



Sony Xperia M2 Touchscreen Replacement

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INTRODUCTION

How to disassemble / take apart Sony Xperia M2 and change the Touchscreen / Glass / Digitizer and/or the LCD Display.




TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Suction Handle](#) (1)
 - [Spudger](#) (1)
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Step 1 — Rear Cover



- Warm the Back Cover. You can use a hairdryer.

 Be careful, the Cover is plastic.

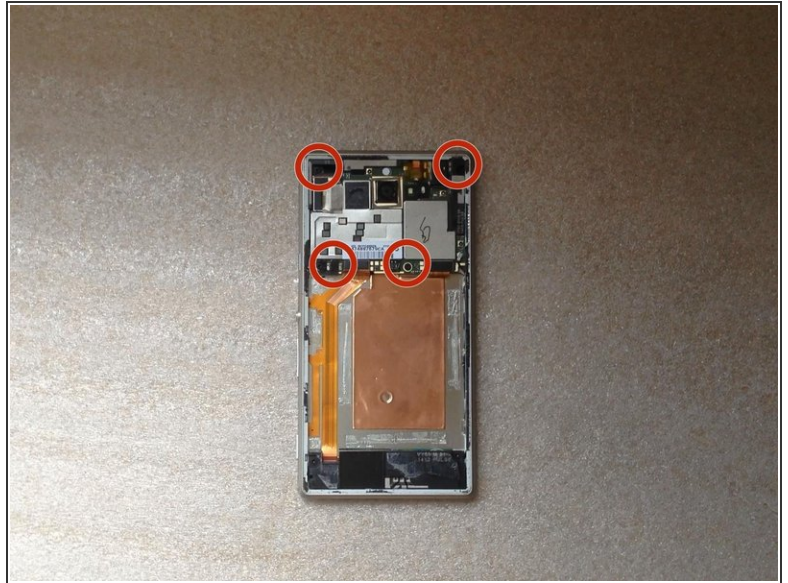
- Use a small suction cup and plastic tools for separating the Rear panel.
- Before installing the new cover, you must clean the phone from the old adhesive tape and install a new one if your spare part has come without double sided adhesive tape.

Step 2 — Battery



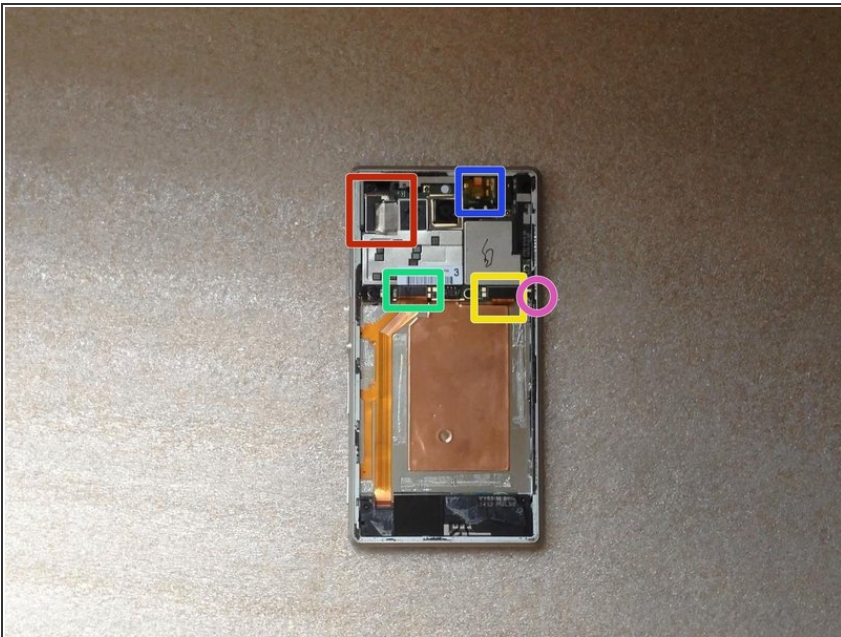
- Disconnect the Battery Cable.
- The battery is stuck to the phone frame. Use the white tape to remove it.
- Li-Polymer Battery, 2230 mAh
- Part number: LIS1551ERPC
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Step 3 — Logic Board



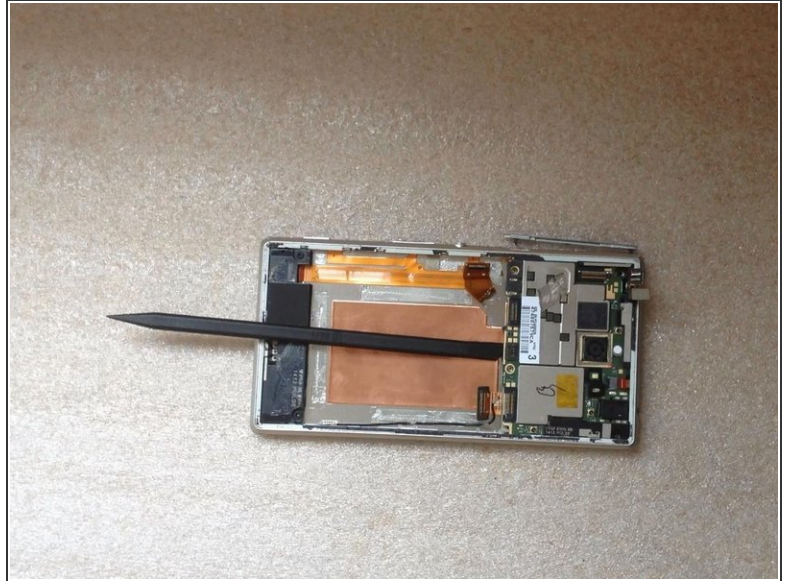
- Remove the SIM and the memory cards.
- Remove x4 T5 Torx Corner screws & x2 T5 Torx Screws on the Board

Step 4



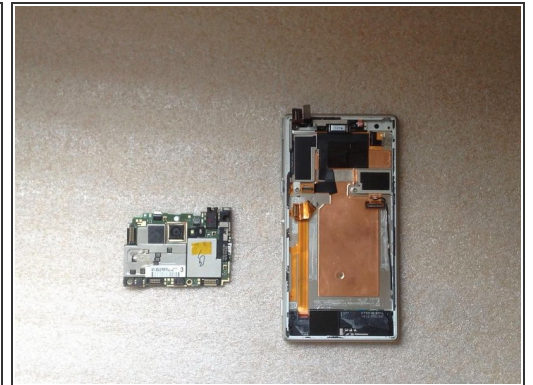
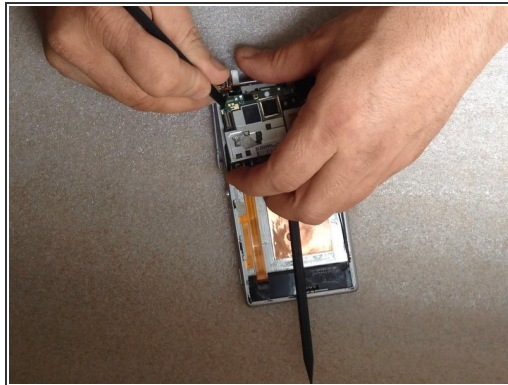
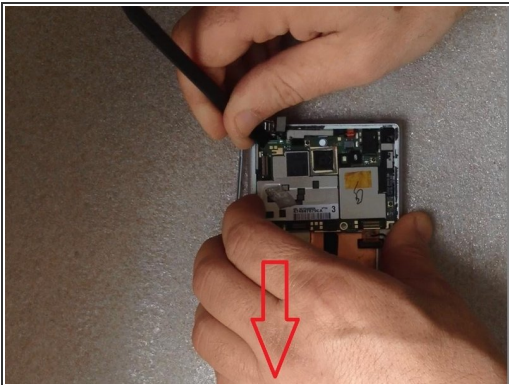
- Disconnect one by one:
 - Touchscreen flex cable
 - Proximity sensor flex cable
 - Power on, Volume buttons cable
 - SIM & Micro SD flex cable
 - Coaxial antenna cable

Step 5



- Disconnect the LCD Display flex cable. The connector is on the other side of the board, under the Power/Volume buttons flex cable connector.
- Put one plastic spudger between the Logic board and the Main frame.

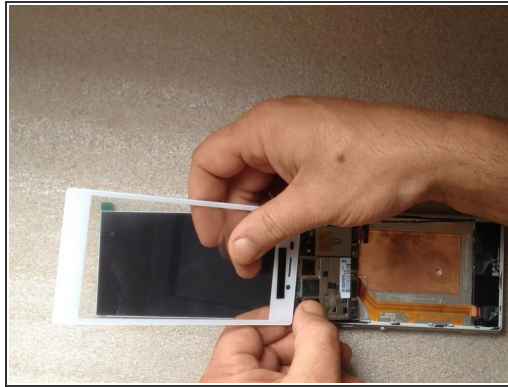
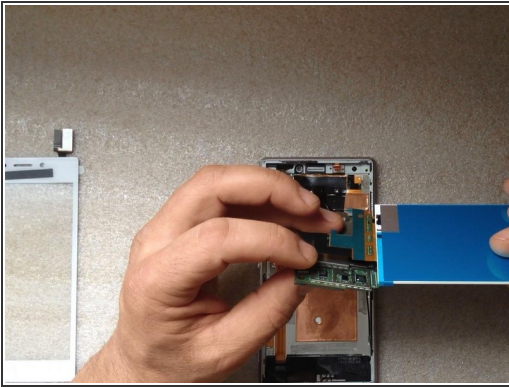
Step 6



- ⚠ Step one: move aside less the left side of the board - down.
- ⚠ Step two: the left side of the Logic board must go out of the main frame.
- ⚠ **For this manipulation use only plastic tools.**

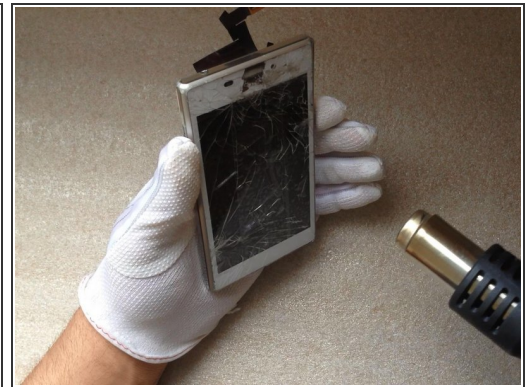
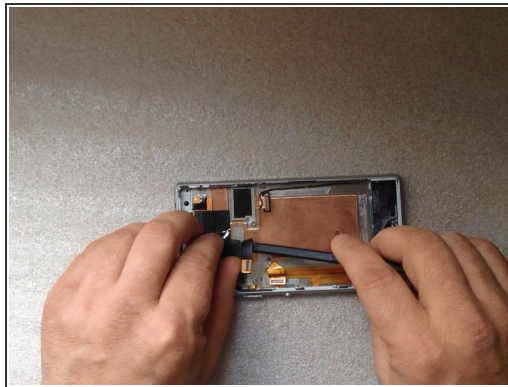
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Step 7 — LCD Display, Touchscreen / Glass / Digitizer



- Let's first test the new spare parts.

Step 8



- Use a scotch tape for the broken glass.
- Unstuck the LCD Display flex cable from the Main frame.
- Now preheat the glass before removing. This will soften the adhesive and will make separating more easy.

 You can use a hairdryer.

Step 9



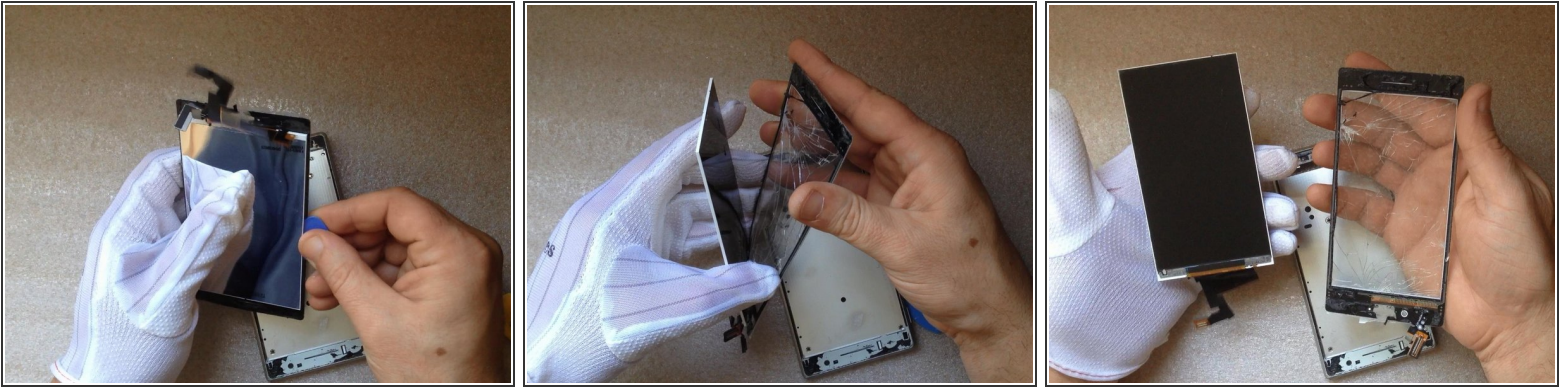
- With a cutter, make a room for a plastic tool, then continue with separating the Touchscreen & LCD Display from the frame.

Step 10



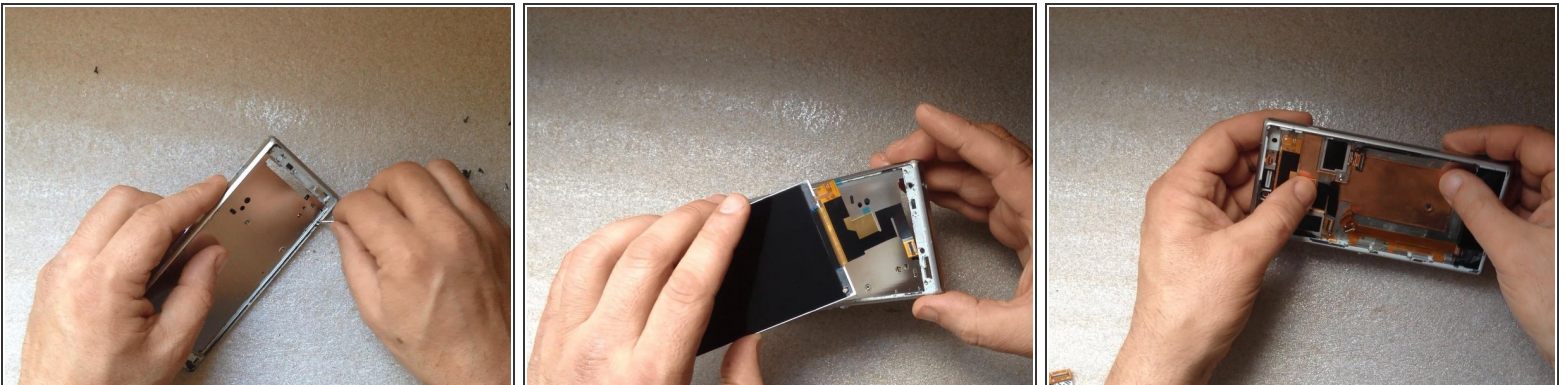
- This is the Display Assembly.
- The LCD Display and the Touchscreen are not firmly bonded, while some other other models.

Step 11



- If your Touchscreen or LCD Display is OK, separate them carefully.
- In our situation, both of them are broken.

Step 12



- Clean the frame from the remains of tape.
- Install the LCD Display and the flex cable on its correct place.

Step 13



- We could not find adhesive sticker for this model, so We used universal adhesive tape 3M - 3 mm.
- Don't forget to remove protectors from the LCD Display and from the inner side of the Touchscreen.

Step 14



- When finishing the assembly of the inner parts, use same technic to install the Back cover.

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