Xiaomi Redmi Note 7 Rear Glass Replacement

How to remove the rear glass on your Redmi Note 7.

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INTRODUCTION

Use this guide to remove the rear glass on your Redmi Note 7.

Depending on your replacement part you need to transfer your fingerprint sensor from your old rear glass to the new one. Double check your replacement part before starting this guide.

You'll need replacement adhesive for the rear glass and the fingerprint sensor to reattach them when reassembling the device.

TOOLS:

- iOpener (1)
- Suction Handle (1)
- iFixit Opening Picks (Set of 6) (1)
- Tweezers (1)
- Spudger (1)
- Phillips #00 Screwdriver (1)

PARTS:

- Precut Adhesive Card (1)
- iFixit Adhesive Remover (for Battery, Screen, and Glass Adhesive) (1)

Step 1 — Loosen the rear glass adhesive

- Apply a heated iOpener to the rear glass to loosen the adhesive underneath. Apply the iOpener for at least two minutes.

Step 2 — Insert an opening pick



- Secure a suction handle to the bottom edge of the rear glass, as close to the edge as possible.
  - If your rear glass is badly cracked, covering it with a layer of clear packing tape may allow the suction cup to adhere. Alternatively, very strong tape may be used instead of the suction cup. If all else fails, you can superglue the suction cup to the rear glass.
- Lift the rear glass with the suction handle to create a small gap between the glass and the frame.
  - In case you have trouble creating a gap, apply more heat to further soften the adhesive. Follow the iOpener instructions to avoid overheating.
- Insert an opening pick into the gap.
- Slide the opening pick to the bottom right corner to slice the adhesive.

Step 3 — Slice the bottom edge adhesive


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

Step 4 — Slice the lefthand-side adhesive



If the adhesive becomes hard to cut, it has most likely cooled down. Use your iOpener to reheat it.

- Insert a third opening pick at the bottom left corner.
- Slide the opening pick along the left edge of the phone to slice the rear glass adhesive.
- Leave the opening pick in its place at the top left corner to prevent the adhesive from resealing.

Step 5 — Slice the top edge adhesive

- 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 slice the rear glass adhesive.
- Leave the opening pick in the top right corner to prevent the adhesive from resealing.

Step 6 — Slice the righthand-side adhesive


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

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

Step 7 — Open up the phone assembly



- Carefully fold the rear glass to the left side of the phone assembly like you'd open the front cover of a book.

⚠ Avoid tensioning the fingerprint flex cable during this process.

Step 8 — Unfasten the screws

- Use a Phillips screw driver to remove the three 3.3 mm-long screws securing the connector cover to the midframe.

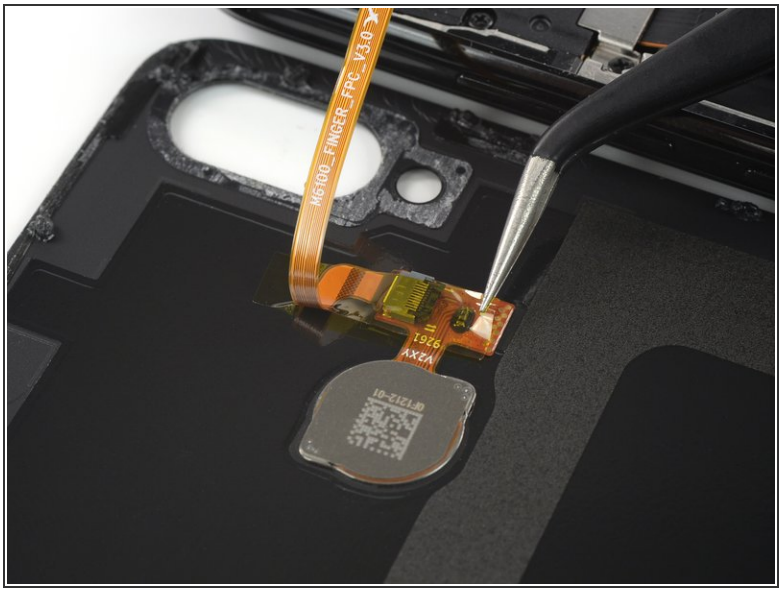
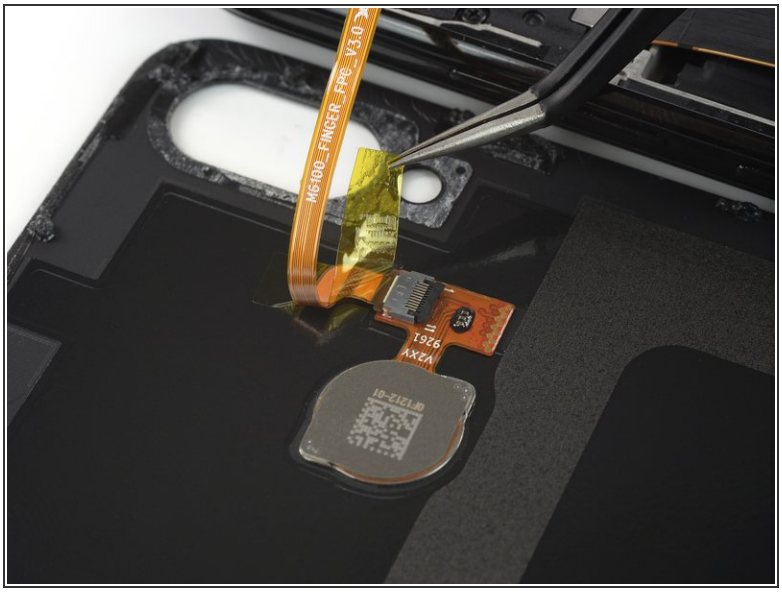
Step 9 — Remove the connector cover

- Use a pair of tweezers to remove the connector cover.

Step 10 — Disconnect the battery


- Use the flat end of a spudger to pry up and disconnect the battery flex cable from the motherboard.

Step 11 — Peel the protective foil off

For easier handling during repairs we highly recommend to separate the back cover including the fingerprint sensor from the phone assembly.

- Use a pair of tweezers to carefully peel the yellow protective foil off the ZIF connector.

Step 12 — Open the ZIF connector

- Use the pointed end of a spudger to open the ZIF connector by bringing its black flap in an upright position.

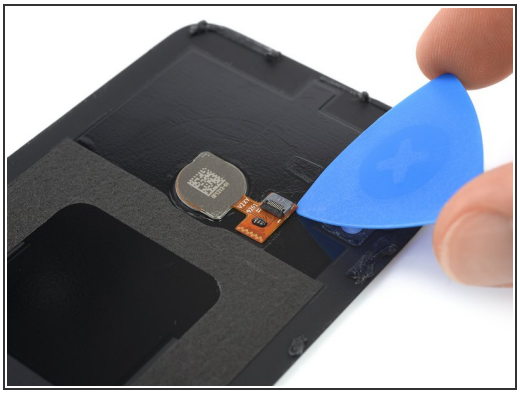
Step 13 — Disconnect the fingerprint flex cable

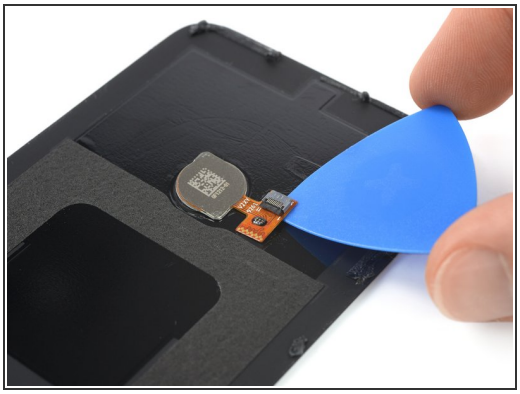
- Disconnect the fingerprint flex cable by pulling it straight out off the ZIF connector using a pair of tweezers.

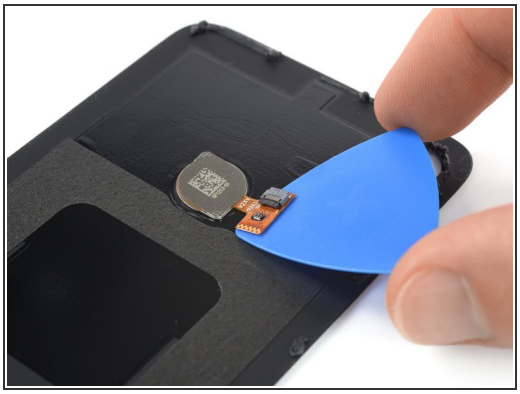
Step 14 — Soften the fingerprint adhesive

- Heat an iOpener and apply it to the rear glass where the finger print sensor is located to soften the adhesive. Apply the iOpener for at least two minutes.

Step 15 — Cut the adhesive

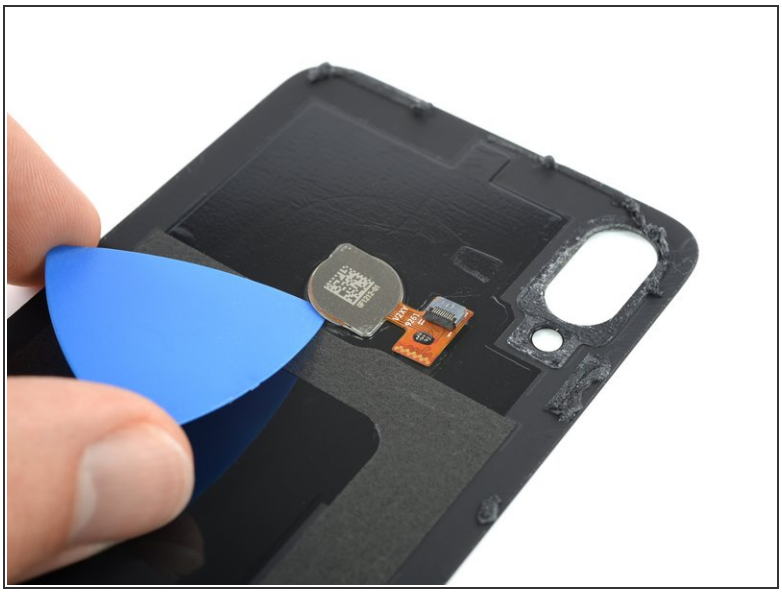
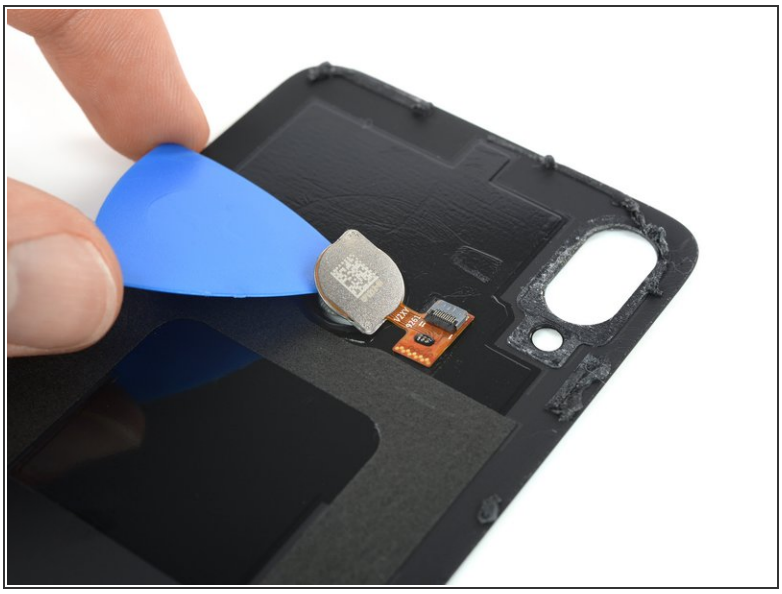






- Carefully slide an opening pick underneath the orange flex cable with the ZIF connector to separate it from the rear glass.

Step 16 — Pry up the fingerprint sensor

- Slide the tip of an opening pick underneath the edge of the fingerprint sensor.
- Use the opening pick to pry up the fingerprint sensor.

Step 17 — Remove the fingerprint sensor



- Remove the fingerprint sensor.

To reassemble your device, follow these instructions in reverse order. Apply new adhesive where necessary after cleaning the relevant areas with isopropyl alcohol (>90%).

Secure the rear glass with pre-cut adhesive or double-sided adhesive tape during reassembly.

Removal didn’t go as planned? Try some basic troubleshooting, or ask our Answers community for help.

