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## INTRODUCTION

In this guide you will learn how to replace a microphone in a HTC One Max.

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### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tri-point Y00 Screwdriver Bit](#) (1)



### PARTS:

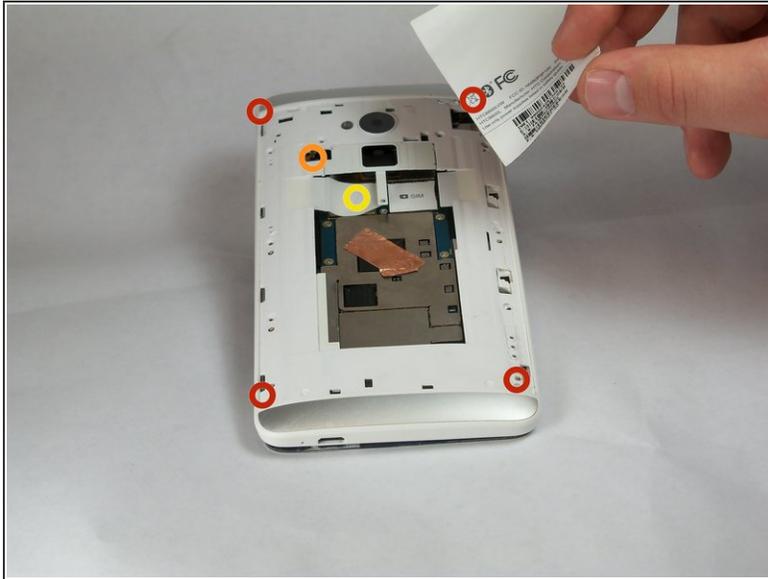
- [HTC One Max Battery](#) (1)
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## Step 1 — Back Case



- Lift back cover while pressing highlighted release switch towards the center of the phone.

## Step 2



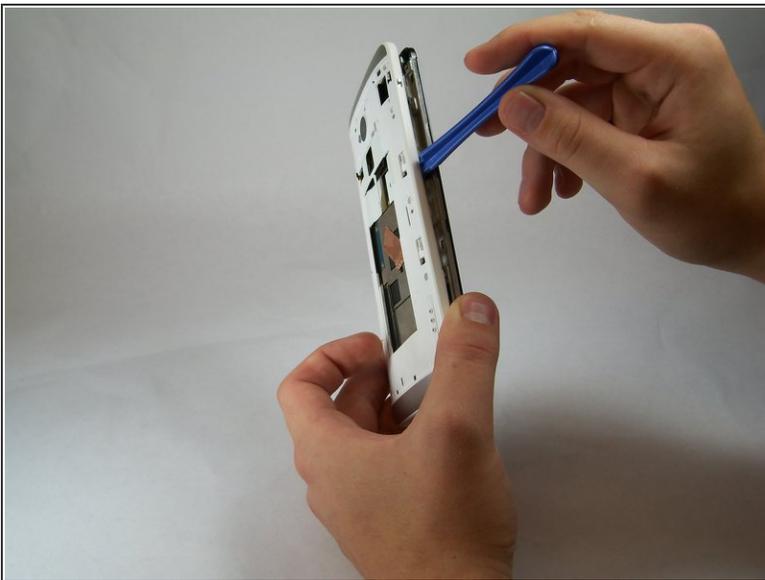
- Remove the four white stickers in each corner that cover the Tri-Wing screws.
- Remove the white sticker near the buttons that control the volume.
- Remove the white sticker near the SIM card.
- Remove the big white sticker with the bar-code in the center of the phone.

### Step 3



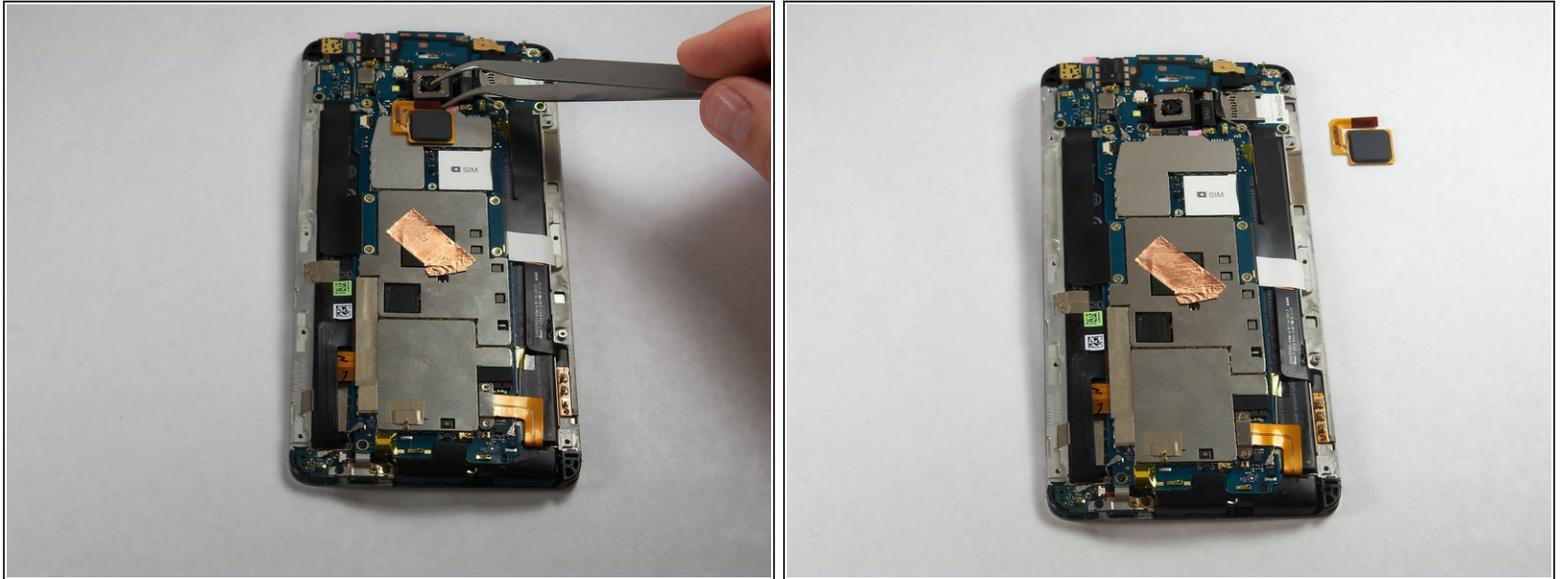
- Remove the thirteen Tri-Wing Y00 screws (Upper & Lower screws are 5 mm length, middle screws are 3.8 mm length) from the back case.
- Disconnect the cable near the volume buttons.

### Step 4



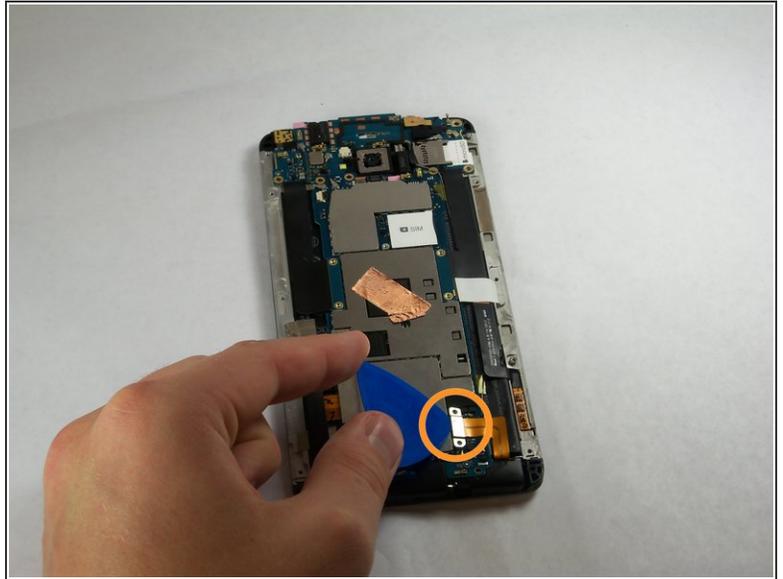
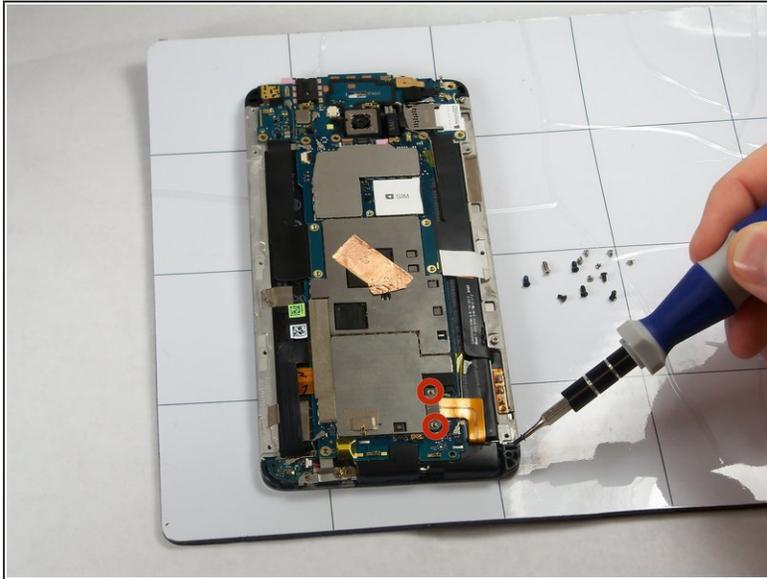
- Use the small plastic opening tool to pry between the screen and the rear case.

## Step 5 — Fingerprint Sensor



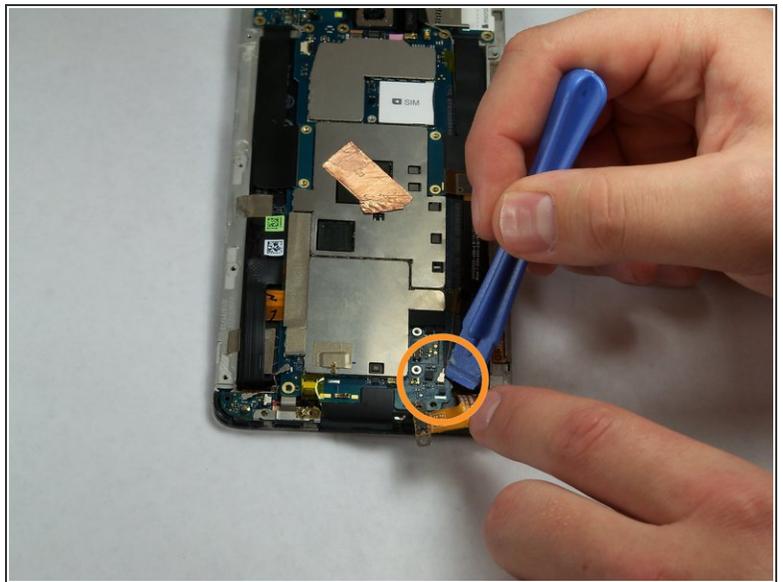
- Use Tweezers to disconnect the ribbon cable connecting the fingerprint sensor to the motherboard.
- When replacing the fingerprint sensor, make sure the ribbon cable snaps into the port on the motherboard.

## Step 6 — Motherboard



- Remove the two 2.2 mm Phillips #000 screws holding the battery cable.
- Use a plastic tool to remove the ribbon cable.

## Step 7



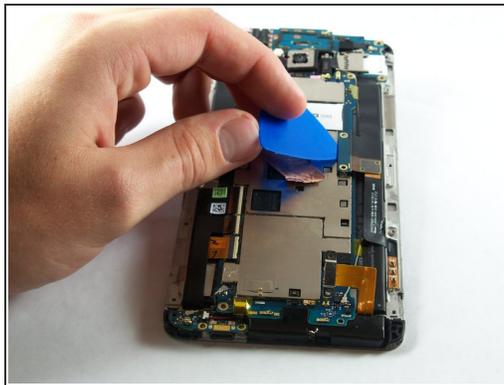
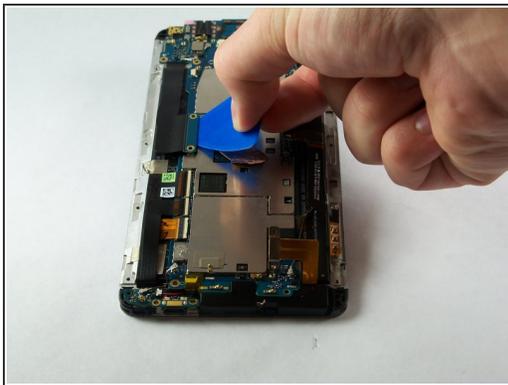
- Use the plastic opening tool to disconnect the two antenna wires at the top of the phone.
- Use the plastic opening tool to disconnect a third antenna wire at the bottom of the phone.

## Step 8



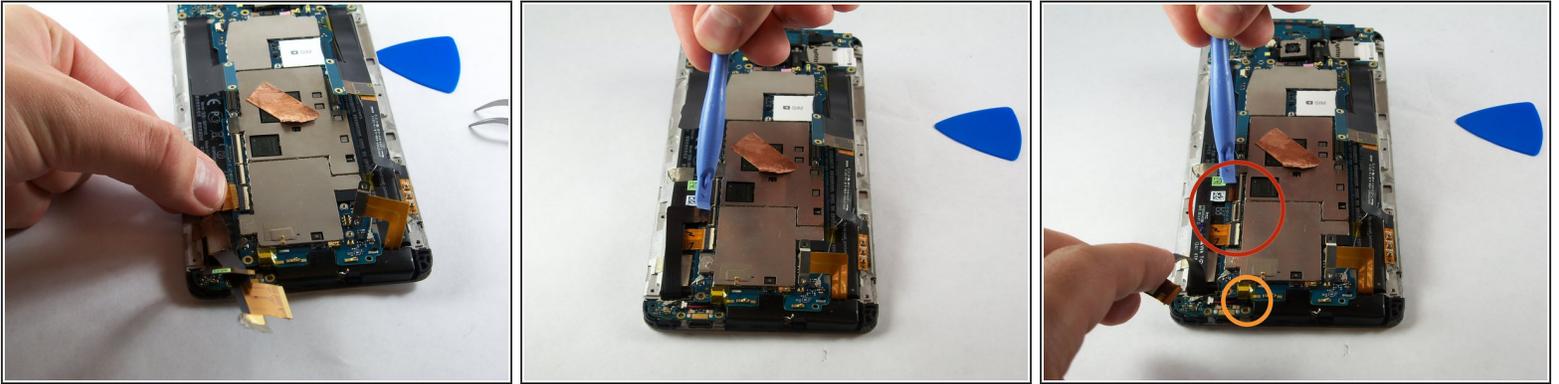
- Remove the seven 3 mm Phillips #000 screws from the motherboard.

## Step 9



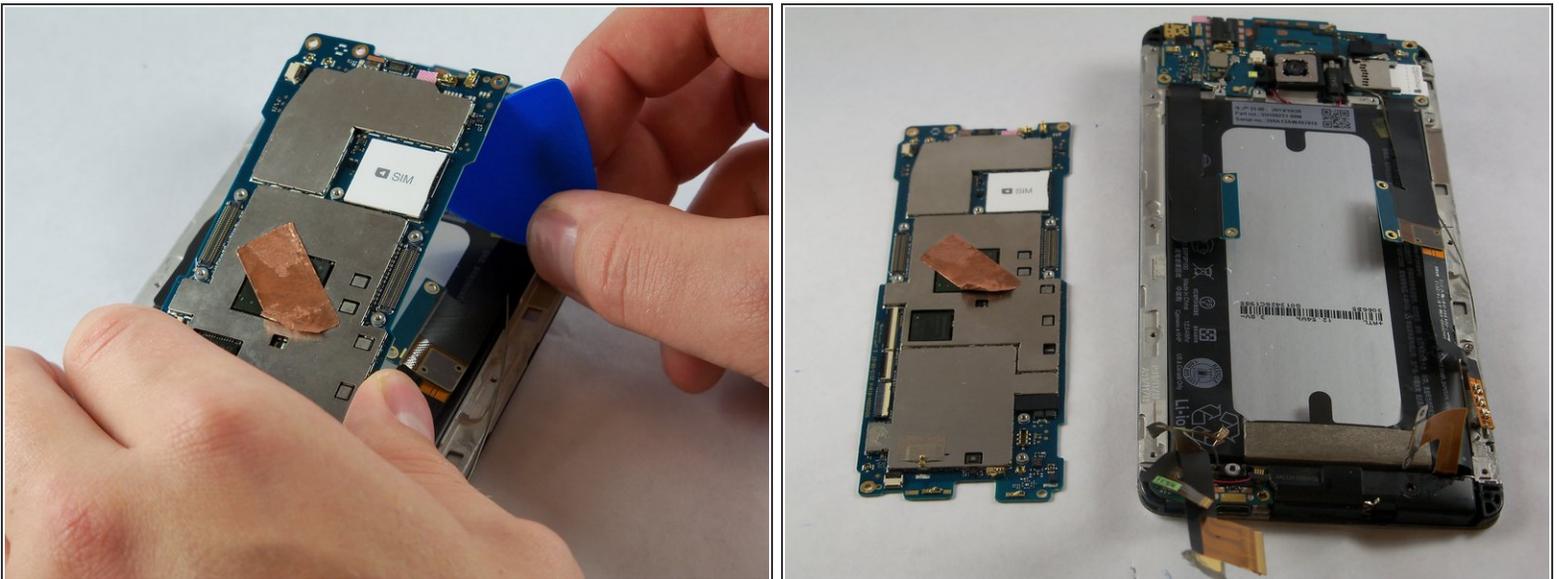
- Use a plastic tool to pry up and disconnect the large ribbon cables on each side of the motherboard.
- ⓘ Use caution prying the ribbon cable on the right side because other ribbon cables run under it.

## Step 10



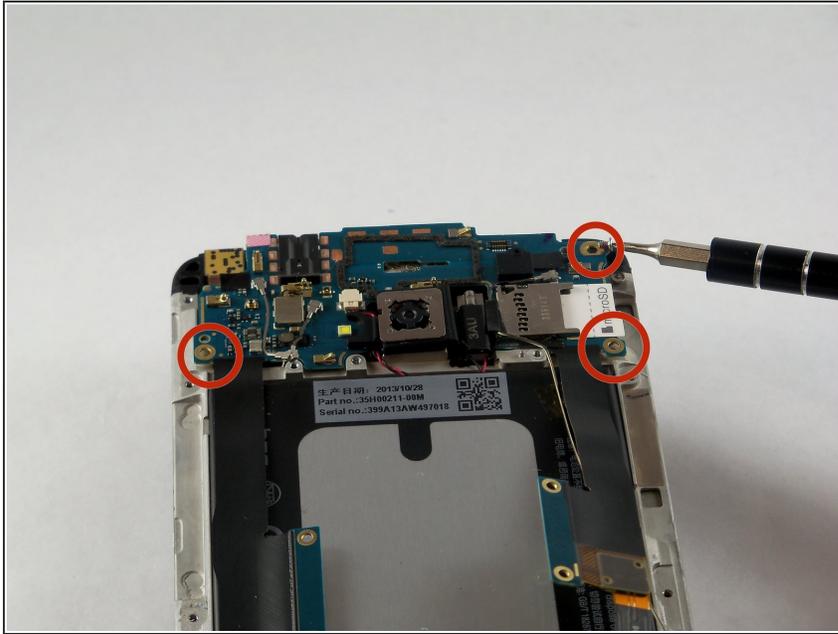
- Remove the tape covering three flex cable gate connectors on the bottom left side of the phone.
- Use small plastic opening tool to pry open the latch on each of these gate connectors to disconnect the three cables.
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## Step 11



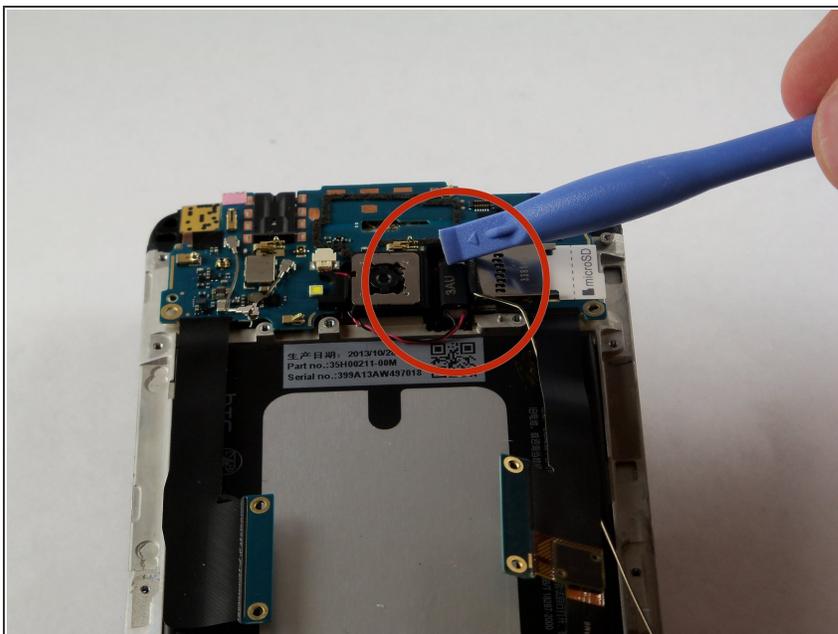
- Use a plastic tool to lift and remove the motherboard.
- Use a heat gun to loosen adhesive at bottom if needed.

## Step 12 — IR Blaster



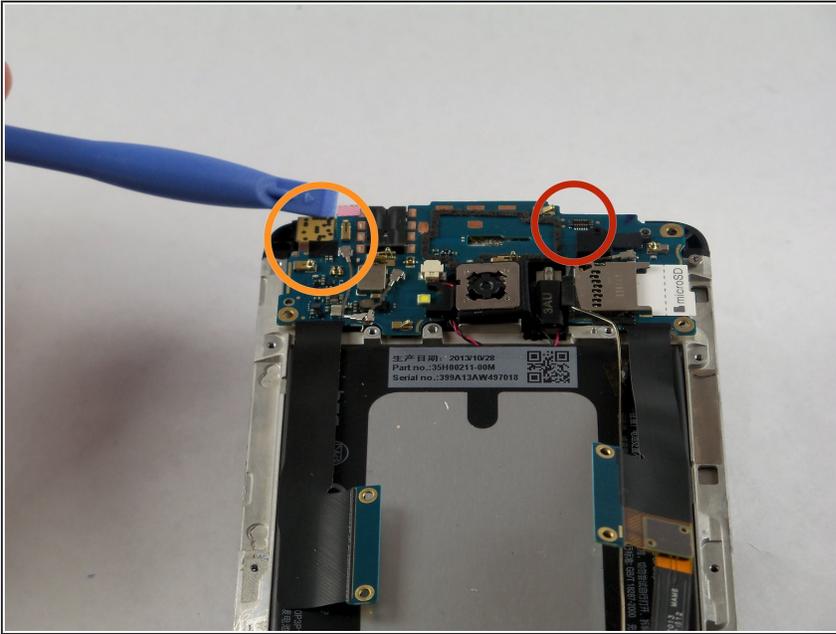
- Remove the three 3 mm Phillips #000 screws from the secondary board at the top.

## Step 13



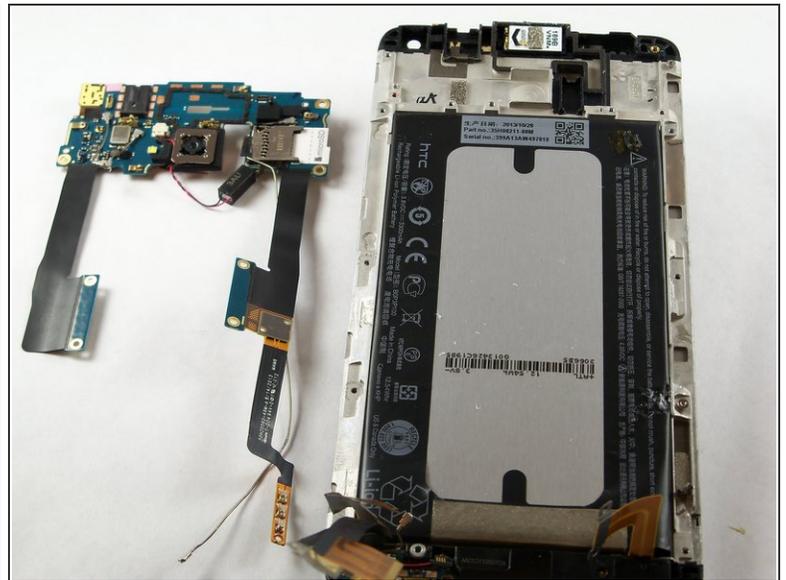
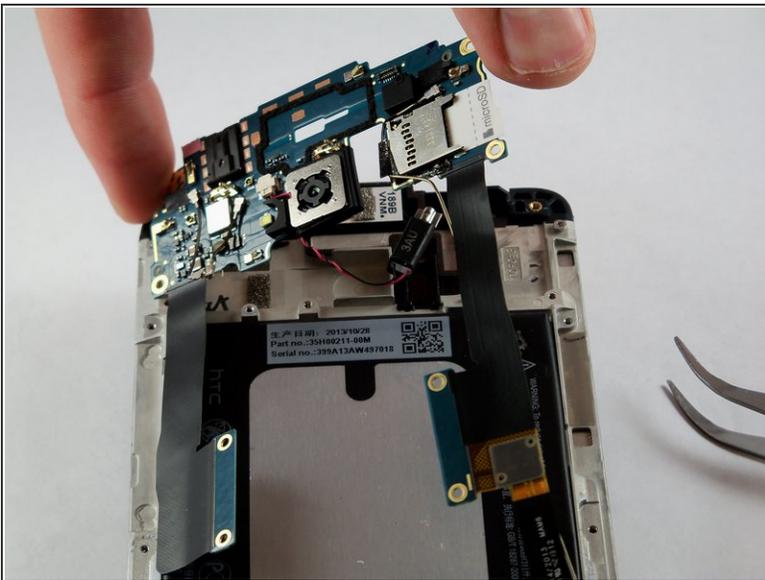
- Pick up and set aside vibrator, do not disconnect.

## Step 14



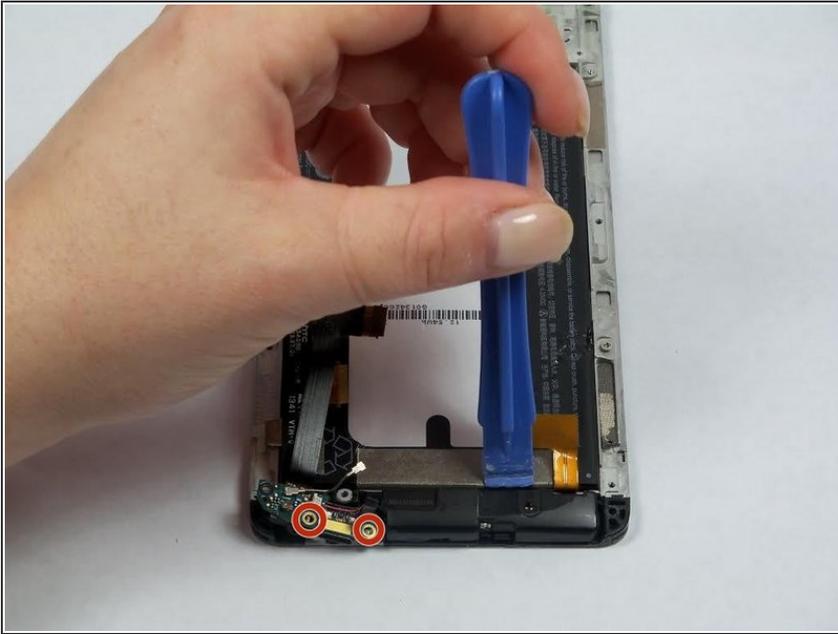
- Pull out ribbon cable.
- Peel back infrared sensor.

## Step 15 — Camera Board



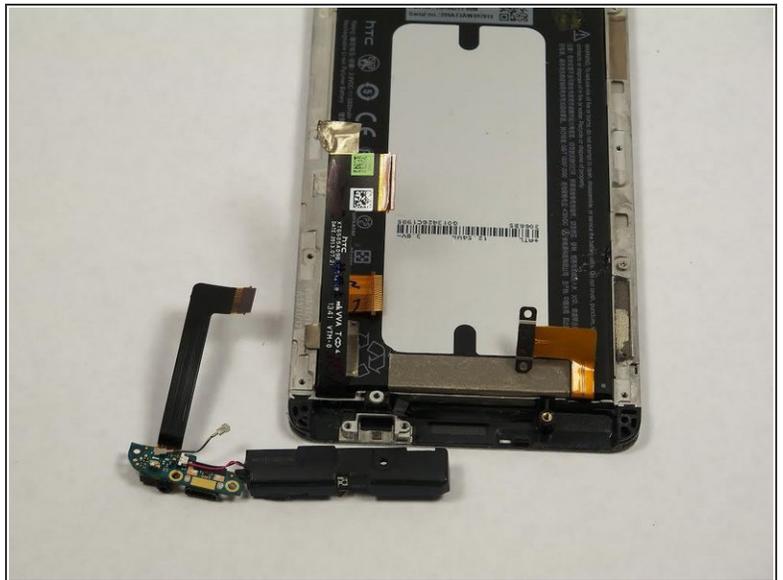
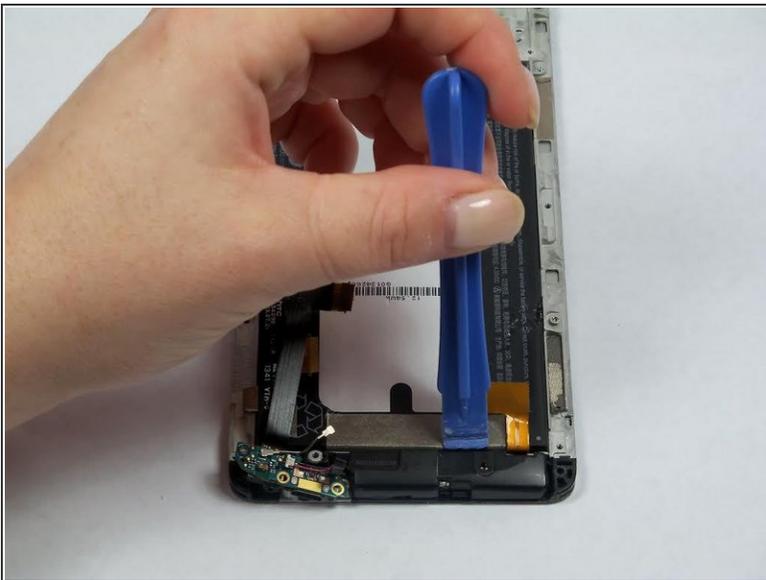
- Pull out the secondary board with the camera attached.
- ⓘ Be advised of the adhesive on the back.

## Step 16 — Remove Bottom Screws



- Remove two screws from the bottom.
- Set aside metal retaining plate.

## Step 17 — Speaker Assembly



- Pry back the speaker and microphone assembly from the bottom.

 Be careful not to poke the speaker.

## Step 18 — Remove Battery



- Pry the battery away from the back of the screen with a plastic tool.
- ⓘ We recommend using a heat gun to loosen the adhesive holding the battery in place.

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