



# Huawei P9 Lite Display with Frame Replacement

Replace the display including the frame of your Huawei P9 Lite.

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## INTRODUCTION

Use this guide to replace the display including the frame of your Huawei P9 Lite. Also, take a look at the comments in the last two steps, they might come in handy depending on your replacement part.



### TOOLS:

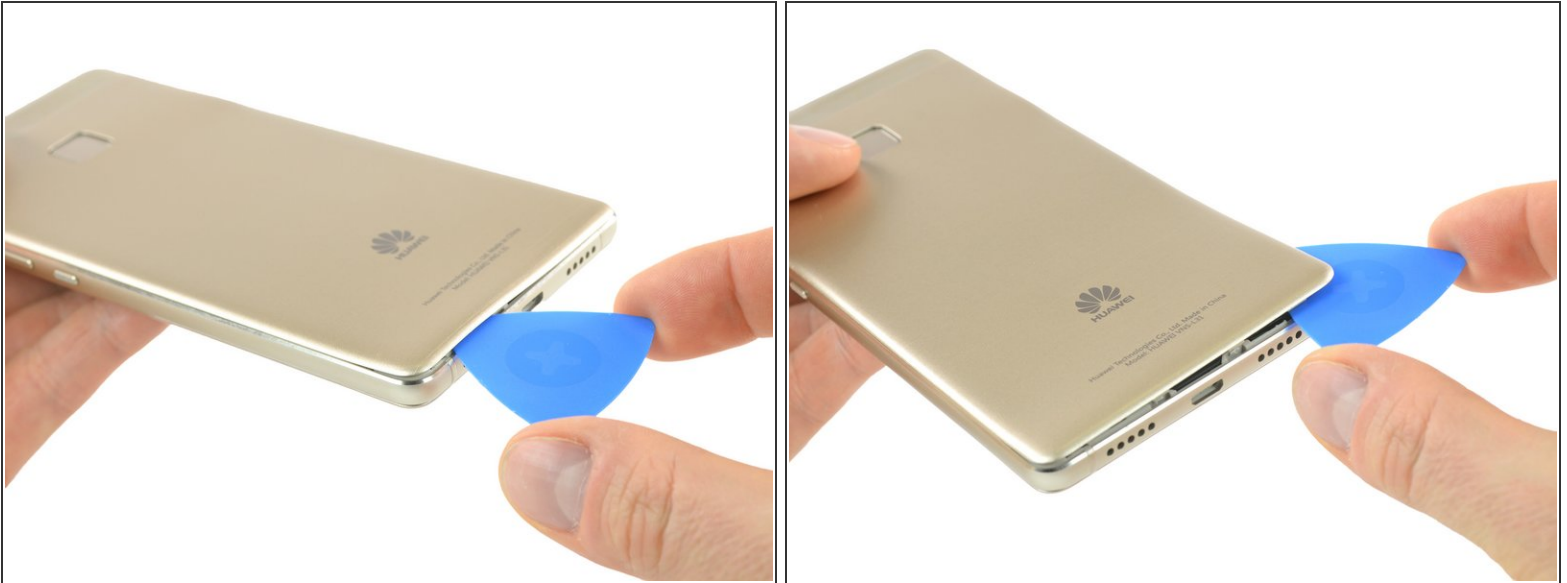
- [iFixit Opening Picks set of 6](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)
- [Phillips #00 Screwdriver](#) (1)



### PARTS:

- [Huawei P9 Lite Screen](#) (1)

## Step 1 — Back Cover



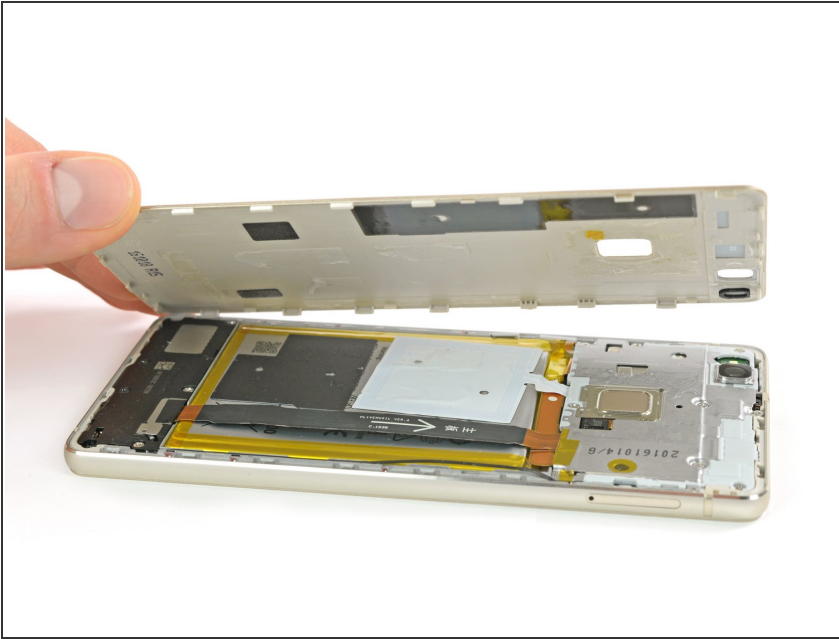
- Use an opening pick to unclip the rear cover, starting from the bottom corner.
- Work your way around counterclockwise and carefully pry the plastic tabs open one by one.

## Step 2



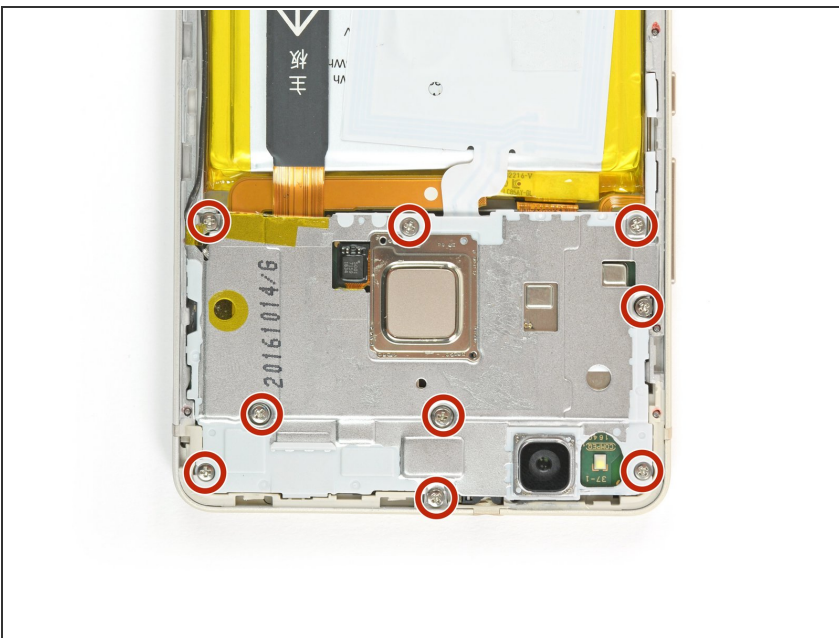
- ⓘ There is adhesive underneath the back cover that holds it to the battery and the metal plate at the top.
- ⚠ Be careful with the flex cable at the right hand side.
- Twist the opening pick to lever the back cover away and loosen it from the adhesive.

### Step 3



- When the back cover is freed from the adhesive you can pop it off by hand completely.

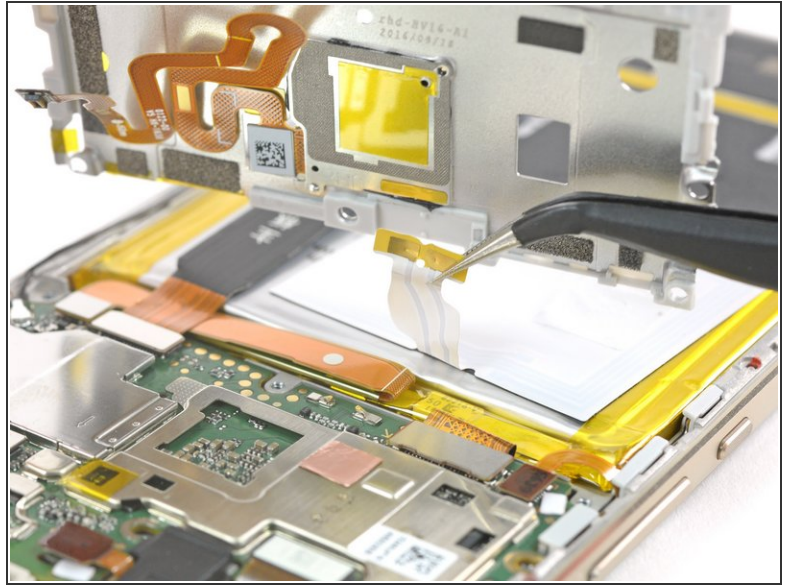
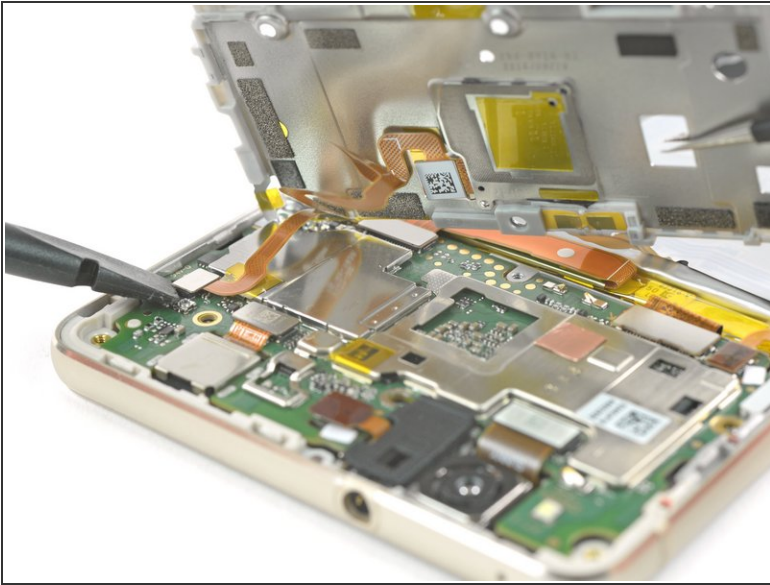
### Step 4 — Motherboard Shield



- Remove the nine Phillips #00 screws that secure the metal shield plate.
- ⓘ Some screws may be covered with tamper proof stickers. Remove them to ensure a proper seating for your driver.



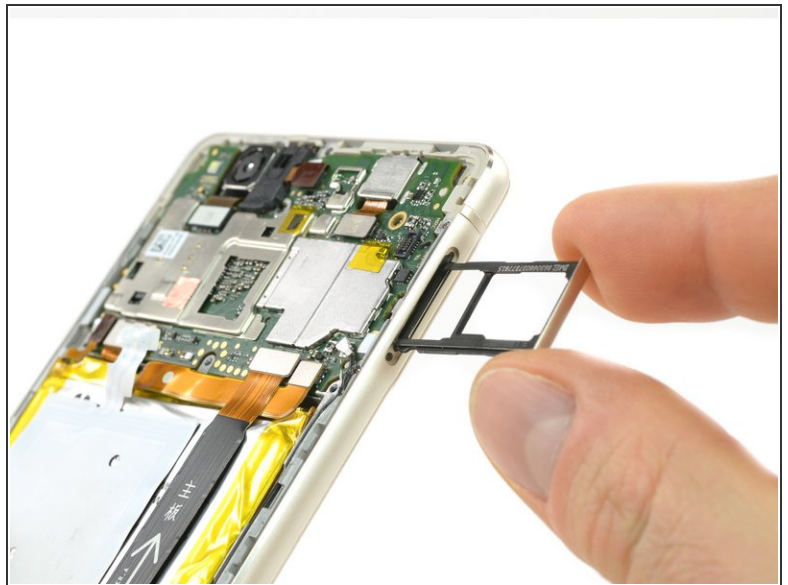
## Step 5



 Do not remove the shield plate yet, it is attached by a connector and an adhered cable.

- Use a spudger to disconnect the fingerprint sensor from the motherboard.
- Peel the NFC antenna cable off of the metal plate.

## Step 6 — Motherboard



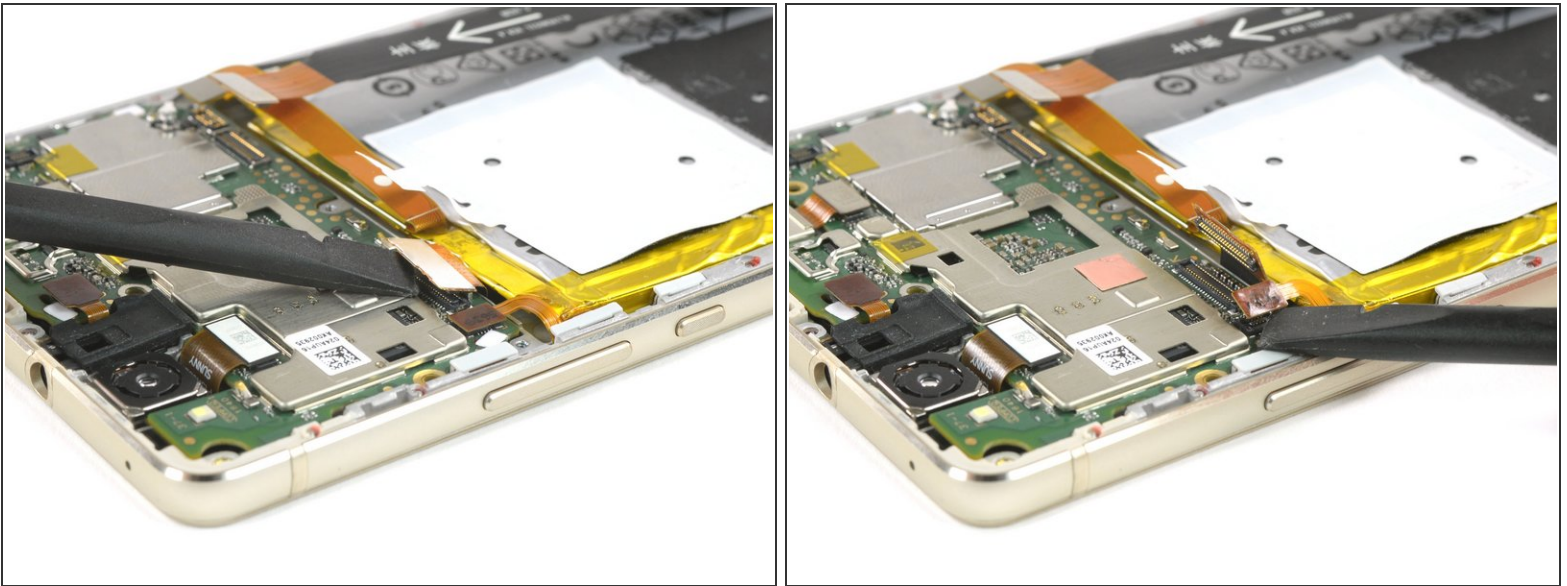
- Remove the SIM card tray.

## Step 7



- Disconnect the motherboard flex, the battery flex and the antenna cable.

## Step 8



- Disconnect the display flex and the power and volume button cable.



## Step 9



- Unplug the rear camera and the headphone jack.

## Step 10



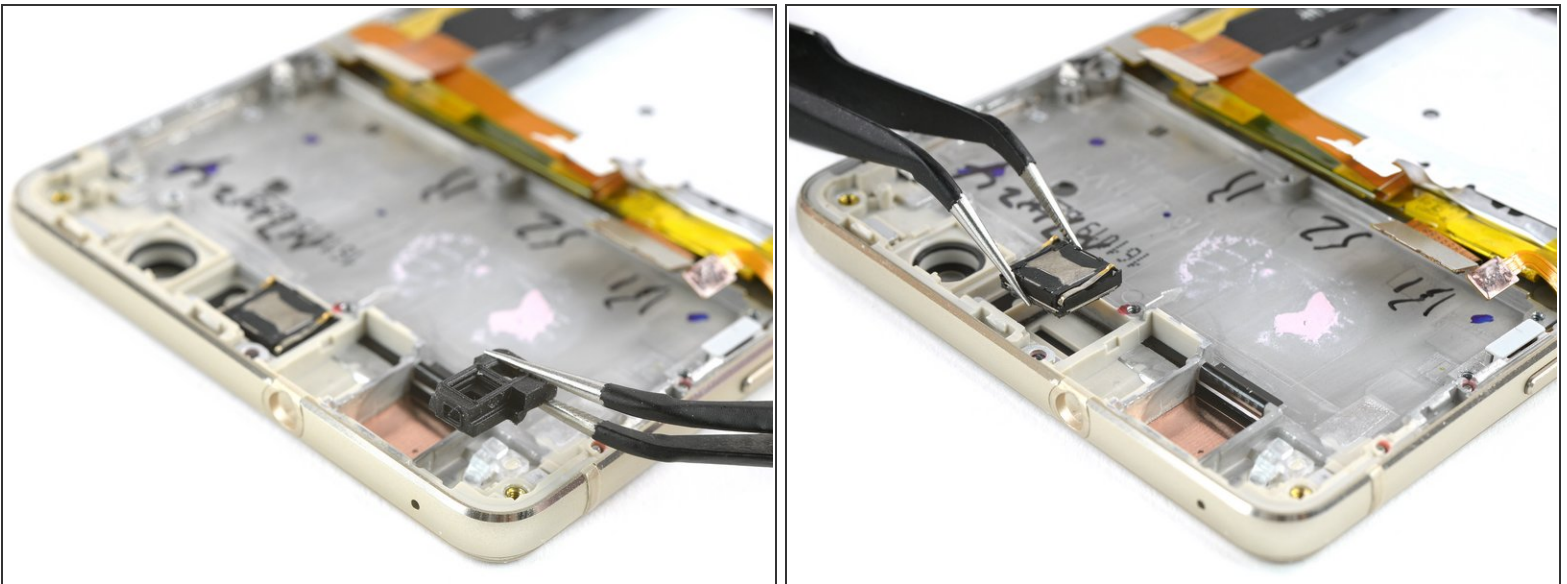
- Take the camera and the headphone jack out of their recesses.

## Step 11



- Use a spudger to lift the motherboard carefully.
- Remove the motherboard assembly.
- ☑ On the back of the motherboard there is a thermal pad (pink rubber-like gob) for heat dissipation. If you are about to replace the display assembly, and the thermal pad broke or is too dried out, you might want to [replace it with a new one](#).

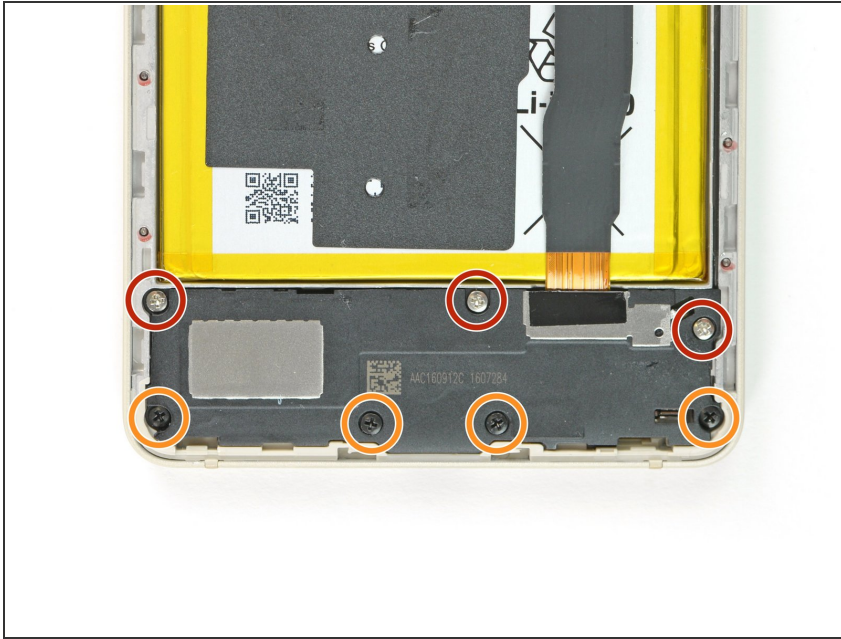
## Step 12 — Display with Frame



- Remove the rubber microphone cover and the earpiece speaker.



## Step 13



- Remove the seven loudspeaker screws:
  - Three silver 2.9 mm Phillips #00
  - Four black 3.8 mm Phillips #00

## Step 14



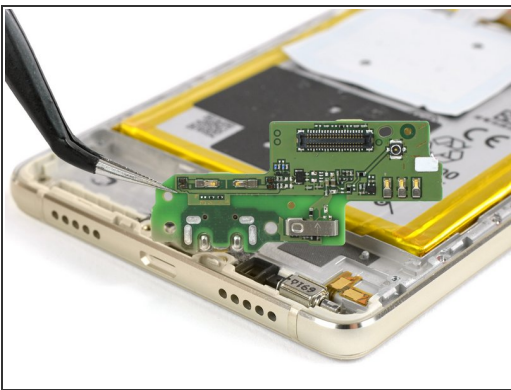
- Remove the loudspeaker.

## Step 15



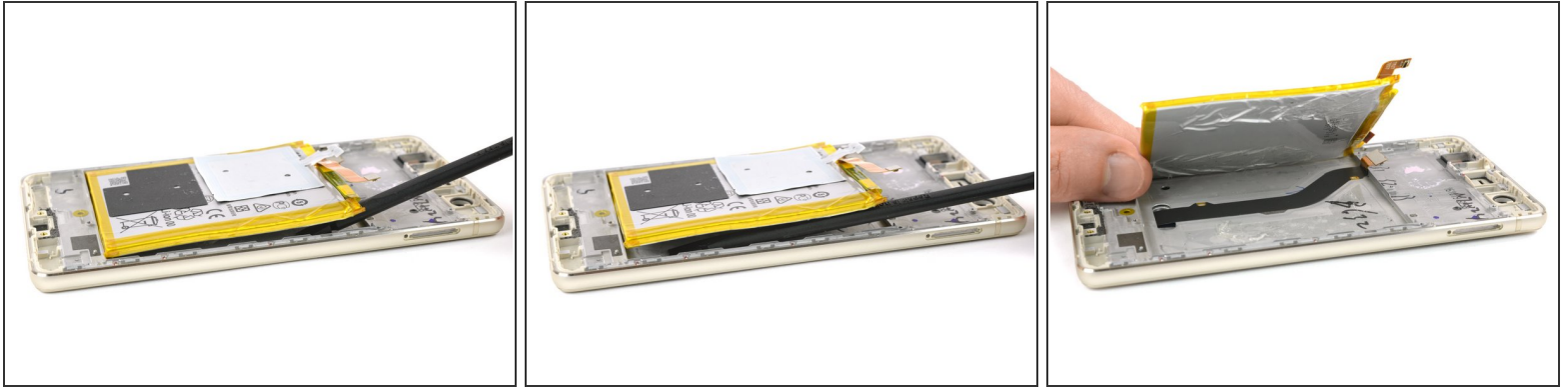
- Unplug the motherboard flex cable and disconnect the antenna cable.
- Put both cables aside.




## Step 16



- Now remove the daughter board.
- Carefully peel off the contact of the vibration motor and take it out.
- Also remove the lower microphone housing.

## Step 17



-  Only pry along the SIM tray edge of the battery to protect the display flex cable that runs under the center of the battery.
- Insert a spudger or thin prying tool at a shallow angle to avoid bending the battery and pry it up from its adhesive.
-  Compare the new and the old part for any small components that need to be transferred like buttons or gaskets.
-  Never reinstall a battery that has been bent or damaged during removal.

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