



Motorola Moto G7 Plus Battery Removal

The Motorola Moto G7 Plus (model XT1965)...

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INTRODUCTION

The Motorola Moto G7 Plus (model XT1965) features a 3000 mAh Li-Ion battery. If a user has had the phone for a long time, the phone will lose its charge at a much faster rate than when it was new and the battery may need to be replaced. If [troubleshooting](#) doesn't work, use this guide to remove the battery from the Motorola Moto G7 Plus. This guide shows you how to remove the battery with a prerequisite for taking out the screen. Before beginning the repair, make sure the device is turned off, disconnected from any external power sources and discharged to 25% of the device's battery life for safety. Gather the suggested tools listed below and a new Motorola Moto G7 Plus battery. Heating is optional, but makes adhesive removal easier.

Before you begin, download the [Rescue and Smart Assistant](#) app to backup your device and diagnose whether your problem is software or hardware related.



TOOLS:

[iFixit Opening Picks \(Set of 6\)](#) (1)

[T5 Torx Screwdriver](#) (1)

[Spudger](#) (1)

[Halberd Spudger](#) (1)

[Heat Gun](#) (1)

(optional)

[iOpener](#) (1)

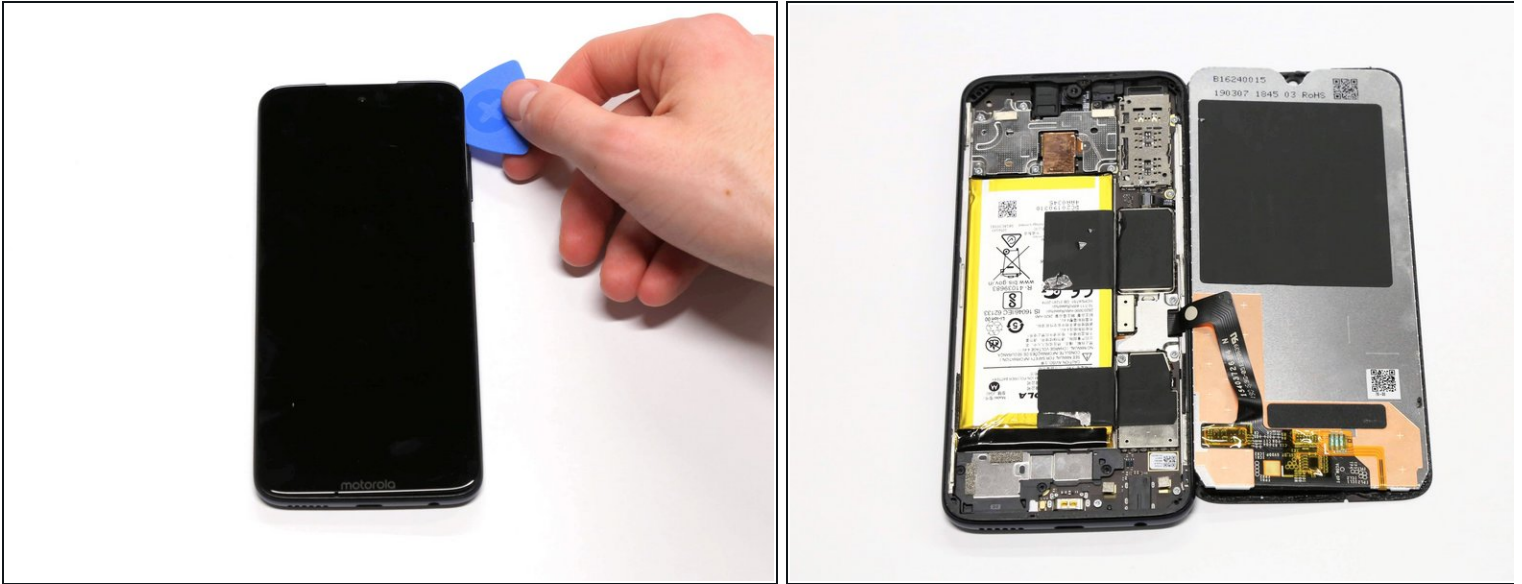
(optional)



PARTS:

[Moto G7 Plus Battery - Genuine](#) (1)

Step 1 — Remove the Screen

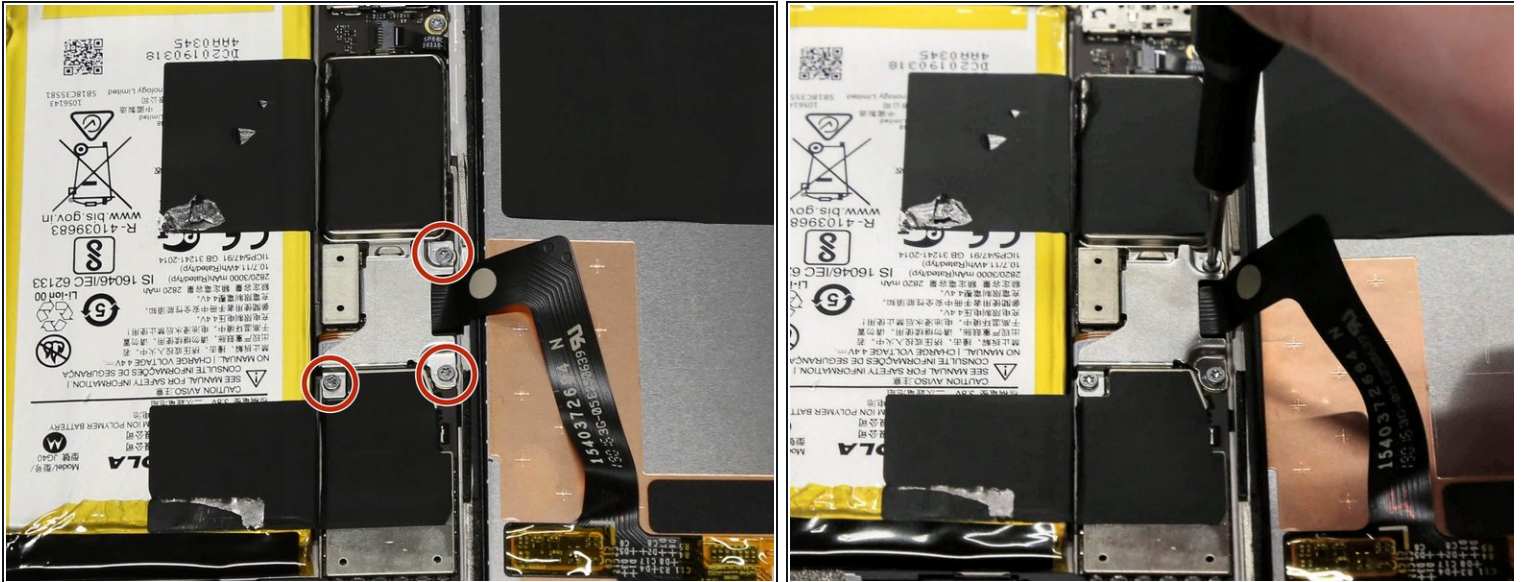


- Insert an opening tool pick under the screen, starting at the top of the phone.
- Slide the pick around the entire perimeter of the display to break the adhesive.

⚠ There is a cable on the right side of the phone (the side with the volume buttons), which connects the screen to the rest of the phone. Be careful not to damage this cable.

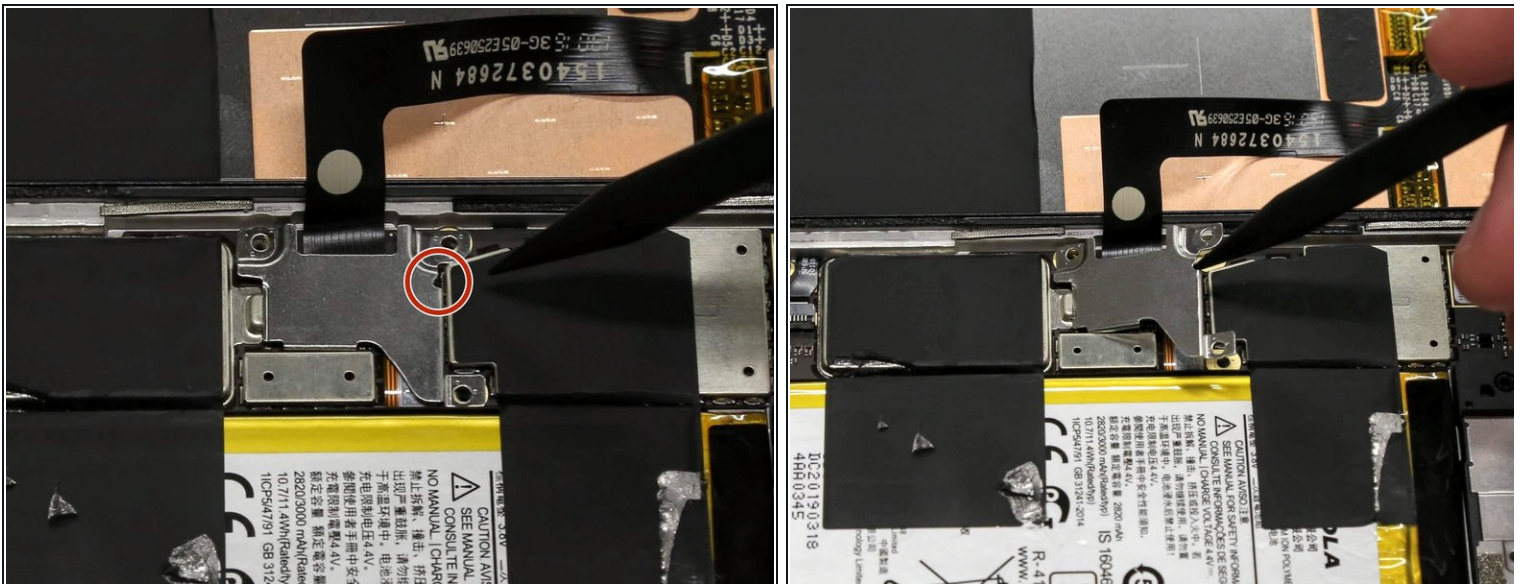
- Once enough adhesive has been removed, you should be able to separate the screen by gently lifting it from the left side of the phone.
- ⓘ While not necessary, applying a gentle heat to the edges of the display with a heat gun or iOpener will weaken the adhesive.

Step 2 — Remove the Display Cable Cover



- Remove the three 2.7 mm screws that surround the base of the display cable using the Torx T5 screwdriver.
- Gently remove the metal piece that covers the base of the display cable.

Step 3



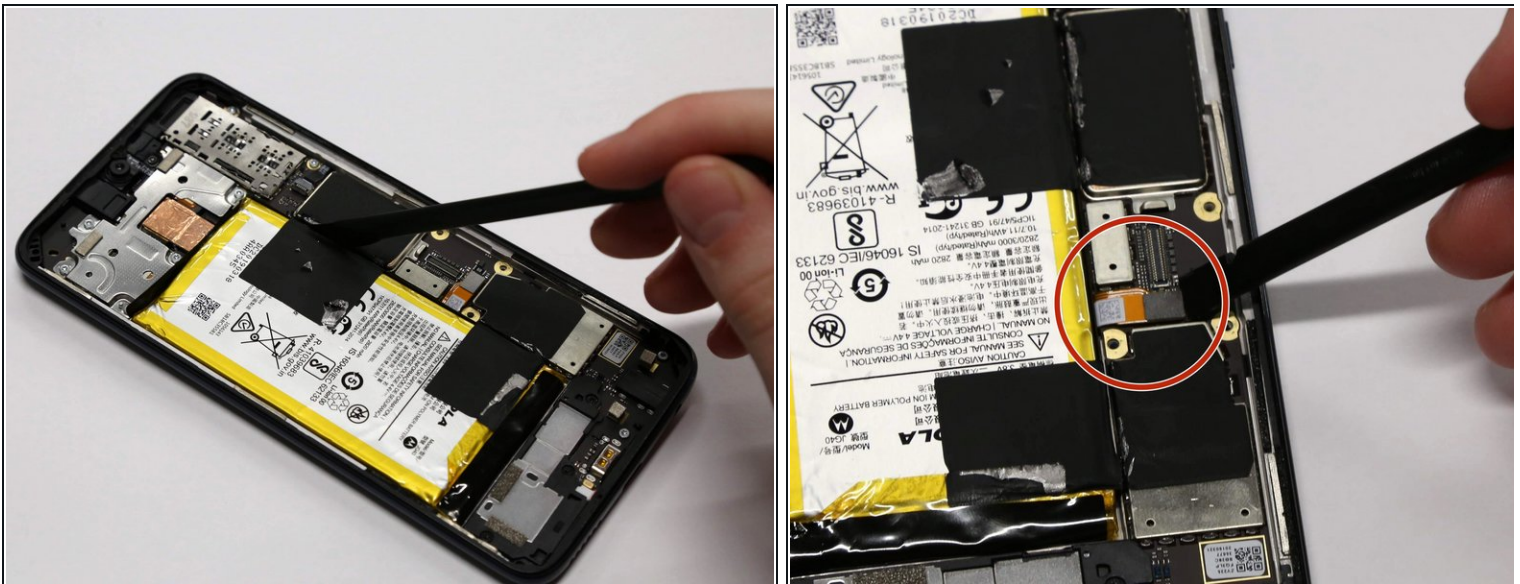
- Use the pointed end of the spudger to lift the metal casing where circled.

Step 4 — Separate the Display From the Phone



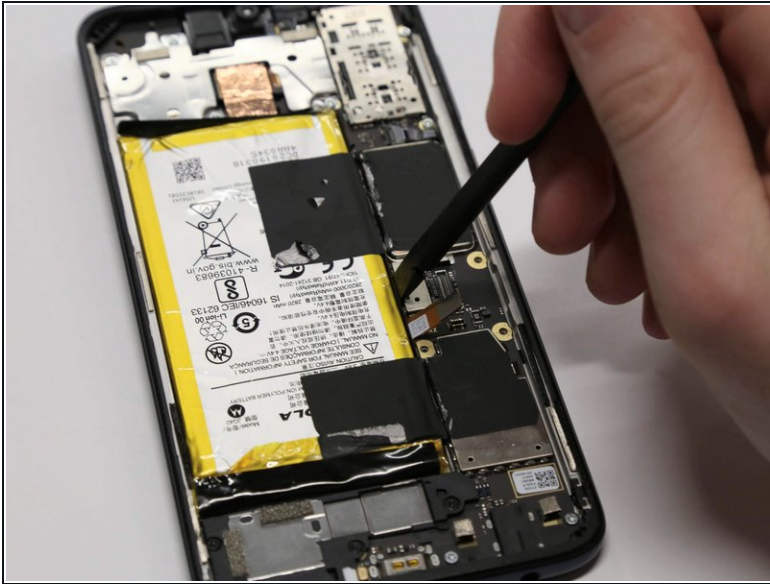
- Underneath this metal piece is the base of the cable. Use a spudger to vertically lift the connection out of its port.

Step 5 — Cut the Black Tape and the Connector Before Removal



- Use the blade end of a Halberd Spudger to cut through the two strips of black tape attached to the battery.
- Use the flat end of a spudger to disconnect the battery from the phone.

Step 6 — Remove the Battery



- Take the battery out with the flat end of the spudger.

⚠ Handling batteries can be dangerous. Be very careful not to puncture the battery, as there are dangerous chemicals inside. Physical damage to the battery can cause it to burst into flame and release toxic smoke.

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