



Xiaomi Redmi Note Screen Replacement

The following guide shows how to remove the screen from the Xiaomi Redmi Note.

Written By: Zongyi Li



INTRODUCTION

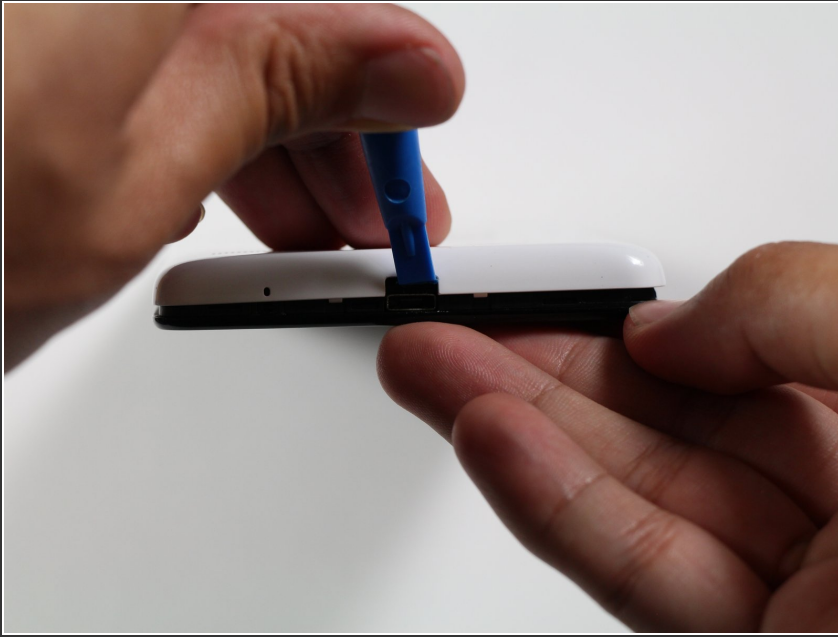
If your screen is unresponsive, has dead pixels, or is cracked, this guide will show you how to replace it. Removing the screen requires use of a heat gun to melt the adhesive holding the screen to the frame.



TOOLS:

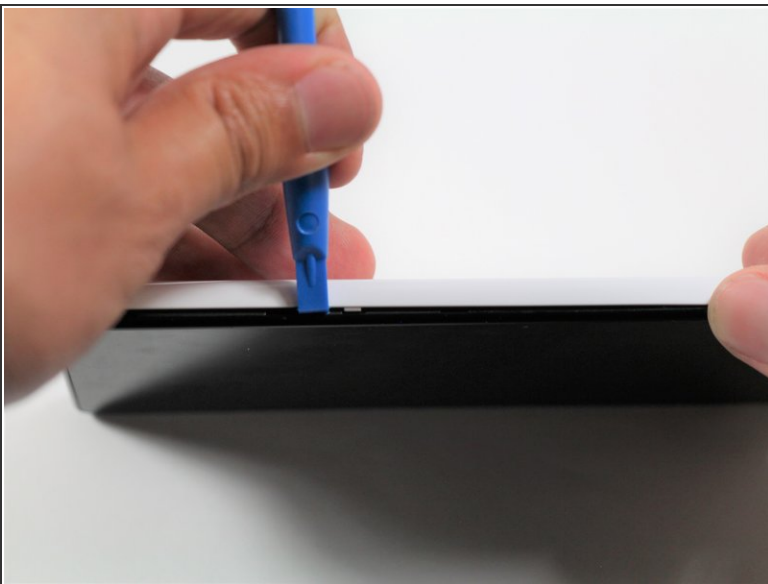
- [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Heat Gun](#) (1)
-

Step 1 — Battery



- ❗ Make sure the Xiaomi Redmi Note is powered off before removing the battery.
- Insert the plastic opening tool between the charging port and the rear case.
- Pry the end of the rear case up from the charging port.

Step 2



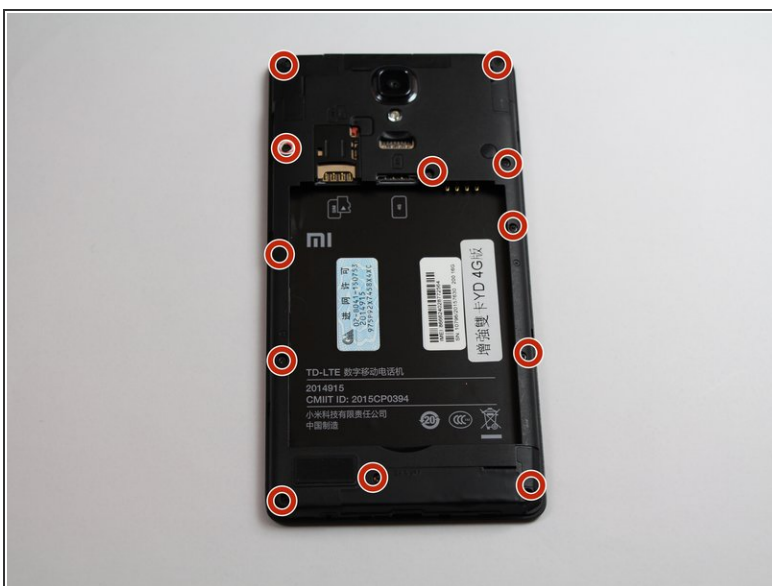
- Run the plastic opening tool along the seam on the side of the phone to remove the rear casing.

Step 3



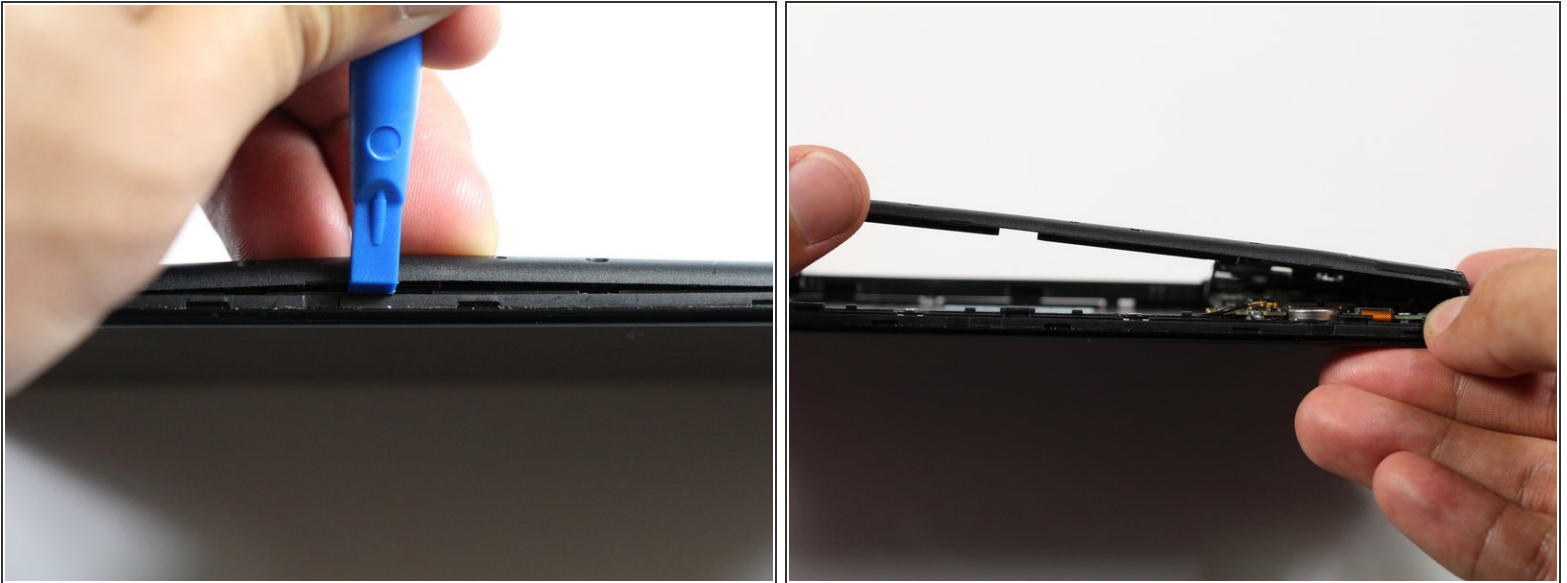
- Locate the indentation at the bottom of the battery.
- Place a finger in the indentation and lift up to remove the battery.


Step 4 — Midframe



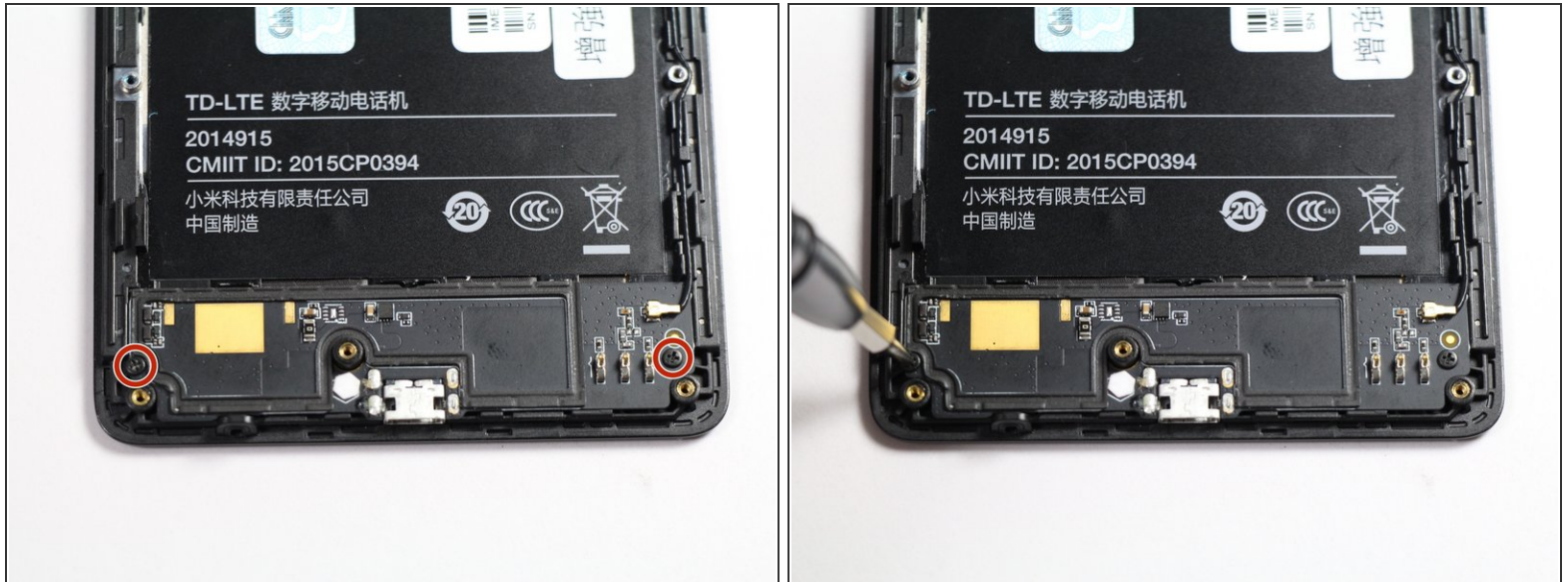
- Remove twelve 3.5mm Phillips #00 screws from the midframe.

Step 5



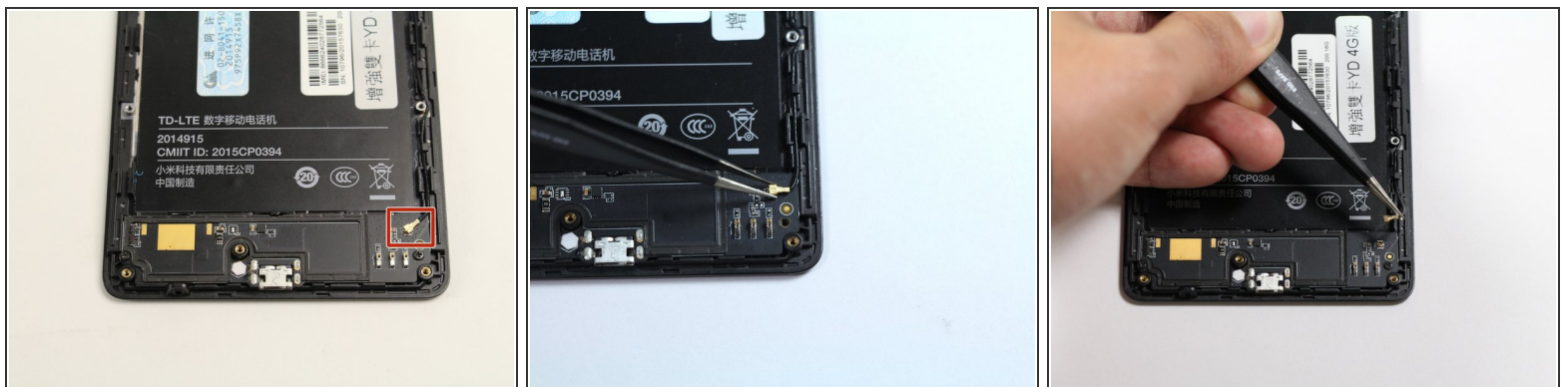
- Insert a plastic opening into the seam between the midframe and the bottom frame of the phone.
 - Run the plastic opening tool along the seam.
 - Pry up the midframe with the plastic opening tool.
 - Once the midframe has been sufficiently lifted with the tool, place a hand underneath the edge to lift the entire component out of the frame.
-  There will be snapping sounds as the clips on the midframe disconnect from the phone.

Step 6 — Charging Port



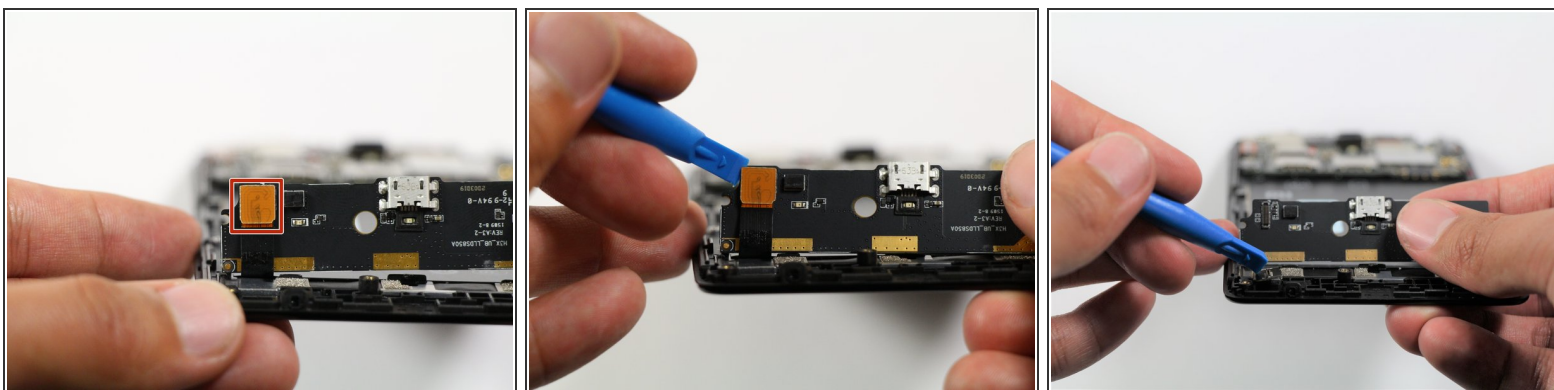
- Locate the charging port panel at the bottom of the device.
- Remove the 2.9 mm Phillips #00 screws on the sides of the panel.

Step 7



- Locate the antenna cable at the top right corner of the charging port.
- Lift the antenna cable off of the panel with tweezers.

Step 8



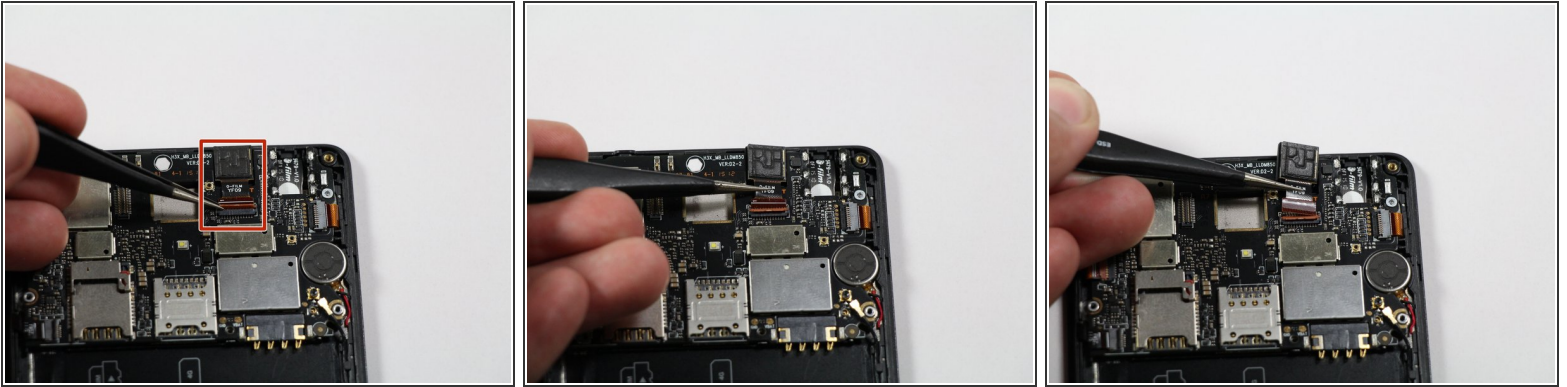
- Flip the panel to its back side, but do not fully lift it off of the phone yet.
- Use a plastic opening tool to gently pry off the press fit connector attached to the back side of the panel.

Step 9



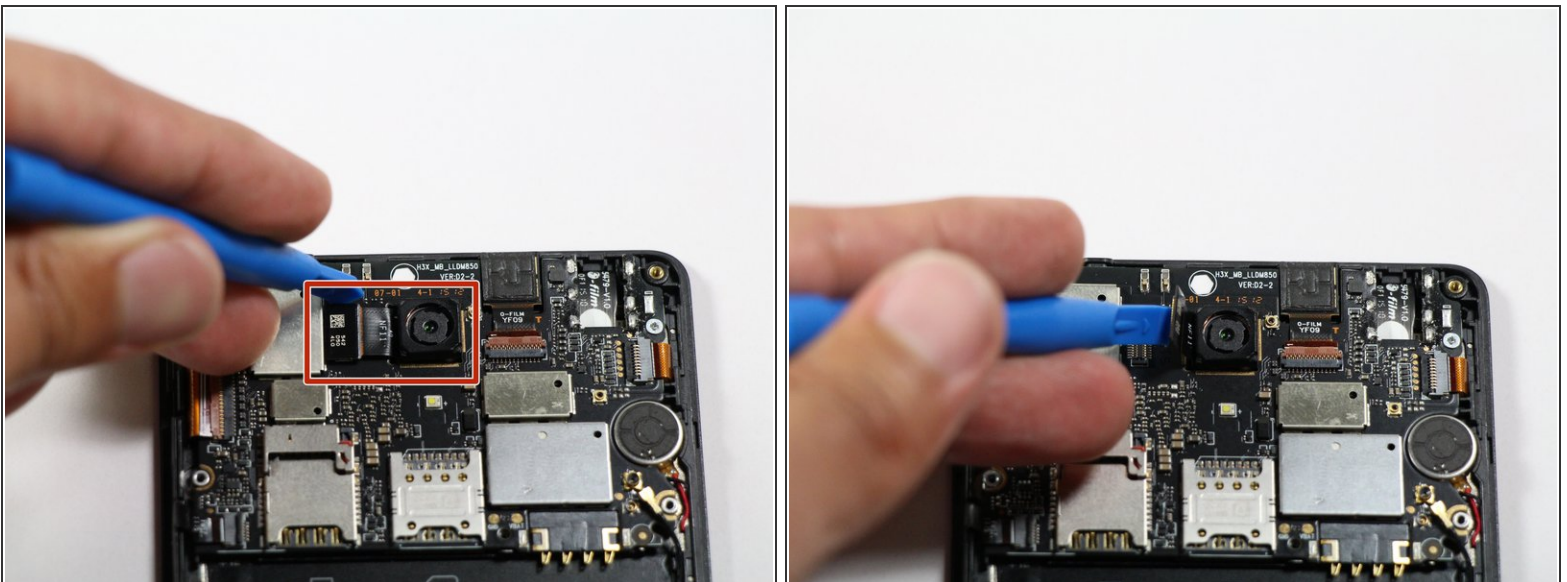
- Lift the charging port up to remove it from the frame.

Step 10 — Front-Facing Camera



- Use tweezers to lift the retaining flap of the zero insertion force (ZIF) connector to the upright position.
- Use tweezers to pull the ribbon cable out of the ZIF connector.
- Remove the front-facing camera from the motherboard.

Step 11 — Rear Camera



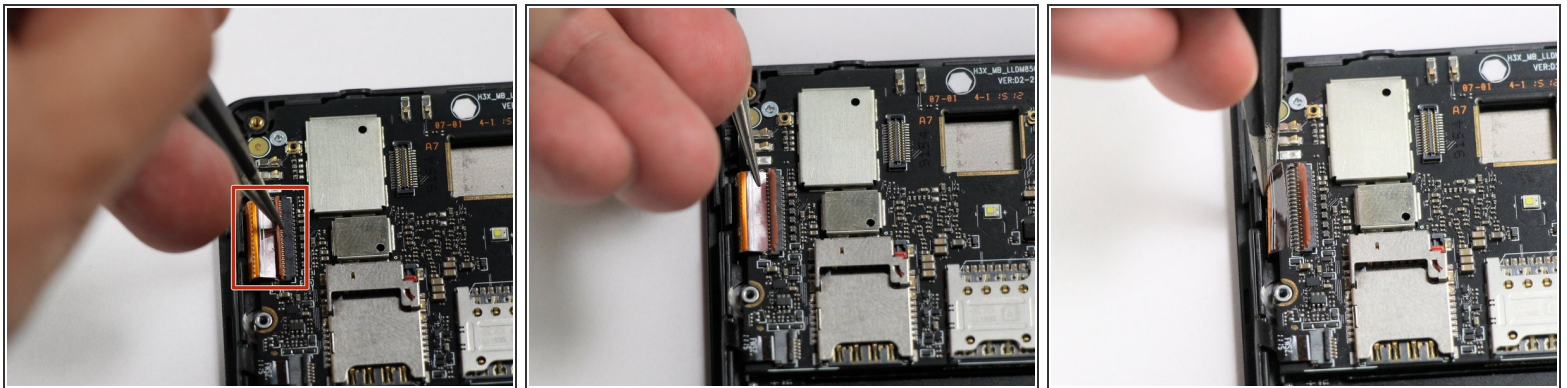
- Disconnect the rear-facing camera from the motherboard by pulling out the press-fit connector to its left.

Step 12 — Motherboard



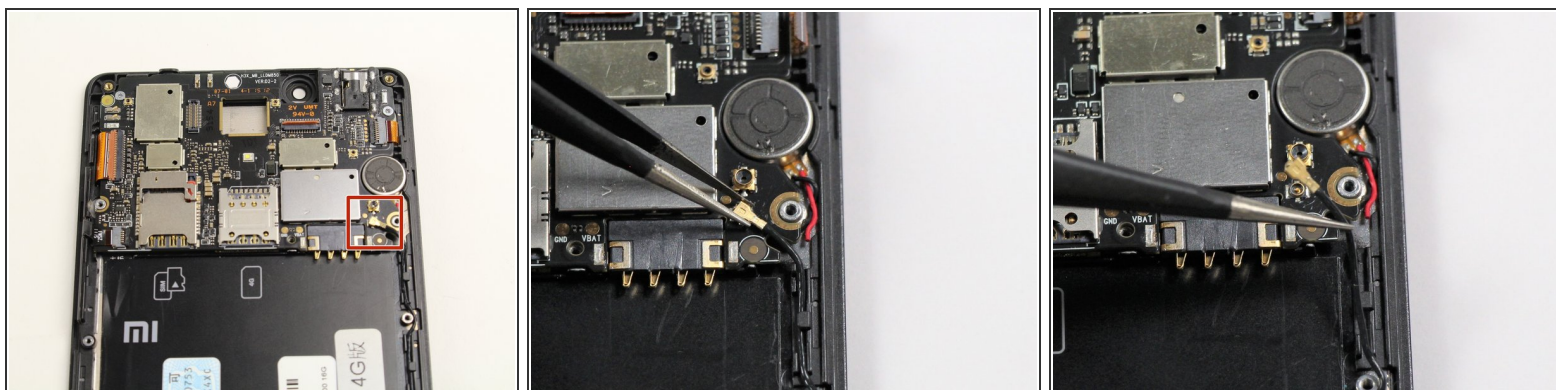
- Locate the three ZIF connectors on the motherboard.

Step 13



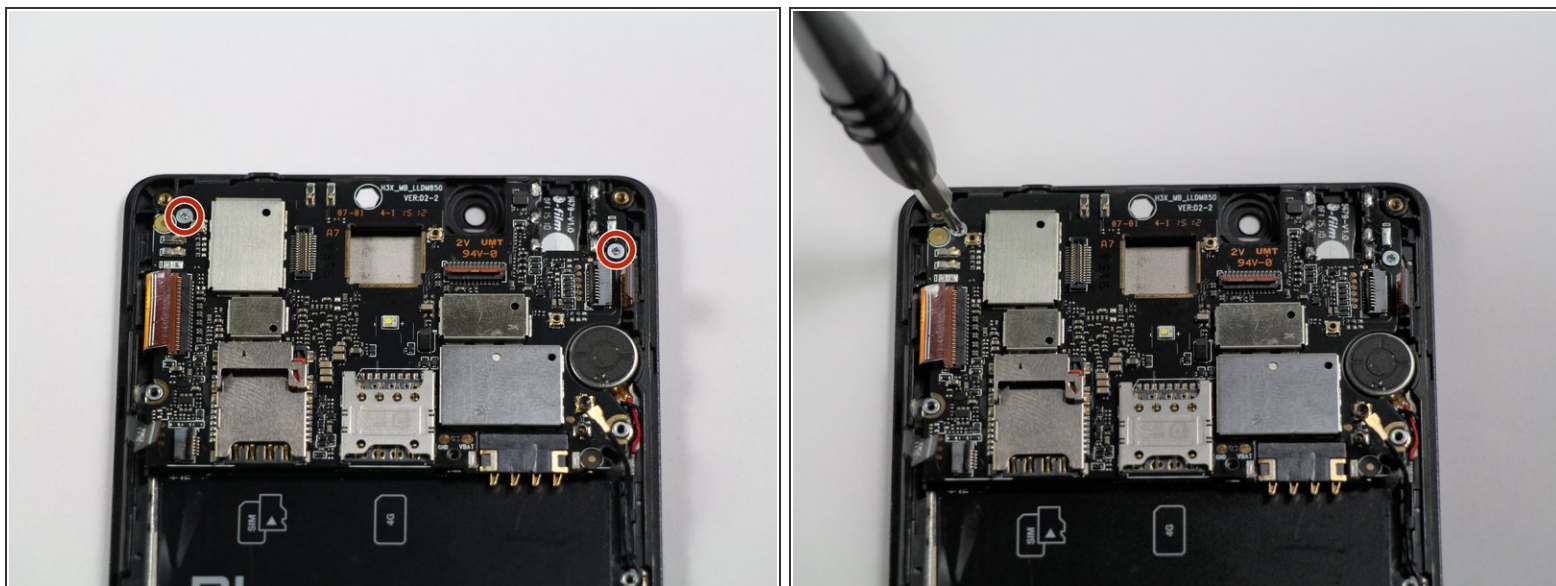
- Use tweezers to lift the retaining flap on the ZIF connector to the upright position.
- Pull the ribbon cable out of the connector by pulling to the left.
- Repeat these steps for the other two ZIF connectors.

Step 14



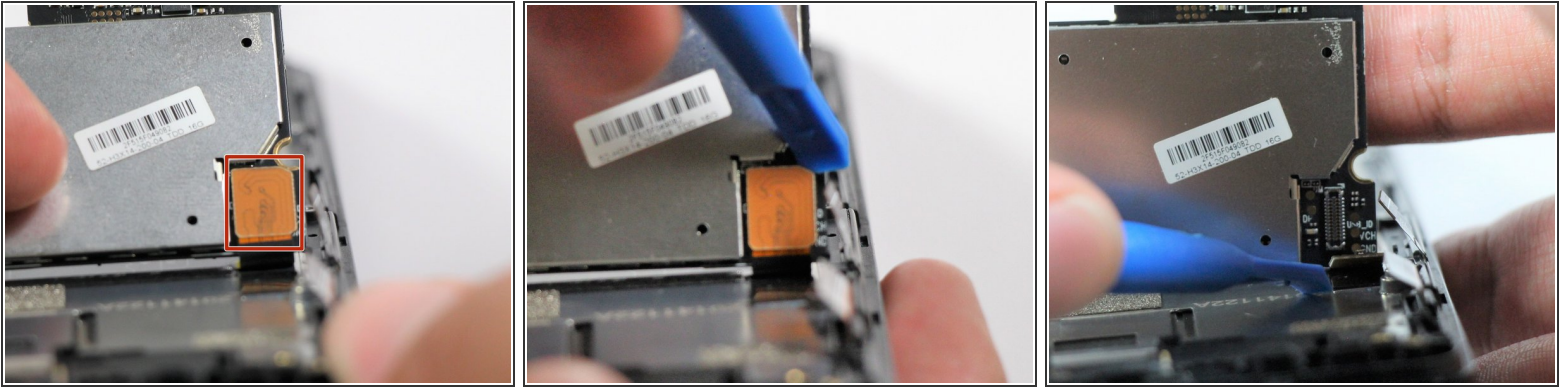
- Locate the antenna cable on the bottom right of the motherboard and use tweezers to lift the cable off of the motherboard.

Step 15



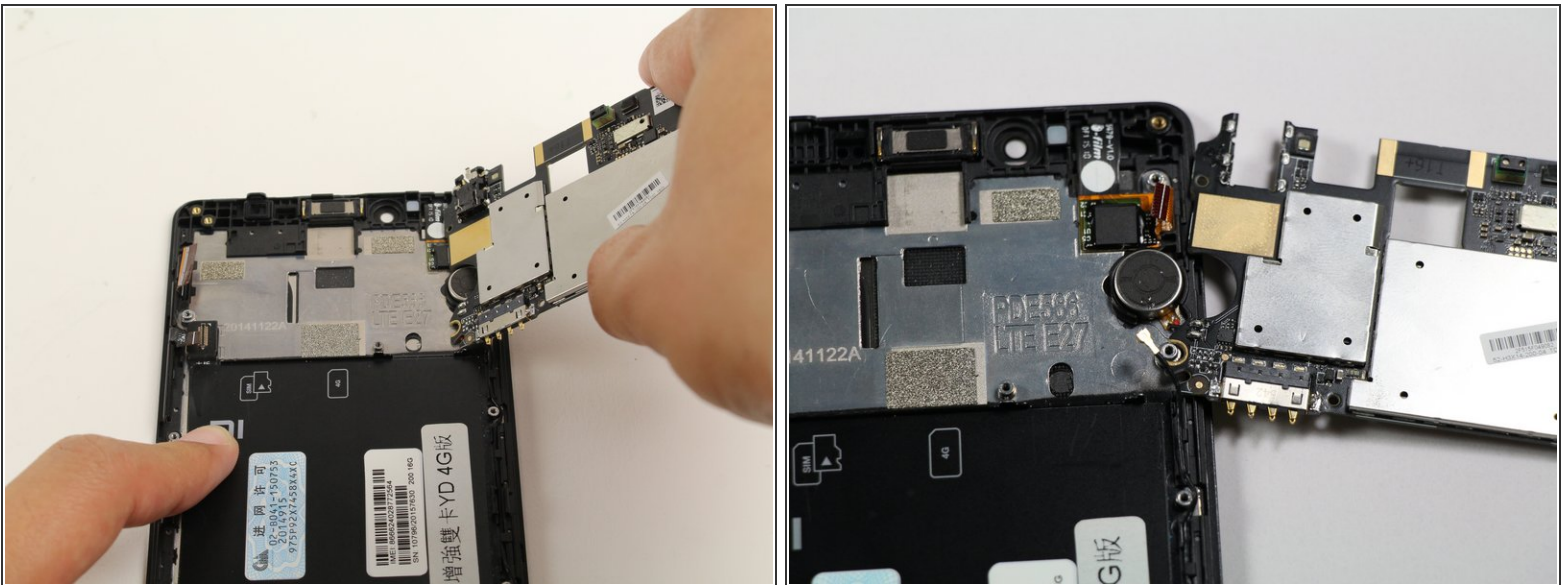
- Remove the two 2.9mm Philips #00 screws.

Step 16



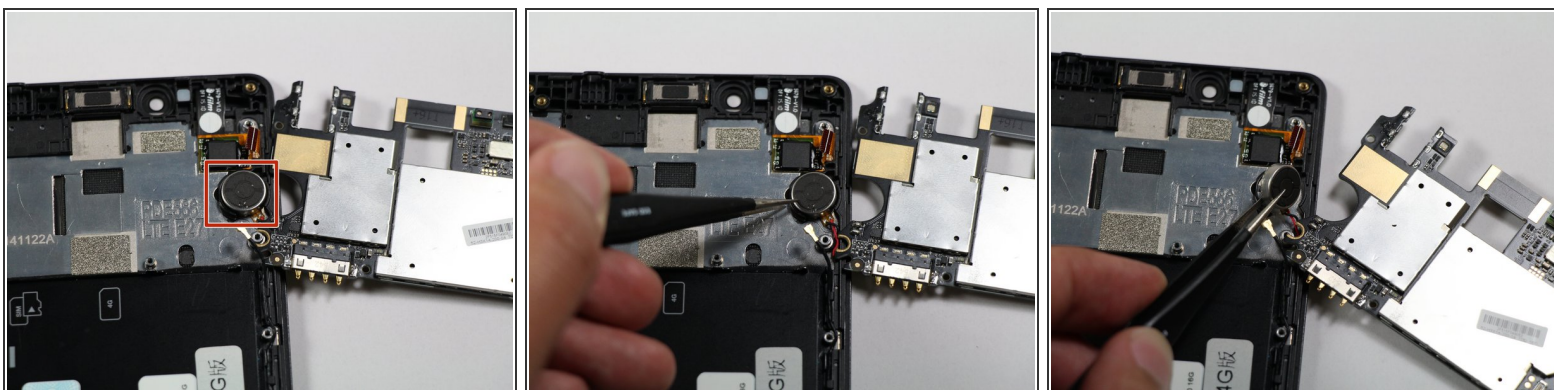
- Flip over the motherboard to reveal the back.
- Use a plastic opening tool to pry off the snap fit connector, located on the bottom right off of the motherboard.

Step 17



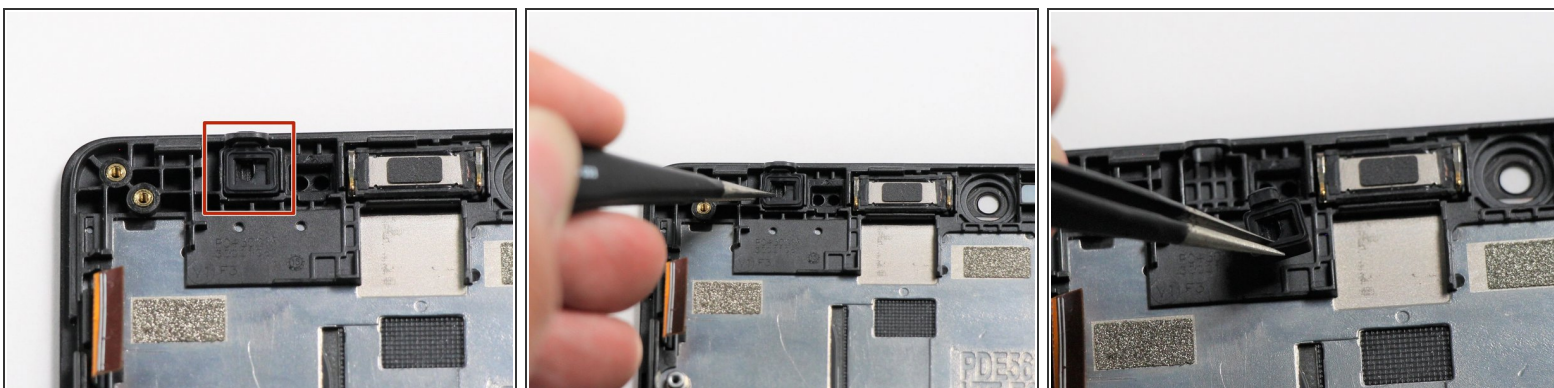
- Lift up the motherboard and turn it over to place it by the side of the phone.
- ⚠ Do not attempt to remove the motherboard at this stage. Pulling on the board can damage its connection to the vibrating motor.

Step 18



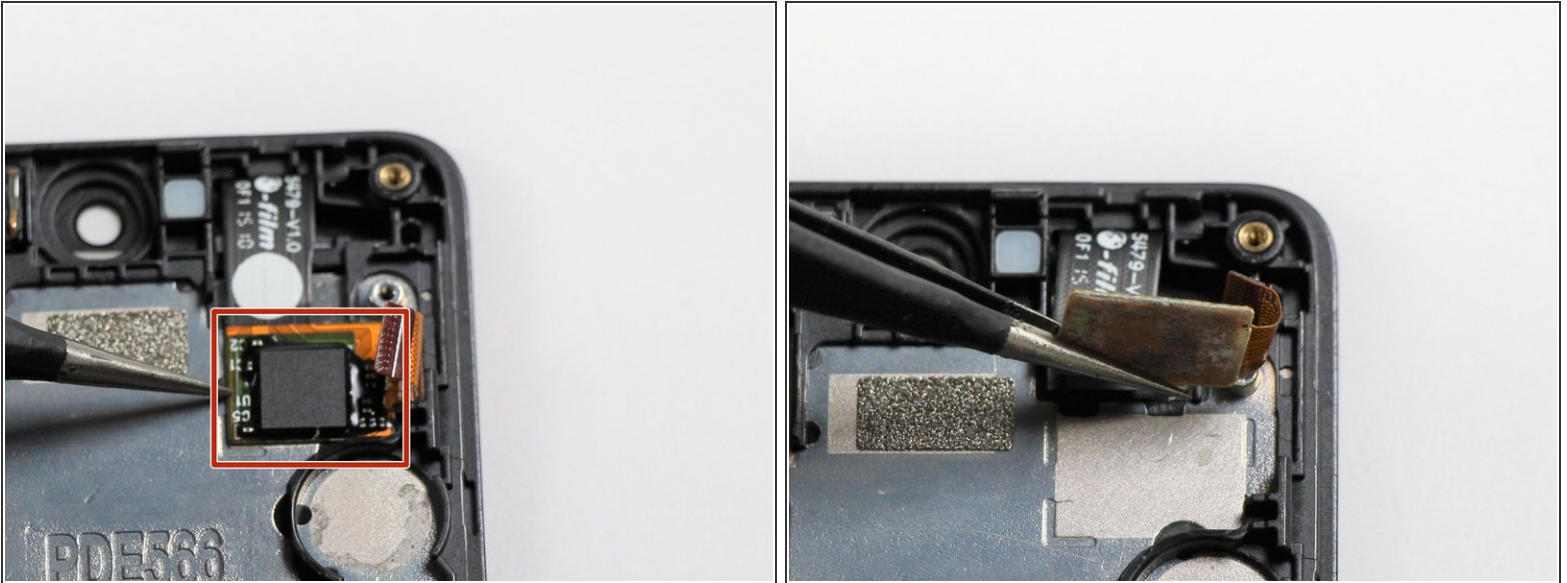
- Use tweezers to peel the vibrating motor off the frame of the phone.
- ⓘ The vibrating motor is glued to the frame, so do not be afraid to use force to dislodge it.

Step 19 — Screen



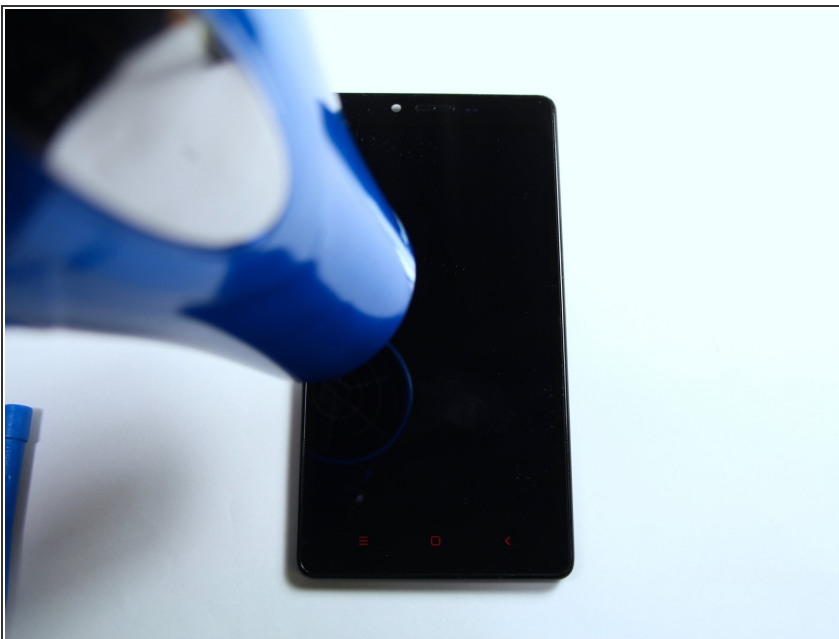
- Use tweezers to pull out the rubber proximity sensor from the top left of the frame

Step 20



- Use tweezers to peel off the screen ribbon cable from the frame.
- ⓘ Do not be afraid to use a bit of force as the ribbon cable is glued onto the frame.

Step 21



- Heat up the surface of the screen using a heat gun or hair dryer for 20 minutes.
- ⓘ It is better to put the heat gun at a lower temperature and heat the screen up for a longer time to avoid damaging the frame.

Step 22



- Slightly flex the frame to insert a plastic prying tool between the screen and the frame.

Step 23



- Run the plastic opening tool around the seam between the screen and the frame until an opening can be seen.

Step 24



- Place a finger into the opening and continue peeling away the screen from the frame.
- ⚠ If the screen is cracked, avoid touching it. Instead, peel up from the metal underside of the screen to avoid getting cut.
- ⚠ Watch out for the ribbon cable that is fed through an opening in the top right corner of the frame. The screen will not come out unless the cable fits through the opening.

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