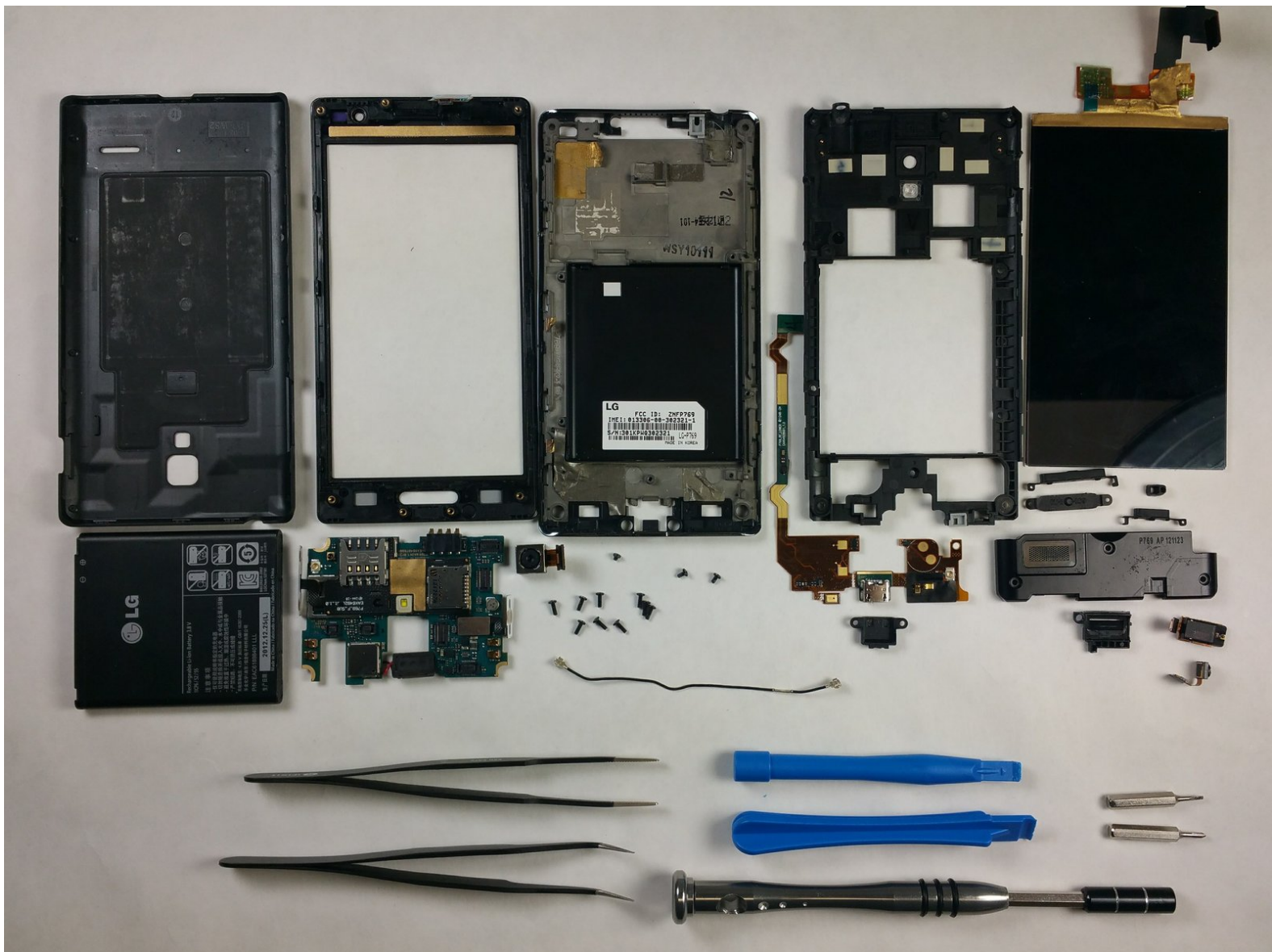




LG Optimus L9 P769 Teardown

This is a teardown of the LG Optimus L9 P769

Written By: Kayden G



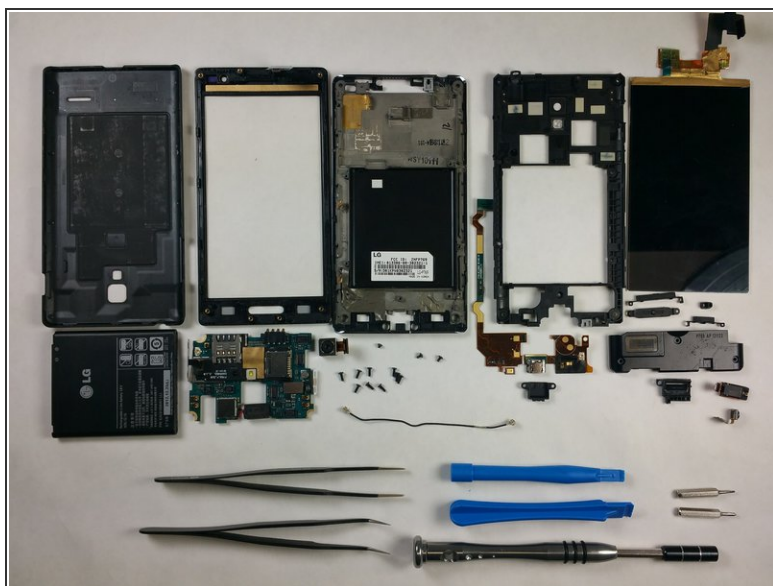
INTRODUCTION

This guide will demonstrate how to fully disassemble the LG Optimus L9 P769

TOOLS:

- [Anti-Static Wrist Strap](#) (1)
 - [Phillips PH000 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — LG Optimus L9 P769 Teardown



- Here's what LG's L9 P769 holds hardware-wise:
- Dual-core 1.0 GHz CPU
- 4.5 inch IPS LCD with a resolution of 540 x 960 pixels
- 4 GB of internal storage
- 5MP Primary camera and VGA front facing camera
- Wi-Fi 802.11 a/b/g/n, dual-band, Wi-Fi Direct, hotspot, DLNA

Step 2



- Power off the device and gently lift the battery cover off to access the battery

Step 3



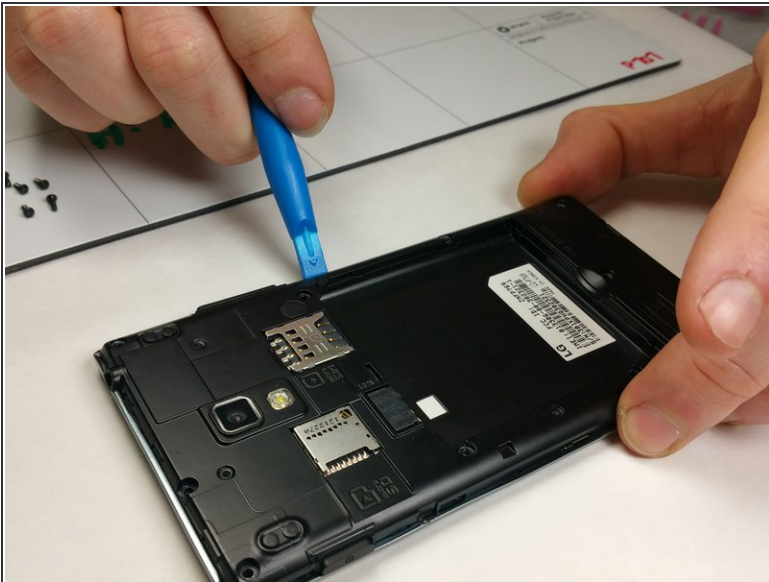
- Lift and remove the battery from the notch in the edge of the battery compartment

Step 4



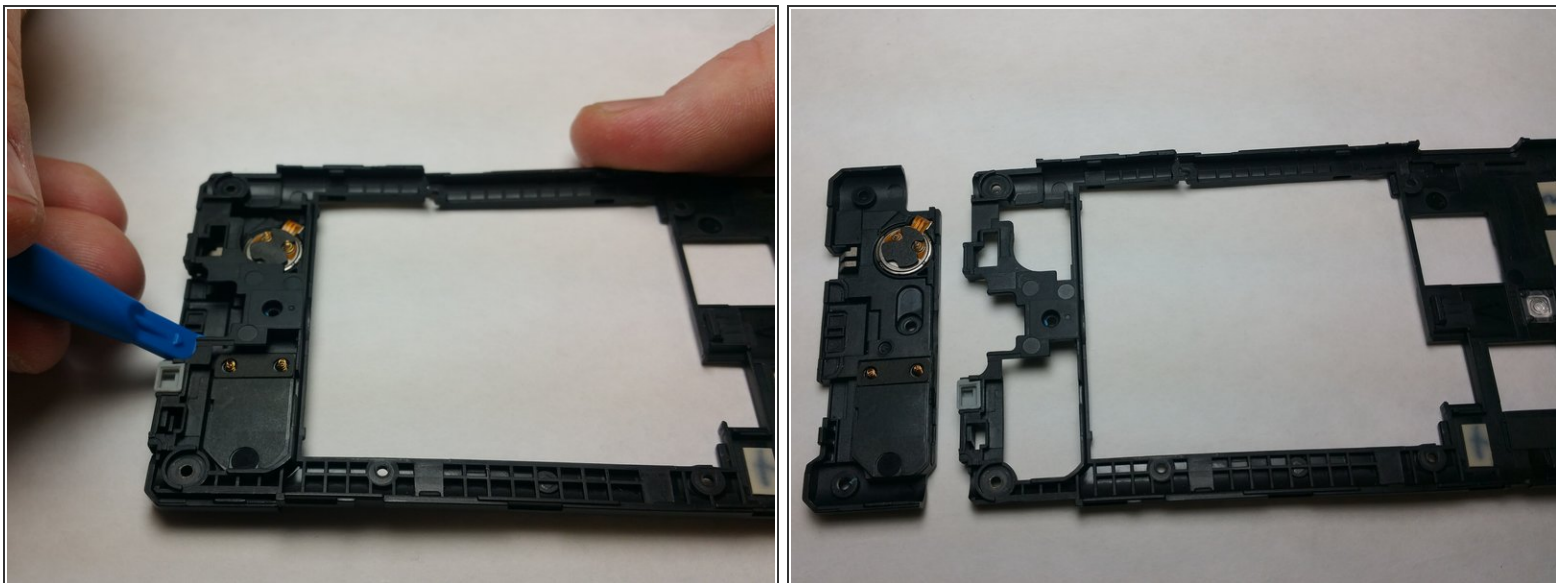
- Remove all 10 of the 4.5mm screws that hold the back frame to the case of the phone using the PH000 headtype

Step 5



- Using a small 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 6



- Carefully remove vibration and speaker module using the prying tool

Step 7



- Remove both connections of the antenna by pulling up with tweezers

Step 8



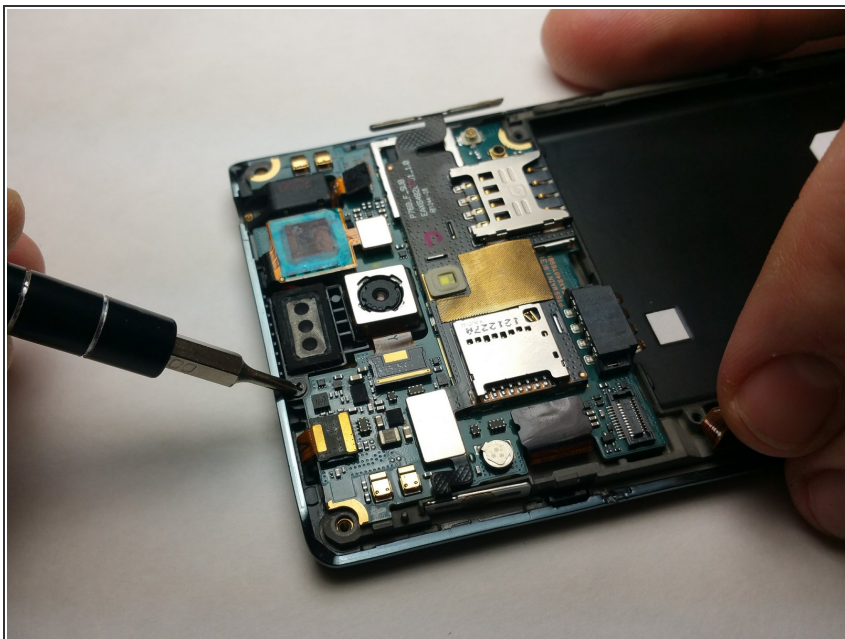
- Remove Micro-USB Cache by unscrewing both 2.9mm screws with the PH000 headtype

Step 9



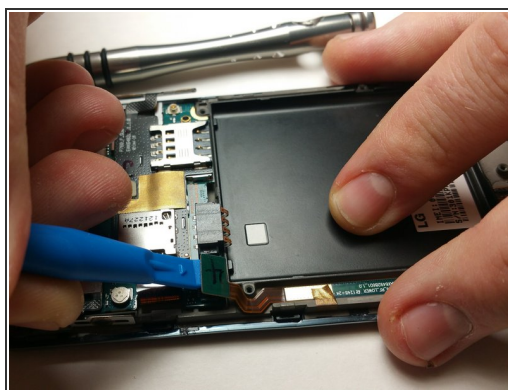
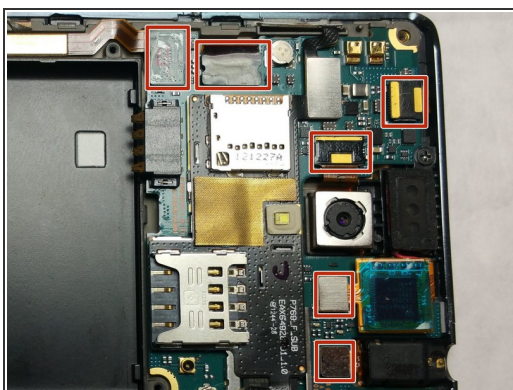
- Remove 1.8mm screw to free Micro-USB module for removal using the PH000 headtype

Step 10



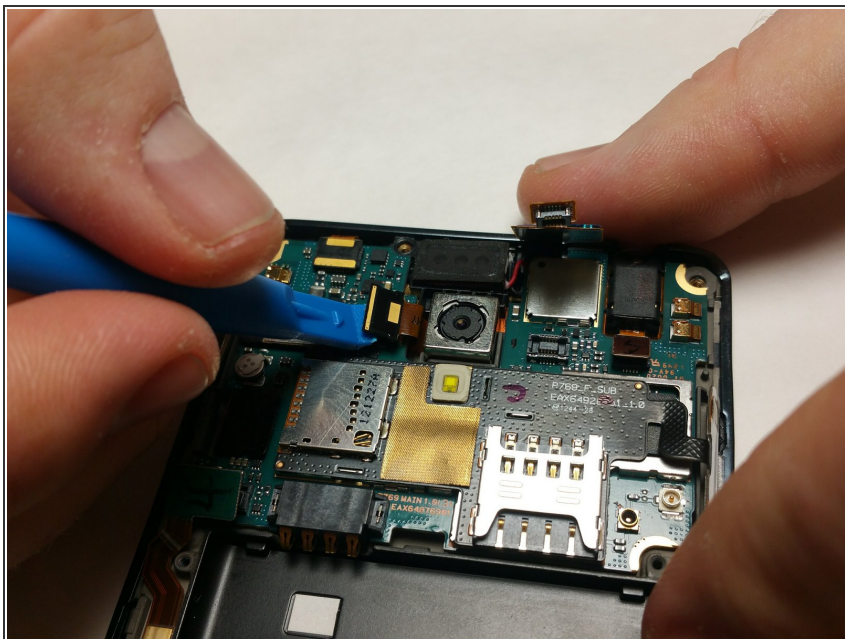
- Remove screw at top of phone to release speaker with PH000 screwdriver

Step 11



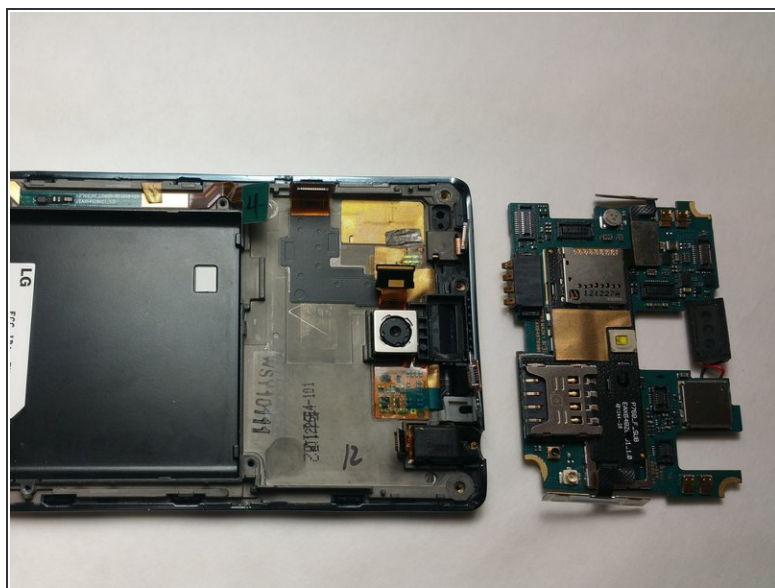
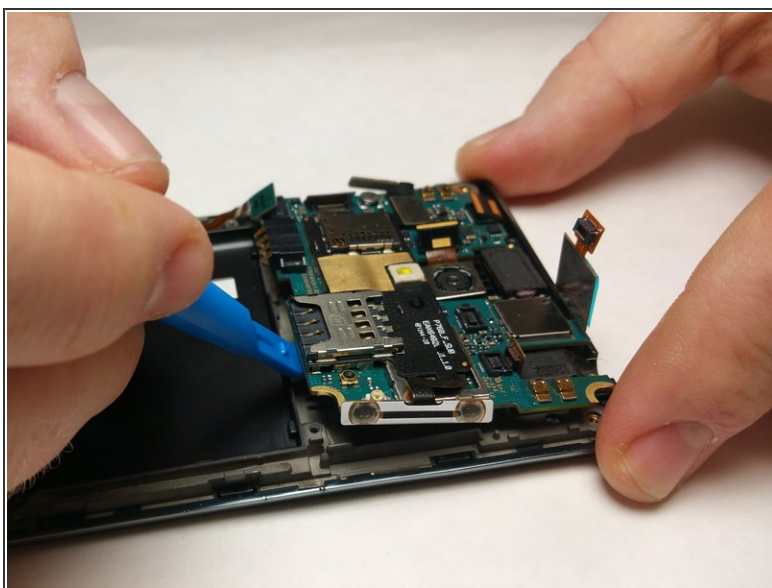
- Use a small prying tool to release all motherboard connections.

Step 12



- Remove rear facing camera by using the small prying tool

Step 13



- Gently lift the motherboard with small prying tool to remove and set aside

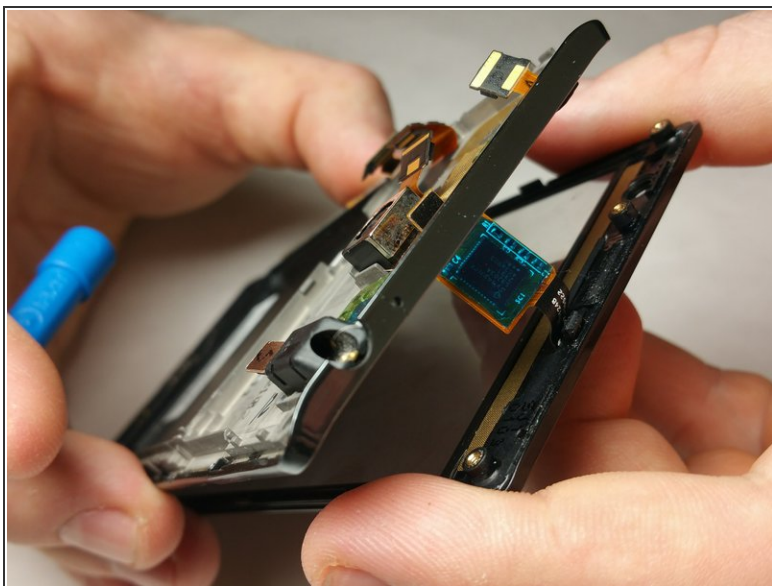
Step 14



- Using a spudger or small prying tool, pry off the latches that connects the digitizer to the chassis carefully.

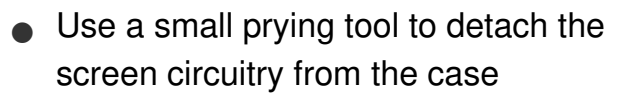
⚠ Do not force open as the latches attaching the digitizer to the chassis as they are easily damaged.

Step 15



- Carefully remove the digitizer from case by sliding out connected ribbon cable

Step 16

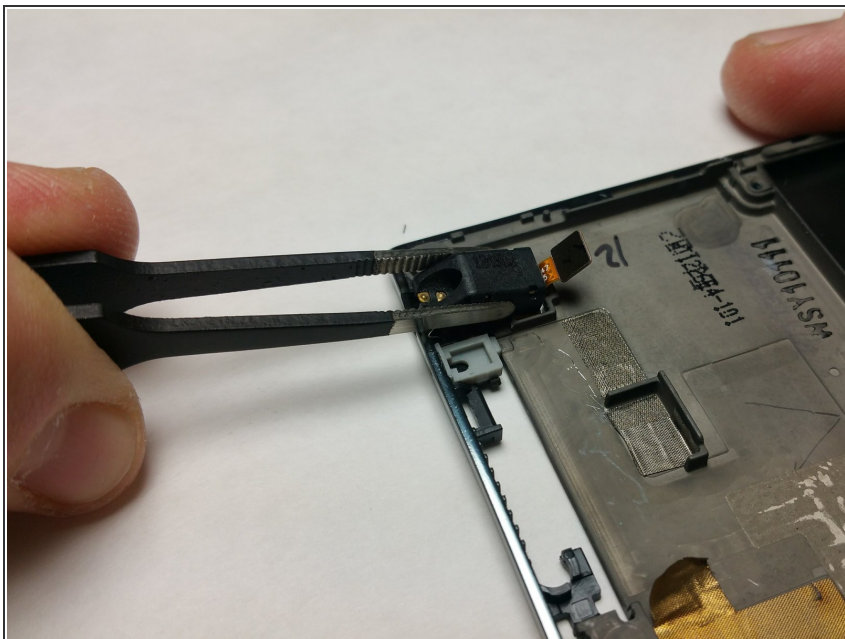


Step 17



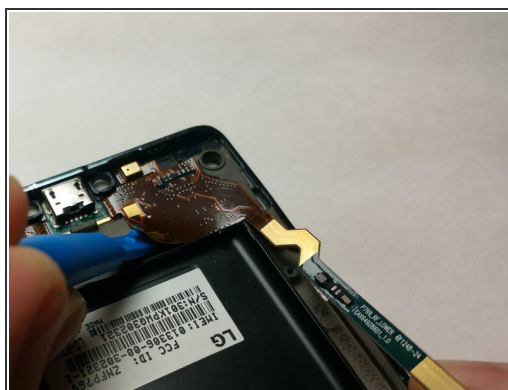
- Remove the remaining circuitry utilizing a smaller prying tool or a small flathead screwdriver
- Carefully slide out circuitry to remove phone display

Step 18



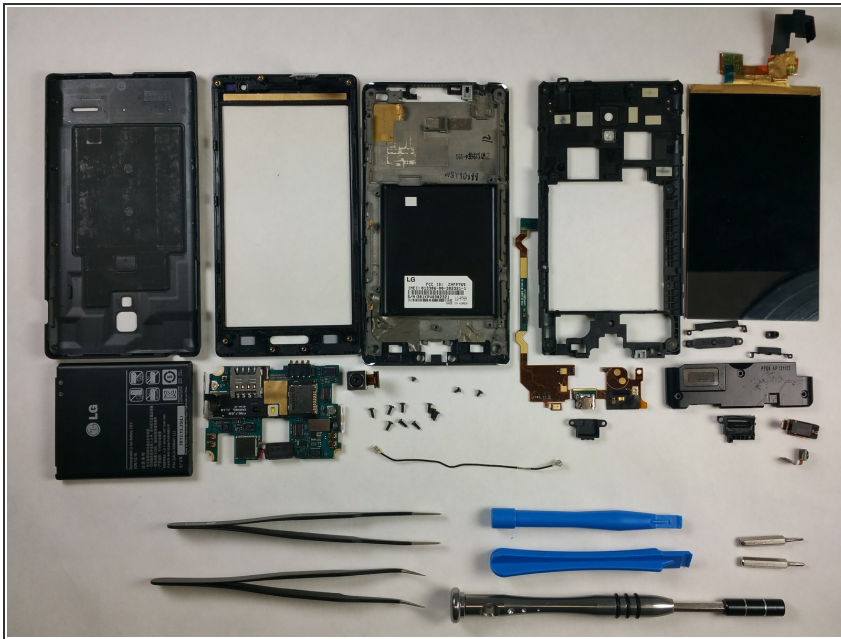
- Use tweezers to disconnect the 3.5mm headphone jack from the phone

Step 19



- Use a small prying tool to detach the Micro-USB circuitry from the case of the phone

Step 20



- Full tear-down and recommended tools for procedure