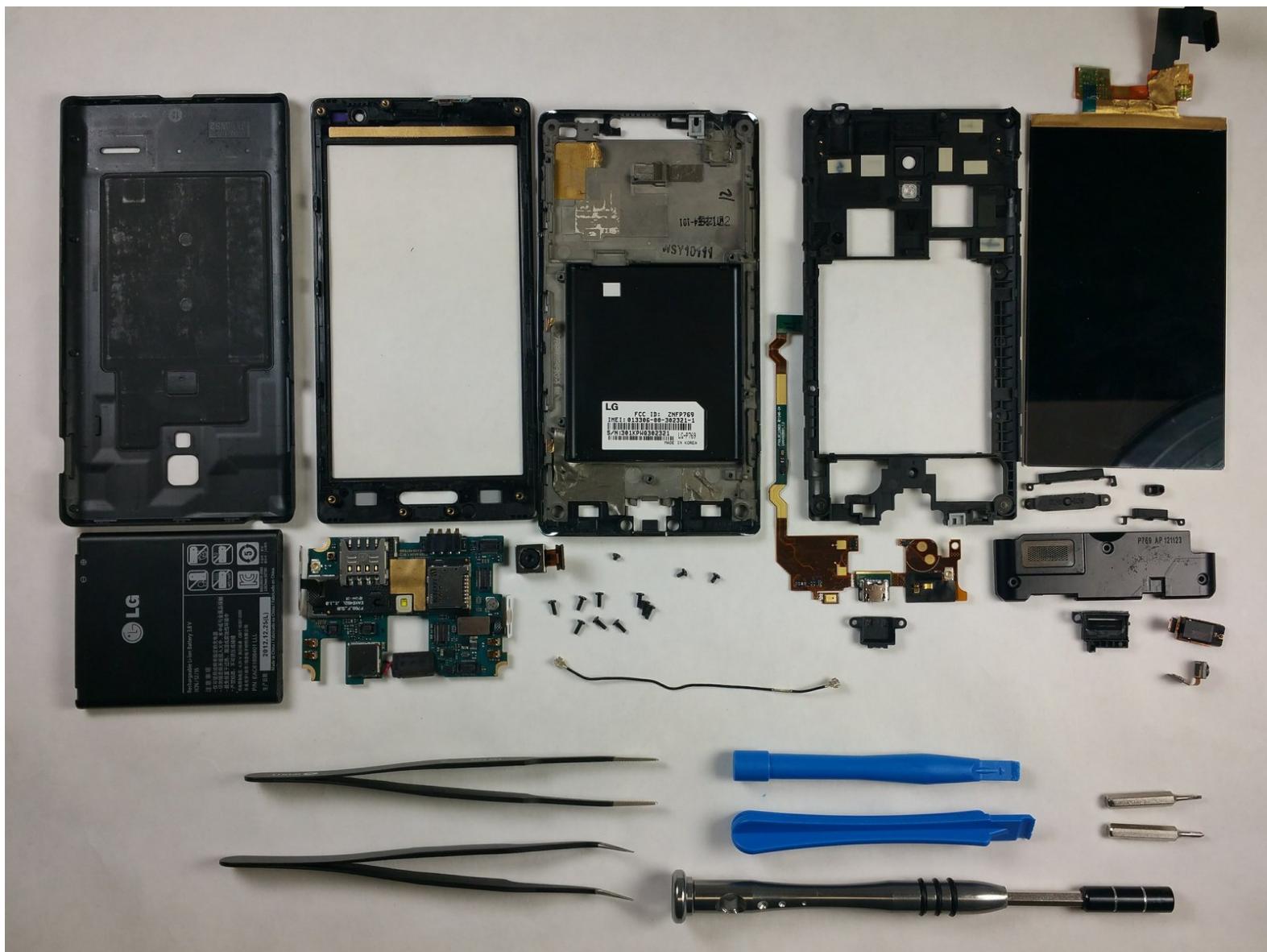




LG Optimus L9 P769 Teardown

This is a teardown of the LG Optimus L9 P769

Written By: Kayden G



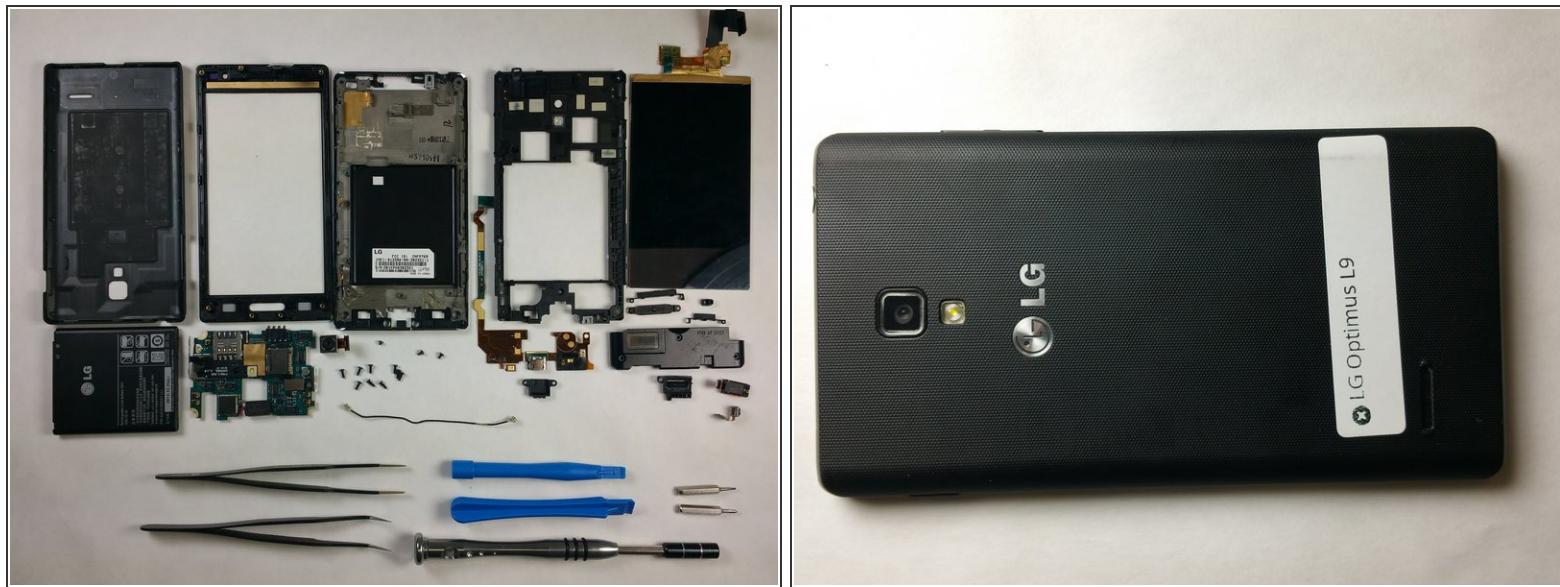
INTRODUCTION

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



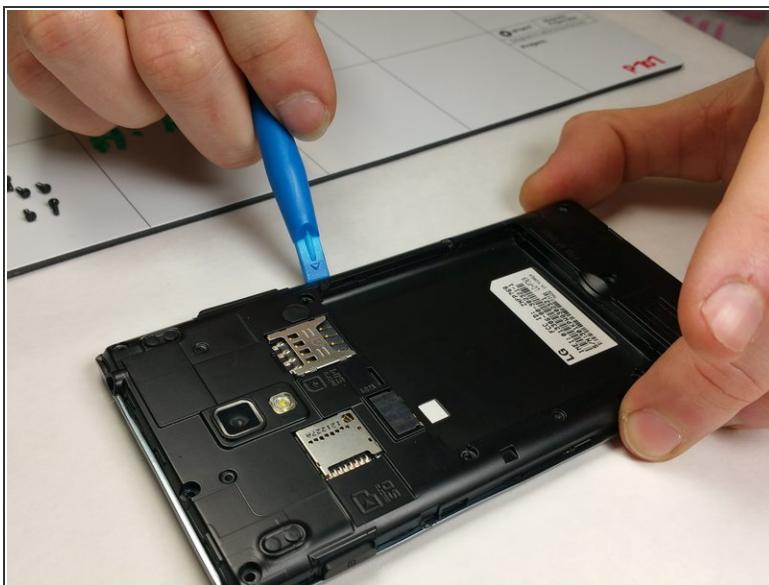
- Lift and remove the battery from the notch in the edge of the battery compartment

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

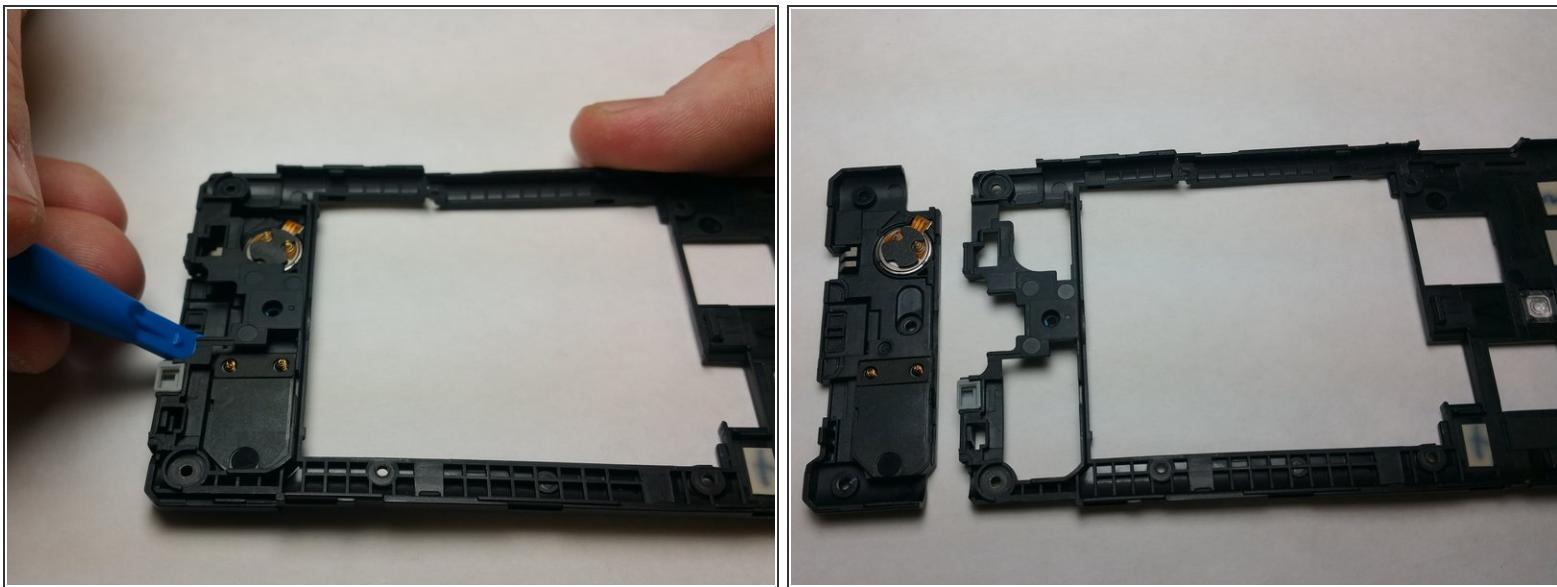
Step 5



- 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



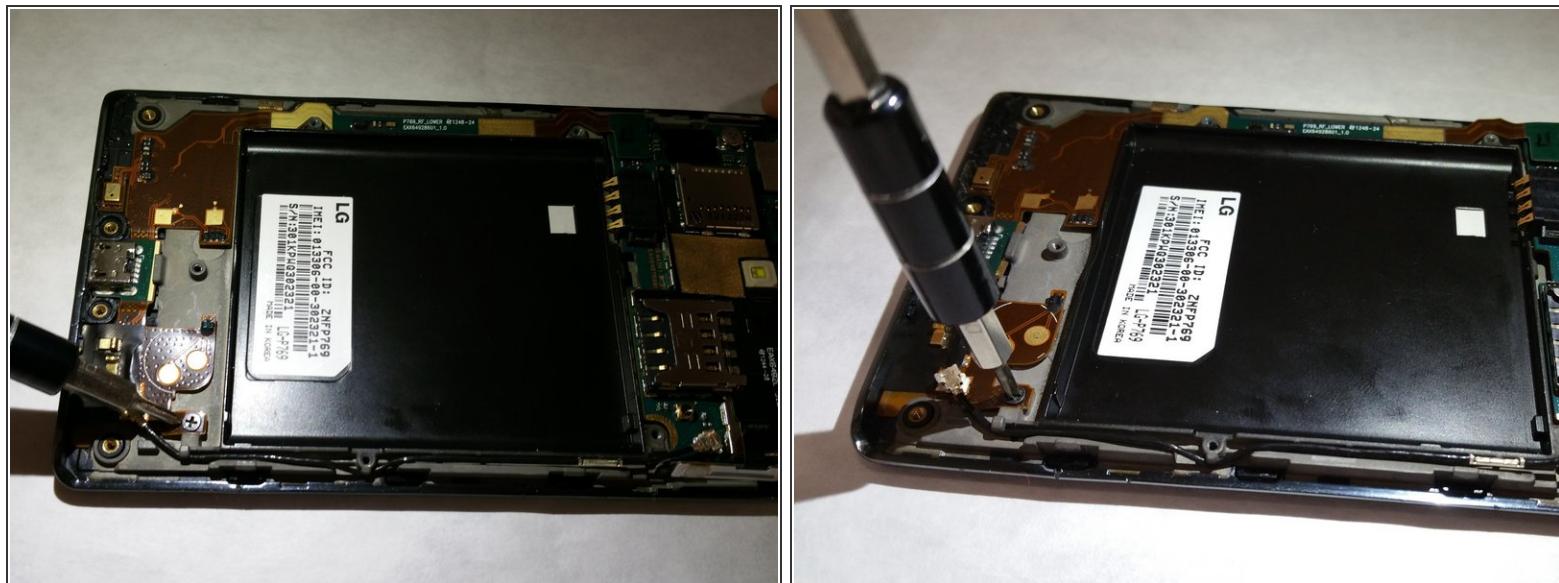
- Remove both connections of the antenna by pulling up with tweezers

Step 8



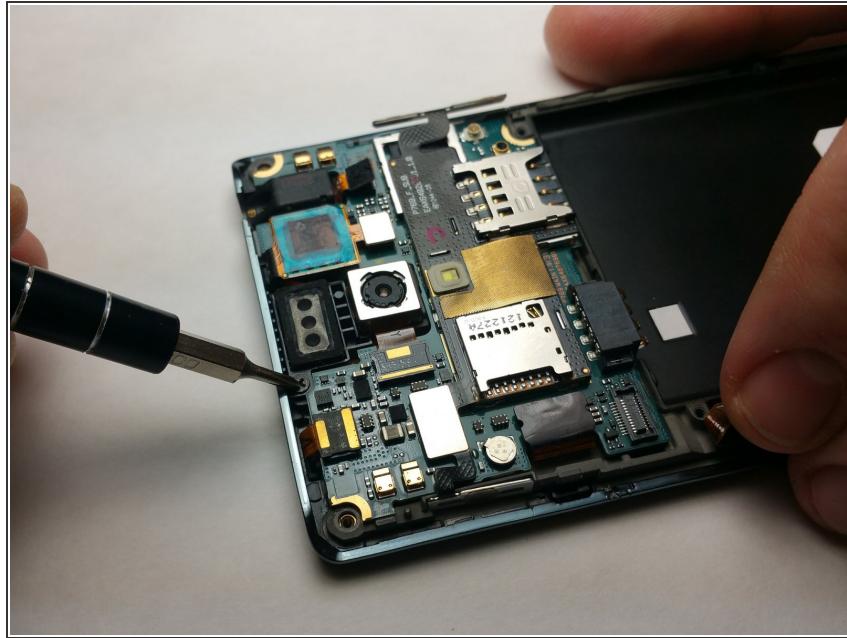
- Remove Micro-USB Cache by unscrewing both 2.9mm screws with the PH000 headtype

Step 9



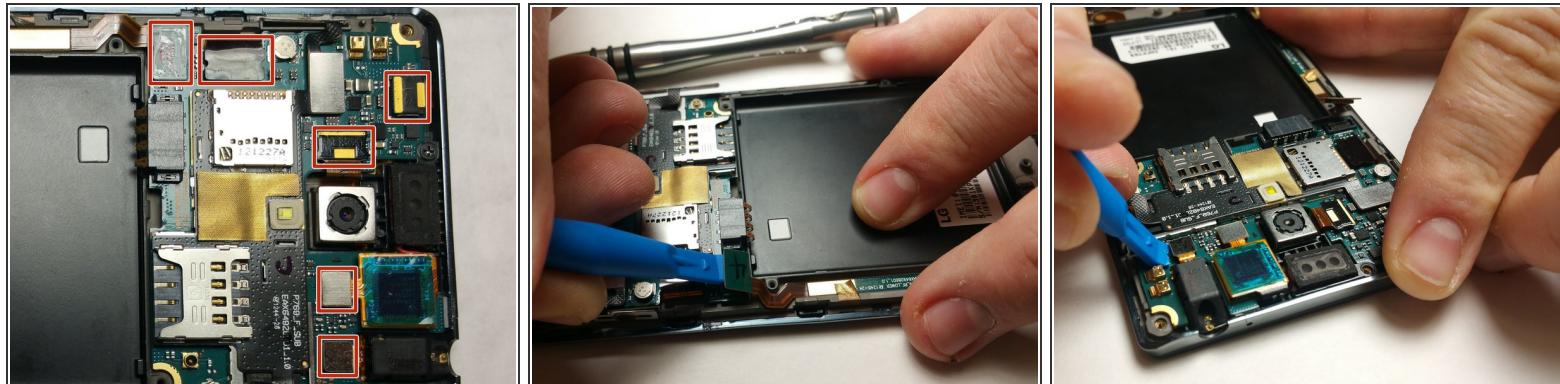
- Remove 1.8mm screw to free Micro-USB module for removal using the PH000 headtype

Step 10



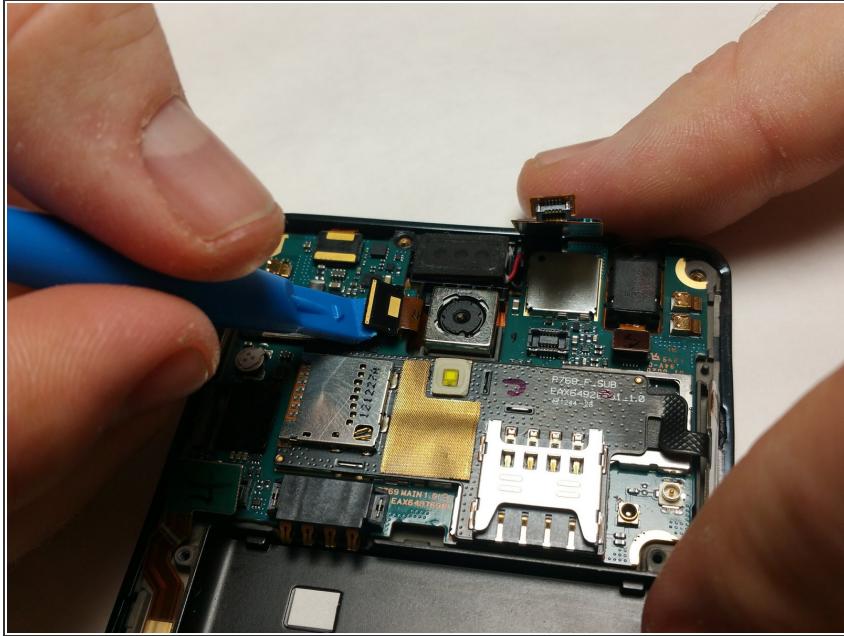
- Remove screw at top of phone to release speaker with PH000 screwdriver

Step 11



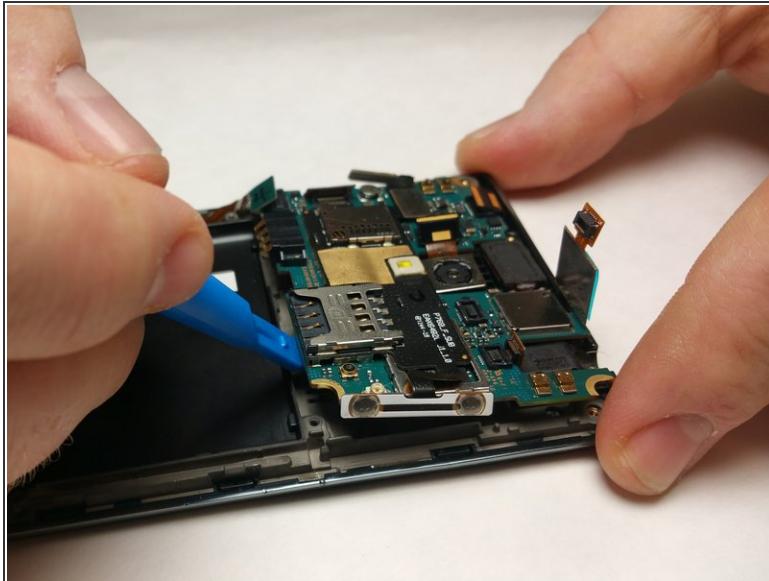
- Use a small prying tool to release all motherboard connections.

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

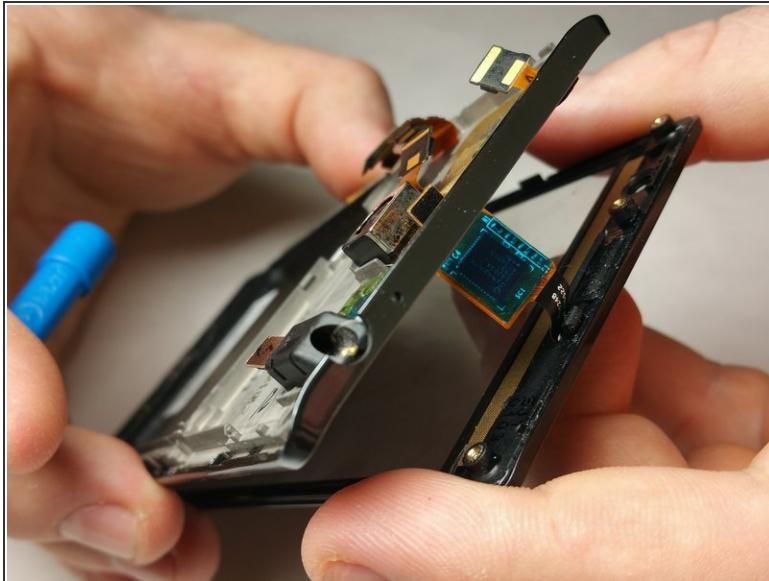
Step 14



- 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



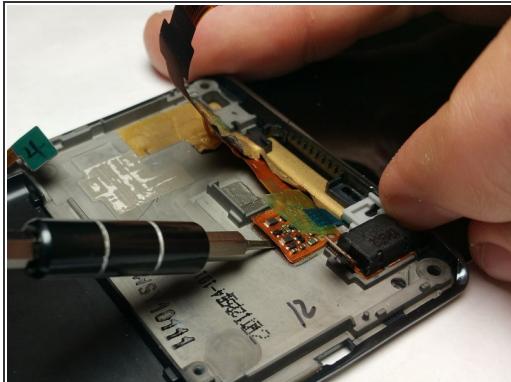
- Carefully remove the digitizer from case by sliding out connected ribbon cable

Step 16



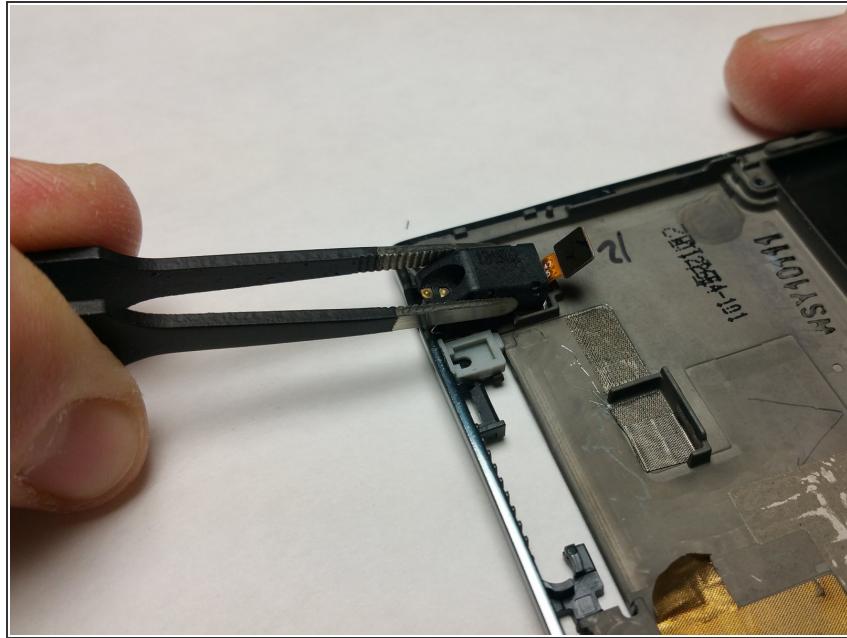
- Use a small prying tool to detach the screen circuitry from the case

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