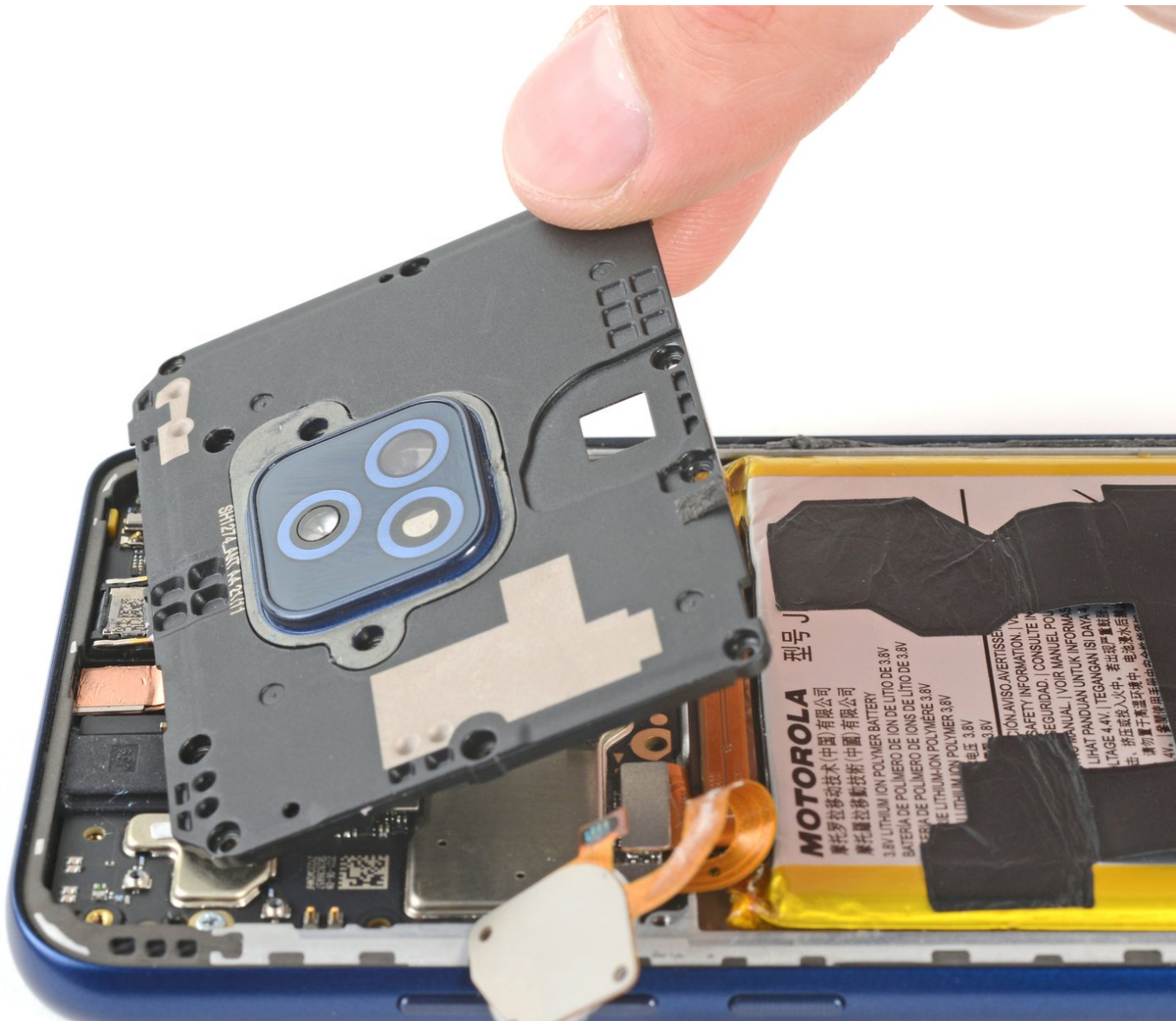




# Motorola Moto G Play (2021) Motherboard Cover Replacement

Follow this guide to gain access to the...

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# INTRODUCTION

Follow this guide to gain access to the motherboard in your 2021 Motorola Moto G Play.



## TOOLS:

- [iOpener](#) (1)
  - [Suction Handle](#) (1)
  - [iFixit Opening Picks \(Set of 6\)](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
-

## Step 1 — Heat the left edge



**⚠** Discharge your battery to 25% or lower and power off your phone before you begin.

- [Heat an iOpener](#) and apply it to the left edge of the cover for two minutes.

**i** A hair dryer or [heat gun](#) may also be used, but be careful not to overheat the phone—the display and internal battery are both susceptible to heat damage.

## Step 2 — Insert an opening pick



- Apply a suction cup to the back cover, as close to the center of the left edge as possible.
- Pull up on the suction cup with strong, steady force to create a gap between the cover and the frame.
- Insert an opening pick into the gap.

### Step 3 — Slice the right adhesive



- Slide your opening pick back and forth along the left edge to slice through the adhesive.
- Leave the pick in at the bottom left corner to prevent the adhesive from resealing.

### Step 4 — Slice the bottom adhesive



- Insert and slide a second opening pick to the bottom right corner to slice through the adhesive.
- Leave the pick inserted to prevent the bottom edge from resealing.
- Repeat this process for the right and top edges of the cover.

## Step 5 — Dislodge the fingerprint reader

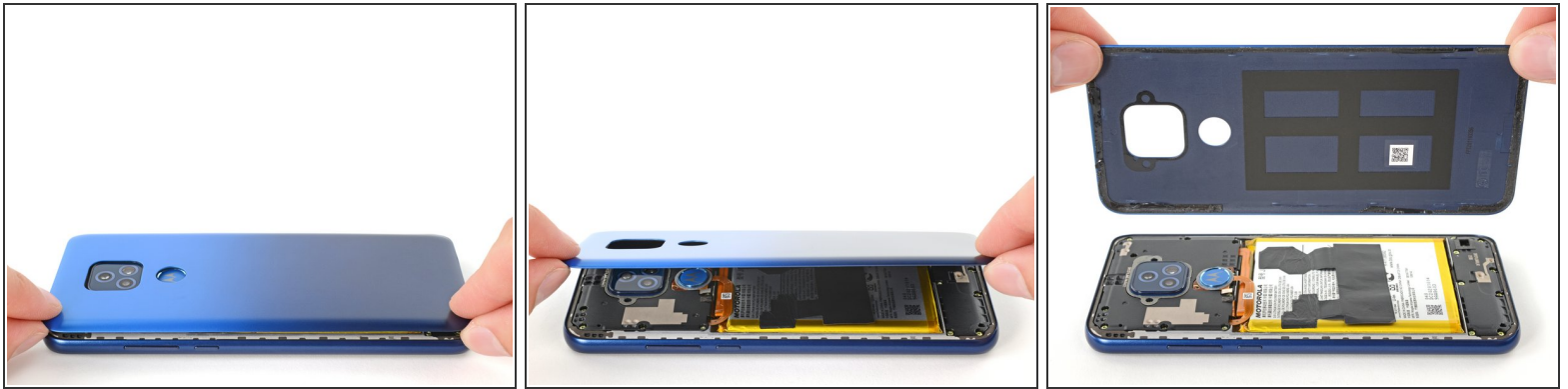


**i** The fingerprint reader is connected to the motherboard by a fragile cable. You must free it before pulling the cover off.

- Grab and lift the bottom edge of the cover.
- As you lift the back cover, press and unstick the fingerprint reader from it.



## Step 6 — Remove the back cover



- Grab and remove the back cover.
  - ❗ If your back cover is still sticking to the frame, slide the pick around the edges of the phone to slice through any remaining adhesive.
- 📌 Reassembly notes:
- This is a good point to test your phone before sealing it up. [Follow this guide](#) to perform a hardware test. Be sure to power your phone back down completely before you continue working.
  - To adhere the back cover with custom-cut adhesives, [follow this guide](#).
  - To adhere the back cover with tape, [follow this guide](#).

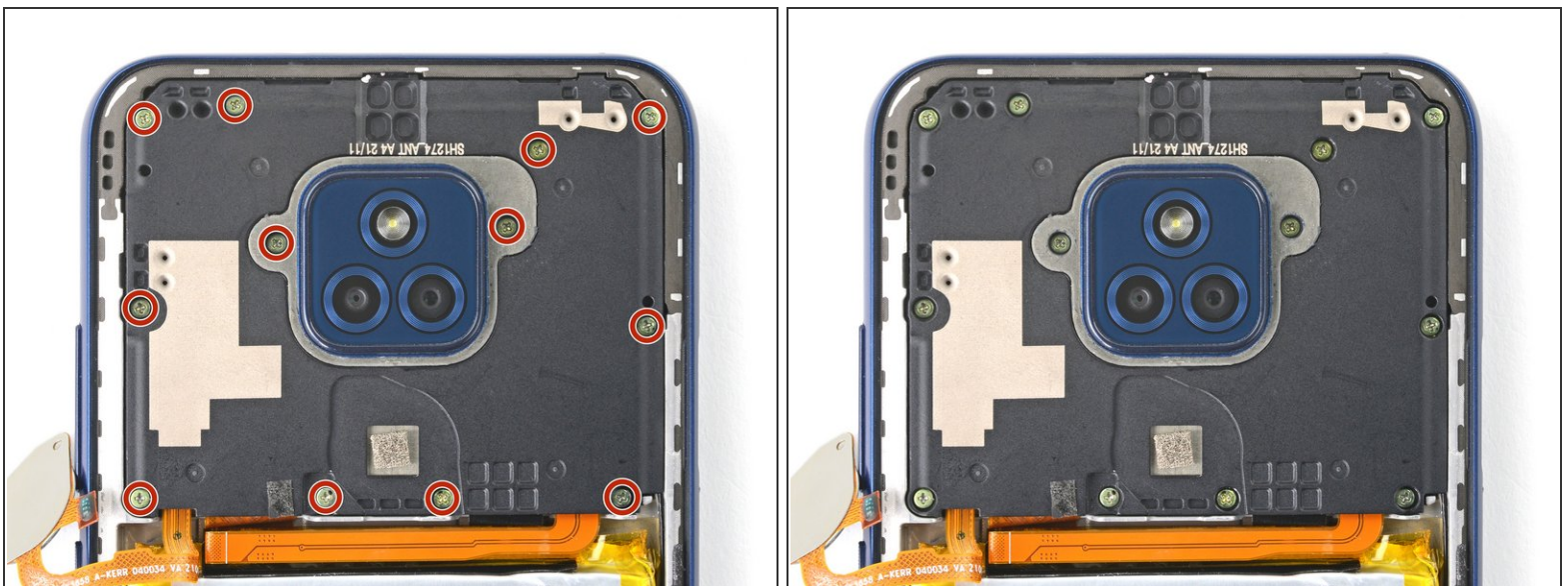
## Step 7 — Reposition the fingerprint reader



- Flip the fingerprint reader to the left, away from the phone.

⚠ Don't fold or sharply bend the ribbon cable.

## Step 8 — Unfasten the motherboard cover



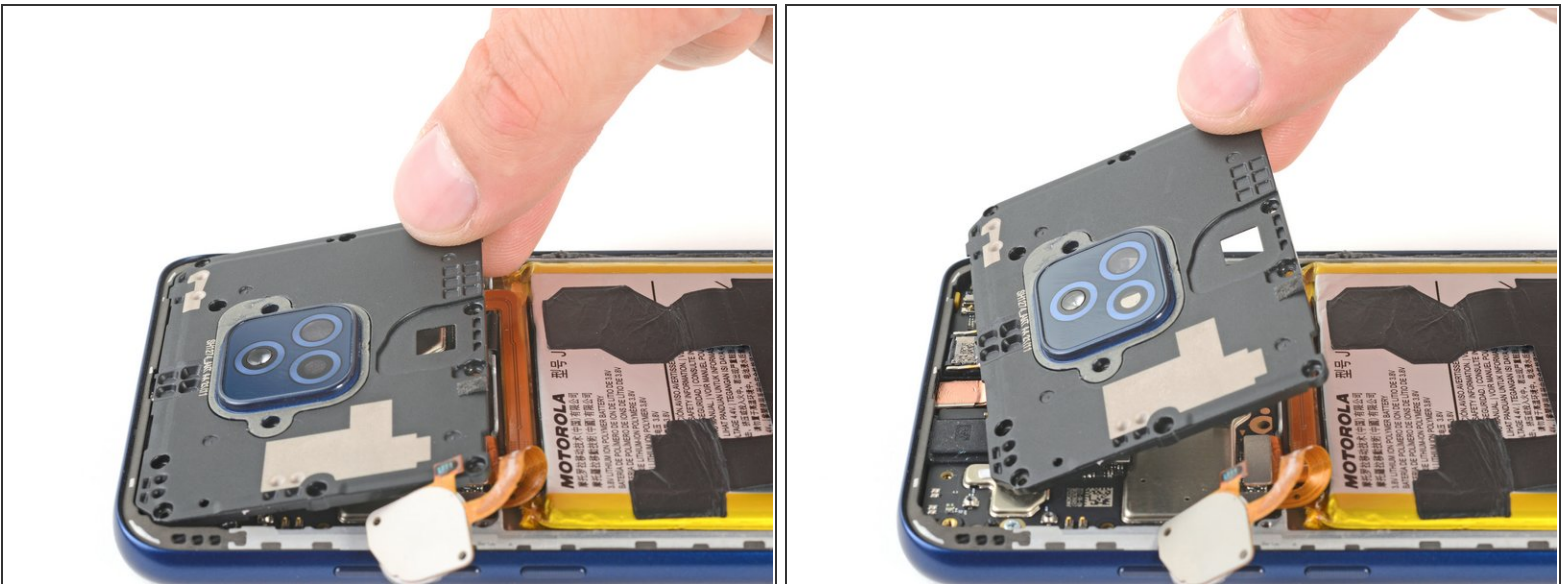
- Use your Phillips screwdriver to remove the twelve 3.9 mm-long screws securing the motherboard cover.

## Step 9 — Pry the motherboard cover



- Insert the pointed end of a spudger between the bottom right corner of the motherboard cover and the frame.
- Pry the cover upward until you can grab it with your fingers.

## Step 10 — Remove the motherboard cover



- Grab the bottom edge of the motherboard cover and remove it from the frame.



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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Answers community](#) for help.