



# Motorola Moto E4 Plus Power and Volume Buttons Replacement

Use this guide to remove the power and volume...

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# INTRODUCTION

Use this guide to remove the power and volume buttons in the Motorola Moto E4 Plus (XT1771).

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

Before disassembling your phone, discharge the battery below 25%. [If your battery is swollen](#), do not heat your phone. Swollen batteries can be very dangerous, so wear eye protection and exercise due caution, or take it to a professional if you're not sure how to proceed.

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## TOOLS:

[Spudger](#) (1)

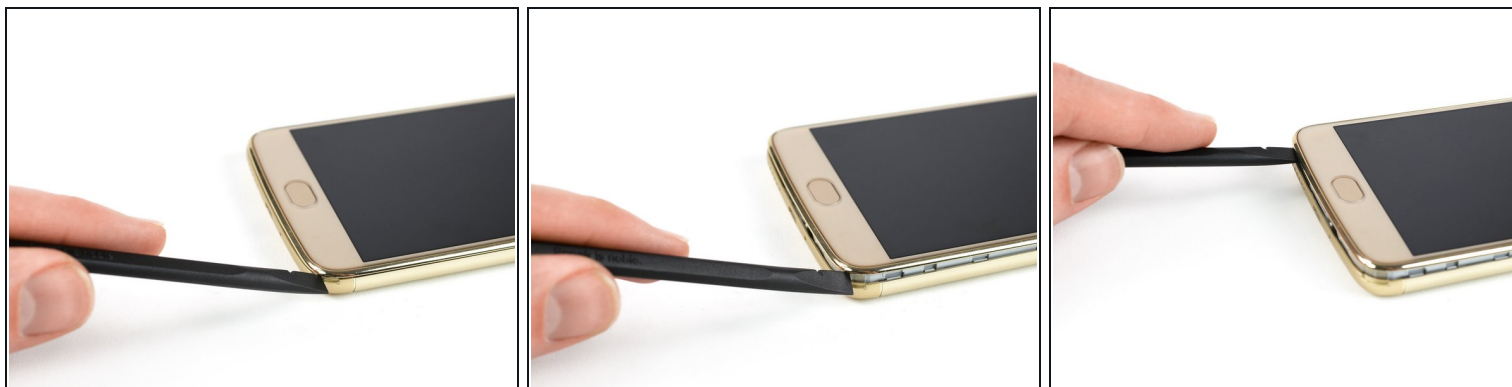
[iFixit Opening Picks \(Set of 6\)](#) (1)

[Phillips #00 Screwdriver](#) (1)

[Tweezers](#) (1)

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## Step 1 — Remove the back cover



 Power off your phone before beginning disassembly.

- Insert the edge of the spudger into the notch on the bottom right corner of the phone.
- Twist the spudger to start releasing the back cover from the phone.
- Slide the spudger along the bottom edge to separate the back cover from the phone.

## Step 2



- Lift the phone unit out of the back cover.

## Step 3 — Midframe



- Remove the eighteen 3.3 mm Phillips screws securing the midframe assembly.

## Step 4



- Remove the charging board cover.

## Step 5



- Remove the battery cover.

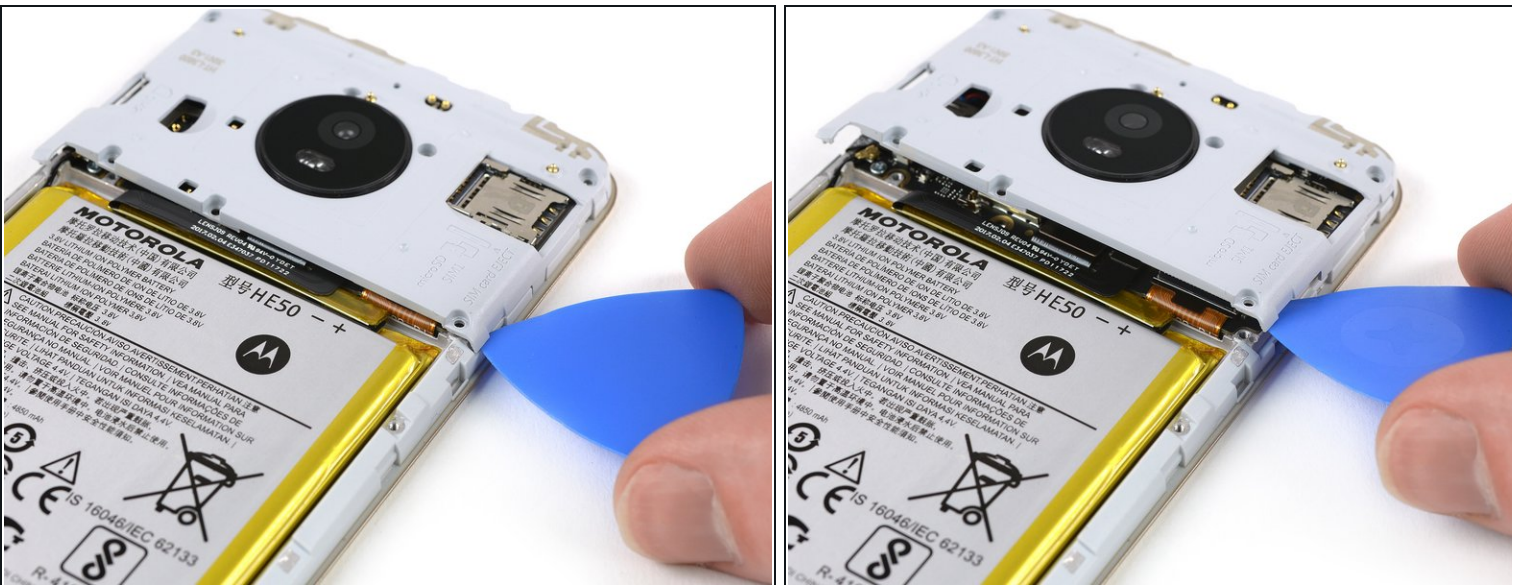


## Step 6



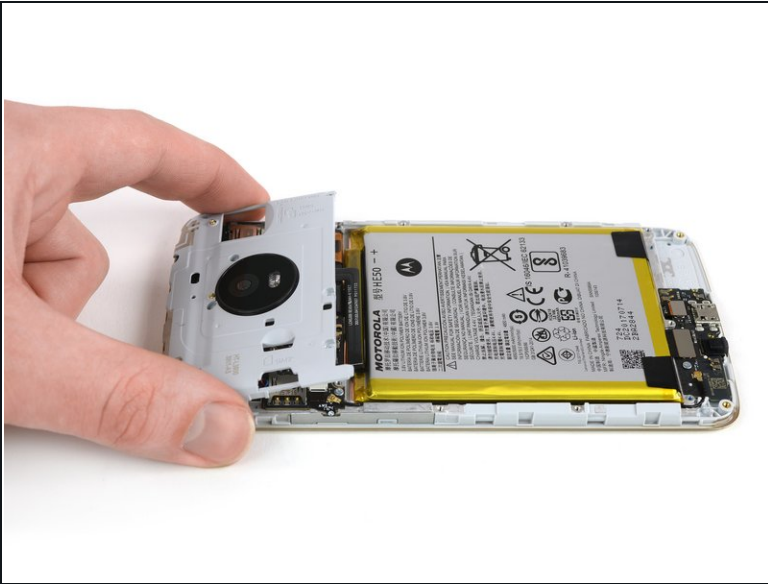
- Insert an opening pick underneath the bottom left corner of the motherboard cover.
- Slide the opening pick between the cover and the second SIM tray to release the plastic clip.

## Step 7



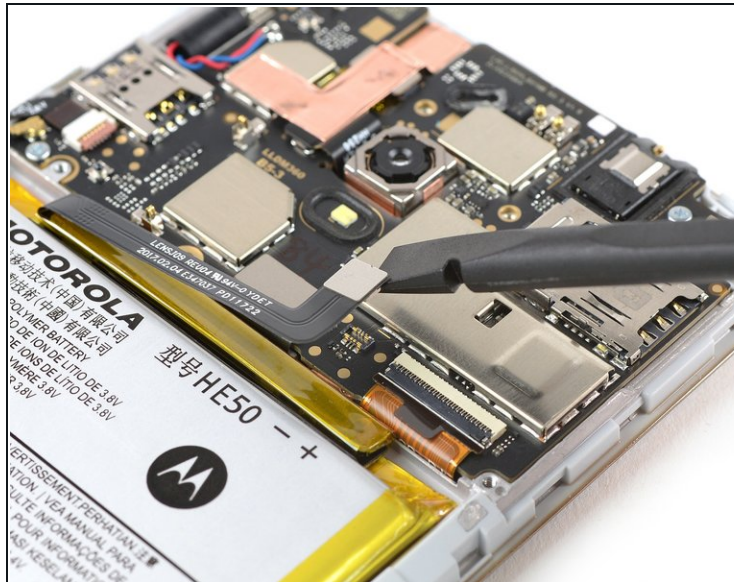
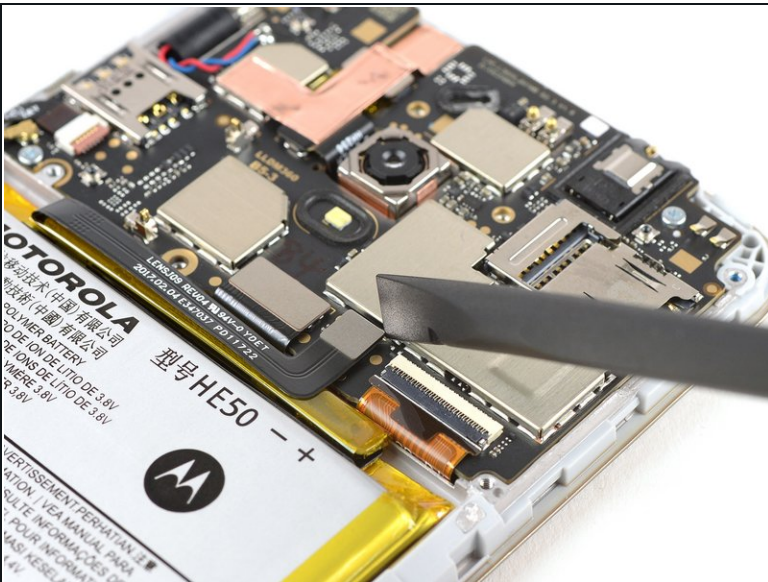
- Insert an opening pick underneath the bottom right corner of the motherboard cover.
- Use the opening pick to pry up the motherboard cover.

## Step 8



- Remove the motherboard cover.

## Step 9 — Battery Disconnect



- Use the edge of a spudger to pry up and disconnect the battery flex cable from the motherboard.



## Step 10 — Power & Volume Button



- Use the edge of a spudger to open the lever of the ZIF connector.
- Use a pair of tweezers to pull the power and volume button flex cable out of the ZIF connector.

## Step 11



- Use a pair of tweezers to gently peel the power and volume button unit out of its thin recess in the side of the frame.
- Remove the power and volume button unit.

If possible, turn on your phone and test your repair before reassembling the device.

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