



# LG G6 USB-C Port Replacement

Replace the USB-C port on a LG G6.

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# INTRODUCTION

Use this guide to replace the USB-C port on your LG G6.

## TOOLS:

- iOpener (1)
- Phillips #000 Screwdriver (1)
- Metal Spudger (1)
- Spudger (1)
- Suction Handle (1)
- Plastic Cards (1)
- Halberd Spudger (1)
- iFixit Opening Picks set of 6 (1)
- Tweezers (1)

## PARTS:

- Tesa 61395 Tape (2)

*Thin, high-bond tape is required if the replacement part does not come with adhesive.*

- LG G6 USB-C Port (1)

## Step 1 — iOpener Heating



- ⓘ We recommend that you clean your microwave before proceeding, as any nasty gunk on the bottom may end up stuck to the iOpener.
- Place the iOpener in the center of the microwave.

**⚠** For carousel microwaves: Make sure the plate spins freely. If your iOpener gets stuck, it may overheat and burn.

## Step 2



- Heat the iOpener for **thirty seconds**.
- Throughout the repair procedure, as the iOpener cools, reheat it in the microwave for an additional thirty seconds at a time.

**⚠** Be careful not to overheat the iOpener during the repair. Overheating may cause the iOpener to burst.

**⚠** Never touch the iOpener if it appears swollen.

**⚠** If the iOpener is still too hot in the middle to touch, continue using it while waiting for it to cool down some more before reheating. A properly heated iOpener should stay warm for up to 10 minutes.

## Step 3



- Remove the iOpener from the microwave, holding it by one of the two flat ends to avoid the hot center.

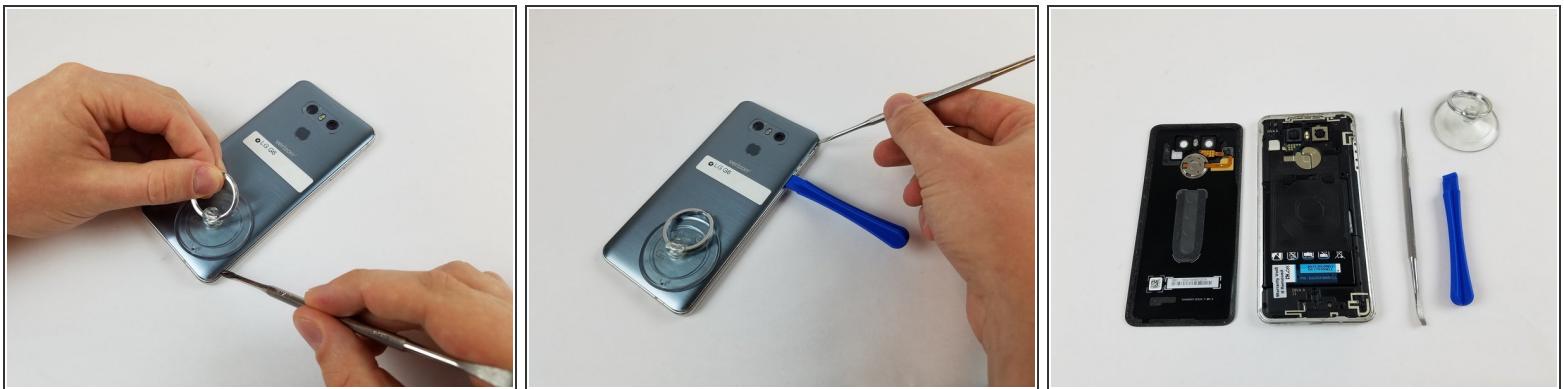
**⚠** The iOpener will be very hot, so be careful when handling it. Use an oven mitt if necessary.

## Step 4 — Battery



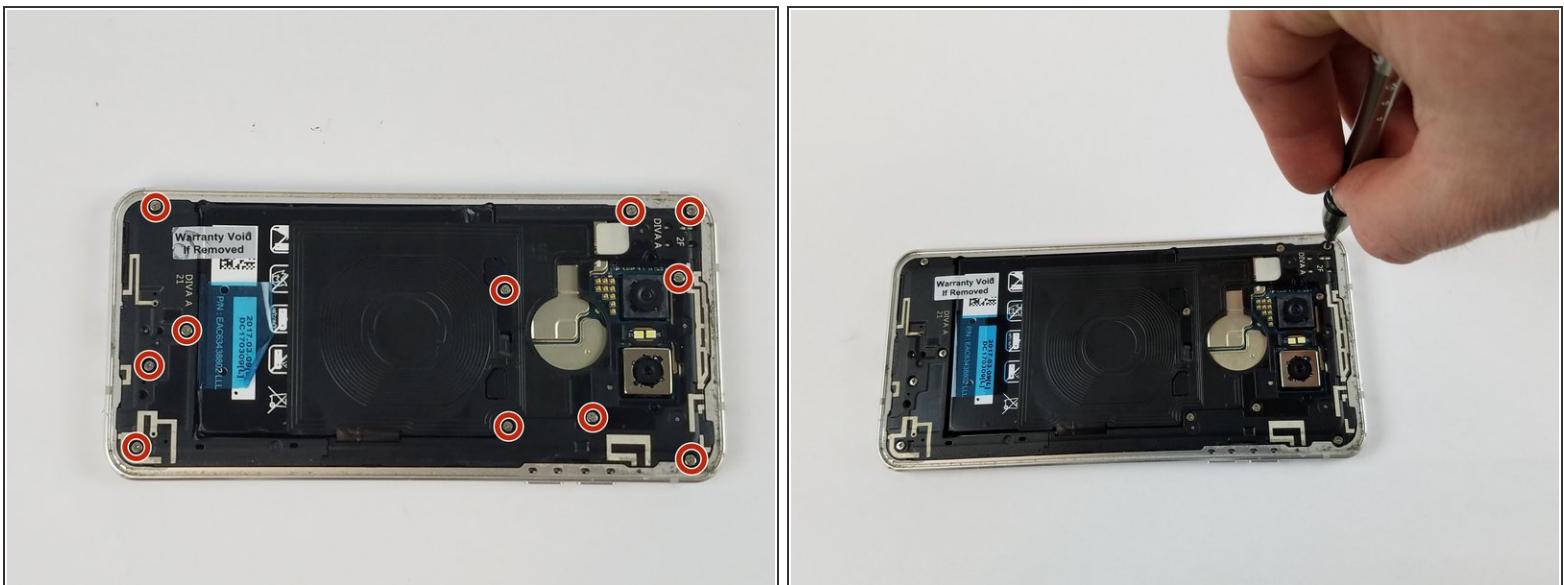
- Apply the heated iOpener to the edge of the phone for about 2 minutes.

## Step 5



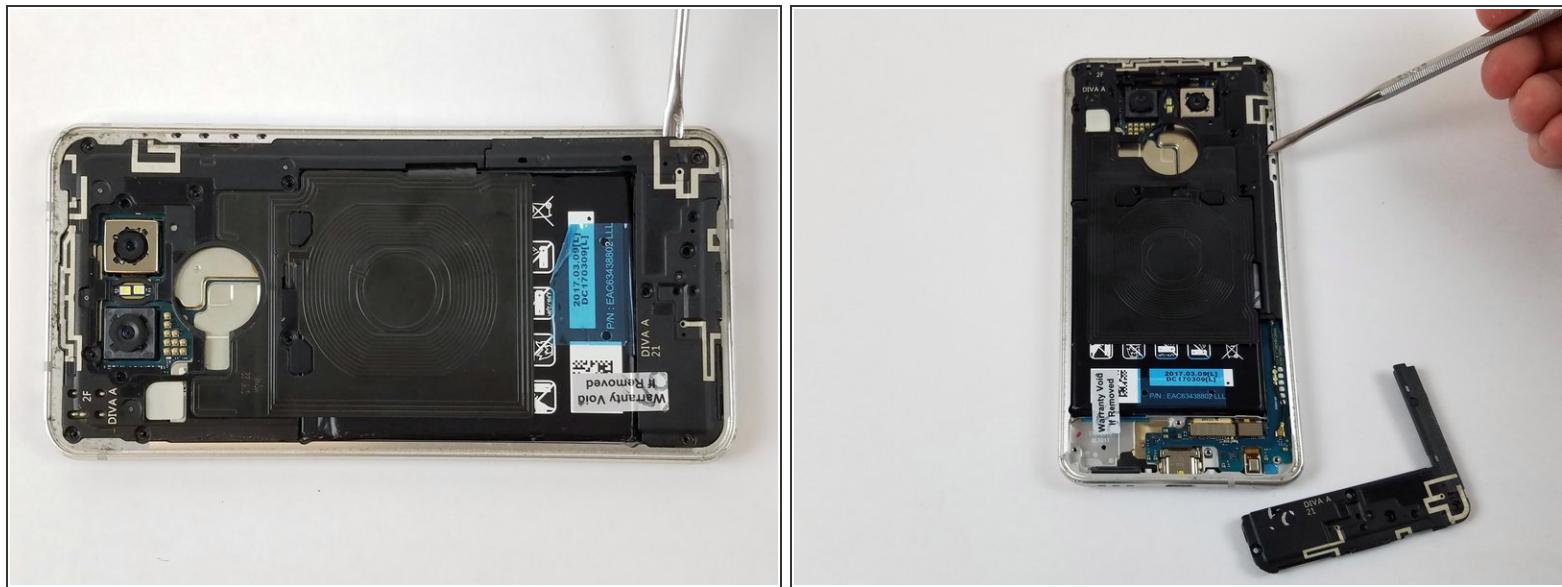
- When the back panel is heated, apply the suction cup close to a corner of the phone. Lift up and insert a halberd spudger or opening pick under the rear glass.
- Slide the blade of the Halberd spudger along the edge of the phone to separate the adhesive.
- Follow around the edge of the phone, and use an opening pick or other tool (such as a plastic card) to keep already opened portions from re-adhering.

## Step 6



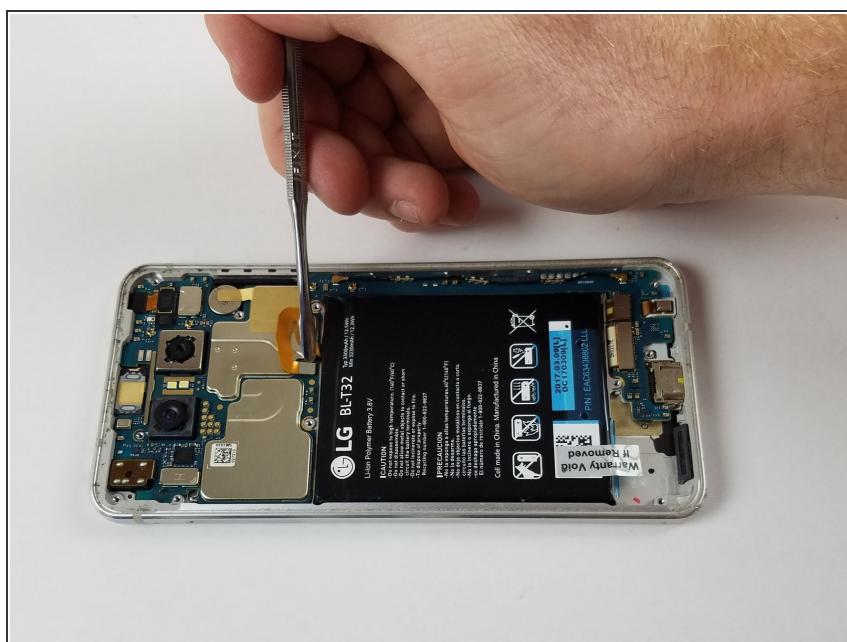
- Using a Philips 000 bit, remove 11 screws from the highlighted locations.

## Step 7



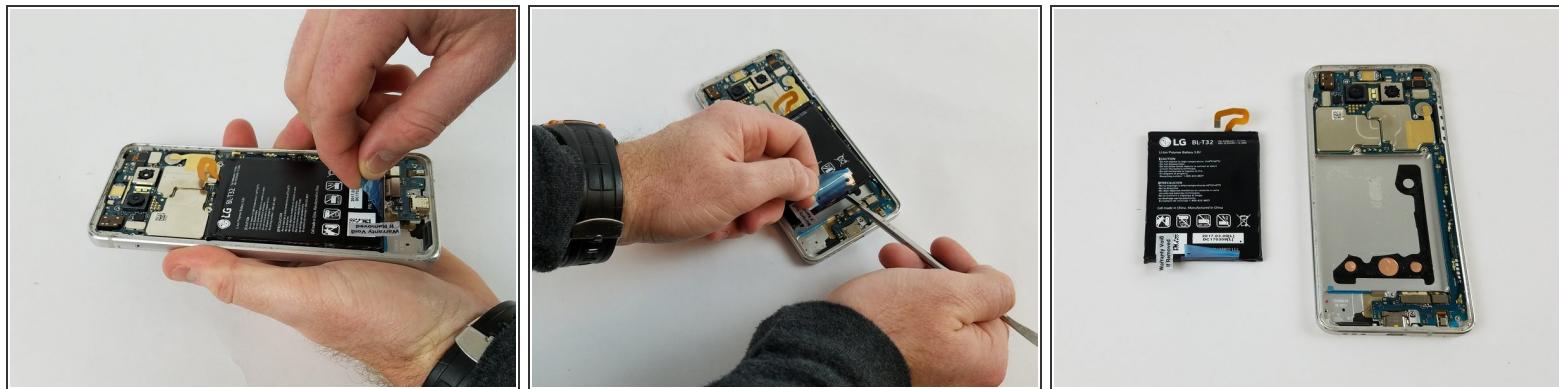
- With the screws removed, remove the lower frame components, followed by the upper mid-frame. Both components can be removed with a little prying.

## Step 8



- Begin battery removal by very gently prying off the power ribbon with a plastic card or a nylon spudger.

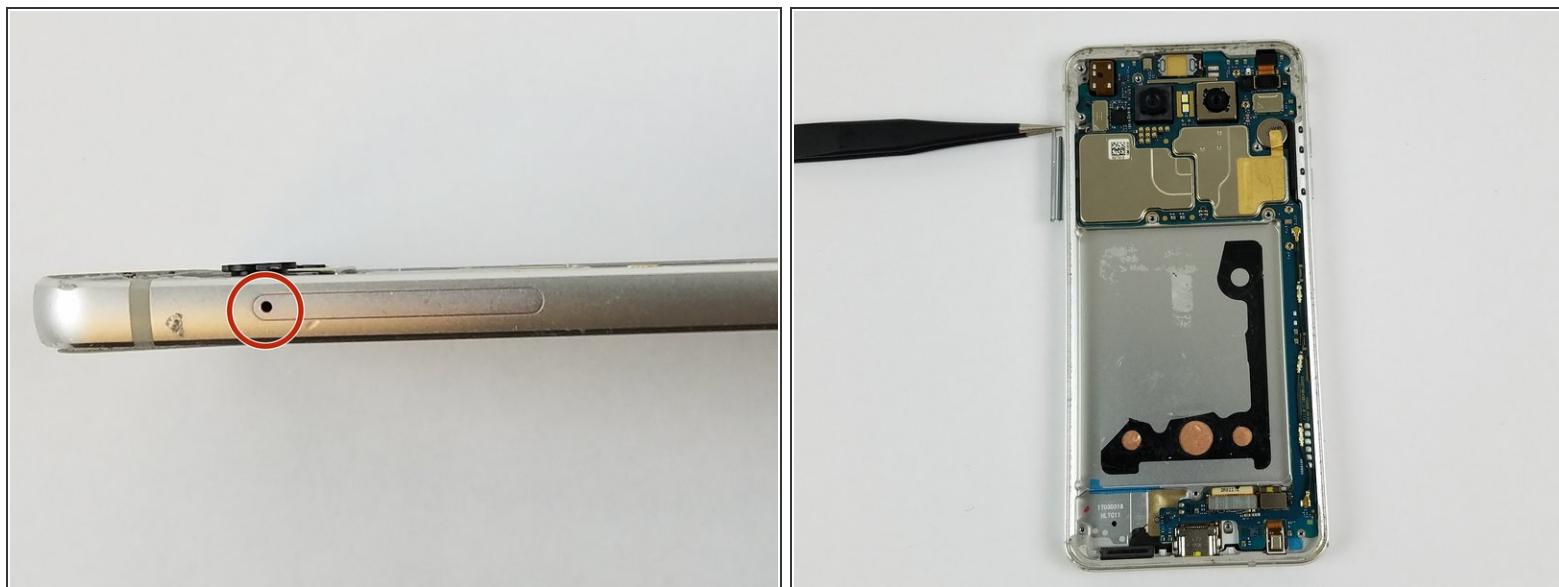
## Step 9



- Firmly pull the blue tab. Be careful not to bend the battery as you pull it away from the adhesive.

 Do not use a knife as you may pierce the battery.

## Step 10 — Motherboard



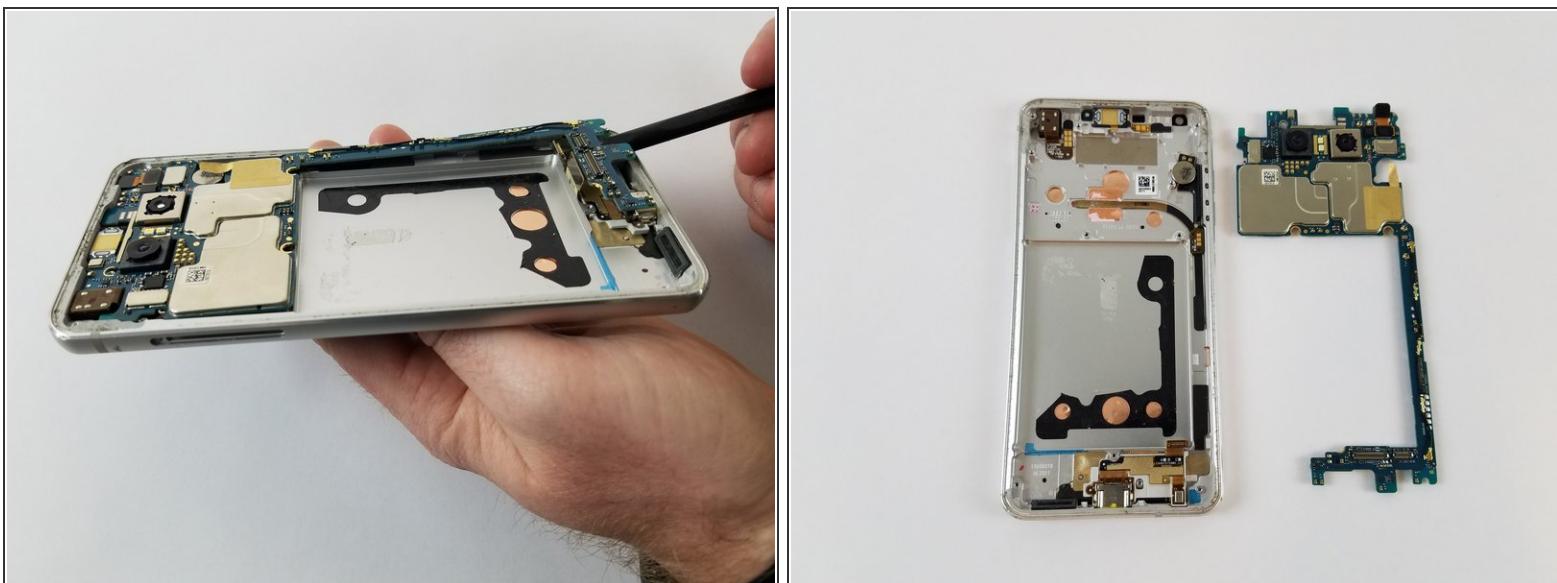
- Locate the sim card tray release mechanism on the right edge.
- Using the tweezers, or similar thin and rigid tool, push in the release button and pull out the sim card tray.

## Step 11



- Gently pry off the two connectors at the bottom of the phone.
- Pry off the tape covering the vibrator.

## Step 12



- The motherboard is now removable by gently lifting.

**⚠** Upon removal of the motherboard, the small plastic sim card tray release mechanism will be loose and may get lost.

## Step 13 — USB-C Port



- Gently pry the USB-c port assembly out of the frame.

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