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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)
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.
- Separate motherboard assembly from middle housing.
**Step 11**

- Remove audio jack flex by flipping up white locking tab.

**Step 12**

- Remove flashlight flex by flipping up white locking tab.
Step 13

- Remove microphone flex by flipping up white locking tab.

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.