



Nokia Lumia 1020 Speaker Replacement

Use this guide to replace the speaker component of your Nokia Lumia 1020.

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INTRODUCTION

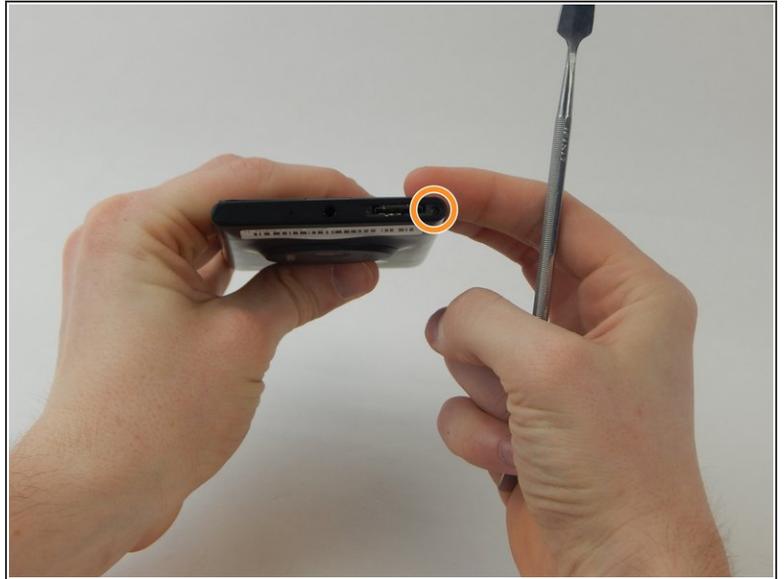
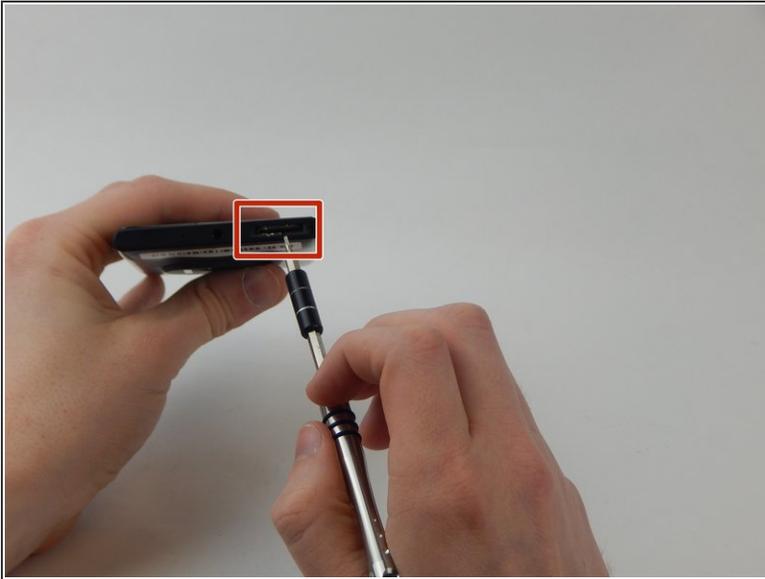
This guide will describe how to remove the speaker of your Nokia Lumia 1020.

This replacement will be useful if you want to replace a damaged speaker. Speakers can be damaged from broken wires or water damage. If the speaker sound quality is significantly decreased, you may want to consider replacing your speaker.

TOOLS:

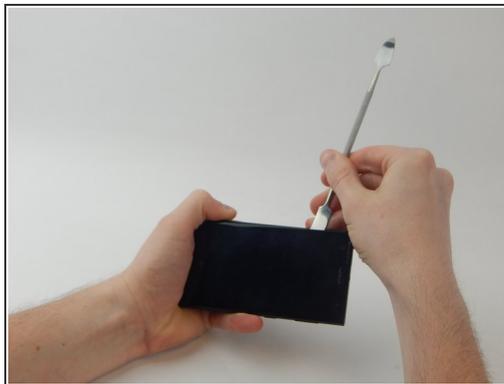
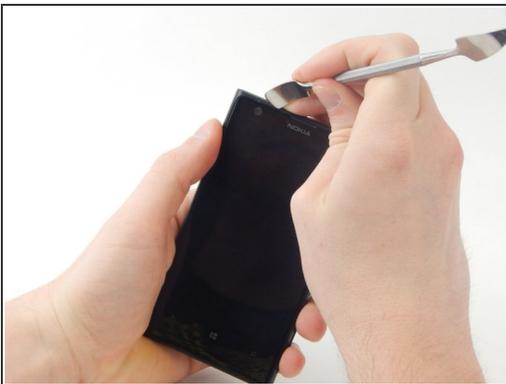
- [T4 Torx Screwdriver](#) (1)
 - [T6 Torx Screwdriver](#) (1)
 - [ESD Safe Tweezers Blunt Nose](#) (1)
 - [Spudger](#) (1)
 - [Hair Dryer](#) (1)
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Step 1 — Screen



- Use a SIM door key to remove the SIM card and SIM card tray from the device.
- Use a T4 screwdriver to loosen the captured torx screw to the right of the SIM card tray (the screw will not come out).

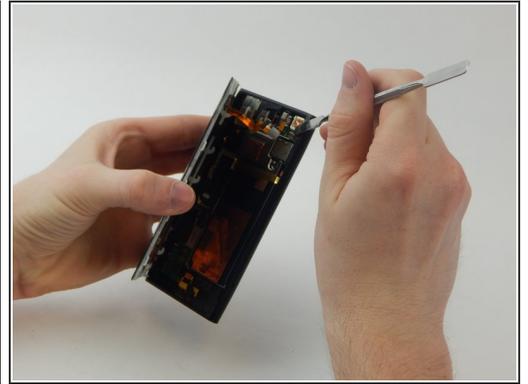
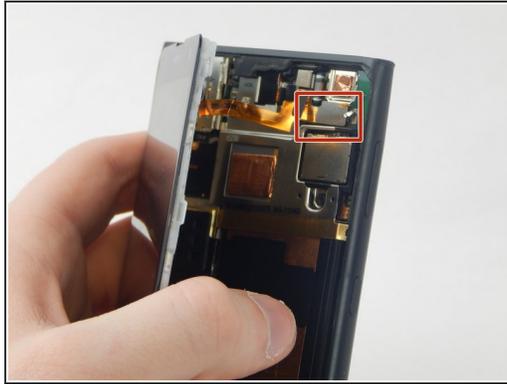
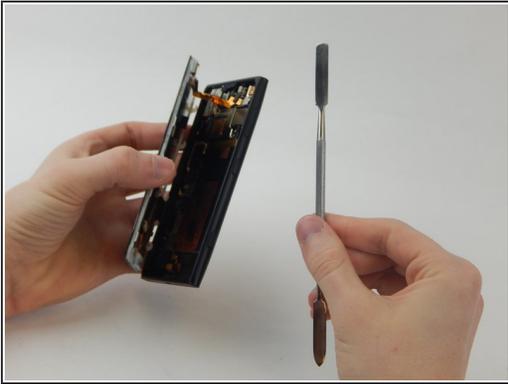
Step 2



- Wedge a spudger in between the screen and the back of the device, starting from the top left corner of the phone.
- Gently pry the screen away from the back of the device using slight upward pressure.
- Slide the spudger down towards the bottom left corner of the device, continuing to gently pry upwards. The screen will now be slightly separated from the back of the phone.

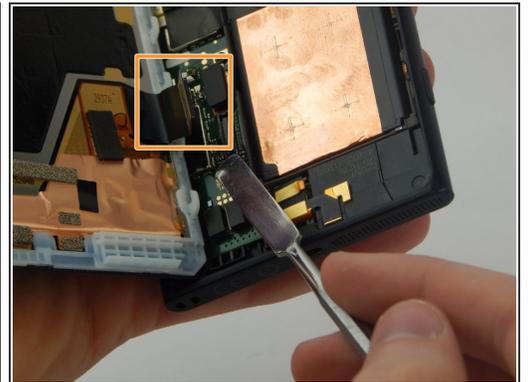
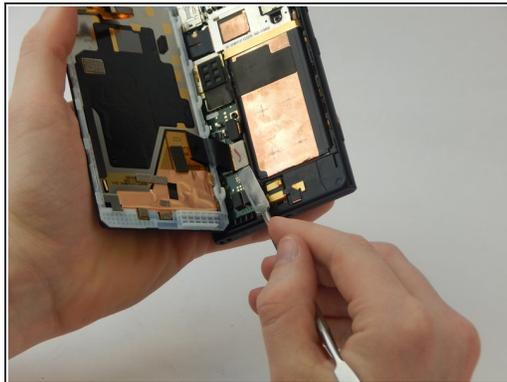
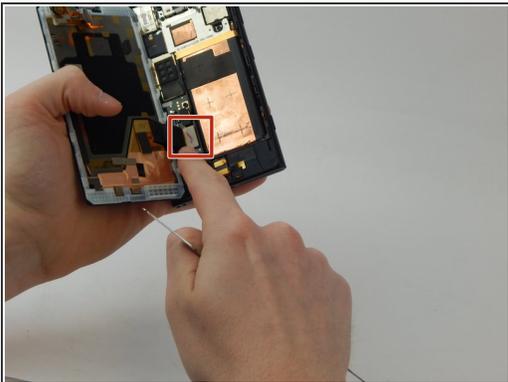
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Step 3



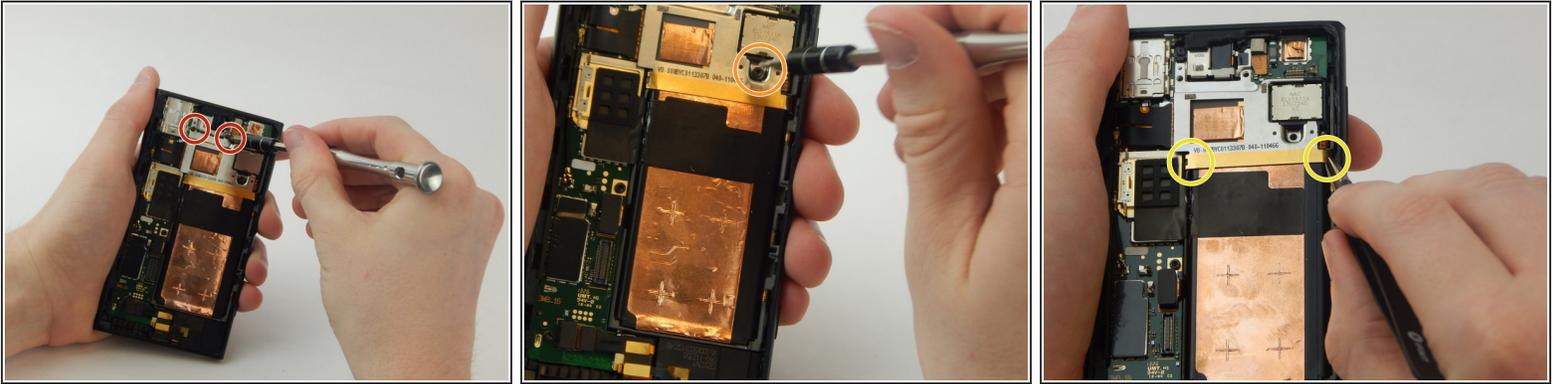
- Wedge a spudger underneath the silver rectangle in the upper right corner until it pops off the back of the phone.

Step 4



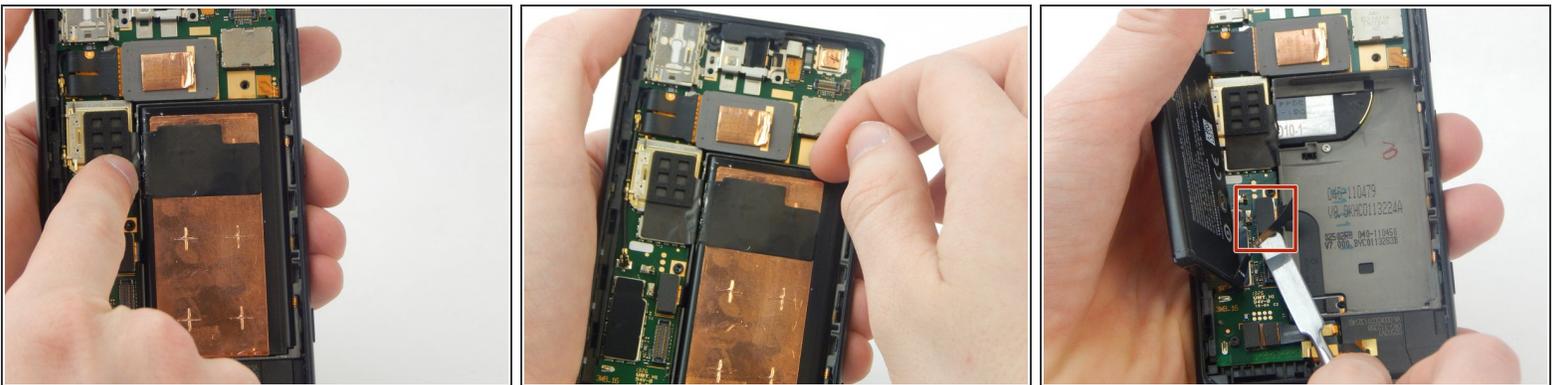
- Wedge a spudger underneath the silver rectangle in the lower left corner until it pops off the back of the phone.
- Completely remove the screen from the back of the phone.

Step 5 — Battery



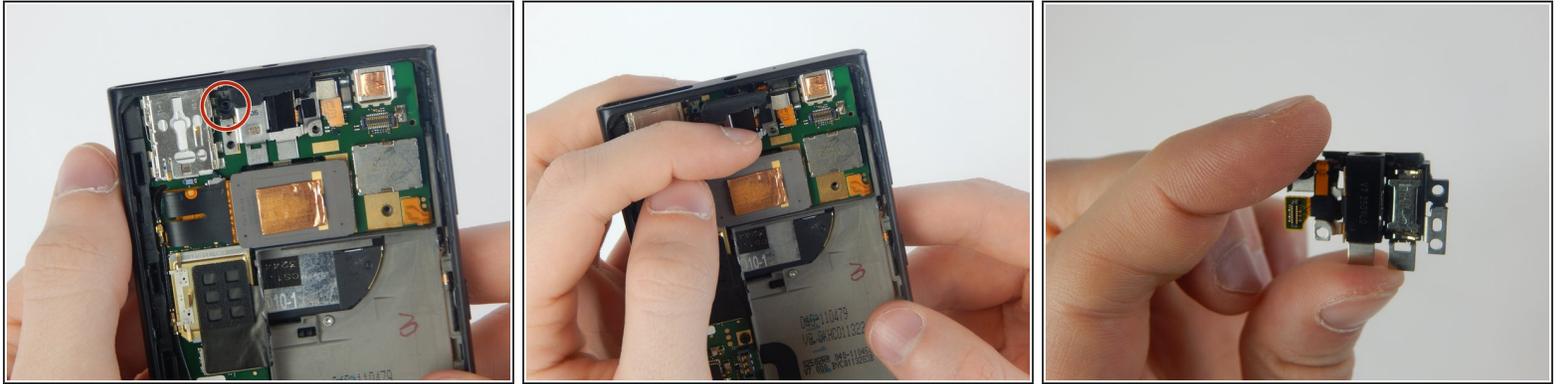
- Unscrew the two 4 mm torx screws on the top silver strip with a T4 screwdriver.
- Unscrew the 4.5 mm torx screw above the gold bar with a T6 screwdriver.
- Grab the edges of the gold strip with gripped tweezers to remove. The gold and silver metal will come off together.

Step 6



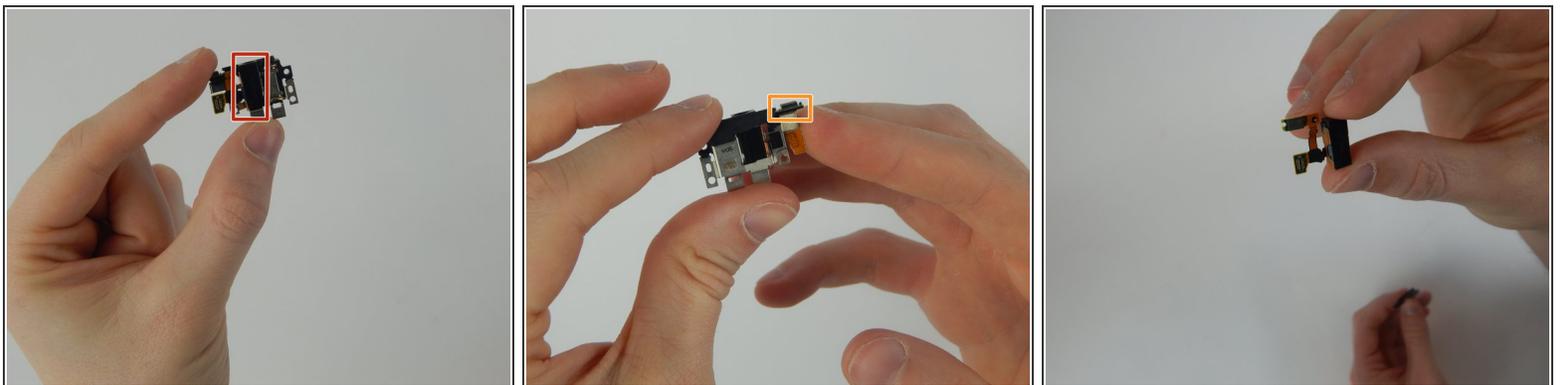
- ⚠ Be careful not to puncture the battery. Use a spudger to slice the black tape on the left side of the battery.
- Remove the battery with your finger.
- Wedge a spudger underneath the small black rectangle attached to the battery until it pops off.

Step 7 — Headphone Jack



- Use the T4 screwdriver to remove the 4 mm torx screw.
- Remove the headphone jack by pulling back on the silver plate with your fingernail.

Step 8



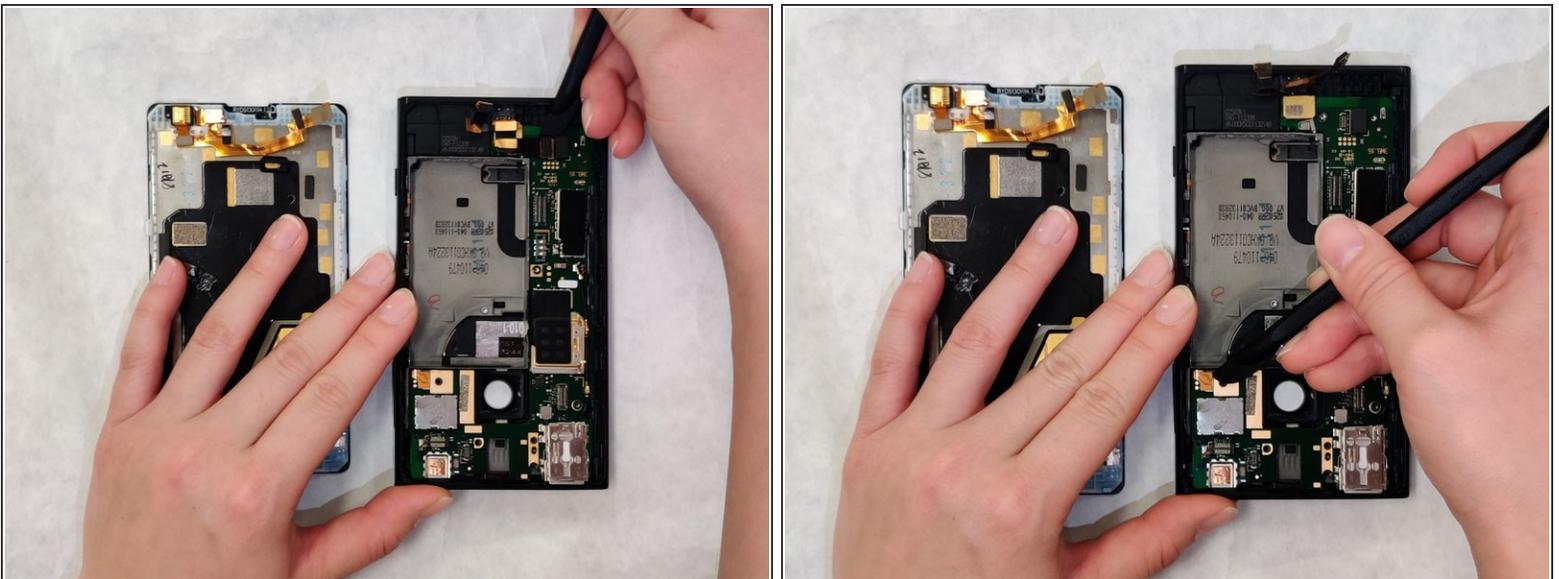
- Remove the headphone jack with spudger.
- Wedge the spudger underneath the grey rectangle and pry until it pops off. Note this piece is glued and may require more force than previous rectangles.
- Headphone jack is fully removed and can be replaced.

Step 9 — Rear-Facing Camera



- Use your fingernail to grip the rear-facing camera on the upper middle part of the back of the phone. Pry until it pops off to the left.
- Remove the camera by wedging a spudger underneath the attached gold foil.

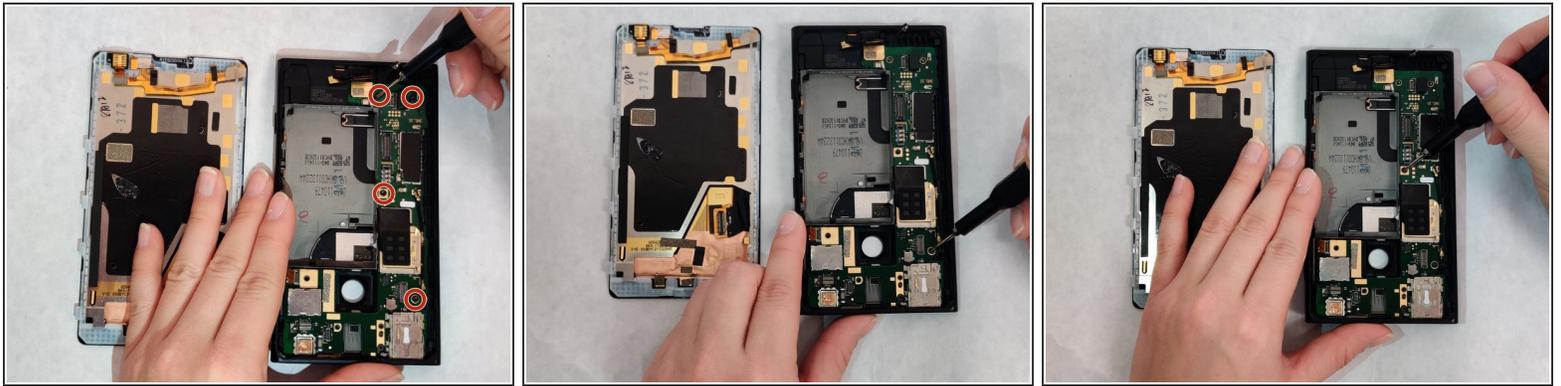
Step 10 — Motherboard



- Disconnect the two gold connectors from the motherboard using a spudger.

⚠ Be gentle with the connectors to make sure they are not damaged.

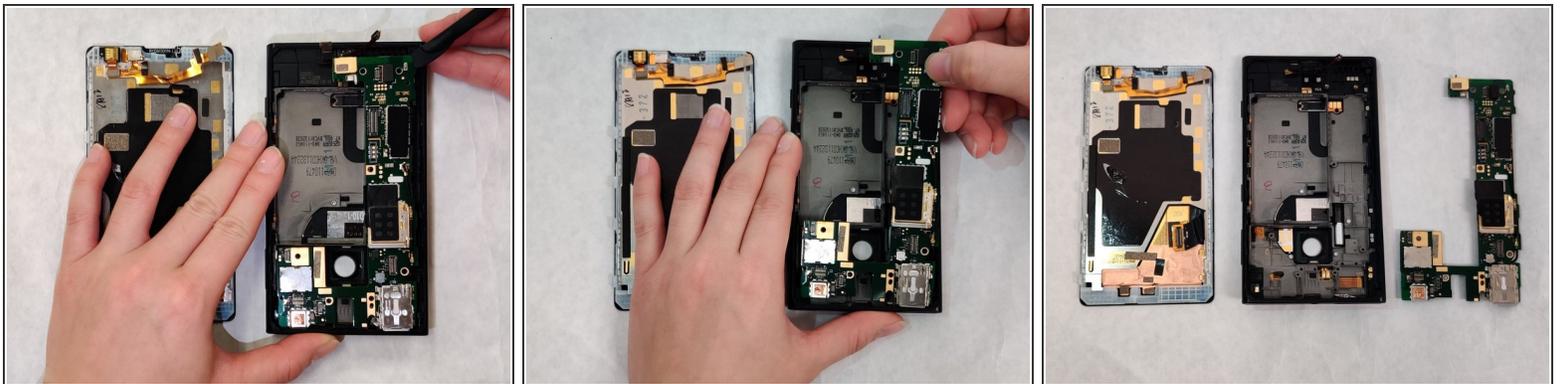
Step 11



- Using a T4 screwdriver, remove four 4.60 mm screws to disconnect the motherboard from the rest of the device.

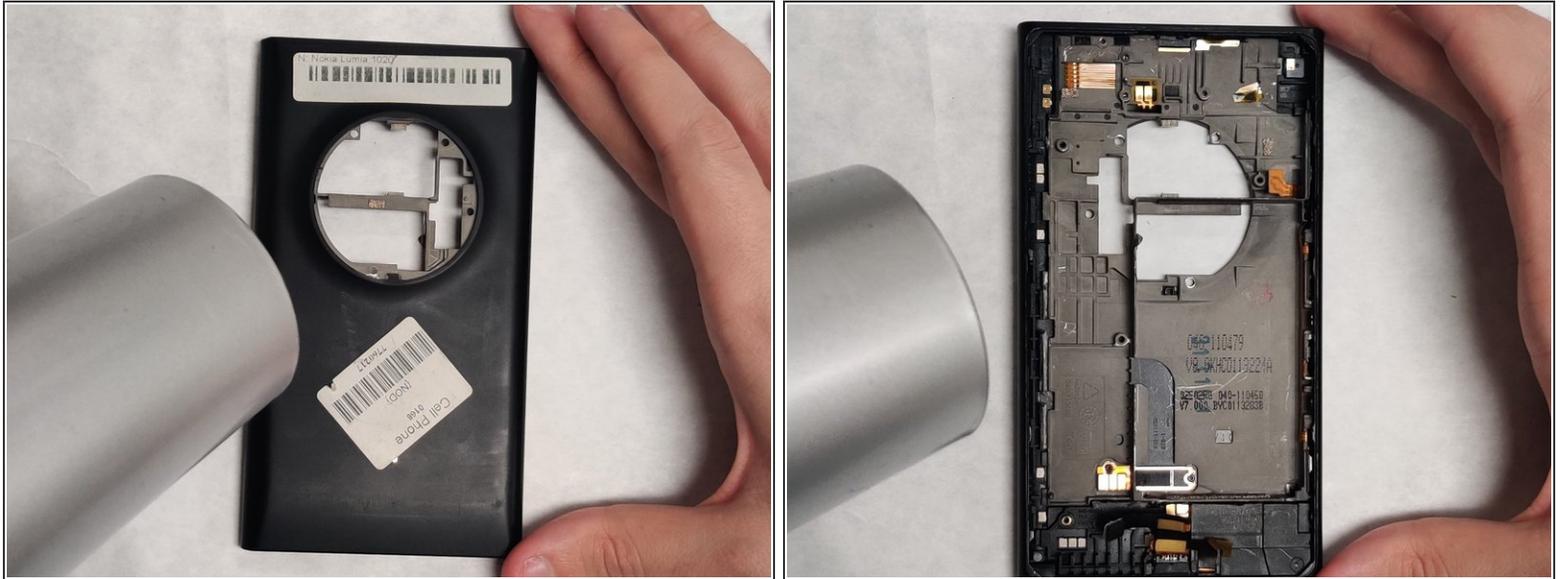
⚠ Be sure not to lose the screws.

Step 12



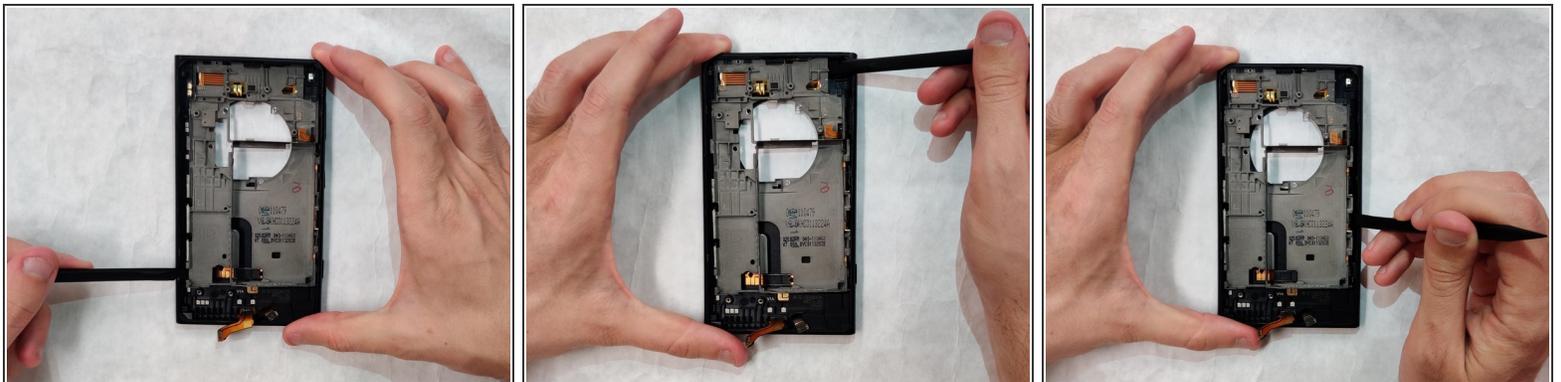
- Use the spudger to remove motherboard first from the top right corner, then bottom right corner, then the bottom left corner.
- After loosening the motherboard, begin to remove the component by starting at the top right corner first, then pull motherboard out.

Step 13 — Speaker



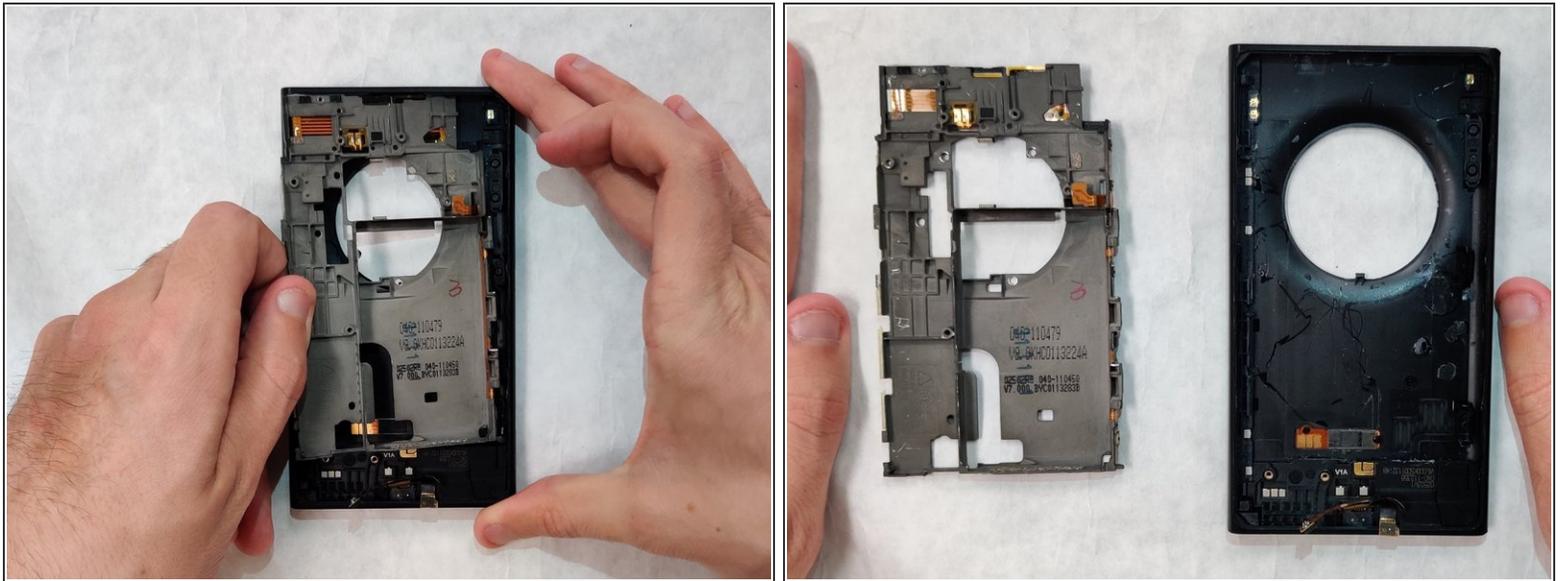
- Use a hairdryer to heat up the adhesive of the plastic base. This may take around 5 minutes.
- ⓘ This may take more than 5 minutes. Also, the iOpener by itself may not provide enough heat to truly melt the adhesive.

Step 14



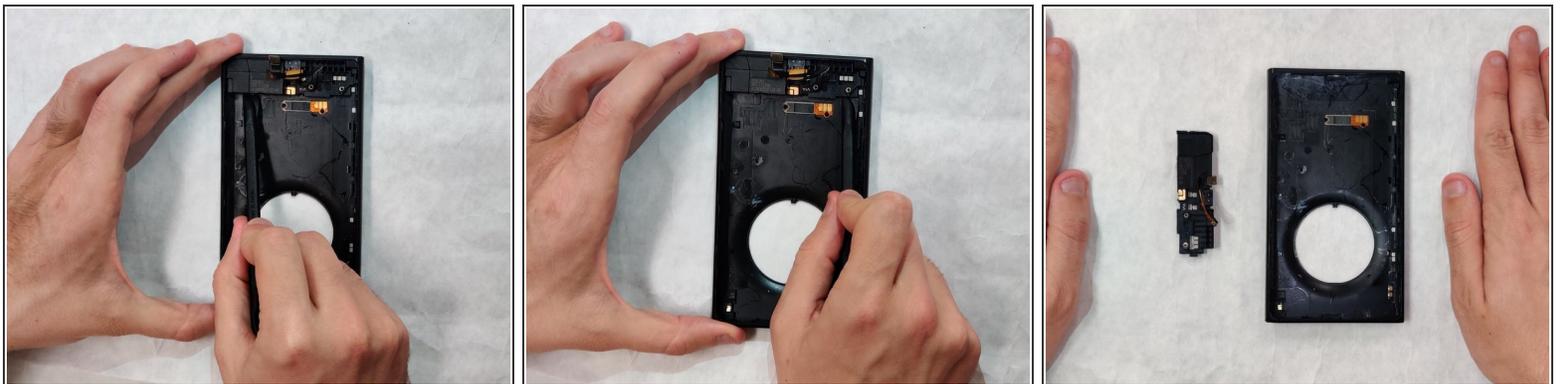
- Insert the spudger on the edges of the base and lift up.

Step 15



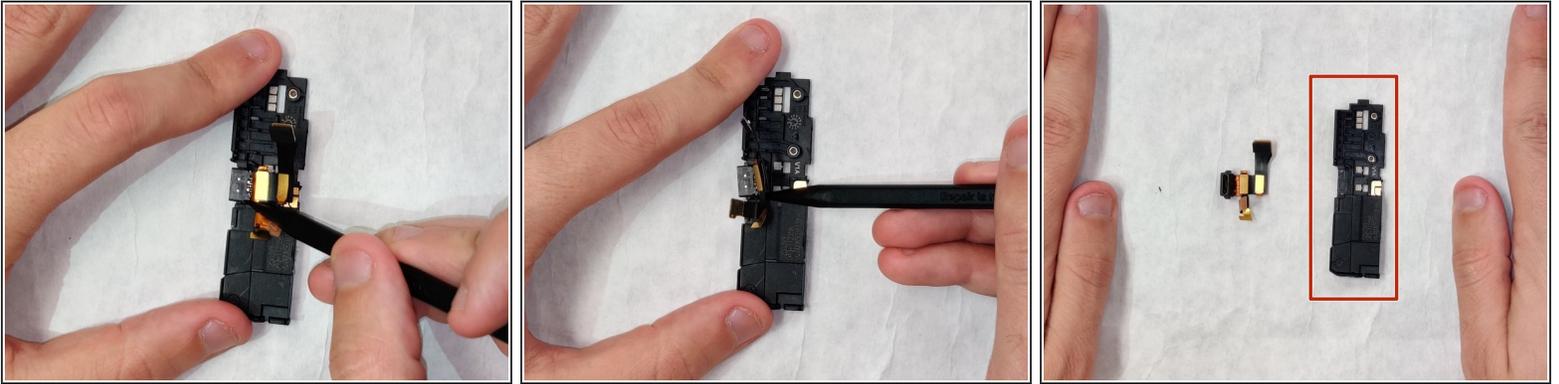
- Now that the base is loose, lift the base with your fingers.

Step 16



- After removing the base, slide the spudger underneath the speaker and charging port components.
- The speaker and charging port components should pop out after lifting up with the spudger.

Step 17



- Now that the charging port and speaker components have been removed, separate the two components in order to retrieve the speaker.
- Wedge the spudger between the charging port and speaker components and push outwards.
- ⓘ There are clips that you need to get past, so don't be afraid to push a little harder than normal.
- After disassembling the components, the speaker can now be retrieved. This part is highlighted in red.

To reassemble your device, follow these instructions in reverse order.