



Motorola Moto X 2nd Generation Battery Replacement

Written By: Sophia



INTRODUCTION

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



TOOLS:

- [T4 Torx Screwdriver](#) (1)
- [Spudger](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [SIM Card Eject Tool](#) (1)



PARTS:

- [Motorola Moto X \(2nd Gen\) Replacement Battery](#) (1)
- [Moto X2 back cover adhesive sticker](#) (1)

Step 1 — Battery



- Remove SIM card tray.

Step 2



- Insert a SIM eject tool into the SIM tray slot, and through a [small hole](#) in the mid frame.
- Push the SIM eject tool through the hole and against the back cover to lift the cover slightly.
- Insert an opening pick into the gap created with the SIM eject tool, and slide the pick around the edge of the cover to cut the cover's adhesive.
- ⚠ Cut carefully near the volume buttons, to avoid damaging the delicate [ribbon cables](#) in that area under the cover.
- Remove back cover.

Step 3



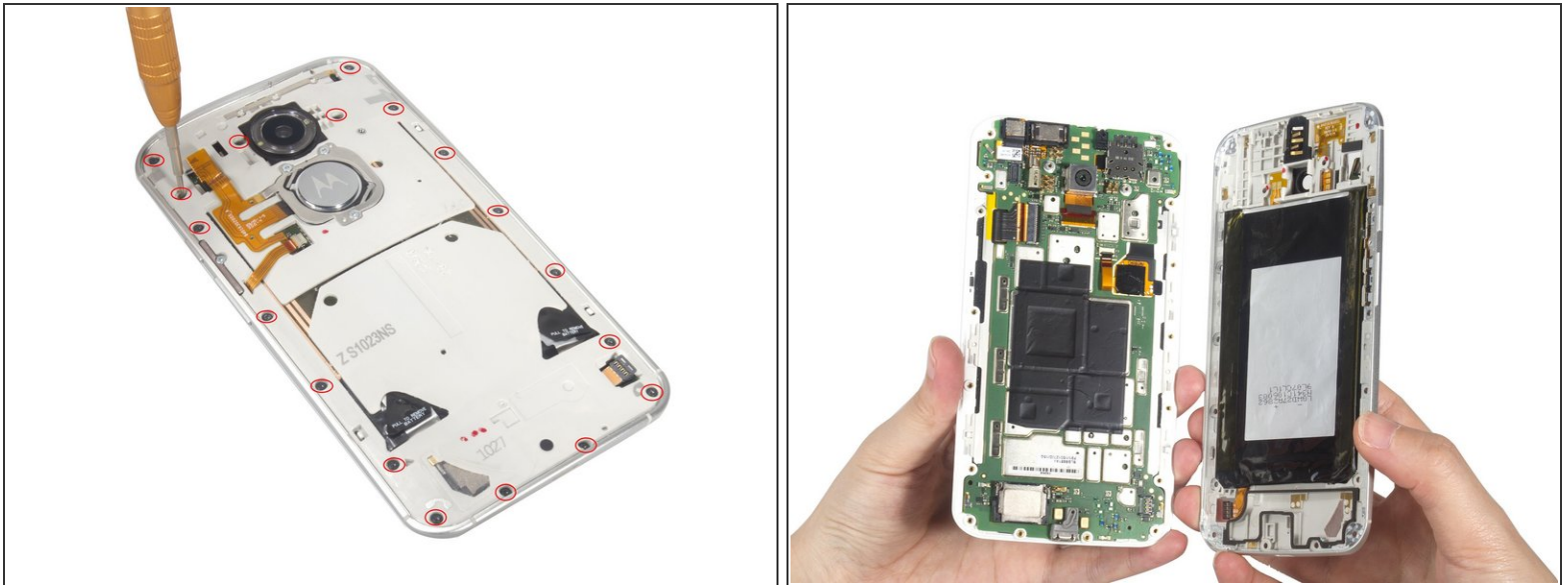
- Remove those two pieces rubber cover.

Step 4



- Release the connectors under the covers.

Step 5



- Twist off the screws and remove the middle housing from front assembly.

Step 6



- Remove the logo because the flex cable under the logo is stuck on the back of the battery. We have to loosen it.

Step 7



- Use the flat end of a spudger to gently pry up the ribbon cable in two places where it is adhered to the battery.


Step 8



- Lift one of the two battery adhesive tabs and pull firmly and steadily toward the bottom edge of the phone, until the adhesive strip slides all the way out from between the battery and the phone.
- Repeat for the other adhesive tab.
- Remove the battery.

Step 9



 If the adhesive strips do not fully come out you will need to pry it out from the other side, but be VERY careful as the NFC coil is under the battery and can be ripped easily.

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

After completing this guide, [calibrate your newly-installed battery](#).