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Porque Yo Lo Reparo

## Step by step tutorial: of Sony Xperia Z3 The main antenna

For this tutorial you will need the following spared parts and tools that you cant get at our online store [Impextrom.com](http://Impextrom.com)  
Click on a tool for visit the website.



Head made of  
synthetic carbon steel  
with titanium handle

18,63 €



Estación de  
soldadura digital  
doble, Baku 601D  
SMD

58,73 €



Opening tool  
Smartphone, tablet

2,19 €



Special SAT 0.75mm  
high friction PVC pick

1,07 €



Suction cup for  
disassembling and  
repairing

0,51 €



Smartphones and PC  
repair tool case

35,92 €

### Step 1 - Sony Xperia Z3

#### **Technical characteristics:**

**Physical Dimensions:** 146 x 72 x 7.3 mm, 152 grams

**Screen:** IPS 5.2 inches

**Resolution:** 1080p (424 dpi)

**Processor:** Qualcomm Snapdragon 801 (MSM8974AC), quad-core at 2.5 GHz

**RAM:** 3 GB

**Memory:** 16 GB (expandable with microSD)

**Software version:** Android 4.4.4 (KitKat)

**Connectivity:** Wi-Fi 802.11ac, LTE, NFC, GPS, Ant +, USB 2.0, Bluetooth 4.0

**Cameras:** Main 20.7 MP (1 / 2.3 ") with 4K recording, front of 2.2 MP (video 1080p)

**Battery:** 3,100 mAh

**Protection:** IP65 and IP68

Before starting make sure that the mobile is off.



## Step 2

Like the rest of the Xperia Z range, the back cover is glued with an adhesive that guarantees the tightness of the equipment.

We will apply heat to the back cover to soften the glue and to peel off easily.

We suggest 2 methods:

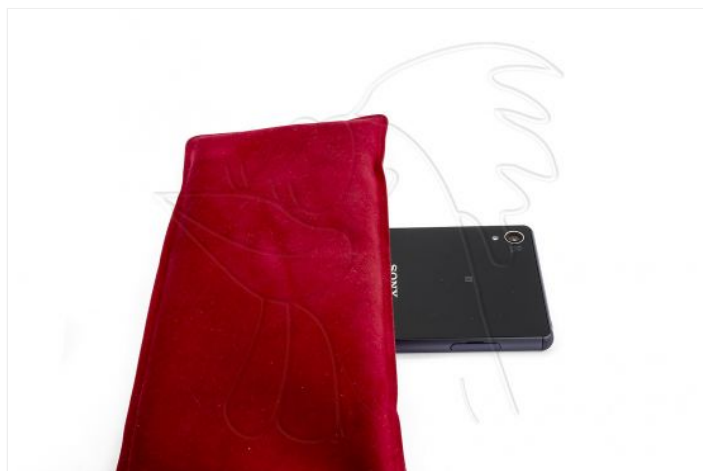
1. **Hot Glass:** Heat blanket for microwaves. (Advised)
2. **Hot air nozzle:** Included in the SMD welding stations.



## Step 3 - Opening

Heat the Hot Glass in the microwave for a couple of minutes (see instructions) and apply heat for a couple of minutes directly to the back cover.

If you use the hot air nozzle, a few seconds will suffice.





#### Step 4

Insert the tip of a tine behind the back cover and go around the entire contour, releasing the thin adhesive strip.

Use a suction cup to gently pull the lid.



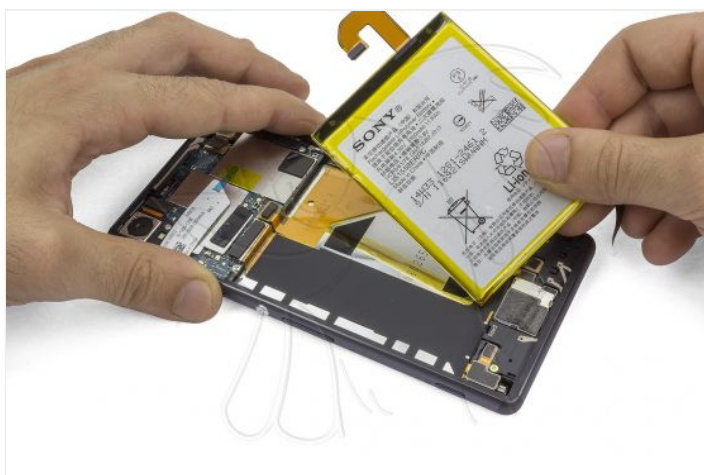




## Step 5 - Battery

Disconnect the battery from the motherboard.

Pull the plastic notch on the bottom to detach the battery.



## Step 6 - Bottom module

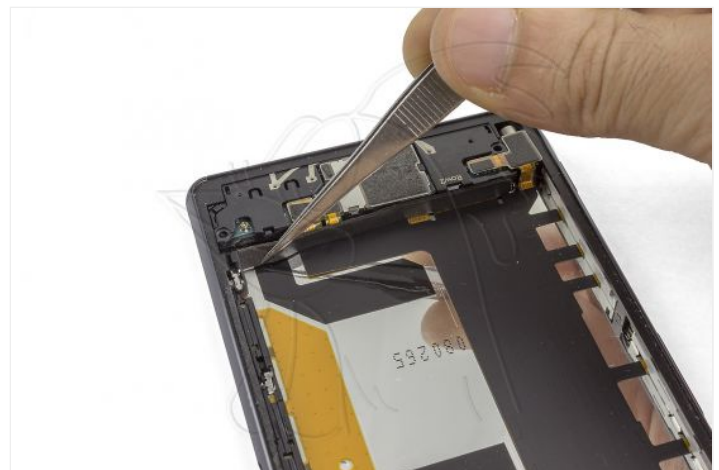
Remove the 2 Phillips screws that hold the lower module.

Disconnect the lower end of the coaxial cable.

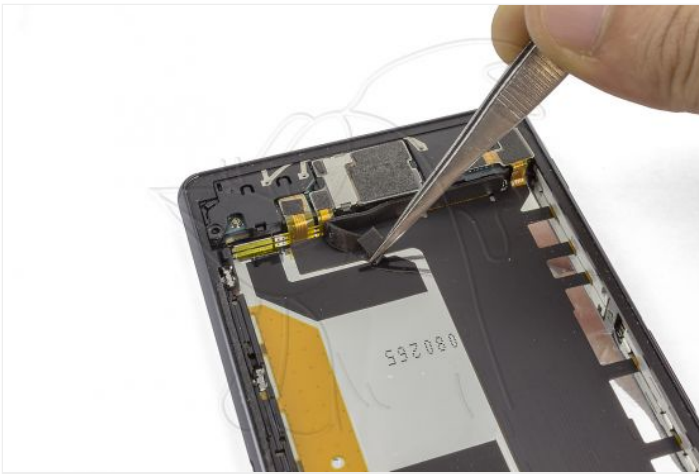


## Step 7

Remove the adhesive strip that protects the lower flex.







## Step 8

Remove the metal support that covers the speaker flex.





## Step 9 - Vibrator

Unplug the vibrator and extract it from its position, leaving it held by the flex cable.





## Step 10

Disconnect the connector and detach the flex with terminals that cover the speaker.



## Step 11 - The main antenna

Release the plastic tabs by pushing up.



## Step 12

Finally, push the plastic antenna towards the top of the equipment to remove it.



