



LG G Pad 8.3 Motherboard Replacement

This guide will show you how to replace the motherboard.

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INTRODUCTION

If your tablet isn't working properly, you may need to replace the motherboard. This guide will show you how to replace the motherboard.

TOOLS:

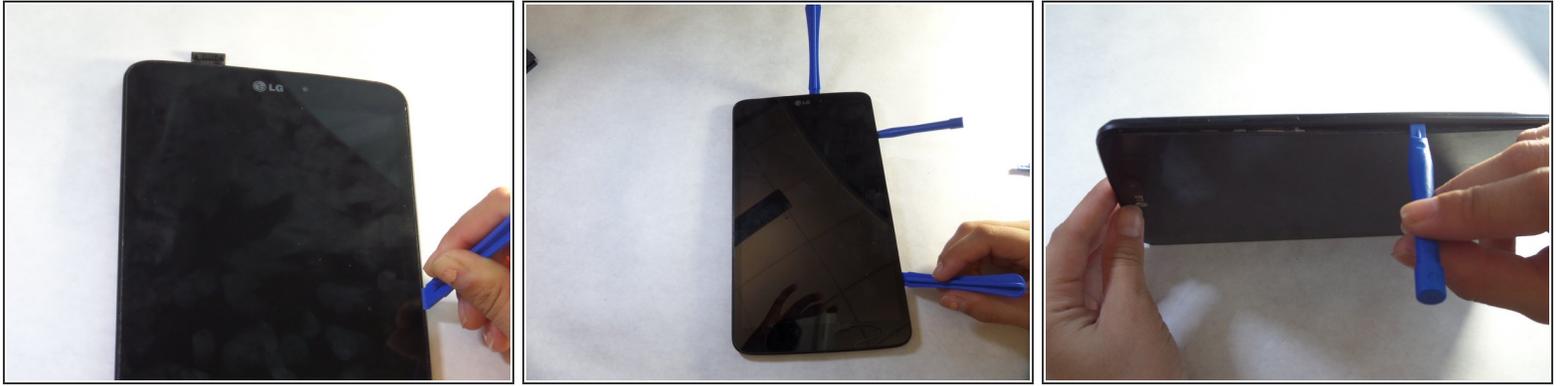
- [Phillips #000 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
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Step 1 — Back Panel



- With the tablet face down, pull the SD card slot cover out.
- Using a Phillips #000 screwdriver, remove the 3mm screw located in the SD card slot.

Step 2



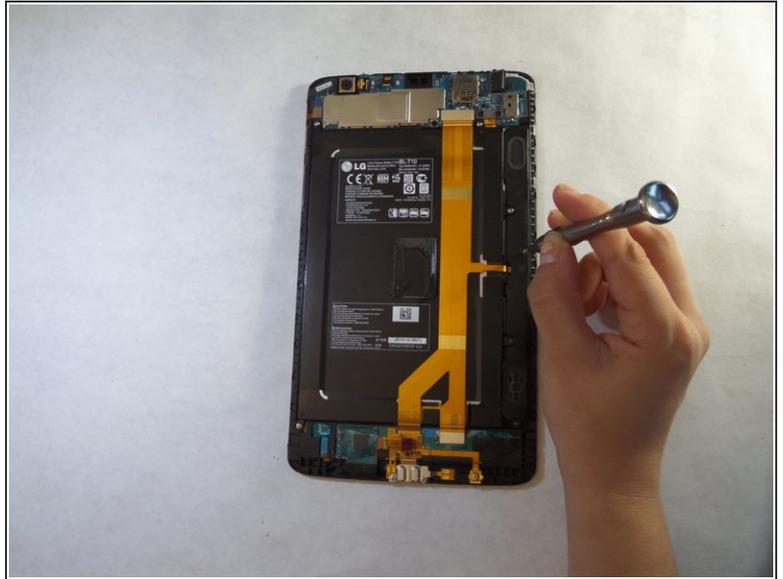
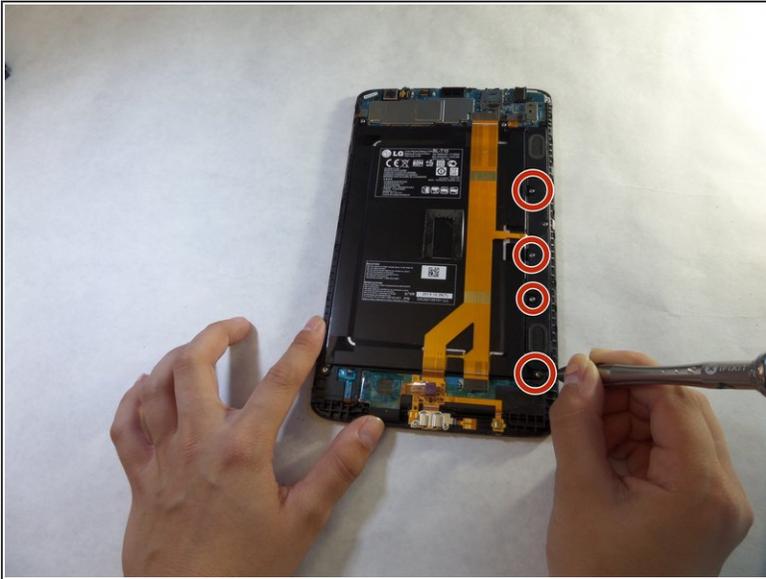
- Insert a plastic opening tool in the small crevasse between the screen and the back panel.
- Pry the screen away from the back panel.
- Repeat this on each edge of the device.
- ⓘ We found it helpful to leave multiple plastic opening tools wedged in the crevasse to prevent it from closing.
- ⓘ This requires heavy force. The back of the device is attached with an adhesive. If the back panel is too hard to remove, use the [iOpener](#).

Step 3



- After using the plastic opening tools, pry the device open with your hands.
- Remove the back panel from the screen.

Step 4 — Speaker



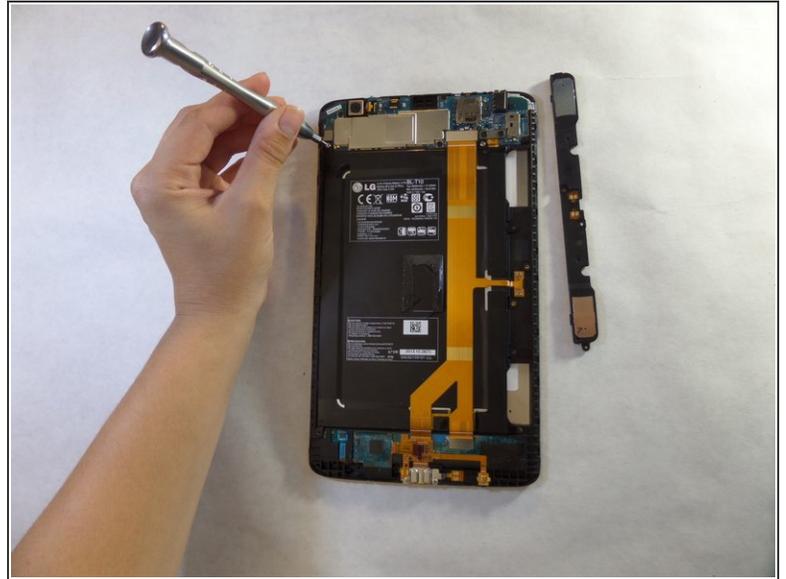
- Remove the four 3 mm Phillips #000 screws that are attached to the speaker.
- ⓘ These screws are very small so make sure to keep track of them. You can use iFixit's [Pro Magnetic Project Mat](#) to help.

Step 5



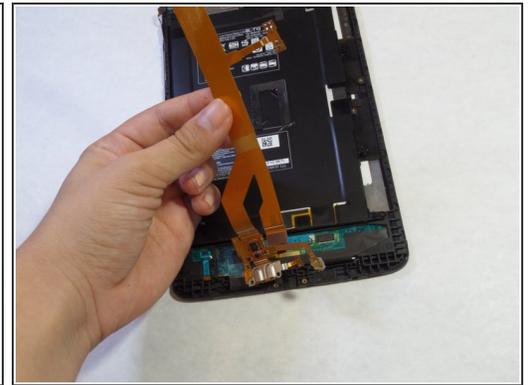
- Use your fingers to remove the speaker.

Step 6 — Battery



- Remove the 3mm Phillips #000 screws from the corners of the battery.

Step 7



- Using a spudger or a plastic opening tool, disconnect the ribbon cable from the right side of the device.

i The cable is attached with an adhesive.

⚠ These images use a metal spudger, which has the potential to damage the device. Use a plastic opening tool or standard spudger instead.

Step 8



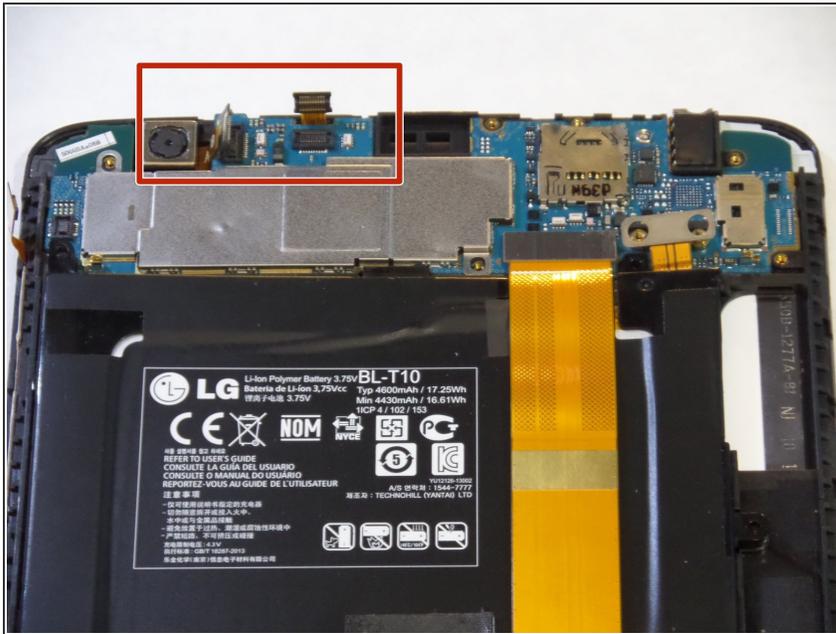
- Using the Phillips #000 screwdriver, remove the two 3mm screws located at the bottom of the ribbon cable.
- Remove the ribbon cable from the device.

Step 9



- Unhook the battery from the top of the device.

Step 10 — Motherboard



- Unhook the small yellow ribbon on top of the motherboard.

Step 11



- Remove all the 3mm silver screws and the 2mm black screws on the motherboard and carefully lift it out of the device.

Step 12



- Use a plastic opening tool to lift the motherboard out of the device.

 These images use a metal spudger, which has the potential to damage the device. Use a plastic opening tool or standard spudger instead.

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