



Motorola Moto G5s Plus Fingerprint Sensor Replacement

Replacement guide for a broken fingerprint sensor for Motorola Moto G5s Plus.

Written By: Aria Amini



INTRODUCTION

This guide will teach you how to replace a faulty fingerprint sensor on your Motorola Moto G5s Plus.

TOOLS:

- [T5 Torx Screwdriver](#) (1)
- [Heat Gun](#) (1)
- [iFixit Opening Tools](#) (1)
- [Suction Handle](#) (1)

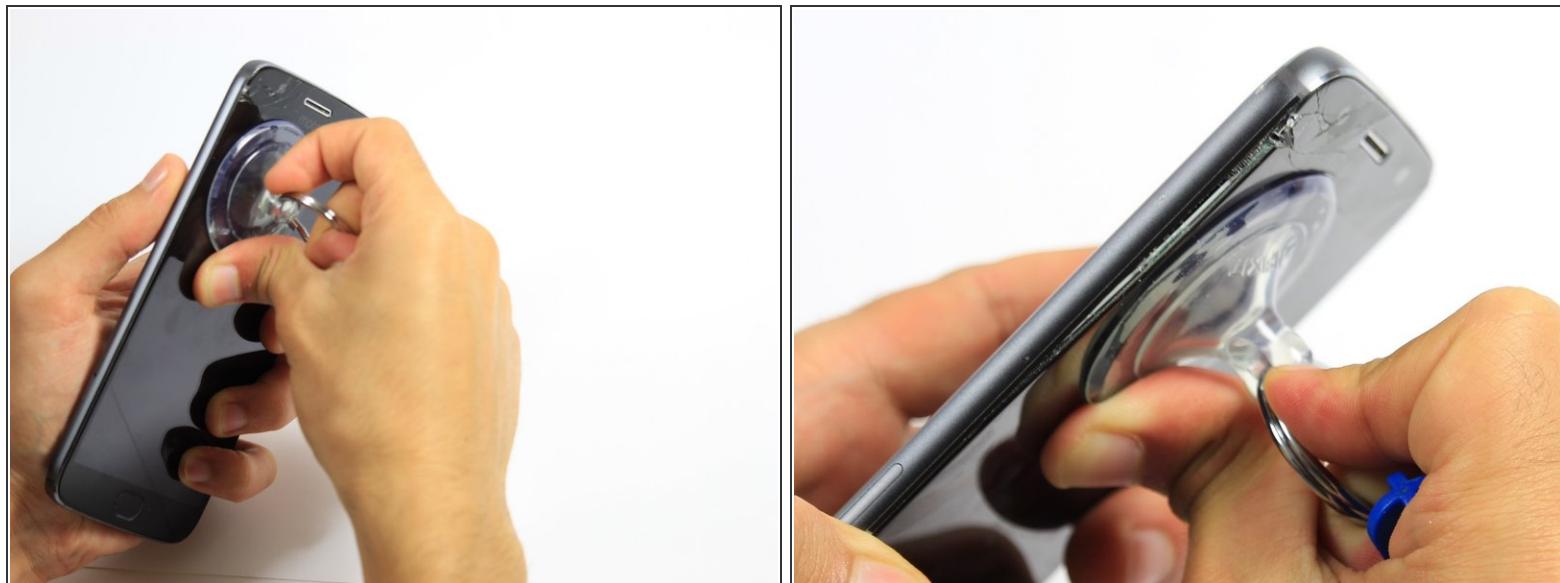
Step 1 — Display



(i) Power off the phone before you begin.

- Bring the heat gun one to two inches from the edges of the display to melt the display adhesive.
- Spend equal amounts of time applying heat around the entire edge of the phone.

Step 2



- Attach the suction cup to the display slightly to the left of center.
- Exert a moderate force to pull on the suction cup. The display will come loose.

Step 3



- Insert the opening tool inside the loosened edge.
- Gradually work the opening tool around the edge of the entire screen to cut through the adhesive.

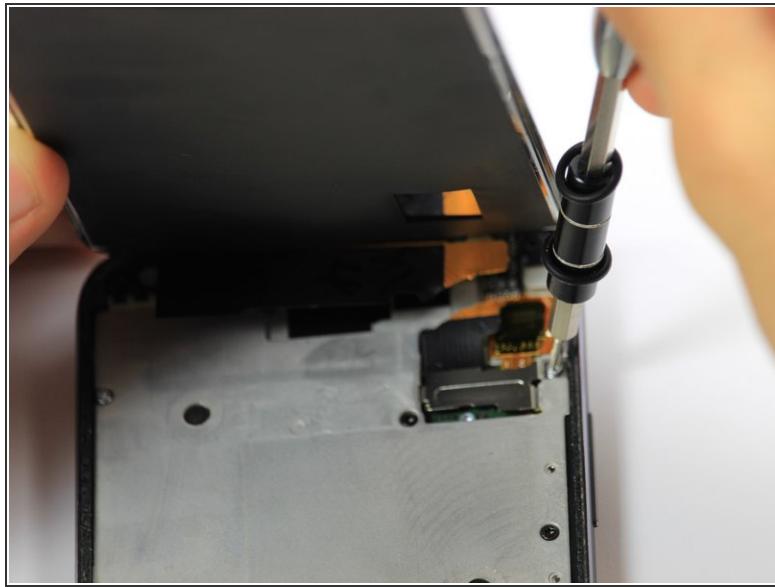
⚠ Do not wedge the opening tool too far beneath the screen. Using too much force can result in torn connector cables.

Step 4



- The display should now be entirely loose, attached only by the connectors at the top of the device and the fingerprint sensor connector at the bottom of the device.
- Press down on the fingerprint sensor with the display slightly raised to disconnect it from the display.
- If the fingerprint sensor does not come loose, use the heat gun to loosen its adhesive.

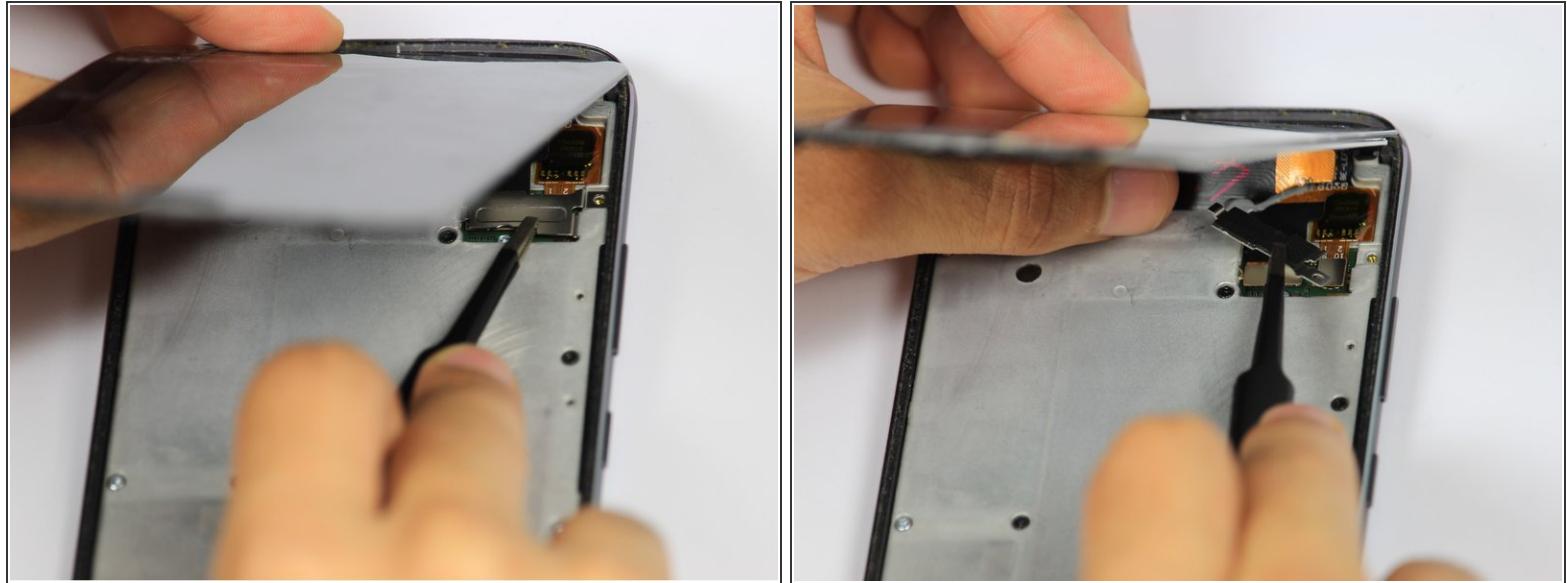
Step 5



⚠ The cables at the top of the device are fragile. If you are using this guide as a prerequisite for replacing another part, be careful not to tear the cables while lifting the screen.

- Remove the one 5mm Torx-5 screw located by the connector cables in the top right corner of the device.

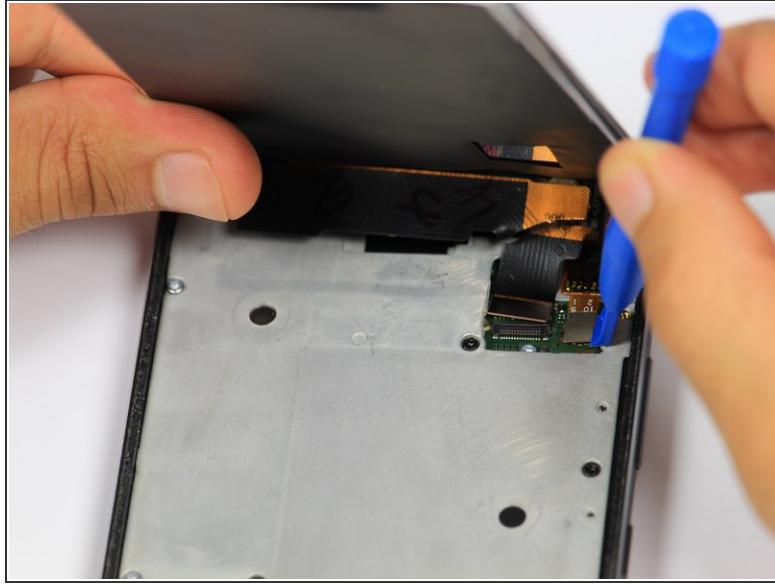
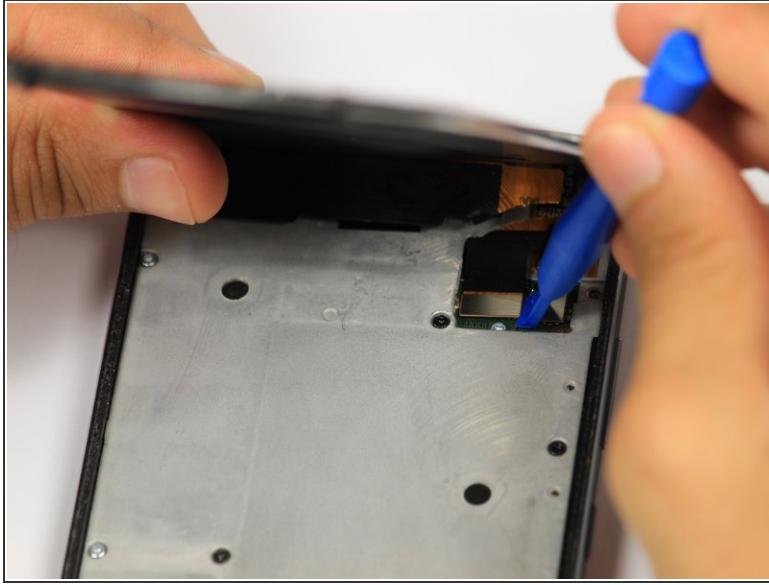
Step 6



- Grab the unscrewed metal plate with your blunt tweezers.
- Slide the metal plate to the left and then out to remove it.

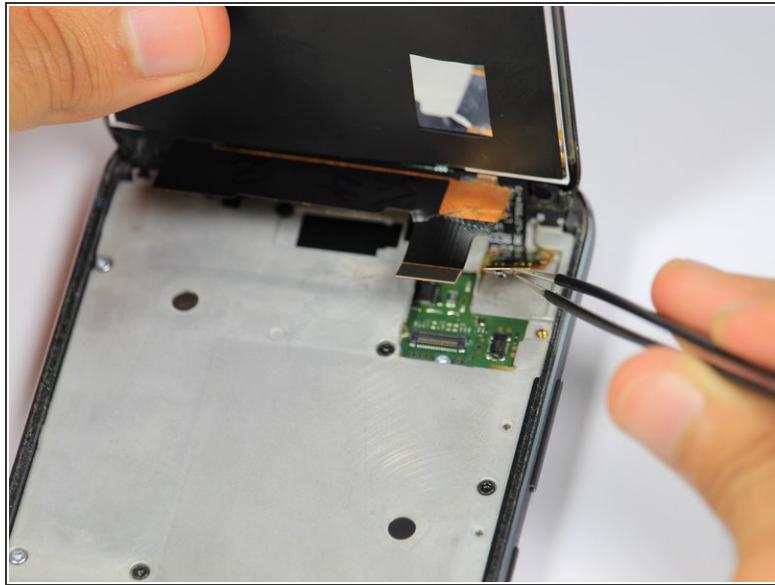
ⓘ Removing the plate will expose the display assembly's connection to the phone's motherboard.

Step 7



- Disengage the two cable connectors by gently prying beneath the edge of the connector with the opening tool.

Step 8



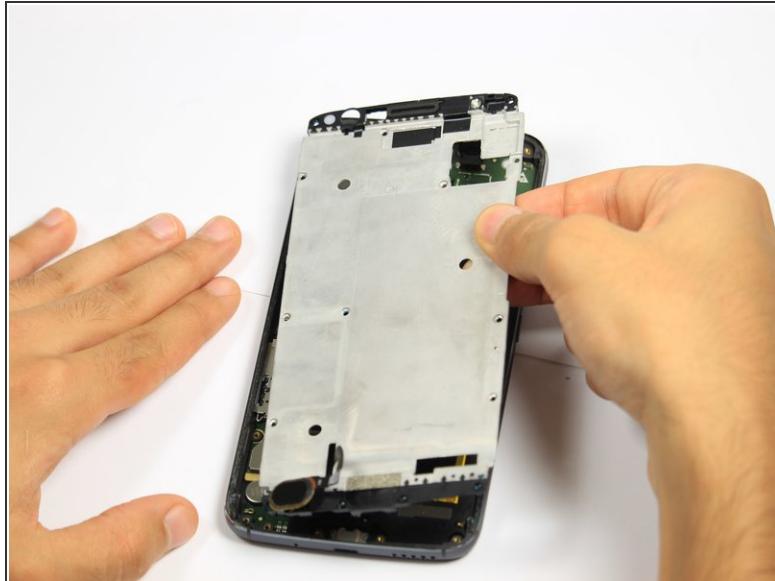
- Lift up the detached right connector from its housing using blunt tweezers.
- The housing has light adhesive underneath it. Use a small amount of force to remove the connector from the housing.

Step 9 — Fingerprint Sensor



- Remove the nine black 5mm Torx-5 screws.
- Remove the seven silver 5mm Torx-5 screws.

Step 10



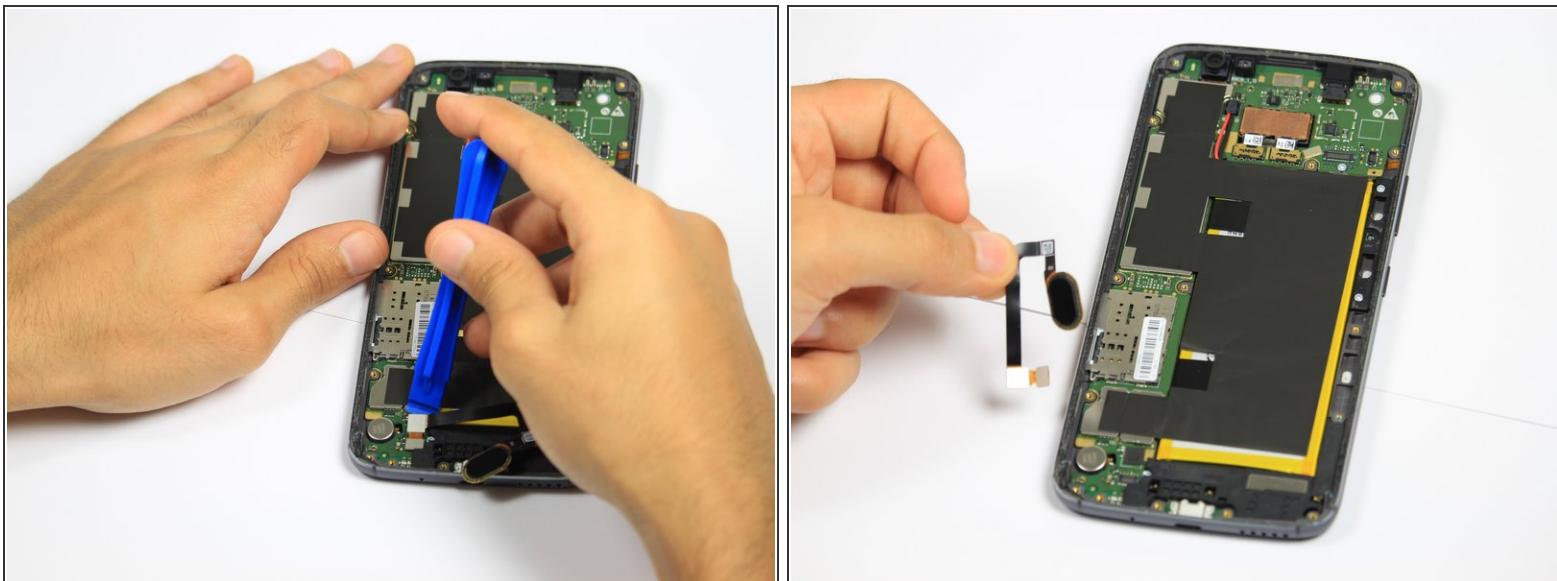
- Remove the metal cover by prying underneath it with the opening tool.

Step 11



- Grab ahold of the fingerprint sensor and push it through the opening in the metal cover.

Step 12



- Remove the fingerprint connector by gently prying underneath the connector with the opening tool.

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