



# Xiaomi Mi 8 Motherboard Cover with NFC Replacement

How to remove or replace the motherboard cover including the NFC antenna in the Xiaomi Mi 8.

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## INTRODUCTION

Use this guide to remove or replace the motherboard cover in the Xiaomi Mi 8 including the NFC antenna.

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

### TOOLS:

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

## Step 1 — Rear Glass



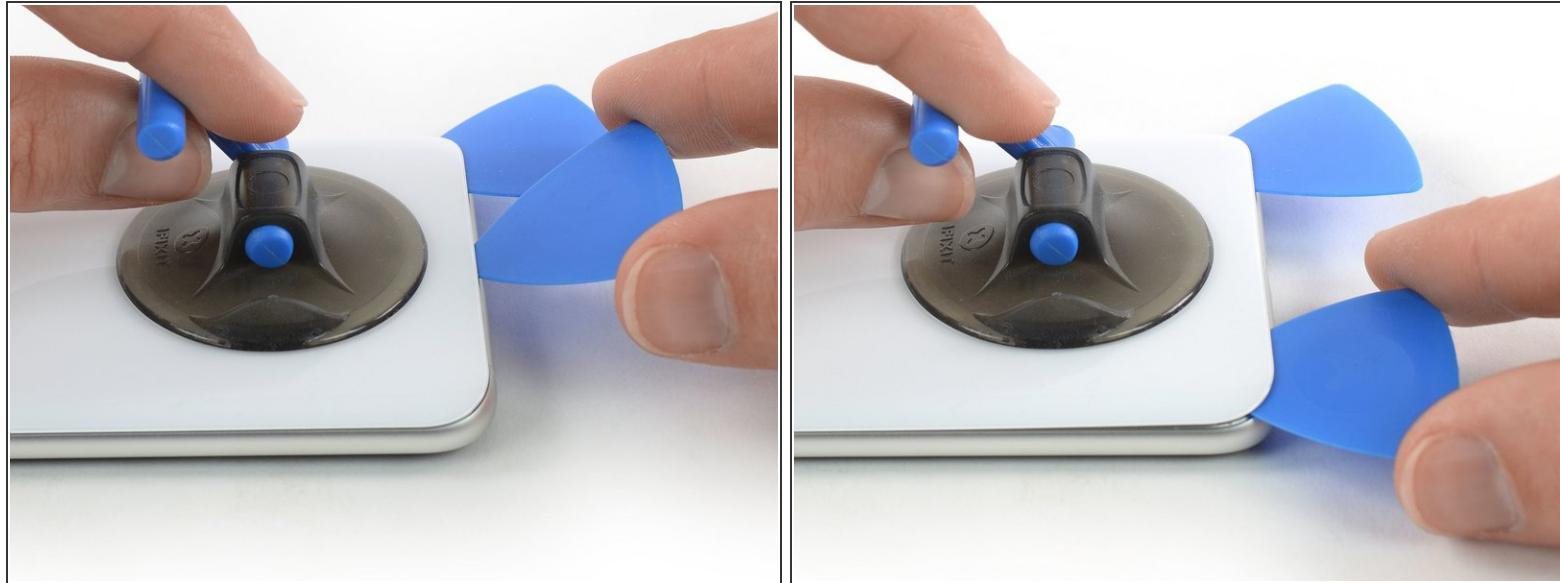
- Apply a [heated iOpener](#) to the rear glass to loosen the adhesive beneath the edges. Apply the iOpener for at least two minutes.

## 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 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 rear glass with the suction handle to create a gap between the glass and the frame.
- Insert an opening pick into the gap.
  - If the glass wont budge, apply more heat to further soften the adhesive. Follow the iOpener instructions to avoid overheating.
- Slide the opening pick to the bottom right corner of the phone.

## 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.
- Start to slide the opening pick from the bottom left corner along the side of the Xiaomi Mi 8 to cut the adhesive.

**i** Be aware of the fingerprint flex cable and only insert the tip of the opening pick. If insert to deep, you can cut the cable by accident.

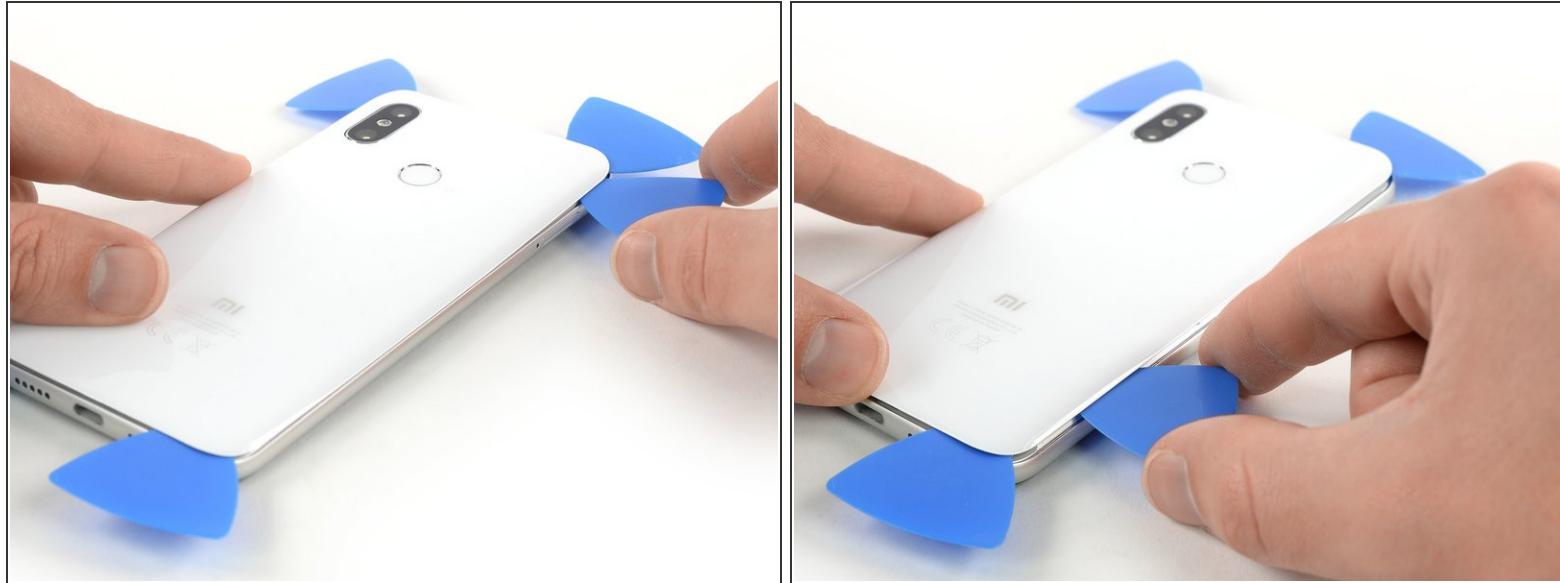
- As the adhesive cools down it gets harder to cut. If necessary [use your iOpener](#) to reheat it.
- Leave the opening pick in the top left corner to prevent the adhesive from resealing.

## Step 5



- Insert a fourth opening pick under the top left corner of the rear glass.
- Slide the opening pick along the top 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 edge to cut the remaining adhesive.

**⚠** Don't try to remove the rear glass all the way yet. The fingerprint flex cable is still connected to the motherboard.

## Step 7



- Carefully lift the rear glass and fold it to the left side to access the fingerprint flex connector.

## Step 8

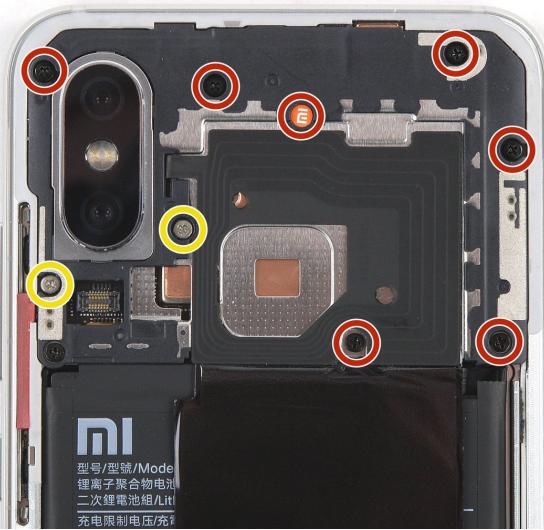


- Use a spudger to pry up and disconnect the fingerprint flex cable.
- Remove the rear glass.

★ Before installing new adhesive for reassembly, remove any remaining adhesive from the phone, and clean the glued areas with isopropyl alcohol and a lint-free cloth.

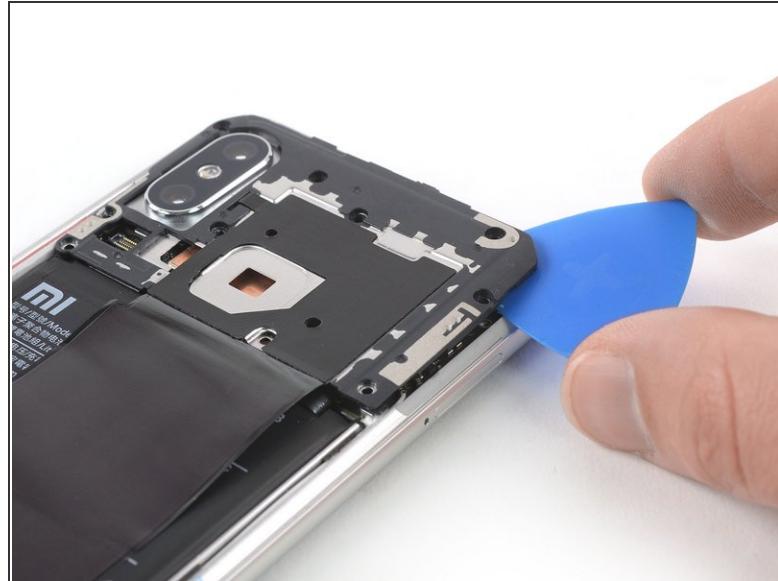
★ After installing the rear glass, apply pressure for several minutes to help the adhesive form a good bond. A stack of heavy books on top of the phone works well.

## Step 9 — Motherboard Cover with NFC



- Remove the nine screws that secure the motherboard cover.
  - Seven Phillips #00 screws (3.4 mm length)
  - Two Phillips #00 screws (3.5 mm length)

## Step 10



- Slide an opening pick under the right side of the motherboard cover.
- Twist the opening pick sideways to pry up and slightly lift the motherboard cover.

## Step 11



- Carefully remove the motherboard cover including the NFC antenna.

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.