



Nokia G42 5G Battery Replacement

Use this guide to replace the battery in your...

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INTRODUCTION

Use this guide to replace the battery in your Nokia G42 5G.

For your safety, turn on your phone and allow the battery to discharge below 25% before starting this procedure. This reduces the risk of fire if the battery is accidentally damaged during the repair. [If your battery looks puffy or swollen, take extra precautions.](#)

Don't reuse the battery after it's been removed, as doing so is a potential safety hazard. Replace it with a new battery.

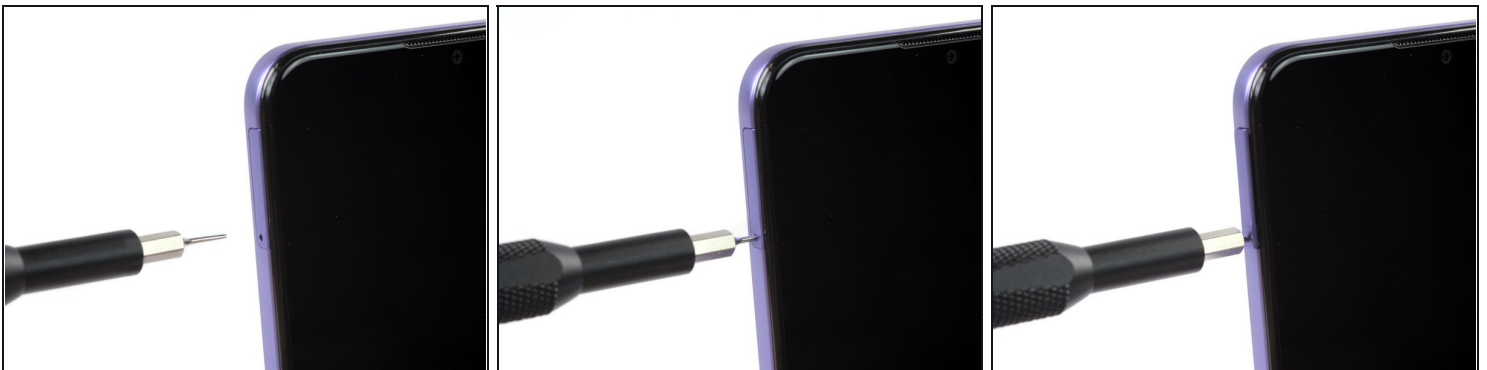
TOOLS:

[SIM Card Eject Tool](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)
[Tweezers](#) (1)
[Phillips #00 Screwdriver](#) (1)
[Spudger](#) (1)

PARTS:

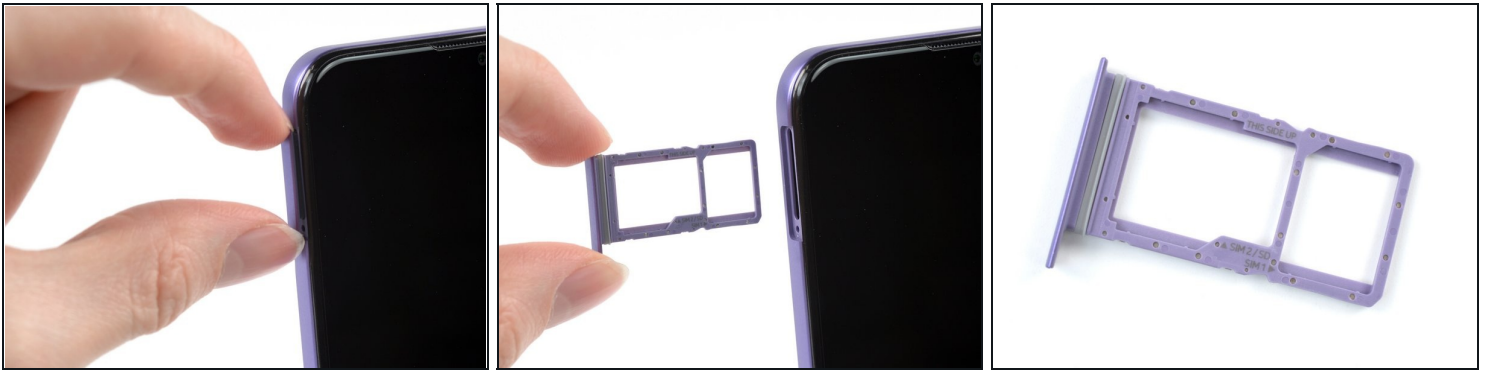
[Nokia G42 5G/G310 5G Battery](#) (1)
[Nokia G42 5G/G310 5G Battery Adhesive](#) (1)
[Nokia G42 5G/G310 5G Battery Foil](#) (1)

Step 1 — Eject the SIM card tray



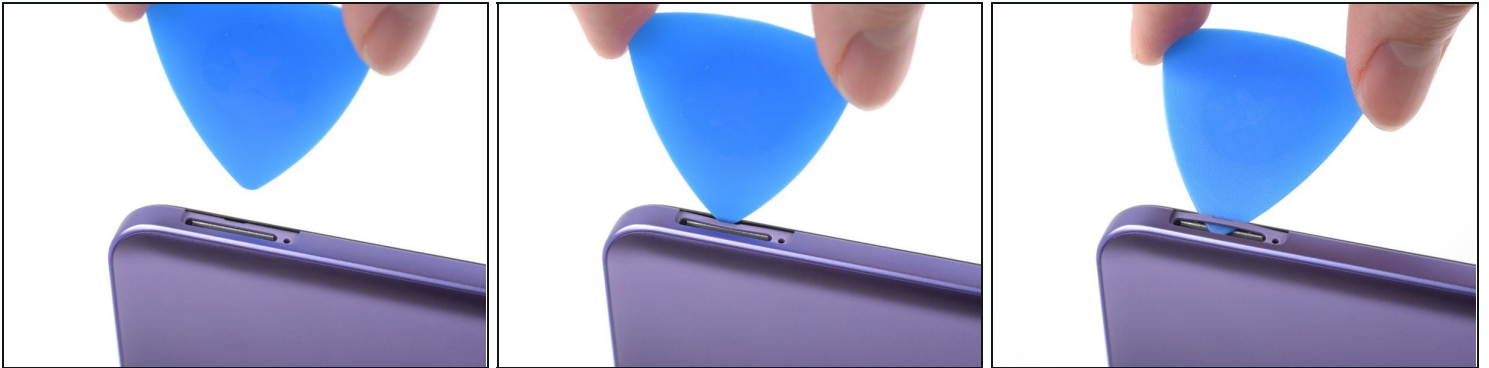
- Power down your phone and unplug any cables.
- Insert a SIM eject tool, bit, or a straightened paper clip into the small hole on the SIM card tray on the upper left edge of the phone.
- Press firmly to eject the tray.

Step 2 — Remove the SIM card tray



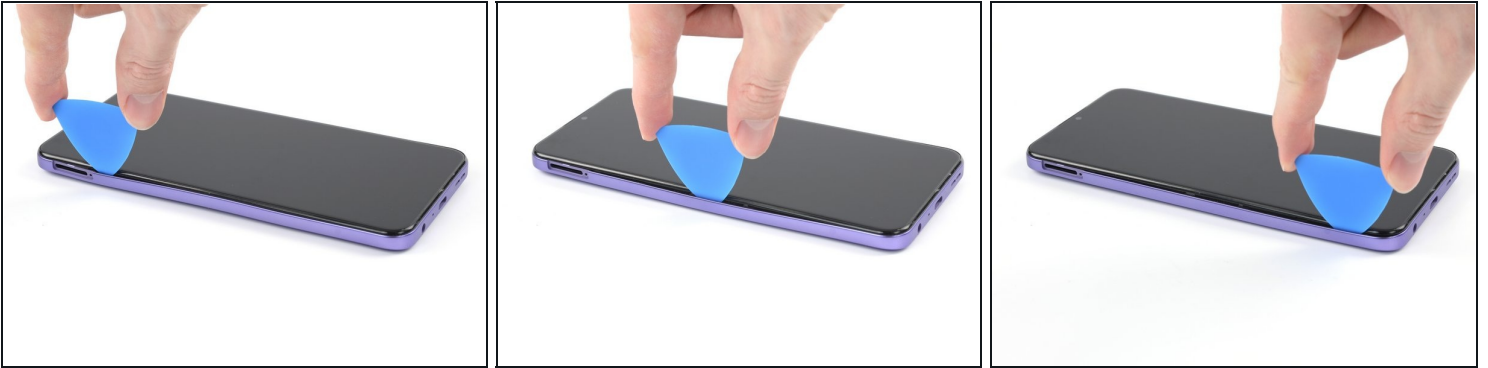
- Remove the SIM card tray.
- ☑ When installing either a SIM card or a microSD card, make sure they're in the correct orientation and sitting completely flush with the edges of the tray before reinserting the tray into the phone.

Step 3 — Insert an opening pick



- ⓘ The back cover is held in place by plastic clips.
- Insert an opening pick under the [small notch](#) in the SIM card tray slot.

Step 4 — Release the plastic clips



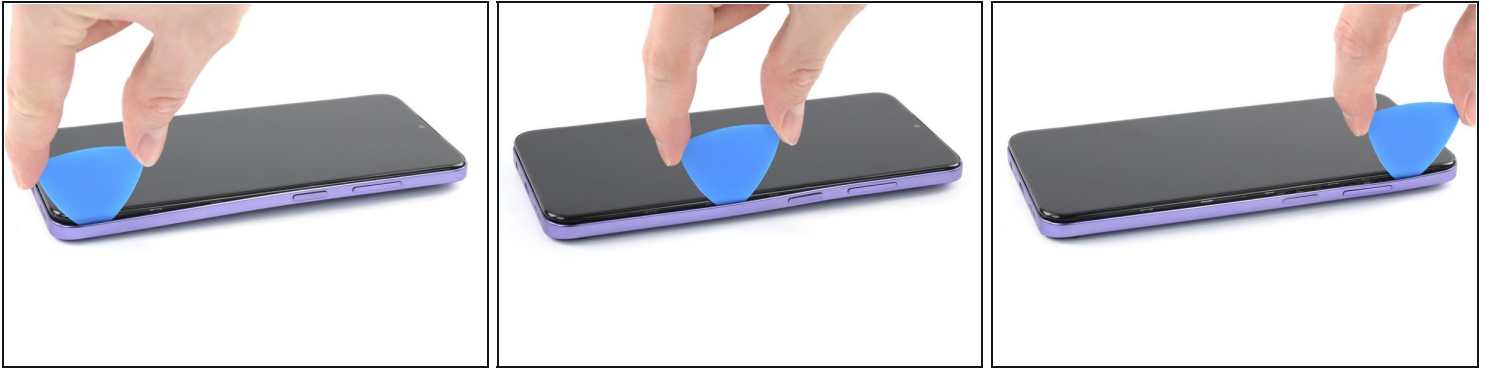
- Position the opening pick at a steep downward angle between the back cover and the screen assembly.
- Slide the opening pick down the left edge of the phone to release the plastic clips.

Step 5



- Turn the opening pick around the corner and continue to slide it along the bottom edge to release the plastic clips.

Step 6



- Slide the opening pick up the right edge to continue releasing the plastic clips.

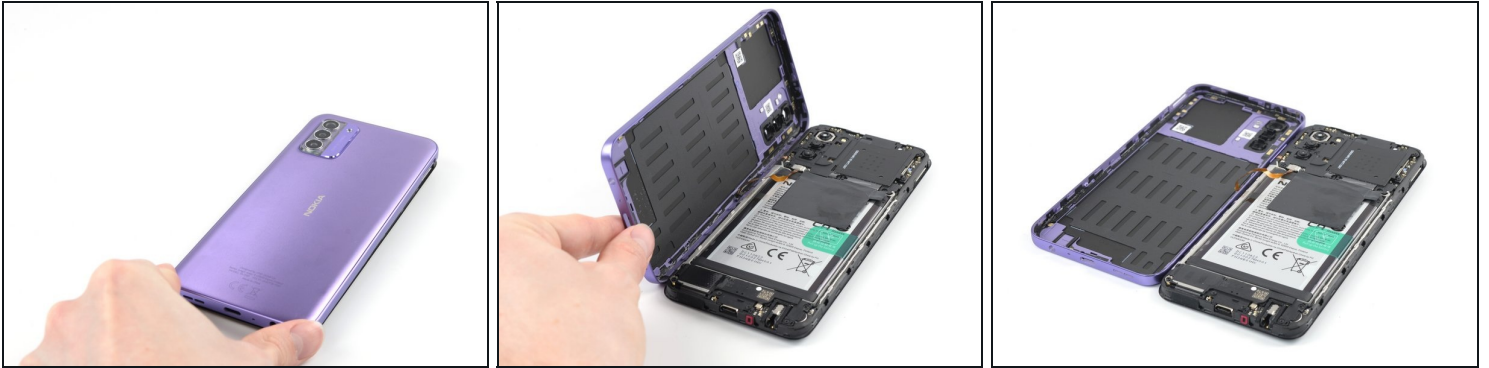
Step 7



- Slide the opening pick along the top edge to release the remaining plastic clips.

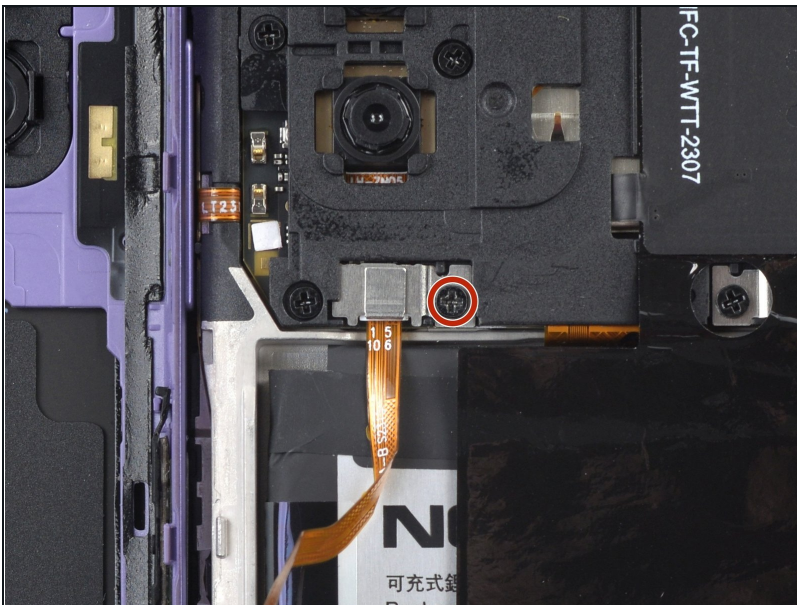
⚠ Don't try to fully remove the back cover just yet, as it's still connected with a cable.

Step 8 — Flip open the back cover



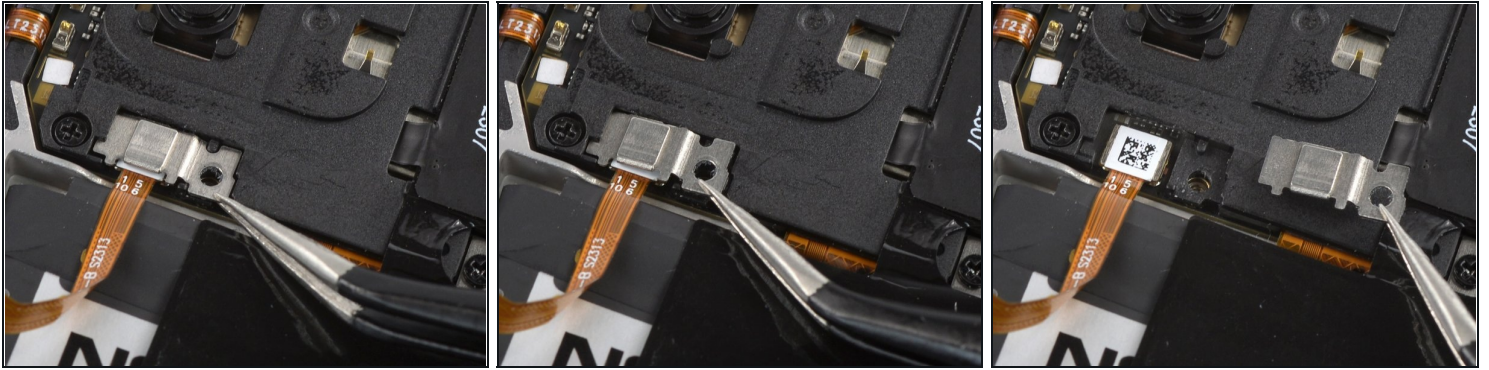
- With the phone laying screen-side down, carefully lift the right edge of the back cover, opening it like a book.
⚠ Take care not to strain or tear the attached fingerprint reader cable during this procedure.
- Lay the back cover next to the phone.

Step 9 — Unfasten the fingerprint reader bracket



- Use a Phillips screwdriver to remove the 3.8 mm-long screw securing the fingerprint reader bracket.

Step 10 — Remove the fingerprint reader bracket



- Use a pair of [tweezers](#) or your fingers to remove the fingerprint reader bracket.

⚠ Take care not to puncture the battery with sharp tools—a punctured or creased battery may leak dangerous chemicals or cause a fire.

- ☑ During reassembly, make sure to [slide the bracket's edge back into its slot](#) under the motherboard cover.

Step 11 — Disconnect the fingerprint reader



- Use the pointed end of a spudger to disconnect the fingerprint reader by prying the connector straight up from its socket.
 - ☑ To re-attach [press connectors](#) like this one, carefully align and press down on one side until it clicks into place, then repeat on the other side. Don't press down on the middle. If the connector is misaligned, the pins can bend and cause permanent damage.
- Remove the back cover.

Step 12 — Unfasten the motherboard cover



- ① A [white sticker](#) might cover one of the top screws. Pierce through it with the tip of your screwdriver or [use a pair of tweezers to remove it](#).
- Use a Phillips screwdriver to remove the ten 3.8 mm-long screws securing the motherboard cover.

Step 13 — Pry up the motherboard cover



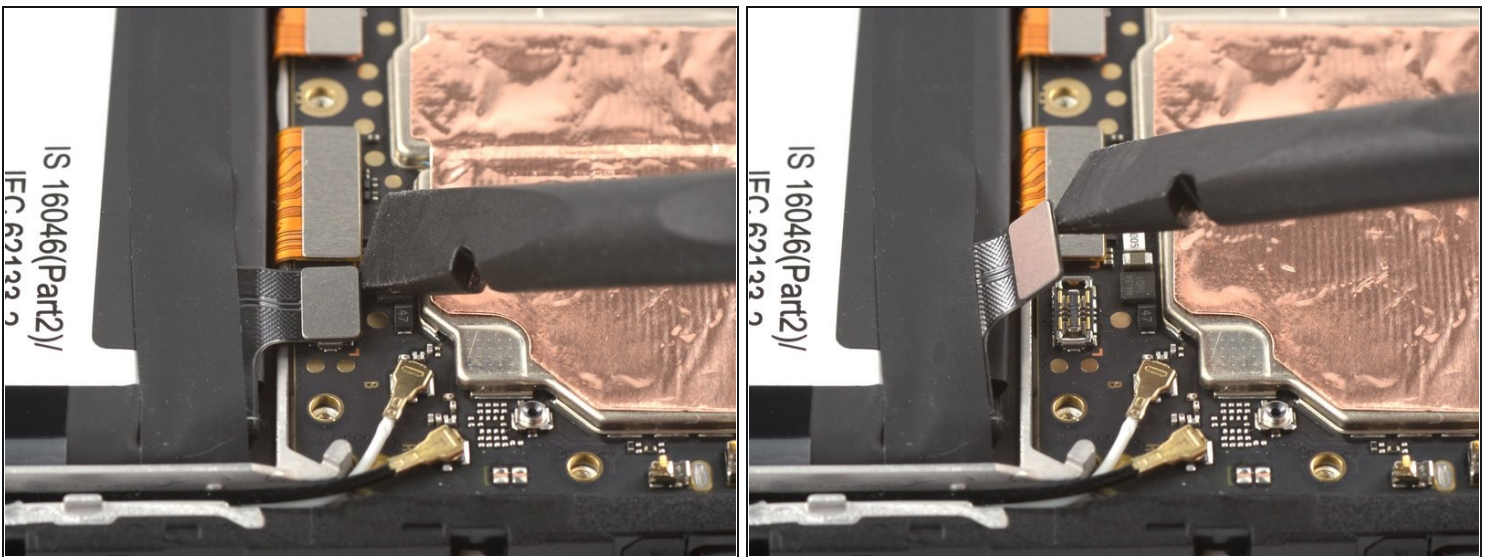
- ① The motherboard cover is further held in place by plastic clips.
- Insert an opening pick under the right edge of the motherboard cover.
- Twist the opening pick to release the plastic clips.
- ☑ During reassembly, clip in the motherboard cover on the top left first.

Step 14 — Remove the motherboard cover



- Use a pair of tweezers or your fingers to remove the motherboard cover.

Step 15 — Disconnect the battery cable



- Use the flat end of a spudger to disconnect the battery cable by prying the connector straight up from its socket.

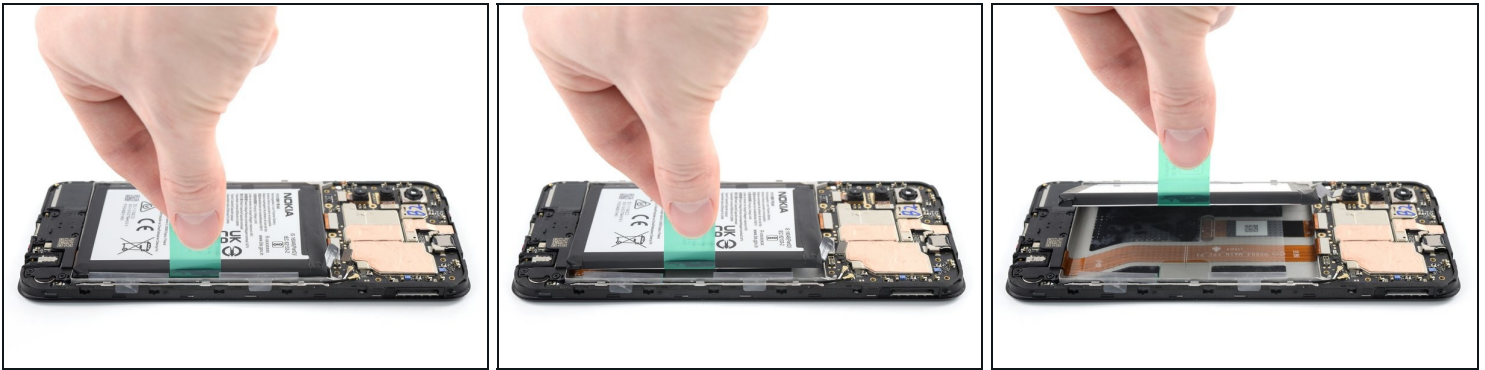
Step 16 — Loosen the battery tabs



⚠ Be extra careful to not puncture, bend, or deform the battery during the next few steps—a damaged battery may leak dangerous chemicals or cause a fire.

- Use your fingers to peel the two outer adhesive tabs off of the battery.

Step 17 — Lift out the battery



- ❗ The battery in the Nokia G42 5G is secured to the frame with adhesive. Pull tabs are provided to separate the adhesive and remove the battery.
- Use your fingers to peel the center green pull tab off of the battery.
- Using one hand to hold the phone steady, use your other hand to slowly and steadily lift the center green pull tab up to separate the adhesive securing the battery underneath.
- ❗ If the green pull tab rips, use the outer clear tabs instead.
- ❗ If you have any difficulties with stubborn battery adhesive, you can contact [Nokia's phones support](#).

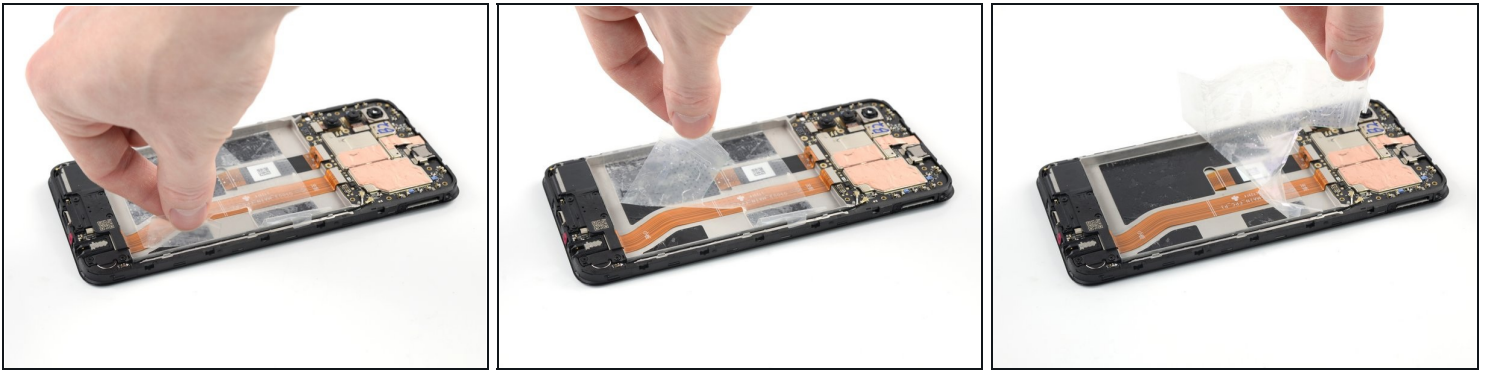
Step 18 — Remove the battery



- Peel the battery off of the adhesive film and remove it.

⚠ Don't reinstall a damaged or deformed battery, as doing so is a potential safety hazard. Replace it with a new battery.

Step 19 — Remove the battery adhesive film



- Grab the bottom right edge of the leftover adhesive film and pull it towards the top of the phone with steady force to remove it.
- ✦ To install a replacement battery:
- Apply isopropyl alcohol (>90%) to the old adhesive and use the flat end of a spudger to scrape it off.
 - Remove the clear liner on the pre-cut battery adhesive and apply the sticky section to the battery well. Remove the opaque liner before continuing reassembly.
 - Remove the battery adhesive film from its liners and apply it to the battery.
 - Align the bottom edge of the battery (the edge without adhesive) with the bottom edge of the recess.
 - Lower the battery down and press firmly to secure it in place.

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

For optimal performance, [calibrate your newly installed battery](#) after completing this guide.

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.