Sony Xperia E4 Touch Screen Glass / LCD Display Replacement

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INTRODUCTION

E2104, E2105, E2115, E2124

How to disassemble, take apart the device and change / replace broken touch screen glass digitizer, LCD

[video: https://www.youtube.com/watch?v=dIpq41LcFzk]

TOOLS:

- iFixit Opening Picks set of 6 (1)
- T4 Torx Screwdriver (1)
- Tweezers (1)
- Heat Gun (1)
- Double Sided Adhesive Tape - 3 mm Width (1)
Step 1 — Battery Cover

- Remove the back cover and any installed SIM and memory cards.
- There are 8x black screws Torx T4. Remove them.

Step 2

- Remove the small black rubber at the lower left corner.
- Under it is the battery flex cable, disconnect it.
Step 3

- Use a plastic tool to separate the middle frame.
- The battery is glued to the middle frame with an adhesive tape.
- Loudspeaker

Step 4 — Logic Board

- Disconnect the touch screen flex cable.
- Under it is the LCD flex cable. Disconnect it also.
Step 5

- Remove the logic board.

⚠️ Be careful for the flex cables.

Step 6 — Touch Screen Glass / LCD Display

- Cover the glass with a scotch tape.
- Warm the glass for about minute.
- With a cutter lift a little the glase to make a room for the plastic tool.
Step 7

- Carefully put the plastic tool between the glass and the LCD.

⚠️ The tool must be thin, you can use also a plastic card.

⚠️ Periodically warm the glass.

- Remove the display frame.

Step 8

⚠️ Use only plastic tools and don't force the LCD.
Step 9

- Install adhesive tape.

- It's easier if you order your touch screen together with adhesive sticker.

- Start with the reassembling.

Step 10

- That's all.

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