Motorola Moto G4 Plus Battery Replacement

Replace your dying battery to bring the power back to your Motorola Moto G4 Plus.

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INTRODUCTION

Follow this guide to replace the Moto G4 plus's rechargeable battery. If your battery is swollen, take appropriate precautions.

For your safety, discharge your existing battery below 25% before disassembling your phone. This reduces the risk of a dangerous thermal event if the battery is accidentally damaged during the repair.
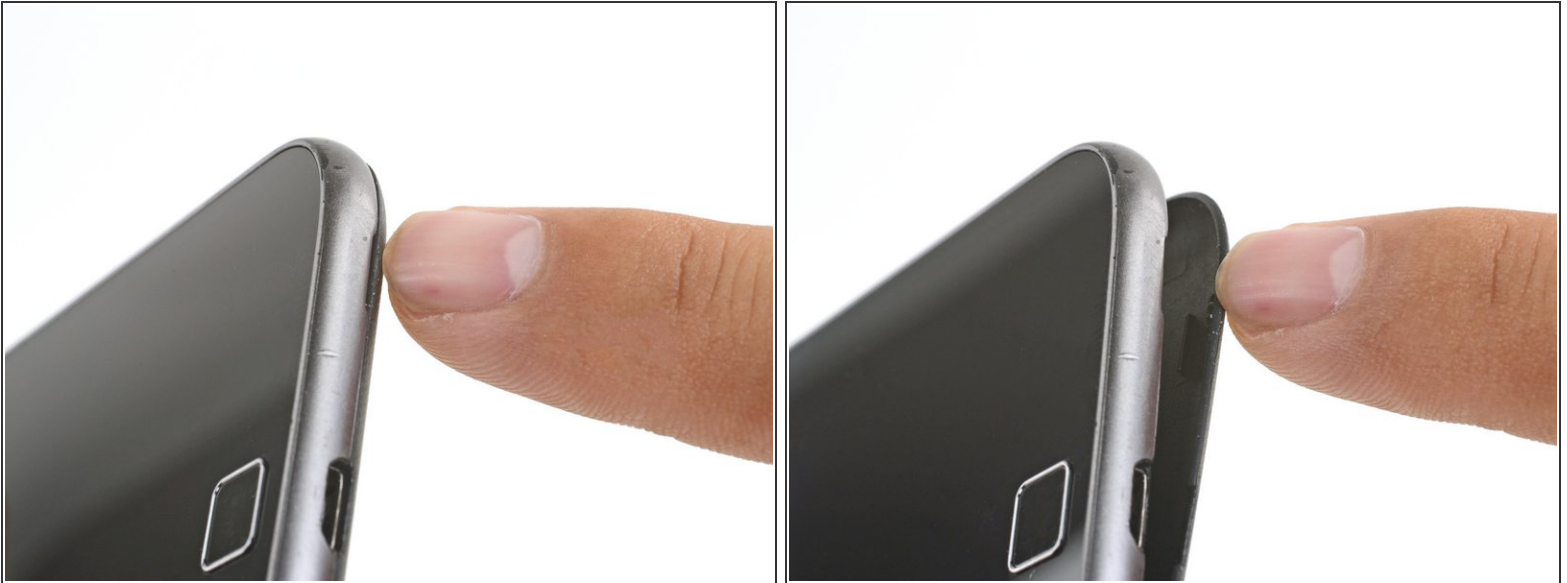
TOOLS:

- Spudger (1)
- Tweezers (1)
- T3 Torx Screwdriver (1)

PARTS:

- Motorola Moto G4/G4 Plus Replacement Battery (1)

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Step 1 — SIM Card

- Insert a fingernail or a spudger into the notch on bottom edge of the phone near the charging port.

- Pry the back cover away from the body of the phone.

Step 2

- Continue to gently lift the back cover until all plastic clips have been released.

- Remove the back cover.

- 📌 To reinstall the back cover, align the cover over the body and gently press all around the edges until you feel the clips snap into place.

Step 3

- Slide out and remove the SIM card.

Step 4 — Battery

- Remove the nineteen 3.1 mm T3 screws securing the midframe.

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Step 5

- Use the point of a spudger to pry up the rubber cover over the camera flash connector.

- Remove the rubber cover.

Step 6

- Use the point of a spudger to pry up and disconnect the camera flash connector.

Step 7

- Loosen the midframe along the edges and lift it away from the body.
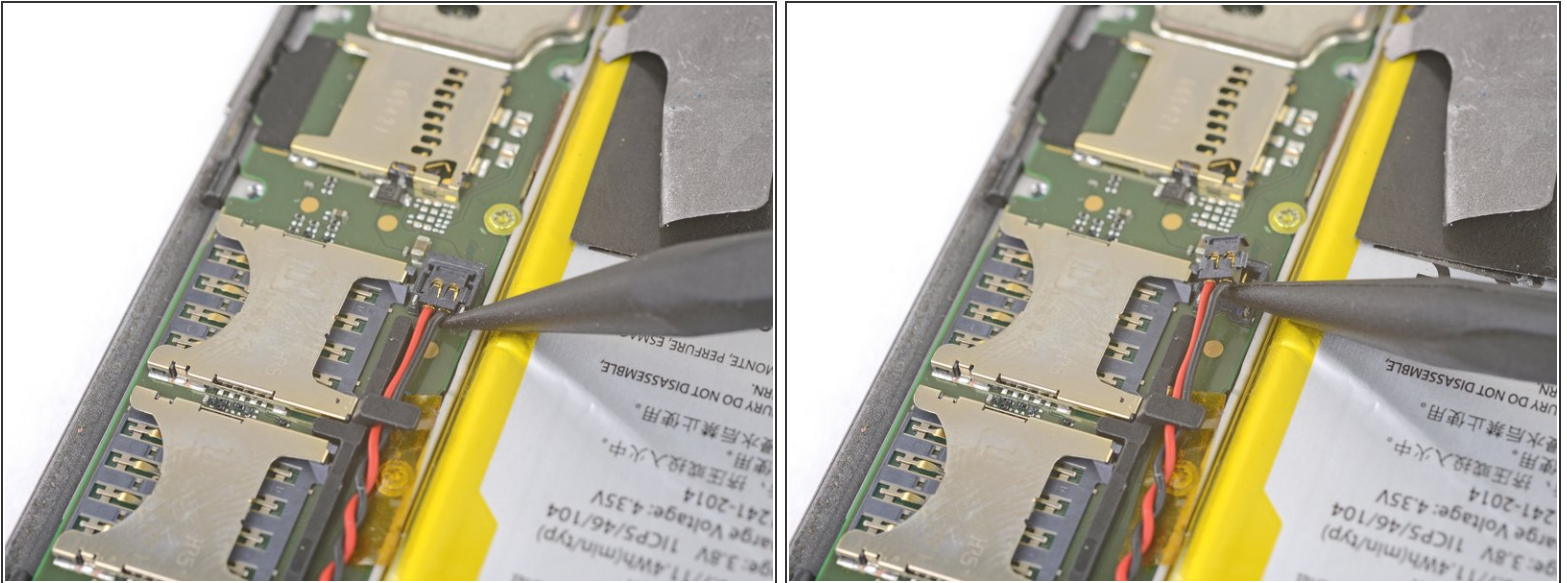
- Remove the midframe.

Step 8

⚠ Be very careful not to puncture the battery with any sharp tools. A damaged lithium-ion battery can catch fire and/or explode.

● Peel up and remove the tape securing the battery wires.

● Peel up and remove the black tape that bridges the battery and the phone.

📌 While neither tape pieces are necessary for the operation of the phone, save them if they are in good condition for the reinstallation process.
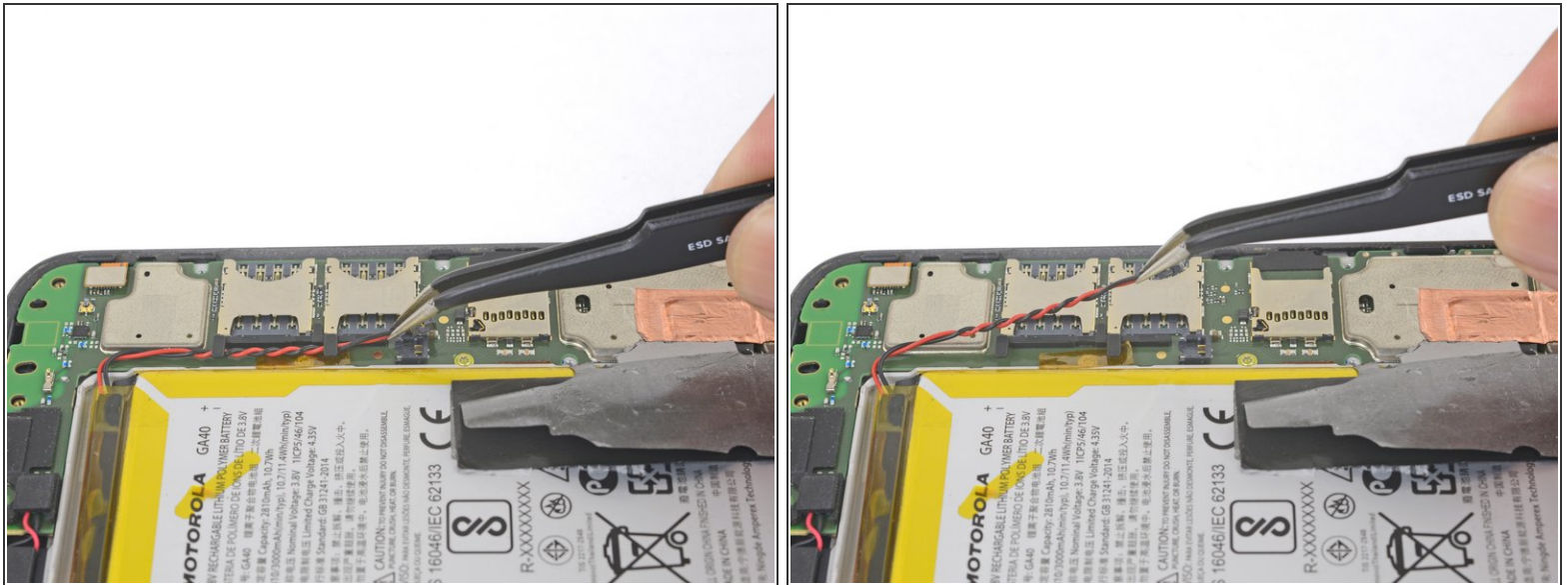
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Step 9

- Slip the point of a spudger underneath the red and black battery wires and gently **pry straight up**.

⚠️ **Do not pull** the plug out, or you will tear the board socket out. Be careful where you pry. Do not pry against the board socket.

📌 During reassembly, align the connector in its socket, then press straight down to reconnect it.

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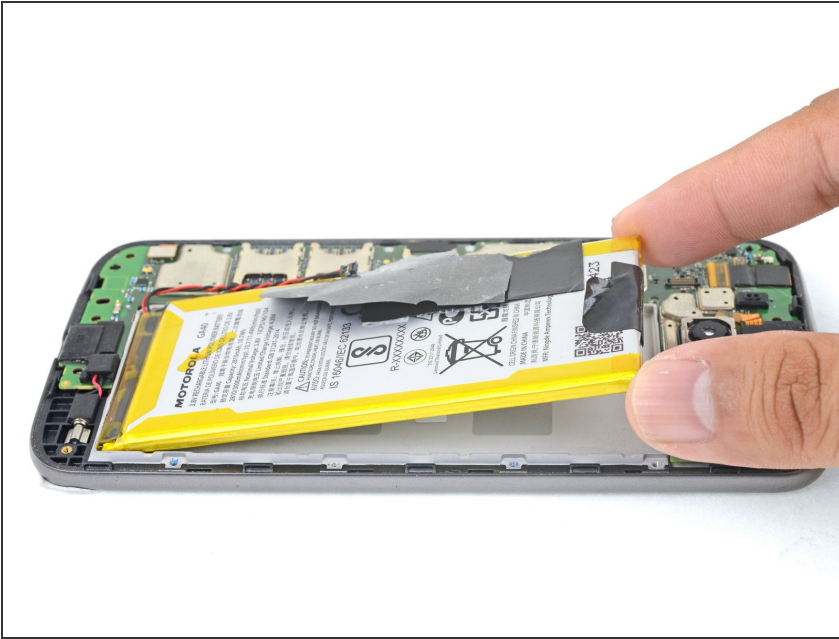
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Step 10

- Use tweezers or your fingers to de-route the battery wires from the plastic brackets.

Step 11

- Peel the black pull tab from battery and pull slowly but firmly to separate the battery from the frame.

  - (i) A few drops of high concentration (90% or higher) isopropyl alcohol along each side may help soften the adhesive.

  - (i) If the pull tab breaks, use a spudger to gently pry around the edges of the battery until it comes loose.

- ⚠ Don't deform or puncture the battery—it can catch fire and/or explode if damaged.

- ⚠ Never reinstall a damaged or deformed battery. Replace the battery.

Step 12

- ● Remove the battery.

- 📌 To install a battery, orient the new battery such that the wires exit near the bottom of the phone, and the battery connector is on the motherboard side.

- 📌 Clean off any adhesive residue which may prevent the battery from sitting flush against the frame. Use a few strips of adhesive included in the battery kit or some double-sided tape to secure the battery to the frame.

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

After completing this guide, calibrate your newly-installed battery.

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

Repair didn't go as planned? Check out our Motorola Moto G4 Plus Answers community for troubleshooting help.

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