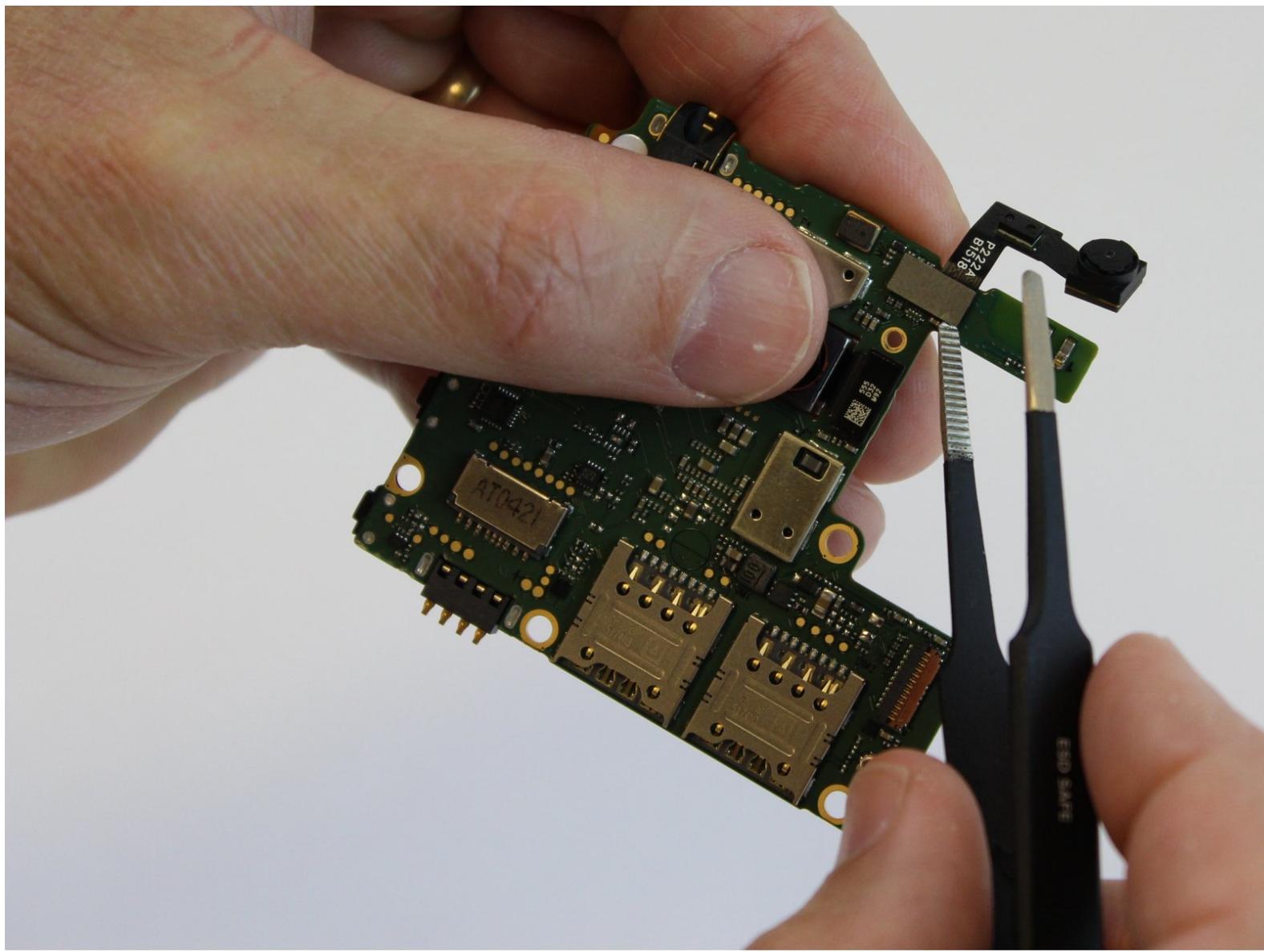




Xiaomi Redmi 2 Ambient Light Sensor Replacement

Replace the ambient light sensor in a Xiaomi Redmi 2.

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INTRODUCTION

Use this guide to remove the ambient light sensor in your Xiaomi Redmi 2 for repair or replacement.

TOOLS:

- [Spudger \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)
- [Tweezers \(1\)](#)

Step 1 — Motherboard



- Use the flat end of the spudger to remove the back panel from the mid-frame and front body.

Step 2



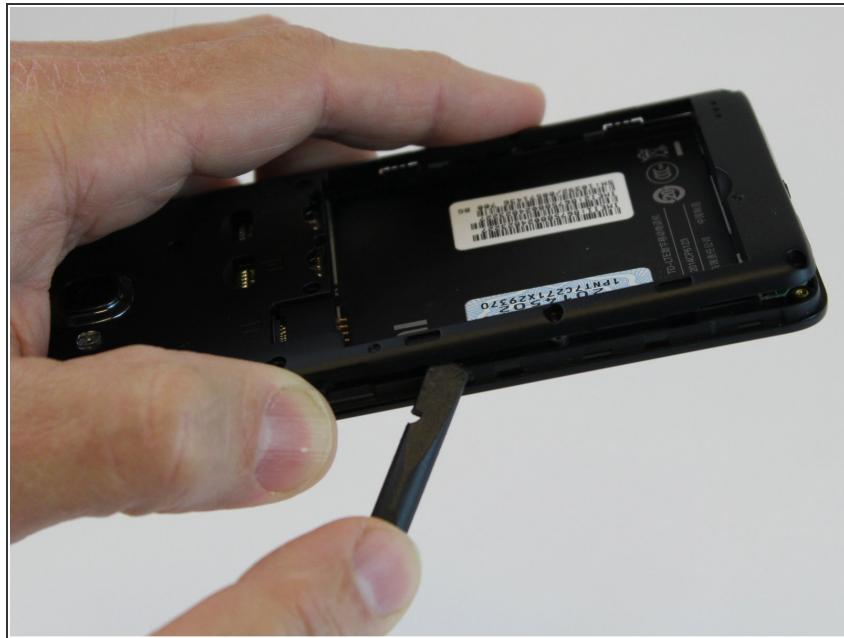
- Insert your finger into the curved opening of the mid-frame.
- Lift the battery and remove.

Step 3



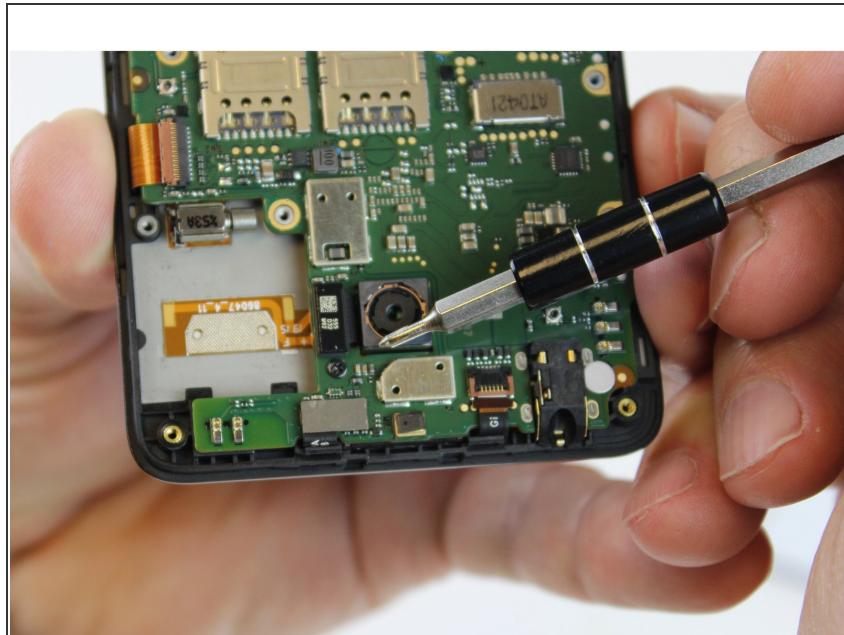
- ⓘ Remove the SIM and/or memory cards if present.
- Remove twelve 3.4 mm Phillips #000 screws securing the mid-frame to the front body.

Step 4



- Slide the spudger between the mid-frame and front body, gradually prying the two bodies apart as you slide the spudger around the perimeter of the phone.

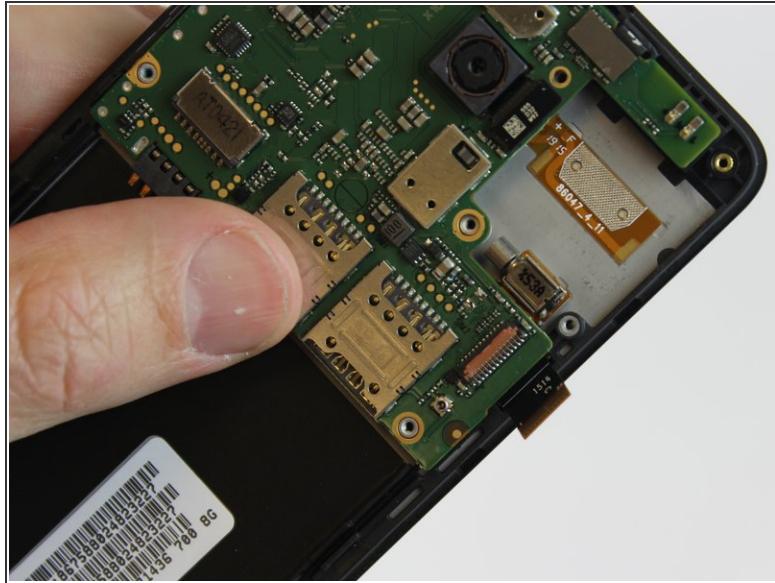
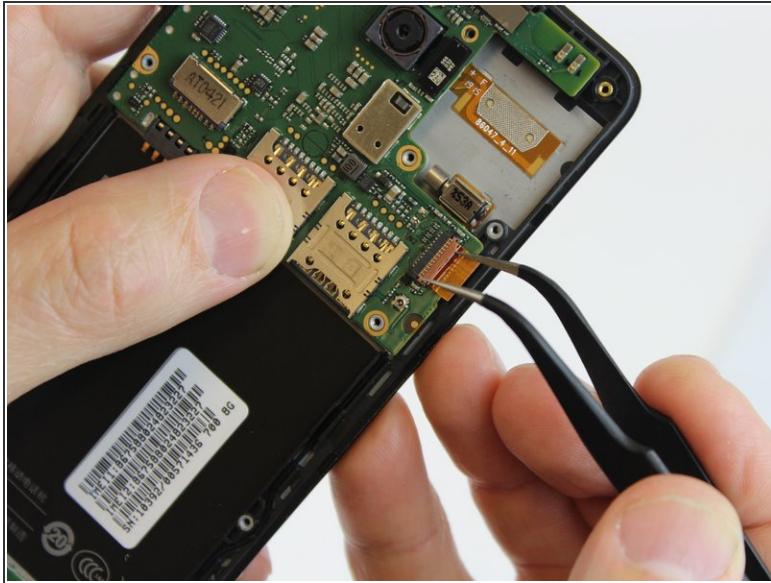
Step 5



- Remove the 3.4 mm Phillips #000 screw that holds the motherboard to the front body.

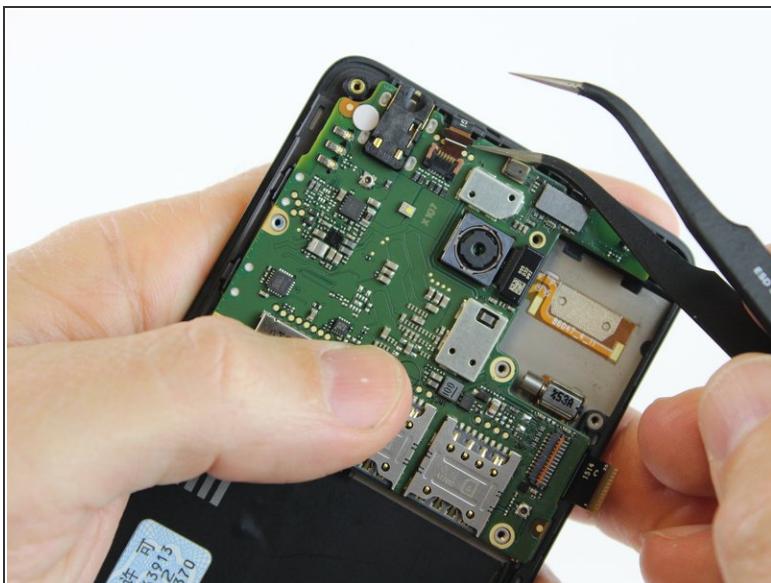
⚠ Keep this screw separate from the initial twelve.

Step 6



- Using one prong of the tweezers, pry back the brown clip located on top of the LCD ribbon connector.

Step 7



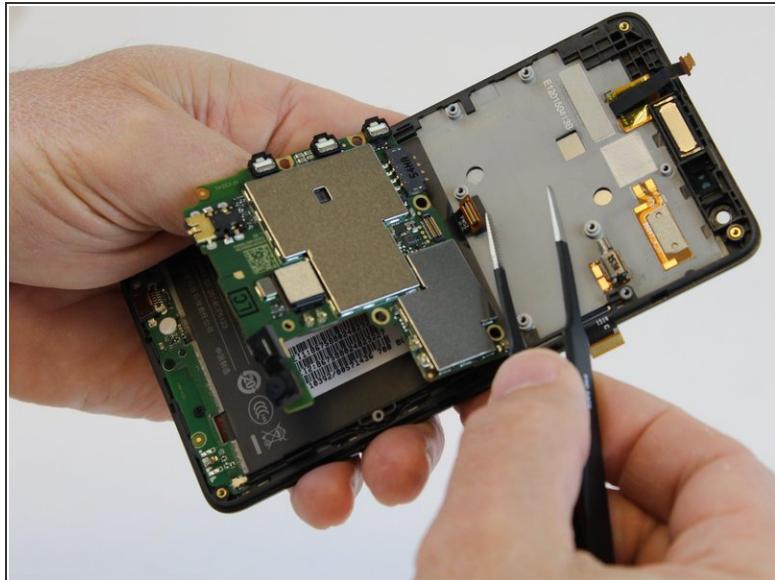
- Using one prong of the tweezers, pry the ribbon clip away from the motherboard.

Step 8



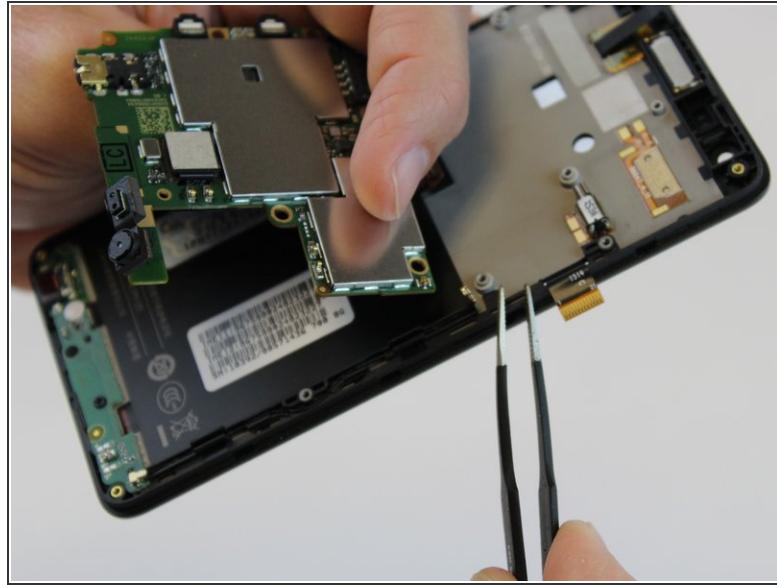
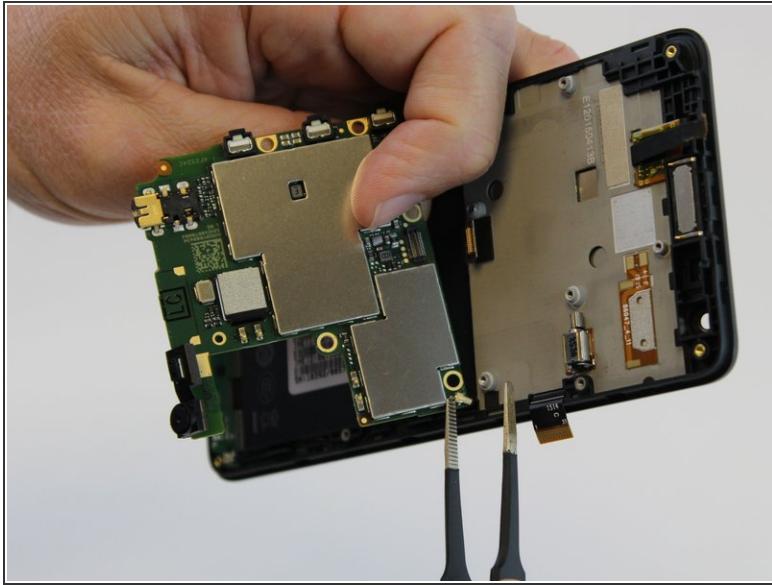
- Lift and hinge the motherboard with your fingers.

Step 9



- Using one prong of the tweezers, lift and pry back the metal clip positioned over the front proximity sensor ribbon connector.

Step 10



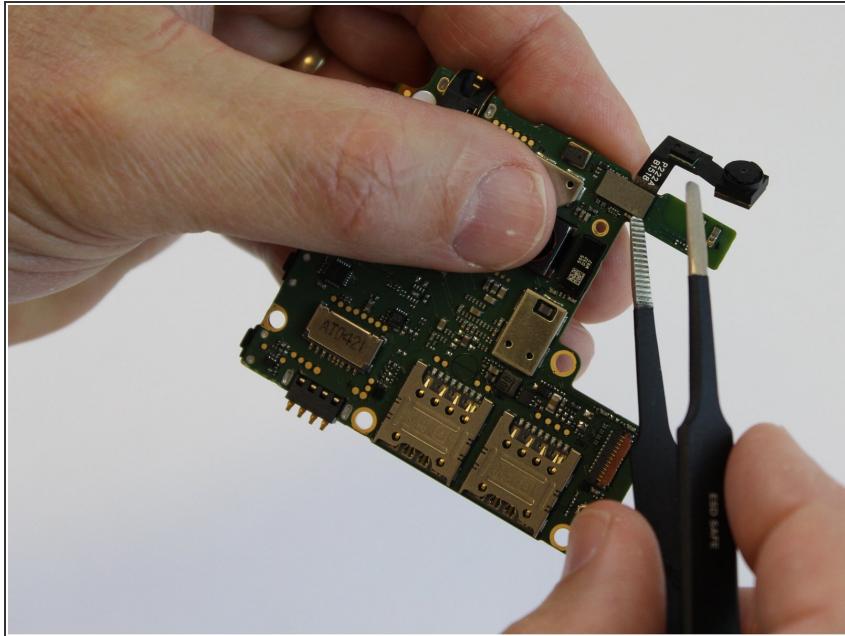
- Using the tweezers, pull the antenna connector from the motherboard.

Step 11



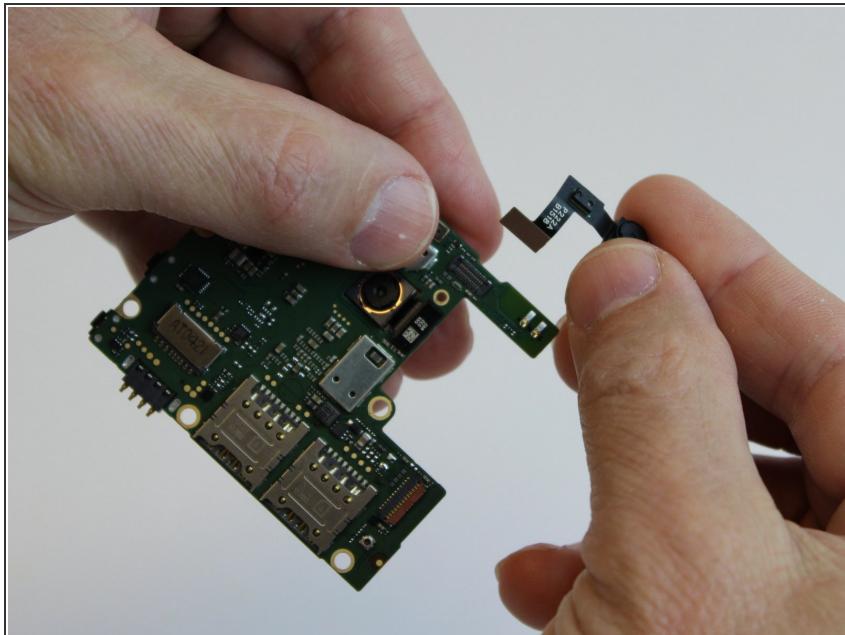
- Lift the motherboard out of the front cover and set aside.

Step 12 — Ambient Light Sensor



- Using one prong of the tweezers, lift and loosen the edge of the ambient light sensor from the motherboard.

Step 13



- Using your fingers, gently pull out the ambient light sensor.

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