



LG G3 Vigor Display Assembly Replacement

Replace the display assembly on a LG G3 Vigor.

Written By: Zhong Zhen



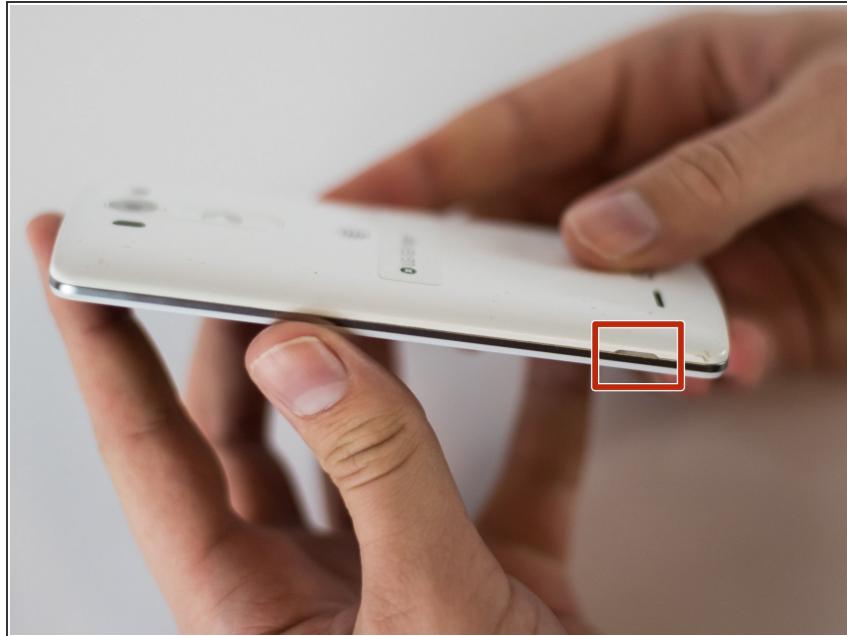
INTRODUCTION

Use this guide to replace the display assembly on your LG G3 Vigor.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [Metal Spudger](#) (1)
- [Tweezers](#) (1)
- [iOpener](#) (1)

Step 1 — Rear Case



- Locate the notch on the bottom right of the phone.

Step 2



- Gently pull the cover on the back of the phone off to locate the battery.

Step 3 — Battery



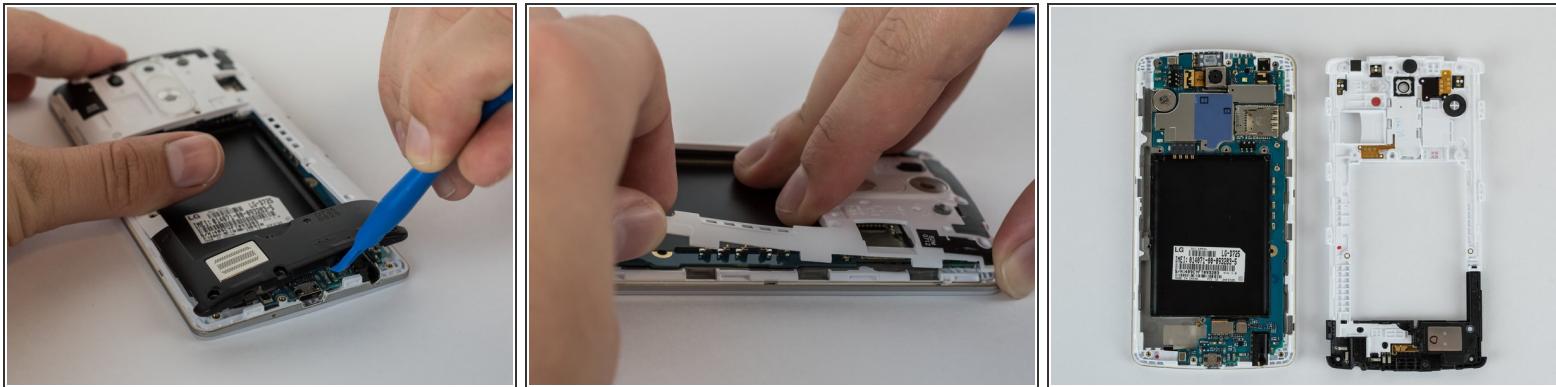
- Remove the battery by lifting from the slot at the bottom of the battery.

Step 4 — Midframe



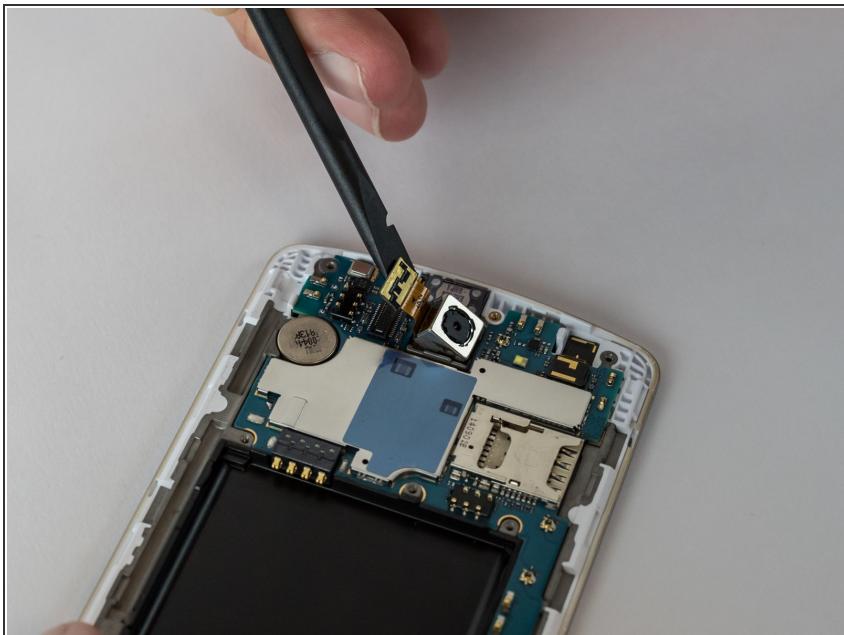
- Remove the twelve Phillips #00 screws securing the midframe to the rest of the phone.

Step 5



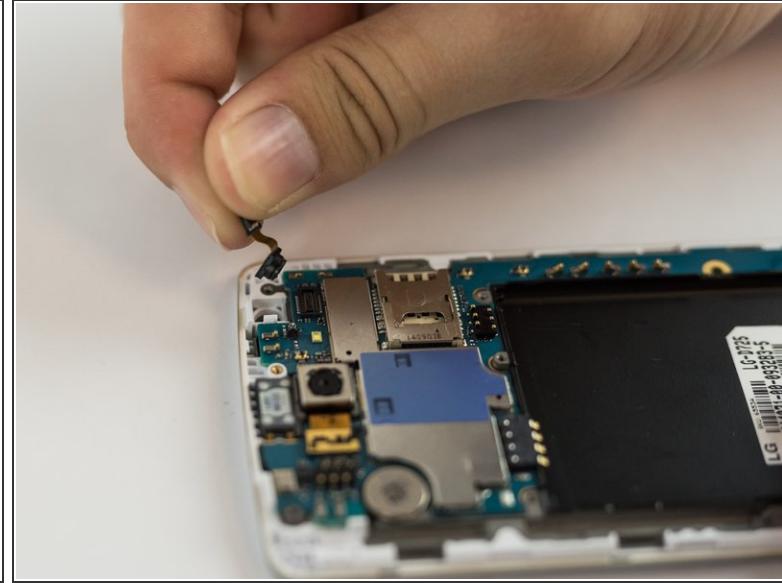
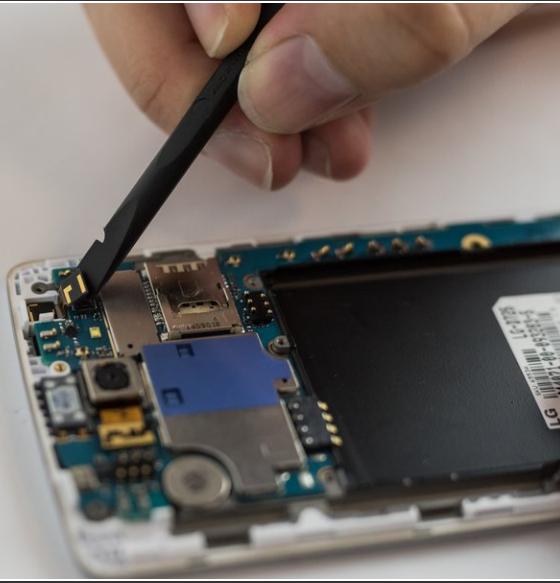
- Work a plastic opening tool around the perimeter of the phone to separate the midframe from the rest of the phone.

Step 6 — Rear Facing Camera



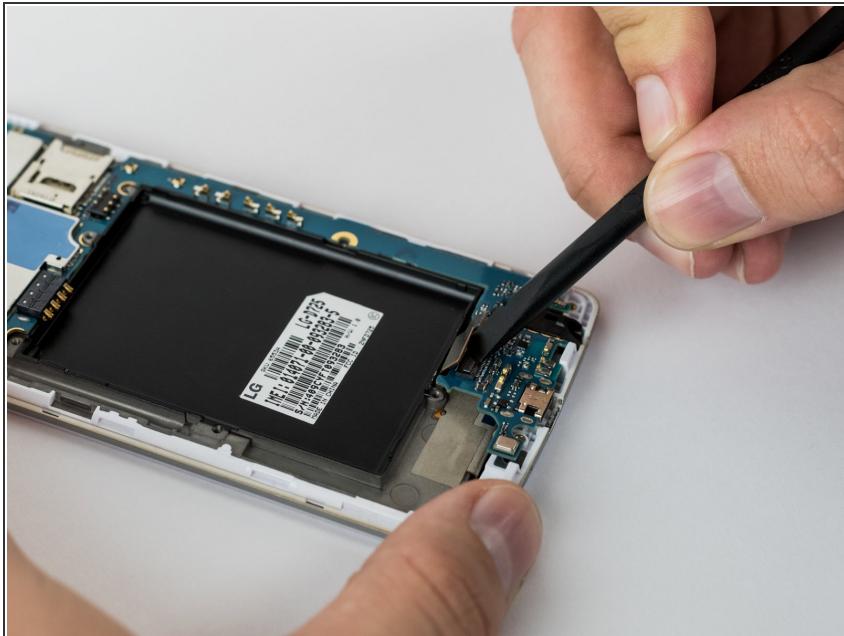
- Use the spudger to gently unplug the ribbon cable connected to the motherboard. Then remove the rear facing camera.

Step 7 — Front Facing Camera



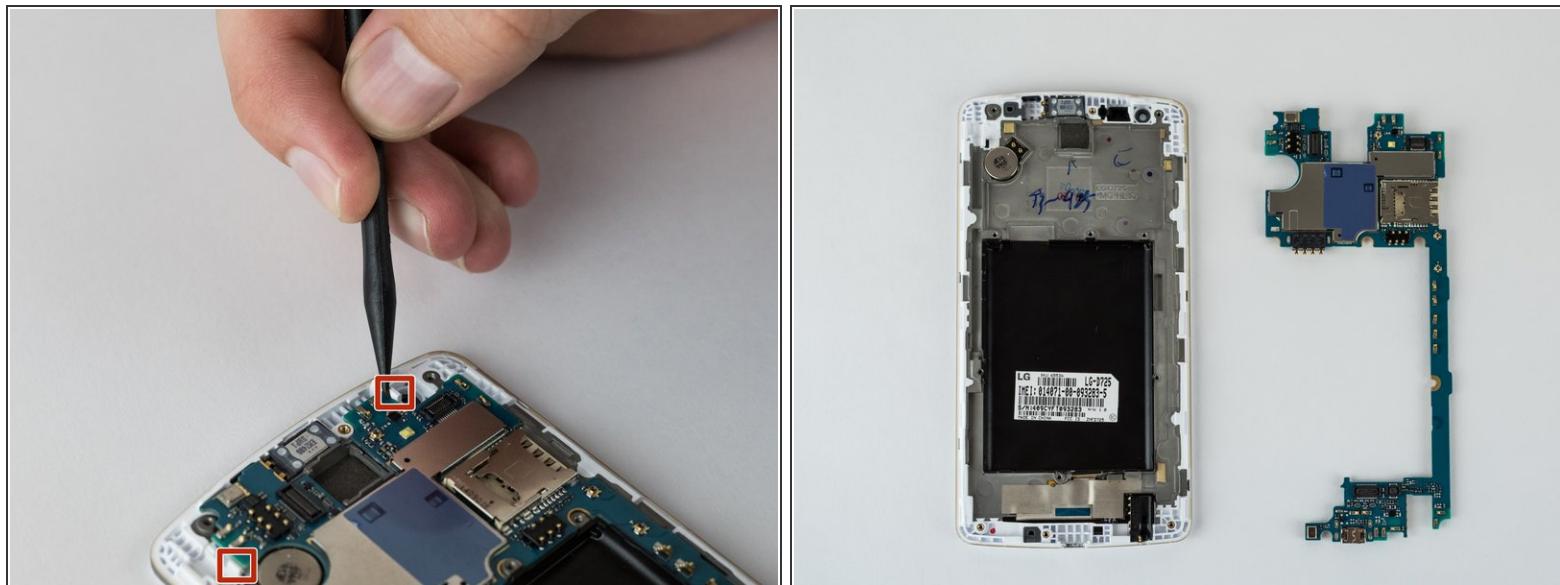
- Use the spudger to gently unplug the ribbon cable connected to the motherboard.
- Remove the front camera.

Step 8 — Motherboard



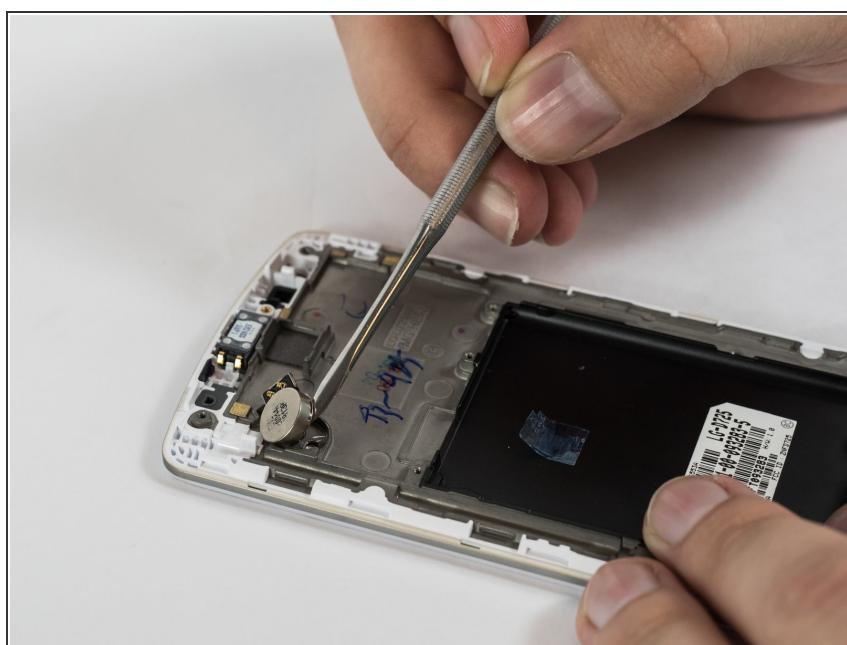
- Use the flat edge of a spudger to disconnect the motherboard ribbon connector.

Step 9



- Use the pointed end of a spudger to push back the two motherboard retaining flaps.
- The motherboard should now be able to be lifted out of the device.

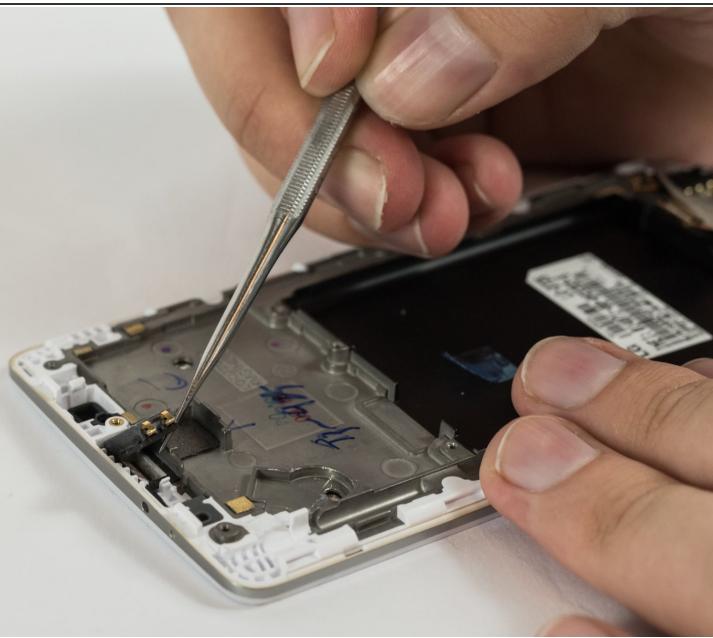
Step 10 — Vibration Motor



- Use a spudger to remove the vibration motor.

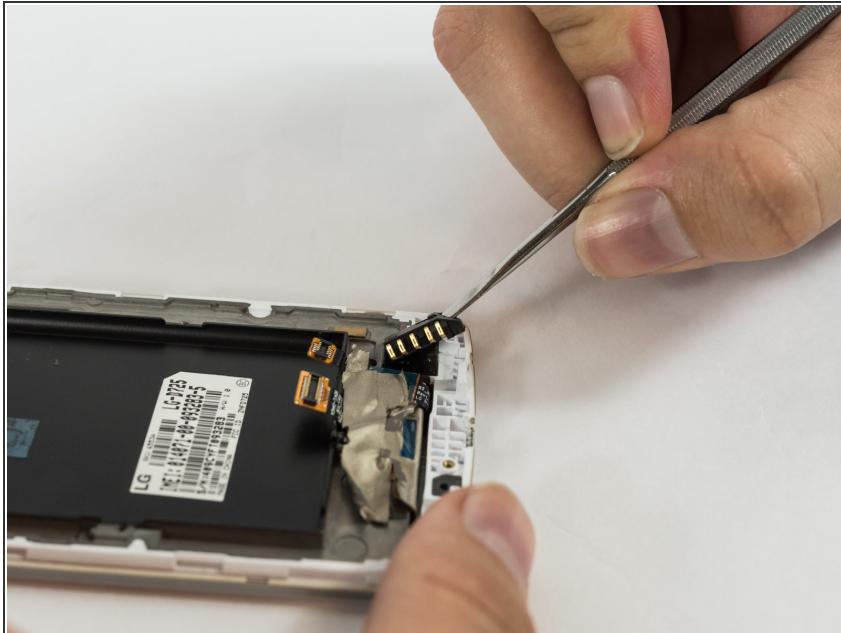
(i) It may have some slight adhesive, so some force may be necessary.

Step 11 — Earpiece Speaker



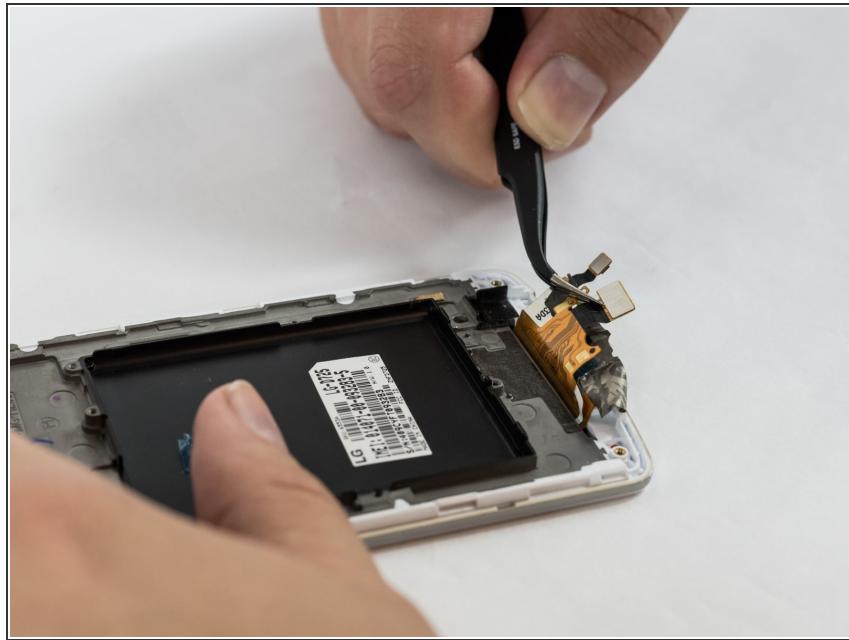
- Remove the earpiece speaker with the metal spudger by prying it out.

Step 12 — Headphone Jack



- Remove the headphone jack by inserting the spudger into the jack and pulling it up and out.

Step 13 — Display Assembly



- Using tweezers peel back the glued down ribbon cable at the bottom of the phone.

Step 14



- Using a heat gun or the iFixit iOpener tool heat up the edges of the devices screen.
- After a few minutes heating up the edges of the screen use a metal spudger tool or any other flat tool to dig under the edge of the screen.
- Once under the edge of the screen work your way around the entire perimeter of the screen and pull the screen off.

Step 15



- Once the screen has come off pull the ribbon cables through the hole and remove the screen completely.

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