



Sony Xperia Z3 Compact Teardown

Complete Sony Xperia Z3 Compact teardown.

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INTRODUCTION

Complete teardown of the Sony Xperia Z3 Compact.

TOOLS:

- [Heat Gun](#) (1)
 - [Suction Handle](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
 - [Tweezers](#) (1)
 - [Spudger](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Remove back cover



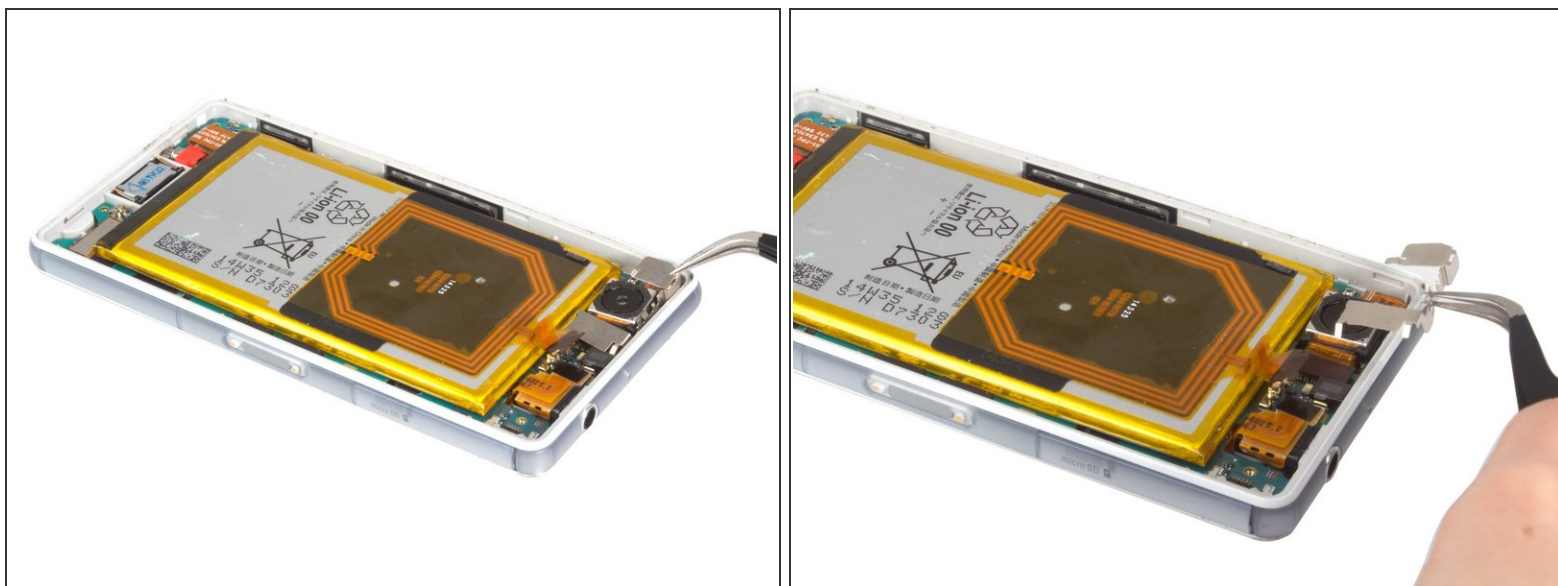
- Apply heat to weaken adhesive. If using a heat gun, use a higher temperature such as 150°C for a minute because the waterproof adhesive sticker is strong.
- Place the suction cup and pull to create a gap. Insert a guitar pick to cut the sticker and remove the back cover.

Step 2 — Remove back frame



- Sony Xperia Z3 Compact NFC is stuck to the battery and connected with the motherboard by metal springs, so free the connector at first.
- Remove all five screws from the rear frame.
- Starting from the left corner, pry up the rear frame. There is no adhesive, so it's not difficult.

Step 3 — Remove rear camera



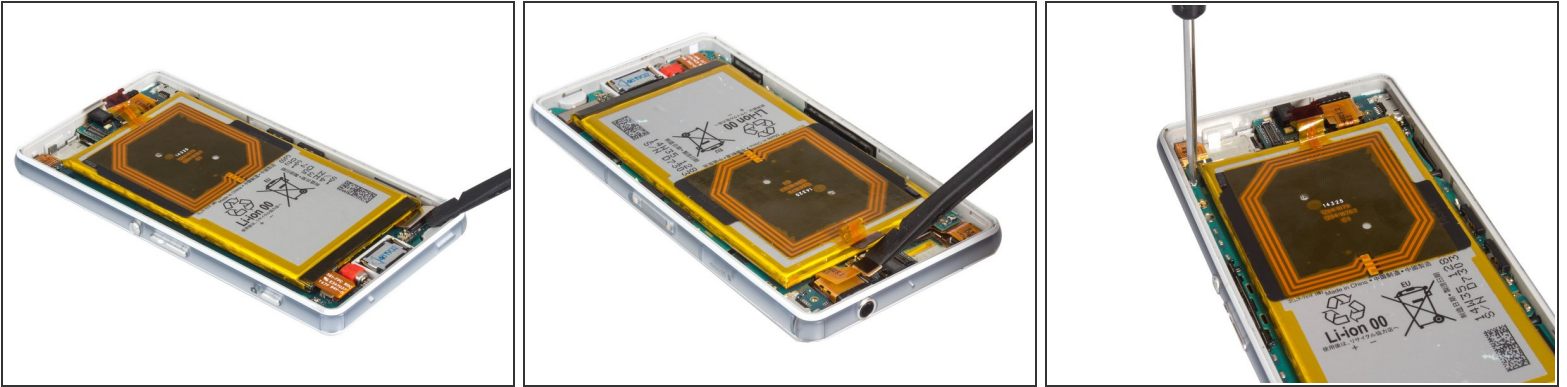
- Remove rear camera securing bracket.

Step 4



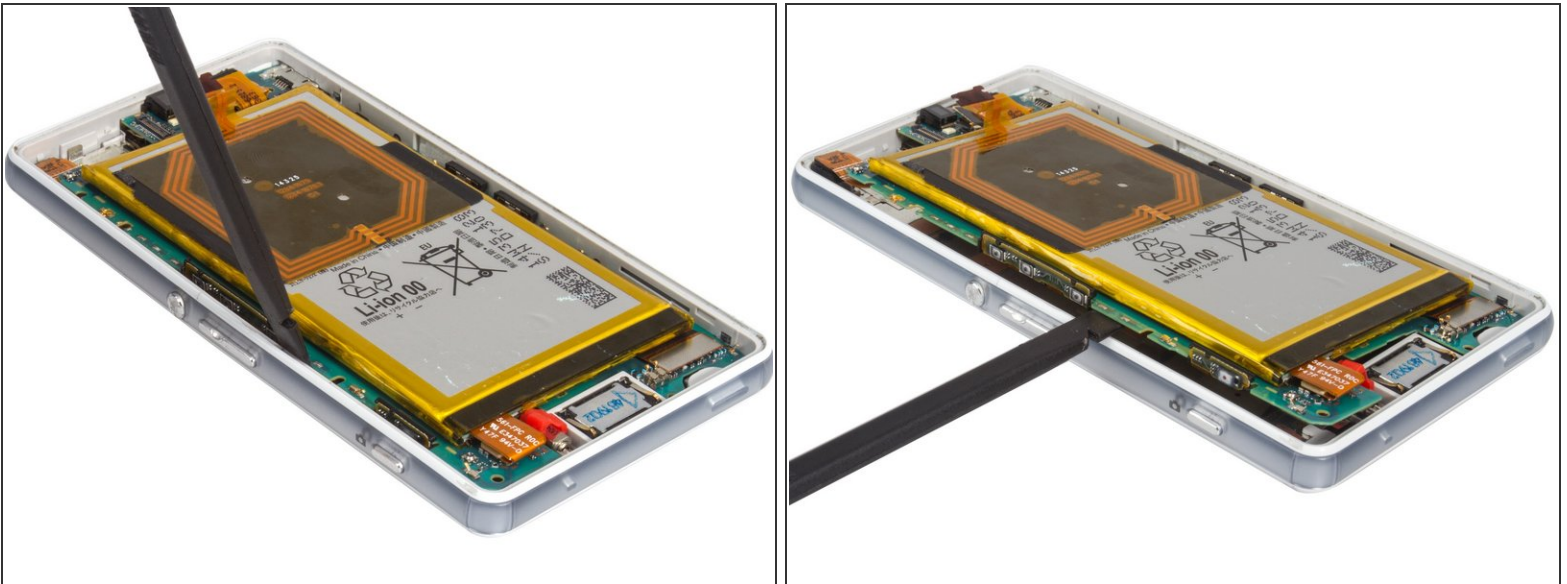
- Release rear camera connector and take it away easily.

Step 5 — Remove motherboard



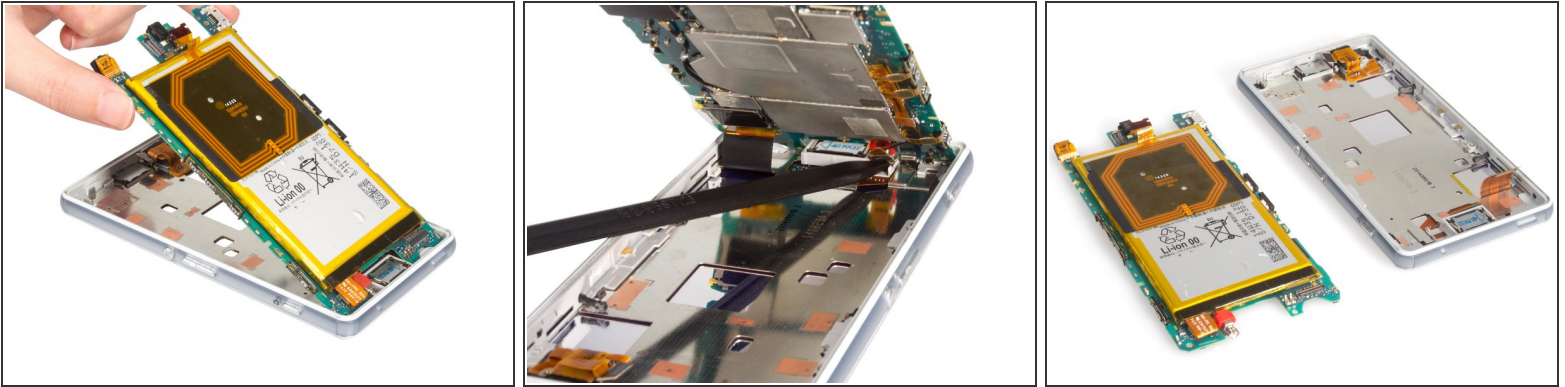
- Release all the connectors connecting with motherboard including the LCD screen connector and headphone jack connector. Undo the only screw on the motherboard.

Step 6



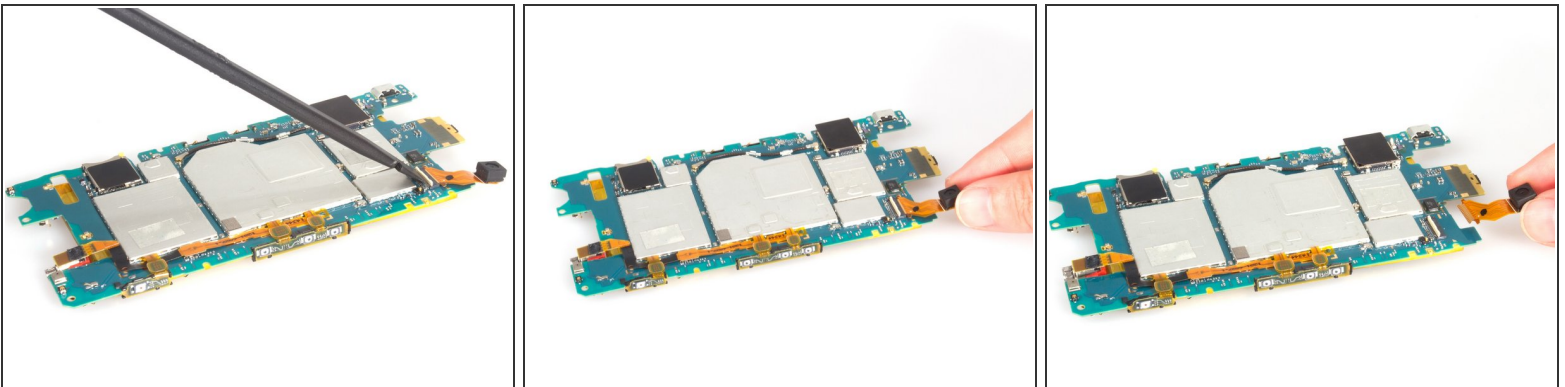
- Pry up the motherboard from left side but avoid side buttons. It should come off easily since there is no adhesive sticker underneath.

Step 7



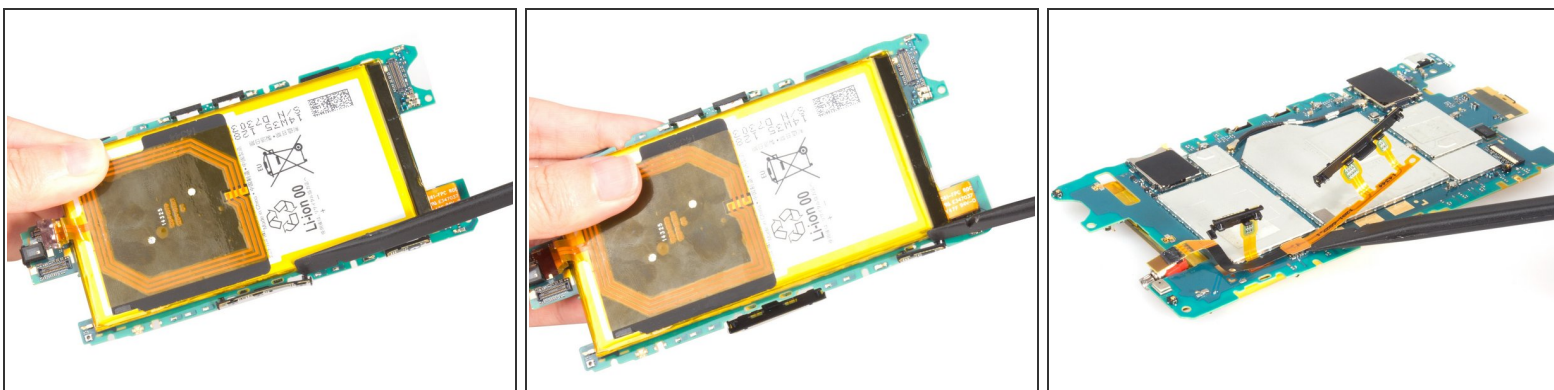
- Before removing the whole motherboard assembly, we need to get the motor vibration free from it's sticker. It's not strong and easy to handle.
- There are front camera, main flex, signal cable and battery come with the motherboard.

Step 8 — Remove front camera



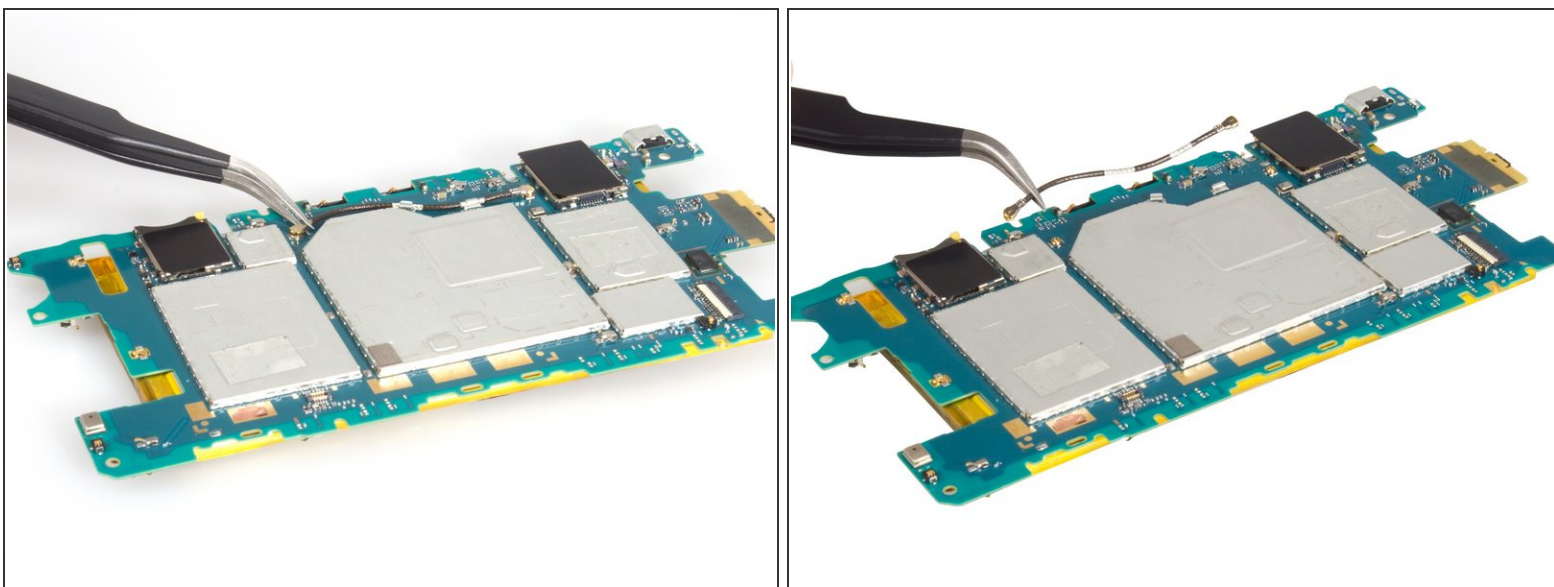
- Release the connector and remove the camera easily.

Step 9 — Remove main flex



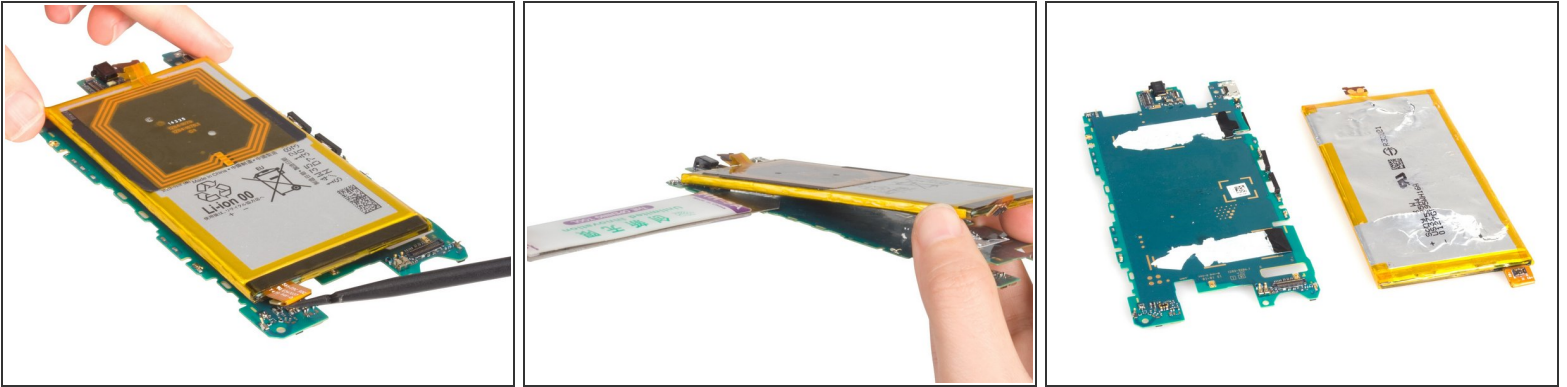
- The side buttons are fastened by clasps, which are easily freed. Release the connector and remove the main flex.
- The main flex is smaller than other Xperia Z series devices.

Step 10 — Remove signal cable



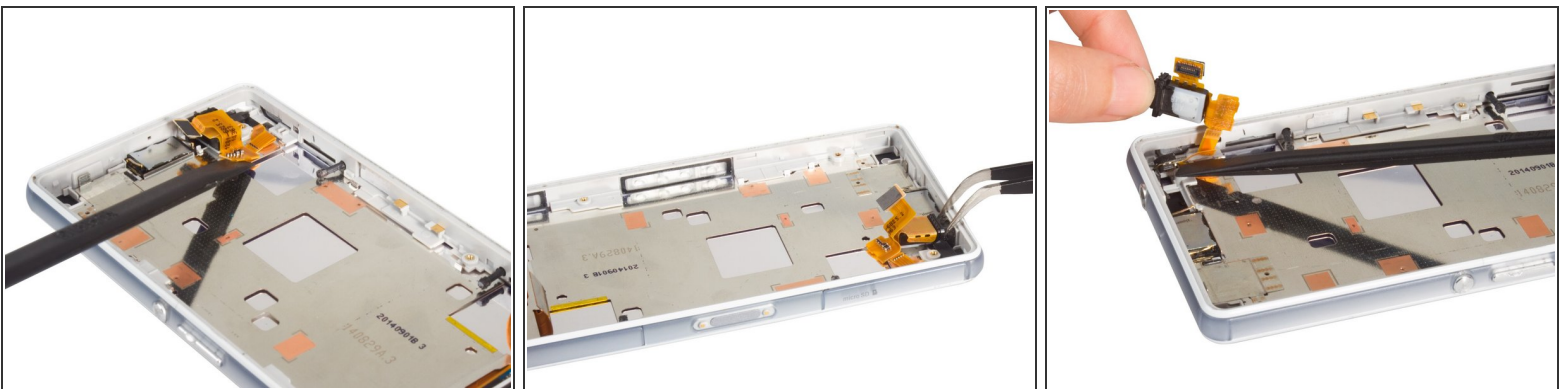
- Remove signal cable.

Step 11 — Remove battery



- Detach the connector to the motherboard.
- Next pull firmly on the two small black tabs protruding from underneath the battery. This stretches the adhesive strip and separates it from the battery and the motherboard.
- **CAUTION:** This strip is easily ripped when under tension.
- If it does rip then a sharp flat piece of metal or a knife should be used to cut through the remaining strip.
- **WARNING:** This adhesive is very strong. Too much effort, prying or careless cutting may break the motherboard. The torn cover of the battery in the picture shows how strong the sticker is.

Step 12 — Remove headphone jack



- Cut the adhesive under the flex and between headphone jack and midframe. And then pry up the sensors gently and remove the assembly finally.

Step 13 — Remove loudspeaker



- It's easy. Pry up and take it away.

Step 14 — Remove LCD screen



- Heat, cut the sticker and remove it. Notice where the earpiece is and be careful not to separate them when using the guitar pick. It's easy to break the earpiece.

Step 15 — Remove earpiece



- The earpiece is affixed to the touch panel directly, which is why it not recommended to separate it when disassembling the screen.

Step 16



- Done.

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

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