



# Nexus 6 Display Assembly Replacement

This guide is to replace a broken screen on the...

Written By: Marina Moore



# INTRODUCTION

This guide is to replace a broken screen on the Nexus 6.

## TOOLS:

[T3 Torx Screwdriver](#) (1)  
[Tweezers](#) (1)  
[Spudger](#) (1)  
[SIM Card Eject Tool](#) (1)  
[iFixit Opening Picks \(Set of 6\)](#) (1)

## PARTS:

[Nexus 6 Screen](#) (1)  
[Nexus 6 Rear Panel](#) (1)  
[Nexus 6 Motherboard](#) (1)

## Step 1 — SIM Card



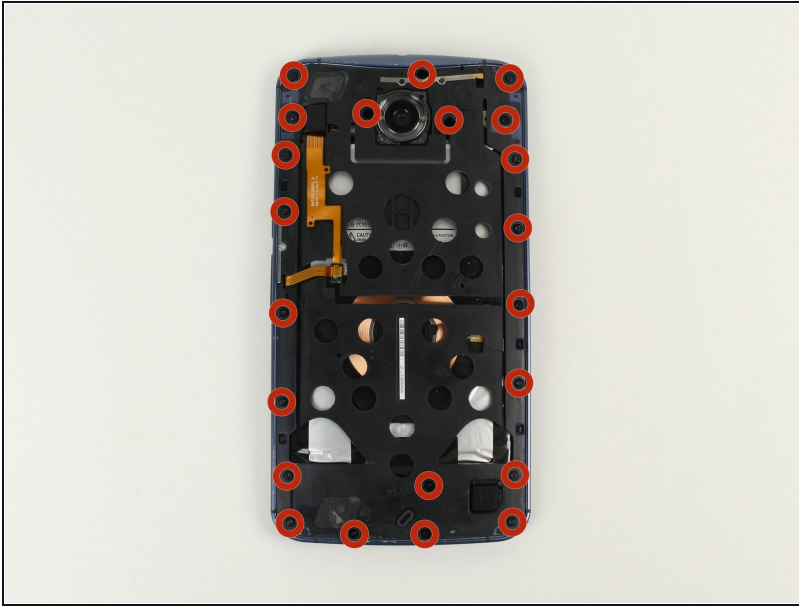
- With a SIM card eject tool (a paperclip will work as well), push down on the hole at the top of the phone until the SIM card holder releases. This should not take much pressure.
- Remove the SIM card and the SIM card holder.

## Step 2 — Rear Case



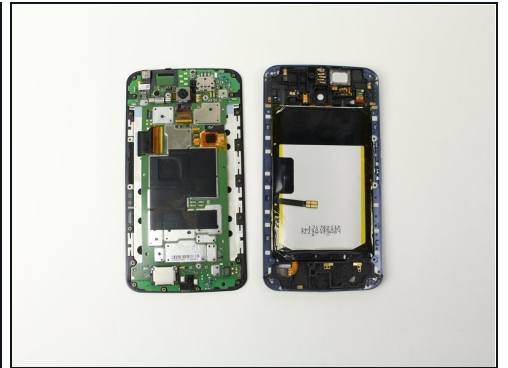
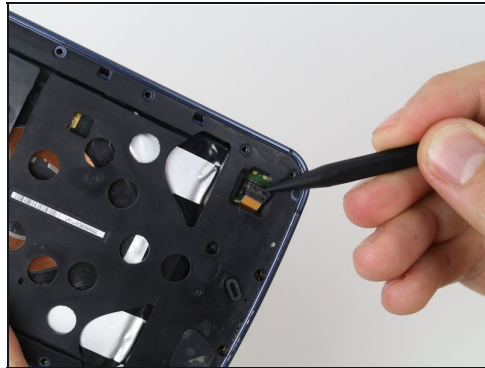
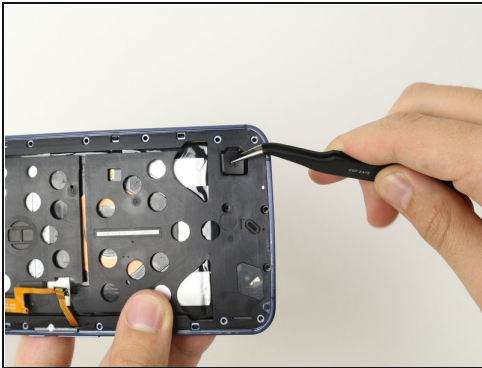
- Lay out a soft cloth on your workspace to prevent scratching the screen in this and future steps.
- Pry open the back casing using the soft plastic opening pick.
  - ⚠ Be careful of the Power & Volume Key ribbon on the left side just next to the volume key. The ribbon is exposed and could be damaged with the opening tool.
- Carefully pull the back casing apart from the rest of the phone with your hands. Because the casing is glued to the rest of the phone, this step may require some force. Don't be alarmed if the casing flexes a bit.
- ① You may need an [iOpener](#) to loosen up the adhesive. Check out the [iOpener Instructions](#) for info on how to use it.

### Step 3



- Remove the twenty-two 2.3 mm T3 Torx screws with the T3 Torx Screwdriver.

### Step 4



- With [tweezers](#), remove the rubber protector on the lower part of the phone.
- Disconnect the battery connector by gently prying it straight up with a spudger, on the side opposite the cable.
- Completely separate the battery side from the motherboard side by gently pulling the sides apart with your hands.

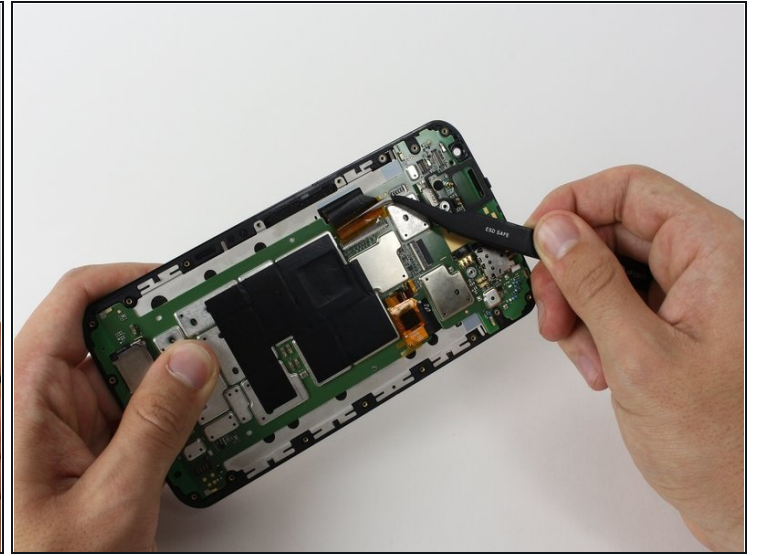
## Step 5 — Motherboard



- With a spudger, unlatch the ZIF connector for the smallest ribbon cable in the center. See instructions for detaching ZIF connectors [here](#)
- Use [tweezers](#) to release the ribbon cable.

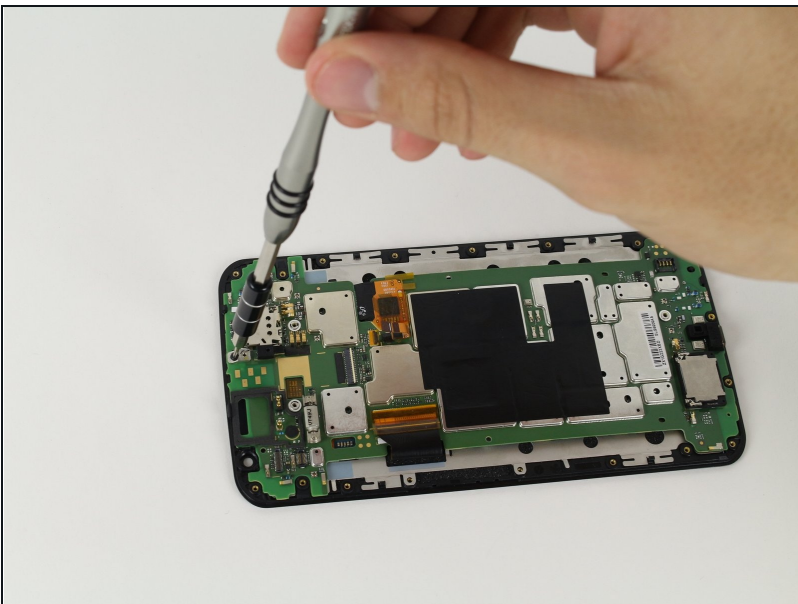


## Step 6



- With a spudger, unlatch the ZIF connector of the big ribbon cable on the side of the phone. See instructions for detaching ZIF connectors [here](#).
  - Use tweezers to release the ribbon cable completely.
- ⚠ This connector and the ribbon are attached with a piece of amber anti-static tape. Make sure to release the tape from the ribbon before to pull it out of the connector.

## Step 7



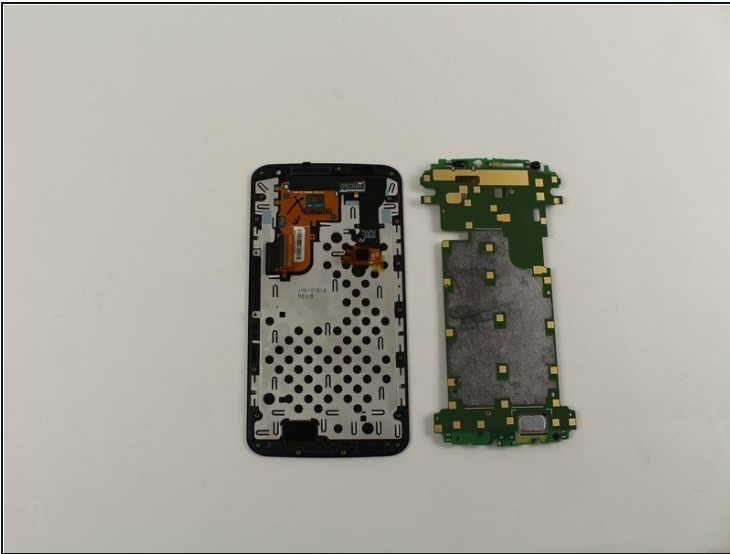
- Remove the 2.3 mm T3 Torx screw on the top of the phone.

## Step 8



- Peel the motherboard off of the screen with your hands.

## Step 9 — Display Assembly



- Remove the screen from the motherboard.

---

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