



Samsung Galaxy A32 5G Battery Replacement

Use this guide to replace a worn-out or dead...

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INTRODUCTION

Use this guide to replace a worn-out or dead battery in your Samsung Galaxy A32 5G.

For your safety, discharge the battery below 25% before disassembling your phone. This reduces the risk of fire if the battery is accidentally damaged during the repair. If your battery is swollen, [take appropriate precautions](#).

You'll need replacement adhesive to reattach components when reassembling the device.

TOOLS:

[iOpener](#) (1)
[Suction Handle](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)
[Heat Gun](#) (1)
[Microfiber Cleaning Cloths](#) (1)
[Isopropyl Alcohol \(90% or Greater\)](#) (1)
[SIM Card Eject Tool](#) (1)
[Spudger](#) (1)
[Phillips #00 Screwdriver](#) (1)
[Tesa 61395 Double-Sided Tape](#) (1)
[Plastic Cards](#) (1)

PARTS:

[Tesa 61395 Tape](#) (1)
[iFixit Adhesive Remover](#) (1)

Step 1 — Heat the back cover



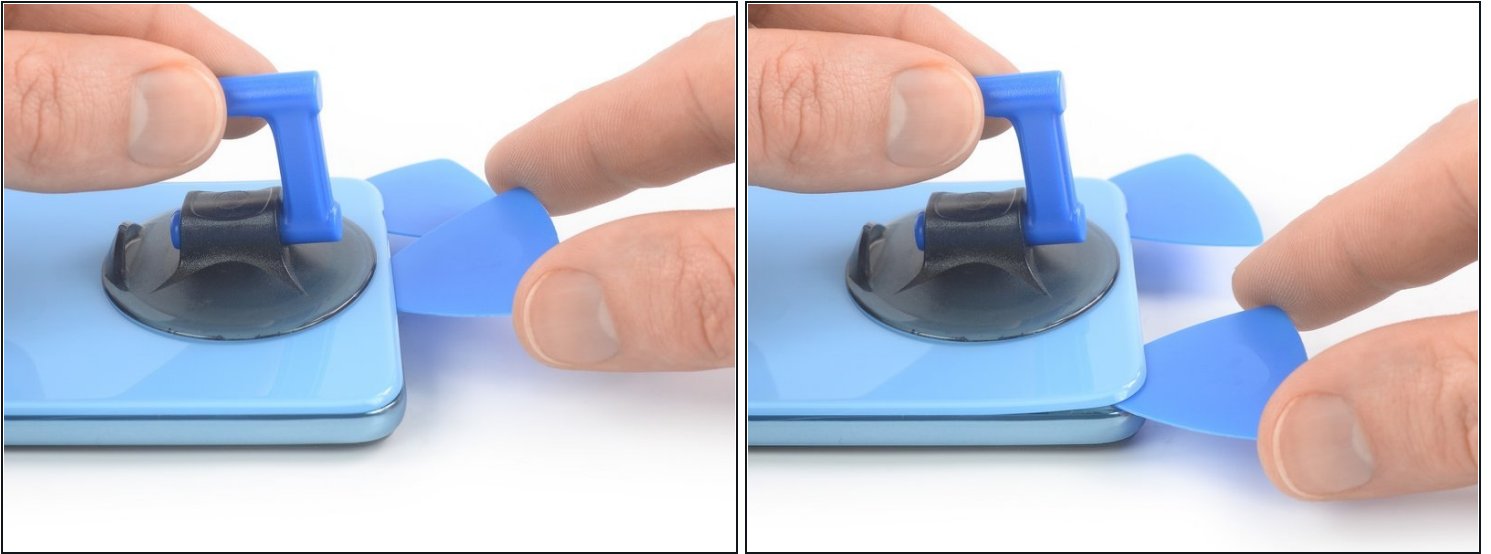
- [Prepare an iOpener](#) and apply it to the back cover for at least two minutes to loosen the adhesive underneath.
- ⓘ A hair dryer, heat gun, or hot plate may also be used, but be careful not to overheat the phone—the display and internal battery are both susceptible to heat damage.

Step 2 — Insert an opening pick



- Secure a suction handle to the bottom edge of the back cover, as close to the edge as possible.
 - ① If the back cover is cracked, the suction handle may not stick. Try [lifting it with strong tape](#), or superglue the suction handle in place and allow it to cure so you can proceed.
- Lift the back cover with the suction handle to create a small gap between the back cover and the frame.
 - ① In case you have trouble creating a gap, apply more heat to further soften the adhesive. Follow the [iOpener](#) instructions to avoid overheating.
- Insert an opening pick into the gap you created.
- Slide the opening pick to the bottom right corner to slice the adhesive.
- Leave the opening pick in place to prevent the adhesive from resealing.

Step 3 — Slice the adhesive



- Insert a second opening pick at the bottom edge of your phone.
- Slide the opening pick to the bottom left corner to slice the adhesive.
- Leave the opening picks in place to prevent the adhesive from resealing.

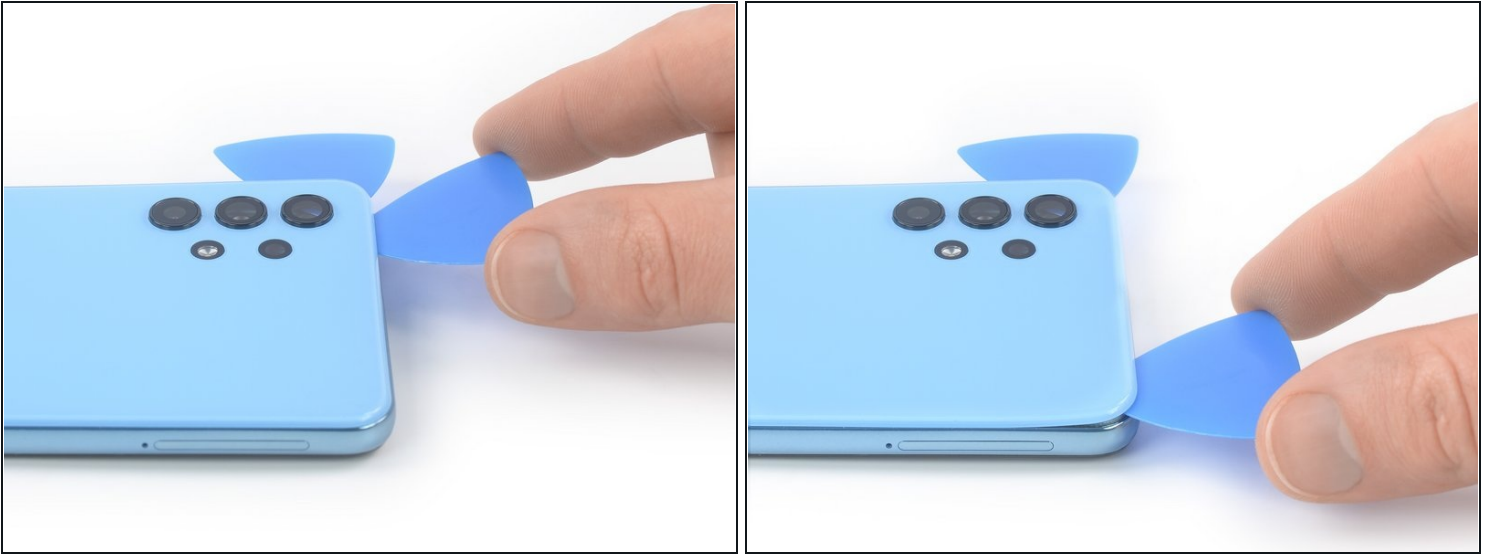
Step 4 — Slice the adhesive



❗ If the adhesive becomes hard to cut, it has most likely cooled down. [Use your iOpener](#) for one to two minutes to reheat it.

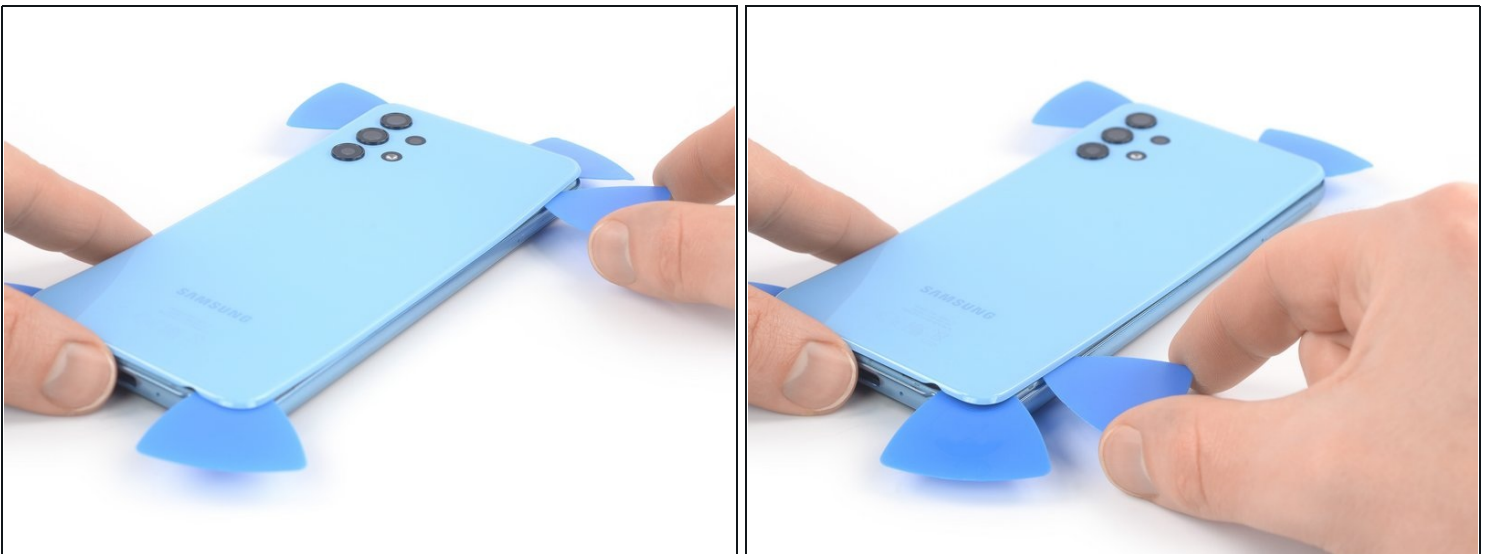
- Insert a third opening pick at the bottom left corner of your phone.
- Slide the opening pick along the left edge of your phone to slice the adhesive.
- Leave the opening pick in the top left corner to prevent the adhesive from resealing.

Step 5



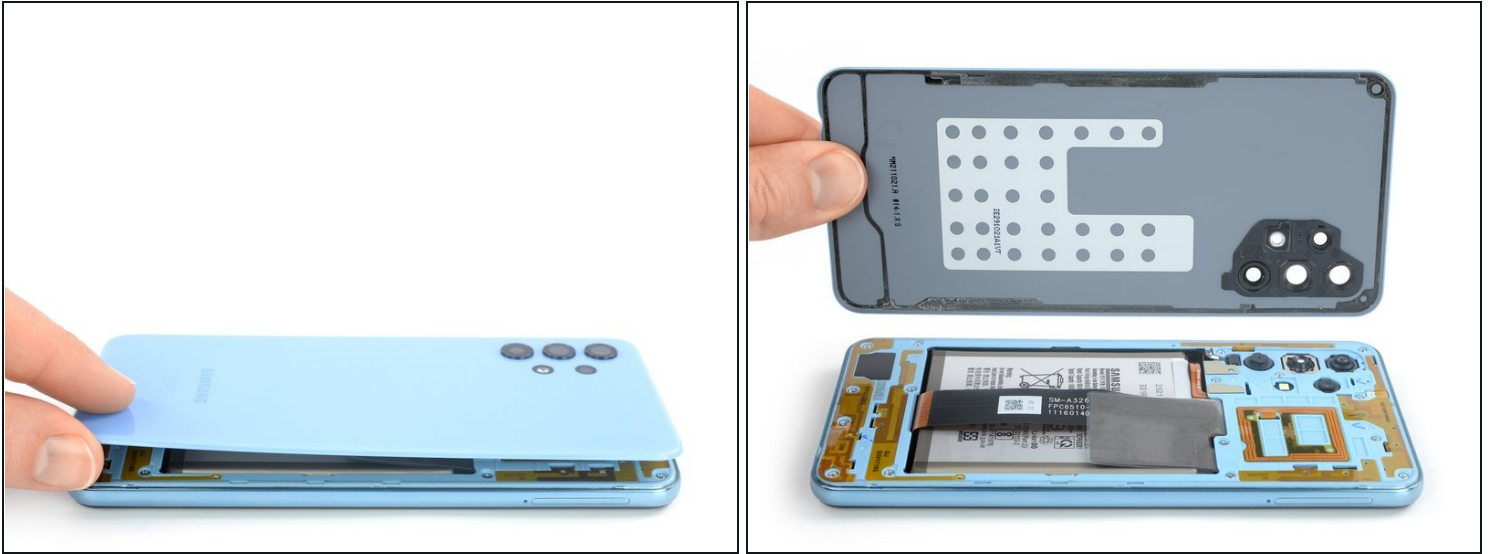
- Insert a fourth opening pick underneath the top left corner of your phone.
- Slide the opening pick along the top edge to slice the adhesive.
- Leave the opening pick in the top right corner to prevent the adhesive from resealing.

Step 6



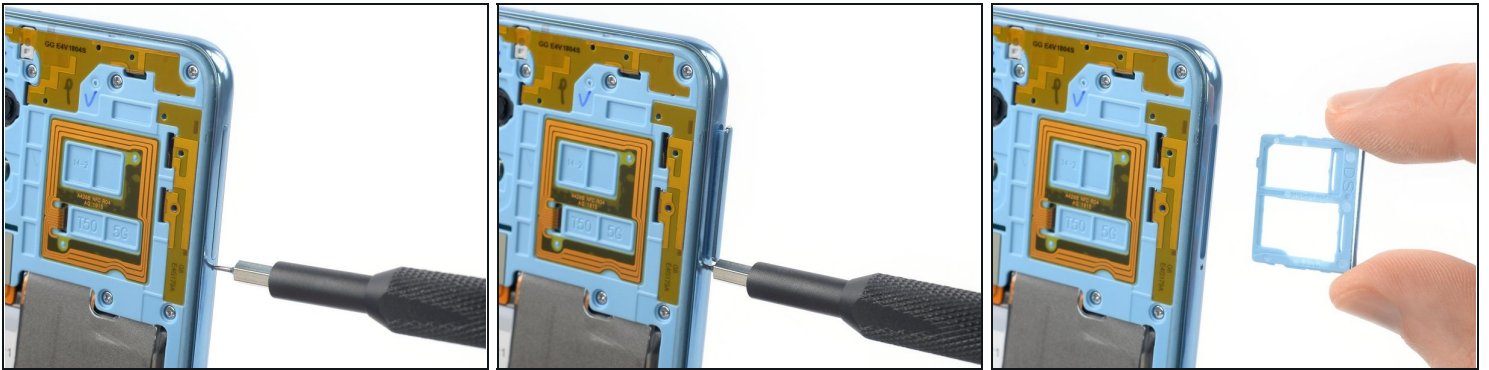
- Insert a fifth opening pick underneath the top right corner.
- Slide the opening pick along the right edge of the back cover to slice the remaining adhesive.

Step 7 — Remove the back cover



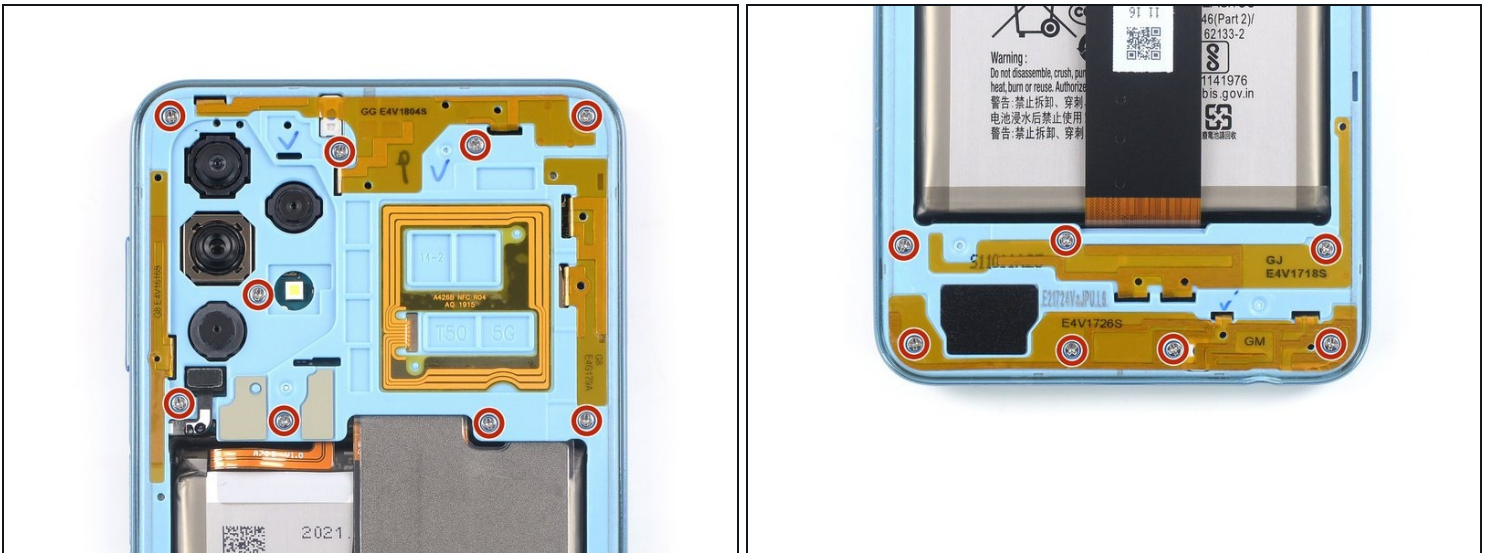
- Remove the back cover.
- ☑ Apply new adhesive where necessary after cleaning the relevant areas with isopropyl alcohol (>90%).
- ☑ [Secure the new back cover with pre-cut adhesive](#) or double-sided adhesive tape. After installing the back cover, apply strong, steady pressure to your phone for several minutes to help the adhesive form a good bond—a stack of heavy books works well.

Step 8 — Eject the SIM card tray



- Insert a SIM card eject tool, a SIM eject bit, or a straightened paper clip into the hole on the SIM tray located at the left edge of the phone.
- Press directly into the hole to eject the SIM card tray.
- Remove the SIM card tray.

Step 9 — Unfasten the midframe screws



- Use a Phillips screwdriver to remove the sixteen 4.1 mm-long screws securing the midframe.

Step 10 — Disconnect the power and volume button flex cable



- Use a spudger to disconnect the power and volume button flex cable by prying the connector straight up from its socket.

Step 11 — Insert an opening pick



① The midframe of the Samsung Galaxy A32 5G is held in place by plastic clips.

- Insert an opening pick between the midframe and front panel assembly on the left edge of the phone where the SIM tray slot is located.

Step 12 — Release the plastic clips



ⓘ The plastic clips of the midframe are sitting in place tightly. Releasing them might require some force.

- Slide the opening pick along the left edge of the phone to release the plastic clips.

Step 13



- Slide the opening pick around the bottom left corner.
- Slide the opening pick along the bottom edge of the phone to release the plastic clips.

Step 14



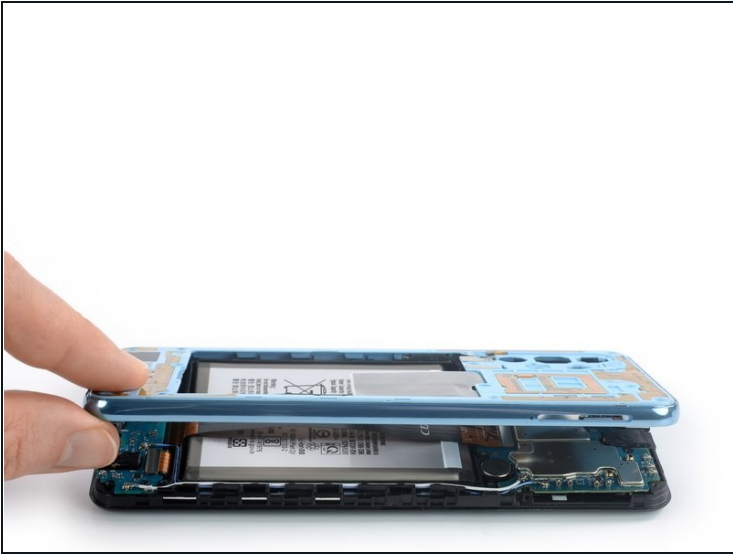
- Slide the opening pick around the bottom right corner.
- Slide the opening pick along the right edge of the phone to release the plastic clips.

Step 15



- Slide the opening pick around the top right corner.
- Slide the opening pick along the top edge of the phone to release the remaining plastic clips.

Step 16 — Remove the midframe



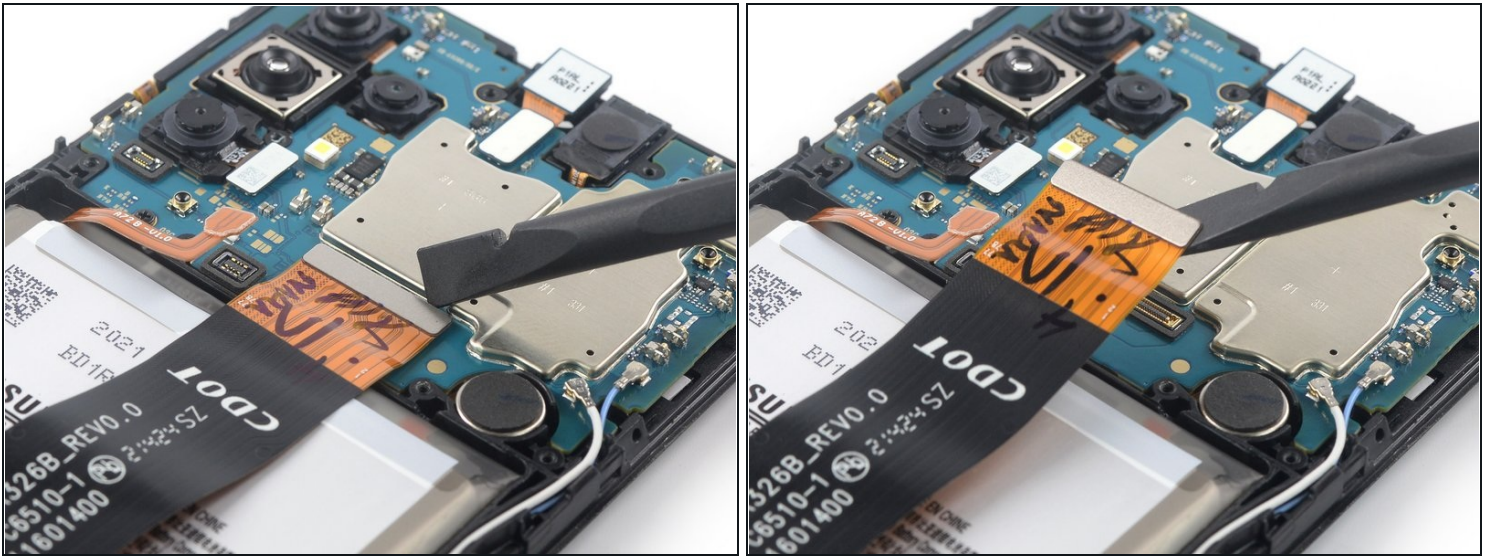
- Place your phone with the display facing downwards on your working surface.
- Remove the midframe.

Step 17 — Disconnect the battery cable



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

Step 18 — Disconnect the display cable



- Use a spudger to disconnect the display cable by prying the connector straight up from its socket.

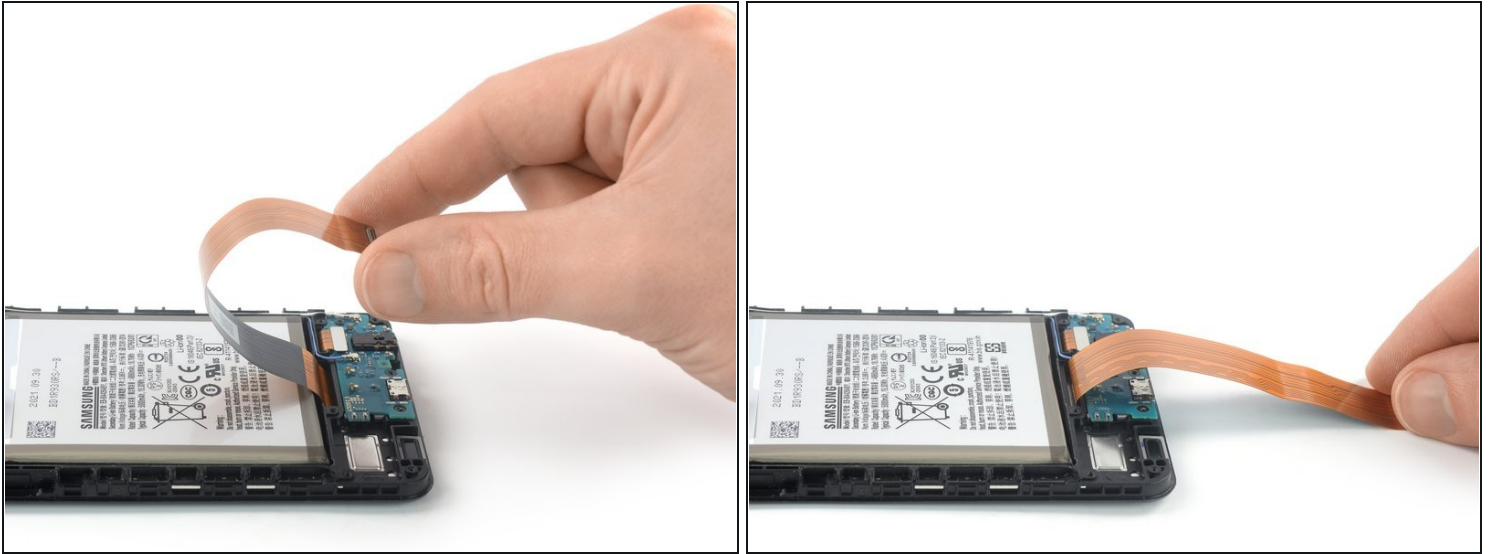
Step 19 — Loosen the battery adhesive



- Apply a [heated iOpener](#) to the screen to loosen the adhesive underneath the battery. Apply the iOpener for at least five minutes.
 - ⓘ A hair dryer, heat gun, or hot plate may also be used, but be careful not to overheat the device.

⚠ Do not apply heat directly onto the battery as doing so is a potential safety hazard.

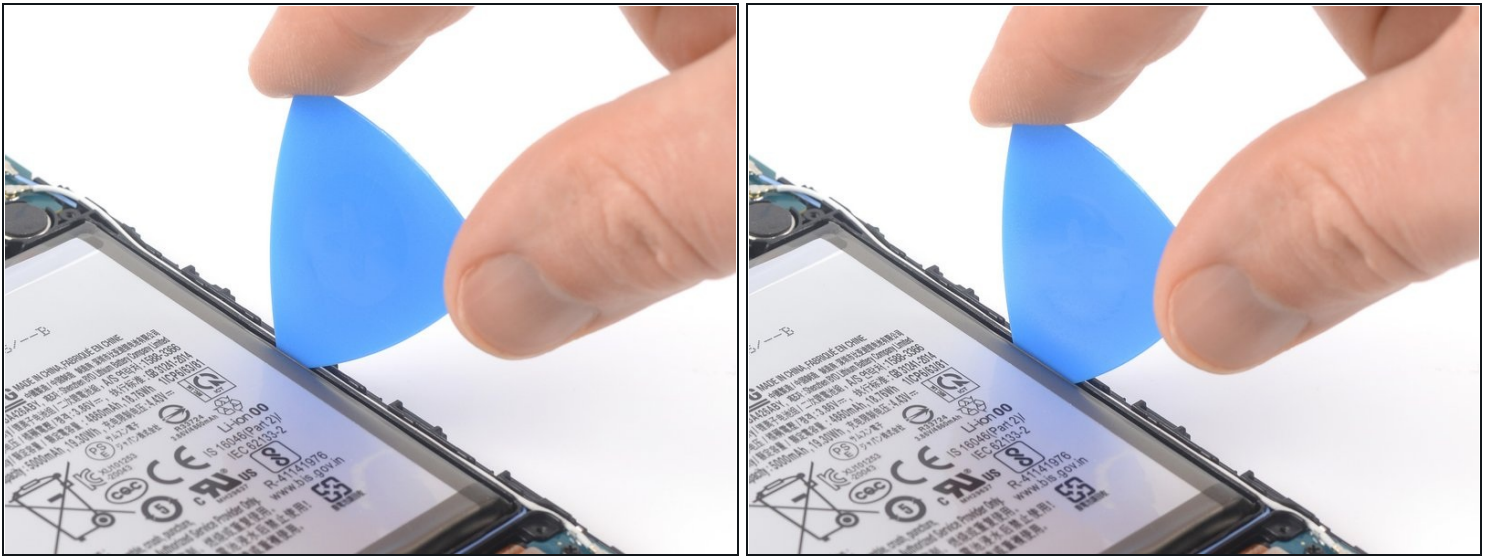
Step 20 — Free the battery



⚠ During the following step do not fold the cable sharply and only bend it to avoid cable damage.

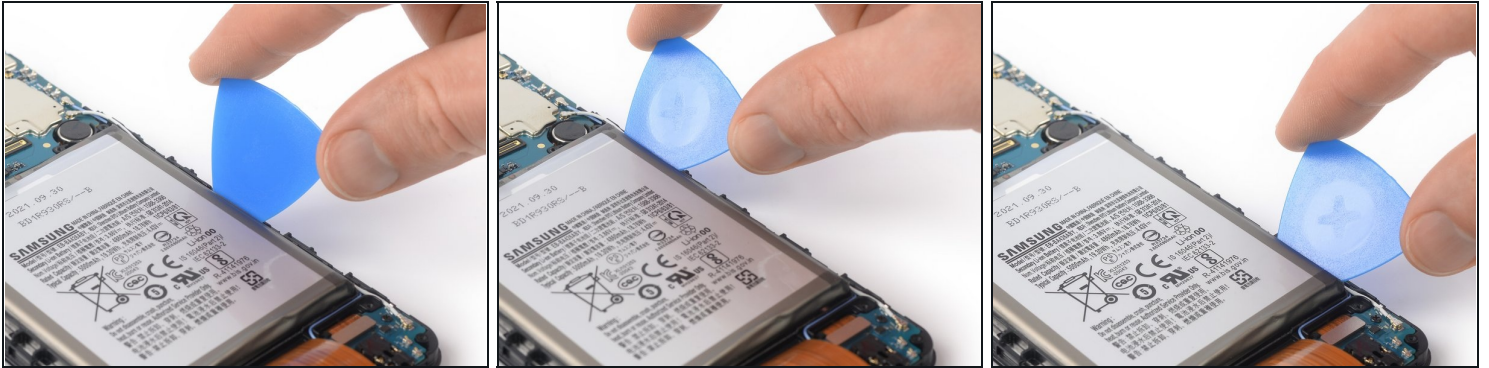
- Fold the display flex cable towards the charging port in order to get free access to the battery.
- ① You might want to use a small piece of tape to temporarily stick the cable onto your working surface to avoid accidentally damaging it during the battery removal.

Step 21 — Insert an opening pick



- ❗ The battery adhesive of the Samsung Galaxy A32 5G is strong. If you can't manage to remove the battery by only using your iOpener, you can apply a few drops of high concentration isopropyl alcohol (over 90%) into the gaps between the battery and the midframe.
 - If you're using isopropyl alcohol let the alcohol penetrate the battery adhesive for at least two to three minutes before removing the battery.
- ⚠ Take care not to puncture or bend the battery with your tool—a punctured or bent battery may leak dangerous chemicals or cause a fire.
- ❗ For this step, insert the opening pick into the edge with a wider gap between the midframe and the battery so that you have more space for the opening pick and get a better leverage.
 - Insert an opening pick into the gap between the edge of the battery and the frame.

Step 22 — Slice the battery adhesive



- Slide the tip of your opening pick underneath the edge of the battery.
- Slide the the opening pick along the edge of the battery to slice its adhesive and to widen the gap between battery and frame.

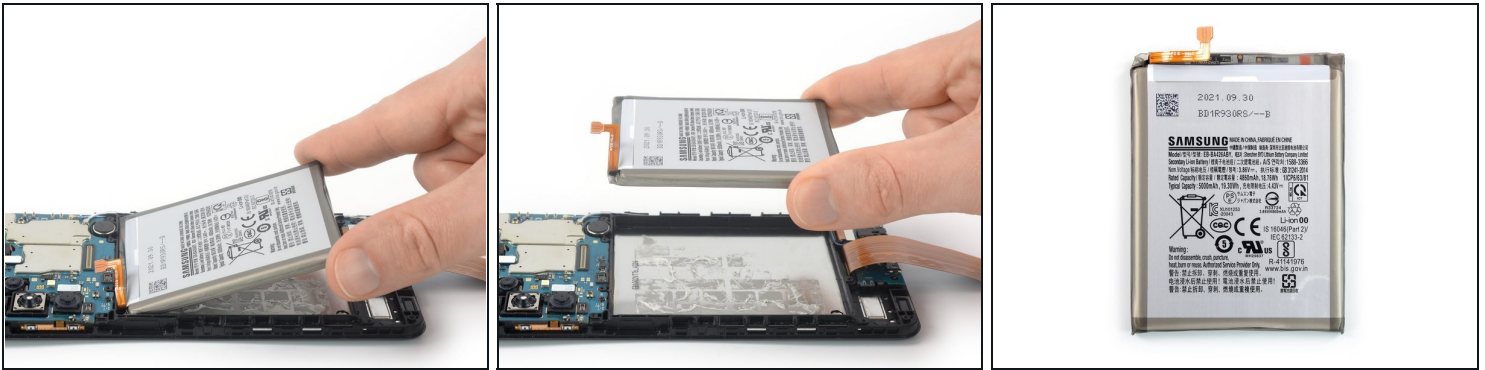
Step 23 — Insert a plastic card



⚠ In case you're struggling to insert a plastic card apply more heat to the screen and/or isopropyl alcohol around the battery and try again.

- Insert a [plastic card](#) at the edge you priorly worked with your opening pick.
- Slide the plastic card underneath the battery.
- Use the plastic card to slice the adhesive underneath the battery and pry it up.

Step 24 — Remove the battery



- Peel the battery off the remaining adhesive.
- Remove the battery.

⚠ Do not reinstall a damaged or deformed battery, as doing so is a potential safety hazard.

- ✦ [Secure the new battery with pre-cut adhesive](#) or double-sided adhesive tape. In order to position it correctly, apply the new adhesive into the device at the places where the old adhesive was located, not directly onto the battery. Press the new battery firmly into place.
- ✦ During reassembly, temporarily reconnect the battery to the motherboard to help align it correctly. Disconnect the battery after it is seated.

If possible, turn on your device and test your repair before installing new adhesive and resealing.

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.