



# 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



## INTRODUCTION

Use this guide to replace a shattered or malfunctioning display on your Microsoft Lumia 950 XL phone.

Your screen may need to be replaced if the glass cracks or can no longer register screen-touch capabilities. Uneven lighting and colors or screen burns can also be a cause for replacement.

To start, power off your phone completely and disconnect it from any external power sources.



### TOOLS:

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



### PARTS:

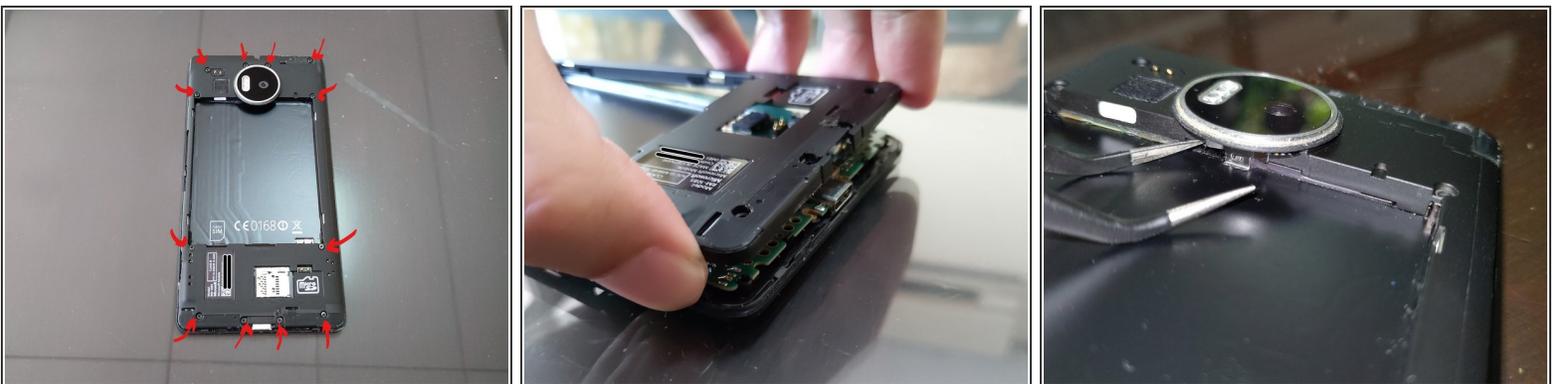
- [Lumia 950 xl OLED screen](#) (1)

## Step 1 — Removing back cover & battery



- The Lumia 950 XL back cover is super easy to remove. There is a dent at the bottom of the phone to guide you to where you should start working.
- Crack the back cover open using your fingers.
- Lift the battery out using your fingers.
- ⓘ Everything should pop out easily since there is no glue or adhesive to worry about.
- ⚠ Make sure to remove the SIM card or microSD card if they are inserted.

## Step 2 — Removing back panel



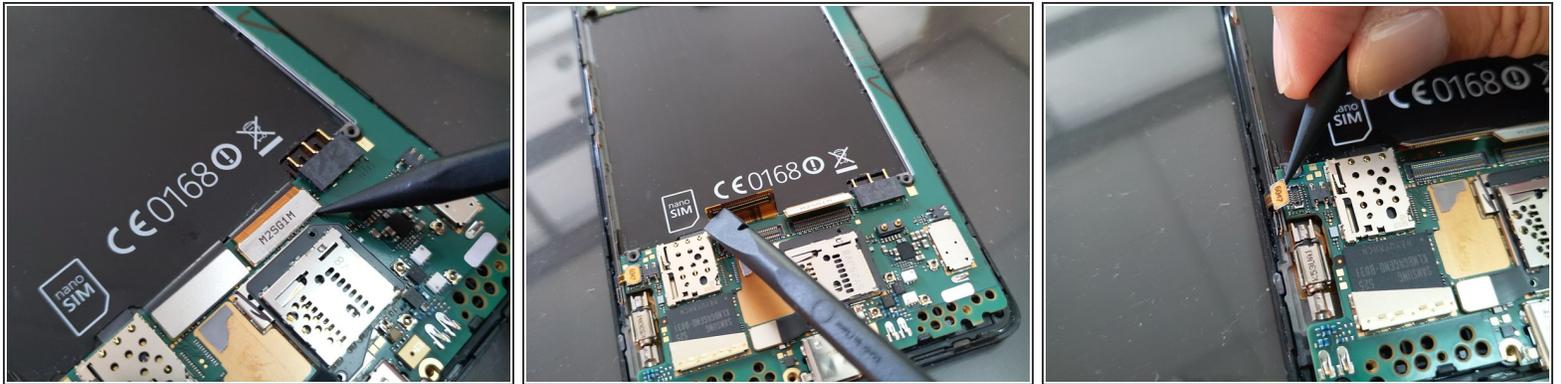
- Unscrew the 12 Torx screws (T5) in the back panel.
- Lift the back plate from the bottom of the phone.
- ⓘ To remove this back panel, there is a clasp hidden beneath the round camera cut out. Use a tweezer to gently remove it. No force is required.

### Step 3 — Removing headphone jack



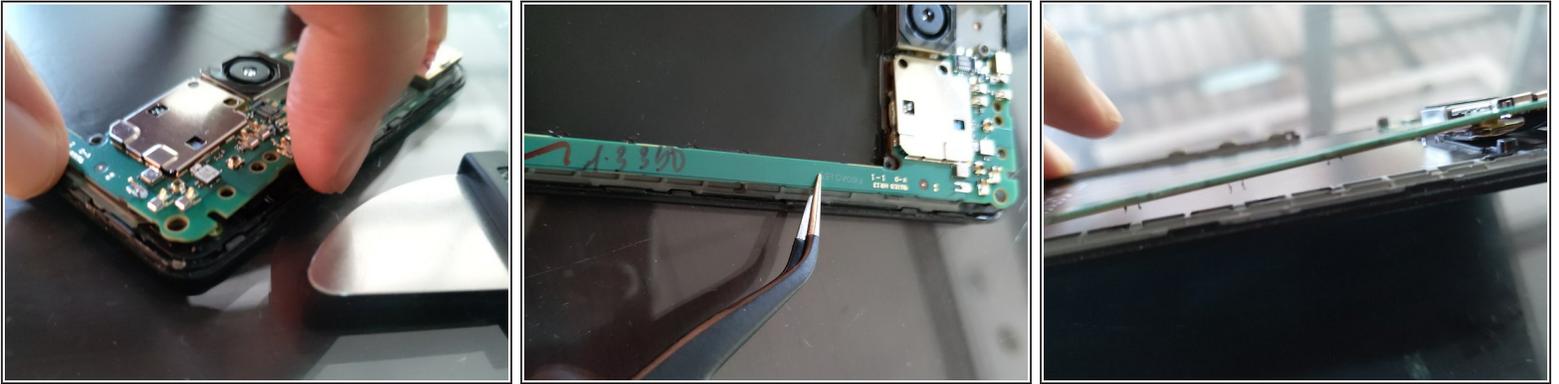
- Now that the back plate is off, it shows various interesting components like the heat pipe, earpiece & loud speaker.
- Remove the headphone jack connector using a spudger. Then lift using a tweezer.

### Step 4 — Disconnect connectors



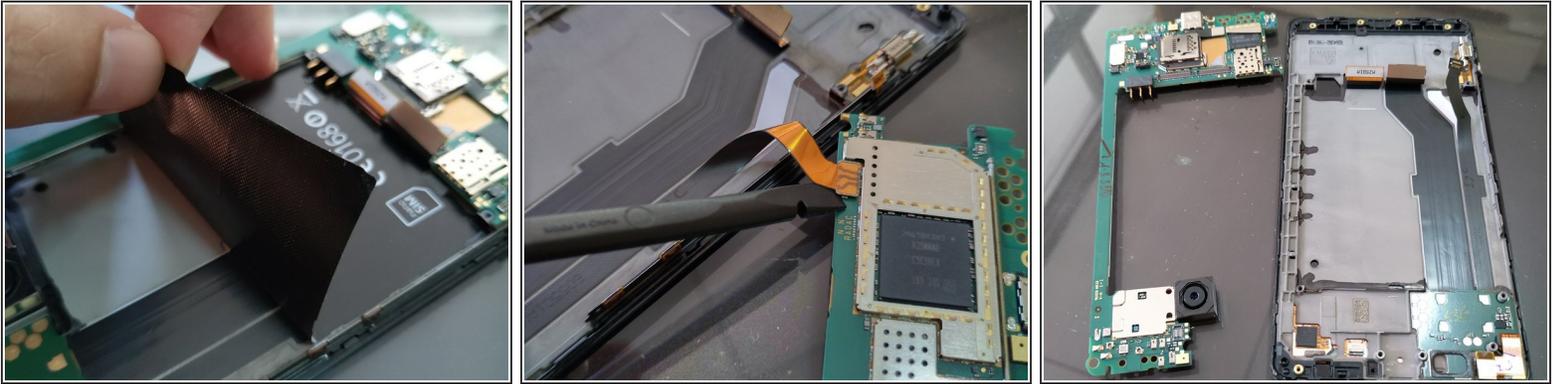
- There are three connectors that need to be disconnected before working with the motherboard.
  - With a spudger, remove the first two connectors.
  - Another small connector is connected with the side buttons. Again, disconnect them using a spudger.

## Step 5 — Removing motherboard



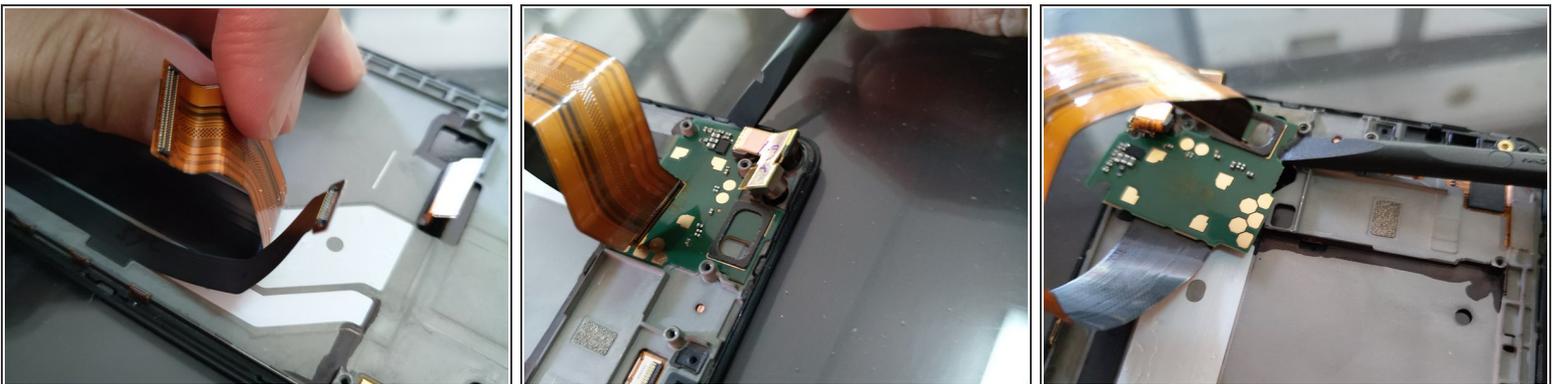
- The motherboard is clipped with the back of the display panel.
- Start working with the top right of the phone. Remove the motherboard from the clip by hand or use a Jimmy to leverage in little force to make it easier.
- Use tweezers to lift the motherboard up. This may require a little force since this part of the board has little clips underneath.
- Continue working with the motherboard all the way around till the bottom half of the phone. Straightforward!

## Step 6 — Disconnect last connector to remove motherboard



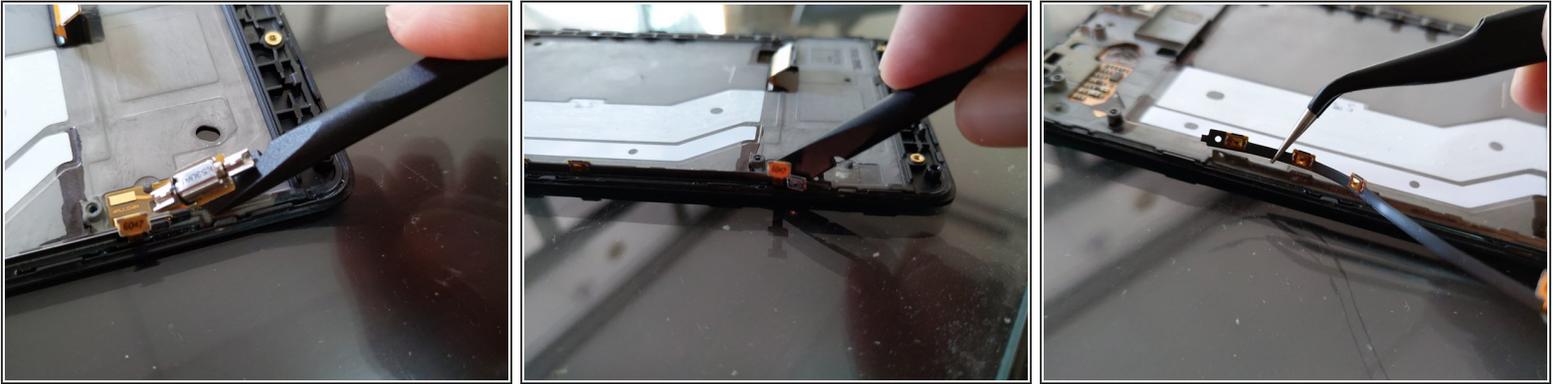
- One last connector needs to be disconnected on the back of the motherboard.
- Start by peeling of the sticker beneath the battery.
- Lift the motherboard up, starting from the bottom of the phone, and flip it gently. You will see the hidden connector.
- ⓘ This connector also connect the motherboard to the daughter board.
- Disconnect it with a spudger
- Now the motherboard can be removed.

## Step 7 — Removing the daughter board



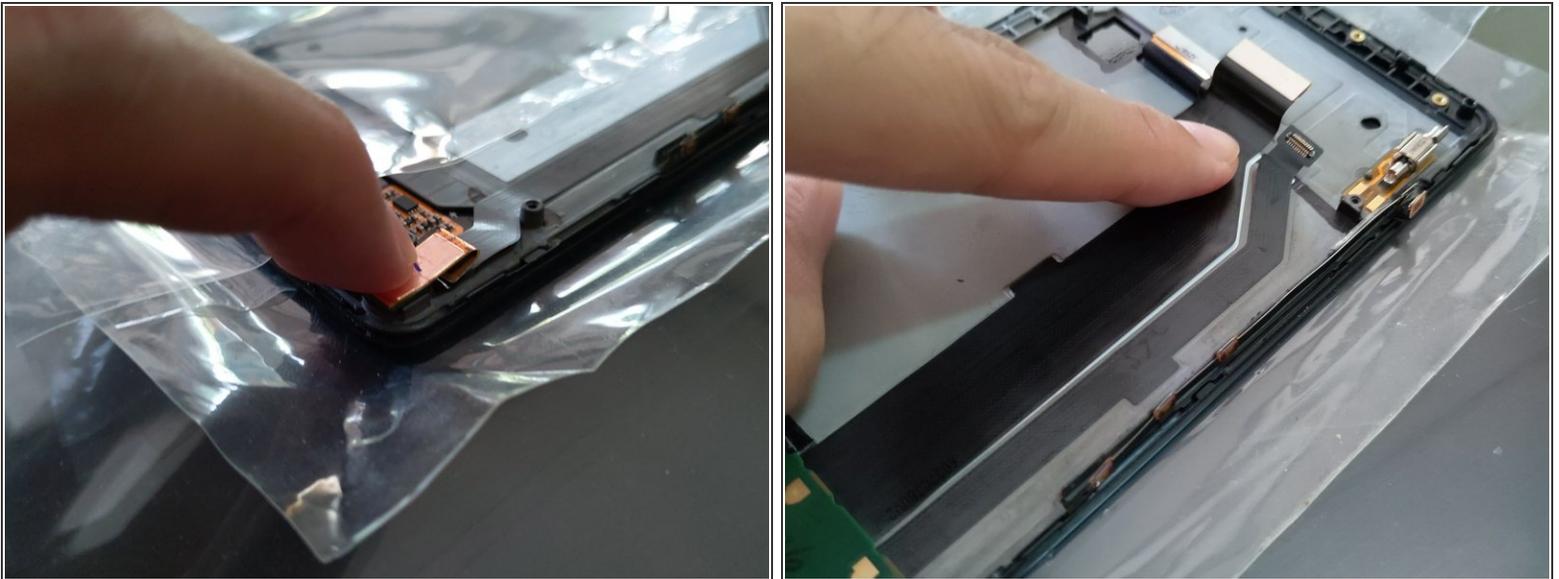
- Remove the two connectors that connect the daughter board with the motherboard. They are lightly adhered in place and can be peeled off easily by hand.
- Remove the daughter board by using a spudger.

## Step 8 — Harvest vibrating motor & side panel



- Remove the 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



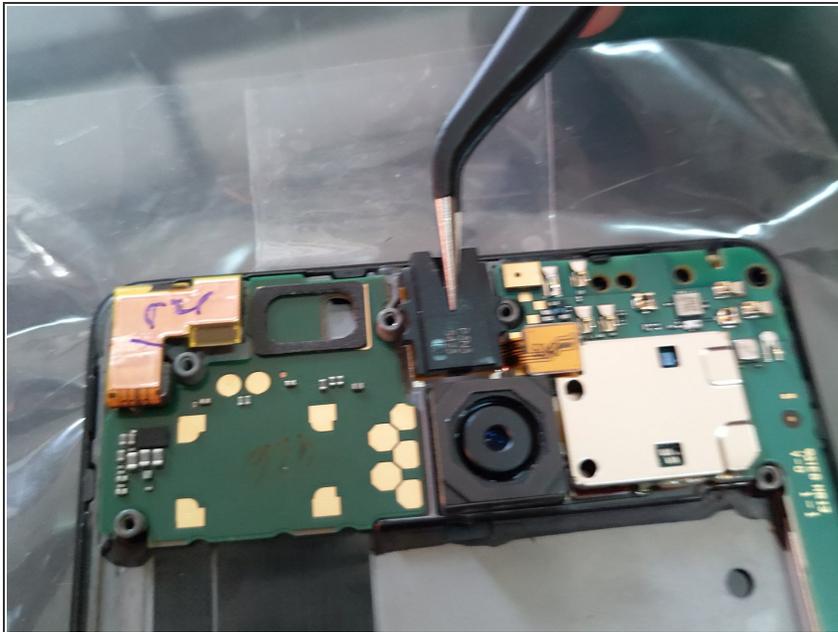
- Start the assembly process by placing the daughter board into the new screen
- Place the vibrating motor back into its place.
- The new screen should come with a light adhesive to hold the two cables from the daughterboard.

## Step 10 — Reassembly the motherboard



- Reconnect a connector on the back of the motherboard, clipping the board in place. Start with the top right corner of the phone and push the motherboard into the clips using a spudger.
- Reconnect all 3 connectors.

## Step 11 — The return of the headphone Jack!!



- 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 in all 12 screws!

## Step 12 — And we are done!!



- After closing of the back cover, try turning the phone on!!
- ⓘ 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!