



Nexus 6P Charging Board Replacement

Replace the charging board in your Nexus 6P smartphone.

Written By: Dominik Schnabelrauch



INTRODUCTION

Use this guide to replace the charging board in your Nexus 6P smartphone. When reassembling your phone apply new adhesive where it is necessary.



TOOLS:

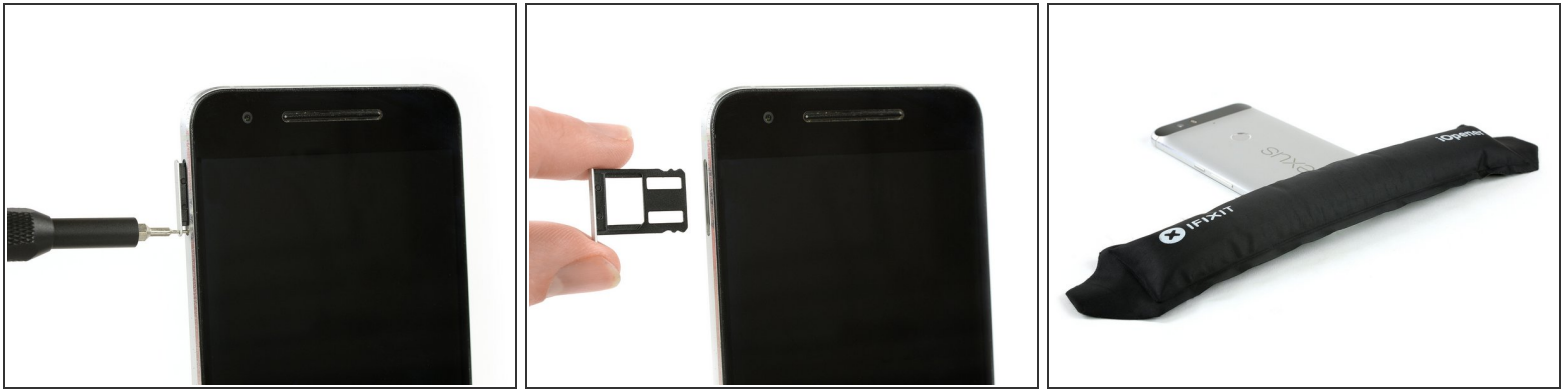
- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Plastic Cards](#) (1)
- [iOpener](#) (1)
- [Technician's Razor Set](#) (1)
- [Tweezers](#) (1)
- [iFixit Opening Picks set of 6](#) (1)




PARTS:

- [Nexus 6P Charging Assembly](#) (1)

Step 1 — Back Cover



 It is possible to remove the back cover with an iOpener as seen in this guide but it's a lengthy and difficult procedure. We recommend a heat gun or something similar. The adhesive in the Nexus 6P is extremely sticky and especially the glass and plastic cover on the backside break or bend most of the time whilst doing this repair.

- Use a SIM card eject tool, to pop out and remove the SIM card tray.
- [Use an iOpener](#) to loosen the adhesive underneath the small plastic cover at the bottom of the phone.

Step 2



 The knife is really sharp. Take care, not to cut yourself or your phone.

- Insert a knife between the phone and the plastic cover. Pry up the plastic cover until you can insert an opening pick.
- Slide the opening pick underneath the plastic cover to cut the adhesive.

Step 3



- [Use an iOpener](#) to loosen the adhesive underneath the glass cover at the top of the phone.
- Insert a knife between the phone and the glass cover. Pry up the glass cover until you can insert an opening pick.

Step 4



 Glass may break. Wear protective glasses and protective gloves.

- Slide the opening pick underneath the glass cover and use it to cut the adhesive underneath.
- Pry off the glass cover.


Step 5



- Remove the six Phillips #00 screws.
- Use tweezers to remove any stickers covering the screw to allow better seating for the driver.

Step 6



- Insert a razor knife between the metal back cover and the front glass to create a gap. Insert an opening pick into the gap and slide it to the top right corner.
 The knife is really sharp, be careful, not to cut yourself or your phone.
- Insert a second opening pick and slide it to the top left corner.
- Slide the opening picks along the edges to separate the plastic clips, holding back cover and midframe together.
- Remove the rear cover.

Step 7 — Battery Disconnection



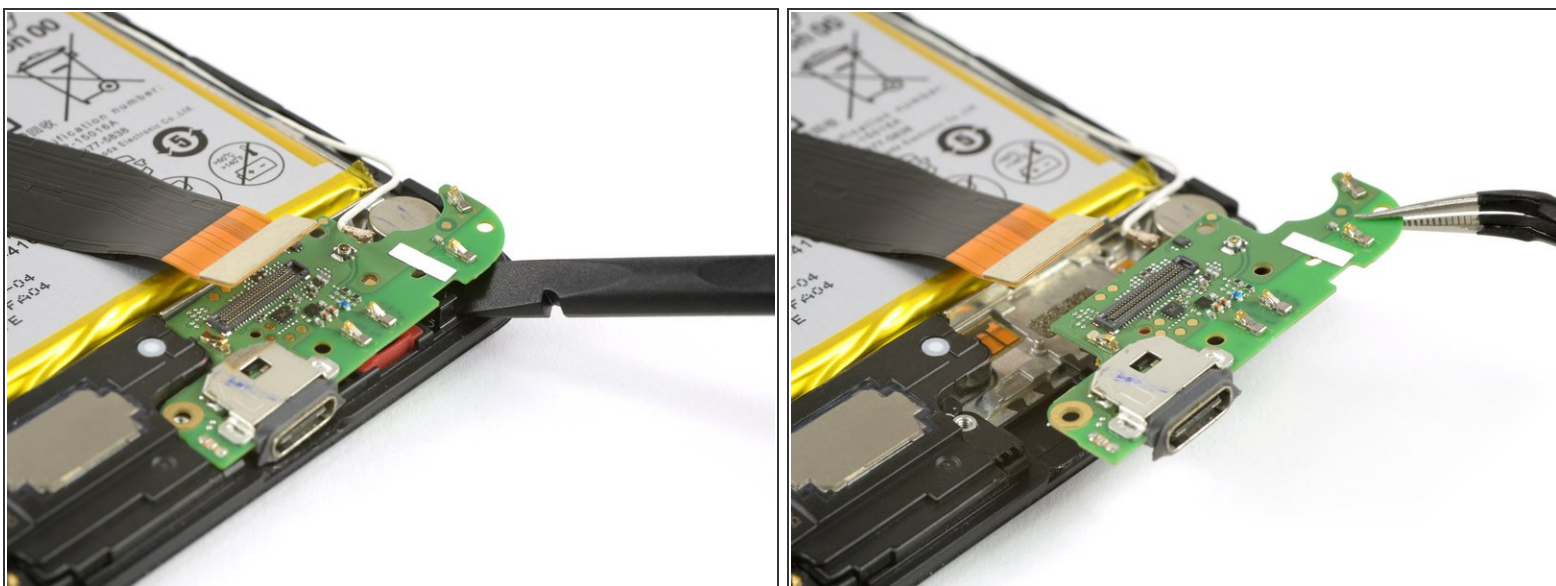
- Remove the Philips #000 screw.
- Use tweezers to remove the metal plate.
- Use the flat end of a spudger, to disconnect the battery flex cable.

Step 8 — Charging Board



- Disconnect the main flex cable with a spudger.
- Use tweezers to unplug the antenna cable.
- Remove the Phillips #000 screw.

Step 9



- Pry out the charging board with a spudger.
- Remove the charging board.

To reassemble your device, follow these instructions in reverse order. When reassembling your phone apply new adhesive where it is necessary.