



Sony Xperia Z5C Teardown

Here is Sony Xperia Z5 Compact teardown. This step-by-step guide will show you how to disassemble Xperia Z5 Compact and show all components inside.

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INTRODUCTION

Here is Sony Xperia Z5 Compact teardown. This step-by-step guide will show you how to disassemble Xperia Z5 Compact and show all components inside.

[video: <https://www.youtube.com/watch?v=cBMxYINFyjo>]

TOOLS:

- [Heat Gun](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
 - [Suction Handle](#) (1)
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Step 1 — Sony Xperia Z5C Teardown



- Power off and remove SIM card tray.

Step 2



- Heat up the back cover to soften the adhesive.
- Place the suction cup to open a gap from top side, then insert guitar picks and slide it to cut the adhesive underneath.
- Remove back cover.

Step 3



- Twist off 10 Phillips screws all.
- Loosen NFC clip and flashlight clip.

Step 4



- Remove the plastic bracket.
- Pry up and remove back frame.

Step 5



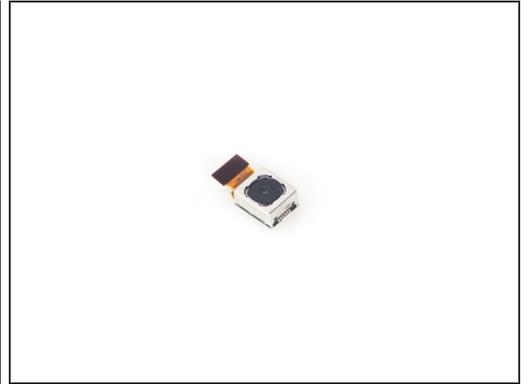
- Remove front camera.

Step 6



- Remove earpiece.

Step 7



- Remove rear camera.

Step 8



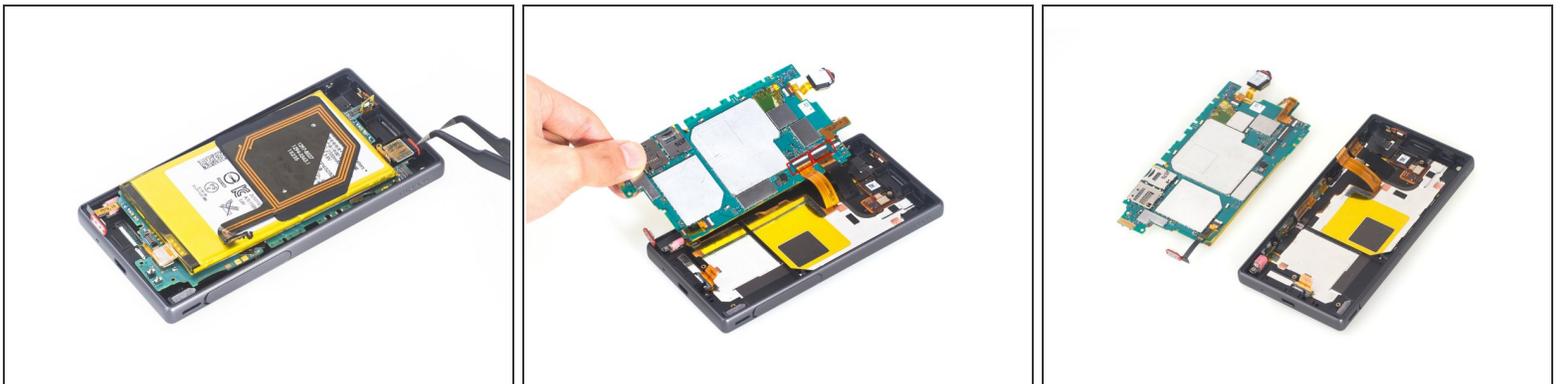
- Remove loudspeaker.

Step 9



- Release charging port connector.
- Remove plastic protective bar.
- Pry up motherboard assembly from this side. There are three flex connectors connecting the motherboard underneath. So pry up the motherboard assembly gently.
- The motherboard may be attached to the case by a sticky pad near the charging connector. This can be dislodged by very carefully rotating the motherboard side to side, checking that the flex connectors aren't being stretched.

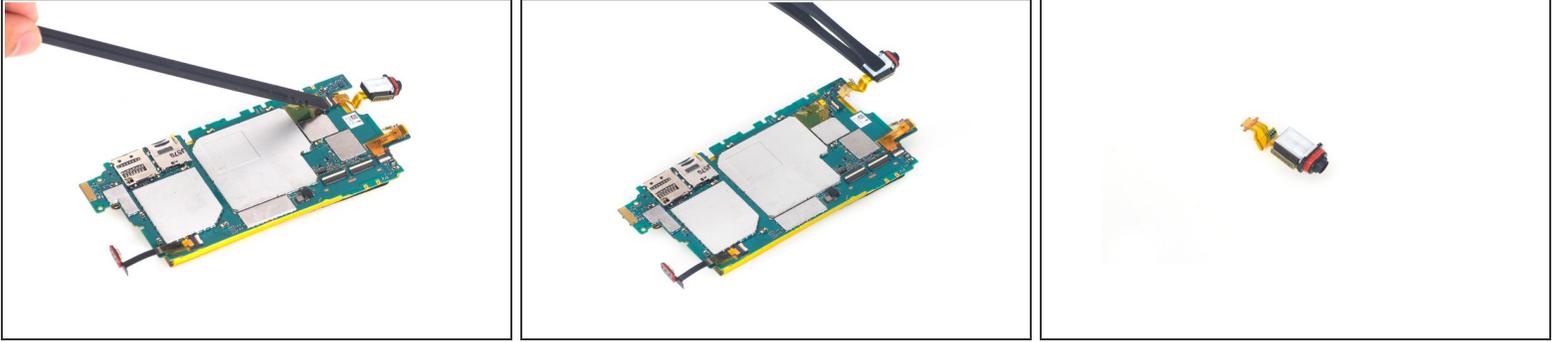
Step 10



- Push audio jack out of the slot, no adhesive underneath.
- Release LCD flex connector and main flex connector by flipping up the white locking tab of the connector base.
- Separate motherboard assembly from middle housing.

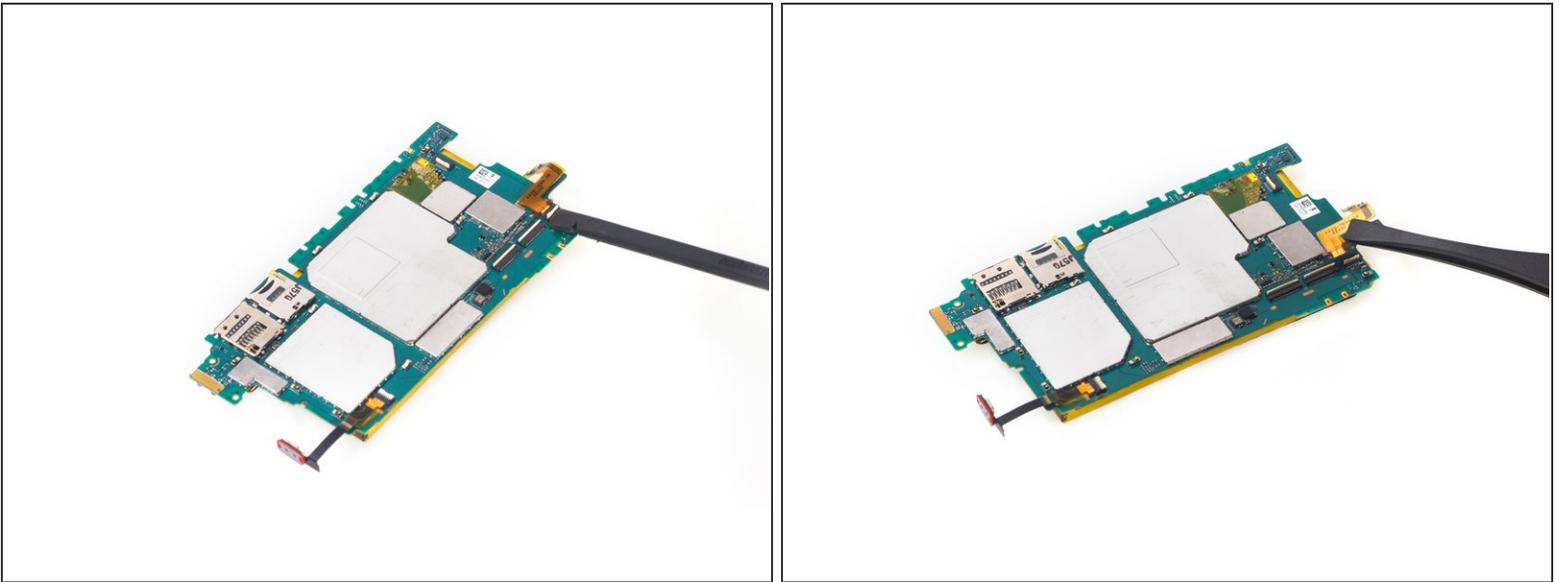
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Step 11



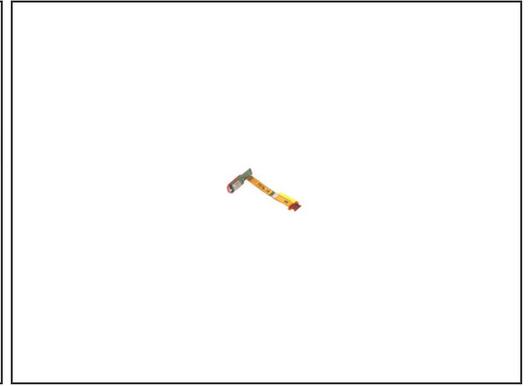
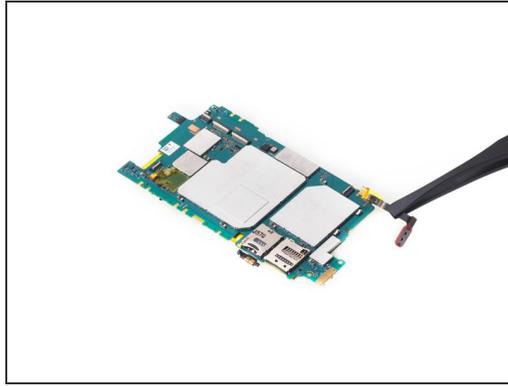
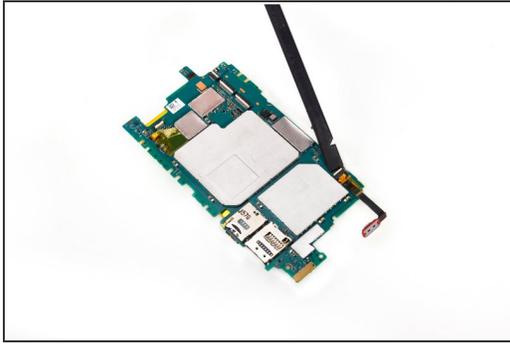
- Remove audio jack flex by flipping up the white locking tab of the connector base.

Step 12



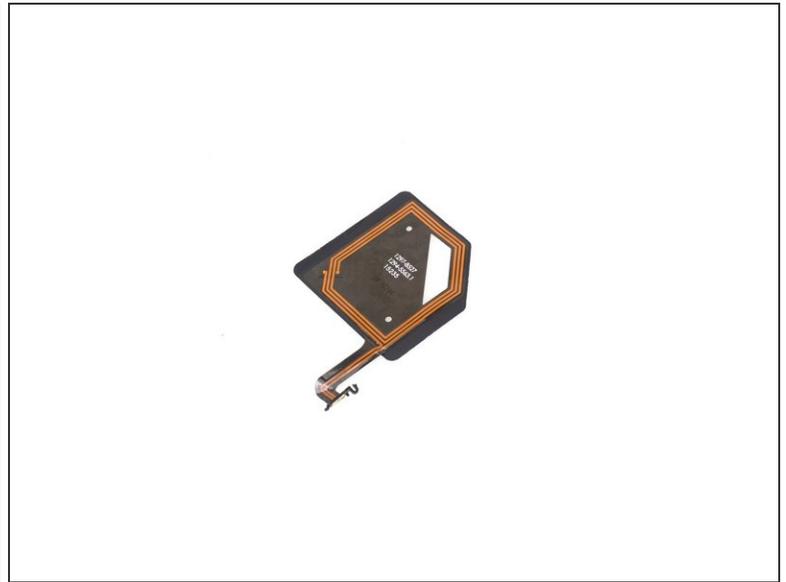
- Remove flashlight flex by flipping up the white locking tab of the connector base.

Step 13



- Remove microphone flex by flipping up the white locking tab of the connector base.

Step 14



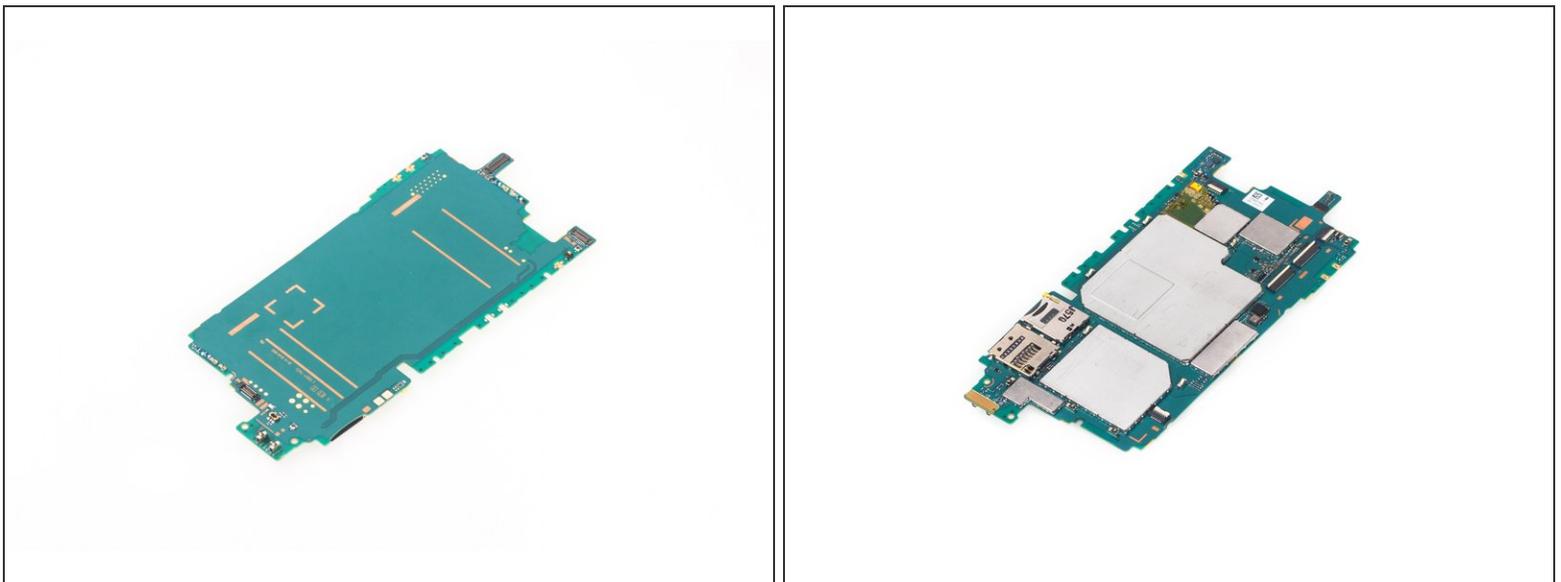
- Take away NFC antenna on battery.

Step 15



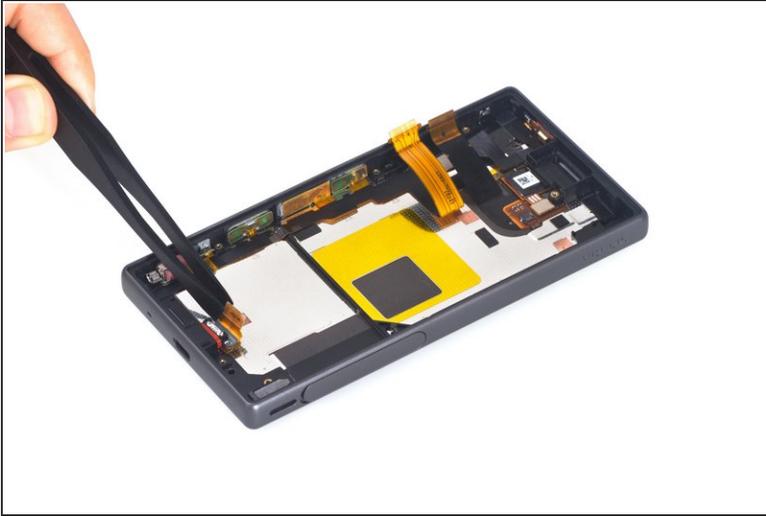
- Release battery connector and pull off adhesive tapes underneath.
- Pry up and remove battery.

Step 16



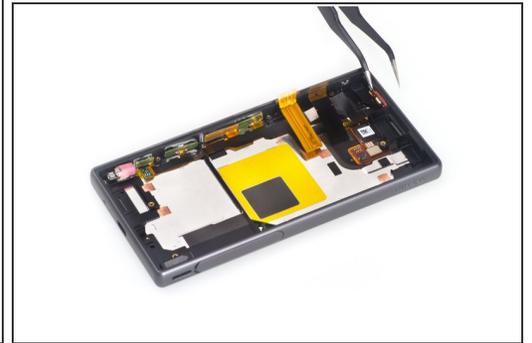
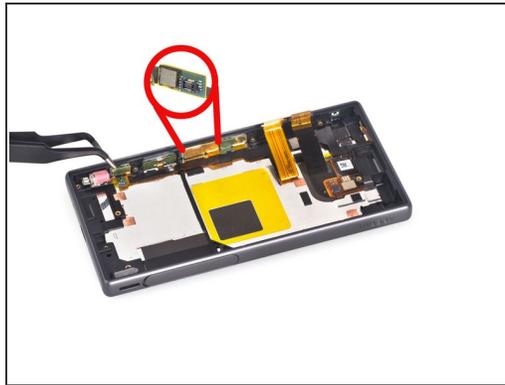
- Here is the motherboard only.

Step 17



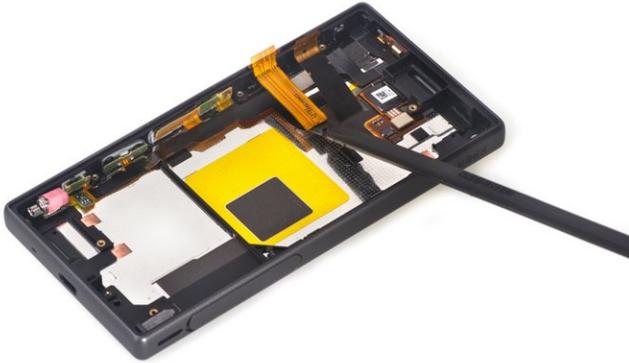
- Remove charging port flex.

Step 18



- Loosen adhesive underneath vibration motor.
- Loosen side button assembly. There is fingerprint scanner here, be careful.
- Loosen noise canceling microphone.

Step 19



- Loosen all adhesive underneath side button flex assembly.
- Here is side button flex assembly. It's integrated by vibration motor, side button connector, fingerprint scanner connector and noise-canceling mic.

Step 20



- The sticker underneath LCD assembly is a little bit strong, so use heat gun to soften it for a few minutes.
- Remove LCD with digitizer assembly carefully.

Step 21



● Done.