



# Huawei P20 Battery Disconnect Procedure

prereq battery disconnect

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# INTRODUCTION

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## TOOLS:

- ESD Safe Tweezers Blunt Nose (1)
- Phillips #00 Screwdriver (1)
- Suction Handle (1)
- iOpener (1)
- iFixit Opening Picks set of 6 (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.

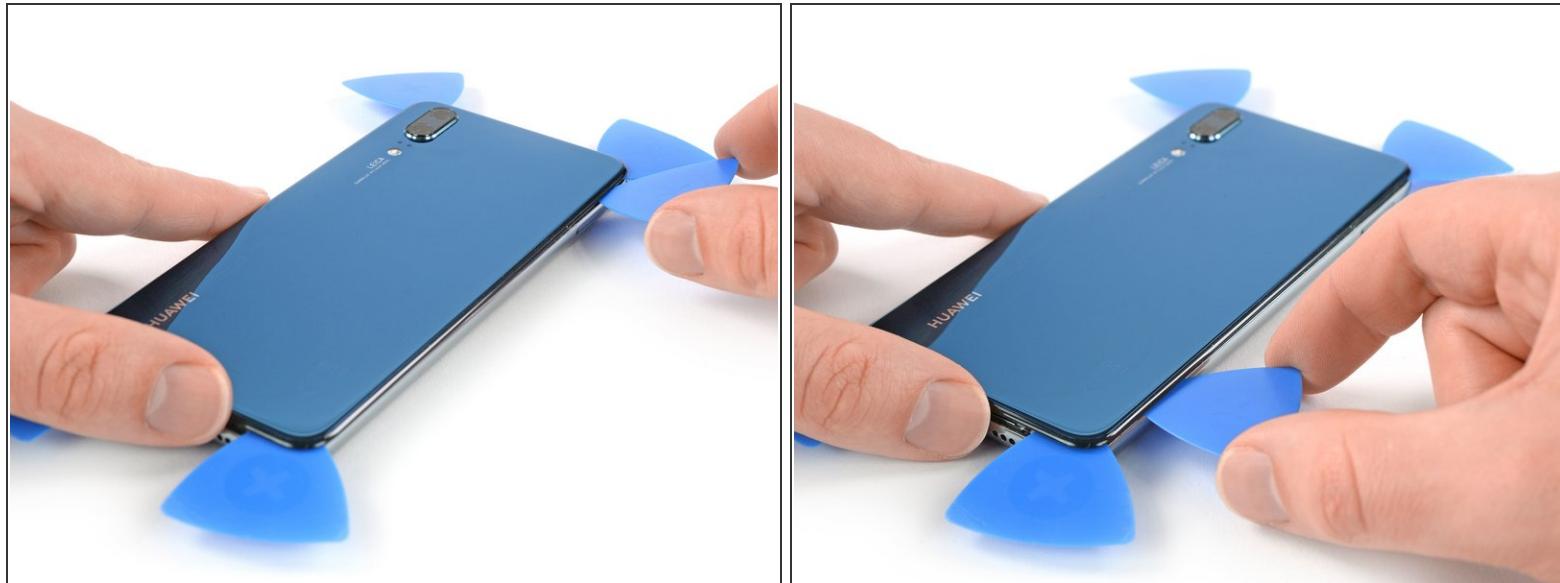
- Start to slide the tip of the opening pick from the bottom left corner along the side of the phone to cut the adhesive.
- Leave the opening pick in its place at the top left corner to prevent the adhesive from resealing.

## Step 5



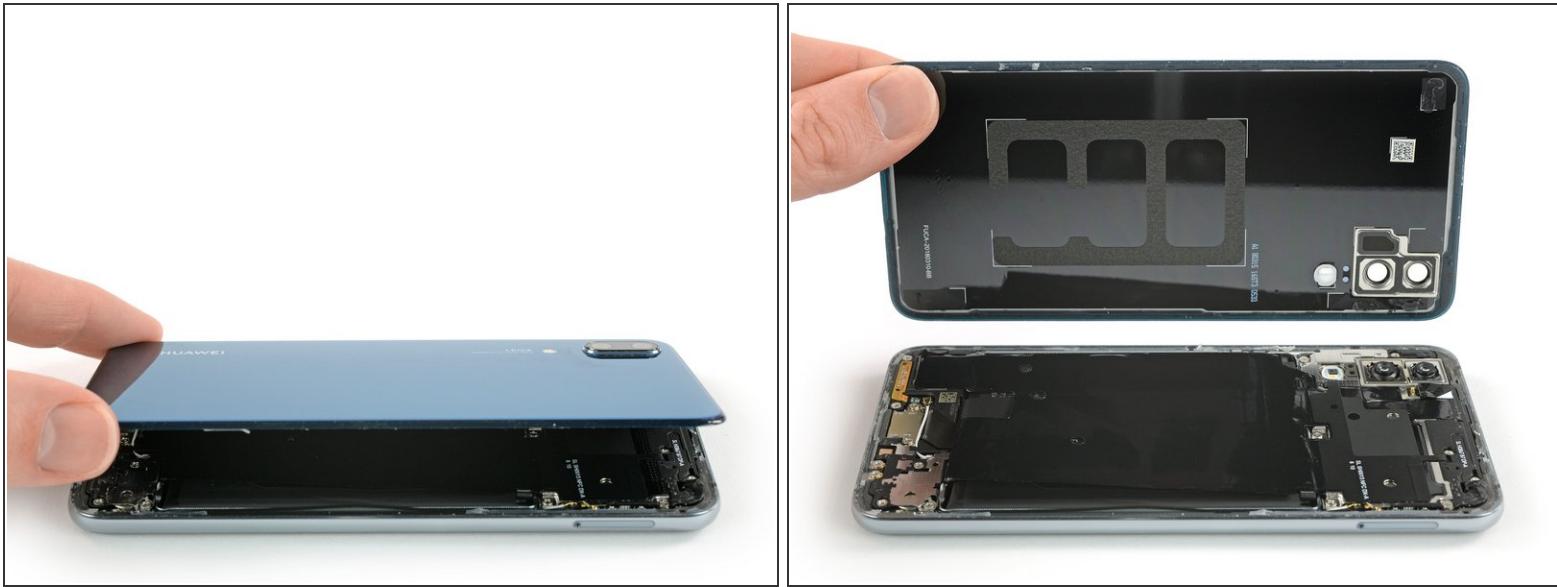
- If the adhesive becomes hard to cut it most likely cooled down. [Use your iOpener](#) to reheat it.
- Insert a fourth opening pick under the top left corner of the back cover.
- Slide the opening pick along the top edge of the phone to cut the adhesive.
- Leave the opening pick in the top right corner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

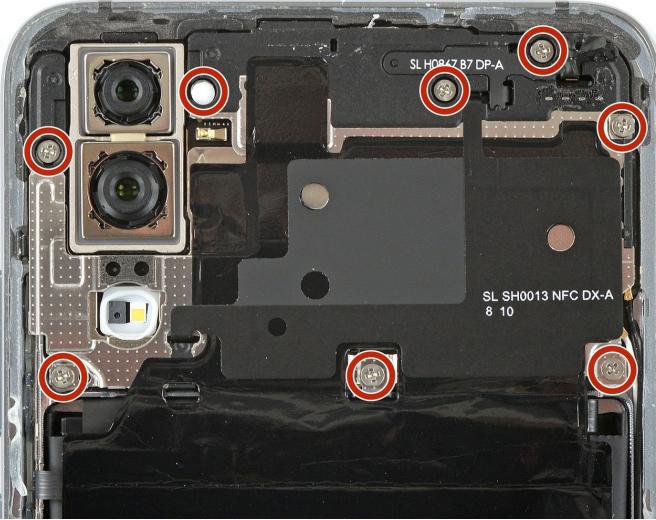
## Step 8 — Motherboard Cover with NFC



- Use a pair of tweezers to peel the black tape next to the rear camera off the motherboard cover.

## Step 9

- Remove the eight Phillips #00 screws (3.1 mm length).



## Step 10



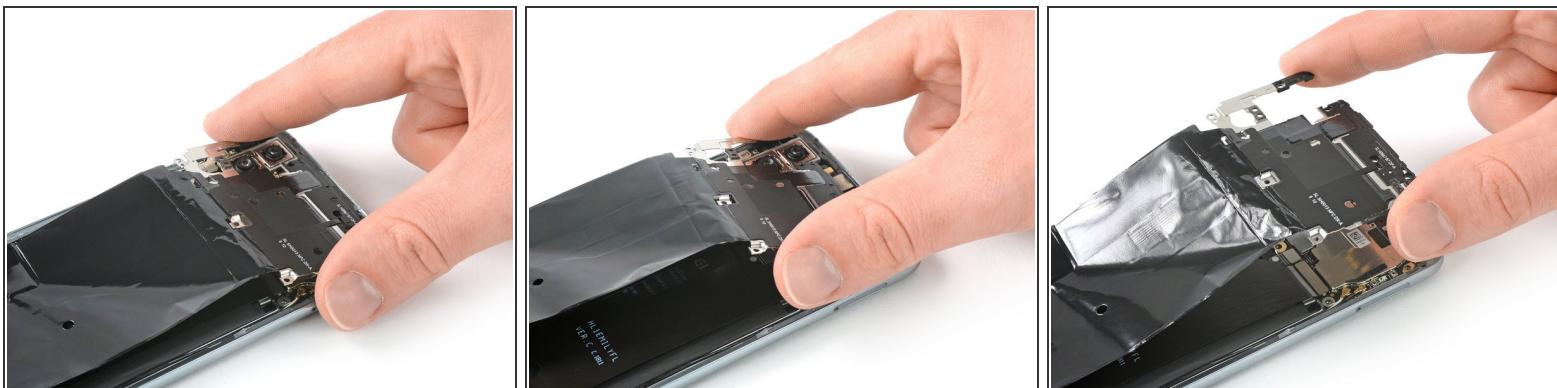
- Use a pair of tweezers to peel the black foil at the bottom end of the phone off the loudspeaker.

## Step 11



- Slide an opening pick under the right side of the motherboard cover.
- Rotate the opening pick slightly to pry up the motherboard cover.

## Step 12



- Remove the motherboard cover with NFC.

## Step 13 — Battery Disconnect



- Use a spudger to pry up and disconnect the battery connector.

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