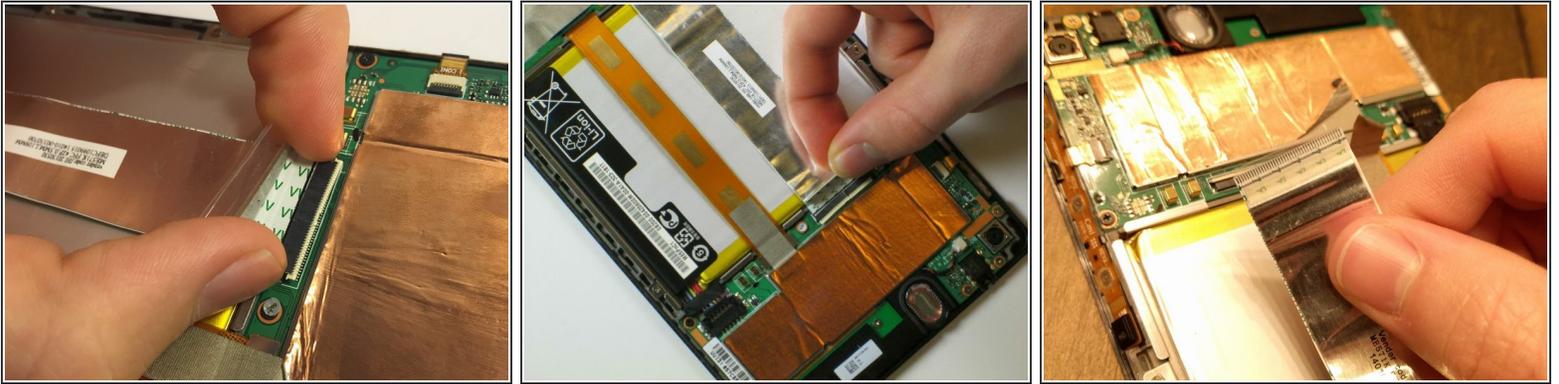
⚠ Be careful around the corners. The body of the device can be fragile.

Step 3 — Battery



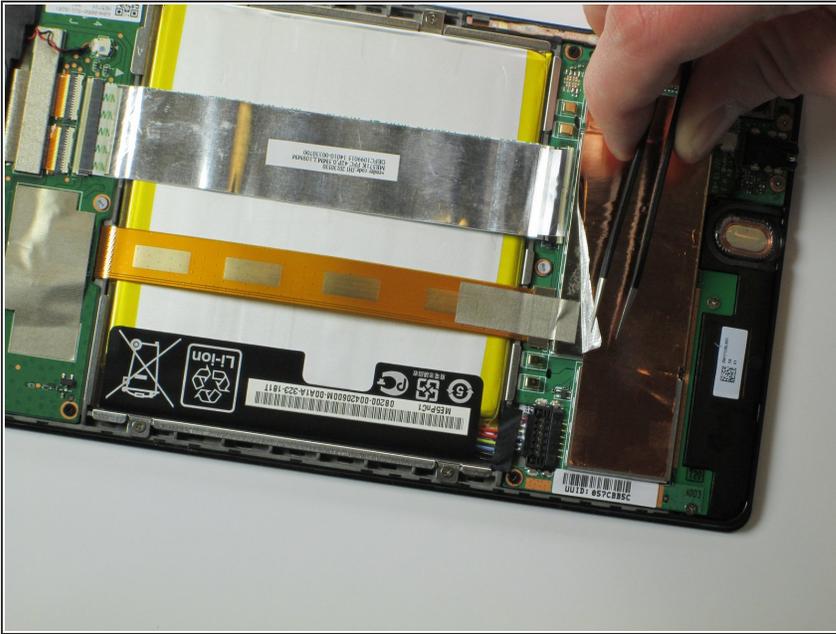
- Insert the plastic opening tool under the side edge of the battery connector, and gently pry upward to disconnect it.

Step 4



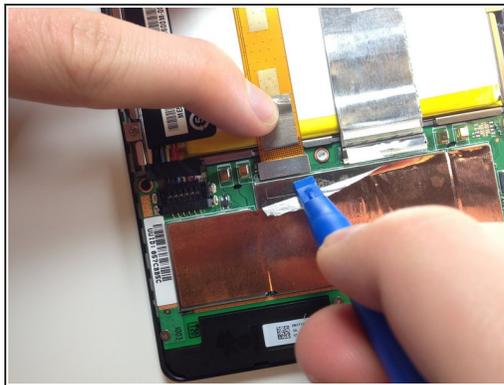
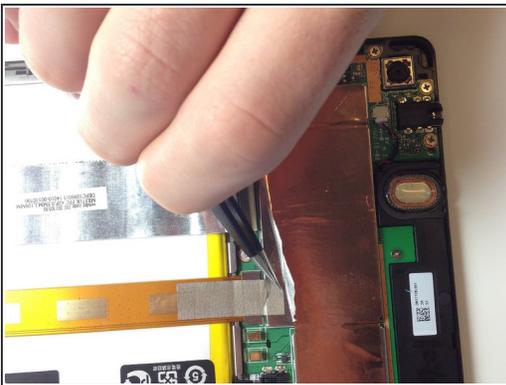
- Use the flat end of a spudger or your fingernail to flip up the clear protective flap on the ribbon cable ZIF socket.
- Using the flat end of a spudger or your fingernail, flip up the thin portion of the connector (**the white part**, opposite of the side where the cable inserts) to release the cable from its socket.
 - ⚠ **DO NOT PRY** the socket on the side where the cable inserts, or you may break the entire socket off the motherboard.
- Slide the cable out of the ZIF socket.
- ⓘ For more info on how to disconnect ZIF connectors, check out the [Recognizing & Disconnecting Cable Connectors guide](#).

Step 5



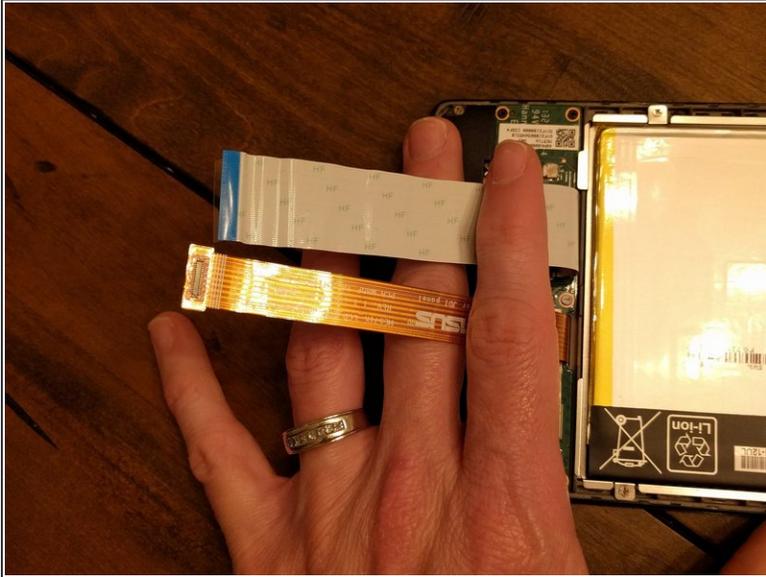
- Peel protective foil cover back top of mother board to expose orange ribbon connection.
- ⓘ The ribbon connections should now be fully visible, with the plastic tabs exposed.

Step 6



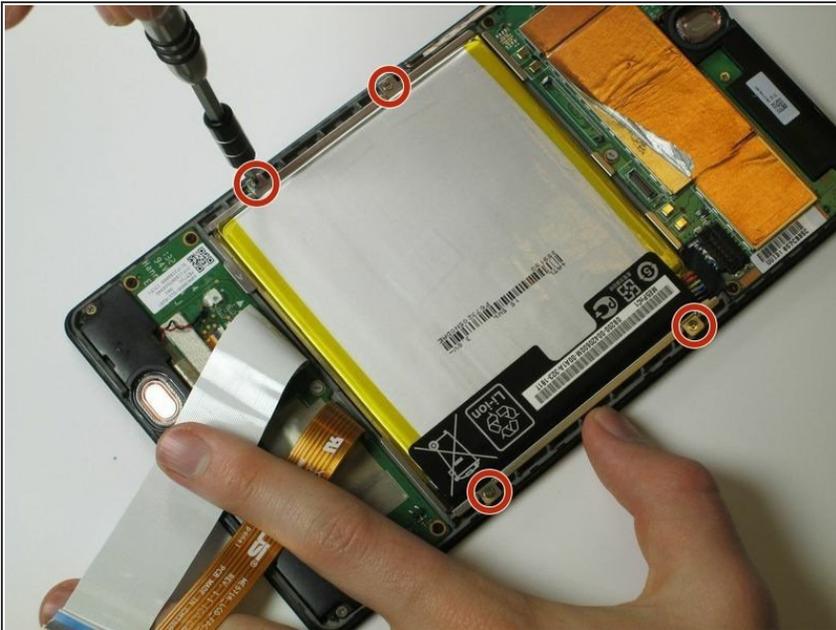
- Using the tweezers, peel back the silver protective foil on top of the orange ribbon connector.
- Using the plastic opening tool, pry upward under the orange ribbon connector. It will pop right out of place.

Step 7



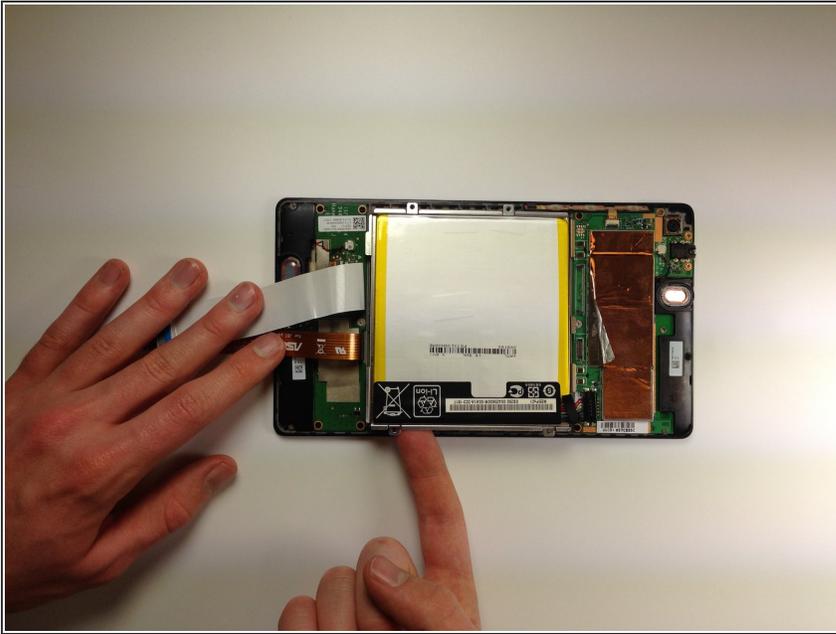
- Now that the two main ribbons are disconnected, fold and hold them back with your fingers, or place the tweezers or a light object on the ribbons to keep them in place.

Step 8



- Use the #0 Phillips Screwdriver to remove the four silver 3 mm Philips #0 screws from around the battery housing.

Step 9



- Remove the battery from your device by applying pressure at the base of the battery and lifting it out.

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