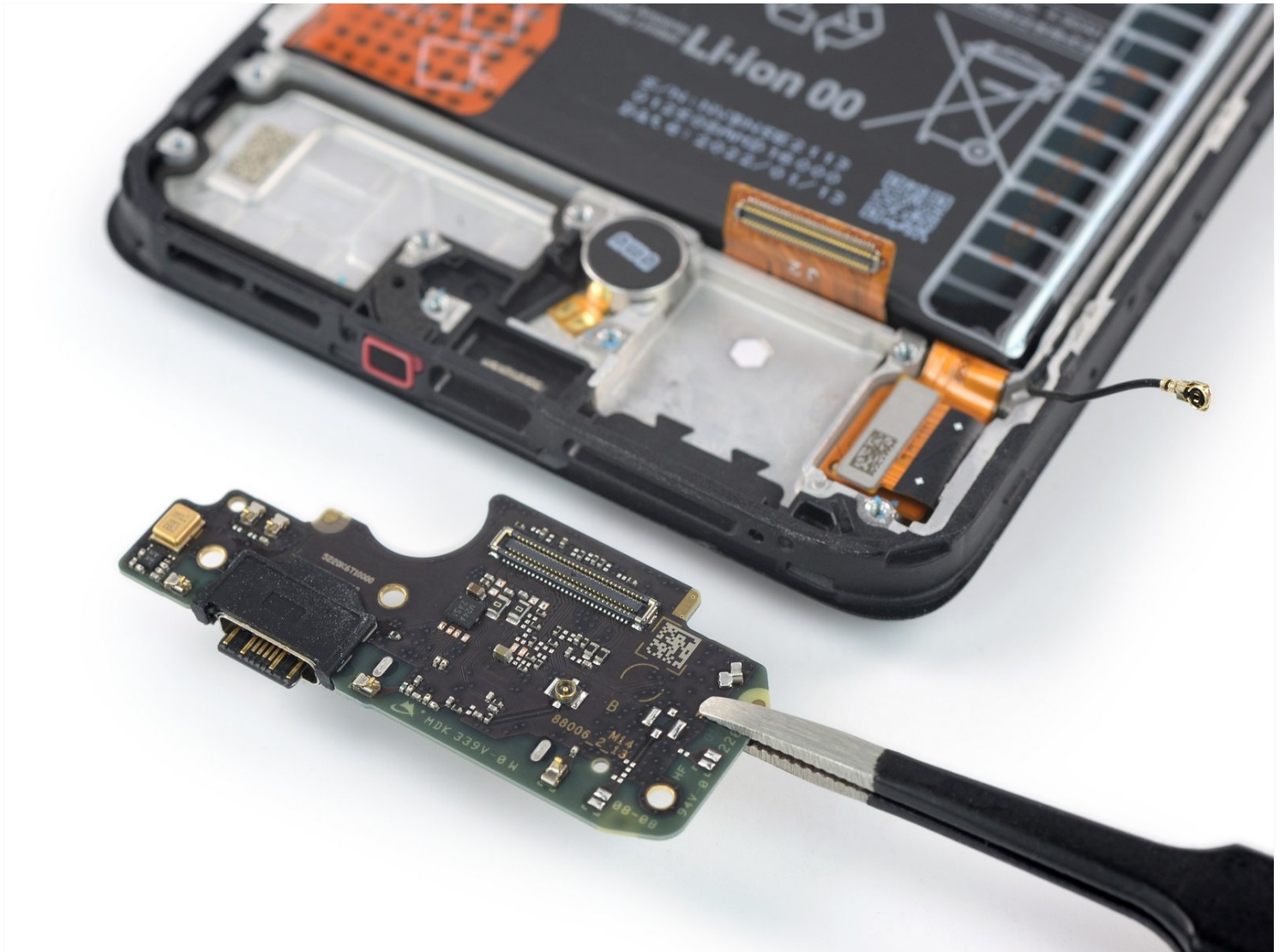




Xiaomi Redmi Note 11 Pro Charging Board Replacement

Use this guide to replace the Charging Board on...

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INTRODUCTION

Use this guide to replace the Charging Board on your Xiaomi Redmi Note 11 Pro.

You'll need replacement adhesive to reattach the rear glass when reassembling the device. Your device will function normally, but will most likely lose its IP (Ingress Protection) rating.

TOOLS:

[iOpener](#) (1)
[Suction Handle](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)
[Heat Gun](#) (1)
[iFixit Adhesive Remover](#) (1)
[Microfiber Cleaning Cloths](#) (1)
[Isopropyl Alcohol \(90% or Greater\)](#) (1)
[SIM Card Eject Tool](#) (1)
[Phillips #00 Screwdriver](#) (1)
[Spudger](#) (1)
[ESD Safe Blunt Nose Tweezers](#) (1)
[Tweezers](#) (1)

PARTS:

[Tesa 61395 Tape](#) (1)

Step 1 — Heat the rear glass



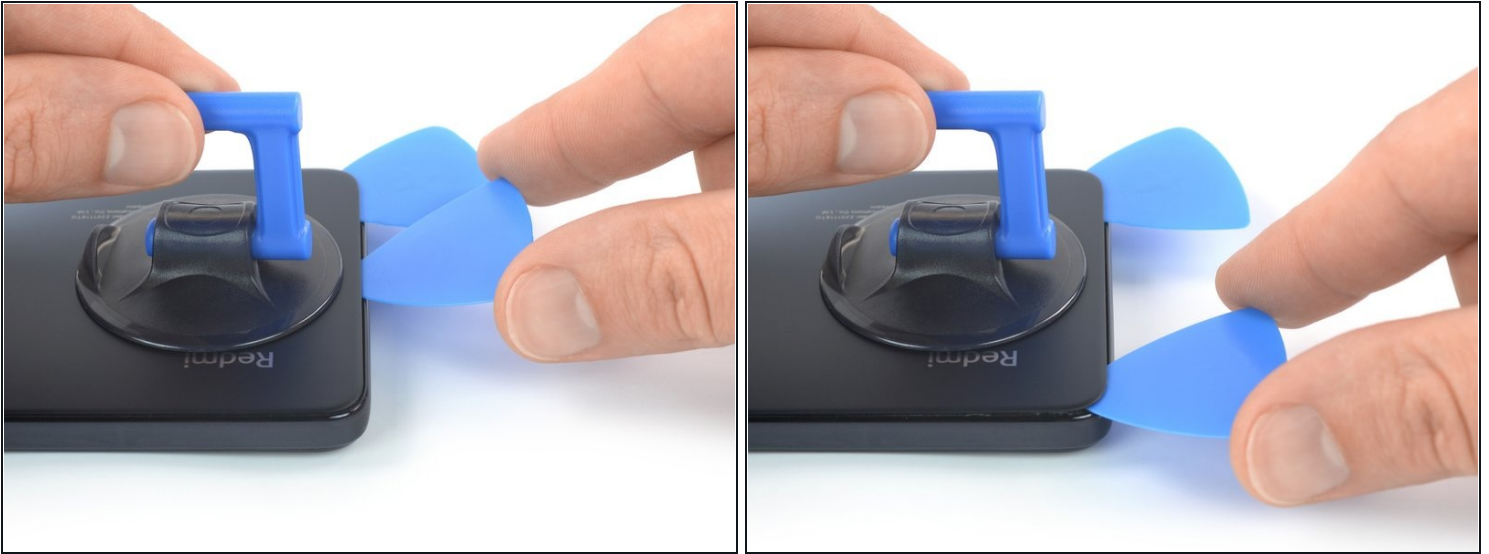
- [Prepare an iOpener](#) and apply it to the rear glass for at least two minutes to loosen the adhesive underneath.
- ⓘ A hair dryer, [heat gun](#), or hot plate may also be used, but be careful not to overheat the phone—the display and internal battery are both susceptible to heat damage.

Step 2 — Insert an opening pick



- Secure a suction handle to the bottom edge of the rear glass, as close to the edge as possible.
 - ⓘ If the 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 small gap between the back cover and the frame.
 - ⓘ If you're having 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 you created.
- Slide the opening pick to the bottom right corner to slice the adhesive.
- Leave the opening pick in place to prevent the adhesive from resealing.

Step 3 — Slice the bottom edge adhesive



- Insert a second opening pick at the bottom edge of your phone.
- Slide the opening pick to the bottom left corner to slice the adhesive.
- Leave the opening picks in place to prevent the adhesive from resealing.

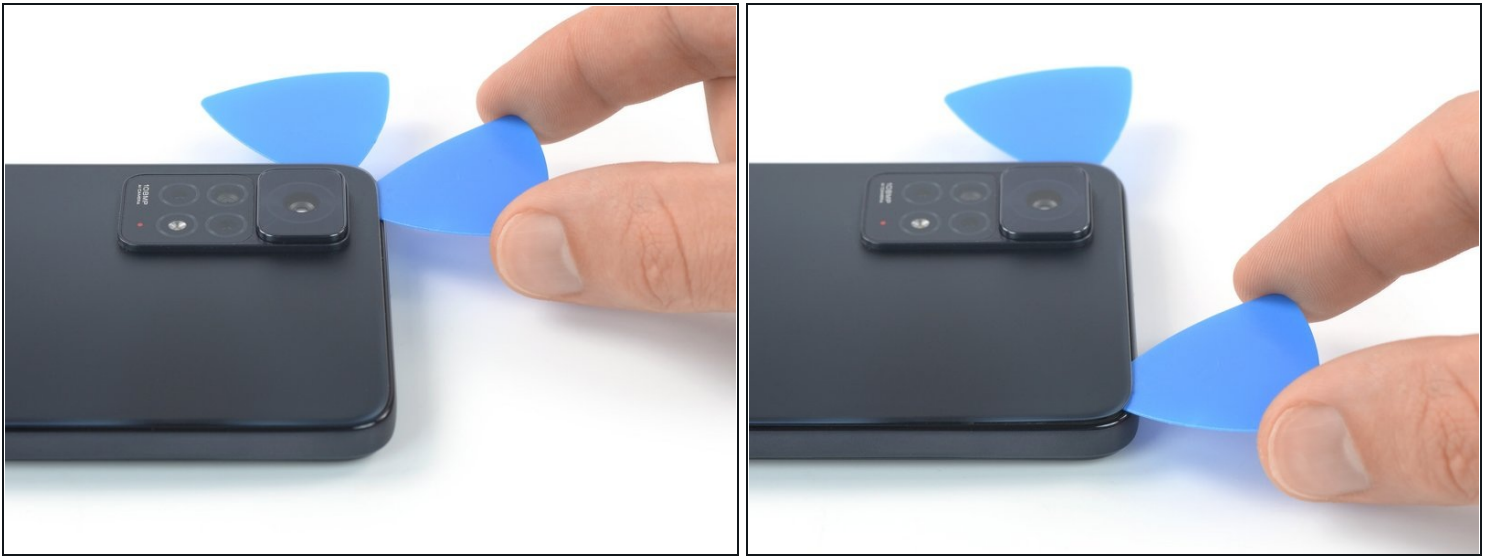
Step 4 — Slice the left edge adhesive



❗ If the adhesive becomes hard to cut, it has most likely cooled down. [Use your iOpener](#) for one to two minutes to reheat it.

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

Step 5



- Insert a fourth opening pick underneath the top left corner of your phone.
- Slide the opening pick along the top edge to slice the adhesive.
- Leave the opening pick in the top right corner to prevent the adhesive from resealing.

Step 6



- Insert a fifth opening pick underneath the top right corner.
 - Slide the opening pick along the right edge of the rear glass to slice the remaining adhesive.
- ⓘ At this point, the rear glass should be separated from the frame. If there's still resistance around the edges of the glass, use an opening pick to separate any remaining adhesive.

Step 7 — Remove the rear glass



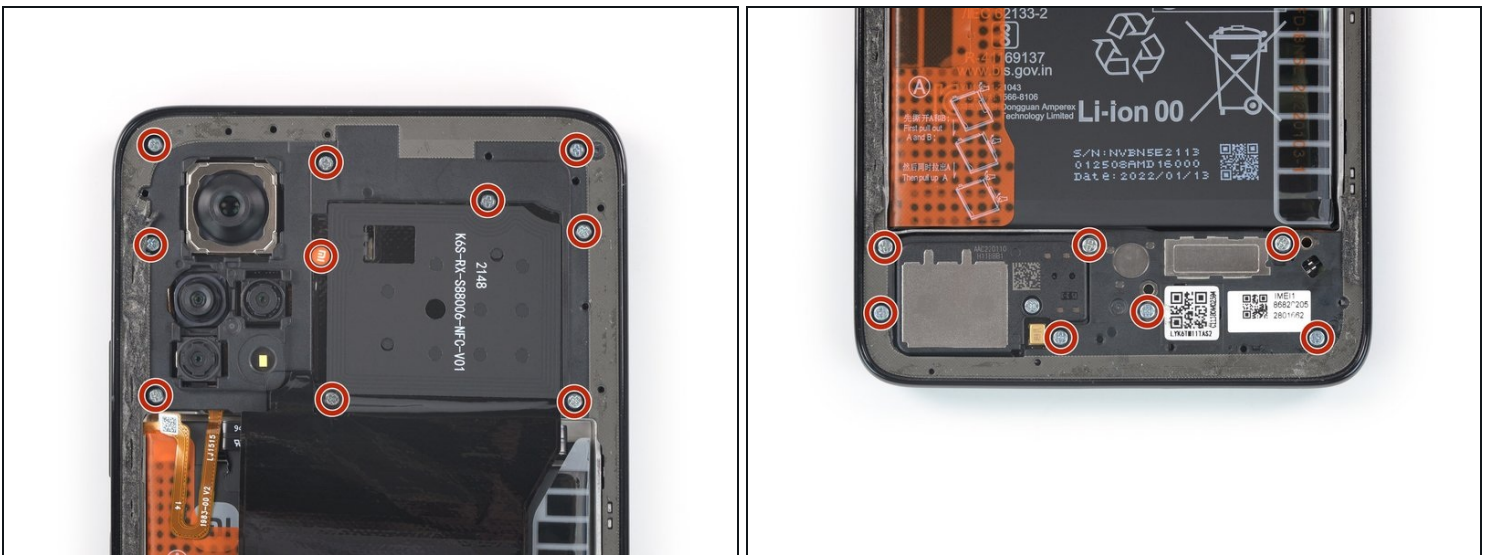
- Remove the rear glass.
- ☑ Apply new adhesive where necessary after cleaning the relevant areas with isopropyl alcohol (>90%).
- ☑ [Secure the new back cover with pre-cut adhesive](#) or double-sided adhesive tape. After installing the back cover, apply strong, steady pressure to your phone for several minutes to help the adhesive form a good bond—a stack of heavy books works well.

Step 8 — Eject the SIM card tray



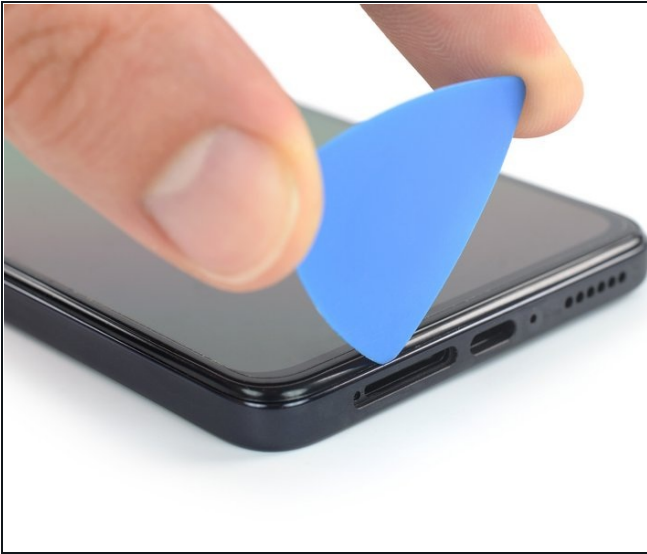
- Insert a SIM card eject tool, a SIM eject bit, or a straightened paper clip into the hole on the SIM tray located at the bottom edge of the phone.
 - Press directly into the hole to eject the SIM card tray.
 - Remove the SIM card tray.
- ⓘ If you accidentally inserted the SIM eject tool into a microphone hole, don't worry! [You most likely didn't damage the microphone.](#)

Step 9 — Unfasten the midframe screws



- Use a Phillips screwdriver to remove the seventeen 3.6 mm-long screws securing the midframe.

Step 10 — Insert an opening pick



① The midframe of the Xiaomi Redmi Note 11 Pro is held in place by plastic clips.

- Insert an opening pick between the midframe and front panel assembly on the bottom left edge of the phone where the SIM tray slot is located.

Step 11 — Release the plastic clips



① The plastic clips of the midframe are sitting in place tightly. Releasing them might require some force.

- Slide the opening pick around the bottom left corner of the phone to release the plastic clips.

Step 12



- Slide the opening pick along the left edge of the phone to release the plastic clips.

Step 13



- Slide the opening pick around the top left corner and along the top edge of the phone to release the plastic clips.

Step 14



- Slide the opening pick around the top right corner and along the right edge of the phone to release the remaining plastic clips.

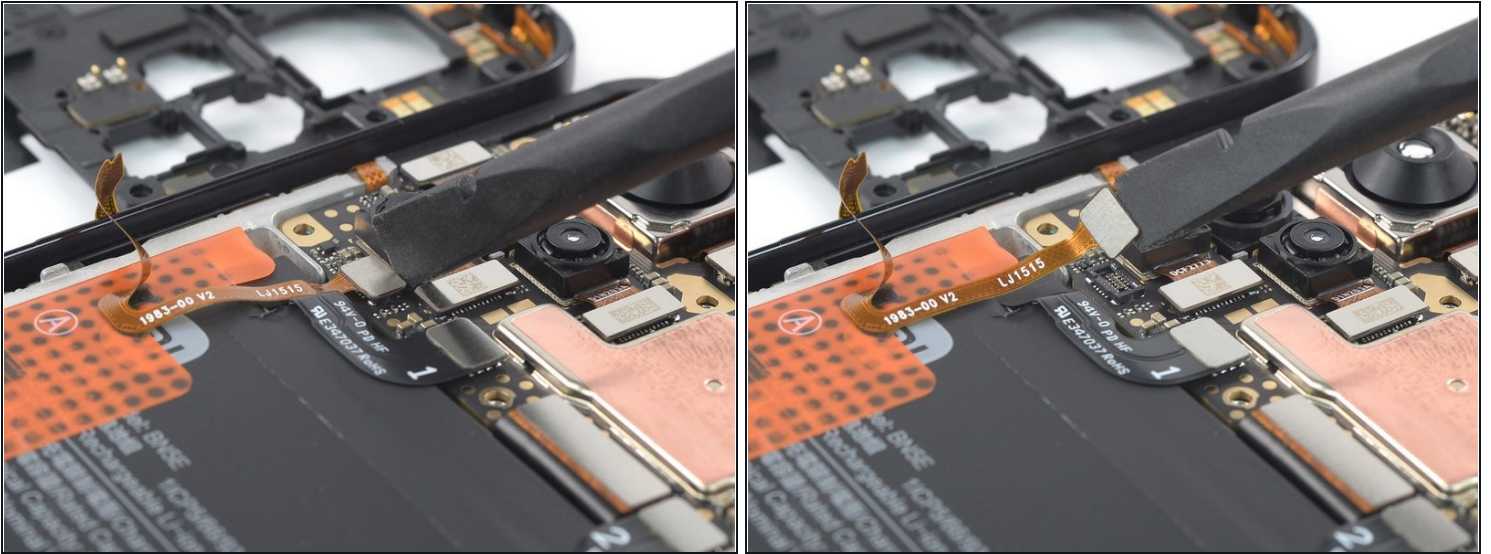
⚠ Do not try to remove the midframe all the way yet. The midframe cable is still connected to the motherboard.

Step 15 — Free the midframe cable connector



- Carefully swing open the midframe to the left like you would open the front cover of a book to get free access to its cable connector.
- Place the midframe next to the left edge of the front panel assembly.

Step 16 — Disconnect the midframe cable



- Use a spudger to disconnect the midframe cable by prying the connector straight up from its socket.

Step 17 — Remove the midframe



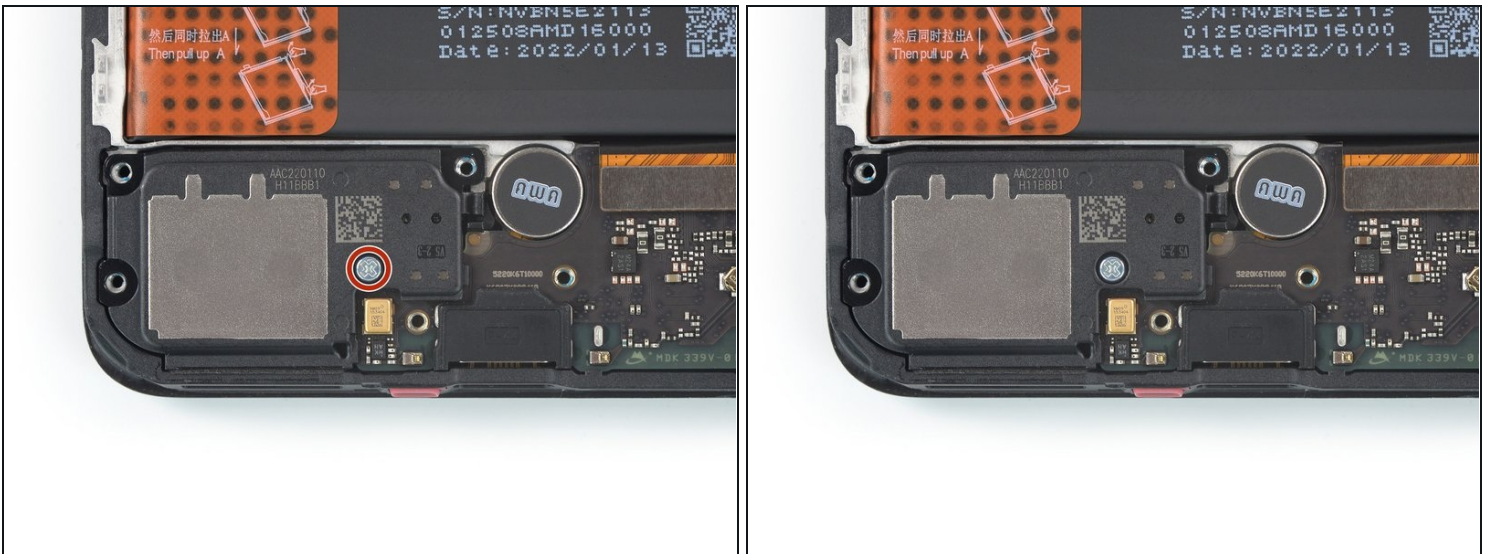
- Remove the midframe.

Step 18 — Disconnect the battery cables



- Use a spudger to disconnect the left and right battery cable by prying the connectors straight up from their socket.

Step 19 — Unfasten the loudspeaker screw



- Use a Phillips screwdriver to remove the 3.6 mm-long screw securing the loudspeaker.

Step 20 — Pry up the loudspeaker



❶ The loudspeaker of the Xiaomi Redmi Note 11 Pro is held in place by plastic clips.

- Insert an spudger underneath the right edge of the loudspeaker.
- Use your spudger to pry up the loudspeaker.

Step 21 — Remove the loudspeaker



- Use your fingers or a pair of [tweezers](#) to remove the loudspeaker.

Step 22 — Disconnect the black antenna cable



- Slide a pair of [tweezers](#) under the black coaxial cable until they're snug against the metal connector.
- Disconnect the black coaxial cable by prying it straight up from the charging board.
- Use your tweezers to carefully loosen the cable from its routing on the charging board and bend it to the side.

Step 23 — Disconnect the interconnect cable



- Use a spudger to disconnect the interconnect cable by prying the connector straight up from its socket.

Step 24 — Pry up the charging board



- Insert the pointed end of a spudger underneath the left edge of the charging board.
- Use your spudger to pry up the charging board.

Step 25 — Remove the charging board



- Use a pair of tweezers or your fingers to carefully remove the charging board.

If possible, turn on your device and test your repair before installing new adhesive and resealing.

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? Try some [basic troubleshooting](#), or ask our [Answers community](#) for help.