



Nokia Lumia 520 Touch screen Glass, LCD Display, Loudspeaker, Earpiece Replacement

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INTRODUCTION

How to disassemble the phone and change broken digitizer glass, LCD display, earpiece, loudspeaker, etc.

[video: <https://www.youtube.com/watch?v=lu4o0DF6q2E>]



TOOLS:

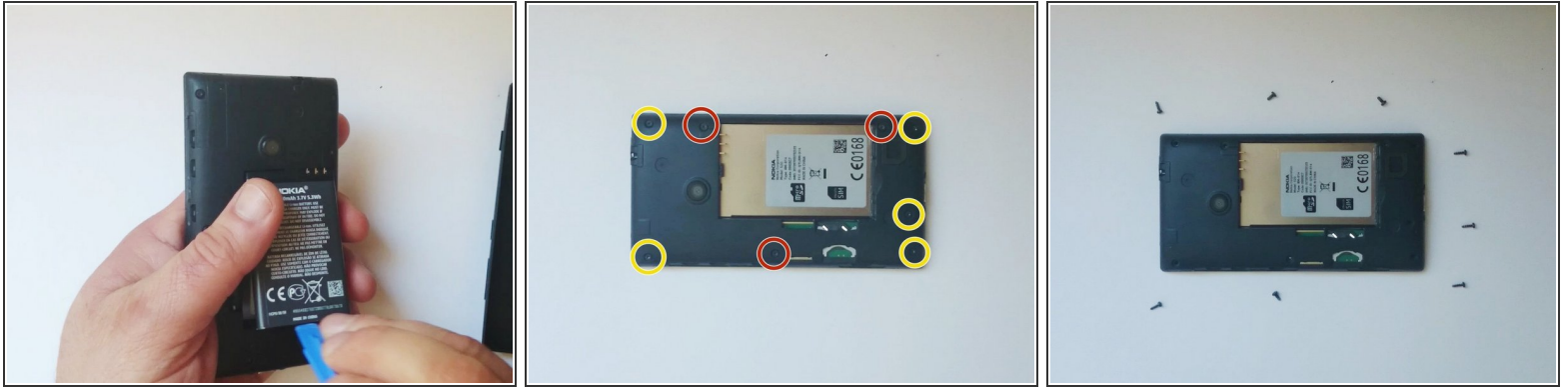
- [Spudger](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [T4 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Heat Gun](#) (1)



PARTS:

- [Nokia Lumia 520 Digitizer](#) (1)
- [Tesa 61395 Tape](#) (1)

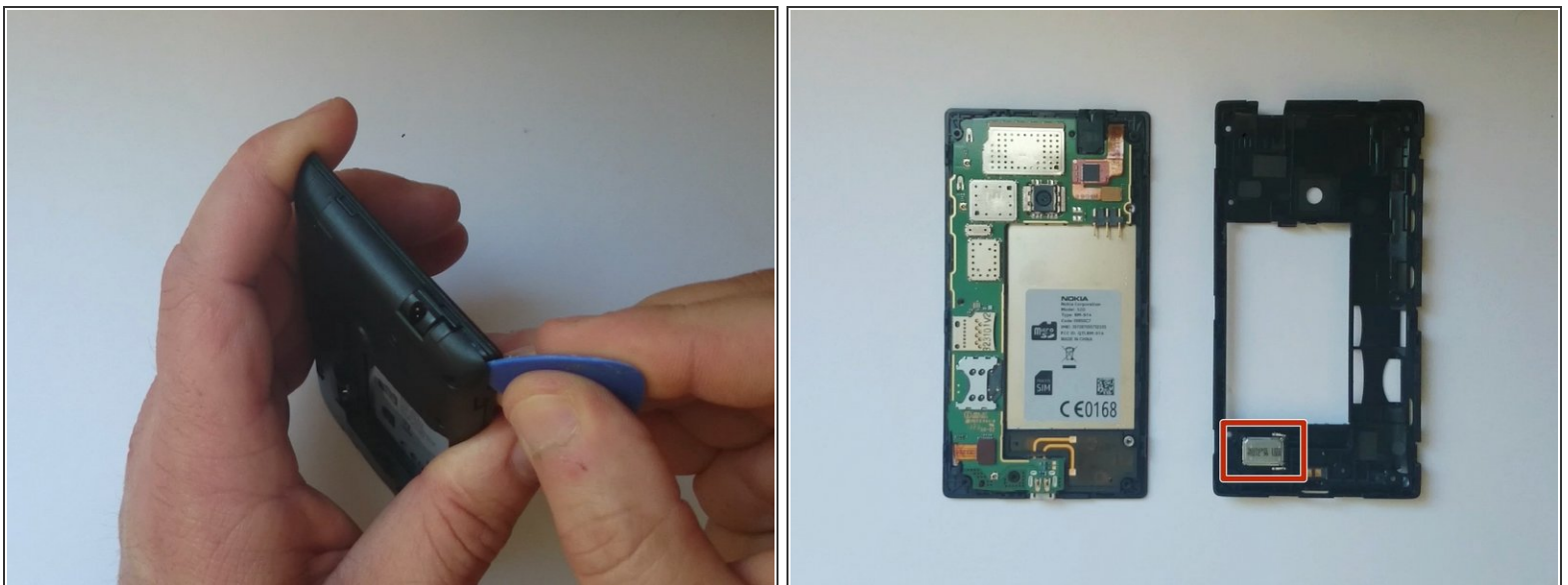
Step 1 — Touch screen Glass, LCD Display, Loudspeaker, Earpiece



- Switch off the phone and remove any SIM and memory card.

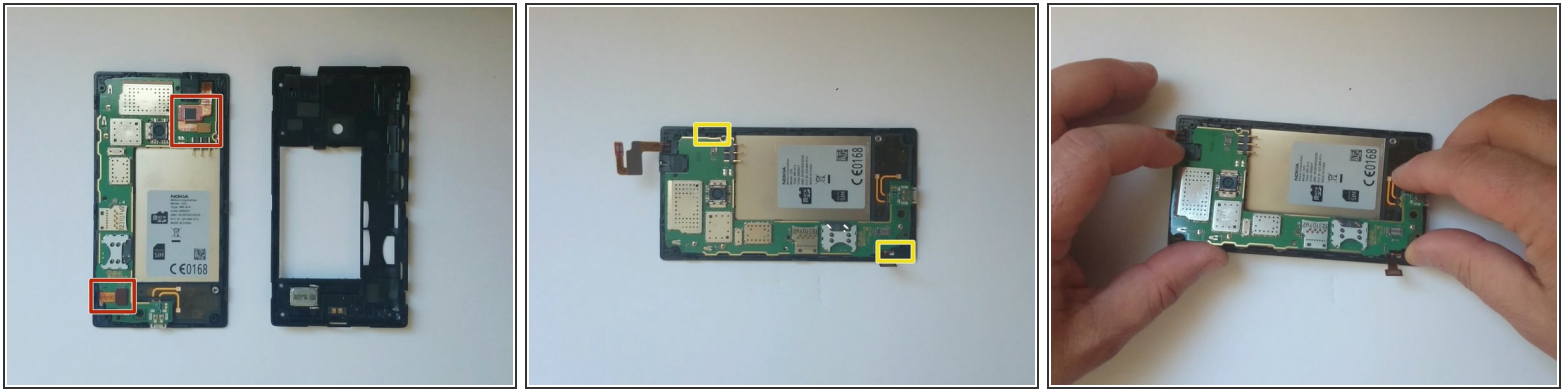
i There are two tips T4 screws.

Step 2



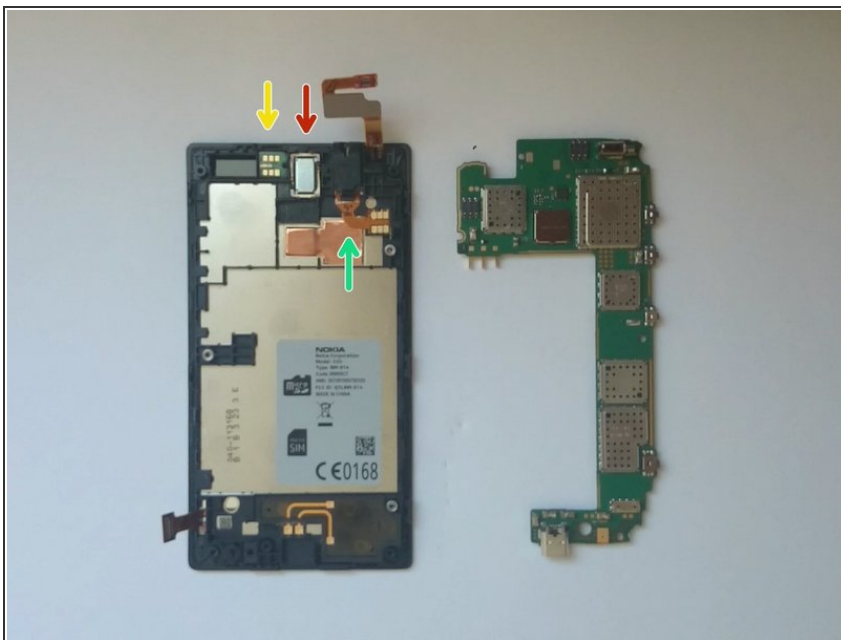
- Use a plastic tool to separate the back case.
- Loudspeaker / Ringer

Step 3



- Disconnect the Touchscreen and the LCD display flex cables.
- The logic board is held by the locking clips. Use plastic tools to remove it.

Step 4



- Light proximity sensor
- Earpiece
- Audio jack connector

Step 5



- Again use a plastic tool to separate the middle frame and the digitizer frame.

Step 6



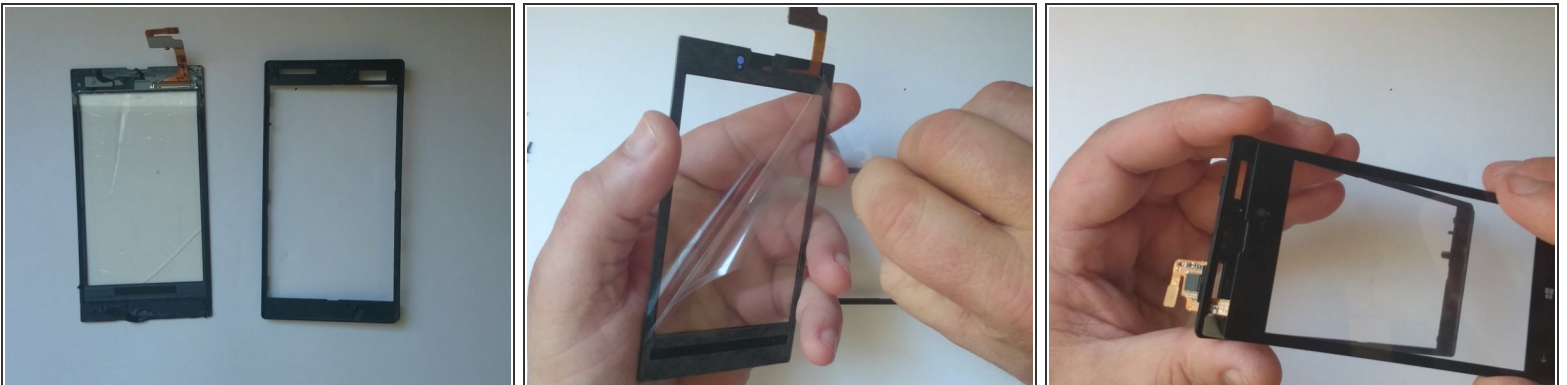
- This step is for those who want to change the LCD display.
- Use a sharp object to pick up a little the display.
- Then with a spudger or a similar tool separate the display from the frame.

Step 7



- Put some transparent tape on the broken glass.
- Use hot air to warm and soften the old adhesive tape.
- Start the separating from the middle, where the contact area is small.

Step 8



- Clean the frame
- Clean the frame from the adhesive tape remnants and install a new one if your replacement part has come without adhesive tape.
- Install the new touch screen and start with reassembling.

Step 9



- That's all.

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- **Did you do it successfully?**

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