



Microsoft Lumia 950 XL Screen Replacement

This is a guide to help you replace the Lumia 950 XL shattered screen by yourself.

Written By: Anan Venasakulchai



 **TOOLS:**

- [Essential Electronics Toolkit \(1\)](#)

 **PARTS:**

- [Lumia 950 xl OLED screen \(1\)](#)

Step 1 — Removing back cover & battery



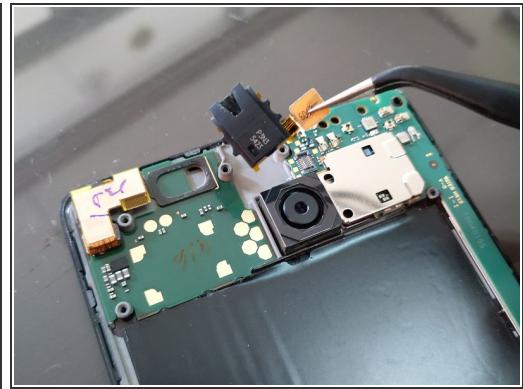
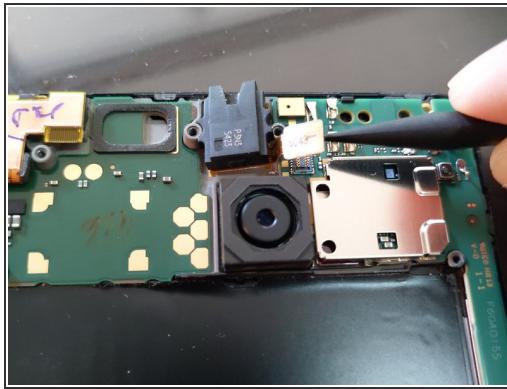
- Lumia 950 XL back cover is super easy to remove. There is a dent to guide you where you should start working on it
- Just crack the back cover open using your fingers. There is no glue/ adhesive to be worried about.
- Then lift the battery out using your finger. The battery is not glued in place.
- *(i)* Noting if you have SIM card or microSD card, now it's time to take them out.

Step 2 — Removing back panel



- There are 12 Torx screws (T5) in the back panel.
- *(i)* Unscrew them of course.
- Then, the back plate can be lifted up from the bottom of the phone.
- **⚠** But it has a small little trick!
- To remove this back panel, there is a clasp hidden beneath the round camera cut out. Use a tweezer to gentle remove it. No force is required.

Step 3 — Removing headphone jack



- Now the back plate is off, showing various interesting components on the back plate itself, like heat pipe, ear piece & loud speaker.
- Headphone jack needs to be removed next. Remove the headphone jack connector using a spudger.
 - Then it can be lifted off using a tweezer.

(i) Noting it is not even a 360 degree headphone jack. The rest of it is formed by the back cover. This allows the device to be thinner.

Step 4 — Disconnect connectors



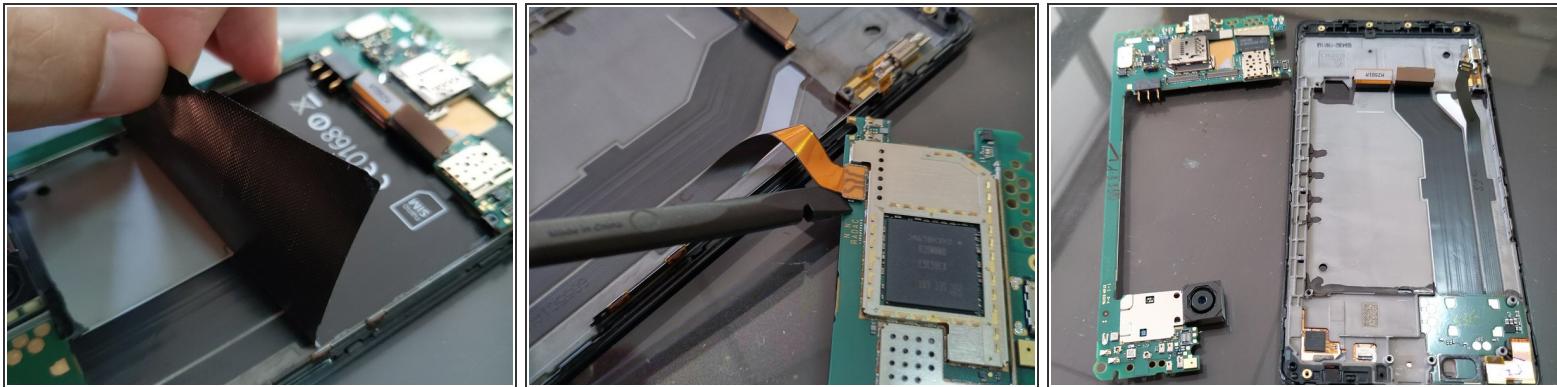
- There are 3 connectors to be disconnected before working with the motherboard.
 - First two connectors connect the motherboard with the smaller board on the top left of the phone and another one connect the motherboard to the screen. Disconnect them using a spudger.
 - Another small board is connected with the side buttons. Again, disconnect them using a spudger.

Step 5 — Removing motherboard



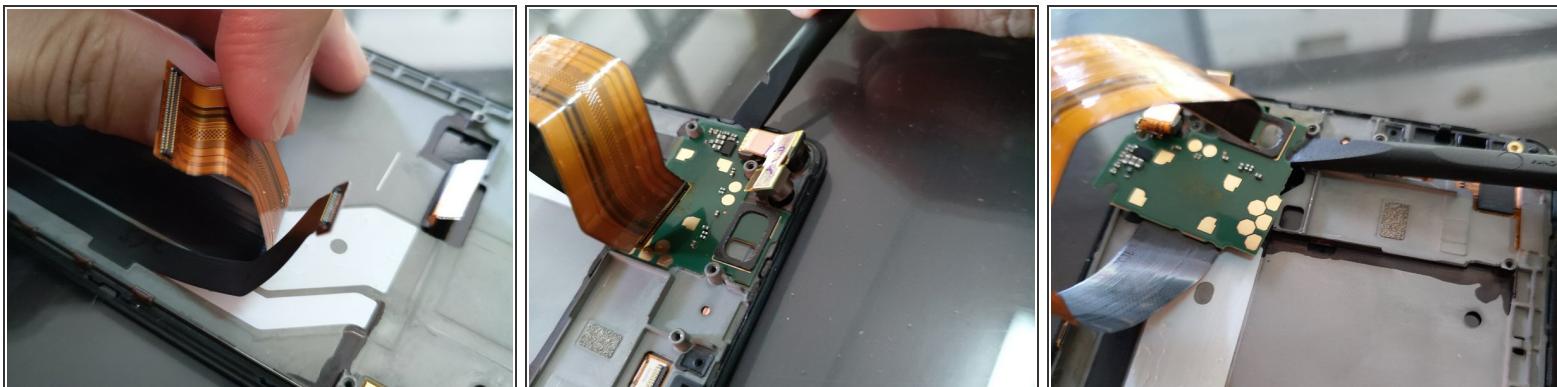
- The motherboard is clipped with the back of the display panel.
- Start working with the top right of the phone. Remove the motherboard from the clip by hand, or use Jimmy to leverage a little force can make it easier.
- Use tweezer to lift the motherboard up. May require a little force since this part of the board has little clips underneath.
- Then, continue working with the mother board of the bottom half of the phone. Straightforward!

Step 6 — Disconnect last connector to remove motherboard



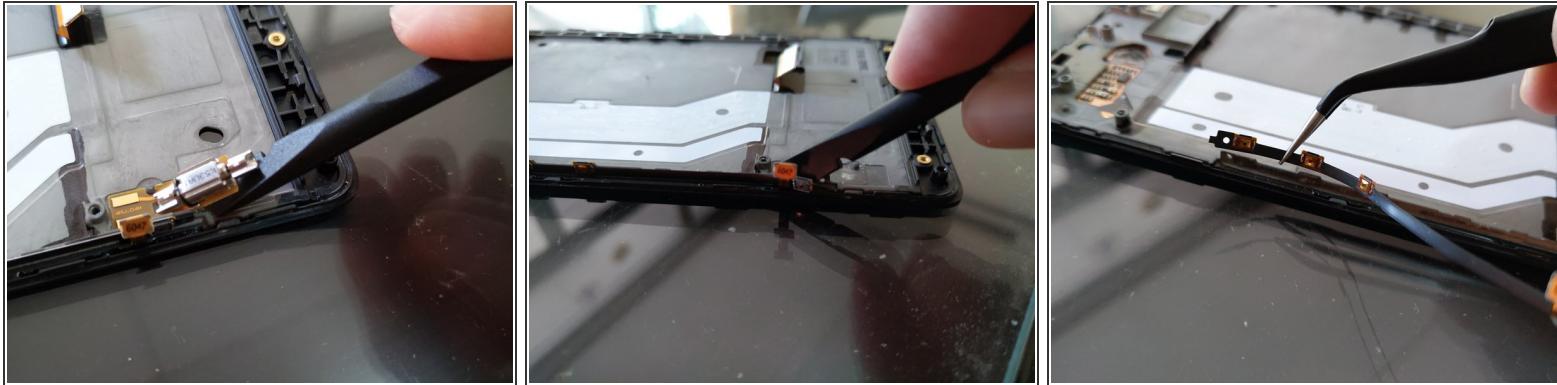
- One last connector to be disconnected is located on the back of the motherboard.
 - Start from peeling of the sticker beneath the battery.
 - Lift the motherboard up starting from the bottom of the phone. Then, flip it gently and you will see the hidden connector.
- *(i)* This connector also connects the motherboard to the daughter board.
 - Disconnect it with a spudger
- Now the motherboard can be removed.

Step 7 — Removing the daughter board



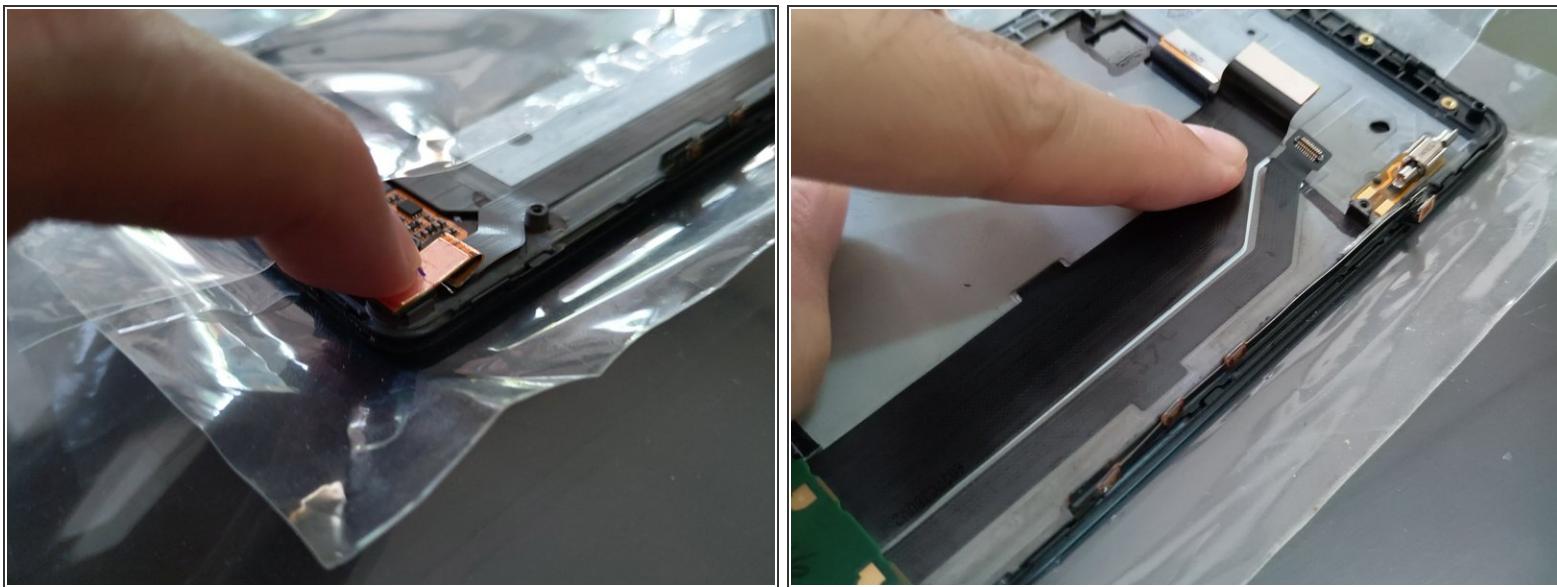
- Two connectors that connect the daughter board with the motherboard are adhered in place with a gentle adhesive and can be peeled off easily by hand.
- Then, the daughter board can be removed by using a spudger.

Step 8 — Harvest vibrating motor & side panel



- Harvesting components needed: vibrating motor and side panel
- Remove vibrating motor using a spudger.
- Remove the side panel with a spudger. It is lightly adhered but can be lifted by fingers or a tweezer.

Step 9 — Insert components into new screen



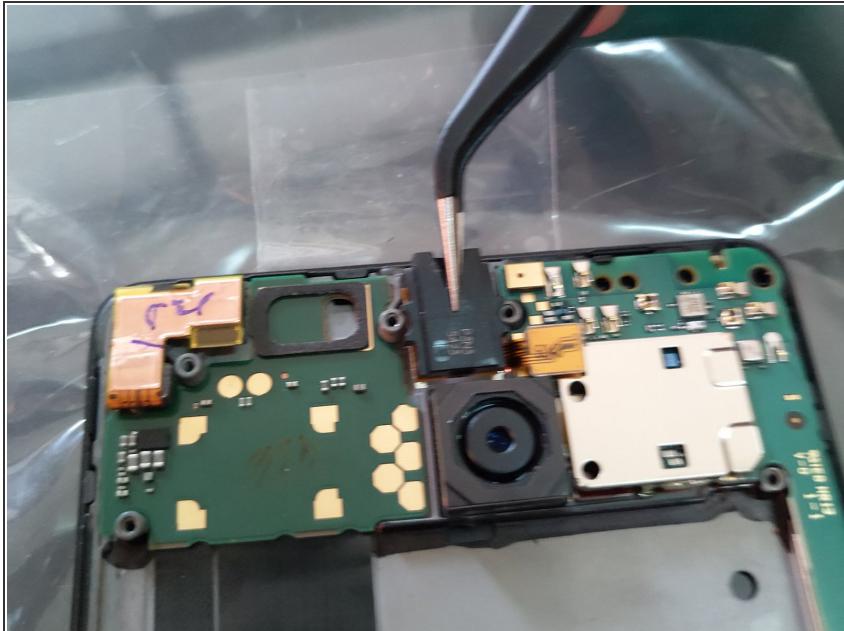
- Starting the assembly process by placing the daughter board into the new screen
- Then place vibrating motor back into its place.
- The new screen should come with light adhesive to hold the 2 cables from the daughterboard.

Step 10 — Reassembly the motherboard



- After reconnecting a connector on the back of the motherboard, clipping the board back in place. Again, start with the top right corner of the phone.
 - Spudger can be used to push the motherboard to the clip.
- Reconnects all 3 connectors.

Step 11 — The return of the headphone Jack!!



- We are almost there!
- Place the headphone jack and connect it to the motherboard.
- Reapply the sticker beneath the battery
 - Well, this can be done later after trying to turn on the device.
- Place the back panel on top of the motherboard, and screw all those 12 screws back in!

Step 12 — And we are done!!



- After closing of the back cover, try turning the phone on!!
- Well, we wish screen replacement of all phones should be this painless.

i This replacement part is an OLED screen. It is much higher quality compared with the LCD replacement screen.

Thank you for following us. This is a complete disassembly - replacement - reassembly guide. So, your phone should be working normally again!