



Sony Xperia Z3 LCD Display Replacement

Completely replace your LCD Display

Written By: Paku83



INTRODUCTION

Can't guarantee the success of the repair. You are opening up your device on your own risk.

TOOLS:

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

PARTS:

- [Sony Xperia Z3 Compact LCD screen](#) (1)
- [Sony Xperia Z3 Display Adhesive Strips](#) (1)

Step 1 — Removing the back cover



- You need to heat up the back side of the phone with a hairdryer or with a special tool, like I did, all the way up to 70°C, first.
- Use a sprudger or a guitar pick and work your way around the perimeter of the phone to separate the back cover from the rest. Leave the picks clamped so that it doesn't close.

Step 2



- With a pair of tweezers, you should be able to pull out two black tabs. As soon as you can grab them, pull strongly. Then, similar to the iPhone 6, the glue dissolves and you should be able to lift the cover up and away.

Step 3 — Removing the battery



- Disconnect the battery as shown in the picture and remove it from the phone.
- Also, remove the adhesive strip in the lower right side.

Step 4 — Removing the speaker



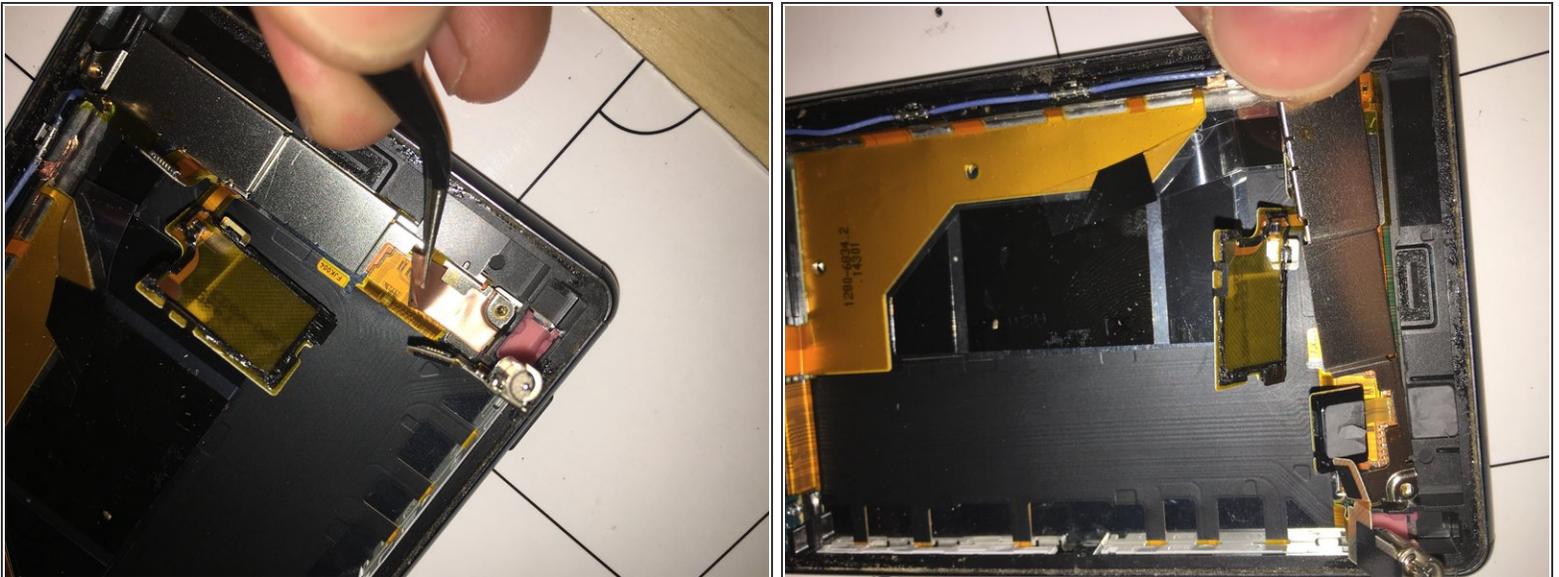
- Use a Philips screwdriver to remove the 2 screws and the antenna.
- Use tweezers to open up the clips.
- Disconnect the 2 ribbon cables.
- Then, pull out the plastic cover upwards and forward. Make sure you don't break it.

Step 5 — Removing the speaker



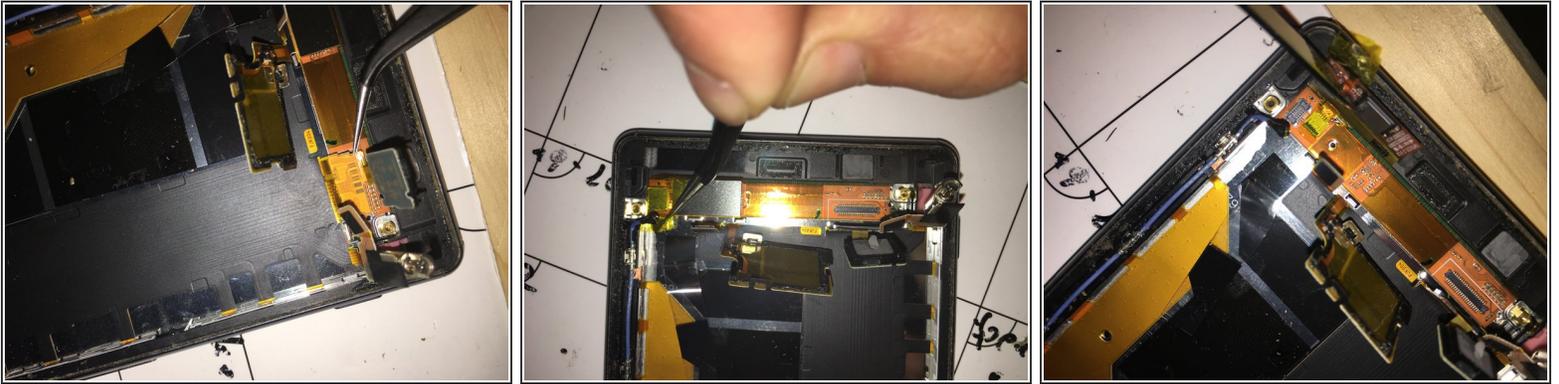
- Carefully take out the cover of the microphone. Be very careful, there are ribbon cables underneath.
- Remove the entire assembly now.

Step 6



- Remove the copper foil, bend the microphone backwards and remove the aluminium shield.

Step 7



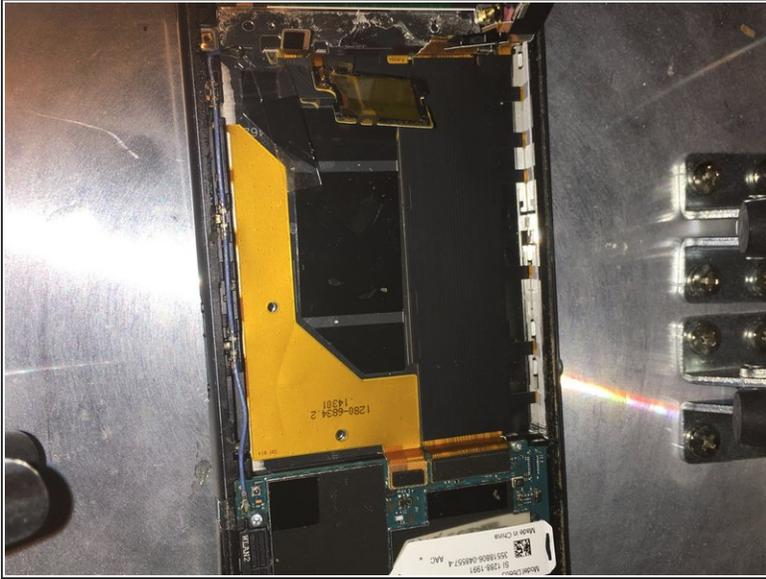
- Disconnect the next ribbon. To do that remove the yellow foil and take out the silver plate.

Step 8



- Using a flat tool you can now remove the entire board.

Step 9 — Removing the display



- Using the same technique as when removing the back cover, heat up the display with a hairdryer or with a similar tool, then carefully remove it.
- I recommend that you use protection, as the glass in the panel may break.

Step 10



- Carefully pull off the display and pull the cables out of the slot. If you need the mesh, remove it from the glass and stick it to the new one. Same goes for the speaker.
- Now clean the edges of all adhesive residues, place the new adhesive strips and thread the display connector through the slots. Press firmly and you're finished.

Can't guarantee the success of the repair. You are opening up your device on your own risk. To reassemble your device, just follow the steps in reverse order.