



# Huawei Honor 9 Motherboard Assembly Replacement

This guide shows how to remove the motherboard assembly in the Huawei Honor 9.

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# INTRODUCTION

Use this guide to remove the motherboard assembly in the Huawei Honor 9.

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

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## TOOLS:

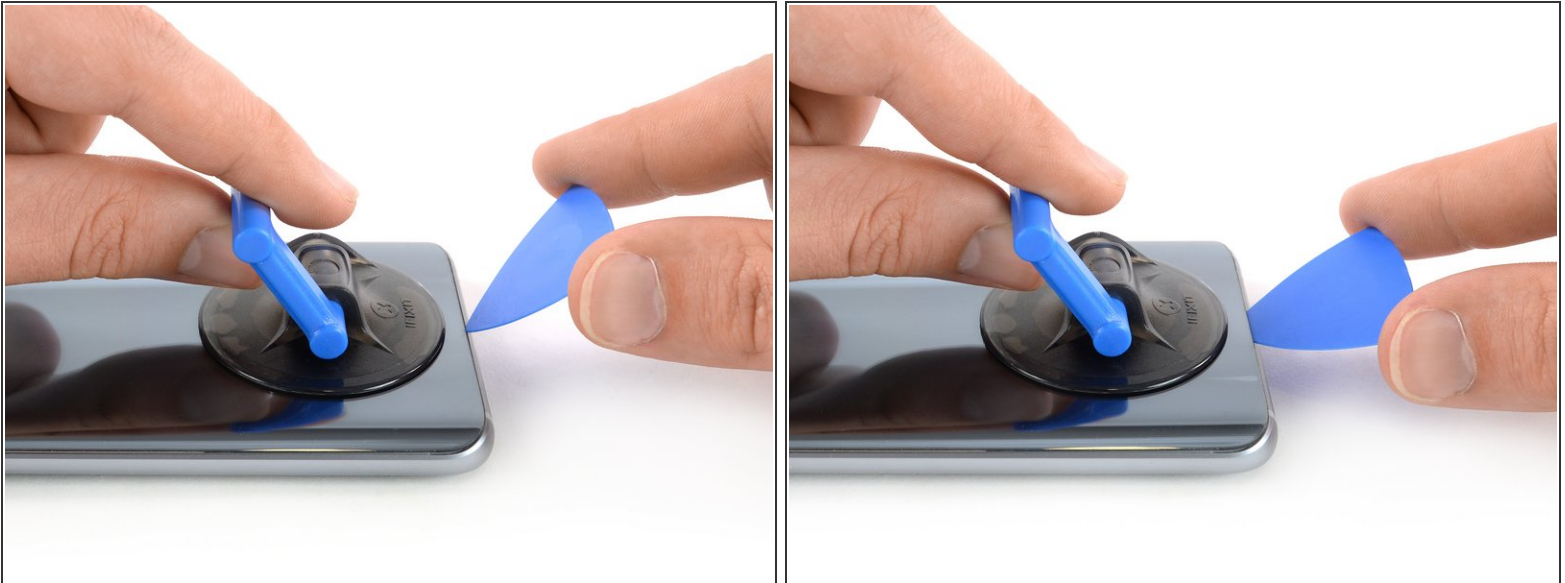
- [Suction Handle](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
  - [iOpener](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Remove the Rear Glass



- 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.

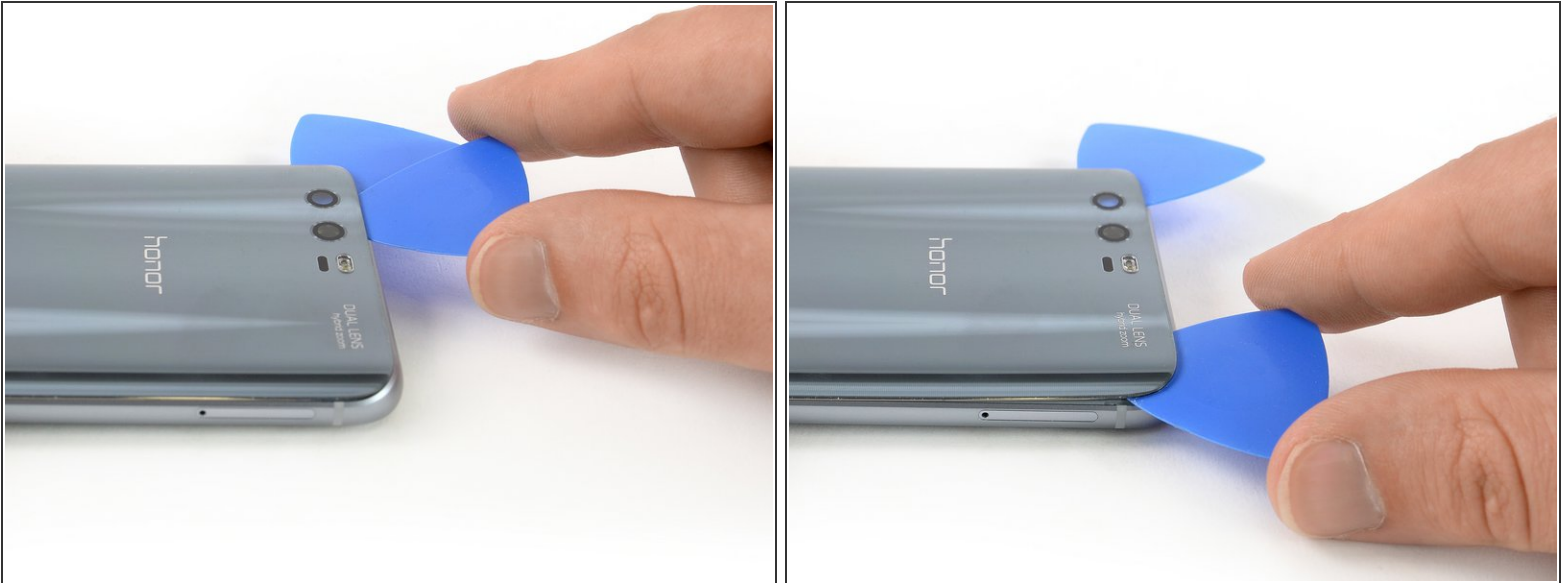
### Step 4



- 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.

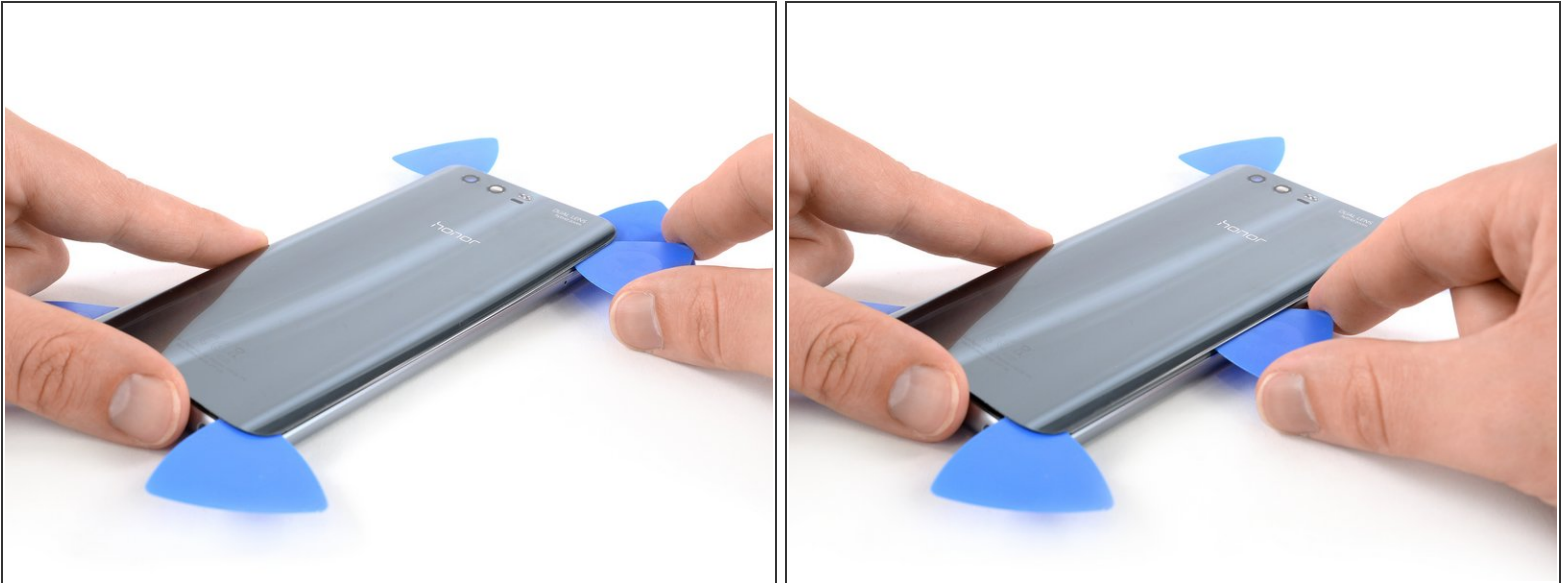


## Step 5



- ⓘ 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 Motherboard Assembly



- Remove the SIM card tray.



## Step 14



- Use a pair of tweezers to pry up and disconnect the antenna coax cable located next to the battery connector.

## Step 15



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

## Step 16



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

## Step 17



- Use a spudger to pry up and disconnect the power and volume button flex cable.



## Step 18



- Insert a spudger in the gap between the battery and the motherboard.
- Carefully pry up the motherboard until you can get a good grip.
  - Make sure the previously unplugged connectors are out of the way and avoid damaging any close components while lifting the motherboard.
- Remove the motherboard assembly.

**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.