



Samsung Galaxy S8 Back Glass Replacement

How to replace the back glass cover on a Samsung Galaxy S8.

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INTRODUCTION

Drop your S8? Keep it in the same pocket as your keys?

Chances are the glass back is already shattered. Use this guide to replace the back panel glass on the Samsung Galaxy S8.

If your replacement part does not come with adhesive mounted on it, you will also need to purchase adhesive for the rear glass and the fingerprint reader. You can buy pre-cut adhesive, or thin high-bond tape.

TOOLS:

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

PARTS:

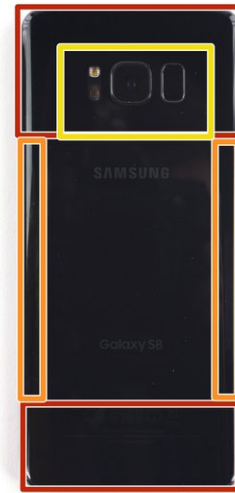
- [Galaxy S8 Rear Glass Panel/Cover](#) (1)
- [Galaxy S8/S8+ Fingerprint Sensor Adhesive Gasket](#) (1)
- [Galaxy S8 Rear Glass Panel/Cover - Original](#) (1)
- [Galaxy S8 Rear Cover Adhesive](#) (1)
- [Tesa 61395 Tape](#) (1)
Thin, high-bond tape is required if the replacement part does not come with adhesive.
- [Galaxy S8 Fingerprint Sensor](#) (1)

Step 1 — Back Glass Assembly



- i** Opening your phone will compromise its waterproof seals. Have replacement adhesive ready before you proceed, or take care to avoid liquid exposure if you reassemble your phone without replacing the adhesive.
- [Heat an iOpener](#) and apply it to a long edge of the S8 for about 2 minutes.
- i** You may need to reheat and reapply the iOpener several times to get the phone warm enough. Follow the iOpener instructions to avoid overheating.
- !** A hair dryer, heat gun, or hot plate may also be used, but be careful not to overheat the phone—the OLED display and internal battery are both susceptible to heat damage.
- i** As you're waiting for the adhesive to soften, move on and read the following step to get an idea of where to pry.

Step 2



- In the following steps you will be cutting through the adhesive around the edge of the rear glass panel.
- The adhesive on the rear case is laid out as seen in the first image.
- The prying pattern as seen from the outside of the phone is as follows:
 - Thick portions of adhesive
 - Thin areas of adhesive
 - Avoid prying here, to protect the fingerprint sensor.

Step 3



- Once the back panel is warm to the touch, apply a suction cup as close to the heated edge of the phone as you can while avoiding the curved edge.
 - ⓘ The suction cup will not make a good seal on the curved portion of the glass.
 - ⓘ If the phone's back cover 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.
- Lift on the suction cup, and insert a halberd spudger, or opening pick, under the rear glass.
 - ⓘ Due to the curved glass, you will be pushing up, rather than inserting parallel to the plane of the phone.

Step 4



- Once you have the tool firmly inserted into the glass, [reheat](#) and reapply the iOpener to soften the adhesive.

Step 5



- Slide an opening pick or the blade of a Halberd spudger down the side of the phone, separating the adhesive.
- ⓘ Go slowly so that the tool doesn't slip out of the seam. If cutting becomes difficult, reheat and reapply the iOpener.

Step 6



- Repeat the previous heating and cutting procedure for the remaining three sides of the phone.
- Leave an opening pick on each side as you continue to the next to prevent the adhesive from resealing.

Step 7



- i The fingerprint sensor cable connects the phone to the rear glass near the main camera. The cable is very short and should disconnect as the rear glass is removed.
- ! As you lift the glass, peek in to be sure the orange cable with a blue connector has disconnected.
- Use the opening picks to slice through any remaining adhesive and open the phone slightly.
- ! If the fingerprint sensor cable seems snagged or stays taut do not open the phone any further. Disconnect the connector with the point of a spudger before proceeding.
- ✦ During reassembly, in order to reconnect the fingerprint sensor cable, first angle the back cover into position until the cable connector lines up perfectly over its socket. Then, use the flat end of your spudger to gently snap the connector into place by pressing it straight down.
- Remove the glass from the phone.

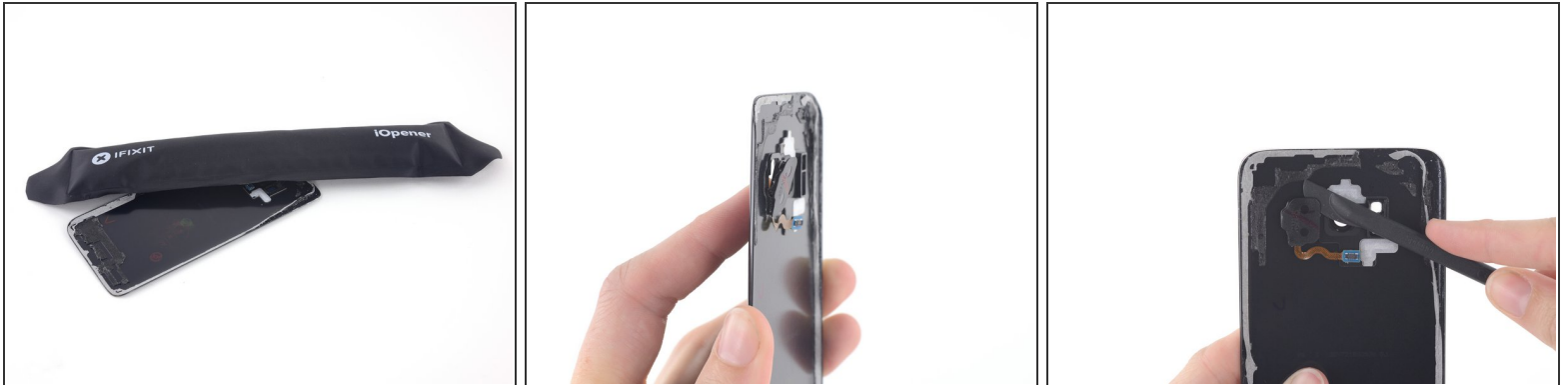
Step 8



- ✦ To install a new back cover:
 - Use tweezers to peel away any remaining adhesive from the phone's chassis. Then clean the adhesion areas with high concentration isopropyl alcohol (at least 90%) and a lint-free cloth to prep the surface for the new adhesive.
 - Peel the adhesive backing off of the new rear glass, carefully line up one edge of the glass against the phone chassis, and firmly press the glass onto the phone.
- ✦ [Follow this guide](#) to reinstall the old back cover, or to install a back cover without pre-installed adhesive.
- ⓘ Be sure to turn on your phone and test your repair before installing new adhesive and resealing the phone.
- ⓘ If desired, you may reinstall the back cover without replacing the adhesive. Remove any large chunks of adhesive that might prevent the back cover from sitting down flush. After installation, heat the back cover and apply pressure to secure it. It won't be waterproof, but the glue is usually more than strong enough to hold.

- ★ You may also need to transfer the camera bezel to your new part. If that's the case, follow our [camera bezel replacement guide](#).

Step 9 — Fingerprint Sensor



- If you're installing a new rear glass panel, you'll also need to transfer the fingerprint sensor to your new rear glass panel as follows:
 - Reheat an iOpener and apply it to the fingerprint sensor mounted to the rear glass.
 - Push the fingerprint sensor off of its adhesive from the outside of the glass.
- If the sensor is stubborn, gently slide a halberd spudger or opening pick under the plastic backing to loosen the adhesive before pushing.
- ⓘ This will make the adhesive less likely to be reusable, so try pushing with your finger first.

Step 10



- If the fingerprint sensor adhesive is intact, it may be reused, but if damaged at all you should remove the old adhesive and apply replacements.
- After removing the old adhesive, clean the edges of the fingerprint sensor with high concentration isopropyl alcohol (at least 90%), then apply the new adhesive.

After reapplying adhesive, follow these instructions in reverse order to reassemble your device.