



Google Pixel 3 XL Back Panel Replacement

Follow this guide to remove and replace the glass back panel for your Pixel 3 XL.

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INTRODUCTION

This guide shows how to remove and replace the glass back panel for your Pixel 3 XL.

Depending on your replacement part, you may need to transfer additional parts to your new back panel. This guide includes additional steps to transfer the fingerprint sensor, flash diffuser, and camera bracket to a replacement back panel.

TOOLS:

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



PARTS:

- [Precut Adhesive Card](#) (1)
- [Google Pixel 3 XL Back Panel](#) (1)

Step 1 — Heat the edge of the back panel



- [Heat an iOpener](#) and apply it to the right edge of the back panel for a minute.
- *i* 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.
- While you wait, note the following areas on the back panel:
 - Strong adhesive—there are large patches of adhesive near the bottom of the phone.
 - Fingerprint sensor cable—be careful not to slice through the cable as you pry

Step 2 — Create a gap under the back panel



- Apply a suction cup to the heated edge of the back panel, as close to the edge as possible.
- Pull up on the suction cup with strong, steady force to create a gap.
 - Depending on the age of your phone, this may be difficult. If you are having trouble, apply heat to the edge and try again.
- Insert the point of an opening pick into the gap.

Step 3 — Loosen the right edge adhesives



- Slide the opening pick along the right edge to slice through the adhesive.
- The adhesive gums up and becomes hard to slice once it cools. If that happens, re-apply heat to the edge to make slicing easier.
- Once you have sliced through the edge, leave an opening pick in the seam to prevent the adhesive from re-sealing.

Step 4 — Heat the bottom edge of the back panel



- Apply a heated iOpener to the bottom of the back panel for a minute.

Step 5 — Slice through the bottom adhesives



- Use an opening pick to slice around the bottom right corner and continue along the bottom edge of the phone.
- Work slowly as you slice around the corner to prevent the panel from cracking. If the slicing becomes hard, re-apply heat.
- Leave a pick in the edge to prevent the adhesive from re-sealing.

Step 6 — Slice through the remaining edges



- Continue heating and slicing the remaining edges of the phone.
- Be careful as you slice along the left edge of the phone. If your pick feels like it's stuck near the top, you may have snagged the fingerprint sensor. Retract the pick out of the seam slightly and try again.
- Be sure to cut through the thick portions of adhesive near the bottom and right edge of the phone.

Step 7 — Slice through the leftover adhesive



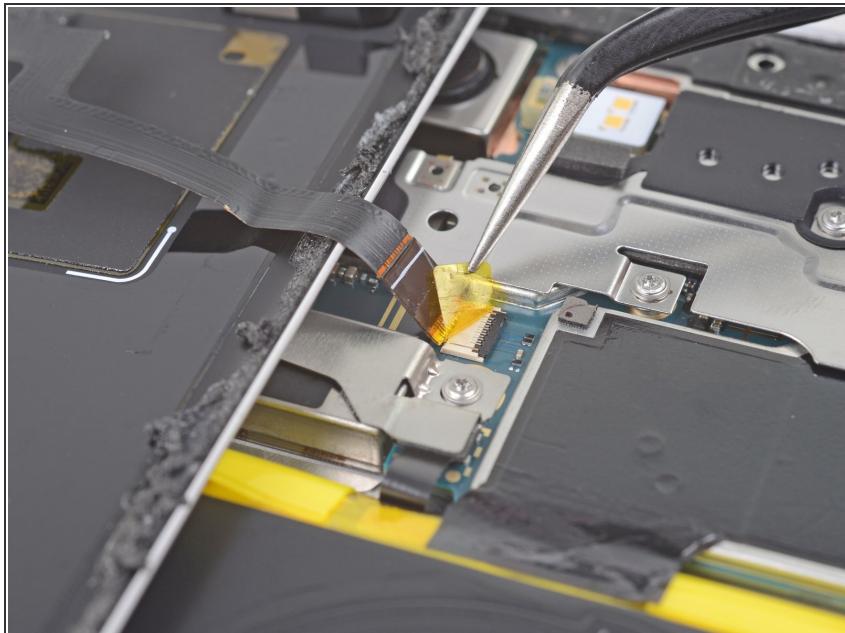
- Gently pry up the right edge of the back panel.
- Use an opening pick to slice through any remaining adhesive along the edges.

Step 8 — Swing open the back panel



- Swing the right edge of the back panel upwards and rest the flipped panel along the left side of the phone.
- ⓘ Be sure to maintain slack on the fingerprint sensor cable and prevent it from being pinched.
- ⚡ During reassembly, this is a good point to power on your phone and test all functions before sealing it up. Be sure to power your phone back down completely before you continue working.
- ⚡ During reassembly, [follow this guide](#) to install custom-cut adhesives for your back panel.

Step 9 — Remove the fingerprint sensor tape



- Use tweezers to carefully peel up and remove the yellow tape over the fingerprint sensor connector.

Step 10 — Disconnect the fingerprint sensor



- Use the point of a spudger to carefully flip up the black lock bar on the fingerprint sensor's ZIF socket.
- Grasp the cable's tab with your tweezers and gently walk the flex cable out of the socket.
 - To prevent shorting, be careful not to touch the metal contacts on the flex cable with your tweezers.

Step 11 — Remove the back panel



- Remove the back panel.

Step 12 — Heat the fingerprint sensor

- Apply a heated iOpener over the fingerprint sensor for a minute.



Step 13 — Pry up the fingerprint sensor



- Insert the edge of an opening tool underneath the square portion of the fingerprint sensor and slowly pry up to loosen the sensor.
- Continue prying around the perimeter of the fingerprint sensor until it is loosened.

Step 14 — Loosen the fingerprint sensor



- From the outer side of the back panel, use your finger to push the fingerprint sensor out of its cutout.

Step 15 — Remove the fingerprint sensor



- Remove the fingerprint sensor.

 If you are transferring the fingerprint sensor to a new back panel, use some double-sided tape such as [Tesa tape](#) to affix it to the new panel.

Step 16 — Remove the flash diffuser



- Insert the edge of an opening tool underneath the plastic flash diffuser and slowly pry up to loosen the diffuser.
- Remove the diffuser.

Step 17 — Remove the rear camera bracket



- Insert the edge of an opening tool underneath the camera bracket and pry up to loosen it.
- Remove and transfer the camera bracket to your replacement part.
- Compare your new replacement back panel to the original part. You may need to transfer additional components or remove adhesive backings from the new part before installing.

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

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.