



# Huawei Honor 9 Battery Replacement

This guide shows how to remove an old or worn-out battery in the Huawei Honor 9.

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## INTRODUCTION

Use this guide to remove an old or worn-out battery in the Huawei Honor 9.

Before disassembling your phone, **discharge the battery below 25%**. [If your battery is swollen](#), do not heat your phone. Swollen batteries can be very dangerous, so wear eye protection and exercise due caution, or take it to a professional if you're not sure how to proceed.

You'll need replacement adhesive to reattach components when reassembling the device.

For optimal performance, [calibrate](#) your newly installed battery: Charge it to 100%, and keep charging it for at least two more hours. Then, use it until it shuts off due to low battery. Finally, charge it uninterrupted to 100%.



### TOOLS:

- [Suction Handle](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [iOpener](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [iFixit Adhesive Remover \(for Battery, Screen, and Glass Adhesive\)](#) (1)
- [Plastic Cards](#) (1)



### PARTS:

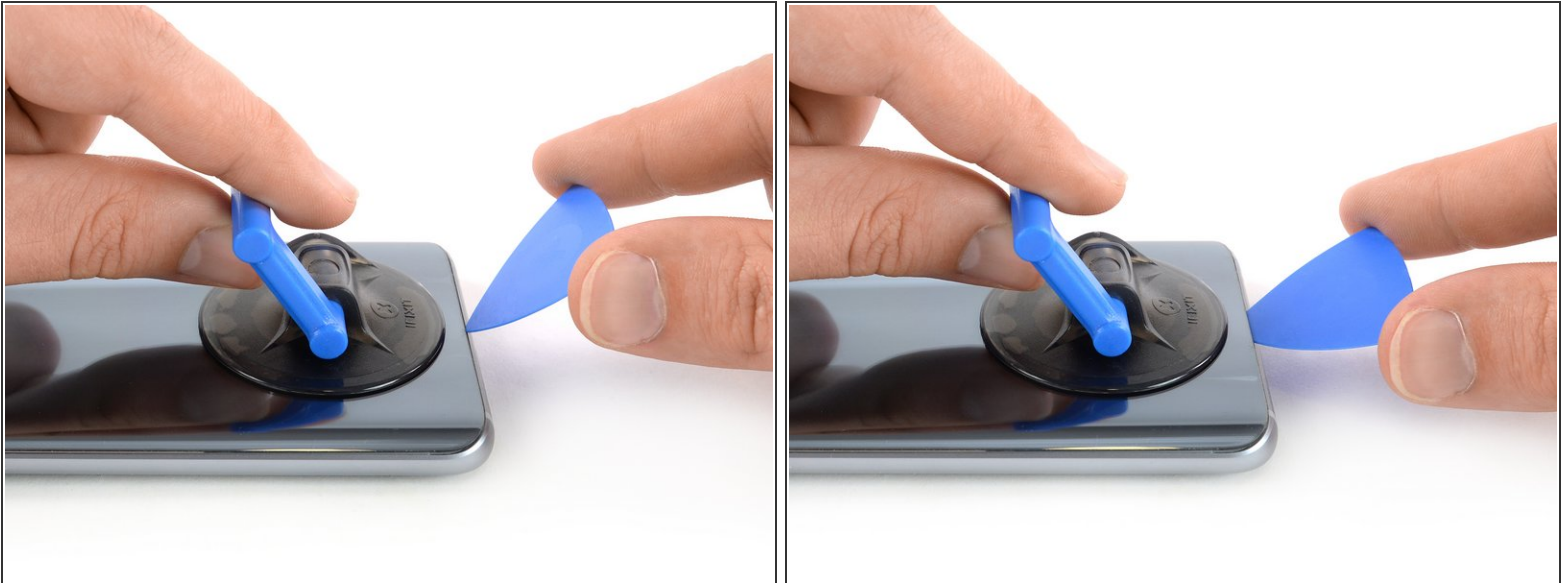
- [Huawei P10 and Honor 9 Replacement Battery](#) (1)

## Step 1 — Remove the Rear Glass



- Switch off your phone.
  - [Heat an iOpener](#) and apply it to the back of the phone for around two minutes. This will help soften the adhesive securing the rear glass.
  - You might need to reheat and reapply the iOpener several times during the rear glass removal.
- ⚠ A hair dryer, heat gun, or hot plate may also be used, but be careful not to overheat the phone—the display and internal battery are both susceptible to heat damage.

## Step 2



- Secure a suction handle to the lower edge of the rear glass, as close to the edge as possible.
  - ⓘ If the phone's rear glass is cracked, the suction cup may not stick. Try [lifting it with strong tape](#), or superglue the suction cup in place and allow it to cure so you can proceed.
- Lift the rear glass with the suction cup to create a gap between the glass 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.

### Step 3



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

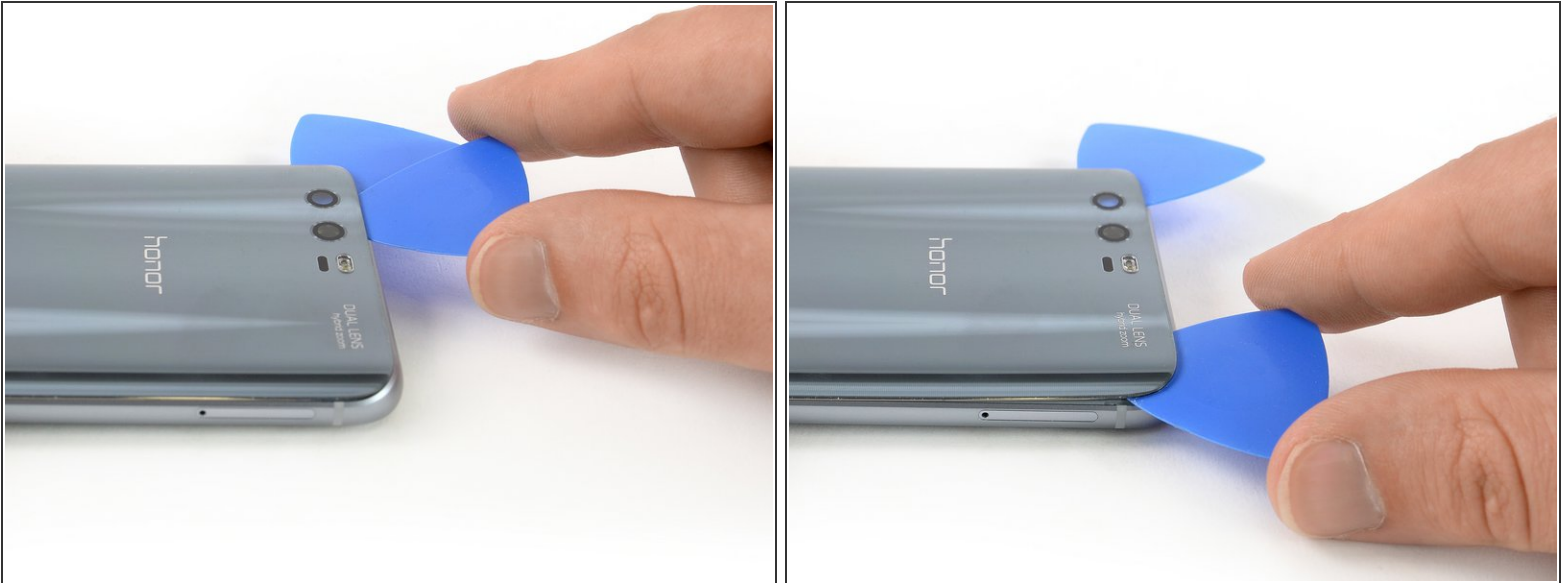
### Step 4



- Insert a third opening pick at the bottom left corner.
- Start to slide the tip of the opening pick from the bottom left corner along the side of the Huawei Honor 9 to cut the adhesive.
- Leave the opening pick in its place at the top left corner to prevent the adhesive from resealing.

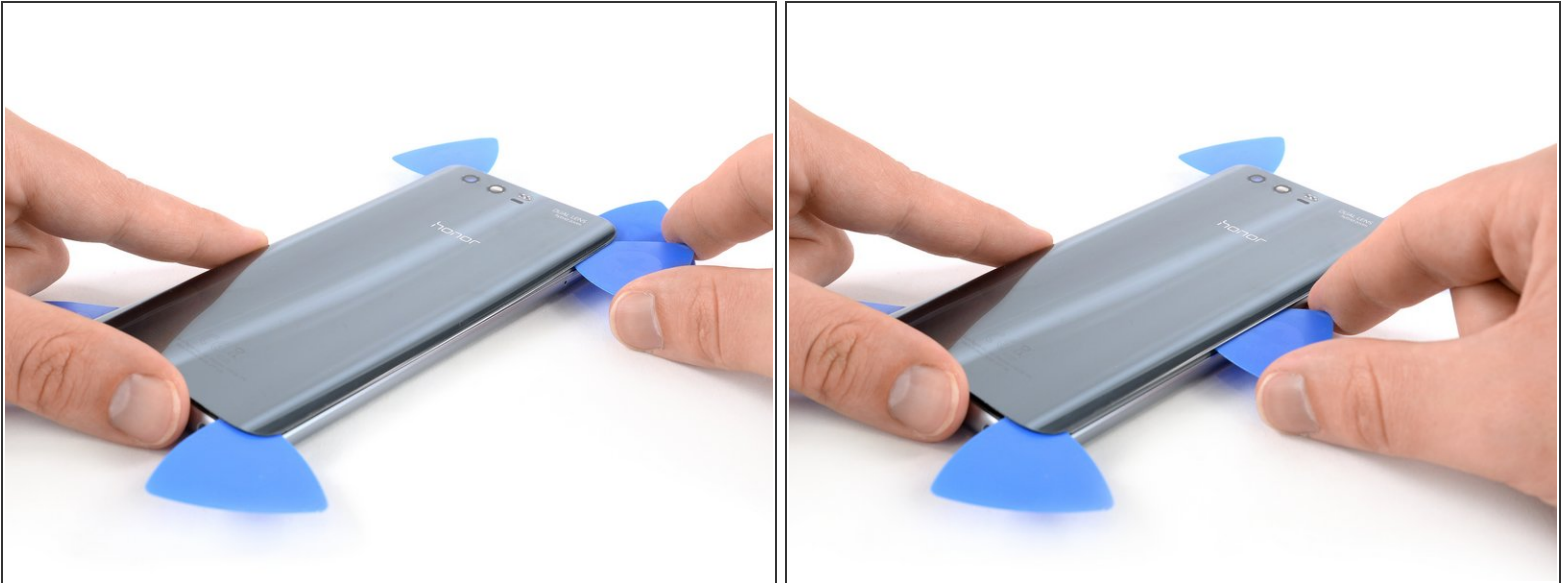


## Step 5



- ⓘ If the adhesive gets hard to cut it is likely too cold. [Use your iOpener](#) to reheat it.
- Insert a fourth opening pick under the top left corner of the rear glass.
  - 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



- Carefully lift the rear glass and remove it.
- Secure the new rear glass with pre-cut adhesive or [double-sided adhesive tape](#).
- After installing the rear glass, apply strong, steady pressure to your phone for several minutes to help the adhesive form a good bond, such as by placing it under a stack of heavy books.

## Step 8 — Remove the Motherboard Shield



- Remove the three Phillips #00 screws (3.45 mm length).
- Remove the five Phillips #00 screws (2.9 mm length).



## Step 9



- Carefully peel up the black thermal foil and remove it completely.
  - ⓘ This foil is very thin and brittle and may rip easily.
- Remove the Phillips #00 screw that is located underneath the thermal foil at the bottom center of the motherboard.

## Step 10



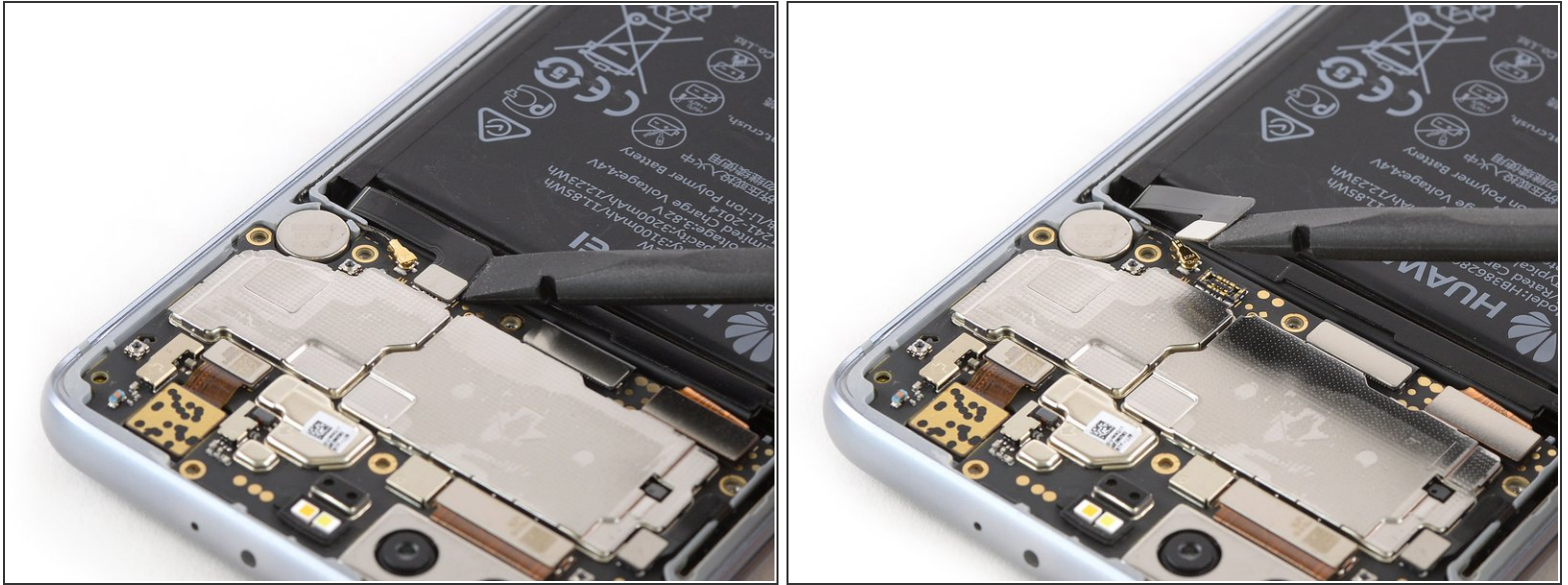
- Slide an opening pick under the right side of the motherboard shield.
- Twist the opening pick sideways to release the clips that hold the shield in place.
- Repeat the previous process and work your way around the motherboard shield until it pops out.

## Step 11



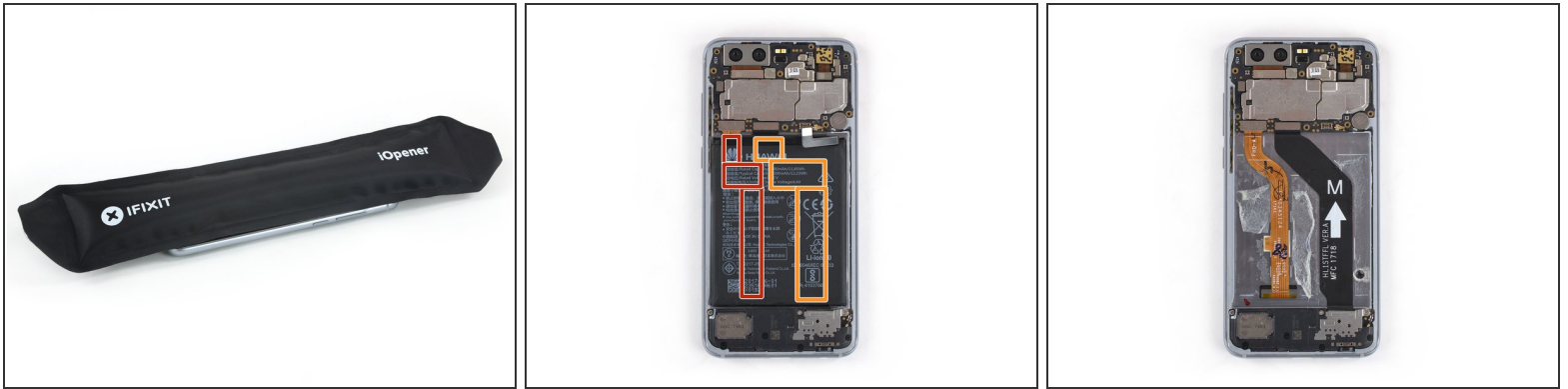
- Remove the motherboard shield.

## Step 12 — Disconnect the Battery



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

## Step 13 — Remove the Battery



- [Apply an iOpener](#) to the center of the display, to loosen the adhesive beneath the battery.
- ⓘ The adhesive beneath the battery is very strong. You might need to repeat this process during the removal procedure several times. If heat does not work you can apply isopropyl alcohol (90+%) to the corners of the battery and let it penetrate the adhesive for several minutes before continuing.
- ⚠ The flex cables under the battery are laid out as seen in the image. Try to avoid prying in the marked areas to prevent damaging the cables.
  - Display flex cable
  - Interconnect flex cable



## Step 14



**⚠** Try your best not to deform the battery during the following removal process. Soft-shell lithium-ion batteries can leak dangerous chemicals, catch fire, or even explode if damaged. Do not use excessive force or pry at the battery with metal tools.

- Insert the flat end of a spudger at the top right corner of the battery where the flex cable is located and start to pry the battery up.
- Work your way down the right side of the battery and loosen the adhesive with the spudger.

## Step 15




- Insert the flat end of a spudger at the top left corner of the battery and pry the battery up.



## Step 16




 The display and interconnect flex cables are running underneath the battery. Don't damage them while cutting the remaining adhesive.




- Insert an opening pick or plastic card between the frame and the battery.
- Cut any remaining adhesive underneath the battery.
- Pry up the battery until you can get a good grip.

## Step 17



- Remove the battery.

 Do not reuse the battery after it has been removed, as doing so is a potential safety hazard. Replace it with a new battery.

-  Remove any remaining adhesive from the phone and clean the glued areas with isopropyl alcohol and a lint-free cloth before installing the new battery.
-  If possible, turn on your phone and test your repair before installing new adhesive and resealing the phone.
-  Secure the new battery with [pre-cut adhesive](#) or [double-sided adhesive tape](#). In order to position it correctly, apply the new adhesive into the phone at the places where the old adhesive was located, not directly onto the battery. Press the new battery firmly into place.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Check out our [Answers community](#) for troubleshooting help.