LG G3 Rear Facing Camera Replacement

Replacing the rear-facing camera.

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INTRODUCTION

The rear-facing camera may be causing problems due to either the ribbon cable not being connected properly or because the camera is broken. This guide should help you fix both problems.

🔧 TOOLS:

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

⚙ PARTS:

- LG G3 Rear Facing Camera (1)

Step 1 — Back Cover

ⓘ 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.

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Step 2

- Lift the back cover to release the rest of the plastic clips and remove it.

  - (i) 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.
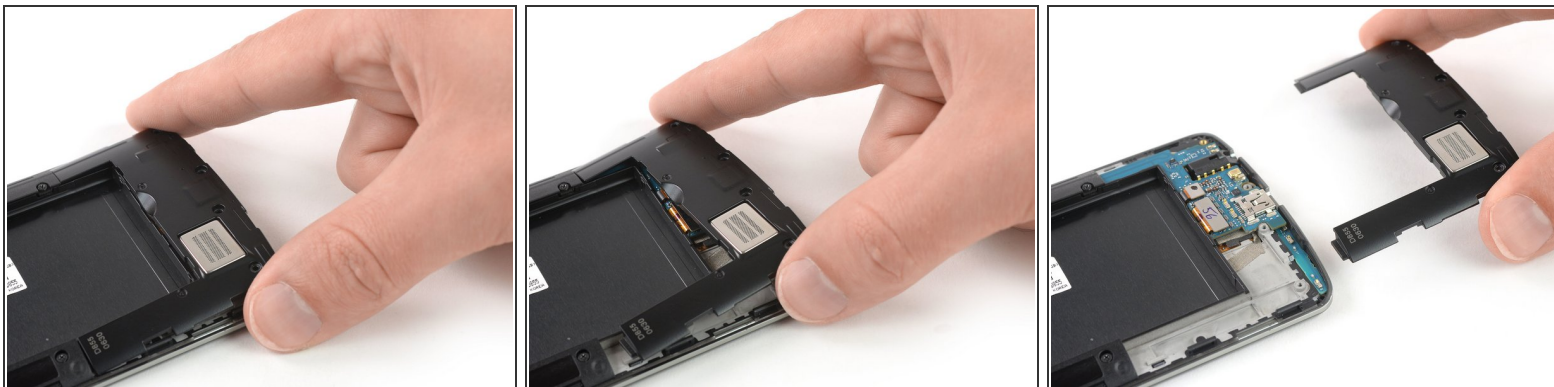
Step 5 — Loudspeaker

- 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.

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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).

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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.

  - (i) 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
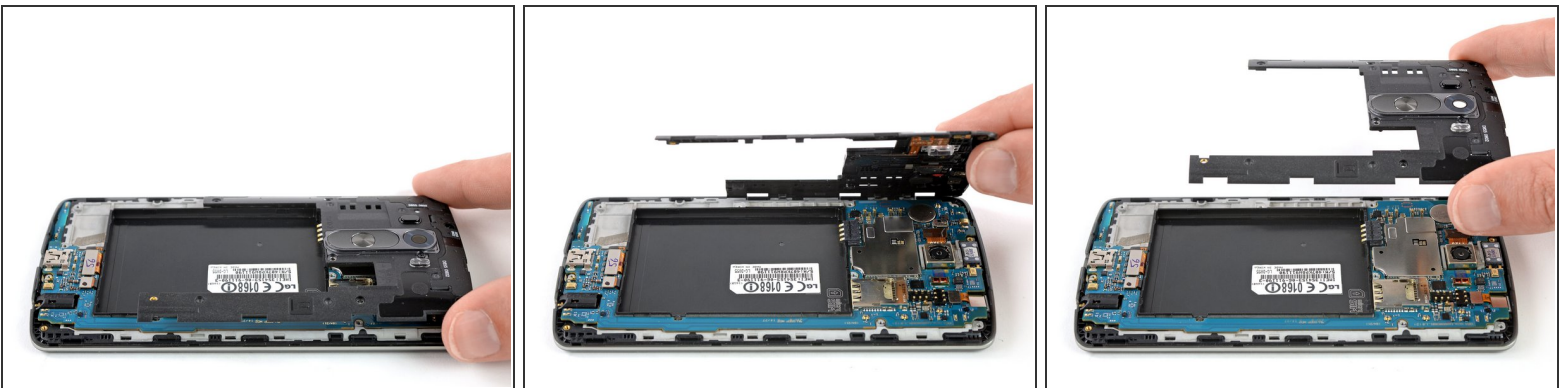
- Carefully lift the right edge of the motherboard cover.

  - (i) The remaining plastic clips should open during this process or can be unhinged easily by hand.

- Remove the motherboard assembly.

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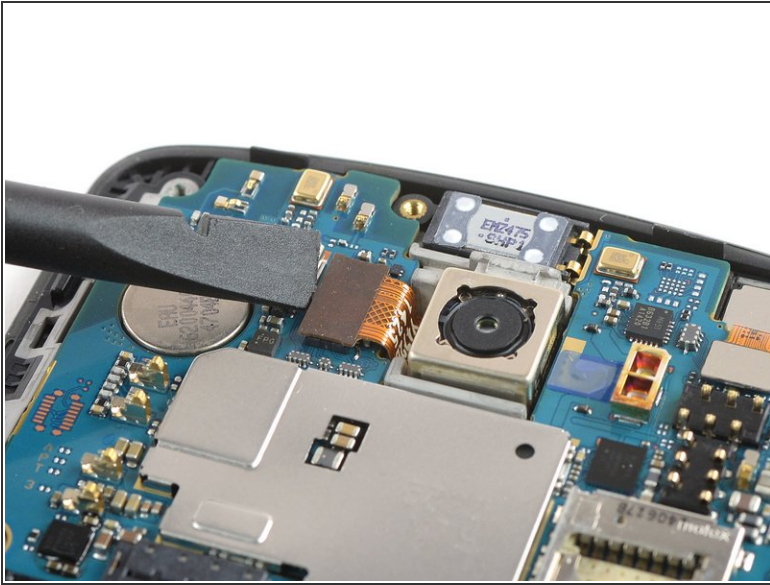
Step 11 — Motherboard

- Use a spudger to pry up and disconnect the display flex cable.

Step 12
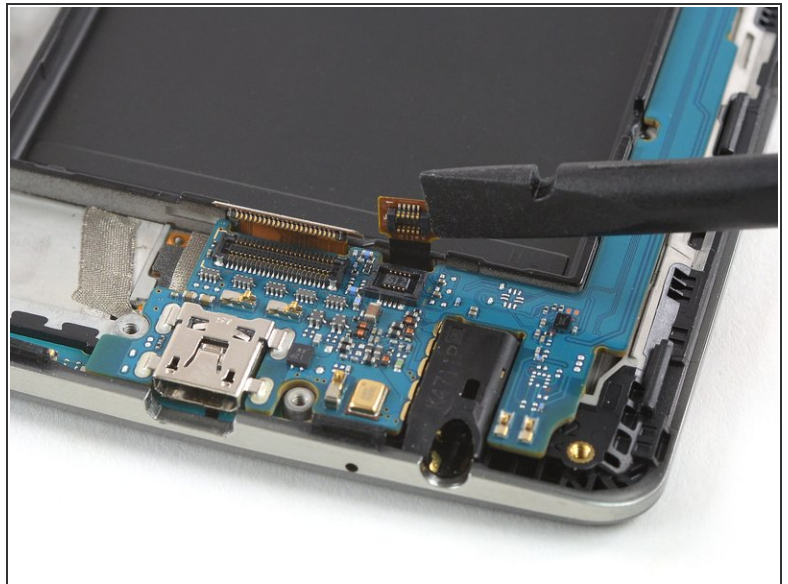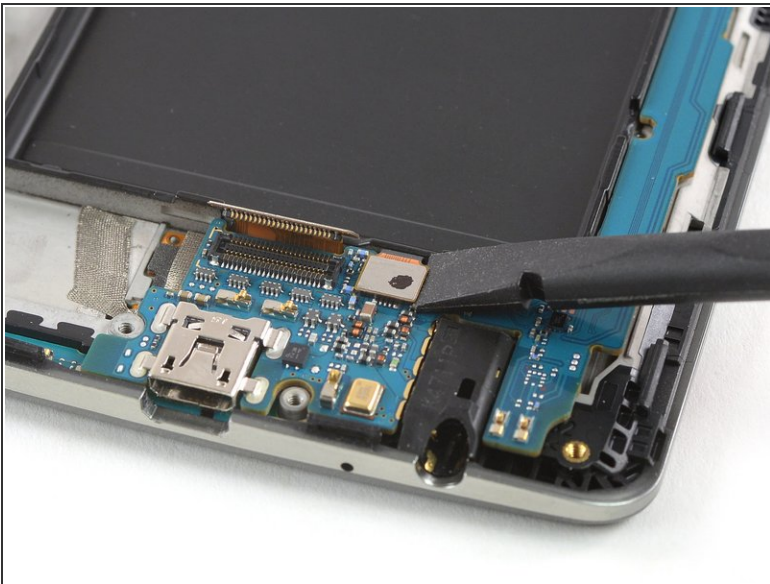
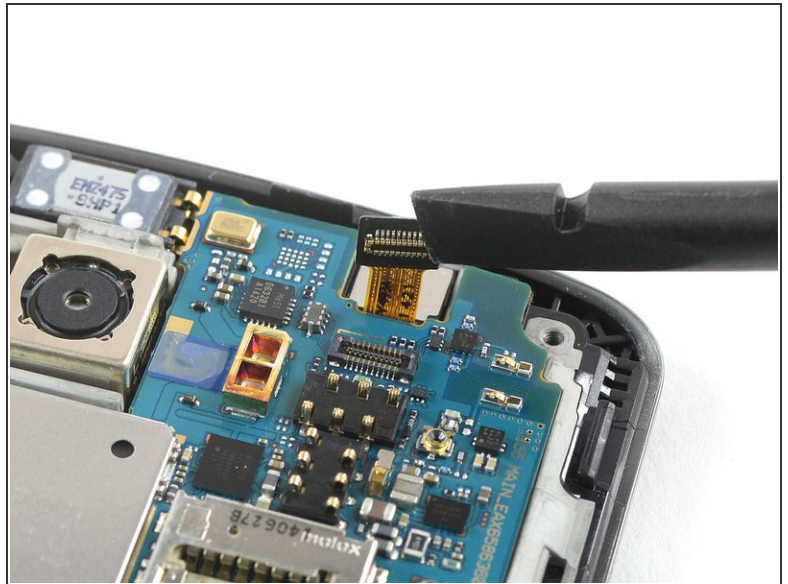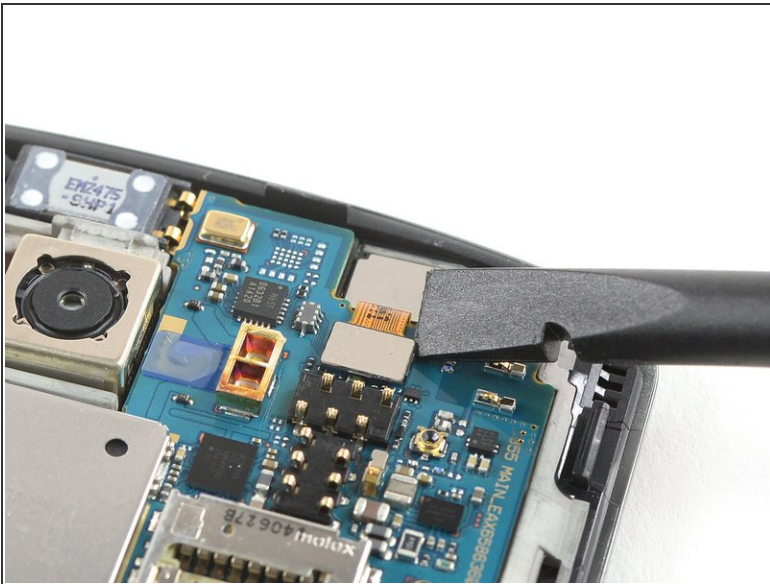

- Use a spudger to pry up and disconnect the digitizer flex cable.

Step 13

- Use a spudger to pry up and disconnect the rear camera flex cable.

Step 14

- Use a spudger to pry up and disconnect the front camera flex cable.

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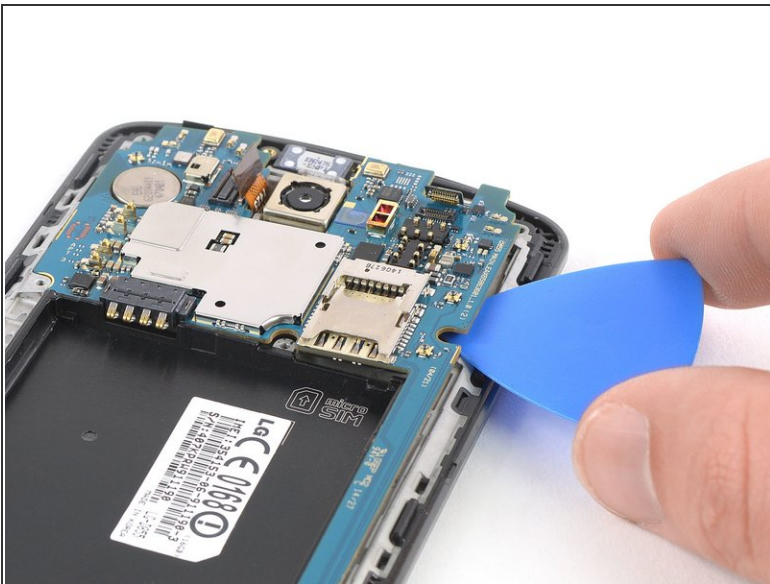
Step 15

⚠ During these next few steps, make sure to avoid damaging the flex cables you disconnected.
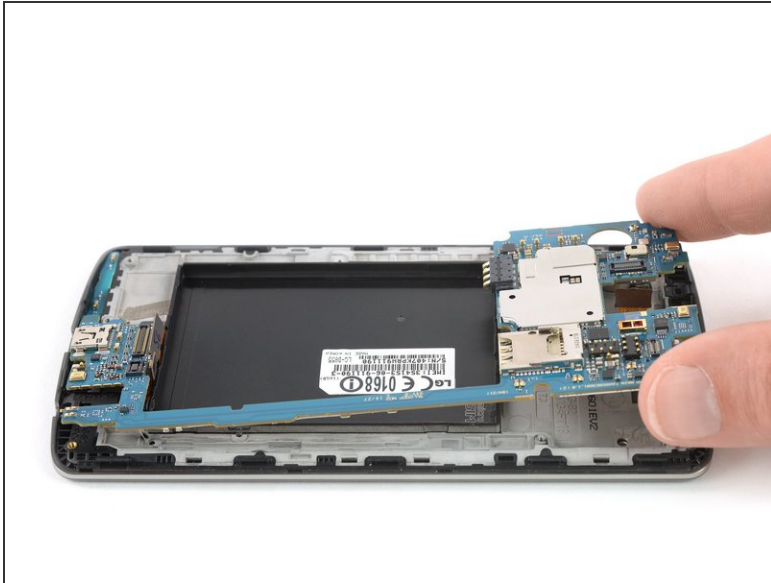
● Slide an opening pick under the bottom right corner of the motherboard and slowly pry it out of its recess by rotating the opening pick sideways.
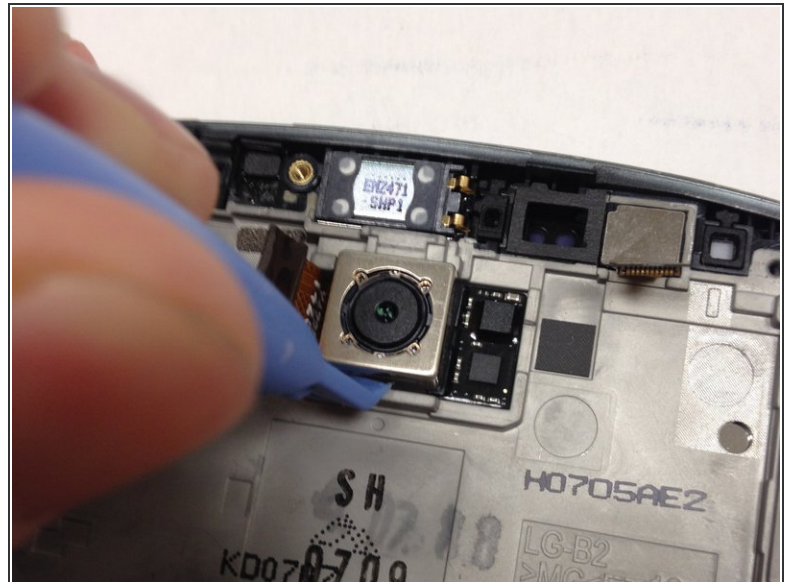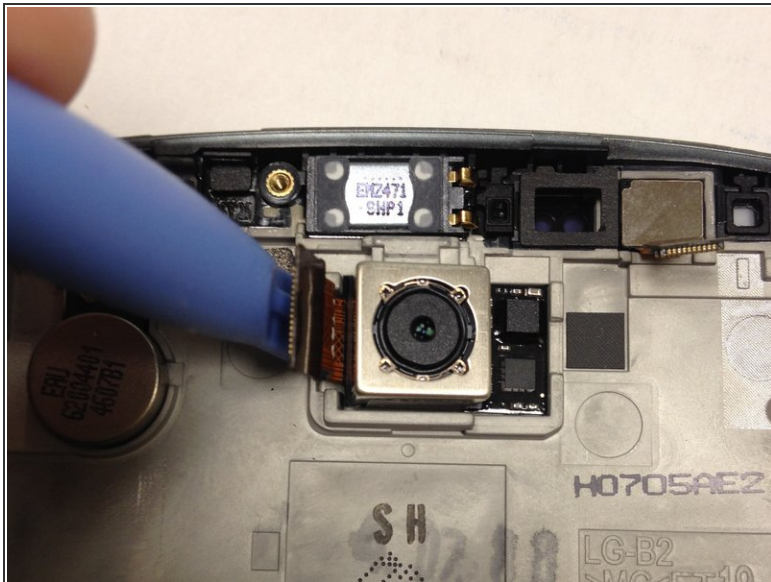
Step 16

● Slide the opening pick under the right edge of the motherboard where the SIM card slot is located and pry it up by rotating the opening pick sideways.

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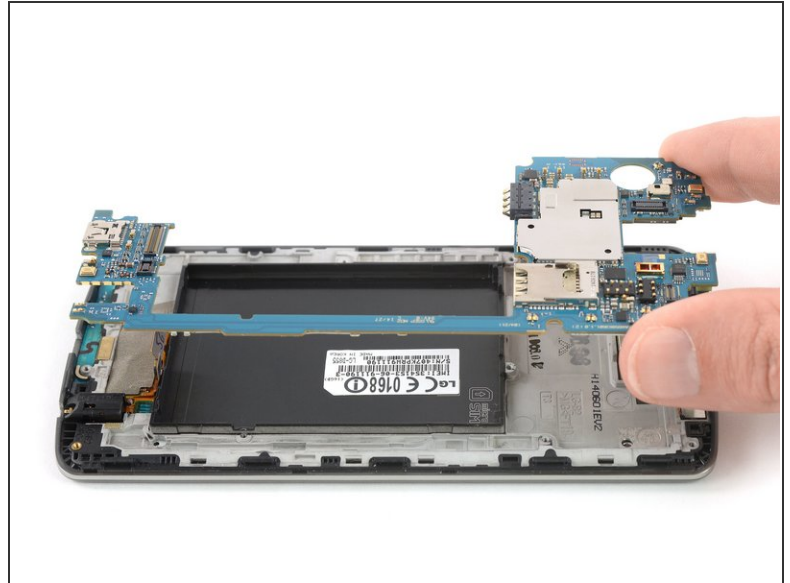
Step 17

- Grab the top section of the motherboard and carefully lift it out of the phone.

Step 18 — Rear Facing Camera

- Take the plastic opening tool and remove the rear-facing camera by wedging it into the sides and lifting up

- ⓘ The rear-facing camera is kept in place with a double-sided tape, so it may take some time and effort to get it out. Attack it from all sides

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Step 19

- Remove the old rear-facing camera

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