



LG Optimus Zone 3 Motherboard Replacement

Use this guide to help you replace the motherboard on your LG Optimus Zone 3.

Written By: Cooper Parnell



INTRODUCTION

The motherboard of the LG Optimus Zone 3 is a circuit board that is the backbone of the phone. It is responsible for connecting various parts of the phone and allows for communication between these parts so your device can function properly.

TOOLS:

- [iFixit Opening Tools](#) (1)
-

Step 1 — Battery



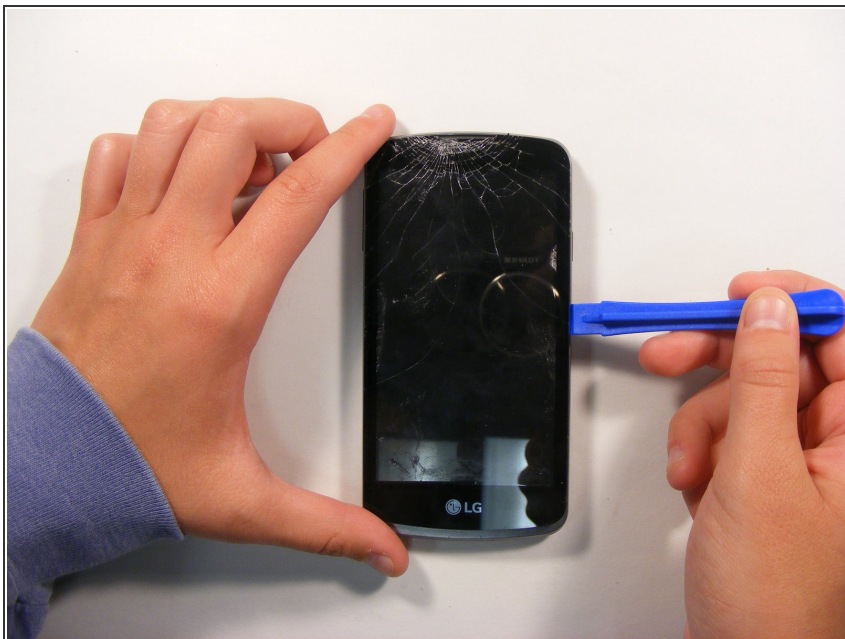
- Insert fingernail into the slot on the back left side of the phone and pry open.

Step 2



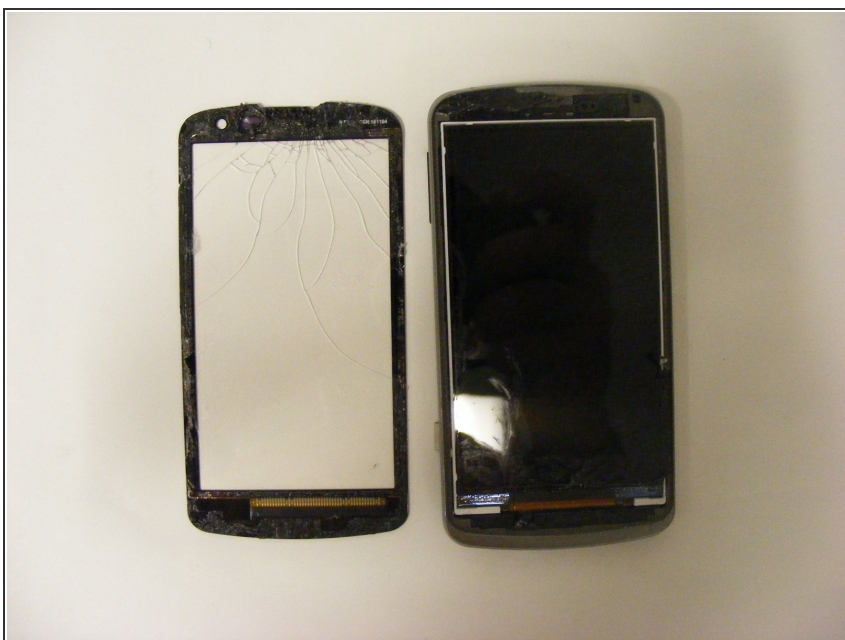
- Remove faulty battery.
- ⓘ The battery is missing from our device, however, it would be located in the section in-between the fingers.

Step 3 — Screen



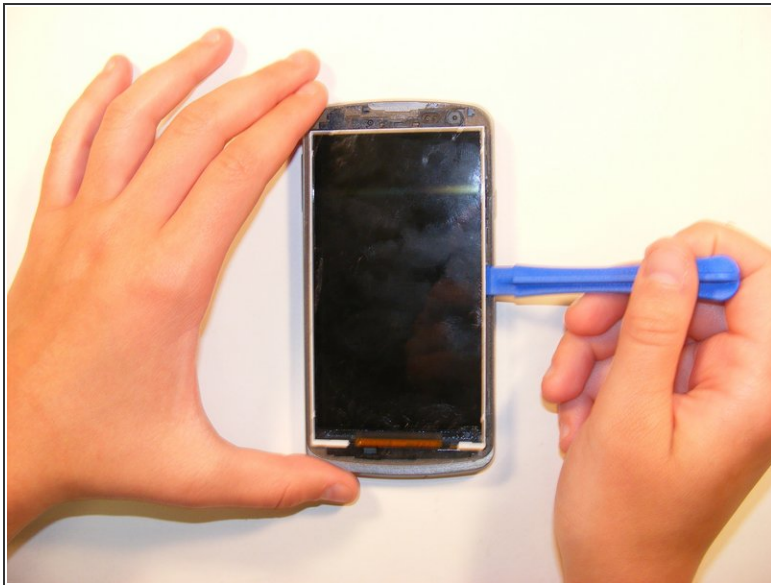
- Insert the plastic opening tool into the groove between the screen and the rest of the device. Work your way around the perimeter by sliding the opening tool around the edge, loosening the screen.

Step 4



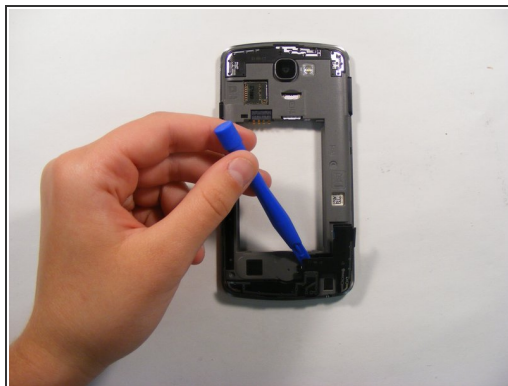
- Once the screen is loosened, fully remove it from the device by peeling it away from the base of the phone.

Step 5 — Motherboard



- Insert plastic opening tool into groove between display and body of the phone. Work your way around the edges to loosen the display, and finally remove it with your fingers.

Step 6



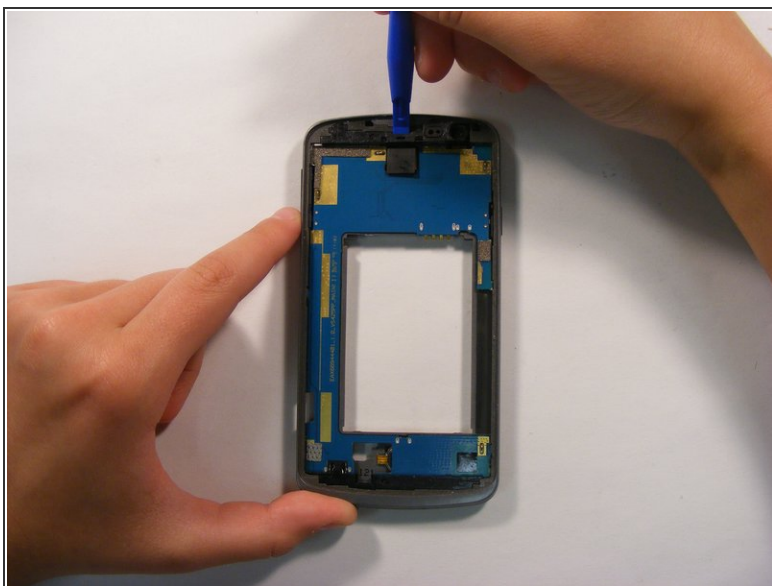
- On the back side of the phone, loosen the bottom shield using the plastic opening tool, and remove it from the device.

Step 7



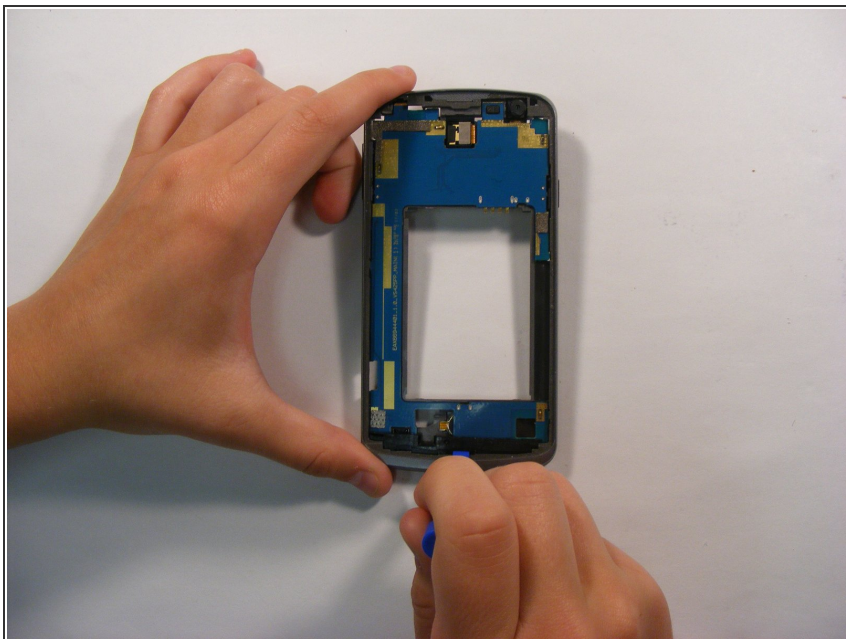
- On the back side of the phone, remove the upper shield using the plastic opening tool.

Step 8



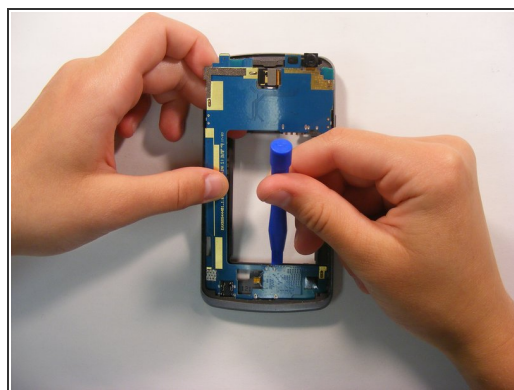
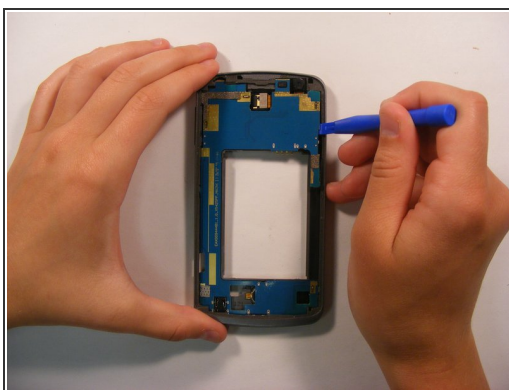
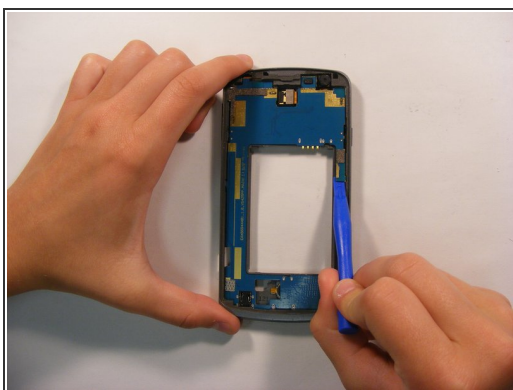
- On the front side of the phone, push down on the top plastic shield to loosen it, and remove the shield using the plastic opening tool .

Step 9



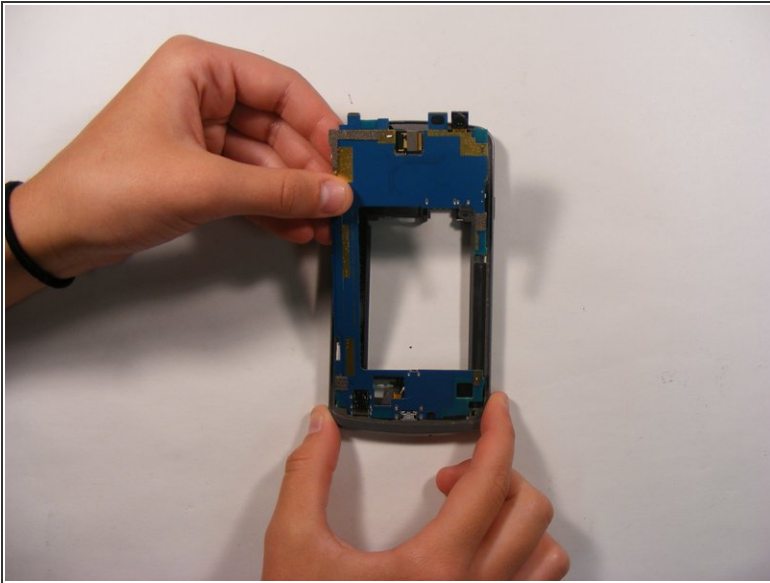
- On the front side of the phone, push up on the plastic bottom shield using the plastic opening tool and remove it.

Step 10



- Using the plastic opening tool, work your way around the perimeter of the blue motherboard to loosen it from the body of the phone.

Step 11



- Using your fingers, grab onto the blue motherboard and safely remove the loosened motherboard from the device.

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