



Huawei Nova LCD Replacement

How to disassemble and replace a Huawei Nova Black LCD.

Written By: Pieter van den berg



INTRODUCTION

Replacing a Huawei Nova screen.

TOOLS:

- iFixit Opening Picks set of 6 (1)
- Razor Blade (1)
- Heat Gun (1)
- Tweezers (1)

PARTS:

- Black Screen (1)

Step 1 — Remove the sim tray



- If possible remove the sim tray from the device.

Step 2 — Switch off the handset



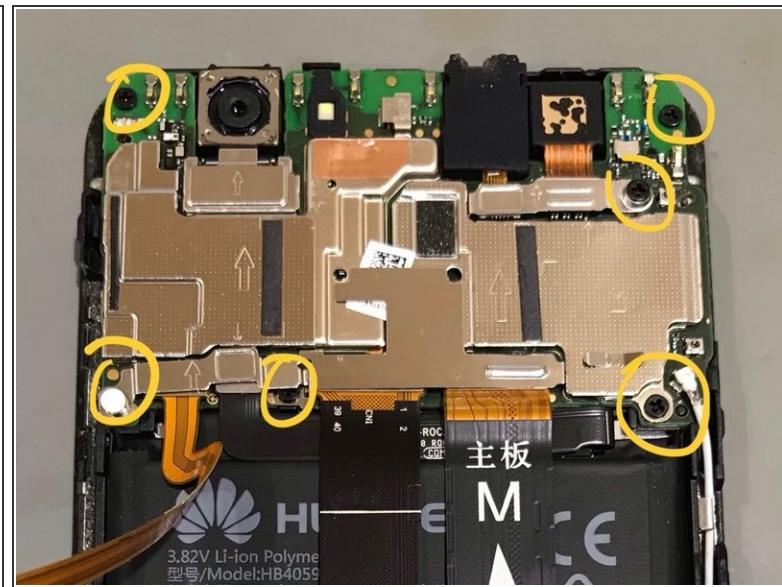
- If the LCD is not too badly damaged, switch the handset off.
- Remove the two security screws at the bottom.

Step 3 — Removing the back cover



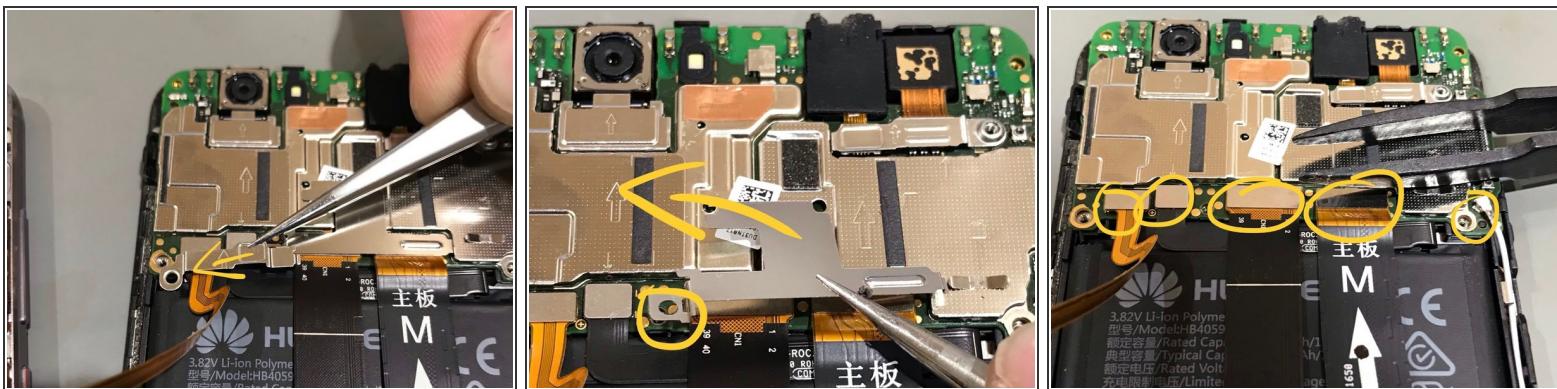
- Using a pick or blade pry the back cover from the LCD frame.
- Using the pick go along side the LCD and clip the back cover from the LCD frame.

Step 4 — Opening the back cover



- BEWARE! Be carefull when opening the back cover as the Finger print reader flex is attached. Open the frame to the left.
- Remove all the screws that holds the main board in place and those who keeps the plates in place.

Step 5 — Removing the main board



- Remove the plate covering the finger print flex connector to the left.
- Then remove the plate covering the secondary board and the LCD connector to the left.
- Plug all the flex connectors carefully out of the board along with the coaxial cable.

Step 6 — Removing the main board



- Remove the plate covering the front camera. BEWARE! The front cam connector may be attached to the plate, lift it up carefully, removing the connector and then remove the plate to the right.
- Remove the plate covering the main camera connector and disconnect it.
- Carefully! Pry from beneath the board gently upwards where indicated, then gently pull to the left/downwards in and upwards direction.

Step 7 — Removing the speaker unit.



- Remove all the screws.
- BEWARE! The speaker unit may have some adhesive underneath. Pry the unit upwards and then pull it gently.

Step 8 — Removing the screen



- Beware! Apply generous amount of heat to the screen, be careful to not burn the plastic LCD frame!
- **Beware! The glass shards are extremely sharp** Using a blade or pick get underneath the side of the screen and pry it loose from the frame, use heat where you experience resistance.
- Lift the screen upwards from the top.

Step 9 — Removing the screen and preparing the frame



- Be careful, before removing the screen, underneath the secondary board there is a small flex gently pull it from underneath.
- Clean the residing glass shards from the LCD frame. Be careful not to cut yourself as these pieces are very sharp.
- Make sure the frame is cleaned of all glass and most of the adhesive.

Step 10 — Preparing the new LCD



- Prepare the LCD and apply adhesive.
- Make sure to transfer the ear-speaker mesh to the new LCD if a new one is not included.

Step 11 — Assembly



- Reverse the disassembly steps to complete the handset.
- Make sure to apply pressure to the new screen where the new adhesive was placed.
- Place back the two bottom security screws.

Step 12 — Completed



- Power on and test handset.

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