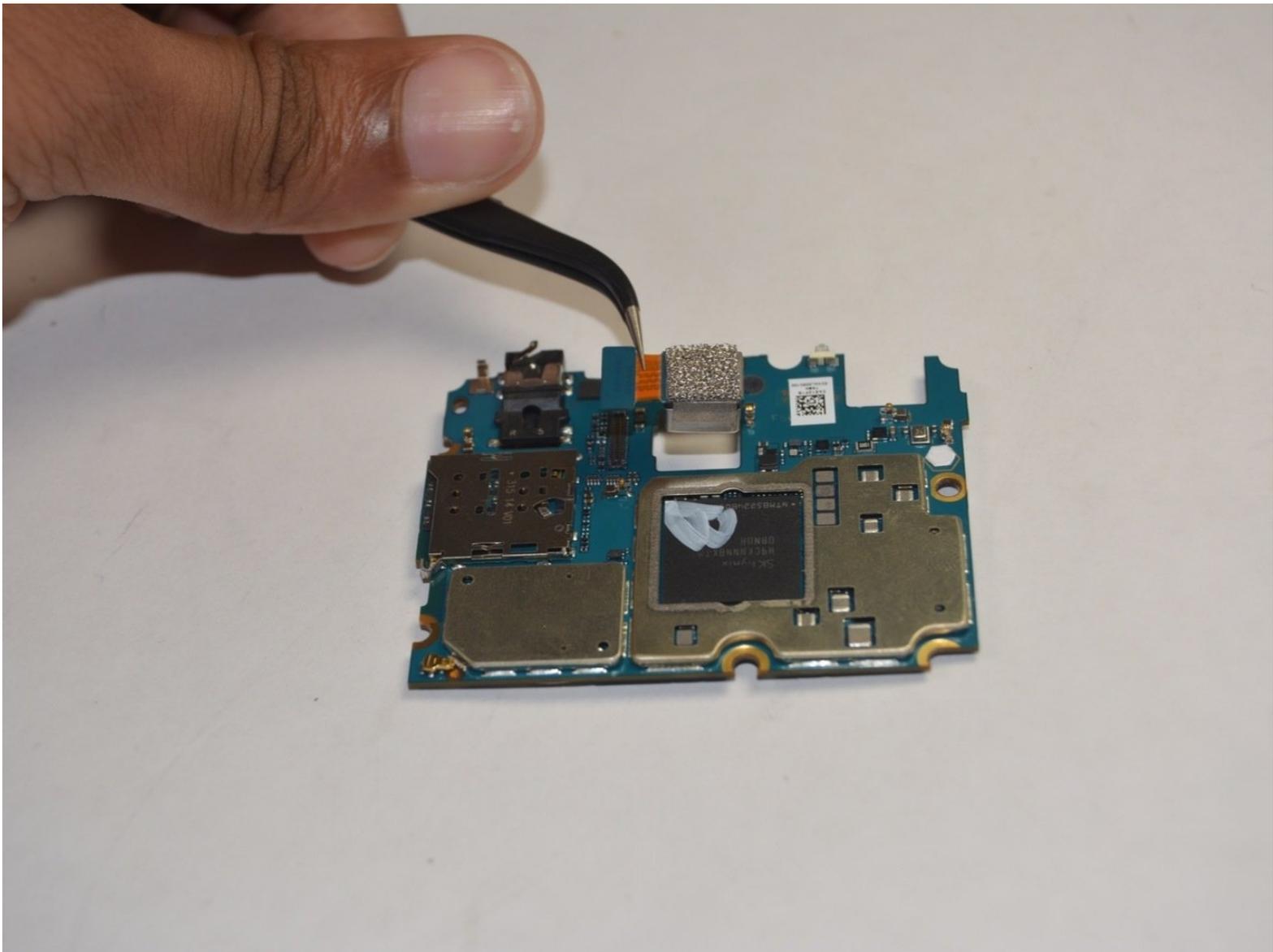




# Xiaomi Mi 4 Rear Facing Camera Replacement

The camera pointing out the back side of the phone will be detached from the motherboard.

Written By: William Pendergraft



---

## INTRODUCTION

This guide will require both opening the Xiaomi Mi 4 and detaching the motherboard. [This guide](#) will show how to remove the cover of the Mi 4

---

### TOOLS:

- [3.0 Phillip's Head Screwdriver](#) (1)
  - [Magnetic Project Mat](#) (1)
  - [Metal Spudger Set](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Suction Handle](#) (1)
  - [Tweezers](#) (1)
-

## Step 1 — Rear Case/Midframe



 Check to make sure that the device is powered off.

- Use a pin or paper clip to insert in the hole on the side of the phone next to the micro SIM cardholder to remove the tray.
- Remove the SIM card tray from the Xiaomi Mi 4 and store it somewhere safe.

## Step 2



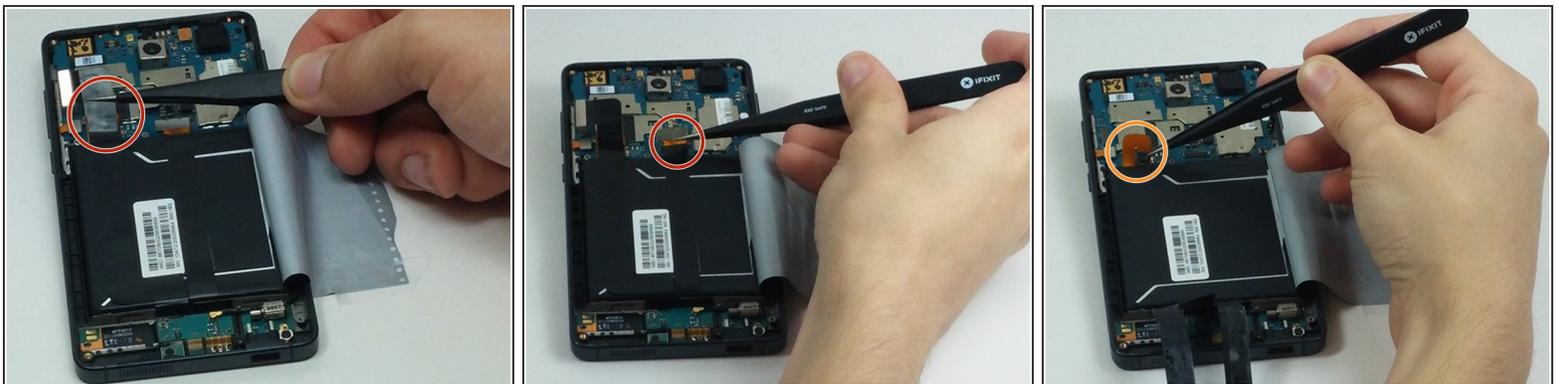
- Using the flat [metal spudger](#) and curved metal spudger, make a wedge between the plastic back cover and the inner frame
- Using the second spudger, slowly work your way around the perimeter of the device
- ⓘ Listen for clicking sounds as you are prying the back cover away from the frame
- As the back cover is almost completely removed, use the suction-cup tool to remove the plastic cover without damaging the back

## Step 3



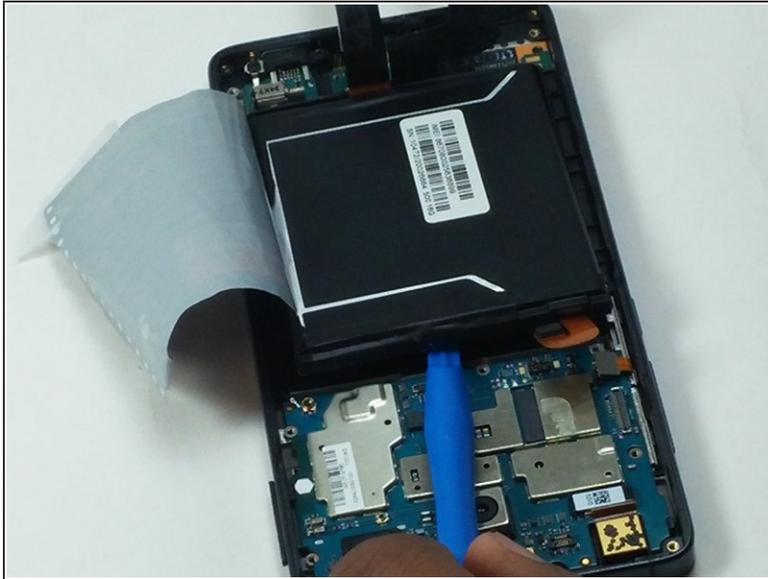
- Use a 000 phillips head screwdriver to remove the 10 1.2mm phillips head screws in the plastic frame that hold the motherboard and battery.
- Use a 000 phillips head screwdriver to remove the 3 0.5mm phillips head screws in the plastic frame that hold the motherboard and battery.
- Use the small plastic opening tool and place it in the slot on the bottom right corner of the inner frame and carefully pry it off.

## Step 4 — Battery



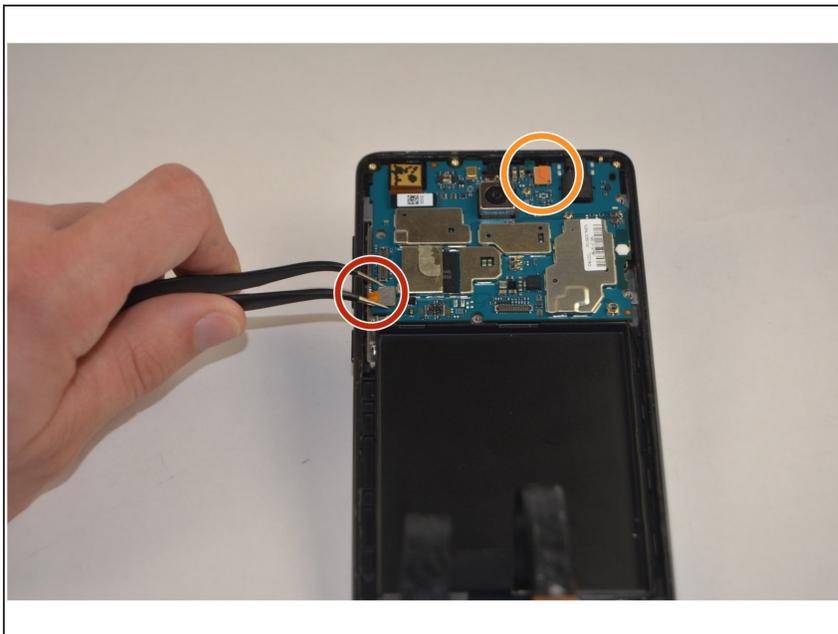
- Use tweezers to gently disconnect the connections that run across the battery and are connected to the motherboard.
- Proceed to gently remove the tape like connector from the battery until it is completely off.
- Use tweezers to disconnect battery's wire from the motherboard.

## Step 5



- Use the plastic opening tool to gently pry the battery out of its casing for removal.

## Step 6 — Motherboard



- With the battery removed locate the left-hand cable connected to the motherboard. With the tweezers,

firmly grasp the wires of the connector and gently disconnect the cable from the motherboard.

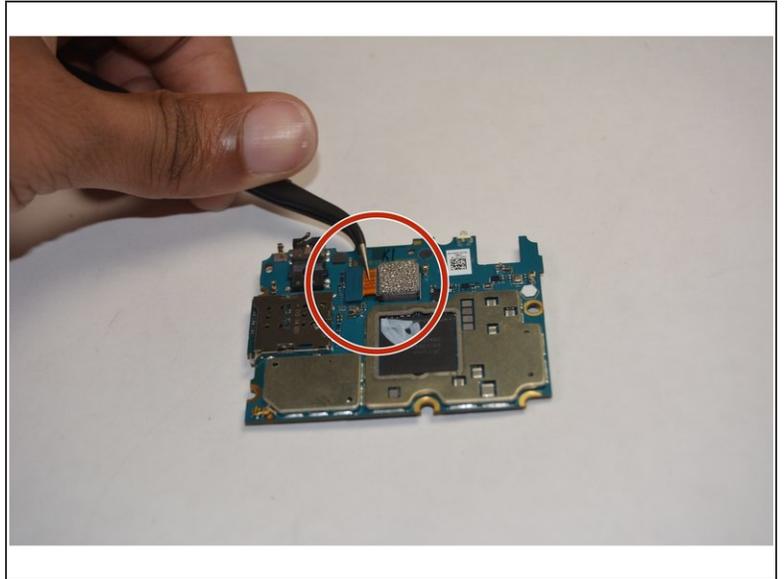
- Find the other cable connecting the motherboard to the device at the top right-hand side of the phone, and carefully use the tweezers to remove that as well.

## Step 7



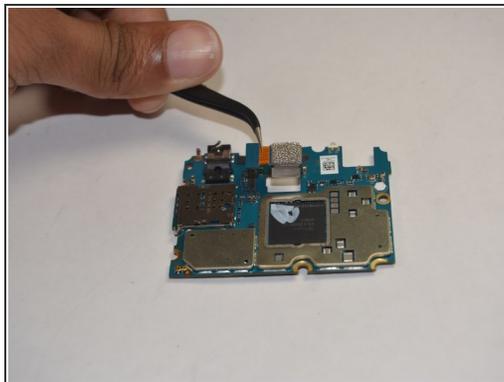
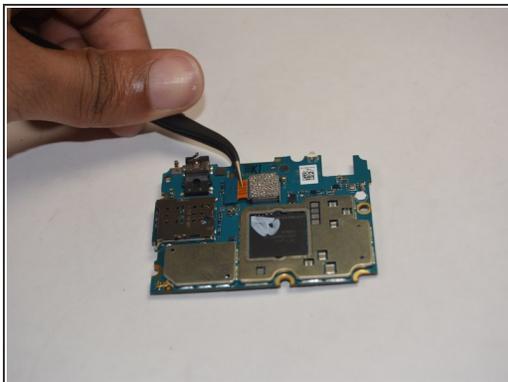
- Wedge the plastic opening tool, between the motherboard and the inner region of the phone in the slot atop the motherboard.

## Step 8 — Rear Facing Camera



- With the motherboard removed from the device, turn the motherboard over to face the obverse side.
- Locate the connector for the rear camera.

## Step 9



- Grasp the cable with the tweezers and gently pull up and away from the motherboard to disconnect it.

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