



Huawei P30 Pro Daughterboard Cover Replacement

daughterboard cover prereq only

Written By: Dominik Schnabelrauch



INTRODUCTION

daughterboard cover prereq only

TOOLS:

- [Suction Handle \(1\)](#)
- [iOpener \(1\)](#)
- [iFixit Opening Picks set of 6 \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)
- [Spudger \(1\)](#)

PARTS:

- [Tesa 61395 Tape \(1\)](#)

Step 1 — Rear Glass



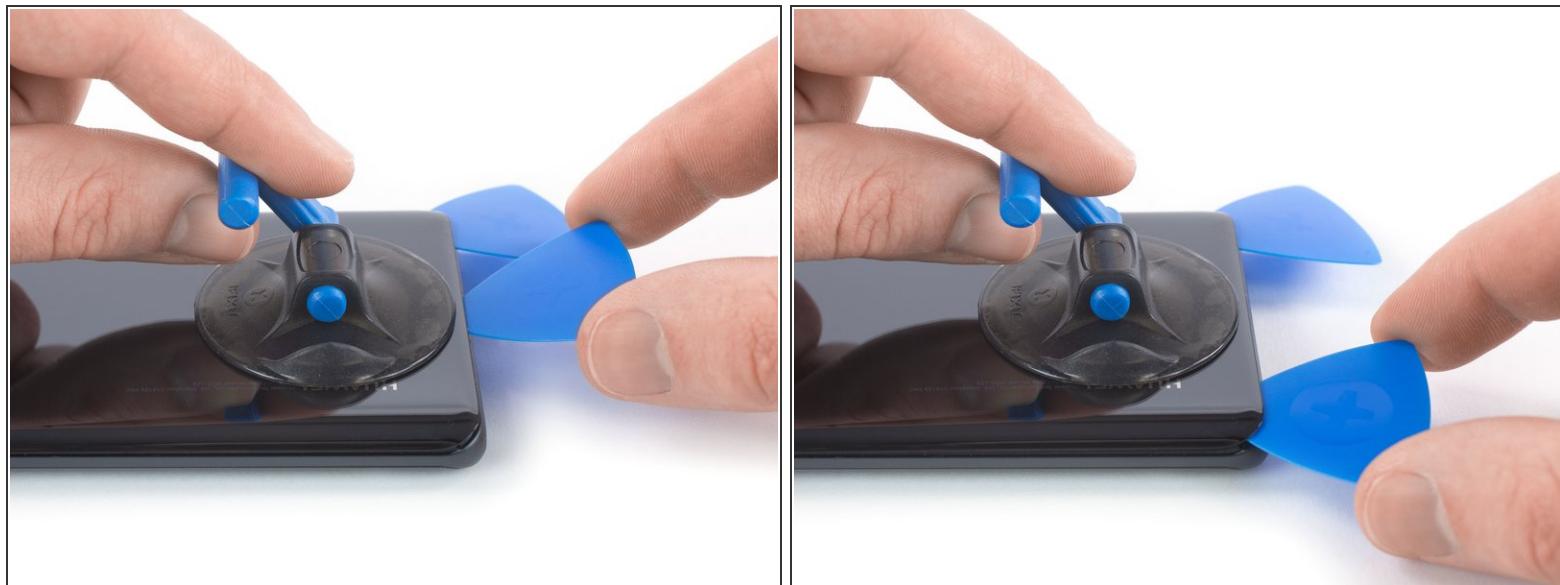
- Before you begin, switch off your phone.
- Apply a [heated iOpener](#) to the back of the phone to loosen the adhesive beneath the back cover. Apply the iOpener for at least two minutes.

Step 2



- Secure a suction handle to the bottom of the back cover, as close to the edge as possible.
 - If the phone's rear glass is cracked, the suction handle may not stick. Try [lifting it with strong tape](#), or superglue the suction handle in place and allow it to cure so you can proceed.
- Lift the back cover with the suction handle to create a small gap between the cover and the frame.
- Insert an opening pick into the gap.
 - If you have trouble, apply more heat to further soften the adhesive. Follow the iOpener instructions to avoid overheating.
- Slide the opening pick to the bottom right corner.

Step 3



- Insert a second opening pick and slide it to the bottom left corner to cut the adhesive.
- Leave the opening picks in place to prevent the adhesive from resealing.

Step 4



- Insert a third opening pick at the bottom left corner.

⚠ In the next few steps whilst cutting around the rear camera make sure you only use the tip of the opening pick to avoid smearing the lens or damaging the camera.

- Slide the tip of the opening pick from the bottom left corner along the side of the phone to cut the adhesive.
- Leave the opening pick in its place at the top left corner to prevent the adhesive from resealing.

Step 5



- If the adhesive becomes hard to cut, it most likely cooled down. [Use your iOpener](#) to reheat it.
- Insert a fourth opening pick under the top left corner of the back cover.
- Slide the opening pick along the top edge of the phone to cut the adhesive.
- Leave the opening pick in the top right corner to prevent the adhesive from resealing.

Step 6



- Insert a fifth opening pick at the top right corner of the phone.
- Slide the opening pick along the right side to cut the remaining adhesive.

Step 7



- Lift and remove the back cover.
- Before installing fresh adhesive and reassembling, remove any remaining adhesive from the phone, and clean the glued areas with isopropyl alcohol and a lint-free cloth.
- ☒ During reassembly, this is a good point to power on your phone and test all functions before sealing it up. Be sure to power your phone back down completely before you continue working.
- ☒ Secure the new back cover with pre-cut adhesive or double-sided adhesive tape. [After installing the rear glass](#), apply pressure for several minutes to help the adhesive form a good bond, such as by placing it under a stack of heavy books.

Step 8 — Motherboard Cover with NFC & Charging Coil



- Remove the ten Phillips #00 screws (4.3 mm length).

Step 9



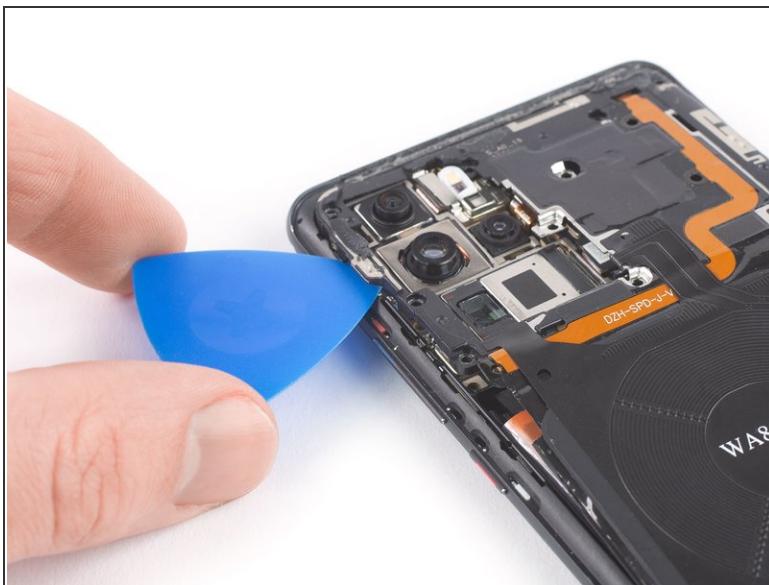
- Slide an opening pick under the black adhesive at the bottom right of the charging coil.
- Carefully loosen the adhesive with the opening pick.

Step 10



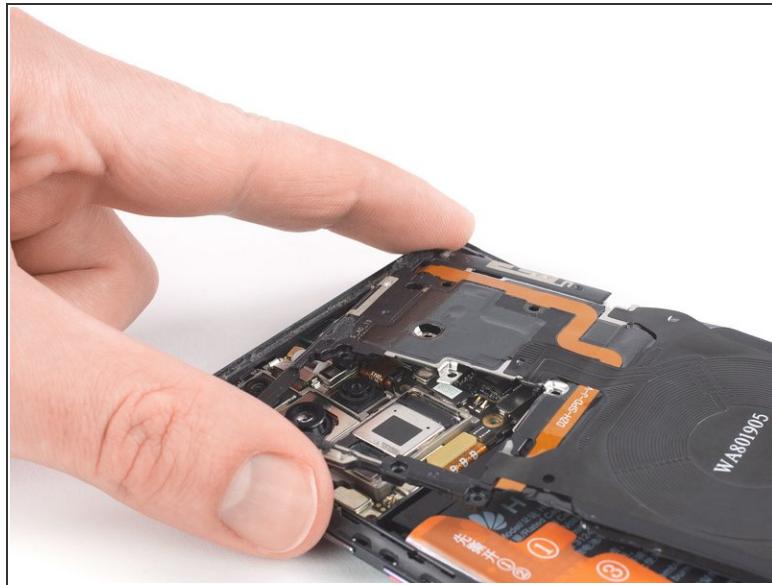
- Slide an opening pick under the black adhesive at the bottom left of the charging coil.
- Carefully loosen the adhesive with the opening pick.

Step 11



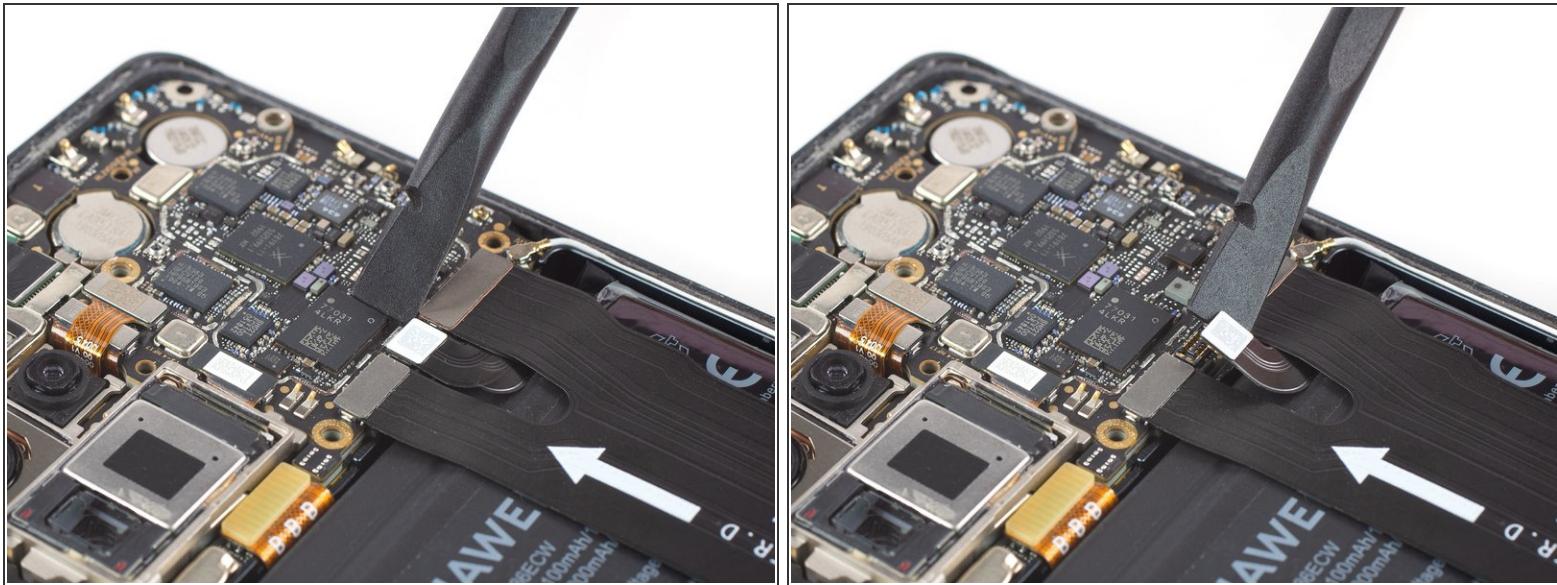
- Slide an opening pick under the left side of the motherboard cover.
- Unhinge the left side of the motherboard cover by slightly rotating the opening pick.

Step 12



- Push the motherboard cover out of the sockets at the top edge of the phone beginning with the top left corner.
- Remove the motherboard cover including the NFC and charging coil.

Step 13 — Battery Disconnect



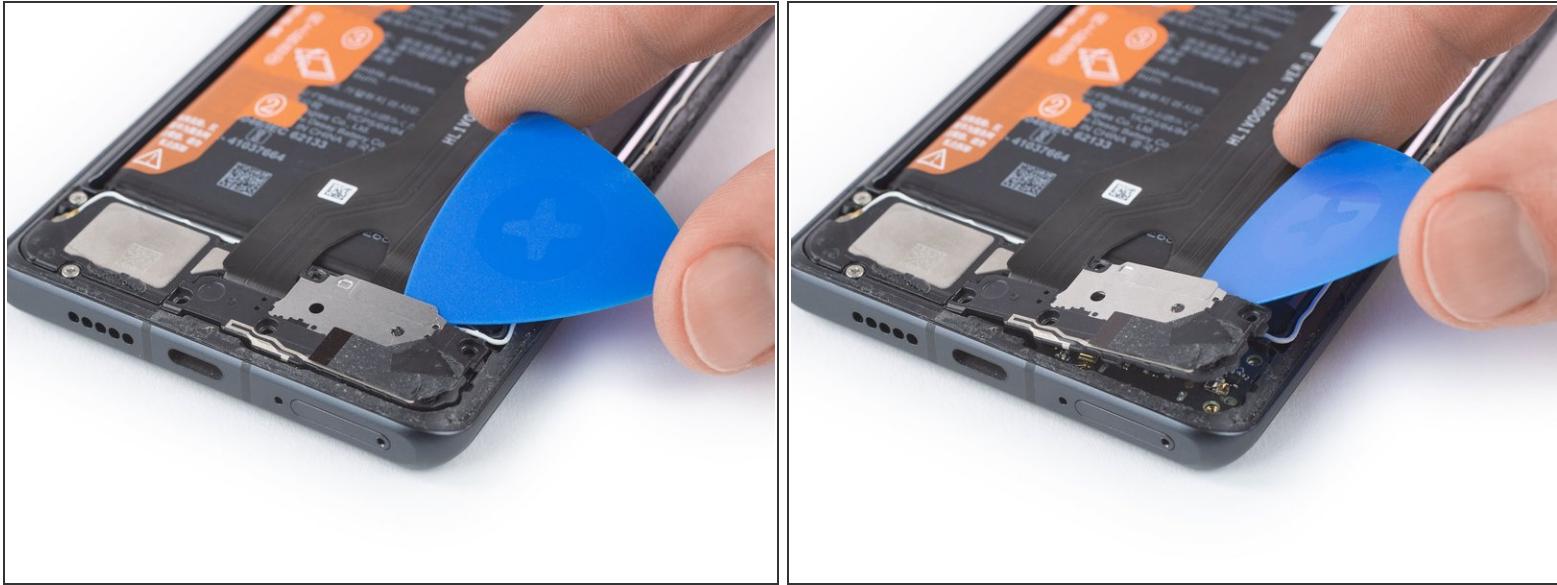
- Use a spudger to pry up and disconnect the battery connector.
- ➡ When you disconnect connectors like these, be careful not to dislodge the small surface-mounted components surrounding the socket.

Step 14 — Daughterboard Cover



- Remove the five Phillips #00 screws (4.3 mm length).
 - ➡ Some of these screws may be hidden under adhesive. Carefully peel the adhesive to uncover these screws.

Step 15



- Slide an opening pick under the top edge of the daughterboard cover.
- Pry up and unhinge the daughterboard cover by slightly rotating the opening pick.

Step 16



- Remove the daughterboard cover.

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