



Motorola Photon 4G MB855 Motherboard Replacement

How to replace the Motherboard on the Motorola Photon 4G.

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INTRODUCTION

If your phone is malfunctioning and you cannot fix it through other guides, the motherboard may need to be replaced. Use this guide to replace the motherboard.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [T4 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)
- [Metal Spudger](#) (1)

Step 1 — Removing the Back Cover



- Insert a plastic opening tool into the indentation at the bottom of the phone between the front and rear covers.
- Lift the back cover from the bottom and remove it from the phone.

Step 2 — Removing the Battery



- Insert a plastic opening tool, or your finger, into the notch in between the sim card and the battery and lift the battery upward.
- Remove the battery from your phone.

Step 3 — Removing Screw Covers



- Remove all five screw covers with tweezers located in the picture.

Step 4 — Removing the Midframe



- Remove the 10 T4 Torx screws securing the midframe to the display assembly.
- Gently pry the midframe from the display assembly and remove it.

Step 5 — Unclipping Display Data Cable



- Locate the Display Data Cables
- Use hands or plastic opening tool to carefully pry off the connectors.

Step 6 — Removing Motherboard



⚠ Be careful when removing motherboard. Earpiece is connected with small wires and adhesive. Use thin metal tool to pry off before removing motherboard.

- Use a plastic opening tool to gently pry off each section of the Motherboard.
- Use hands to slowly and carefully remove the motherboard from the front panel assembly.

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