



Huawei P10 Display Assembly with Frame Replacement

Remove and replace the display assembly with frame in your Huawei P10 smartphone.

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INTRODUCTION

In this guide we show you, how to remove and replace the display assembly with frame in your Huawei P10 smartphone.

To protect your eyes from glass shreds and get a better grip to open the phone you might want to apply some tape onto the screen.

When reassembling apply new adhesive where it is necessary. Before reassembly check your new part for any components that might need to be transferred from the old one.



TOOLS:

- [Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [P2 Pentalobe Screwdriver iPhone](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iOpener](#) (1)
- [SIM Card Eject Tool](#) (1)
- [Tweezers](#) (1)



PARTS:

- [Huawei P10 Screen](#) (1)

Step 1 — Back Cover



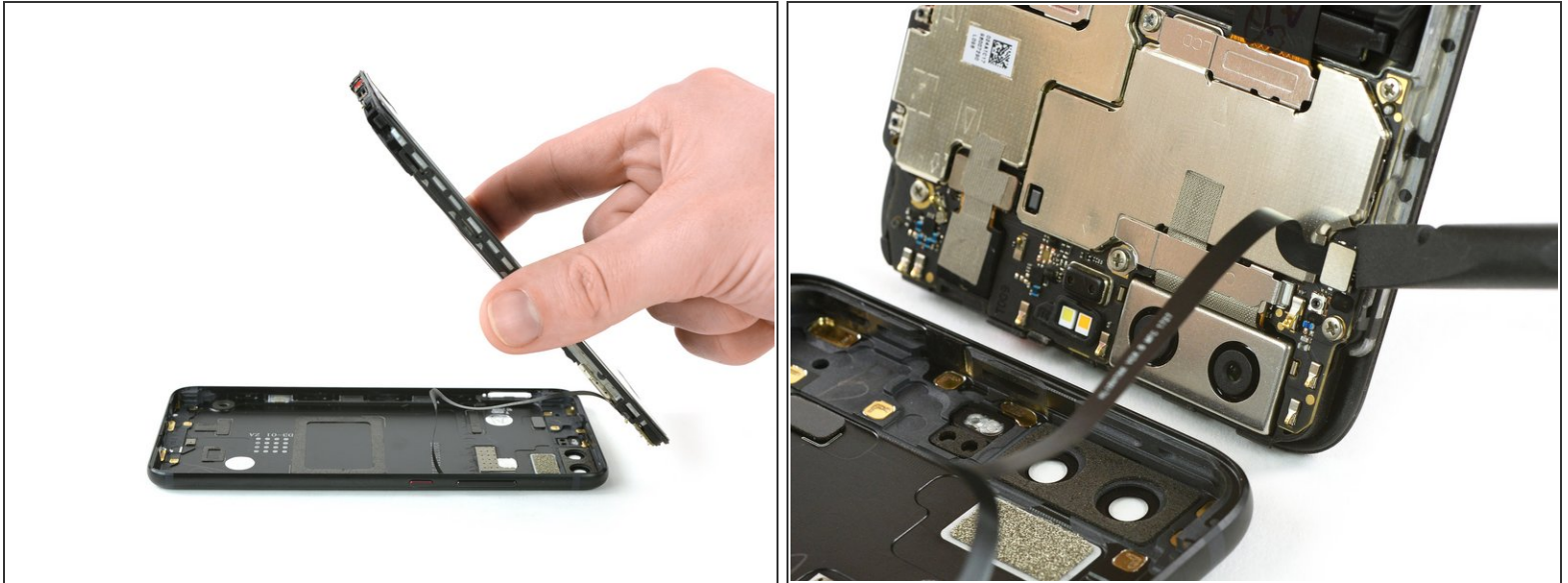
- Switch off your phone.
- Remove the two Pentalobe P2 screws at the bottom.
- Remove the SIM card tray.


Step 2



- Insert a plastic opening tool between the display and the case starting at the bottom area of your phone.
- Carefully pry the display with its parts out of the case.
 - ⓘ Getting the prying tool in will require some effort, be careful not to slide the tool too much or you might slightly damage the housing.
- After you pried out the bottom end, use the opening tool to open the clamps on both sides.

Step 3



 Don't open the phone all the way, yet. The cable for the standby and volume buttons is still connected to the back cover.

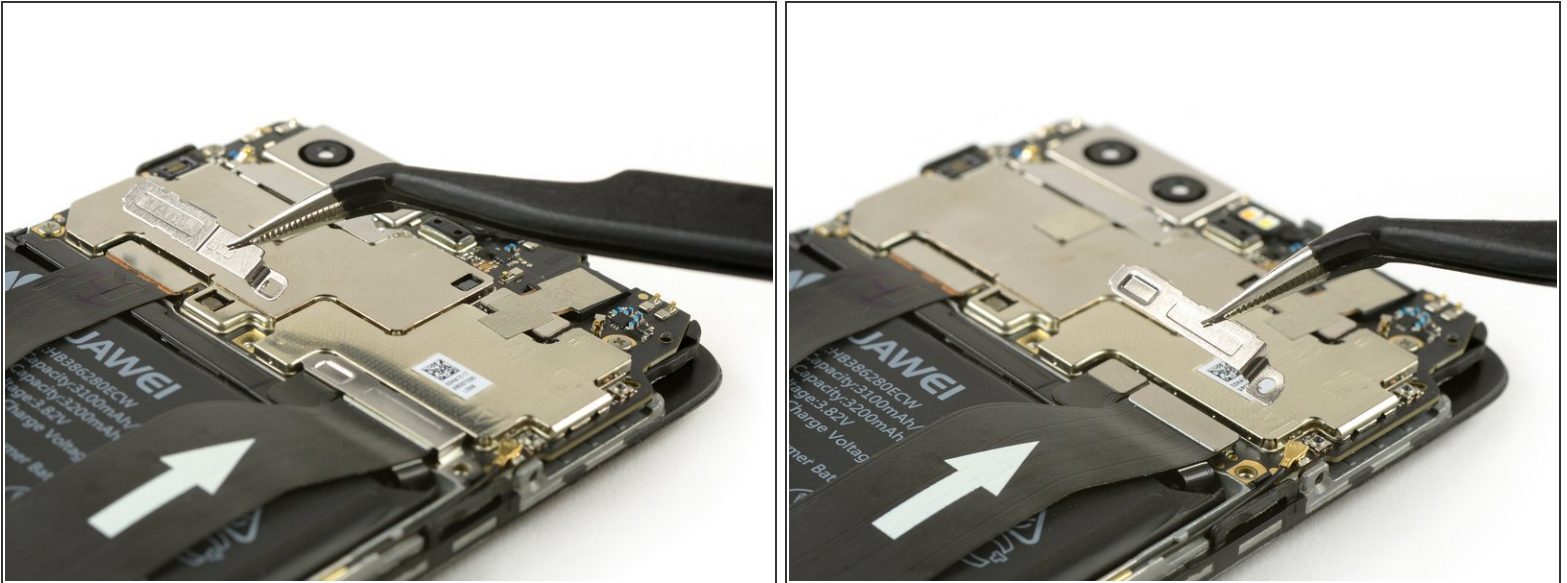
- Swing open the phone backwards.
- Use a spudger to disconnect the power- and volume button flex cable.

Step 4 — Battery



- Remove the two Phillips #00 screws.

Step 5



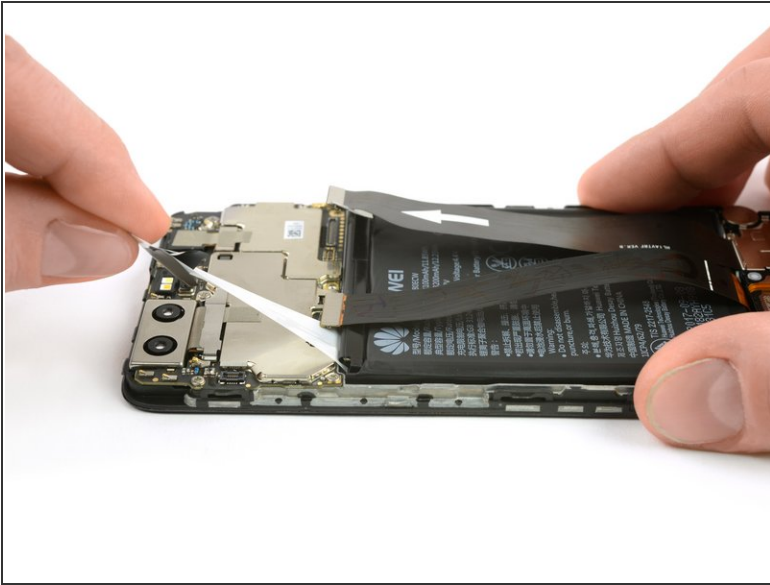
- Use tweezers to remove the two cable brackets.

Step 6



- Use a spudger to disconnect the battery, the interconnect and the display flex cable.

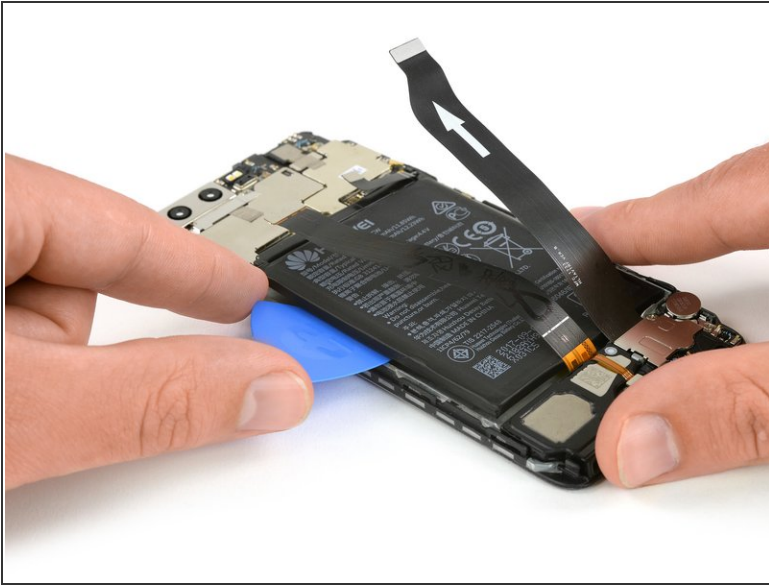
Step 7




- i** The battery is glued in place with two adhesive strips. One with a pull tab and one without.


 - Peel out the adhesive strip which is placed beneath the battery by steadily pulling at the tab in a flat angle.
 - i** It is likely that the adhesive strip rips. In this case you can grab and twist it around a tweezers tip a couple of times and then continue.
 - [Use an iOpener](#) to loosen the remaining adhesive.

Step 8

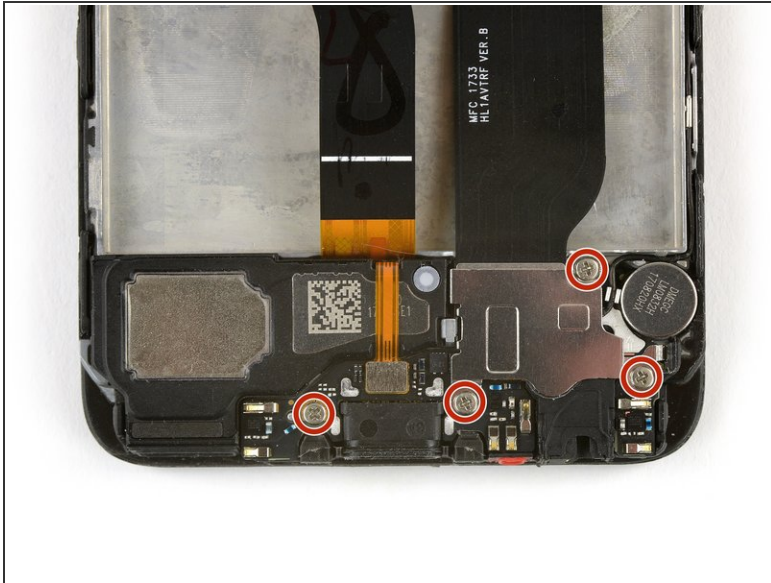


 Take care to not bend or puncture the battery.

- Insert an opening pick or spudger beneath the battery and carefully pry it out.
- Remove the battery.
- ☒ When reassembling your phone, replace old adhesive with [stretch release adhesive strips](#), [double-sided tape](#), or [pre-cut adhesive strips](#).

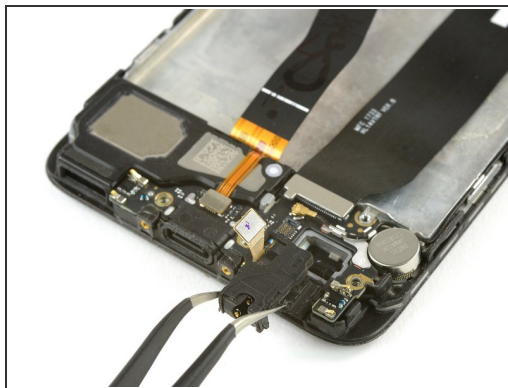
 Never reinstall a battery that has been bent or damaged during removal.

Step 9 — Display Assembly with Frame



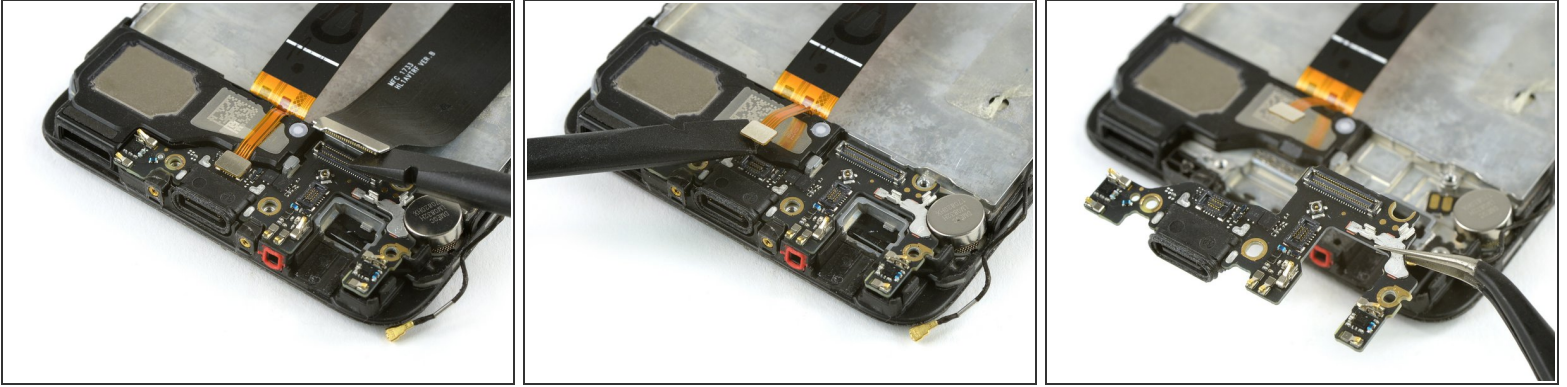
- Remove the four Phillips #00 screws.
- Use tweezers to remove the metal plate that covers the charging board and the main flex cable.

Step 10



- Use the flat end of a spudger to disconnect the flex cable of the headphone jack.
- Remove the headphone jack with tweezers. There's a little adhesive underneath so it can be a bit sticky.
- Unplug the antenna cable with tweezers.

Step 11



- Disconnect the main flex cable with a spudger and remove it.
- Disconnect the loudspeaker flex cable.
- Carefully remove the charging board.

Step 12



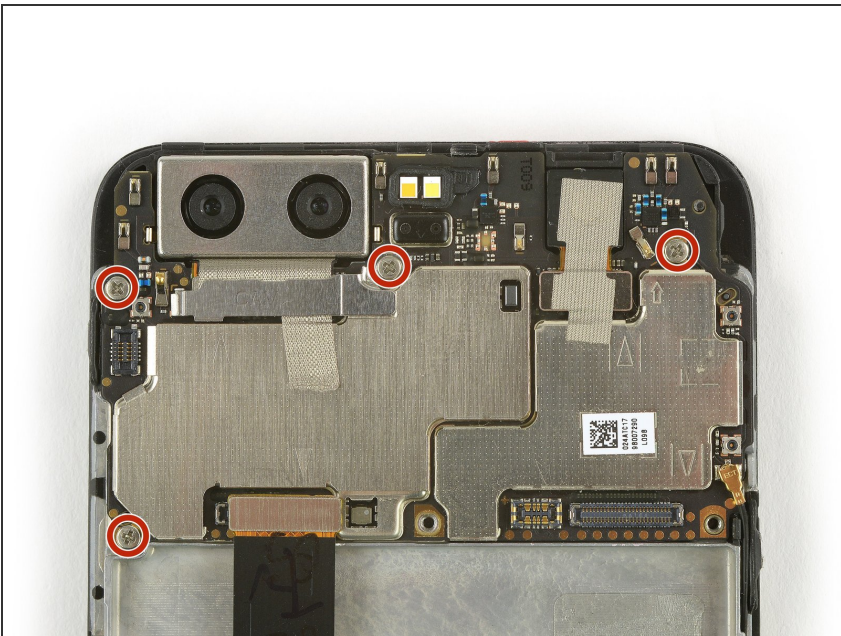
- Remove the vibration motor. If the adhesive is too strong, [heat an iOpener](#) to soften it and ease removal.
- Use the flat end of a spudger to pry up under the speaker.
- Remove the loudspeaker.

Step 13



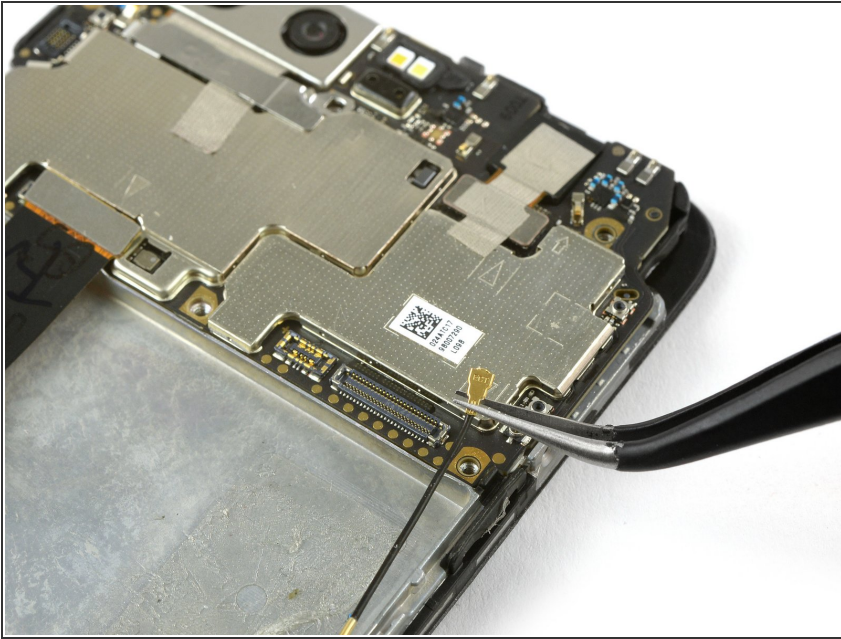
- Remove the rubber gasket with tweezers.
- ⓘ If the gasket is included in your new part, there is no need to remove it from the old one.

Step 14



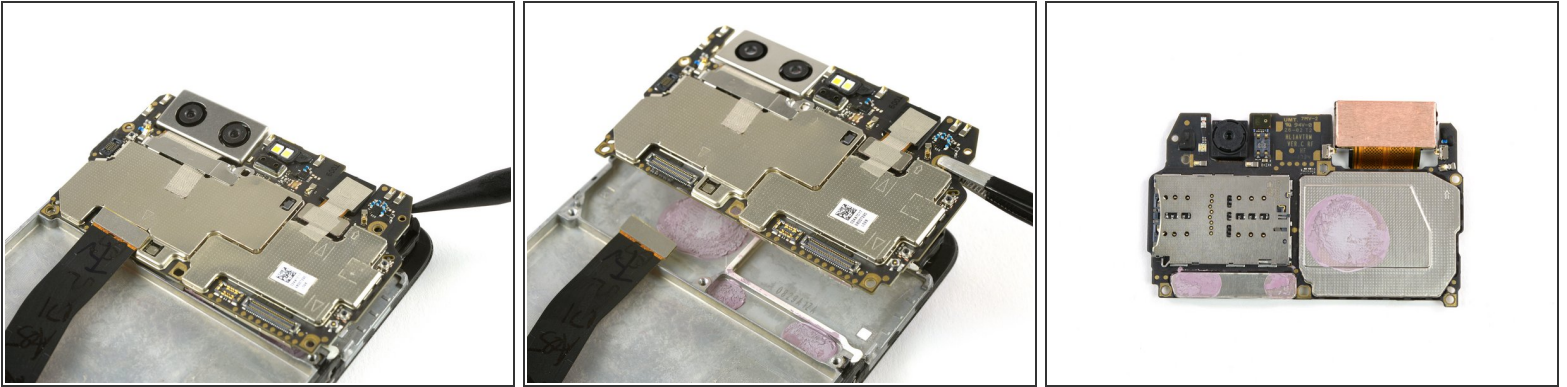
- Remove the four Phillips #00 screws from the motherboard.

Step 15



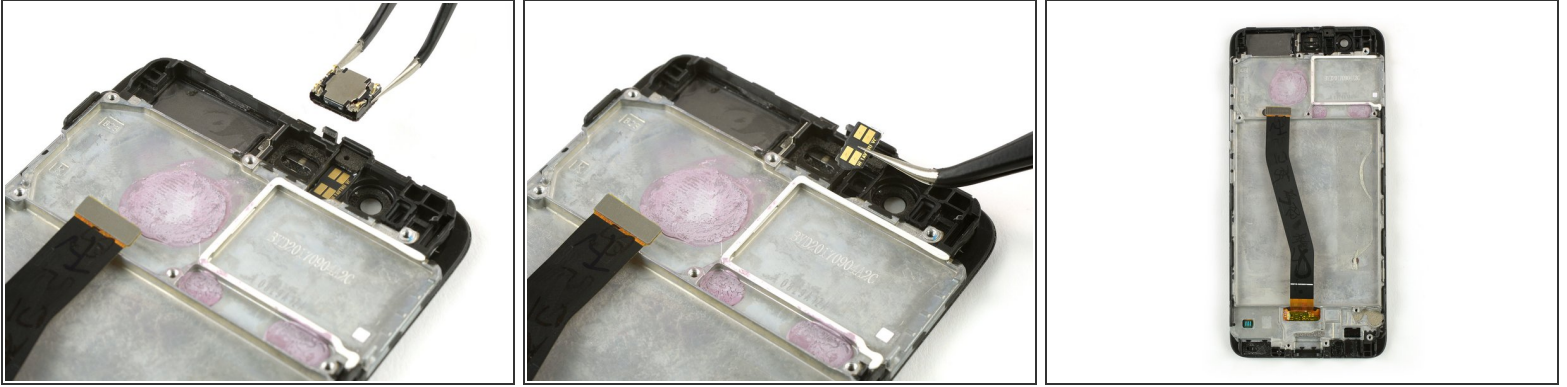
- Disconnect the antenna cable and remove it.

Step 16



- Use the pointed end of a spudger in the top right corner of the motherboard and pry it out until you can get a good grip.
- ⚠ The front and the rear cameras are still connected to the motherboard. Don't damage them while you remove the motherboard.
- Remove the motherboard.
- ✦ On the back of the motherboard there are thermal pads (pink rubber-like gobs) for heat dissipation. If these thermal pads broke or are too dried out you might need to [apply new thermal pads](#) on the new display assembly or the motherboard.

Step 17



- Remove the earpiece speaker with a tweezer.
 - ⚠ Take care of the metal connectors to not bend them.
- Carefully remove the proximity sensor from its recess.
- ☑ Before reassembly check your new part for any components that might need to be transferred from the old one.
- ☑ When reassembling your phone replace old adhesive with [double-sided tape](#) or [pre-cut adhesive strips](#).

To reassemble your device, follow these instructions in reverse order. When reassembling apply new adhesive where it's necessary.