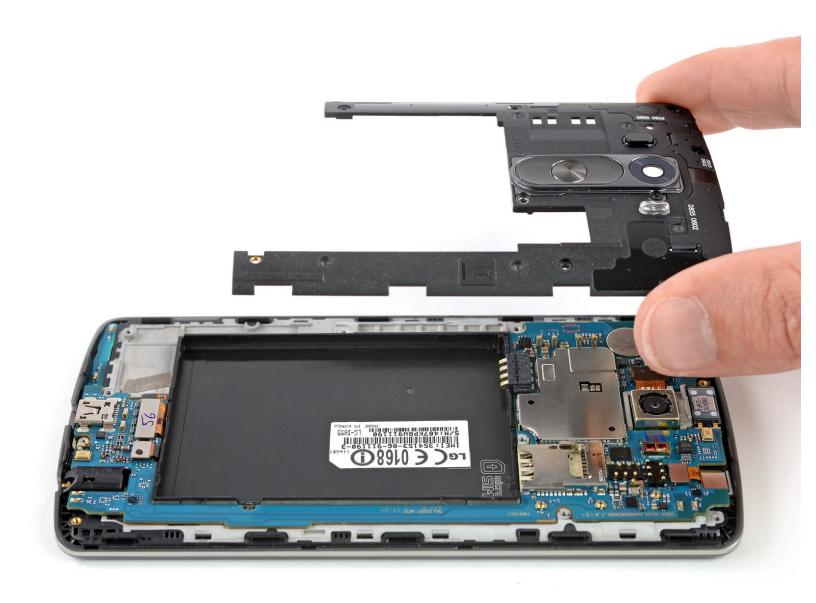


LG G3 Motherboard Cover Assembly Replacement

This guide shows how to remove or replace the motherboard cover assembly in the LG G3 (D855).

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INTRODUCTION

Use this guide to remove or replace the motherboard cover assembly in the LG G3 (D855).



TOOLS:

- Spudger (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Picks set of 6 (1)



PARTS:

- LG G3 Rear Panel (T-Mobile) (1)
- LG G3 Rear Panel (ATT) (1)
- LG G3 Battery (1)
- LG G3 Speaker Assembly (ATT) (1)
- LG G3 Speaker Assembly (T-Mobile) (1)
- LG G3 Speaker Assembly (Sprint) (1)
- LG G3 Motherboard Cover (Sprint) (1)
- LG G3 Motherboard Cover (T-Mobile) (1)
- LG G3 Motherboard Cover (AT&T) (1)

Step 1 — Back Cover



- (i) Power off your phone before beginning disassembly.
- Insert a thumbnail, or a prying tool like a spudger, into the notch at the bottom left of the back cover.
- Pry the back cover up to separate its plastic clips.

Step 2





- Lift the back cover to release the rest of the plastic clips and remove it.
 - in case you can't lift the back cover completely, slide your fingernail or your prying tool around the midframe to release the remaining clips.
- To reinstall the back cover, press it firmly into place until you hear a snap from the plastic clips to form a seamless connection with the rear side of the phone.

Step 3 — Battery





Use a fingernail or a prying tool at the marked notch to lever the battery out of its recess.

Step 4





Lift the battery out of its recess and remove it.

Step 5 — Loudspeaker



 Remove the four Phillips #00 screws (4 mm length).

Step 6





- Insert a thumbnail, or a prying tool like a spudger, into the notch at the bottom left of the back cover you used earlier to remove the back cover.
- Pry up the plastic panel, including the loudspeaker, until you can get a good grip.

Step 7







 Carefully remove the plastic panel including the loudspeaker by gently pulling it away from the phone assembly.

Step 8 — **Motherboard Cover Assembly**



 Remove the eight Phillips #00 screws (4 mm length).

Step 9







- Insert an opening pick between the bottom right corner of the motherboard cover and the motherboard.
- Pry up the motherboard cover to open the plastic clips which hold the cover in its place.
 - The clips can be a bit resistive. If you're having trouble prying up the motherboard cover, slightly rotate the opening pick sideways to make the process easier.
- Work your way along the right edge.

Step 10







- Carefully lift the right edge of the motherboard cover.
 - (i) The remaining plastic clips should open during this process or can be unhinged easily by hand.
- Remove the motherboard assembly.

If possible, turn on your device and test your repair before installing new adhesive and resealing.

Take your e-waste to an R2 or e-Stewards certified recycler.

Repair didn't go as planned? Try some basic troubleshooting, or ask our Answers Community for help.