



Motorola Moto G3 Battery Replacement

When the battery is not working properly or as the battery life drains too easily, this guide will show how to replace the battery altogether.

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INTRODUCTION

[Click here for an updated version of this guide.](#) The version you are viewing is retained for historical purposes.

If your battery is swollen, [take appropriate precautions](#).

TOOLS:

- [iFixit Opening Tools](#) (3)
 - [iFixit iOpener](#) (1)
 - [Precision Tweezers Set](#) (1)
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Step 1 — Prerequisite Guide



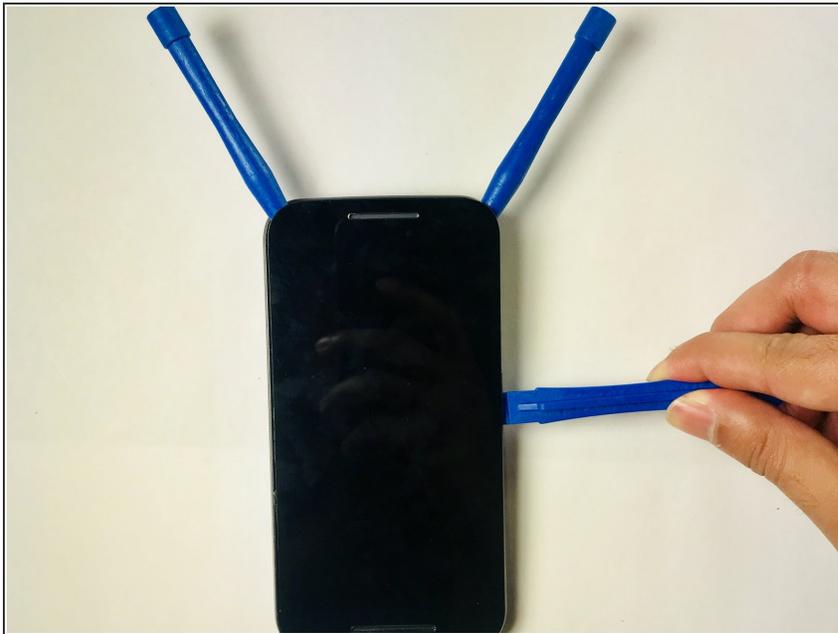
- Use the plastic opening tool to open the back cover as shown in the photo.

Step 2



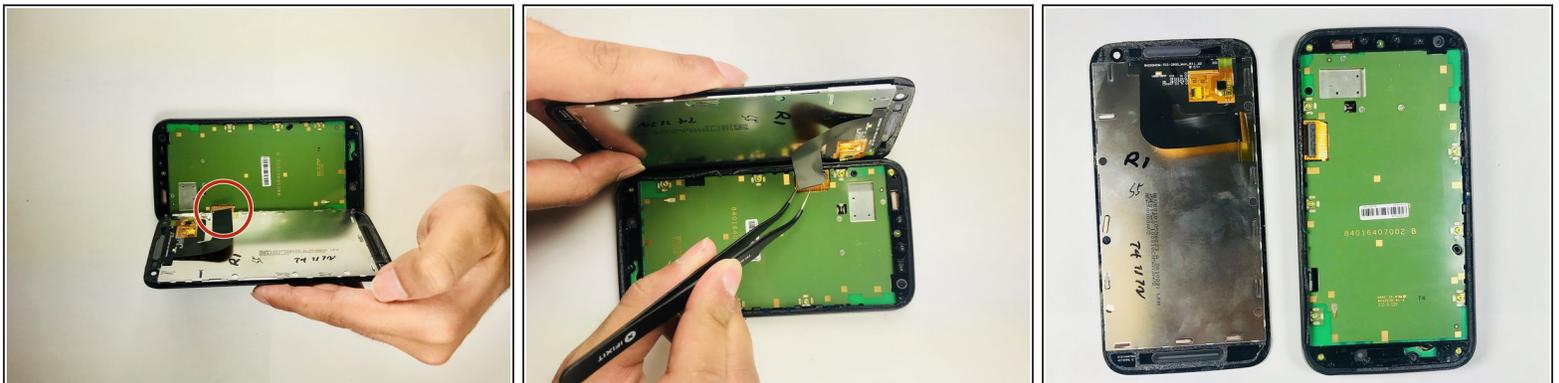
- Heat an iOpener in the microwave for 30 seconds.
- Place the heated iOpener on all four edges of the screen for approximately 2 minutes.

Step 3



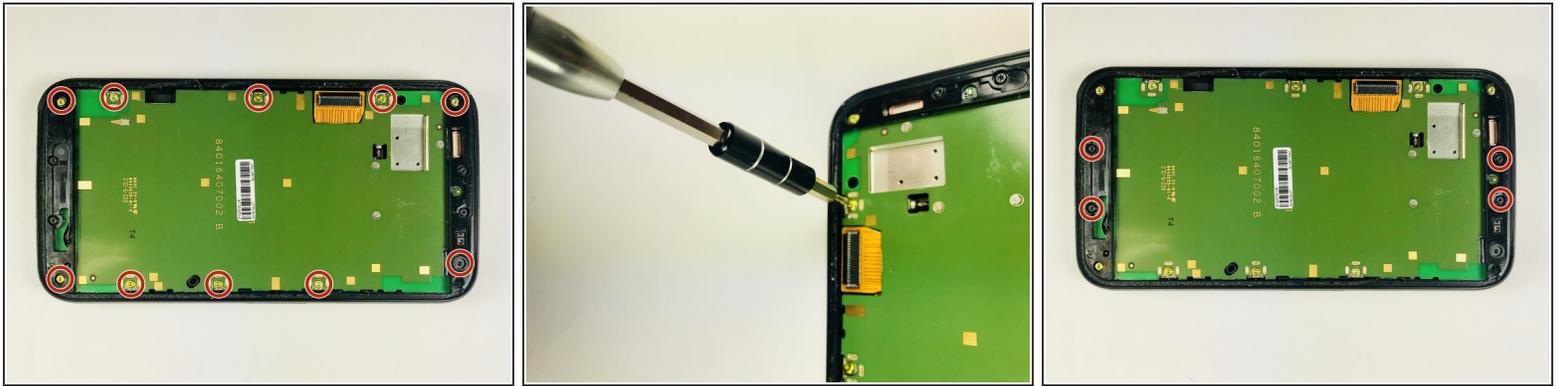
- Apply the plastic opening tool on the edge of the screen near the front camera.
- After creating enough space, allow the opening tool to be inserted on the side of the phone.
- Create another space on the other side of the screen.
- Leave the opening tool inserted.
- Carefully apply the larger plastic opening tool by sliding it through the longer edge of the screen.

Step 4



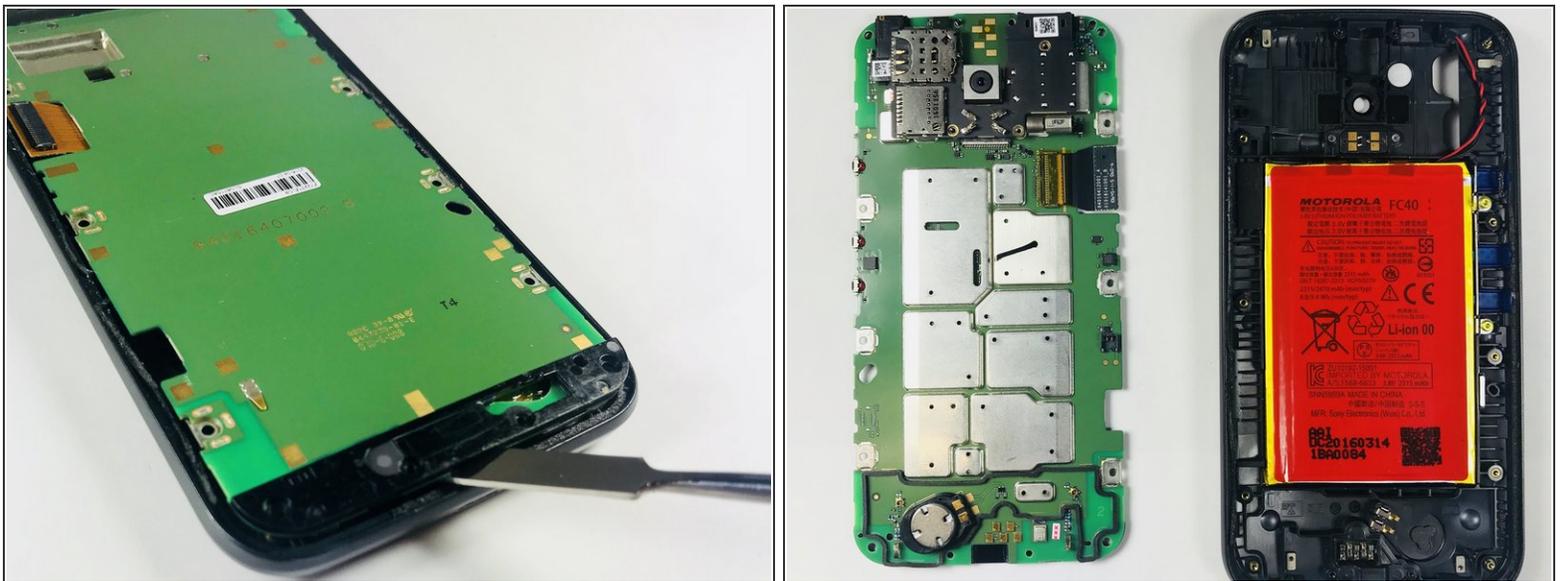
- A strip will be attached to the motherboard as shown.
- Using tweezers, carefully detach the strip from the motherboard.

Step 5 — Battery



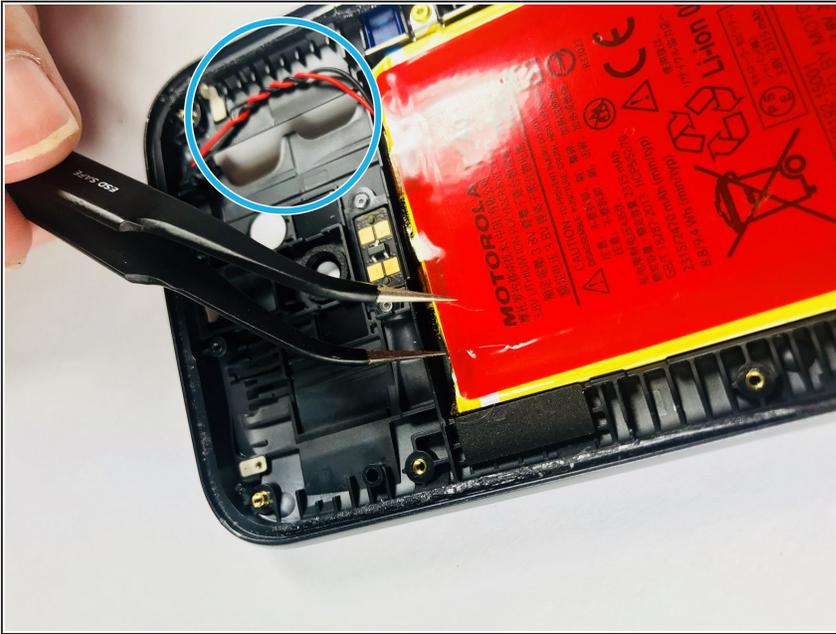
- With a T4 screwdriver, remove the 10 "yellow" 2mm screws and 4 "black" 2mm screws.

Step 6



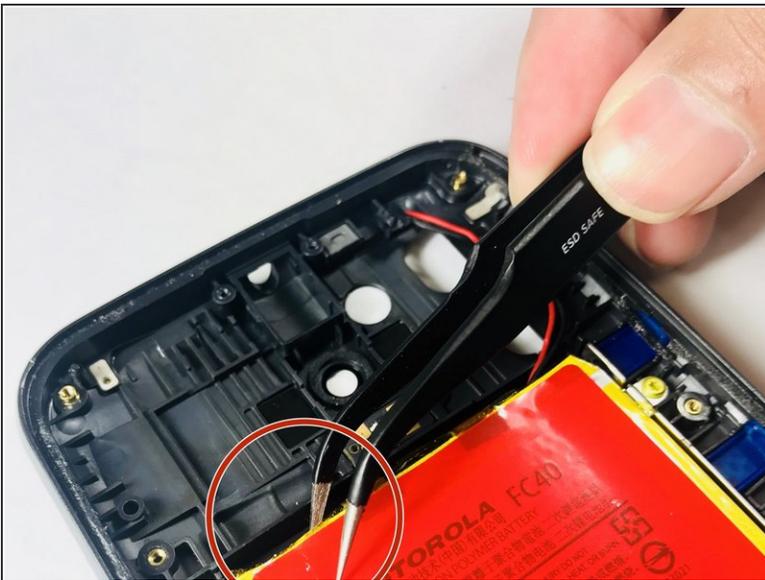
- Use the metal spudger and lift the back cover on the bottom side of the phone (this is attached to the motherboard).

Step 7



- Remove the red and black battery cable from its port using tweezers.

Step 8



- Use the same tweezers to remove the red battery from where it is placed.

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