



Samsung Galaxy S9 Plus Fingerprint Sensor and Camera Lens Cover Replacement

This guide shows how to remove the fingerprint sensor and the camera lens cover in the Samsung Galaxy S9+.

Written By: Dominik Schnabelrauch



INTRODUCTION

Use this guide to remove the fingerprint sensor and the camera lens cover in the Samsung Galaxy S9+.

Opening the Samsung Galaxy S9+ will **damage the waterproof sealing** on the device. If you do not replace the adhesive seals, your phone will **function normally**, but will **lose its water-protection**.

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



TOOLS:

- [iOpener](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Spudger](#) (1)
- [Suction Handle](#) (1)
- [Tweezers](#) (1)



PARTS:

- [Galaxy S9 and S9 Plus Fingerprint Sensor](#) (1)

Step 1 — Rear Glass Removal



- Switch off your phone.
 - [Use an iOpener](#) to loosen the adhesive beneath the rear glass. Apply the iOpener for at least two minutes. You might want to repeat this step several times during the back cover removal.
- ⓘ The adhesive of the Samsung Galaxy S9 Plus is very strong. A hair dryer, heat gun, or hot plate may also be used if you aren't able to open the device with the iOpener. Be careful not to overheat the phone—the AMOLED display and internal battery are both susceptible to heat damage.

Step 2



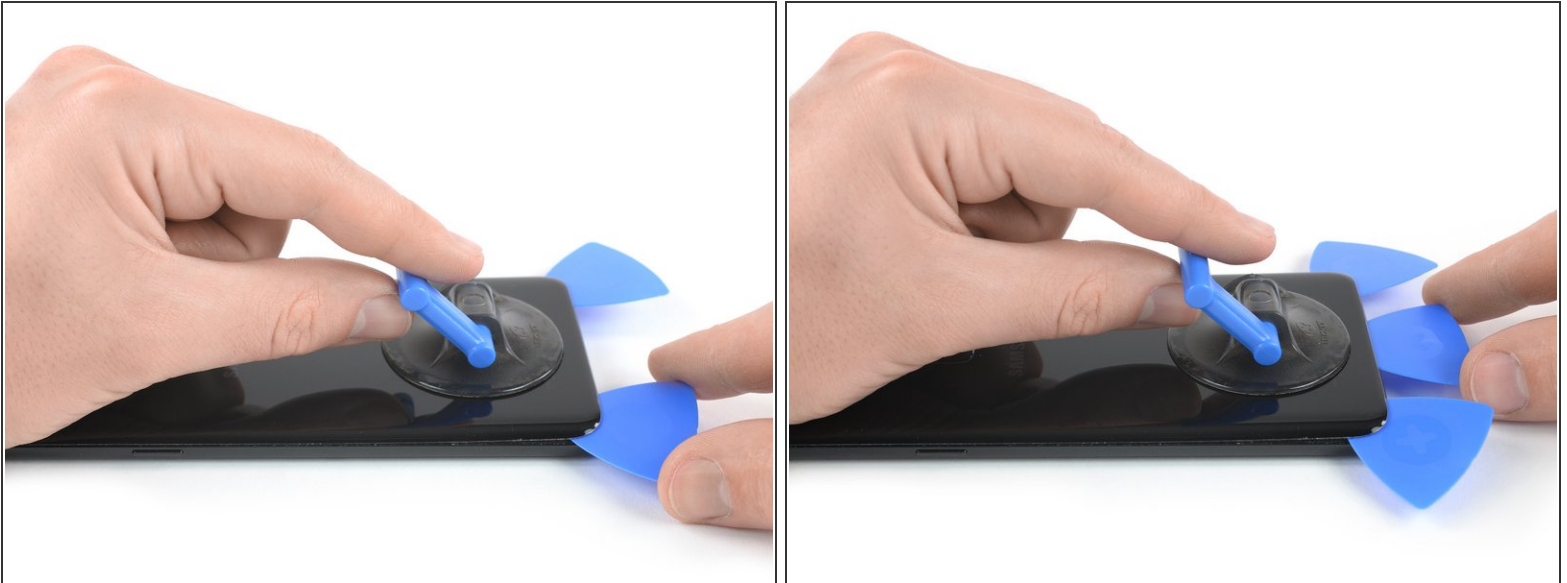
- In the following steps, you'll be cutting through the adhesive securing the back cover.
- ⓘ The adhesive in the inside of the back cover is laid out as seen in the image.
- You'll be slicing through the adhesive in the areas shown:
 - Thick portions of adhesive
 - Thin areas of adhesive
 - **Avoid prying or slicing in this area, to protect the fingerprint sensor flex cable.**

Step 3



- ❗ If the phone's rear glass is cracked, the suction cup may not stick. Try [lifting it with strong tape](#), or superglue the suction cup in place and allow it to cure so you can proceed.
- Press a suction cup onto the back cover.
- Lift the back cover's bottom edge with your suction cup, opening a slight gap between the back cover and the frame.
- ❗ This may require a significant amount of force, but you only need to open a very slight gap with the suction cup to insert your tool. If you have trouble, apply more heat to further soften the adhesive, and try again. The adhesive cools very fast, so you may need to heat it repeatedly.
- Insert an opening pick in the gap and slide it to the bottom right corner.

Step 4



- Insert a second opening pick and slide it to the bottom left corner.
- Insert a third opening pick at the bottom end of the phone. This opening pick stays there during the rear glass removal procedure to prevent the adhesive from resealing.

Step 5




- Start to slide the tip of the opening pick from the bottom left corner along the side of the S9 Plus.
- Leave the opening pick in its place after you cut the adhesive half way up the left side of the phone.
- Slide the opening pick from the bottom right corner half way up the frame and leave it there.

Step 6



- Insert a fourth opening pick at the right side of the frame and slide it to the top right corner.
- Slide a fifth opening pick along the left side of the phone to the top left corner.
- Use the opening pick to cut the remaining adhesive under the upper part of the rear glass.

 Don't open the phone all the way yet. The flex cable for the fingerprint reader is still connected to the motherboard.

Step 7



- Carefully lift the side of the rear glass where the volume button is located.
- Use the edge of a spudger to pry up and disconnect the fingerprint sensor flex cable.

Step 8



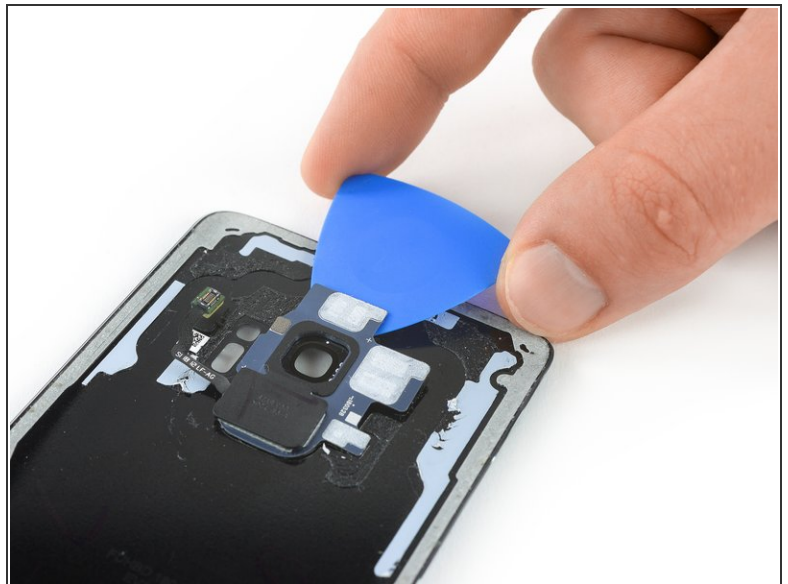
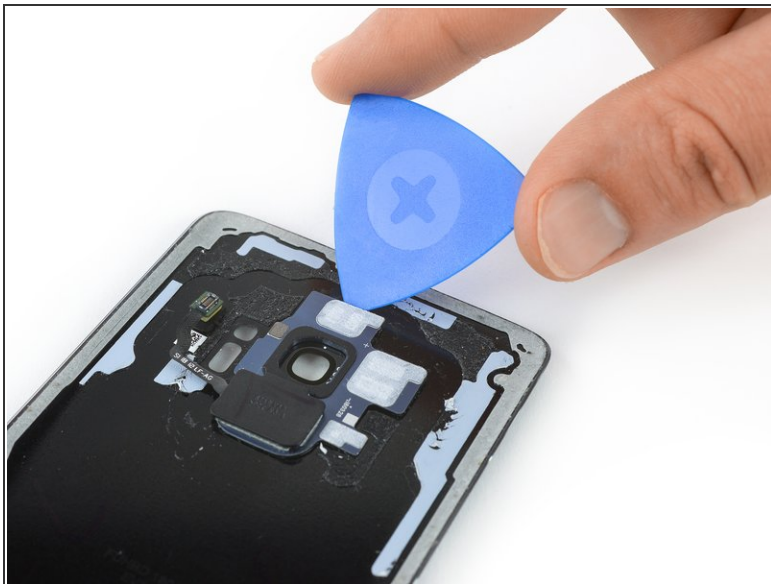
- Remove the rear glass.
- ★ When reassembling [follow this guide](#) to replace the adhesive and reinstall the rear glass.
- ★ In case you want to replace your rear glass [follow this guide](#) to transfer the rear camera bezel including the fingerprint.

Step 9 — Camera Lens Cover



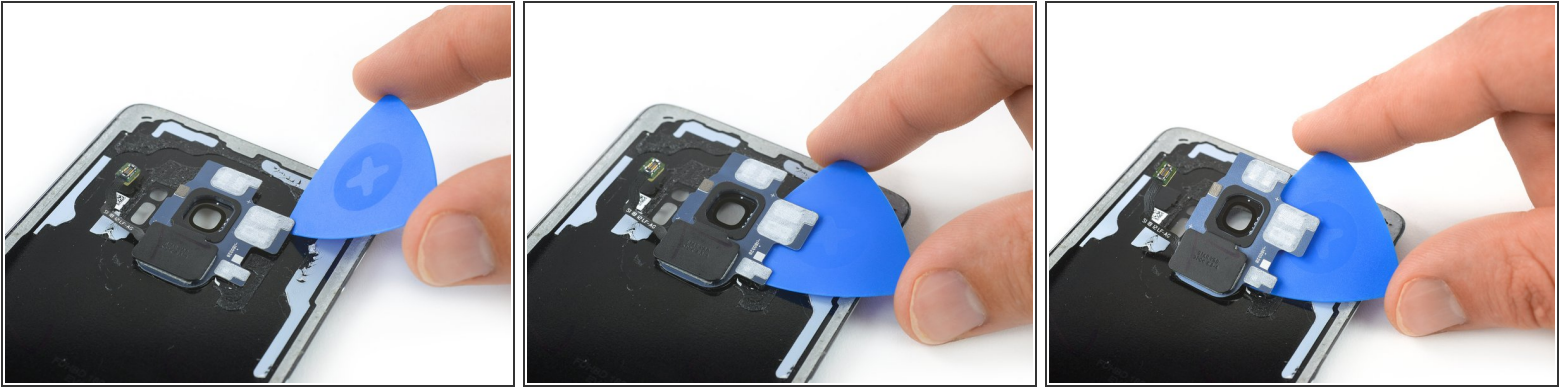
- Apply a [heated iOpener](#) to the rear camera lens cover. Apply the iOpener for at least two minutes.
- ⓘ The adhesive under the rear camera bezel is very strong. A hair dryer, heat gun, or hot plate may also be used if you aren't able to open the device with the iOpener. Be careful not to overheat the phone.

Step 10



- Slide an opening pick between the top edge of the bezel and the rear glass.
- ⓘ If you can't manage to insert an opening pick between rear glass and the rear camera bezel, you can try to cut the adhesive with a playing card.
- Use the opening pick to cut the adhesive beneath the upper part of the bezel.

Step 11



- Insert the opening pick beneath the right side of the rear camera bezel.
- Slide the opening pick along the bezel to cut the adhesive.
- Twist the opening pick sideways to pry up the rear camera bezel including the fingerprint sensor.

Step 12



- Use a pair of tweezers to remove the rear camera bezel including the fingerprint sensor.
- ☑ If you're going to apply new adhesive remove any remaining adhesive from the bezel and clean the glued areas with isopropyl alcohol and a lint-free cloth.
- ☑ Follow this [general Galaxy S adhesive guide](#) for applying new adhesive on the rear camera bezel and the rear glass.

Secure the new back cover with pre-cut adhesive or double-sided adhesive tape.

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

After installing the rear cover, apply strong, steady pressure to your phone for several minutes to **help the adhesive form a good bond**, such as by placing it under a stack of heavy books.