



How to replace a broken back cover on a Sony Xperia Z3

Quick guide on how to replace a broken back panel on your Xperia Z3.

Written By: larsjj



INTRODUCTION

Quick guide on how to replace a broken back panel on your Xperia Z3.

TOOLS:

- Suction Handle (1)
- iFixit Opening Tools (1)
- Detailing Brush (1)
- Blow Dryer (1)
- iFixit Opening Picks set of 6 (1)

PARTS:

- Sony Xperia Z3 Back Cover Adhesive (1)
- Sony Xperia Z3 back cover (1)

Step 1 — The Phone.



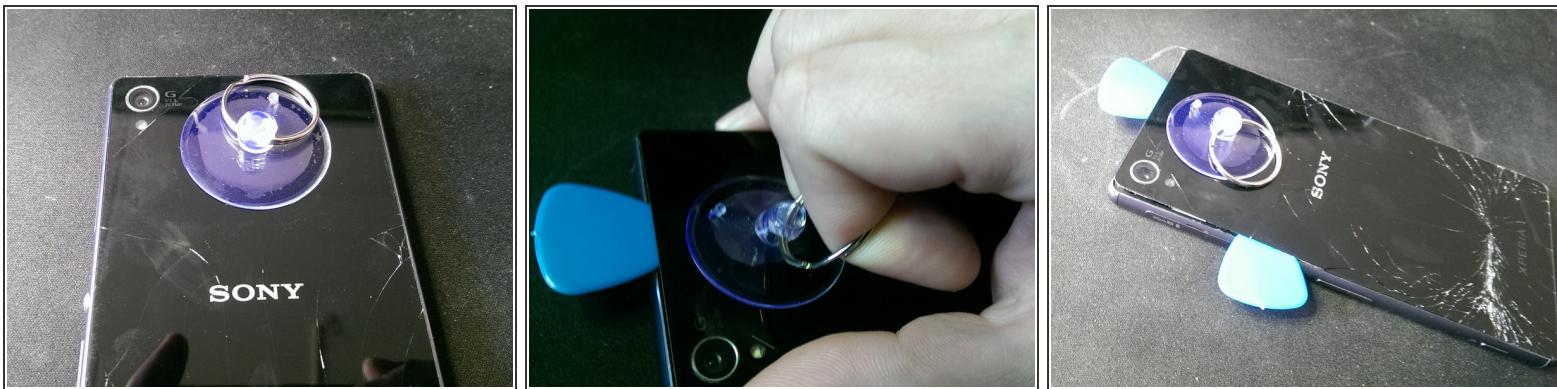
- The cover we are going to replace.

Step 2 — Heating.



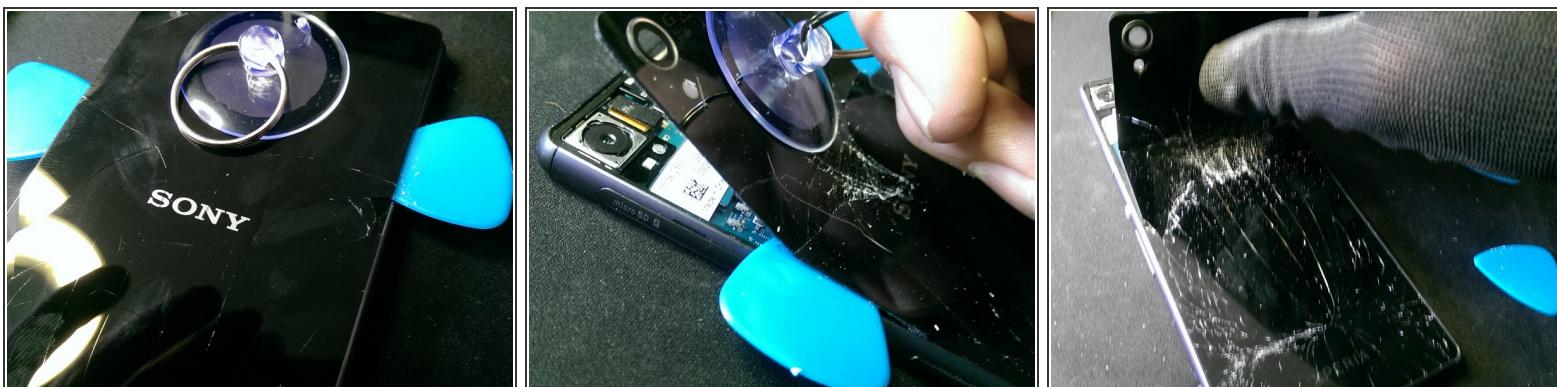
- Start by using a blow-dryer on the hottest setting. Heat the entire backside of the phone, and focus on the edges for a minute or two.

Step 3 — Loosening the cover.



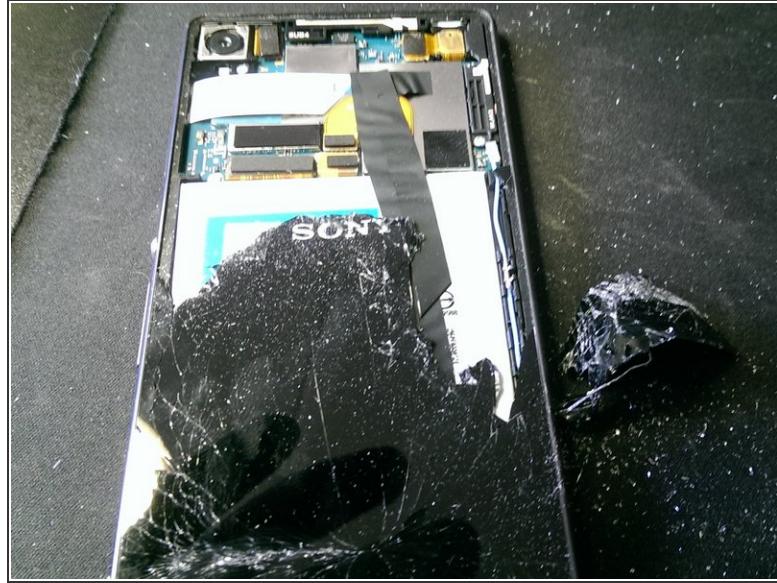
- Use a suction-cup to pull up the back-cover about 1mm. Insert a pick and use a second one to make the opening larger.

Step 4 — Removing the cover.



- Use the picks to get the cover off as far as possible. After this, wear gloves and try to pull off the glass. It will break in this step, so be careful for any pieces of sharp glass!

Step 5 — Removing glass.



- Continue removing the looser pieces. Use plastic tools, so you don't damage the electronics inside.

Step 6 — Removing the main piece



- Use the black tabs to pull the white double-sided tape. Remember not to pull these up, but stretch them to the sides. Pull carefully to avoid snapping.

Step 7 — More glass.



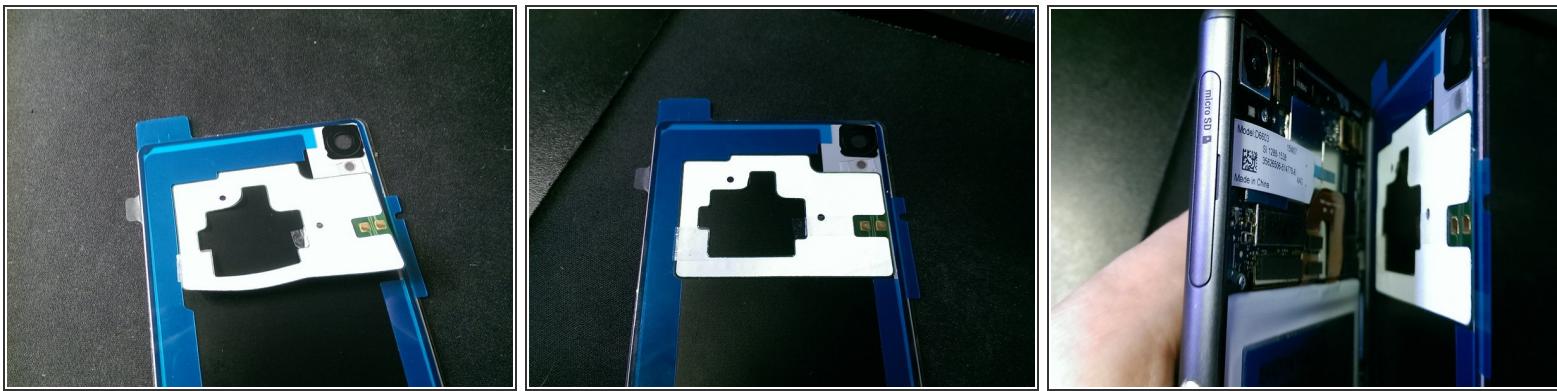
- You can now take off the glass that was attached to the battery.
- Carefully remove all the glass and tape that's left.
- Clean out all the glass with a small soft brush. I used the tip of an soft toothbrush.

Step 8 — NFC sticker.



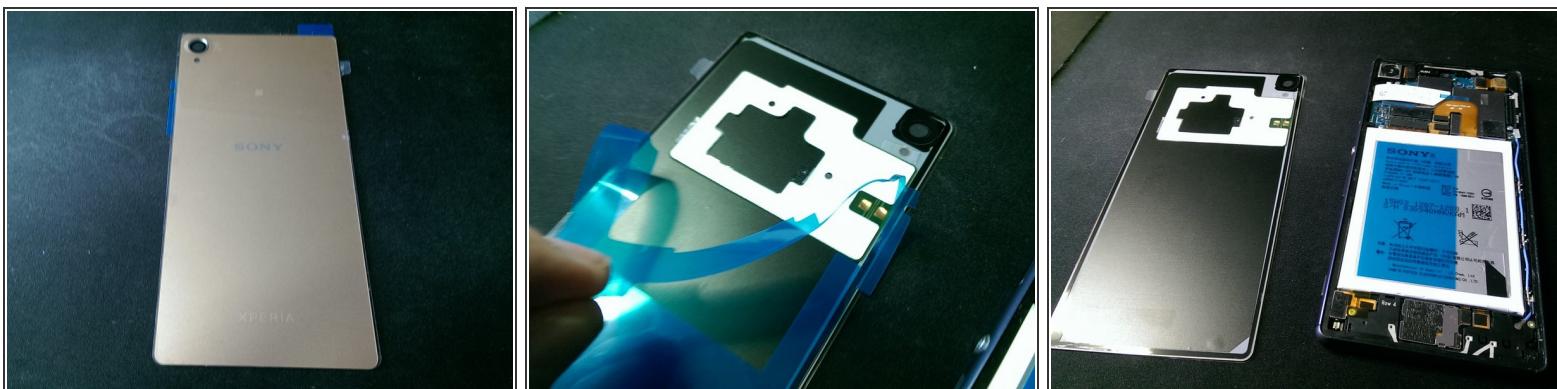
- Be sure to clean all the glass! Use tape to carefully pick up the small pieces.
- We still need to remove the NFC sticker to place in the new cover.
- Carefully peel it off the old cover.

Step 9 — Placing the NFC sticker.



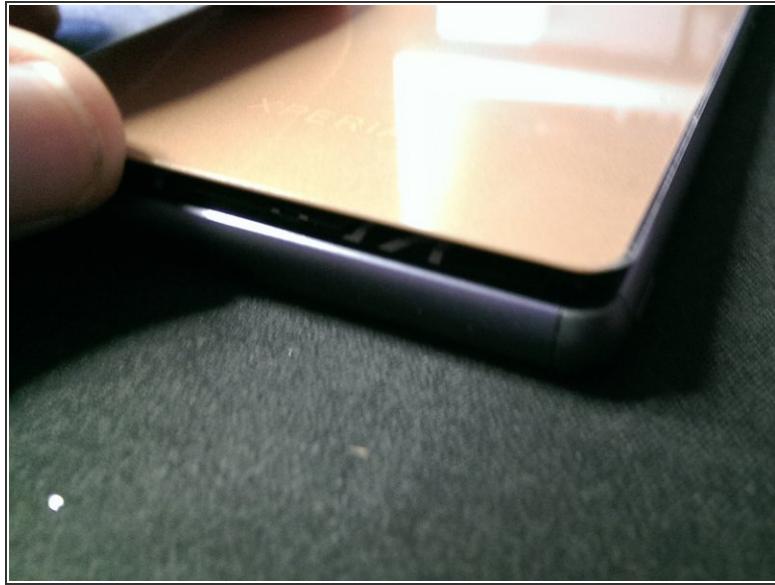
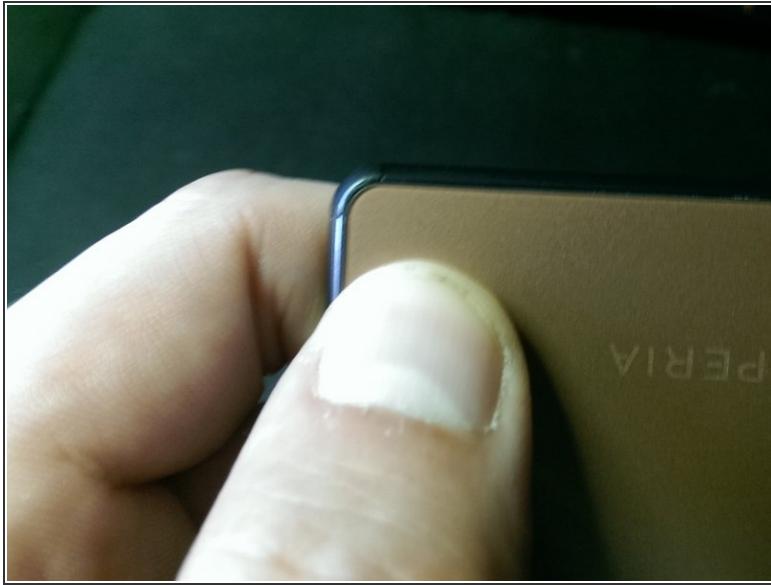
- Place the NFC sticker in the free space in the tape on the inside of the new cover.
- Press it down.
- The contact sensitive area on the sticker will line up with the connectors on the motherboard.

Step 10 — The new cover.



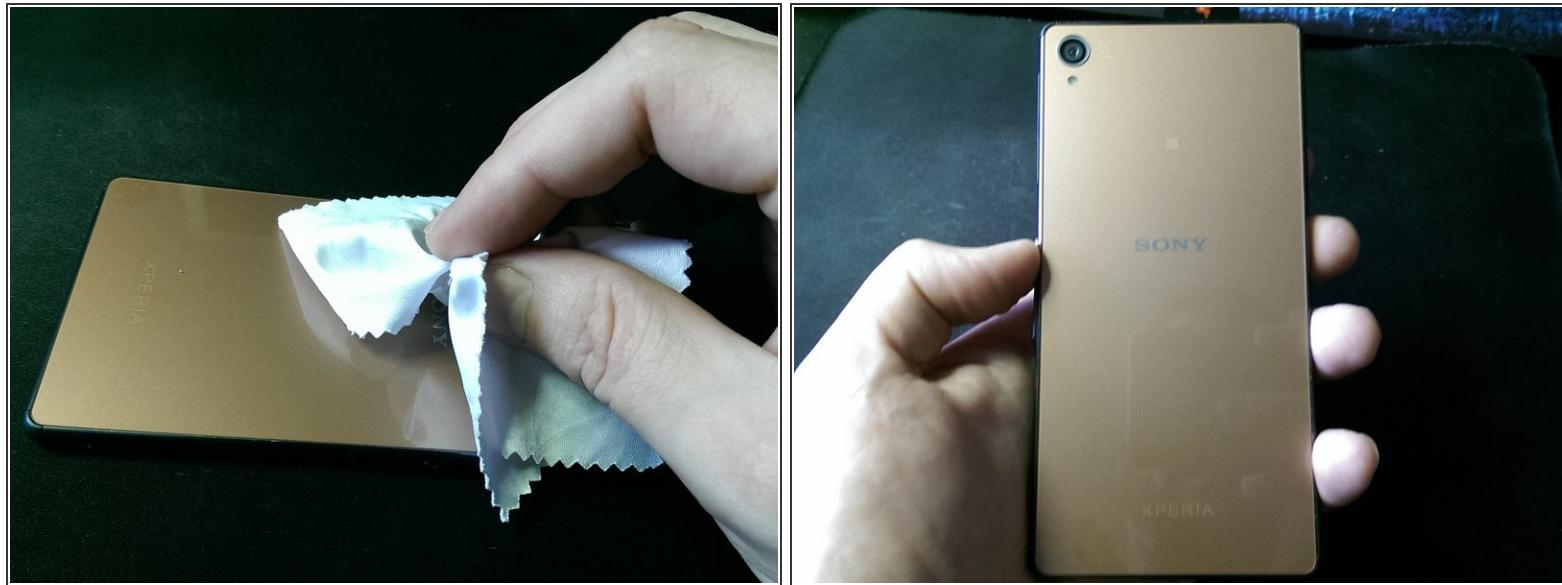
- This is our new cover. Why not a new color? Not too expensive on eBay. This is an aftermarket version.
- Peel off the protective plastic.

Step 11 — Placing the new cover.



- Line the cover up with one of the corners and align it along the long edge.
- Before you drop it in, you can make small adjustment to line it up with the opposite corner.
- Gently press it down along all edges and about two thirds down, where the cover sticks to the battery.

Step 12 — Finishing touches.



- Wipe all smudges off the back with a microfiber cloth.
- Give it one last press along the edges while wiping.
- And we're done. A nice new gold back cover for an Xperia Z3.
- If you want you can protect the glass with a tempered screen-protector. Keep in mind that this may influence your case choice.

The phone is normally waterproof, and should still be, after this repair. However, I have not tested it, so I can not give a conclusive answer on how water-proof the device stays after repair.