



LG G8 ThinQ Screen Replacement

If your LG G8 ThinQ's screen is experiencing...

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INTRODUCTION

If your LG G8 ThinQ's screen is experiencing symptoms described in our [troubleshooting page](#) such as dead pixels or irregular touch response, this guide will help to replace the screen and access some functions and/or displays that may be obsolete with a damaged screen.

The LG G8 ThinQ requires disassembly of the entire interior of the device to completely replace the screen.

Before disassembling your device, discharge the battery below 25%.

This phone uses a strong adhesive on the battery and back panel; iFixit's adhesive remover or high concentration (90% or higher) isopropyl alcohol can be used to make the process easier.

Adhesive can be replaced to closer replicate factory fit and finish.



TOOLS:

[Phillips #000 Screwdriver](#) (1)
[SIM Card Eject Tool](#) (1)
[iFixit Opening Tool](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)
[Heat gun or heat pad](#) (1)
[Plastic Cards](#) (1)



PARTS:

[LG G8 ThinQ Screen](#) (1)

Step 1 — SIM Card Tray



- Unplug and power off your phone before you begin.
- Insert the SIM card eject tool into the pinhole in the lower right side of the phone.
- Remove the SIM card and tray.

Step 2 — Back Panel



- Place the phone so that the screen is facing down.
- Insert opening cards between the back panel and frame of the phone to loosen the clips and adhesive.
- Using equal pressure, carefully pry the back panel away from the phone.
- Once enough space has been created, use an opening tool to completely separate the back panel from the phone.

Step 3 — Midframe



- Remove all 14 screws from the midframe using a Phillips #000 screwdriver.
- Work an opening tool around the perimeter of the midframe to pry and remove it from the phone.

Step 4 — Speaker System



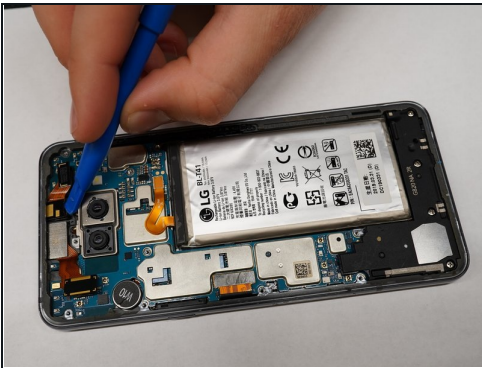
- Using an opening tool, carefully pry out and remove the speaker system from the phone.

Step 5 — Front Cameras



- Using an opening tool, carefully disconnect the ribbon cables from both cameras.

Step 6



- Using an opening tool, carefully pry up and remove both cameras from the phone casing.

Step 7 — Headphone Jack



- Using an opening tool, carefully disconnect the ribbon cable connecting the 3.5mm audio jack to the motherboard.
- Remove the screw holding the 3.5 mm audio jack in place using a Phillips #000 screwdriver.
- Remove the audio jack from the phone.

Step 8 — Battery



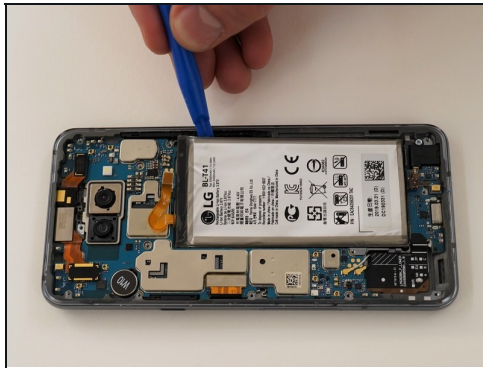
- Flip phone so that screen is facing up.
- Using a heating pad, hairdryer, or heat gun, apply heat to loosen the adhesive beneath the battery.
- ⚠ Be careful to not overheat the phone; the screen and battery are susceptible to damage.
- ⓘ The adhesive can be difficult to soften; it may take many attempts.

Step 9



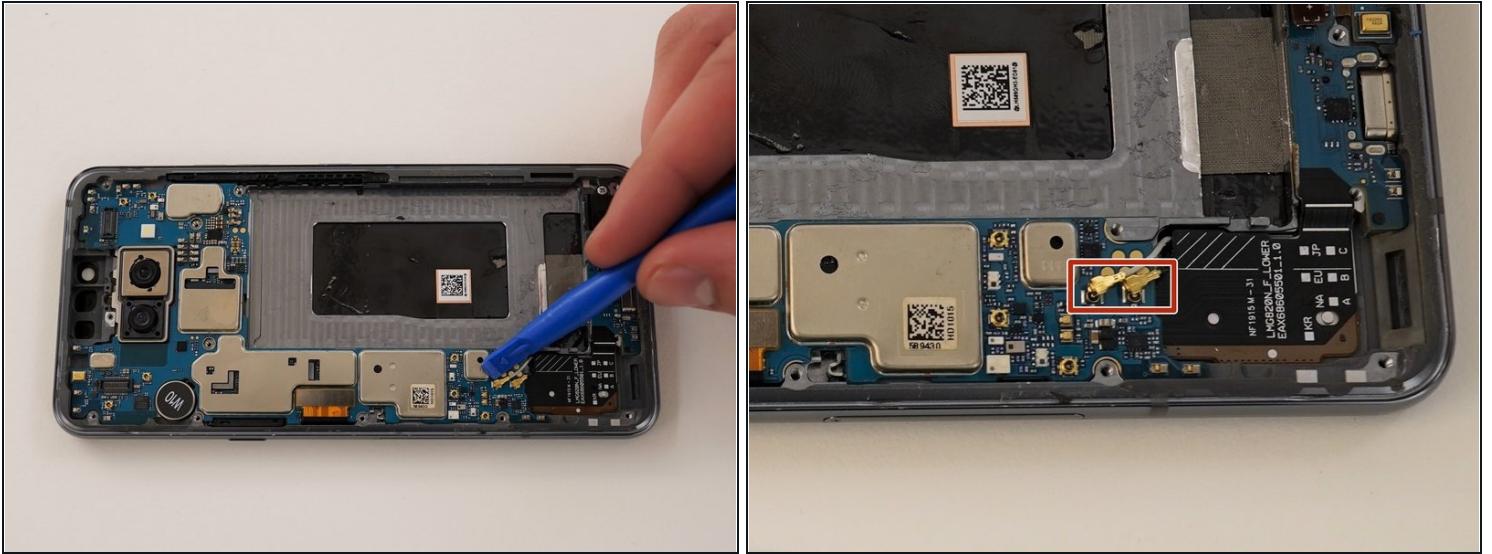
- Using an opening tool, carefully pry up the ribbon cable to disconnect the battery.

Step 10



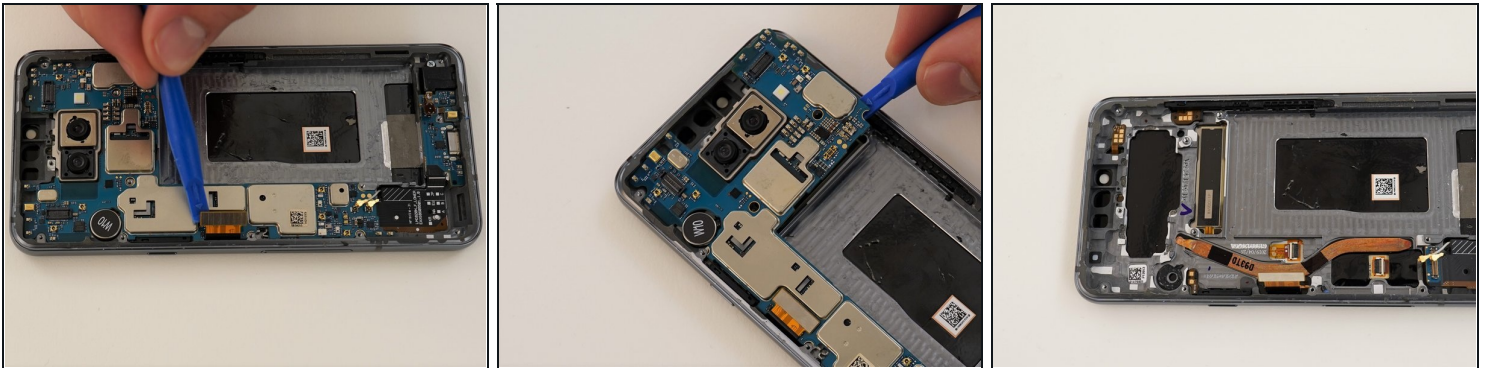
- Using opening cards or an opening tool, carefully pry around the edges of the battery.
- ① If you have trouble prying up the battery, the adhesive may not be loose enough. Re-apply heat, or use some isopropyl alcohol under the battery, allowing it to penetrate for several minutes to weaken the adhesive.
- Remove the battery from the phone.

Step 11 — Motherboard



- Use an opening tool to disconnect the two coaxial cables from the motherboard.

Step 12



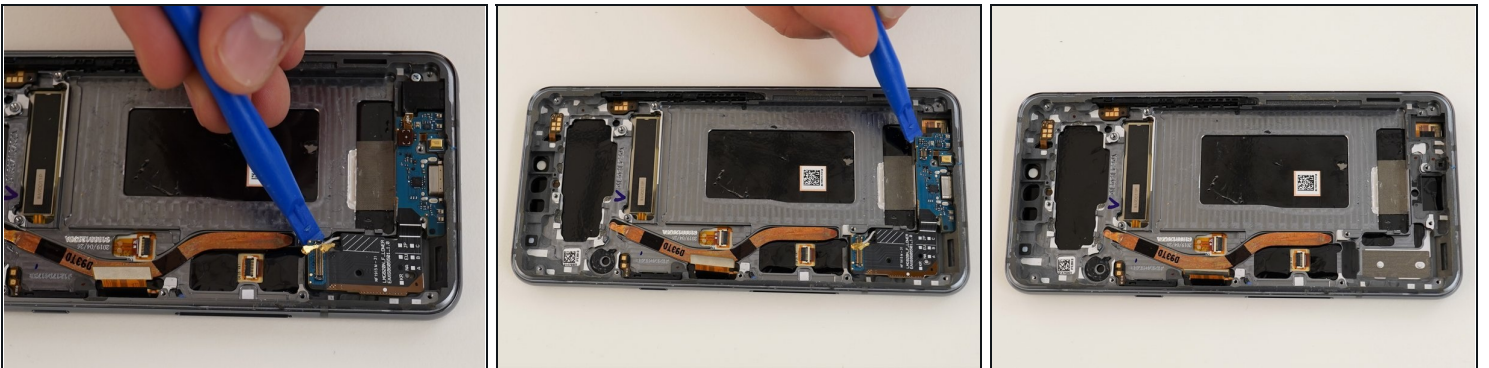
- Using an opening tool, carefully disconnect the screen ribbon cable from the motherboard.
- Using an opening tool, carefully pry up the motherboard from the frame and remove it from the phone.

Step 13 — Vibration Motor



- Remove the vibration motor from the phone casing using an opening tool.
- ① Heat the vibration motor from the other side of the phone to loosen adhesive if needed.

Step 14 — Screen



- Using a plastic spudger, carefully pry up and remove the charging daughter board from the case.
- Reinstall removed components onto new phone casing and screen.

To reassemble your device, follow these instructions in reverse order, installing the components on your new screen.