



LG G Pad X 8.0 Motherboard Replacement

A bit more complex but still reasonable replacement guide for the LG G Pad X 8.0 motherboard.

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INTRODUCTION

The motherboard replacement is more time extensive than a simple battery swap but should still be manageable for any novice. Keep track of your screws since they are tiny and easy to lose.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)

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PARTS:

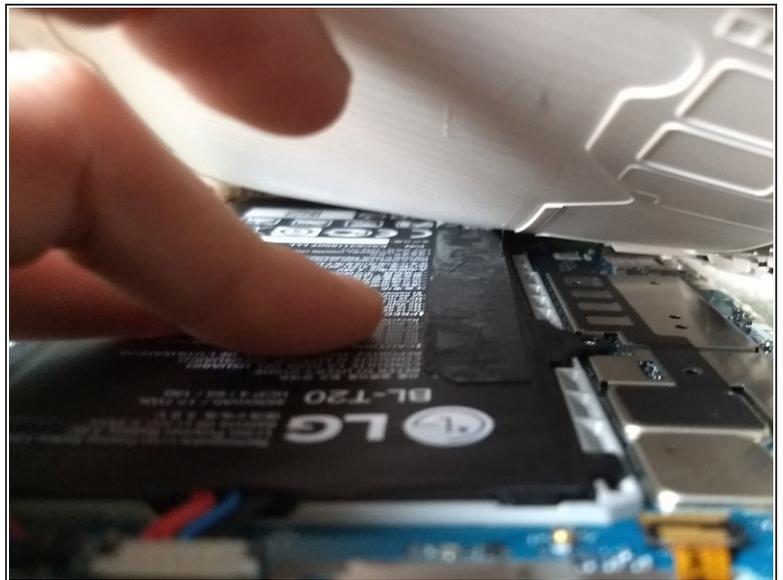
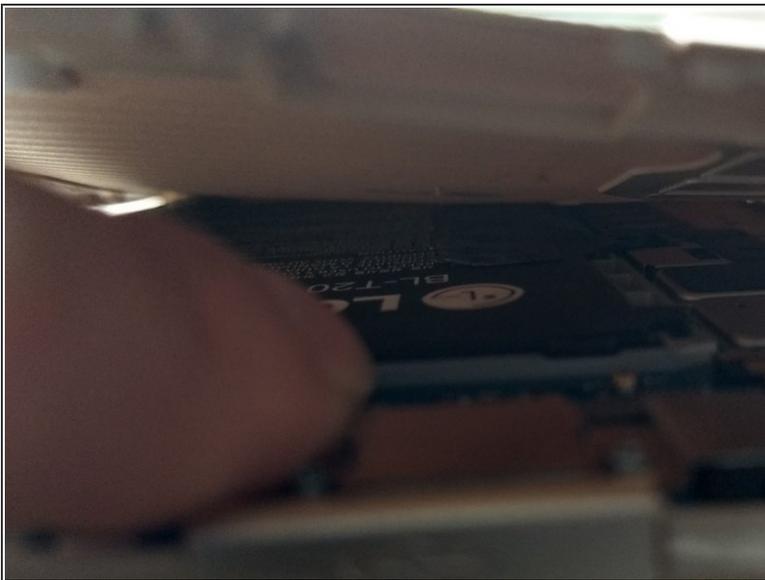
- [LG G Pad X 8.0 Motherboard](#) (1)

Step 1 — Removing Backplate



- Power off the device before starting battery replacement.
- Remove SD card and SIM Card.
- With the opening tool, gently pry the back plate away from the main board. The corners are the easiest spots to start at.

Step 2 — Peeling Back Cover Off



- Gently pull the back cover away from the adhesive on the battery.

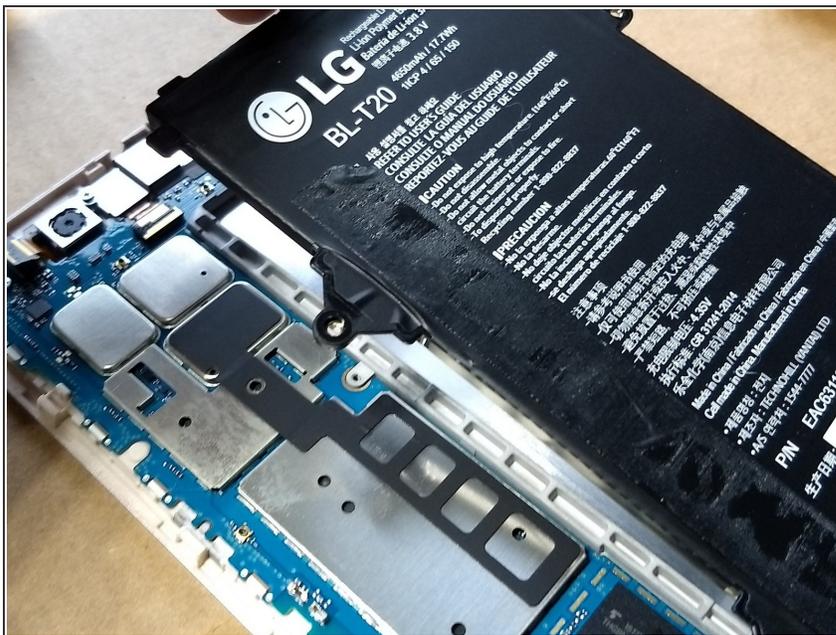
 It may be possible to use a blow dryer on low heat but I'd advise against it unless absolutely necessary.

Step 3 — Detaching Old Battery



- Slowly and gently lift the power cable upwards.
- Unscrew the 4 screws keeping the battery in place, set aside.

Step 4 — Removing the Battery



- Remove the battery by pulling up gently.

Step 5 — Disconnect Cables



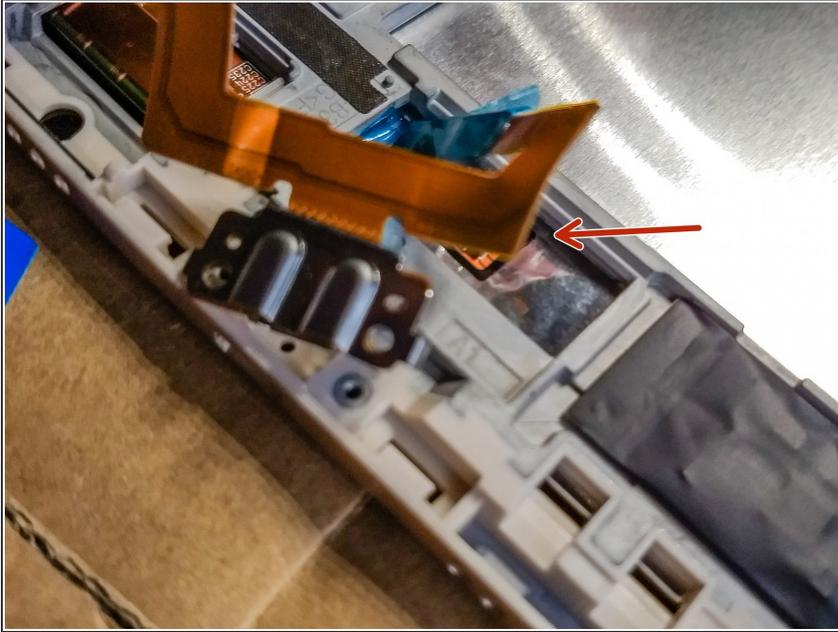
- Pry the connector for the camera up.
- Pry the connector for the USB module up.
- Pry the cable connecting the metal circle.

Step 6 — Remove screws



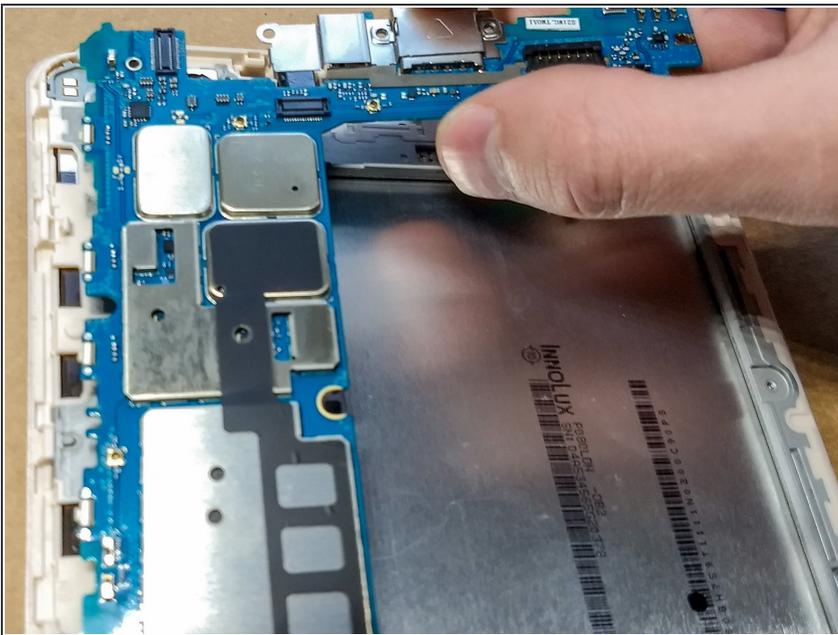
- Unscrew the 3 screws holding the USB module down.
- Unscrew the 2 screws keeping the motherboard in place.
- Finally, the two screws for the micro USB port.

Step 7



- Gently lift up the display connector.
- ⚠ Be careful, too much pressure can cause the digitizer/screen to crack as it is right below the metal.

Step 8 — Removing the Motherboard



- Remove the motherboard by pulling it straight up and away from the tablet body.

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