



Huawei P10 Lite Motherboard Replacement

Replace the motherboard in your Huawei P10 Lite smartphone.

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INTRODUCTION

Use this guide to replace the motherboard in your Huawei P10 Lite smartphone.



TOOLS:

- [iFlex Opening Tool](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
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Step 1 — Back cover



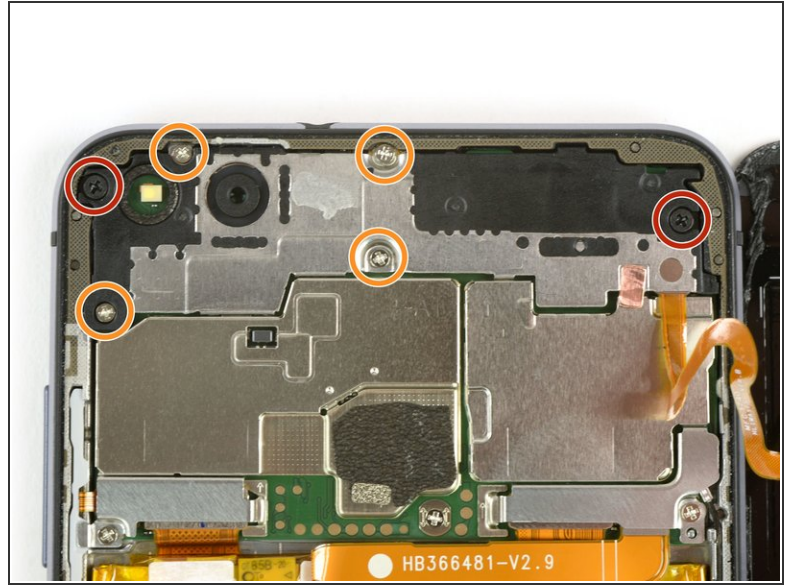
- Insert the tip of an opening pick between the back cover and the mid frame and slide it around the phone, to cut the adhesive.
 - Using a suction handle to lift the back cover may help to get an initial gap for the opening pick to put in.
- ❗ If the adhesive is hard to cut, [use an iOpener](#) to loosen it.

Step 2



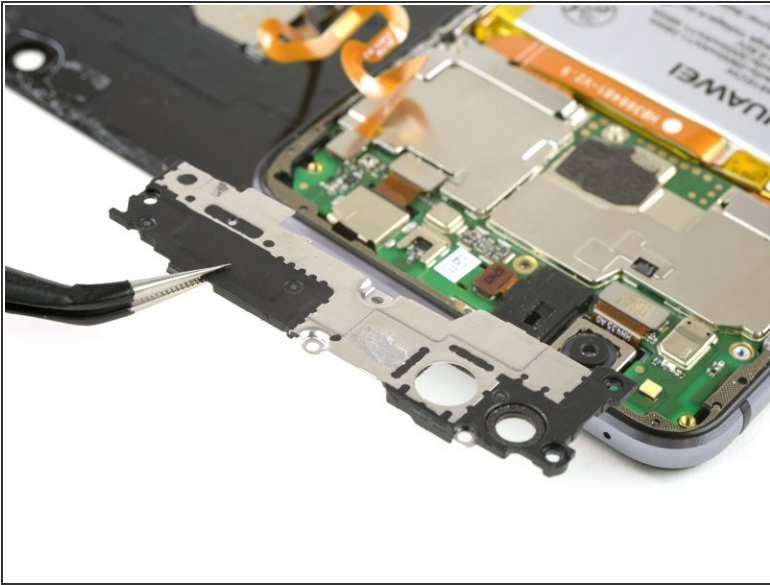
- After you cut the adhesive on every edge, twist your opening pick, to separate the rear cover from the phone.
- Flip the rear cover over to the right side of the phone.

Step 3



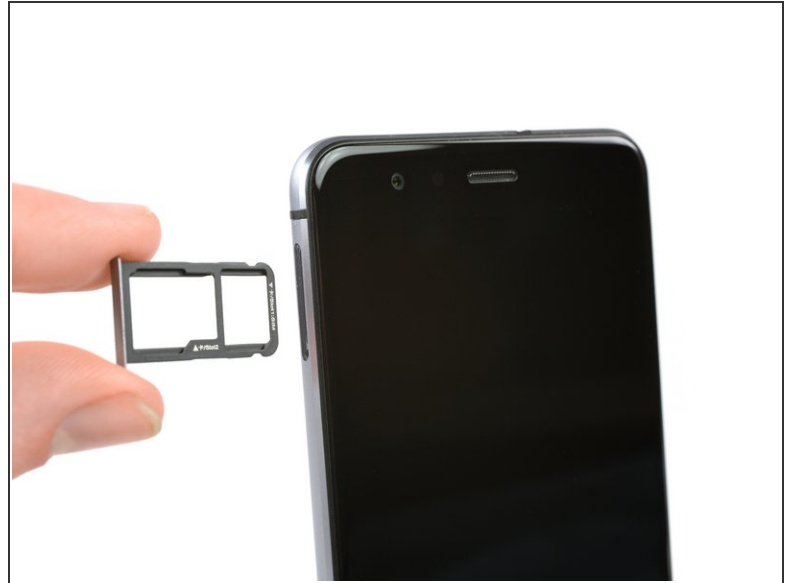
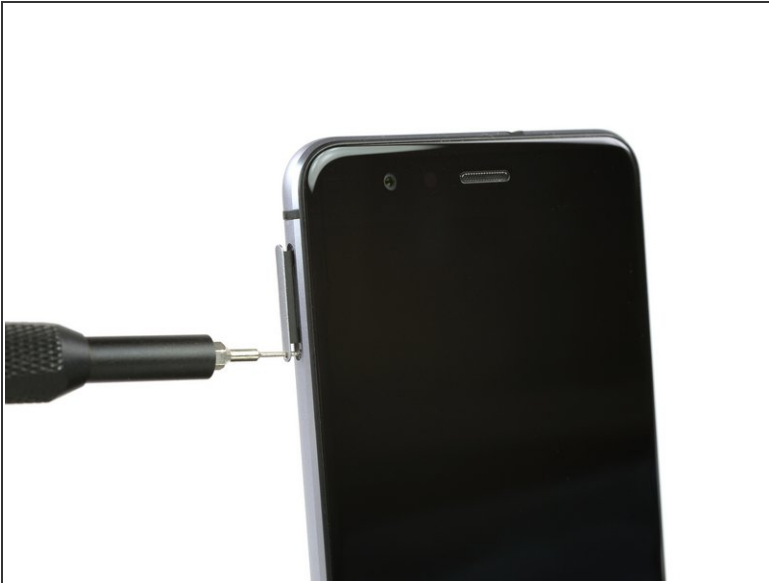
- Use a pair of tweezers to remove the sticker.
- Remove the two Phillips #00 screws.
- Remove the four 2.5 mm Phillips #00 screws.

Step 4



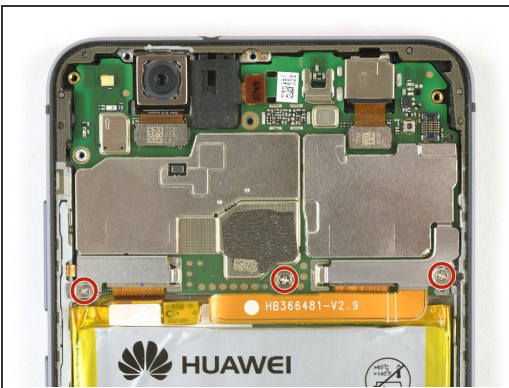
- Use tweezers to remove the mainboard shield.
- Use the flat end of a spudger to disconnect the finger print sensor flex cable.
- ⓘ When reassembling apply new adhesive where it is necessary.

Step 5 — SIM Card Tray



- Use a SIM card removal bit or tool and push it into the small hole in the SIM card tray.
- Remove the SIM card tray.

Step 6 — Motherboard



- Remove the three Phillips #000 screws.
- Use tweezers to remove the two metal shields which cover the flex cables on the mainboard.

Step 7



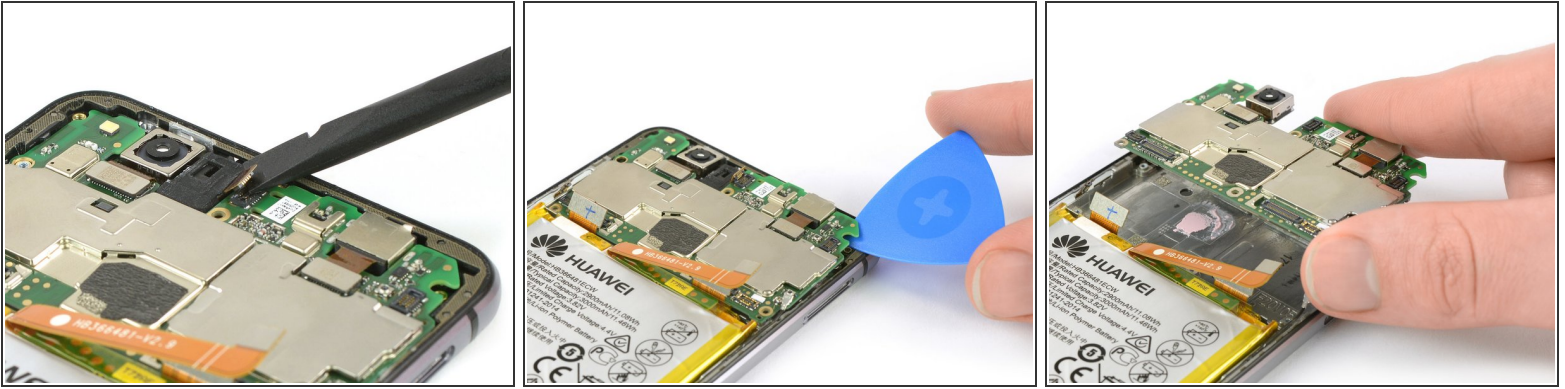
- Use the flat end of a spudger to disconnect the volume and power button, the display and the main flex cable.

Step 8



- Disconnect the battery flex cable with a spudger.
- Unplug the antenna cable with tweezers.

Step 9



- Disconnect the headphone jack flex cable with the flat end of a spudger.
- Use an opening pick to pry out the motherboard until you can get a good grip.
- ⚠ Both camera are still attached to the motherboard. Don't damage them while you remove it.
- Remove the motherboard.
 - ❗ If you want to replace your motherboard you need to disconnect both cameras and transfer them to your spare part.
- ☑ 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.

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