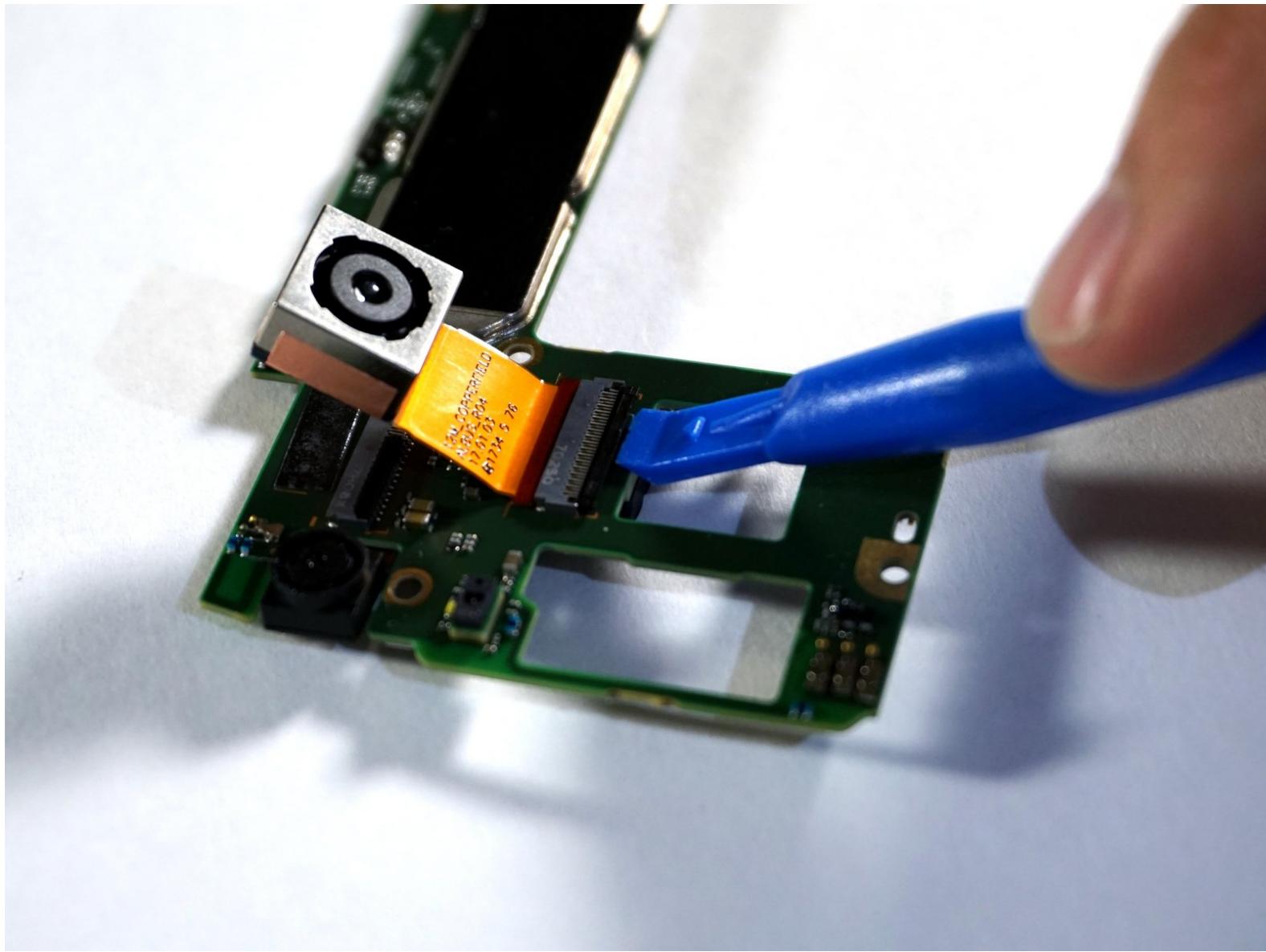




Motorola Moto Z2 Play Rear Facing Camera Replacement

How to replace the rear-facing camera on your Moto Z2 Play

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INTRODUCTION

Use this guide to replace the rear-facing camera on your Motorola Z2 Play.

Warning: Because of the strong adhesive securing the display, minimal clearance for inserting your tools, and high heat required, there's a good chance of accidentally damaging the display when removing it. If you intend to re-use the display, take serious care when heating and inserting tools to separate the display from the rest of the device.

TOOLS:

- iOpener (1)
- Tweezers (1)
- SIM Card Eject Tool (1)
- Heat Gun (1)
- Suction Handle (1)
- iFixit Opening Tools (1)
- Plastic Cards (1)
- T3 Torx Screwdriver (1)

PARTS:

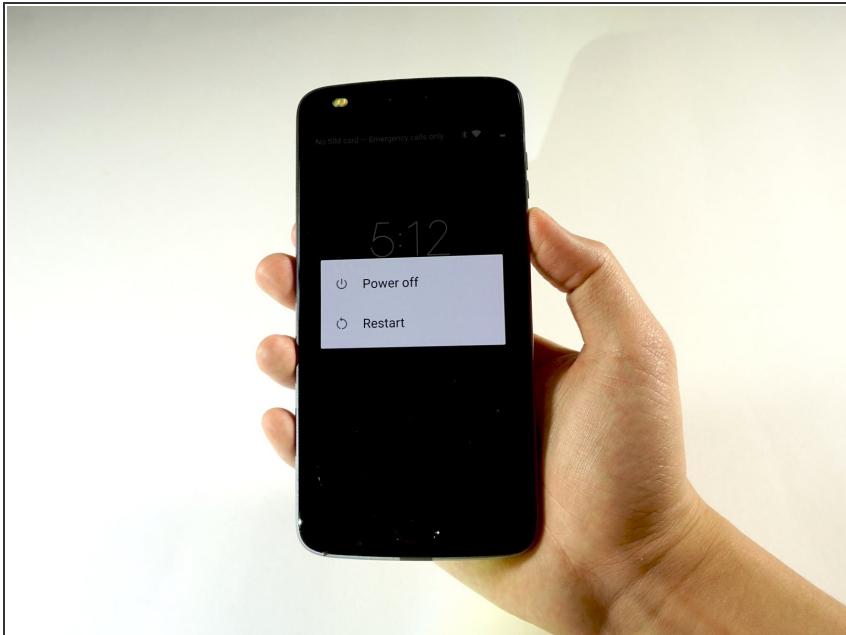
- Moto Z2 Play Display Adhesive (1)

Step 1 — Eject the SIM tray



- Insert a SIM eject tool, bit, or a straightened paperclip into the hole in the SIM tray, located at the top left edge of the phone.
⚠ Double-check to make sure that you are not mistakenly inserting the tool into the microphone hole.
- Push firmly to eject the tray.
- Pull the tray straight out to remove the tray.

Step 2 — Screen Removal



- Power off your phone before you complete any replacement steps.

Step 3



- Heat the edges of your Motorola Moto Z2 Play screen for two to three minutes with a heat gun. You adjust the heat gun to 85 degrees centigrade, and be careful not to hold the heat gun on one position for too long; to avoid damaging, or "hotspotting" the LCD. The screen should be very warm, but not painful, to the touch. Reheat as necessary.

 If screen is cracked put strong adhesive tape across the screen in order to avoid breaking the screen further and receiving cuts.

 If you don't have access to a heat gun, a hair dryer can be used.

Step 4



- Place suction cup in the middle of the screen and press down.

Step 5



- Pry the screen by wedging the plastic opening tool under the screen at the charging port.
- Work your way around the screen with the plastic opening tool.

⚠ When you pry near the top-right and bottom-right corners, be careful not to pry too far, or you risk damaging [the display cable](#).

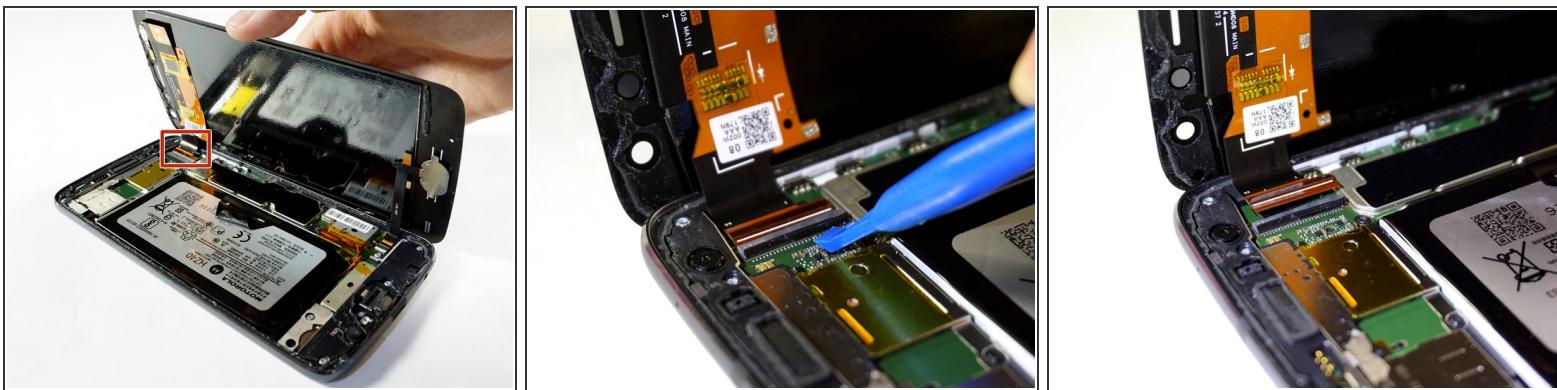
i Complete these steps carefully because the screen is delicate and can easily crack. If the screen begins to resist prying, reheat the adhesive with your heat gun.

Step 6



- Use a suction cup to lift up screen from left to right.
- *i* If you don't have a suction cup, wedge a spudger or a small plastic card under the screen and lift slowly.
- *i* Failure to lift screen from left to right can cause damage to interior wires of your phone.

Step 7

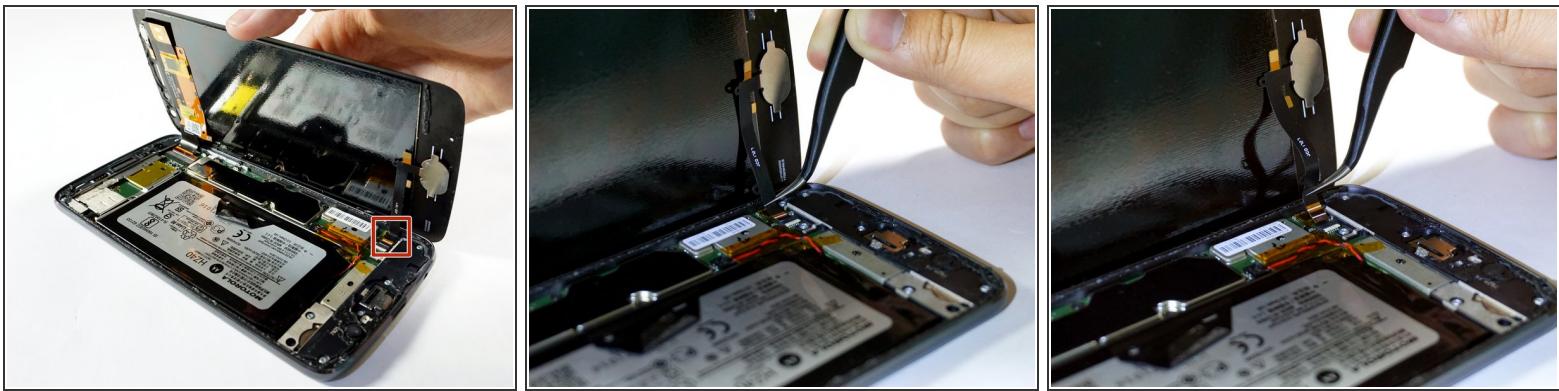


- Identify ribbon connector at the top right of the phone.
- Pry the black locking bar up gently with a plastic opening tool.
- Remove the ribbon wires by pulling them out of the connector with a tweezer.

i The locking bar is the small black bar located on the digitizer's ZIF connector.

 Be sure to push the locking bar back down using a spudger after you put the ribbon wire back in since the lock does not lock automatically.

Step 8



- Identify the ribbon cable, located at the bottom right of the phone.
- Disconnect the ribbon cable, located at the bottom right of the phone, by pulling out and back with tweezers.

i Excessive force is not needed.

Step 9



- Lift the screen from the phone to completely detach.

i If screen doesn't detach, go back to step 7 and 8 to make sure the bar is unlocked and ribbon connector is fully detached.

→ During reassembly, you may need to apply or replace the display adhesive on your display assembly. Use our [display adhesive application guide](#) to apply the adhesive and reseal your device.

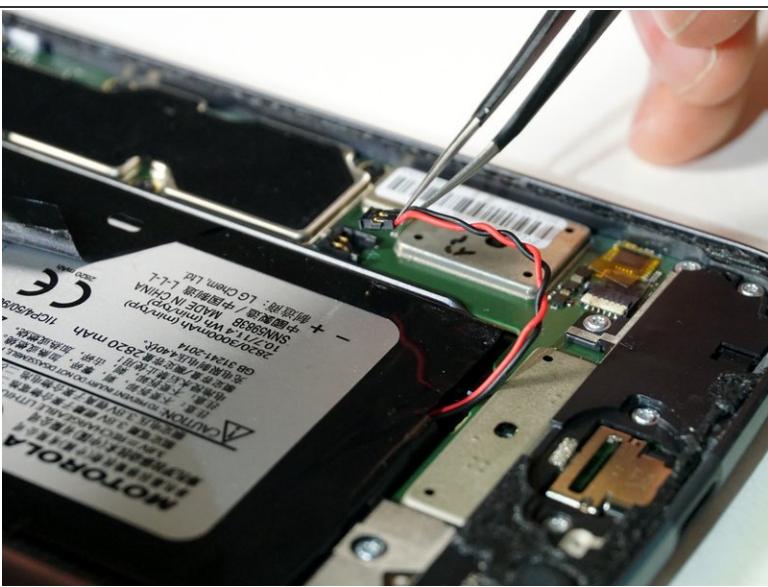
Step 10 — Battery



- Remove the orange tape, located at the bottom right of the phone, using tweezers.

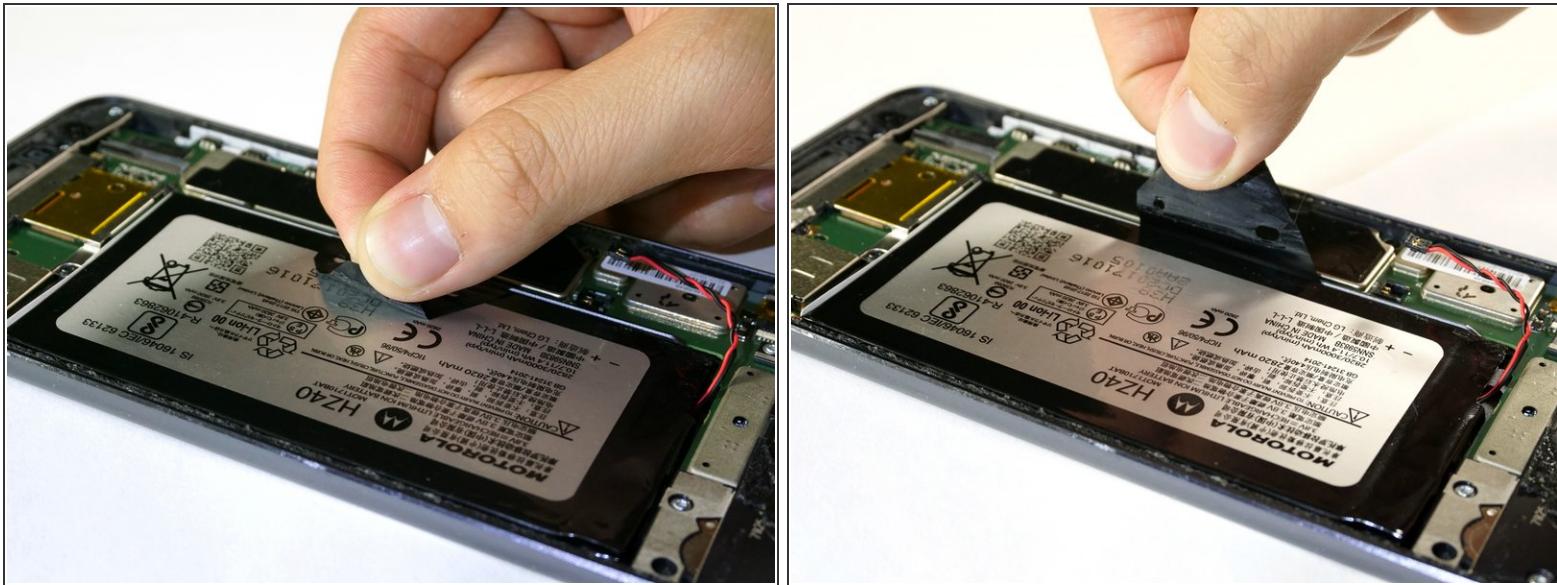
(i) Do not discard tape.

Step 11



- Detach the red and black battery wire by lifting up with tweezers.

Step 12



- Peel back the black tape that is located on the battery.
- Make sure you pull back gently so you can reuse the tape with reassembly.

Step 13



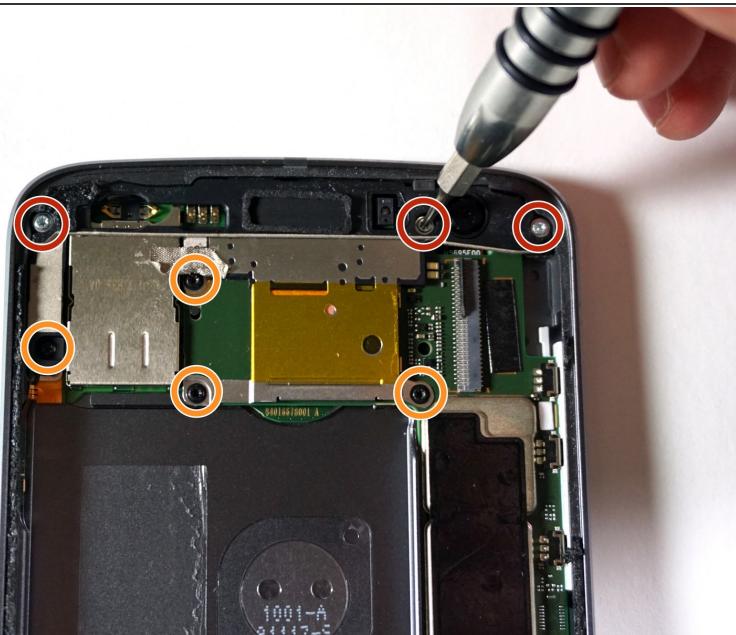
- Lift the black tape and slide a card under the battery.
- Align the card parallel and under the battery.
- Wedge the card further under the battery.
- Lift the card up to assist in removing the battery from the adhesive.

Step 14



- Lift to remove the battery from the device completely.

Step 15 — Speaker



- Remove the three silver 2.6 mm T3 Torx screws on the speaker shell at the top of the phone with a

screwdriver by turning counterclockwise.

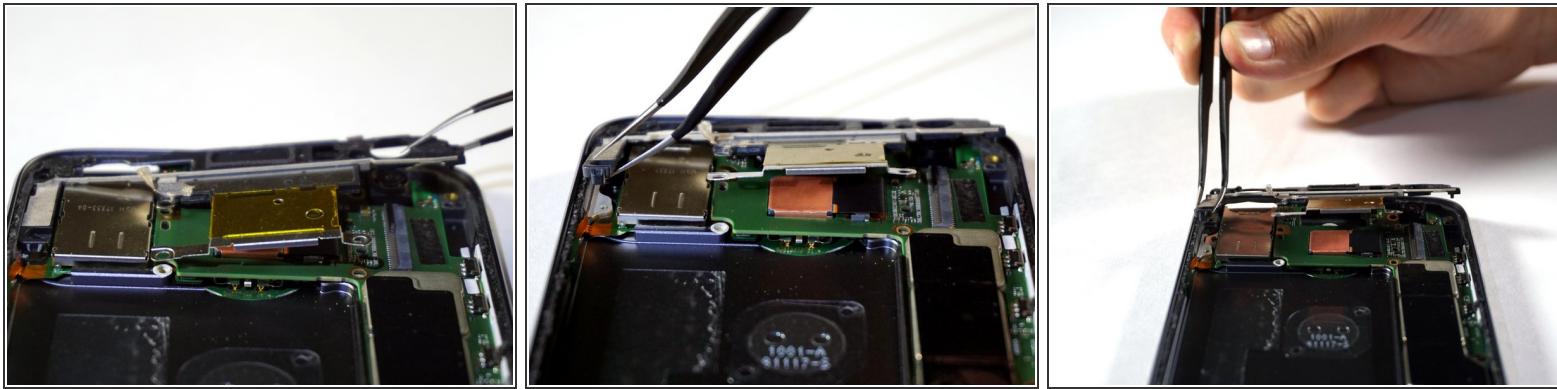
- Remove the four black 3.5 mm T3 Torx screws on the speaker shell at the top of the phone with a screwdriver by turning counterclockwise.
- **(i)** It is helpful to keep screws on a magnetic surface to avoid losing them.

Step 16



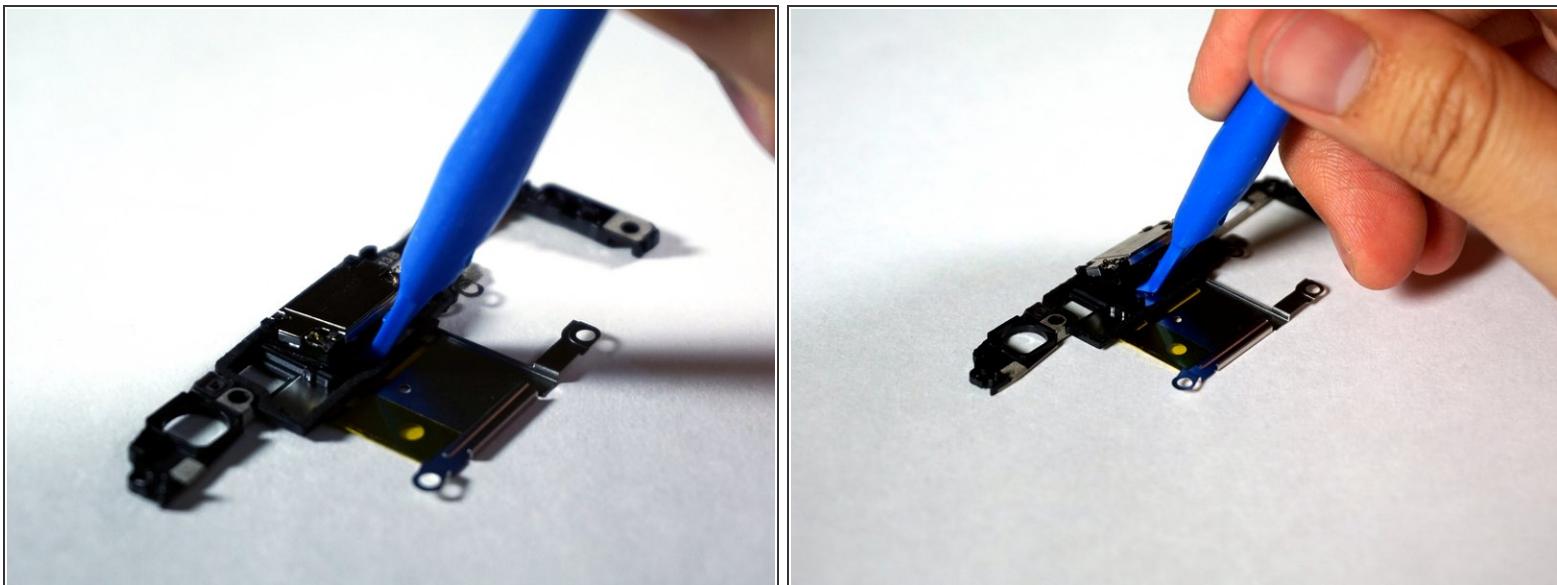
- Lift up the silver metallic tape using the tweezers.

Step 17



- Lift gently to completely remove speaker housing using tweezers.
- Try lifting the speaker housing from both sides slightly before removing completely.

Step 18

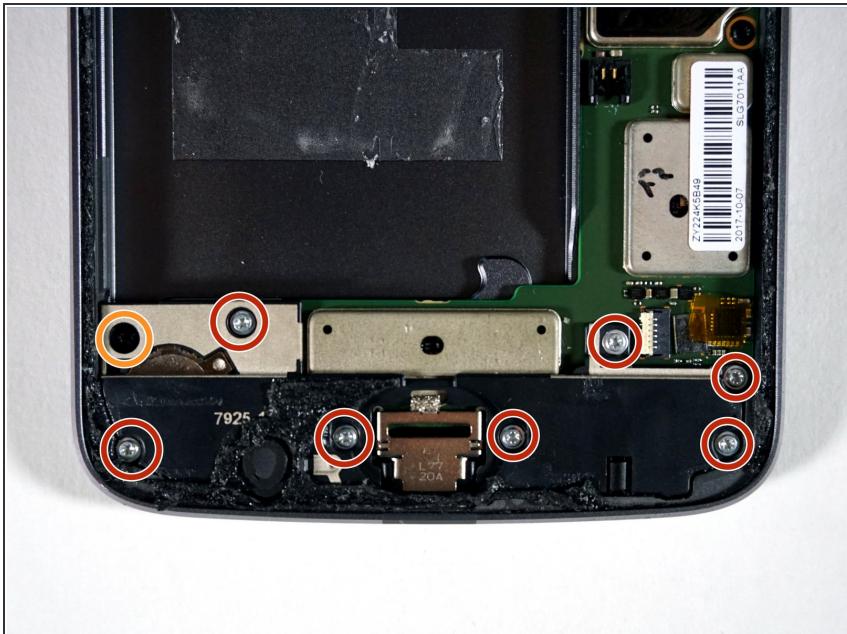


- Place the housing upside down in order to continue working.
- Pry the speaker from the housing with a plastic opening tool.

● When reassembling, make sure the metal connectors of speaker are in the bottom left and right corners (correct orientation).

● Speaker clicks in on reassembly.

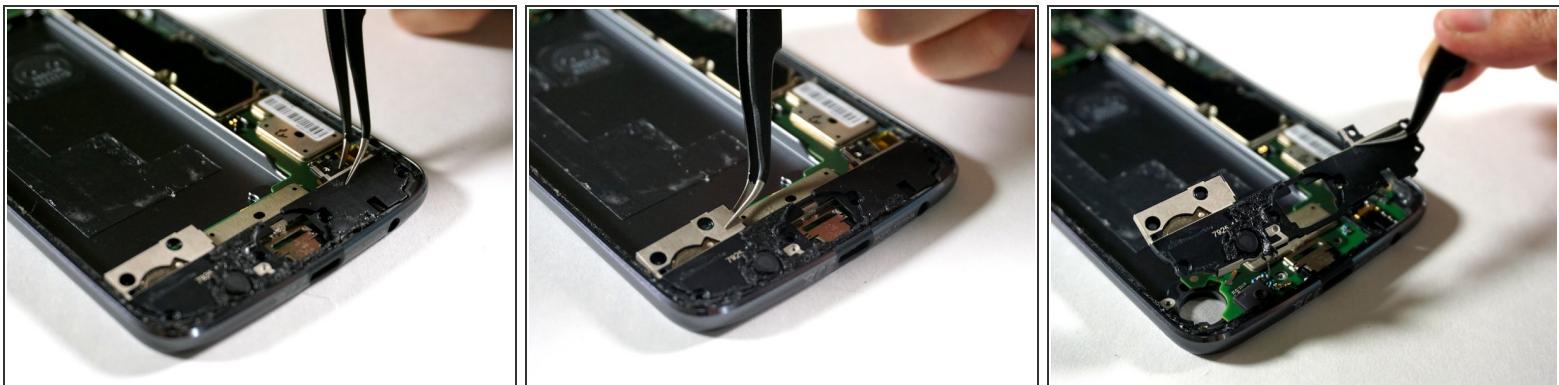
Step 19 — Audio Jack



- Remove the seven silver 2.6 mm T3 Torx screws on the black battery cable cover at the bottom of the phone with a screwdriver by turning counterclockwise.
- Remove the single black 3.5 mm T3 Torx screw on the black battery cable cover at the bottom of the phone with a screwdriver by turning counterclockwise.

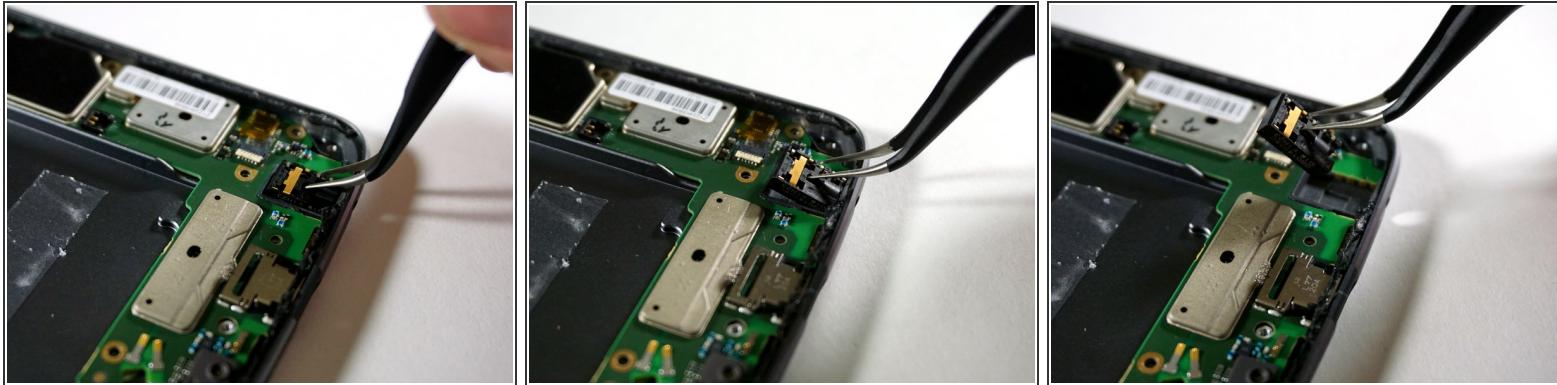
(i) It is helpful to keep screws on a magnetic surface to avoid losing them.

Step 20



- Lift the battery cover with tweezers starting on the right side slightly to dislodge the cover.
- Lift the battery cover with tweezers from the left side slightly to dislodge the cover.
- Remove the battery cover with tweezers by solidly gripping the left side of the cover and lifting up.

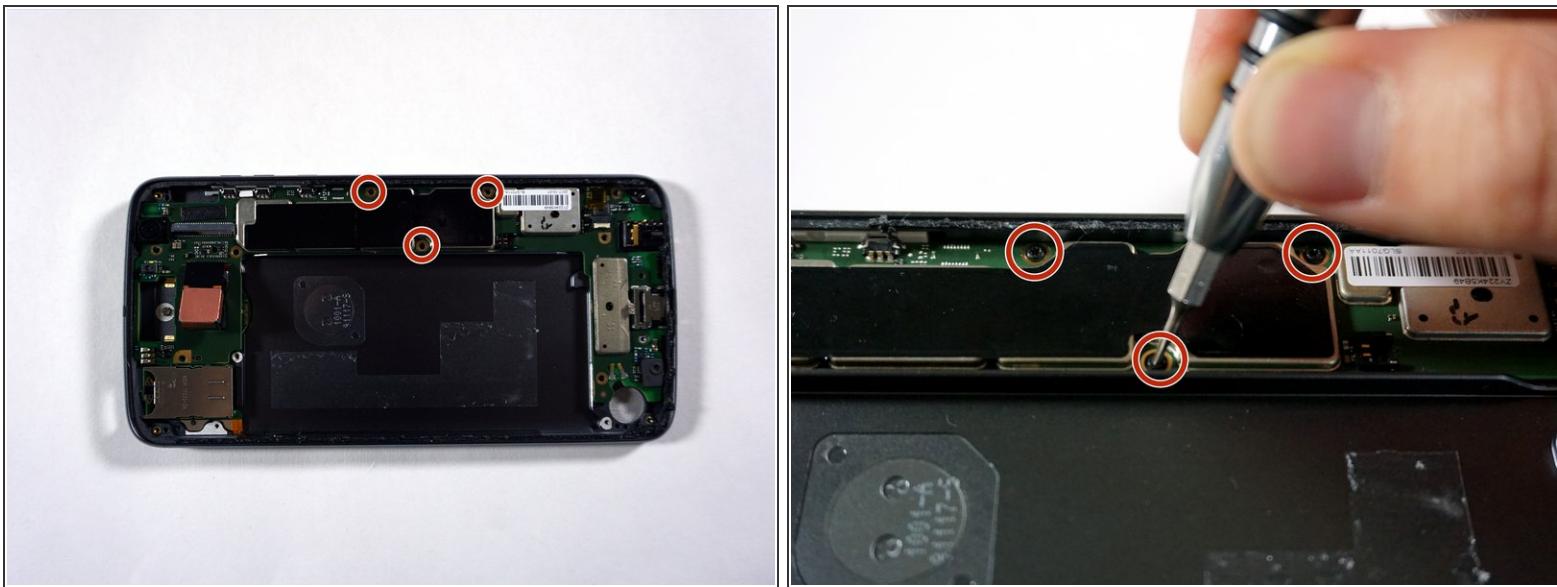
Step 21



- Tilt the front of the black audio jack up with tweezers.
- Lift the audio jack out of its housing with tweezers.

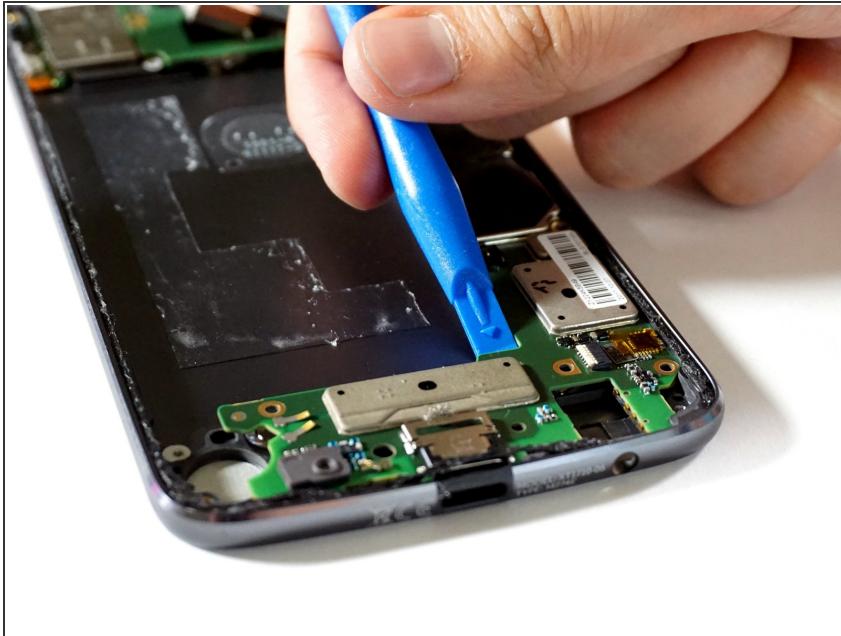
(i) Little force is required to remove the audio jack.

Step 22 — Motherboard



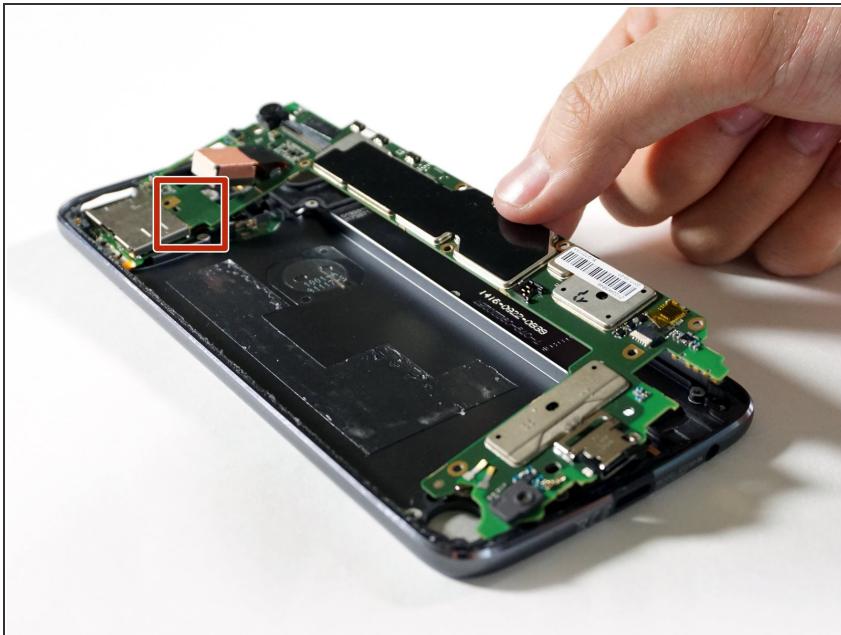
- Remove the three black 2.6 mm T3 Torx screws on the motherboard panel at the side of the phone with a screwdriver by turning counterclockwise.

Step 23



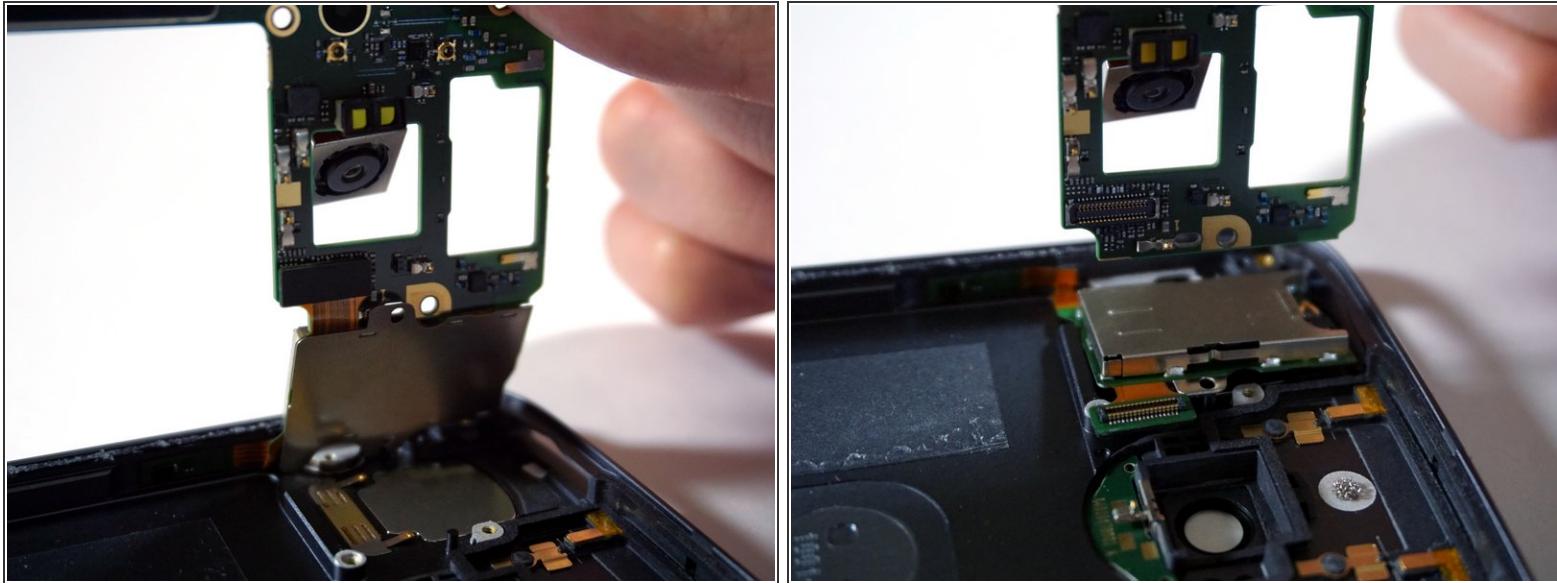
- Place a plastic opening tool under the edge of the motherboard.

Step 24



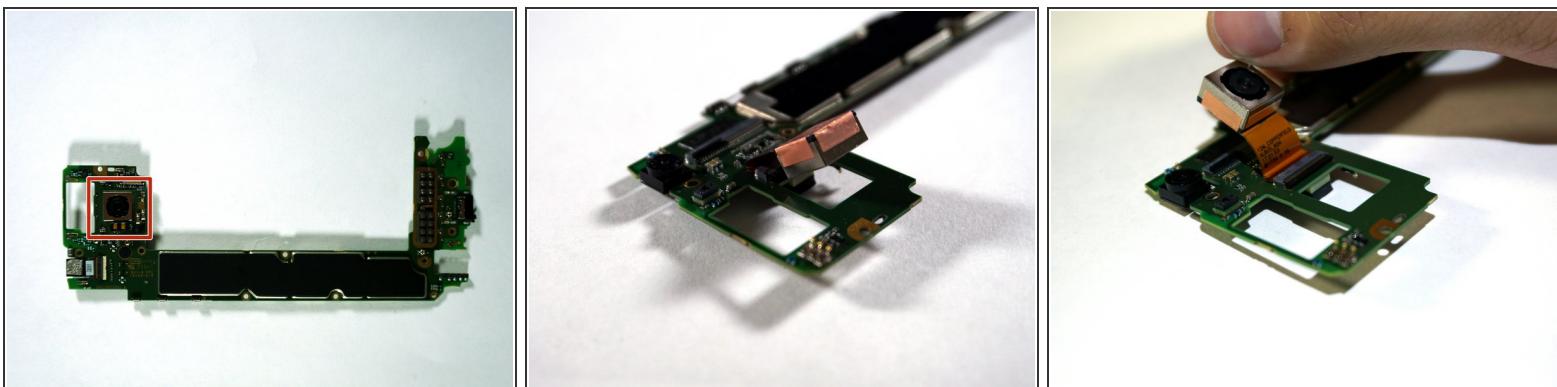
- Lift the motherboard from the right edge like a book towards the left.
- Identify the connector on the top left of the device.

Step 25



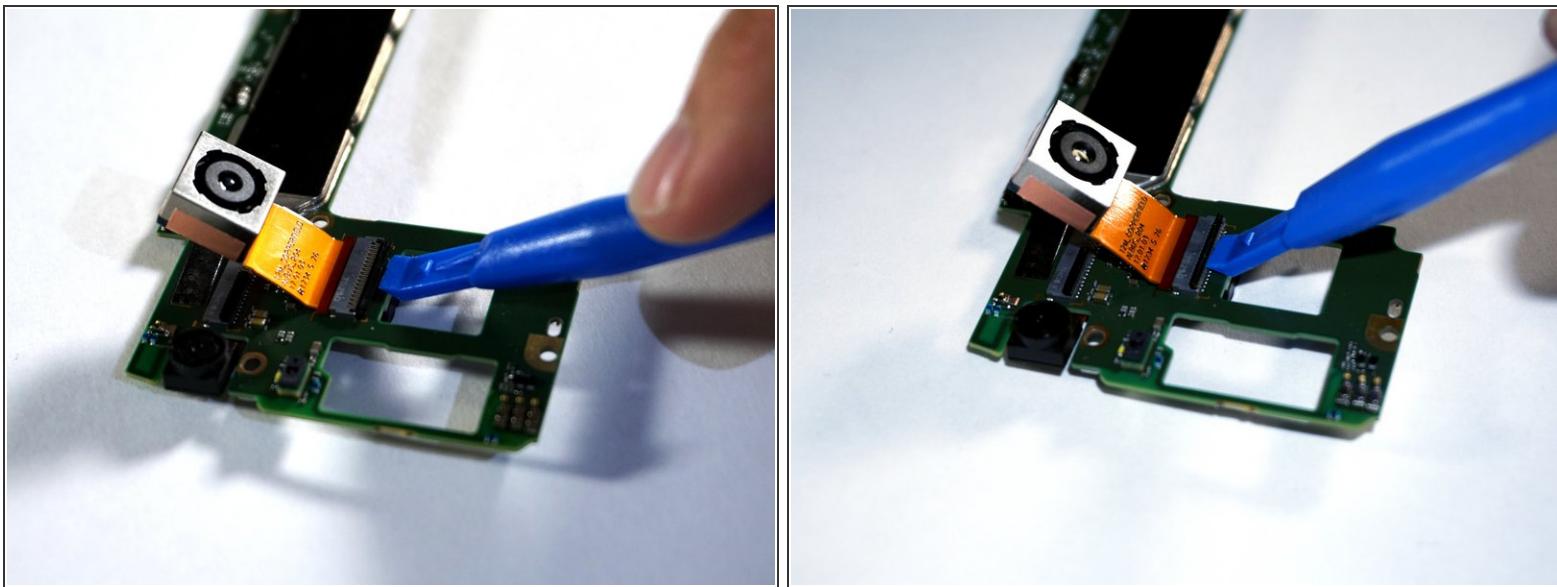
- Detach the connection on the bottom of the motherboard.

Step 26 — Rear-Facing Camera



- Flip over the motherboard so the rear-facing camera and its ribbon can be seen.
- Bend the camera back to reveal its ribbon-wire port.

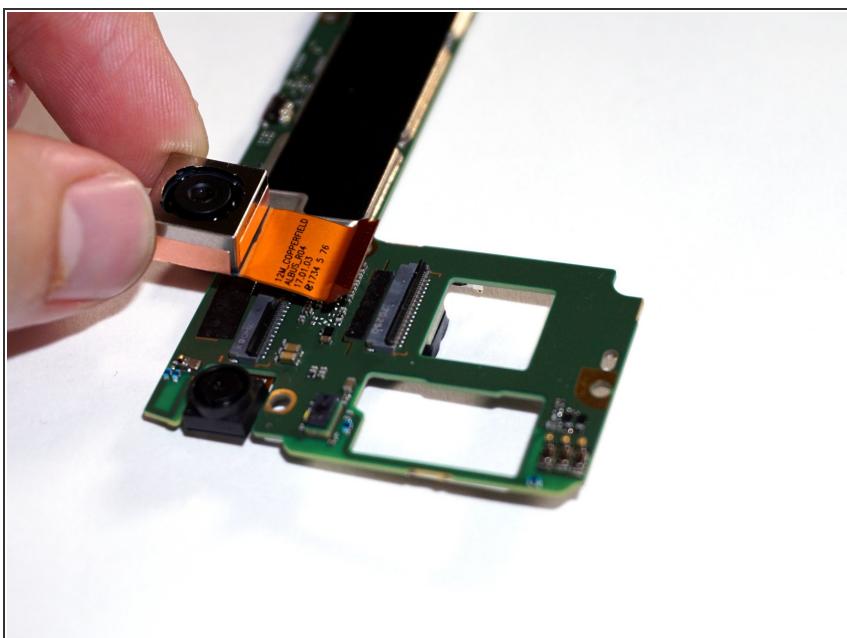
Step 27



- Lift the locking bar on the ZIF connector that is under the rear facing camera with a plastic opening tool.

(i) You can also use a spudger to complete this step.

Step 28



- Pull out the ribbon connector for the rear-facing camera.

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