



Huawei P8 Display with Frame Replacement

This guide describes the removal and replacement of the complete display with the frame of a Huawei P8.

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INTRODUCTION

Use this guide to remove and replace the complete display with the frame of a Huawei P8.

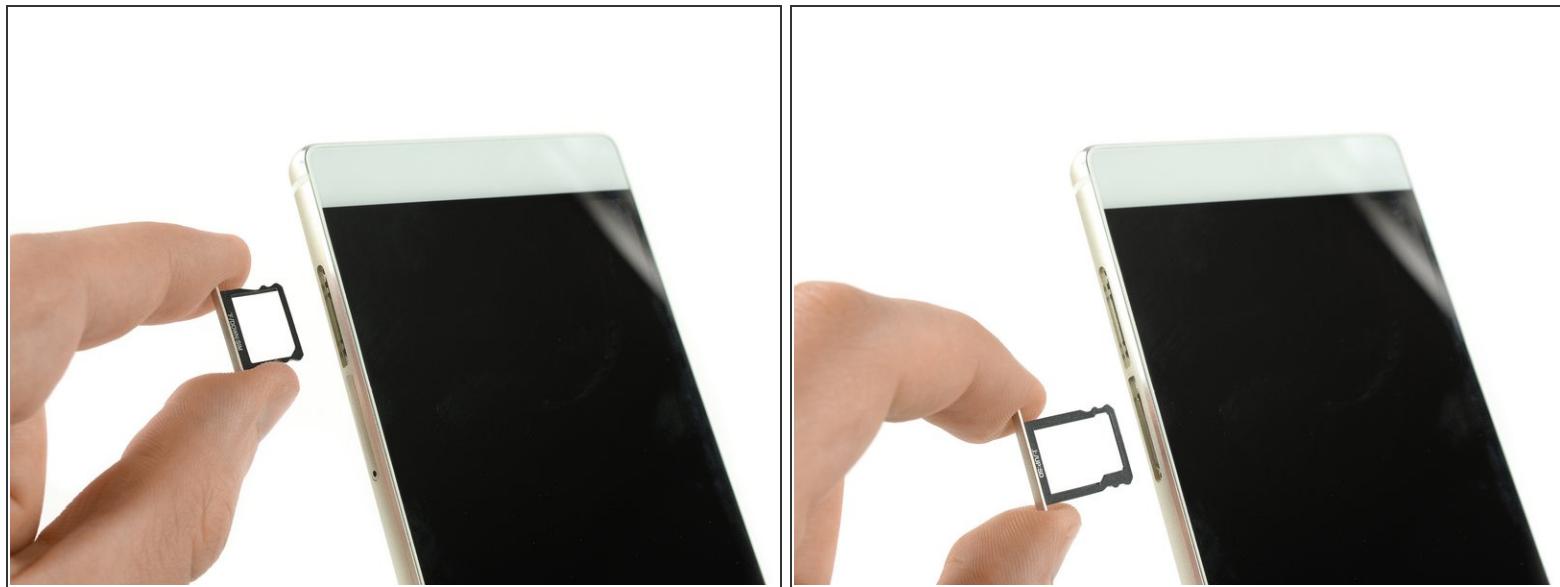
TOOLS:

- T2 Torx Screwdriver (1)
- Spudger (1)
- Tweezers (1)
- SIM Card Eject Tool (1)
- Phillips #00 Screwdriver (1)
- Suction Handle (1)

PARTS:

- Huawei P8 Screen (1)
- Tesa 61395 Tape (1)

Step 1 — Huawei P8 Battery Replacement



- First switch off your phone.
- Remove the trays for the SD card and the SIM card.

Step 2



- Remove the two Torx T2 screws located at the bottom next to the device's Micro USB port.
- *i* If the screen is cracked you might want to use some tape to protect your eyes from glass shards and get a better grip to open the phone.

Step 3



- Use an iSclack or a suction handle to separate the display unit from the rear panel.

Step 4



- Remove the two Phillips #00 screws that secure the front camera and display/battery connector brackets

Step 5



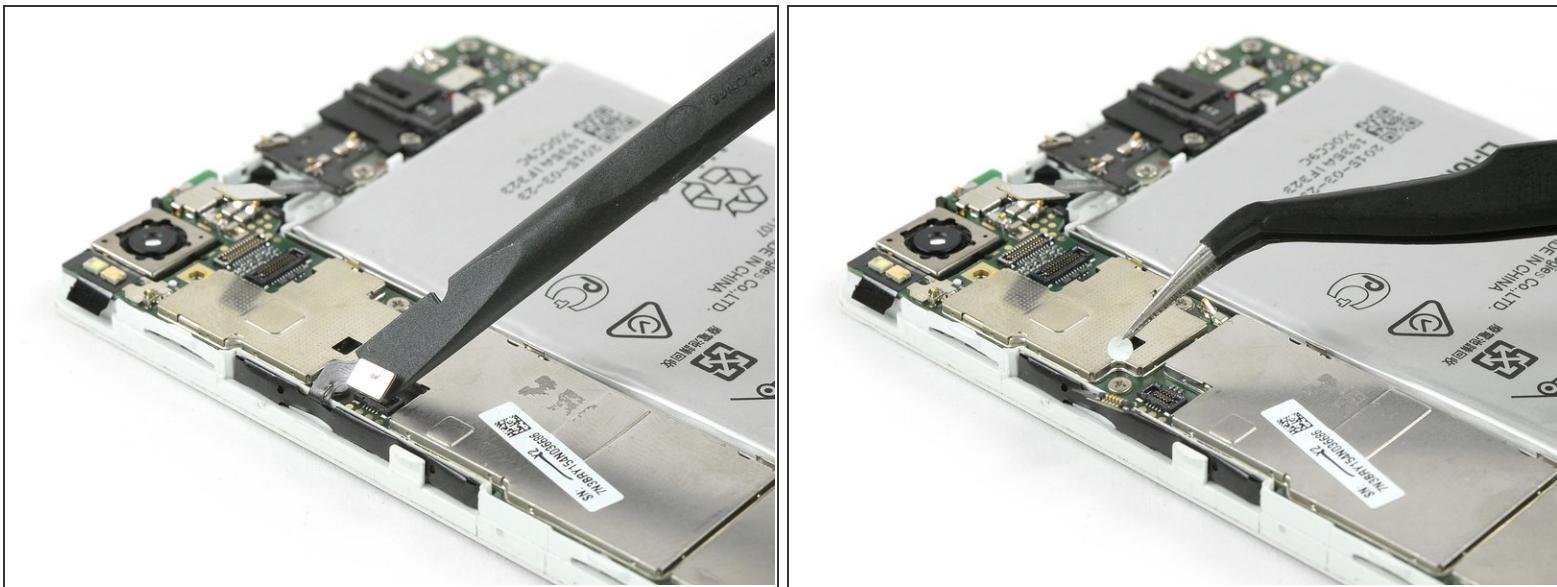
- Use a tweezer to remove the bracket covering the display and the battery flex connector.
- Unplug the battery flex connector with a Spudger.
- Remove the bracket covering the flex connector of the front camera.

Step 6



- Unplug the headphone jack and the front camera flex connectors.
- Remove the front camera.

Step 7



- Use a spudger to disconnect the power/volume cable and fold it out of the way.
- Remove the liquid contact indicator.

Step 8



- Remove the five Phillips #00 screws that hold down the motherboard of your Huawei P8.

Step 9



- Unplug the vibration motor flex connector.
- Disconnect the antenna cable.

Step 10



- Unplug the display flex connector from the main board with a Spudger.
- Disconnect and remove the antenna cable with a tweezer.

Step 11



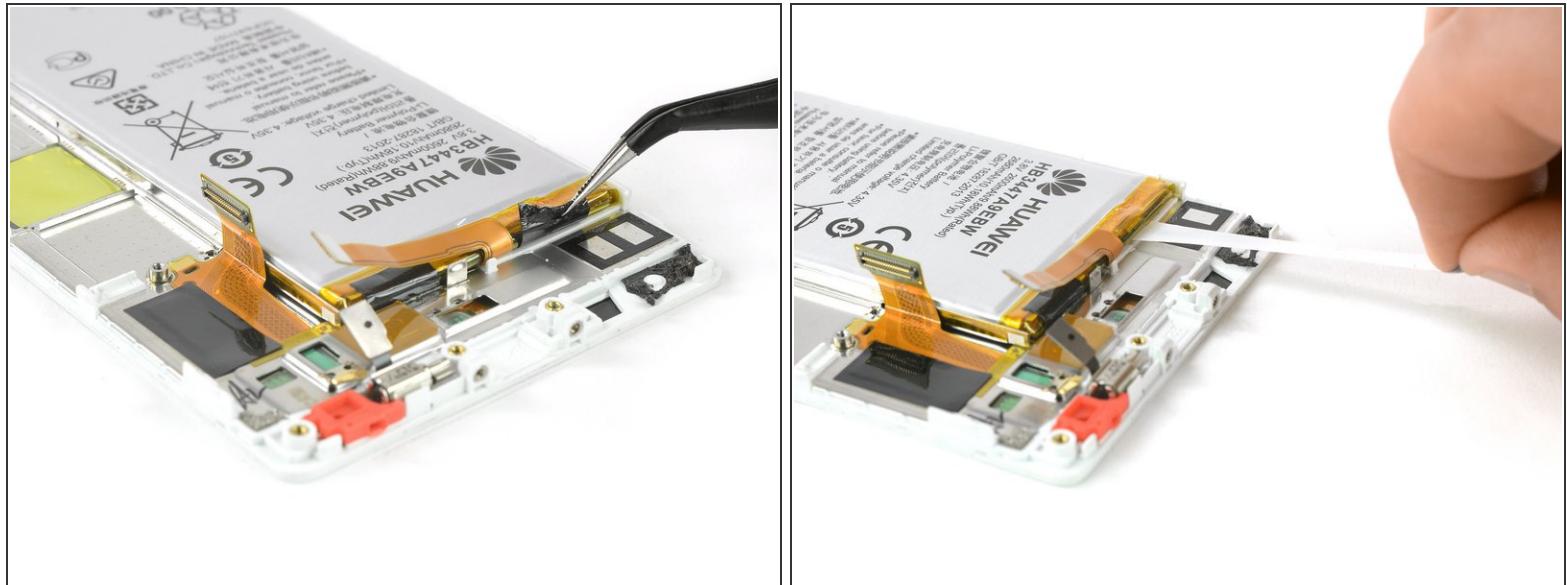
- Remove the motherboard from the phone.

Step 12



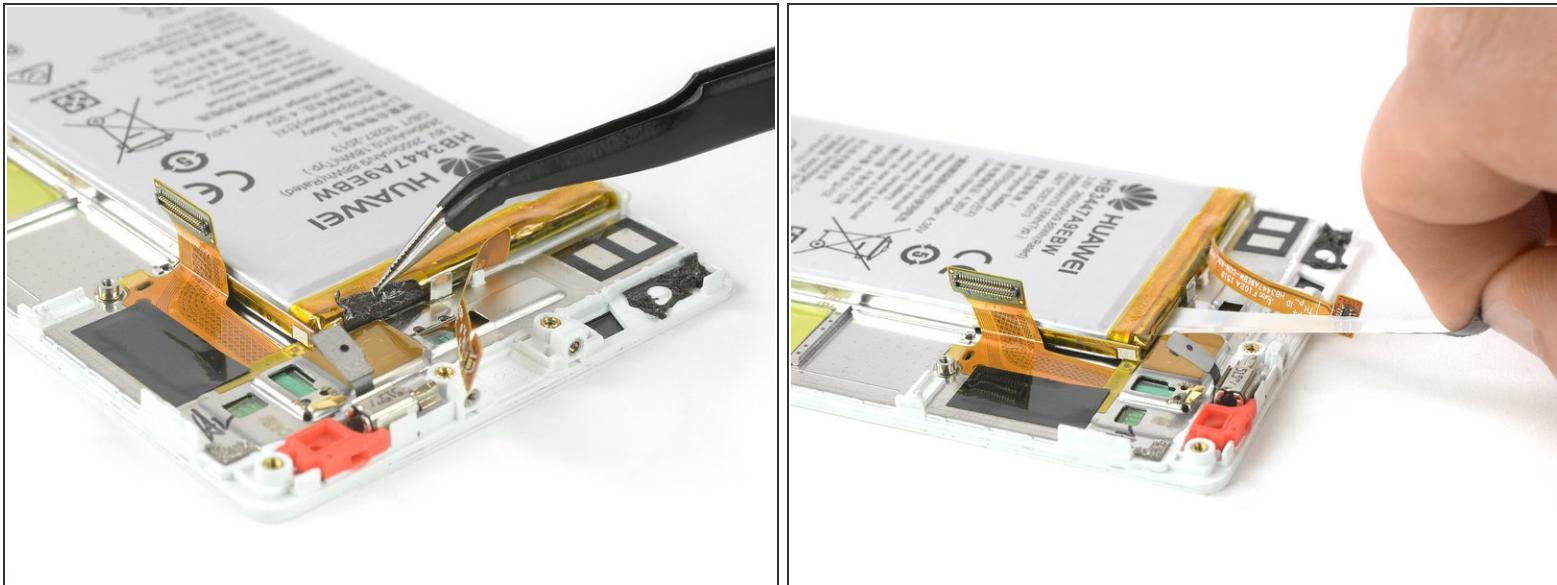
- Carefully peel up the flex cable of your loudspeaker.
 - If the cable is difficult to peel, heat the loudspeaker assembly with an [iOpener](#) or a heat gun.
- Lift up the loudspeaker assembly with a spudger and remove it.

Step 13



- Free the end of the first adhesive pull tab to get a good grip on it.
- Pull the adhesive tab in a slow constant movement to free the battery.

Step 14



- Free the end of the second adhesive pull tab.
- Pull the adhesive tab in a slow constant movement.

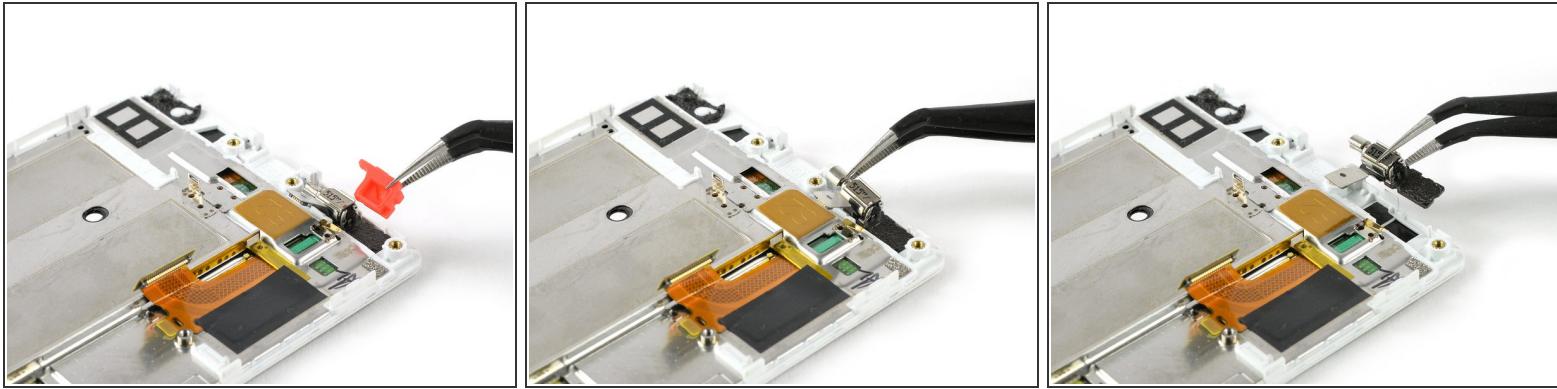
i Should those adhesive tabs snap, you might want to use an iOpener to heat and soften them a little bit so you can pry out the battery with a spudger.

Step 15



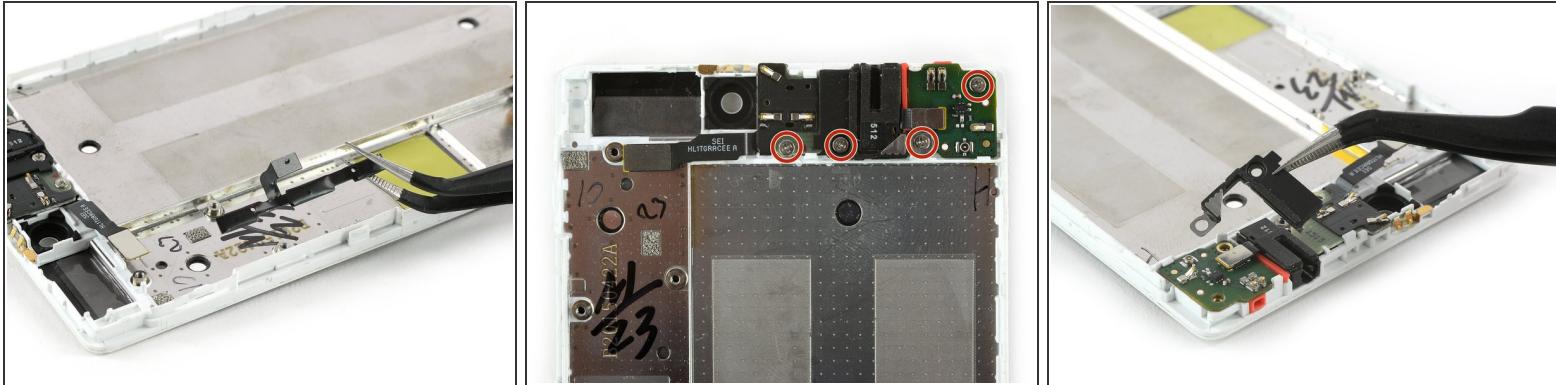
- Slowly lift the battery out.
- ★ When reassembling your phone replace old adhesive with [double-sided tape](#) or [pre-cut adhesive strips](#).

Step 16 — Display with Frame



- Remove the vibration motor gasket.
- Remove the vibration motor.
- ⓘ There is some adhesive under the vibration motor and its gasket. If you are not able to remove them, use an iOpener to loosen the adhesive a little bit.

Step 17



- Remove the power and volume button flex cable.
- Remove the four Phillips #00 screws.
- Use a tweezer to remove the plastic bracket which is covering the corner of the headphone jack.

Step 18



- Use a spudger to disconnect the headphone jack flex cable.
- Use a tweezer to remove the first daughter board which was connected to the headphone jack.
- Remove the second daughter board including the headphone jack.

(i) Both daughterboards are clamped into the mid frame and a little bit tricky to remove. Try to grab them near the holes for the Phillips #00 screws to not damage any contacts.

Step 19



- Remove the gasket which was placed under the daughterboard in the top right corner of your phone.
- Remove the earpiece speaker with a tweezer. Take care of its connectors while doing so.
- Remove the front camera gasket.

Step 20



i Before reassembly compare your new replacement part with the old one and check for any additional

components that might need to be transferred.

To reassemble your device, follow these instructions in reverse order. Reapply adhesive where necessary and transfer the rubber gaskets and sealings of your old frame to the new one.