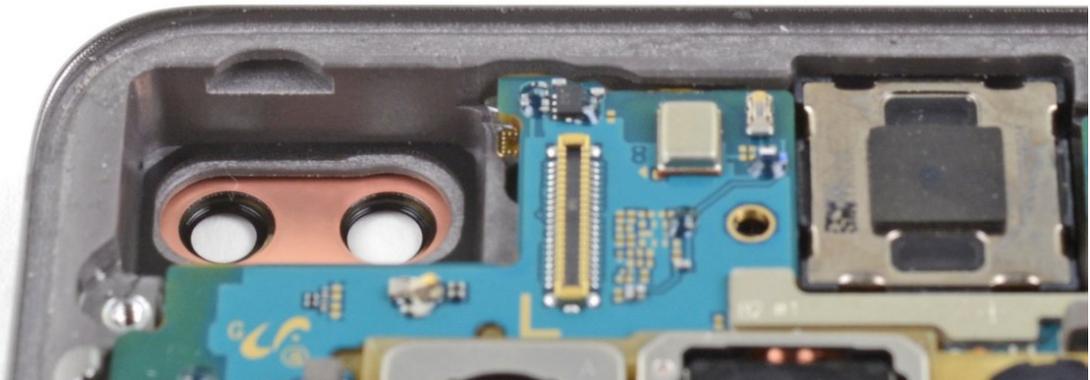
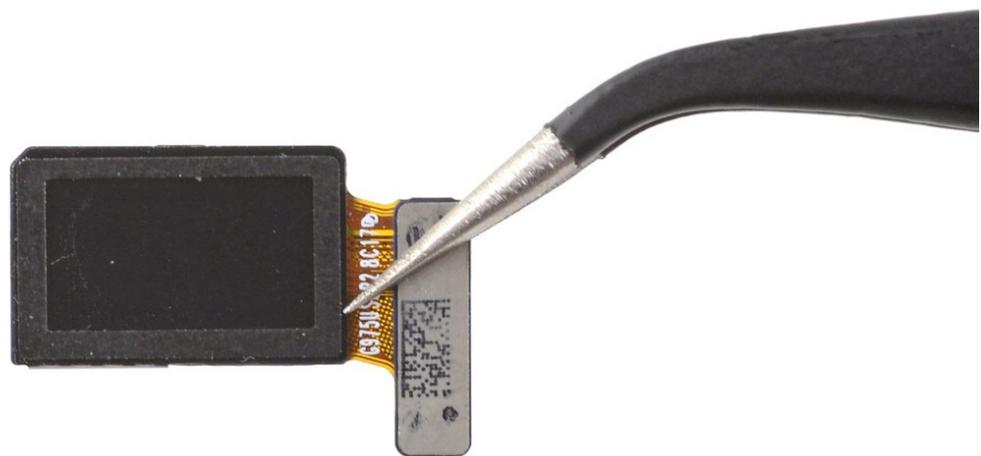




Samsung Galaxy S10+ Front-Facing Camera Module Replacement

Replace the front-facing/selfie camera module for the Samsung Galaxy S10+ (S10 plus).

Written By: Arthur Shi



INTRODUCTION

Follow this guide to replace the front-facing camera module for the Galaxy S10+. The module includes both front-facing cameras.

The hardest part of this guide is removing the glass back from the phone.

TOOLS:

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

PARTS:

- [Galaxy S10 Plus Front Camera](#) (1)

Step 1 — Heat the back cover



- Unplug and power off your phone before you begin.
- [Heat an iOpener](#) and apply it to the **back cover's right edge** for two minutes.
 - ⓘ 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.
- As you wait, take a look at the image of the removed back cover and take note of where the adhesive is located.

Step 2 — Create an opening gap



- Apply a suction cup to the back of the phone, as close to the center of the right edge as possible ([where the adhesive is narrowest](#)).
 - Pull on the suction cup with strong, steady force to create a gap between the back cover and the frame.
 - Insert the point of an opening pick into the gap.
- i** Due to tight tolerances, this may take multiple attempts.
- If you are having trouble creating a gap, your best bet is to apply more heat to the edge and try the previous step again.
 - You can try applying a few drops of high concentration (over 90%) isopropyl alcohol into the seam to help loosen the adhesive.

⚠ Do not apply excessive force with the pick, or you will risk cracking the back cover glass.

Step 3



- Rest the heated right edge of the phone on something that is about 0.5 inches (13 mm) thick. This angles the phone for the opening tool.
- Brace the left edge of the phone with your fingers so that the phone won't slide. Pull on the suction cup with firm pressure.
- Press the edge of an opening tool into the seam between the back cover and the frame.
- Slide the opening tool back and forth along the seam a few times.

Step 4 — Slice through the adhesive



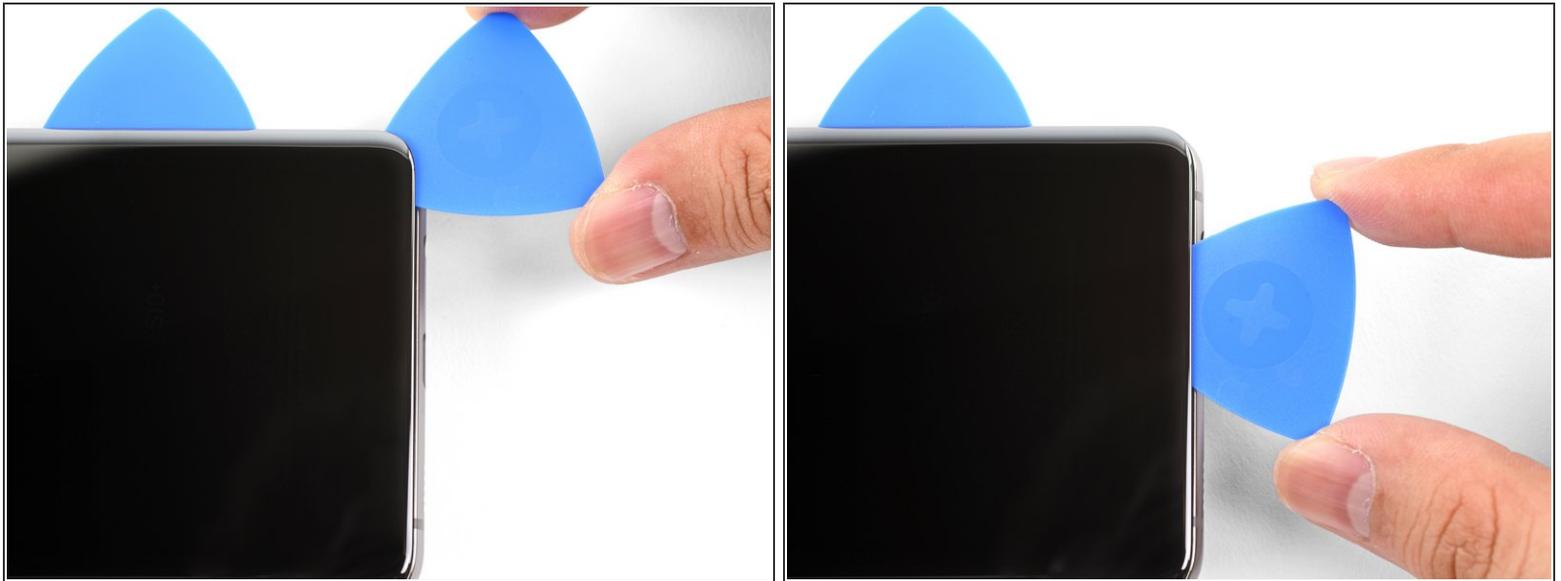
- Slide the opening pick along the edge of the phone, slicing through the adhesive.
- ⚠ Do not attempt to slice the adhesive holding the corners down before applying heat. If you do, you may crack the back cover.
- Leave a pick in the seam to prevent the adhesive from re-sealing.

Step 5



- Apply a heated iOpener to the bottom edge of the phone for two minutes.

Step 6



- Insert an opening pick into the right edge near the bottom right corner.
- Carefully slide the pick around the corner. Continue cutting along the bottom edge and around the bottom left corner.
 - ⓘ If the cutting feels difficult, re-apply heat to the edge before continuing.
- Leave an opening pick in the seam to prevent the adhesive from re-sealing.

Step 7



- Continue heating and slicing around the remaining edges of the phone.
 - ⓘ When cutting around corners, be sure that the corner is thoroughly heated.

Step 8



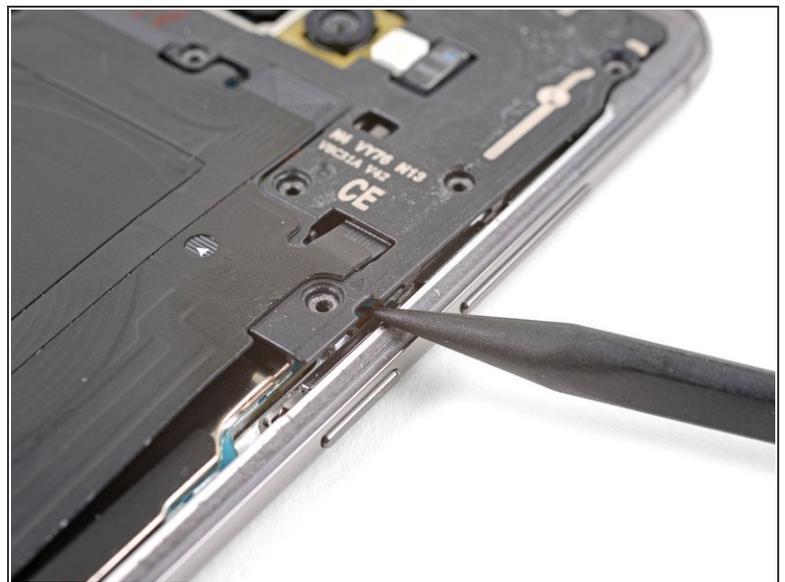
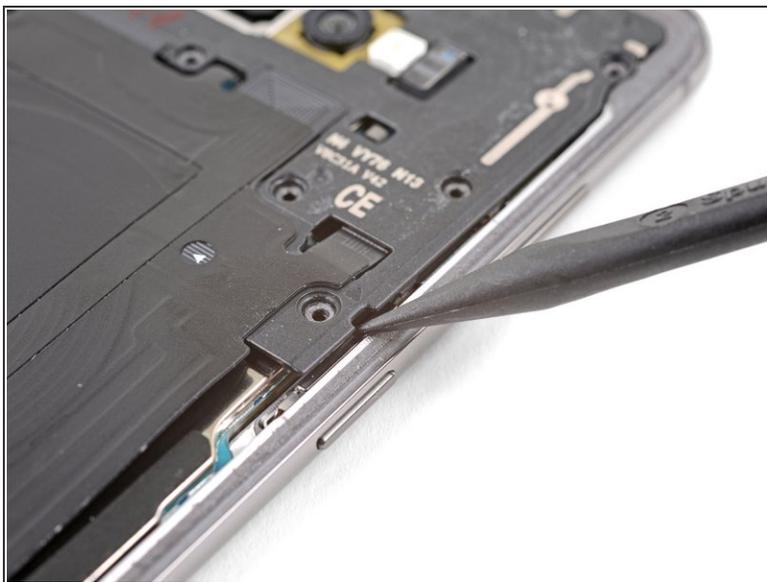
- Once you have sliced around the phone, twist an opening pick in one of the edges to help separate the back cover from the frame.
- Lift the back cover slowly. Use opening picks to slice any remaining adhesive.
- Remove the back cover.
- ☑ During reassembly, this is a good point to power on your phone and test all functions before you seal the back cover in place. Be sure to power your phone back down completely before you continue working.
- ☑ [Follow this guide](#) to reinstall the back cover, transfer and install the camera bezel, and replace the adhesive.

Step 9 — Remove the midframe



- Remove the nine 4 mm Phillips screws securing the top midframe to the phone.

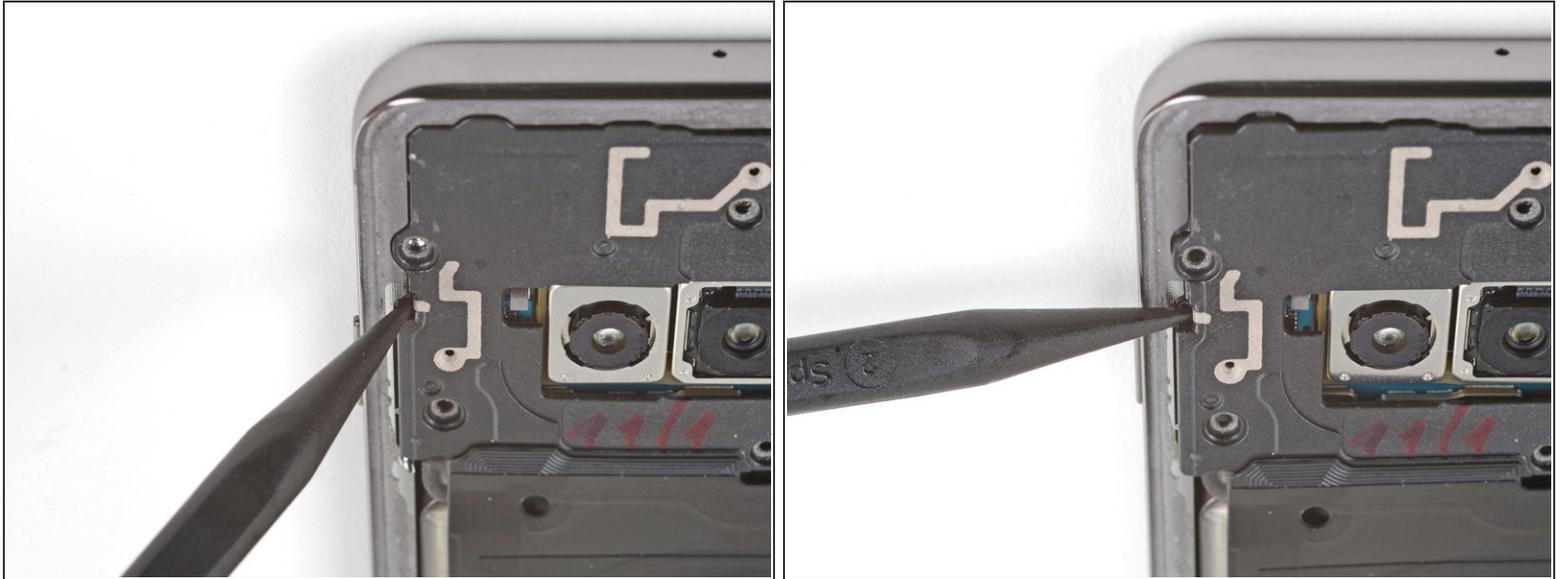
Step 10



- ⓘ The midframe is still held in place by a few plastic clips around the edge.
 - Insert the point of a spudger into the notch on the right edge of the midframe, near the Bixby button.
 - Pry up to loosen the midframe from the phone.

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Step 11



- Insert the point of a spudger into the notch on the left edge of the phone, located near the power button.
- Pry up to loosen the midframe from the phone.

Step 12



- Lift the midframe from the top corners and remove it from the phone.
- ★ To reinstall the top midframe:
 - [Align the midframe's top edge to the phone](#) and lay the frame down on the phone.

- [Use fingers to apply pressure along the midframe perimeter](#) to snap the midframe clips back into

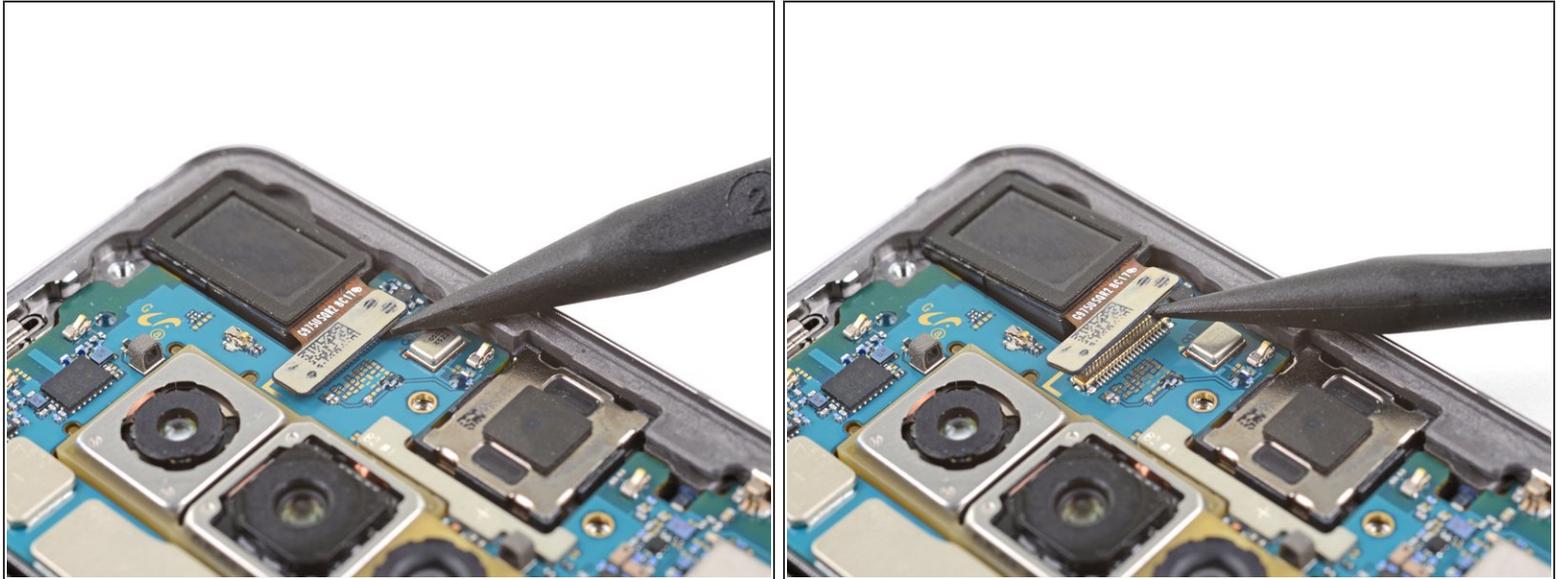
place. The edges should sit flush against the phone edge.

Step 13 — Disconnect the battery



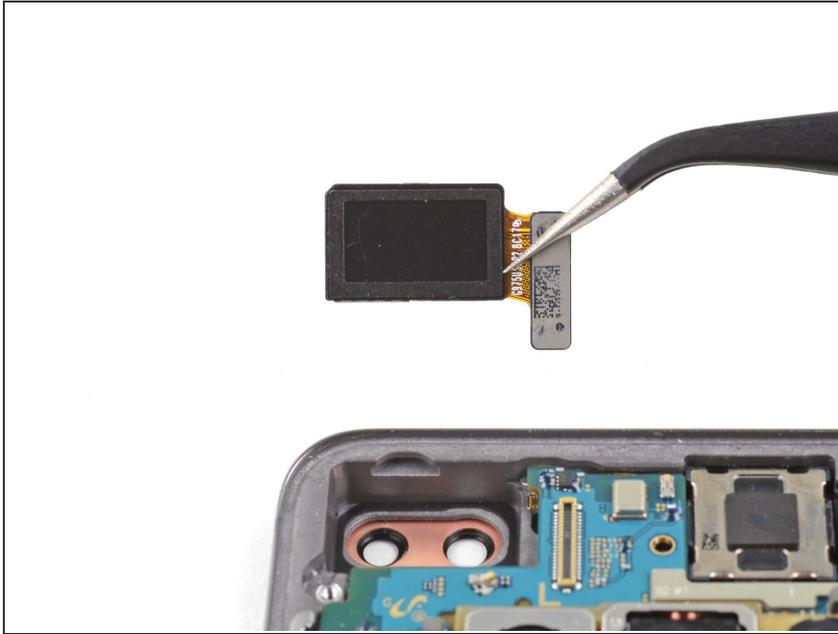
- Insert the flat end of a spudger underneath the battery connector, which is attached to the motherboard below the rear-facing camera.
- Pry upwards to disconnect the connector from its socket.
- ⚠ When you disconnect connectors like these, be careful not to dislodge the small surface-mounted components surrounding the socket.
- Gently push the battery's flex cable away from the motherboard socket to prevent accidental contact.

Step 14 — Front-Facing Camera Module



- Use the point of a spudger to pry up and disconnect the front-facing camera connector from its motherboard 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. Do not press down on the middle. If the connector is misaligned, the pins can bend, causing permanent damage.

Step 15



- Remove the front-facing camera module.

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

After you've completed the repair, [follow this guide](#) to test your repair.

Repair didn't go as planned? Check out our [Answers community](#) for troubleshooting help.