



Nokia Phone Screen Assembly Replacement

Use this guide to replace a damaged or broken...

Written By: Manuel Haeussermann



INTRODUCTION

Use this guide to replace a damaged or broken screen assembly in your **Nokia phone**.

This guide is written for the genuine Nokia screen assembly. The assembly consists of the screen and midframe together in one part. It's possible to replace only the screen, but that requires a different procedure. Be sure you have the right part before you begin the repair.

To replace the screen assembly you need to transfer all other components from your phone to your new part, including the battery, motherboard, charging port assembly, the loudspeaker and the vibration motor.

For your safety, discharge the battery below 25% before disassembling your phone. This reduces the risk of fire if the battery is accidentally damaged during the repair. If your battery is swollen, [take appropriate precautions](#).

TOOLS:

- [SIM Card Eject Tool](#) (1)
- [iFixit Opening Picks \(Set of 6\)](#) (1)
- [Tweezers](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [ESD Safe Tweezers Blunt Nose](#) (1)

Optional

- [Tesa 61395 Double-Sided Tape](#) (1)

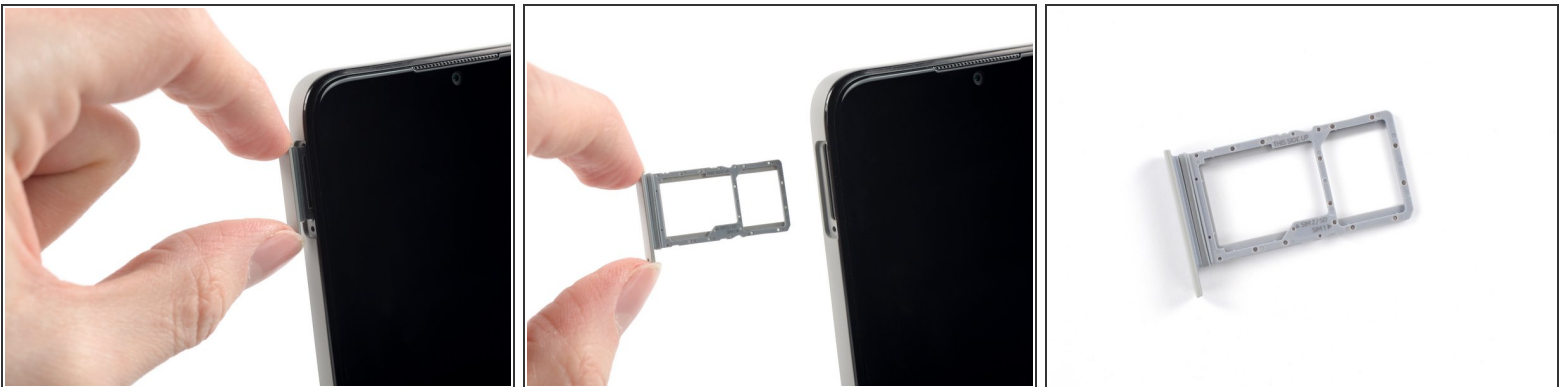
Optional

Step 1 — Eject the SIM card tray



- Insert a SIM card eject tool into the small hole in the SIM card tray, located on the upper left edge of the phone.
- Press firmly to eject the tray.

Step 2 — Remove the SIM card tray



- Remove the SIM card tray from the phone.
- ☞ When inserting a SIM card, make sure it's in the proper orientation inside the tray.
- ☞ A thin rubber gasket around the SIM tray provides water and dust protection. If this gasket is damaged or missing, replace the gasket or the entire SIM tray to protect your phone's internal components.

Step 3 — Insert an opening pick



- ⓘ The back cover of the **Nokia Phone** is held in place by plastic clips.
- Insert an opening pick under the small notch in the SIM card tray slot.

Step 4 — Release the plastic clips



- Position the opening pick in a steep angle downward between the back cover and the screen assembly.
- Slide the opening pick along the left edge of your phone to release the plastic clips.

Step 5



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

Step 6



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

Step 7



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

⚠ Don't separate the back cover all the way yet! The fingerprint reader is still connected to the back cover.

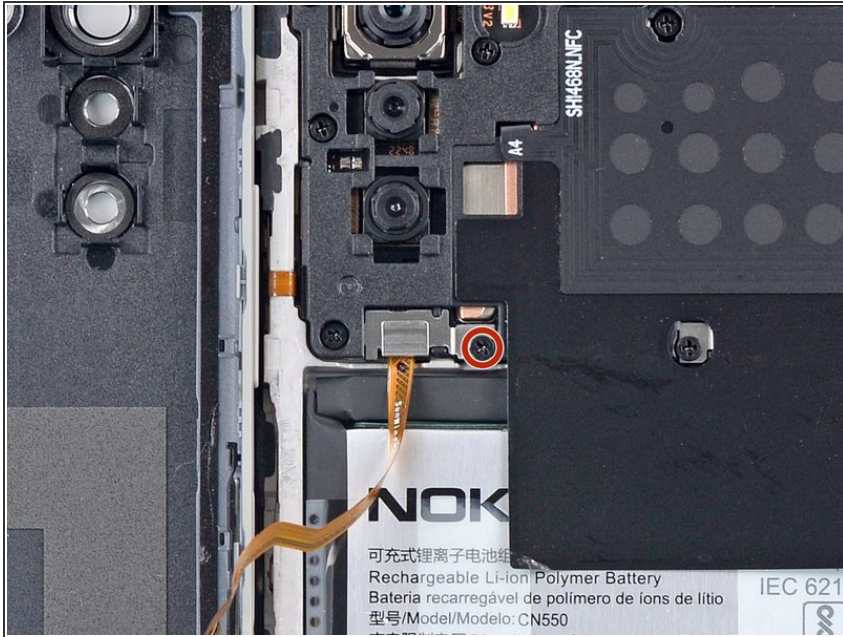
Step 8 — Open the back cover



- Carefully fold the back cover to the left edge of your phone like opening the cover of a book.

⚠ Take care not to strain or tear the fingerprint reader cable during this procedure.

Step 9 — Unfasten the fingerprint reader bracket



- Use a Phillips screwdriver to remove the 3.8 mm-long screw securing the fingerprint reader bracket.

Step 10 — Remove the fingerprint reader bracket



- Use a pair of tweezers to remove the fingerprint reader bracket.

Step 11 — Disconnect the fingerprint reader



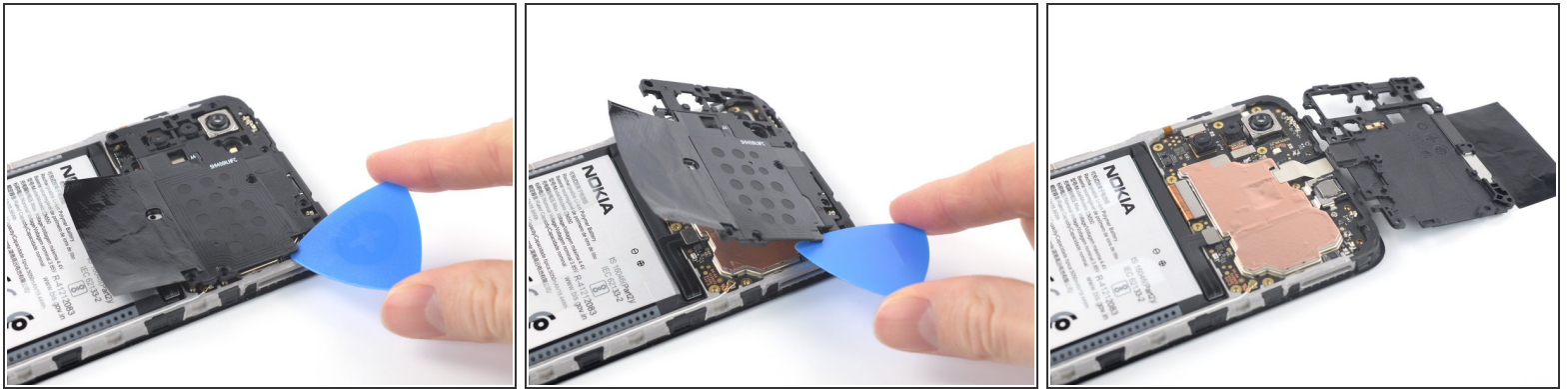
- Use a spudger to disconnect the fingerprint reader by prying the connector straight up from its socket.
- ☑ To re-attach press connectors like this one, carefully align and press down on one side until it clicks into place, then repeat on the other side. Don't press down on the middle. If the connector is misaligned, the pins can bend, causing permanent damage.
- Remove the back cover.

Step 12 — Unfasten the motherboard cover



- Use a Phillips screwdriver to remove the eleven 3.8 mm-long screws securing the motherboard cover.
- ⓘ There might be a [white sticker](#) covering a screw. Pierce through it with the screwdriver or use tweezers to remove it.

Step 13 — Pry up the motherboard cover



i The motherboard cover is held in place by plastic clips.

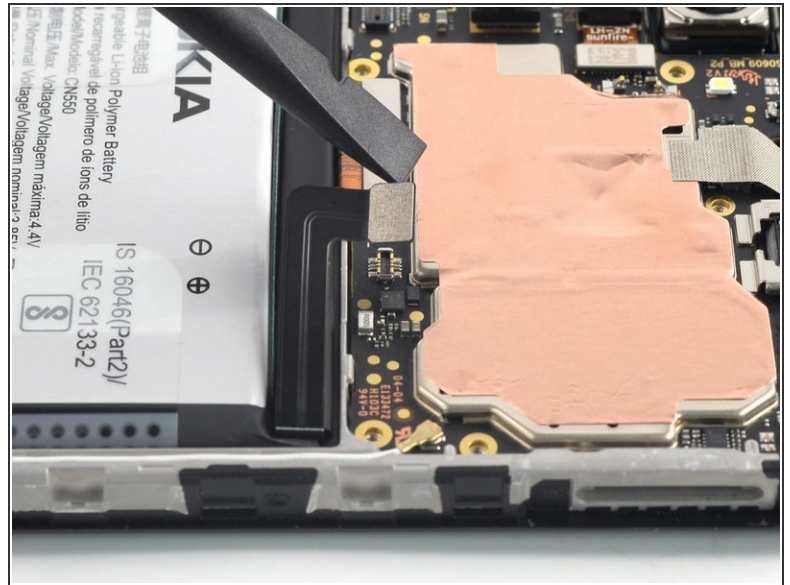
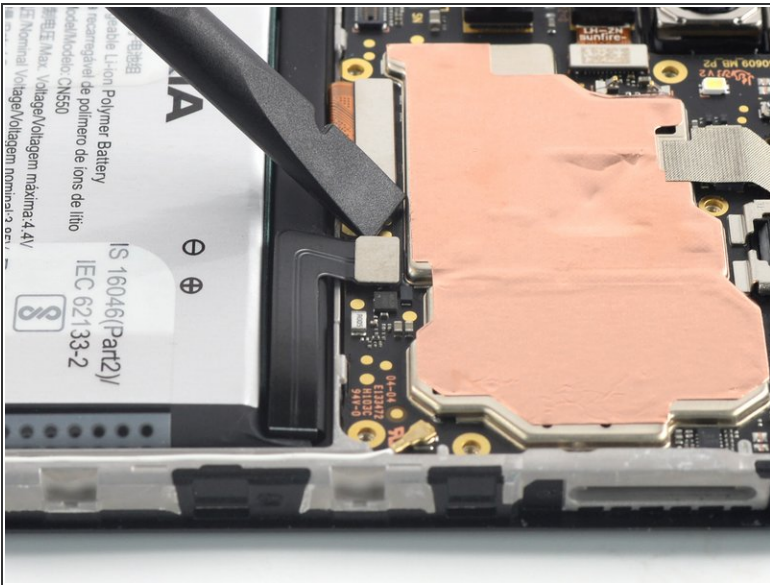
- Use an opening pick to pry under the right edge of the motherboard cover and release its plastic clips.
- Fold the motherboard cover over towards the top edge of your phone.

Step 14 — Remove the motherboard cover



- The motherboard cover has two short adhesive tapes wrapped around the top edge and onto the frame.
 - Pull the motherboard cover away from the frame to separate the adhesive tape and remove it.
- ⚠** During reassembly, make sure to fold the tape onto the frame after securing the motherboard cover's plastic clips.

Step 15 — Disconnect the battery cable



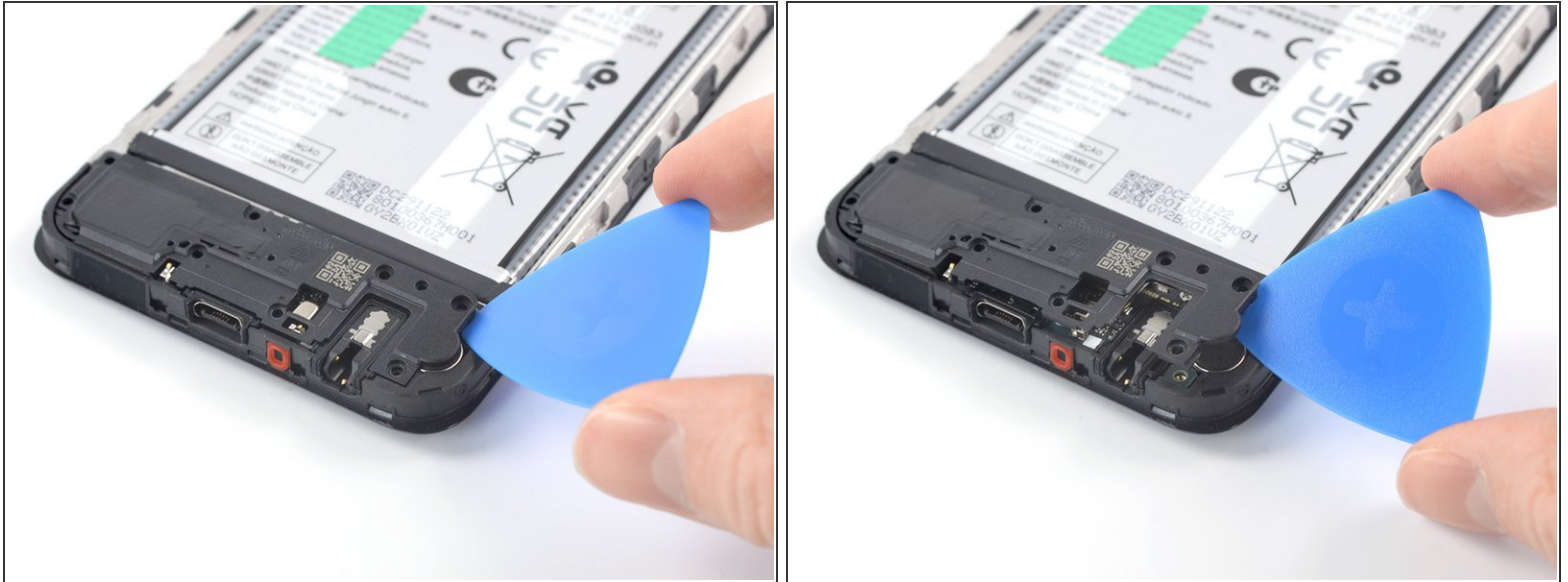
- Use a spudger to disconnect the battery cable by prying the connector straight up from its socket.

Step 16 — Unfasten the loudspeaker



- Use a Phillips screwdriver to remove the eight 3.8 mm-long screws securing the loudspeaker.
- ⓘ There might be a [white sticker](#) covering a screw. Pierce through it with the screwdriver or use tweezers to remove it.

Step 17 — Pry up the loudspeaker



- Insert an opening pick underneath the right edge of the loudspeaker.
- Twist the opening pick to release the plastic clips and pry up the loudspeaker.

Step 18 — Remove the loudspeaker



- Use your fingers or a pair of tweezers to remove the loudspeaker.

Step 19 — Disconnect the display cable



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

Step 20 — Disconnect the antenna cable



- Use the point of a spudger to disconnect the antenna cable by prying the connector straight up from its socket on the assembly.

Step 21 — Unfasten the charging port assembly



- Use a Phillips screwdriver to remove the 2.8 mm-long screw securing the charging port assembly.

Step 22 — Pry up the charging port assembly



- Twist the spudger to separate the charging port assembly from the frame
- Pry up the charging port assembly by twisting the spudger.

Step 23 — Remove the charging port assembly



- Use your fingers or a pair of tweezers to remove the charging port assembly.

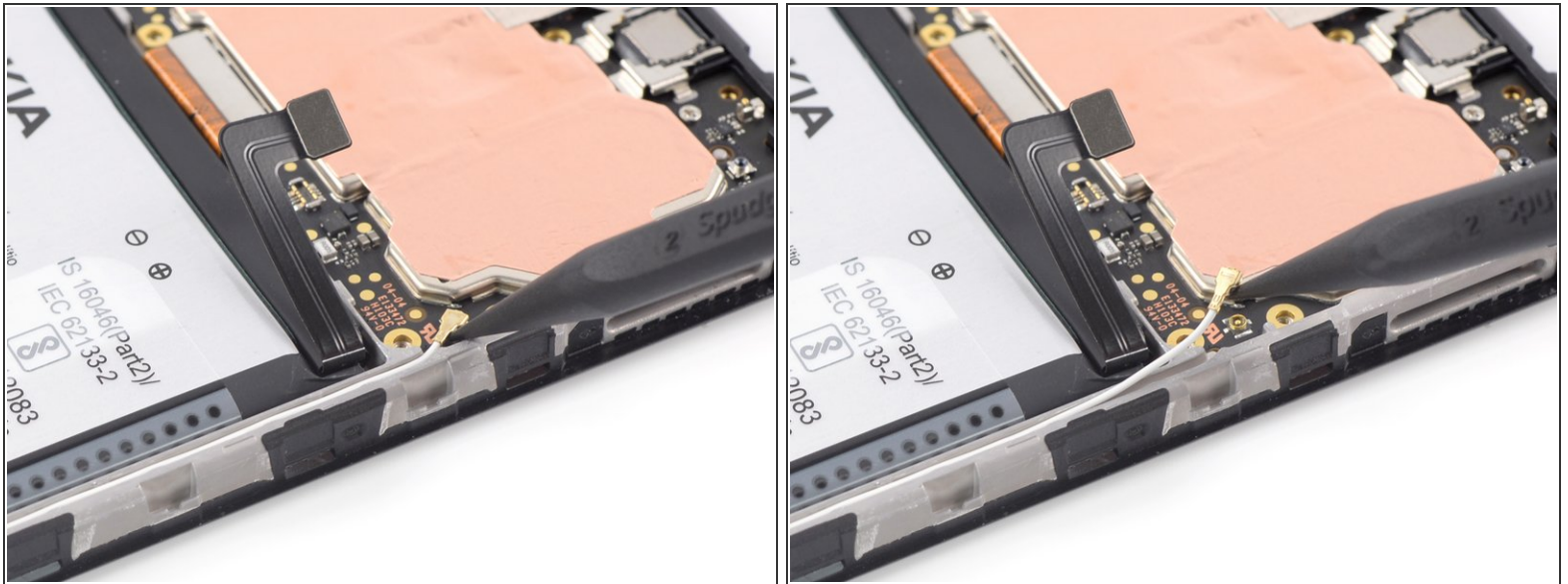
Step 24 — Remove the vibration motor



i The vibration motor is held in place by mild adhesive.

- Insert the point of a spudger in the small recess on the upper right side of the vibration motor.
 - Pry up the vibration motor to separate its adhesive.
 - Use a pair of tweezers or your fingers to remove the vibration motor.
- 👉** You can reuse the old adhesive if it's still sticky. If not, replace it with new custom cut adhesive, such as [Tesa Tape](#).

Step 25 — Disconnect the antenna cable



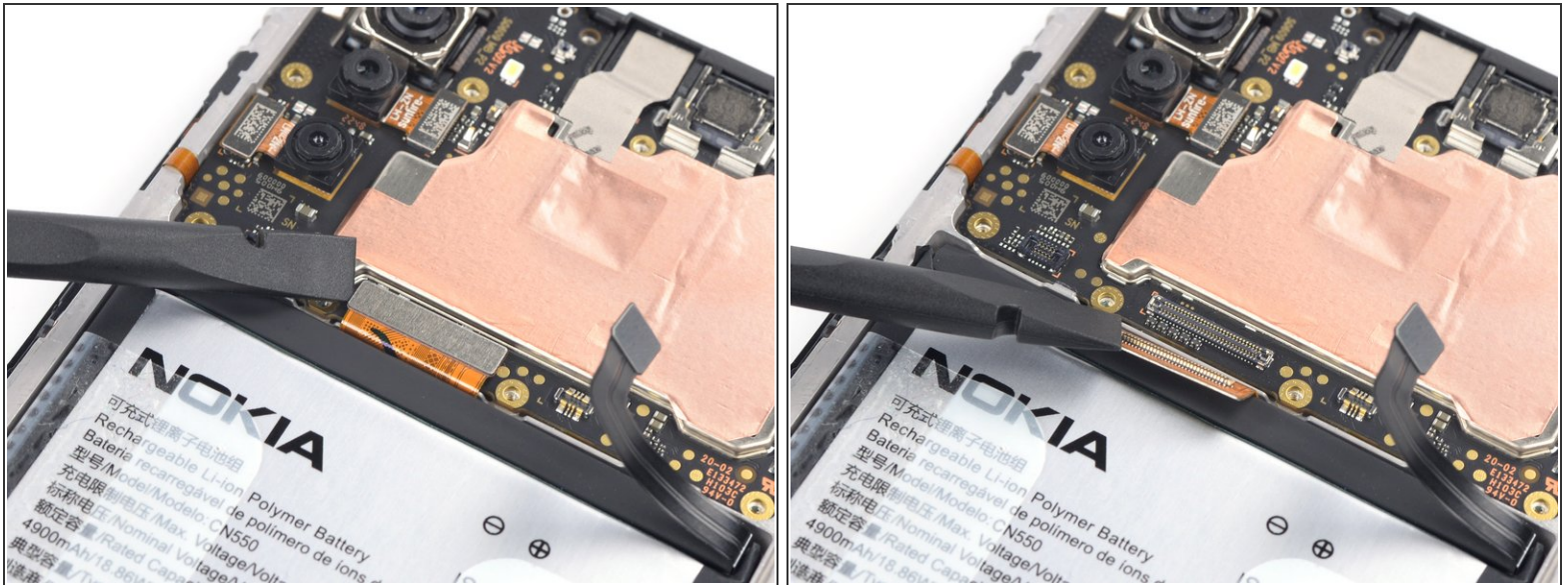
- Use the point of a spudger to disconnect the antenna cable by prying the connector straight up from its socket on the motherboard.

Step 26 — Remove the antenna cable



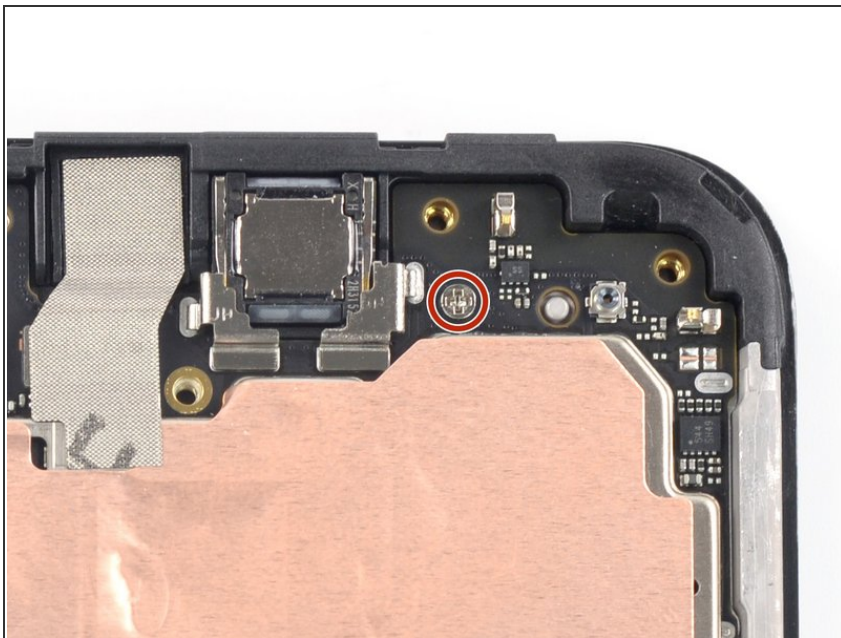
- Use a pair of tweezers or your fingers to lift up the antenna cable from its recess in the frame and remove it.

Step 27 — Disconnect the display cable



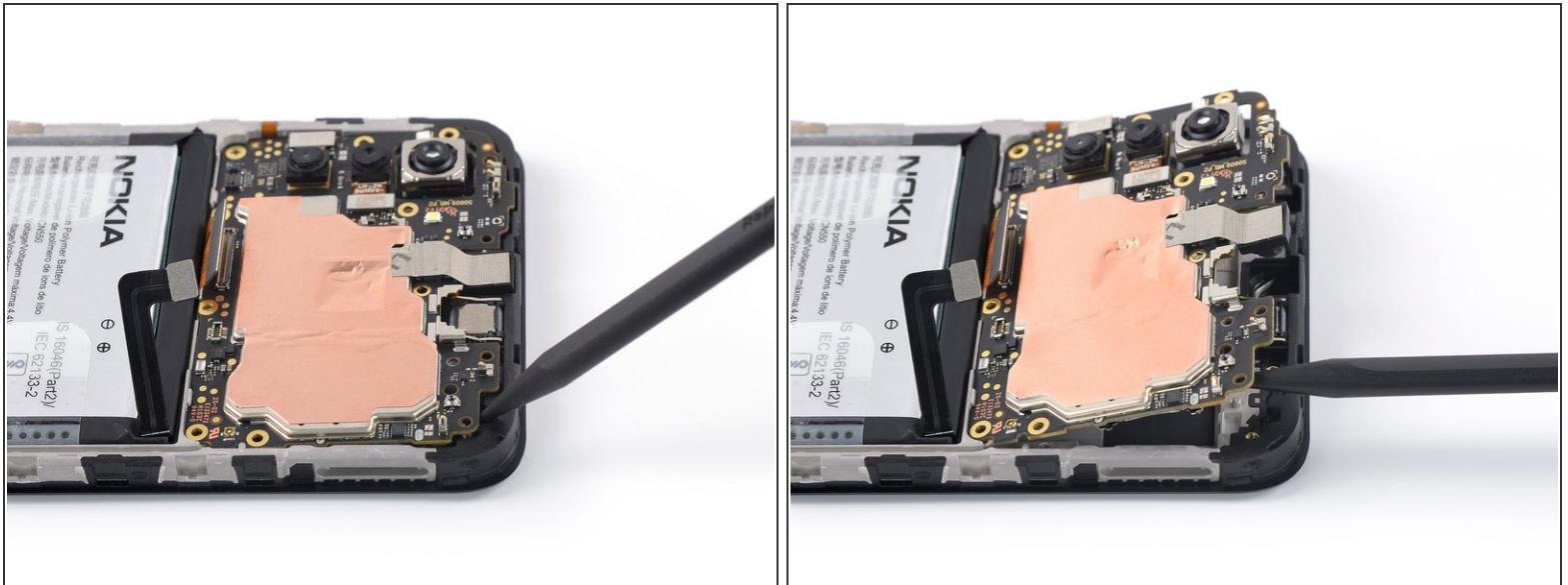
- Use a spudger to disconnect the display cable by prying the connector up from its socket and away from the motherboard.

Step 28 — Unfasten the motherboard



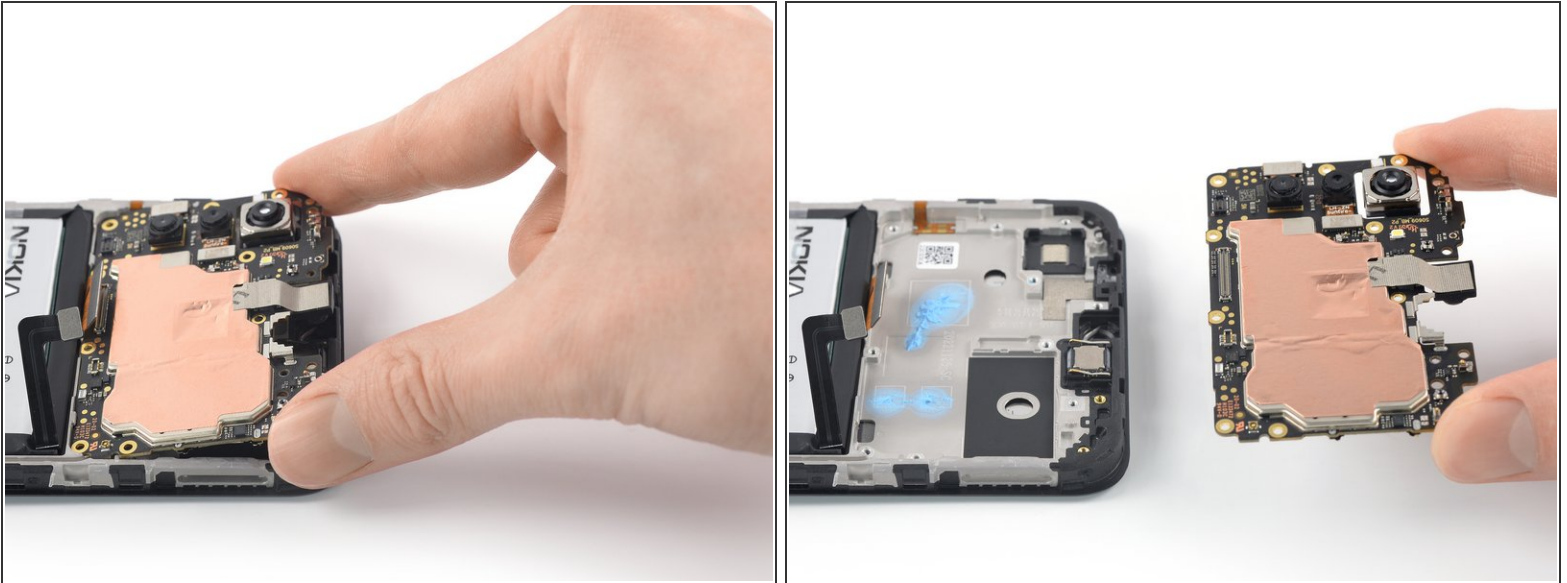
- Use a Phillips screwdriver to remove the 2.8 mm-long screw securing the motherboard.

Step 29 — Pry up the motherboard



- Insert the point of a spudger underneath the top right corner of the motherboard.
- Pry up the motherboard.

Step 30 — Remove the motherboard



- Remove the motherboard from the frame.
- ☞ During reassembly, follow [this guide](#) for reapplying thermal paste onto the motherboard if necessary.

Step 31 — Separate the power and volume button connector



- Insert one arm of your tweezers [under the small indent](#) next to the power and volume button cable connector.
- Lift up with the tweezers to separate the connector from the frame.

Step 32 — Remove the power and volume button cable



- Use a pair of tweezers to carefully pull the power and volume button cable away from the frame.
- Remove the power and volume button.

Step 33 — Remove the earpiece speaker



- ⓘ The earpiece speaker is fixed with mild adhesive.
- Insert the flat end of a spudger under the bottom left of the earpiece speaker and lift it out of its recess.
- Remove the earpiece speaker.
- ☞ During reassembly, make sure the gold contact springs on the earpiece speaker point downward before reattaching it to the frame.

Step 34 — Remove the camera bracket



- i The camera bracket is held in place by mild adhesive.
- i This bracket may not be present in the **Nokia Phone**.
 - Use a pair of tweezers to remove the black camera bracket at the top corner of the frame.
- ★ Set the bracket aside. You'll reuse it during reassembly.

Step 35 — Remove the foam pad



- i The foam pad is held in place by mild adhesive.
- i This foam pad may not be present in the **Nokia Phone**.
 - Use a pair of tweezers to carefully remove the foam pad.
- ➡ Set the foam pad aside. You'll reuse it during reassembly.

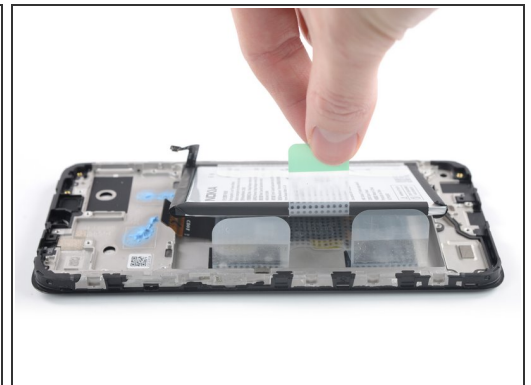
Step 36 — Loosen the battery tabs



⚠ Take care not to puncture or bend the battery with your tool—a punctured or bent battery may leak dangerous chemicals or cause a fire.

- Use your fingers to peel the two outer adhesive tabs off the battery.

Step 37 — Lift the battery



- Use your fingers to peel the green middle pull tab off the battery.
- Slowly and steadily lift the pull tab straight up to separate the adhesive securing the battery
- ⓘ You may use your other hand to hold the phone down and keep the outer tabs out of the way.
- ⓘ If the green tab rips, you can use the outer tabs to pull out the battery and the adhesive film underneath.

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Step 38 — Remove the battery



- Peel the battery off the adhesive and remove it.

⚠ Do not reinstall a damaged or deformed battery, as doing so is a potential safety hazard.

Step 39 — Remove the battery adhesive film



- Grab the bottom right edge of the adhesive film.
 - Pull the film towards the top of the phone with steady force.
- 📌** During reassembly, you'll need to reattach the adhesive film to the battery before putting it into the new screen assembly.
- ⓘ** In order to position it correctly, [align the non-sticky bottom edge](#) and lower it down into its recess. Press the battery firmly into place.

Step 40 — The screen assembly remains



- Only your old screen assembly remains.
 - ☑ Compare your new replacement assembly to the original part—you may need to transfer remaining components or remove adhesive backings from the new part before you install it.
- ⚠ If you're reusing the battery, carefully inspect it for any sign of physical damage. If it's [bent](#), [creased](#), [dented](#) or [scratched](#), replace it with a new battery. Installing a damaged battery is a safety hazard.

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 **Nokia Phone** answers community for help.