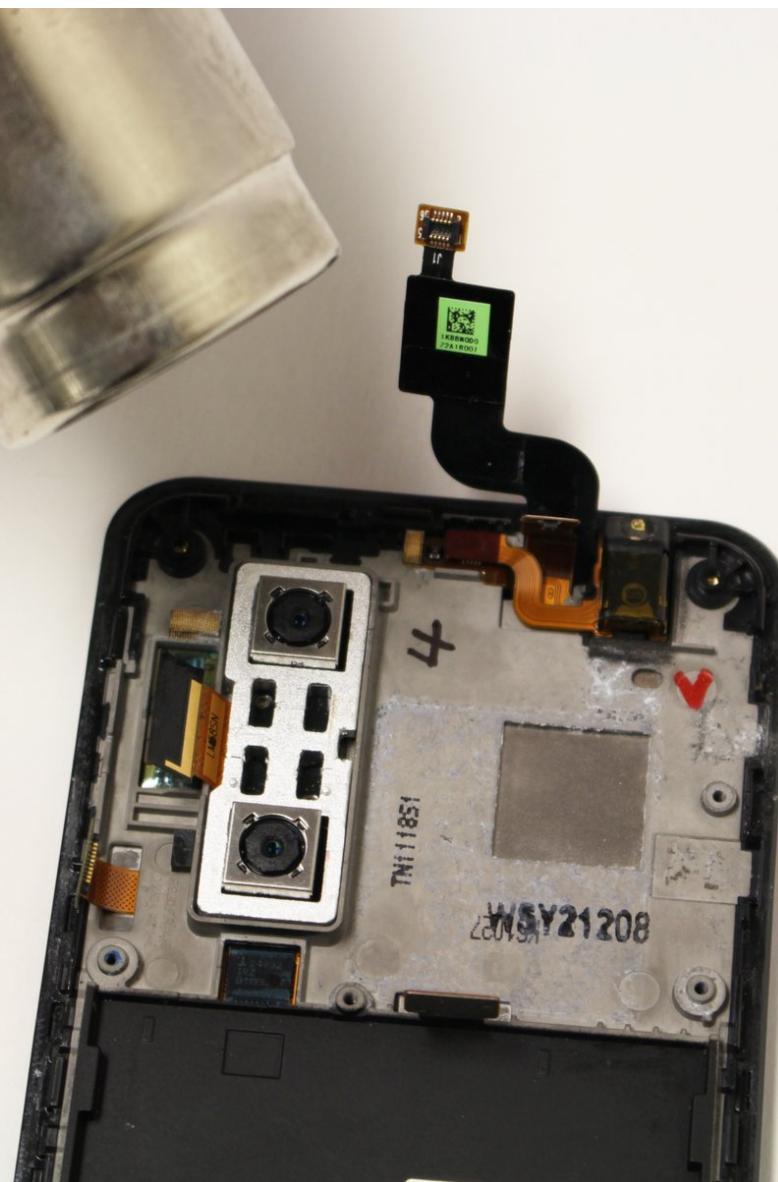




LG Optimus 3D Rear Camera Replacement

This guide will show you how to remove the dual camera assembly in your LG Optimus 3D.

Written By: Dale Pearson



INTRODUCTION

Make sure your phone is turned off before beginning any dissection of your device.

TOOLS:

- Heat Gun (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)
- Spudger (1)

Step 1 — Back Cover Removal



- Pry the back cover off of the phone with your fingernail. There is a notch located at the bottom of the phone for improved leverage.

Step 2 — Battery Removal



- The battery is the large black rectangle towards the bottom half of the phone.
- There is a semi-circular notch at the bottom edge of the battery. Press against and up on the battery to pop it out.

Step 3 — Screw Removal



- Remove 9 screws from the phone. The locations of these screws are circled in the picture.
- 5.5mm length PH00 screws
- 4mm length PH00 screws

Step 4 — Bottom Cover Removal



- Gently pull down on the bottom cover to remove it.

Step 5 — Mid-Cover Bezel Removal

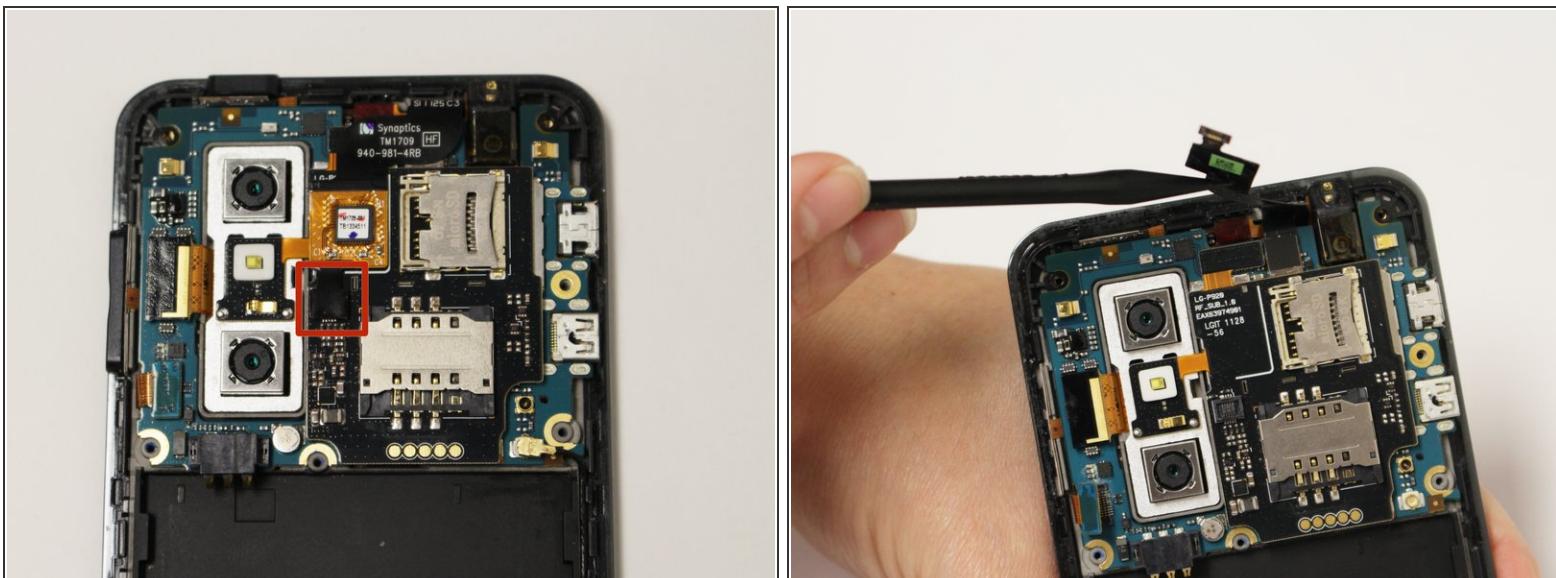


- Using a plastic opening tool, gently pry around the perimeter of the device.

! The ribbons behind the buttons and ports are very delicate. Make sure you do not run your plastic opening tool too deep into the bezel, as you could damage them.

- The button covers rest under the Mid-Cover Bezel. Remove them and set aside.

Step 6 — Ribbon Cable Disconnection



- Using a spudger or plastic opening tool, gently disconnect the ribbon cable attached to the black SIM card board.

Step 7 — Adhesive Loosening



- Use a hair-dryer on high, or a heat gun on low to heat the device and loosen the adhesive which holds down the SD/SIM Card Board.
- Evenly heat the device in short intervals for about one minute.

⚠ Do not heat the device for more than 30 seconds at a time to prevent over-heating.

Step 8 — SD/SIM Card Board Removal



- Gently pry the board up to release it from the now soft adhesive. Make sure you pry up the little tab connected to the camera unit as well.
- If the board is too difficult to separate than more heating may be required.

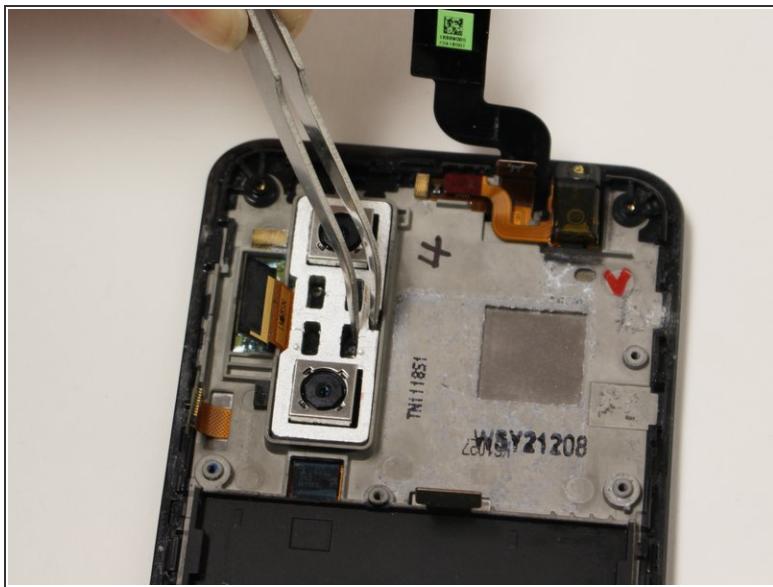
Step 9 — Heat Adhesive



- Heat the camera assembly in 20-30 seconds intervals with a heat gun set on low, or a hair drying set on high.

(i) Although the motherboard assembly has been removed in the picture, it is not necessary to remove it for camera removal.

Step 10 — Remove Camera Assembly



- Using tweezers or a pry tool, gently wiggle and lift the camera assembly away from the body of the phone.

(i) Although the motherboard has been removed in the pictures, it is not necessary to remove it before removing the camera.

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