



LG Optimus L9 P769 Display Screen Replacement

How to replace LG Optimus L9 screen and digitizer.

Written By: Ammar Rizal



INTRODUCTION

This guide will guide you step-by-step on how to replace the screen on the LG Optimus L9 smartphone. This requires the knowledge of removing the motherboard. Make sure to work in a static-free environment to avoid damaging the components. Make sure to be extra careful with removing the connections as this may lead to permanently damaging them.

TOOLS:

- [Phillips #000 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Anti-Static Wrist Strap](#) (1)
-

Step 1 — Motherboard



- Start by placing the device face down and remove the back cover.
- Remove the battery from the phone by lifting it using your finger or the prying tool

Step 2



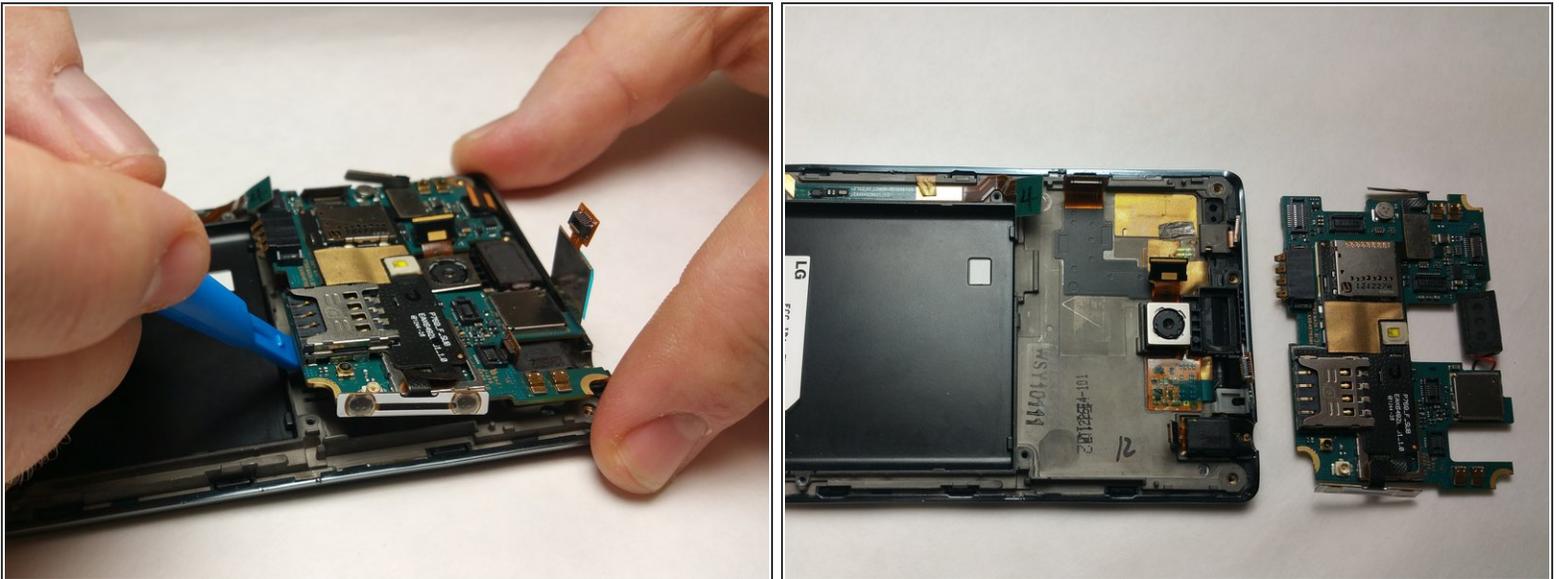
- Remove all 10 of the 4.5mm Phillips screws that holds the back frame to the case of the phone
 - Using a small plastic prying tool, carefully remove the back frame by prying on the sides of the device.
- ⚠ Do be careful when prying back frame and removing it as too much force may result in damaging the frame.

Step 3



- Using tweezers, pinch the sides of the antenna node and pull straight up.
- Using a small prying tool, carefully remove the ribbon cables attached to the motherboard.

Step 4



- Using a spudger or small prying tool, lift up the motherboard from the chassis of the device.

Step 5 — Display Screen



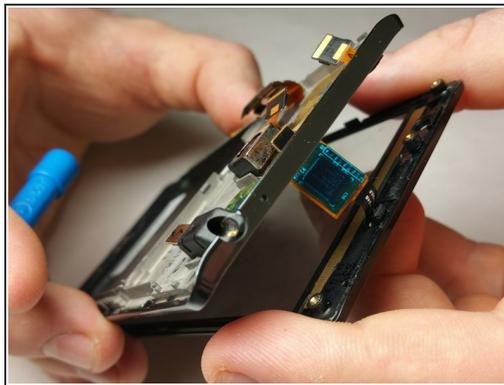
- Using a spudger or small prying tool, pry off the latches that connects the digitizer to the chassis carefully.
- ⚠ Do not force open as the latches attaching the digitizer to the chassis as they are easily damaged.

Step 6



- Once the digitizer has been removed, turn the phone face down and remove the plastic housing for the front speaker. It should come off easily.

Step 7



- Slide off the connector through the hole of the chassis slowly to avoid damaging it.

Step 8



- Remove the primary or rear camera using a small opening tool to remove the adhesive and lift the camera up using a pair of tweezers.
- Using the same small opening tool, remove the connector that is taped to the chassis of the phone.
- ⚠ Make sure that every bit of the connector is no longer sticking to the chassis of the phone.
- ⓘ Similar to the digitizer, the connector should be able to slide through the hole of the chassis, completely detaching the LCD screen from the phone.

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