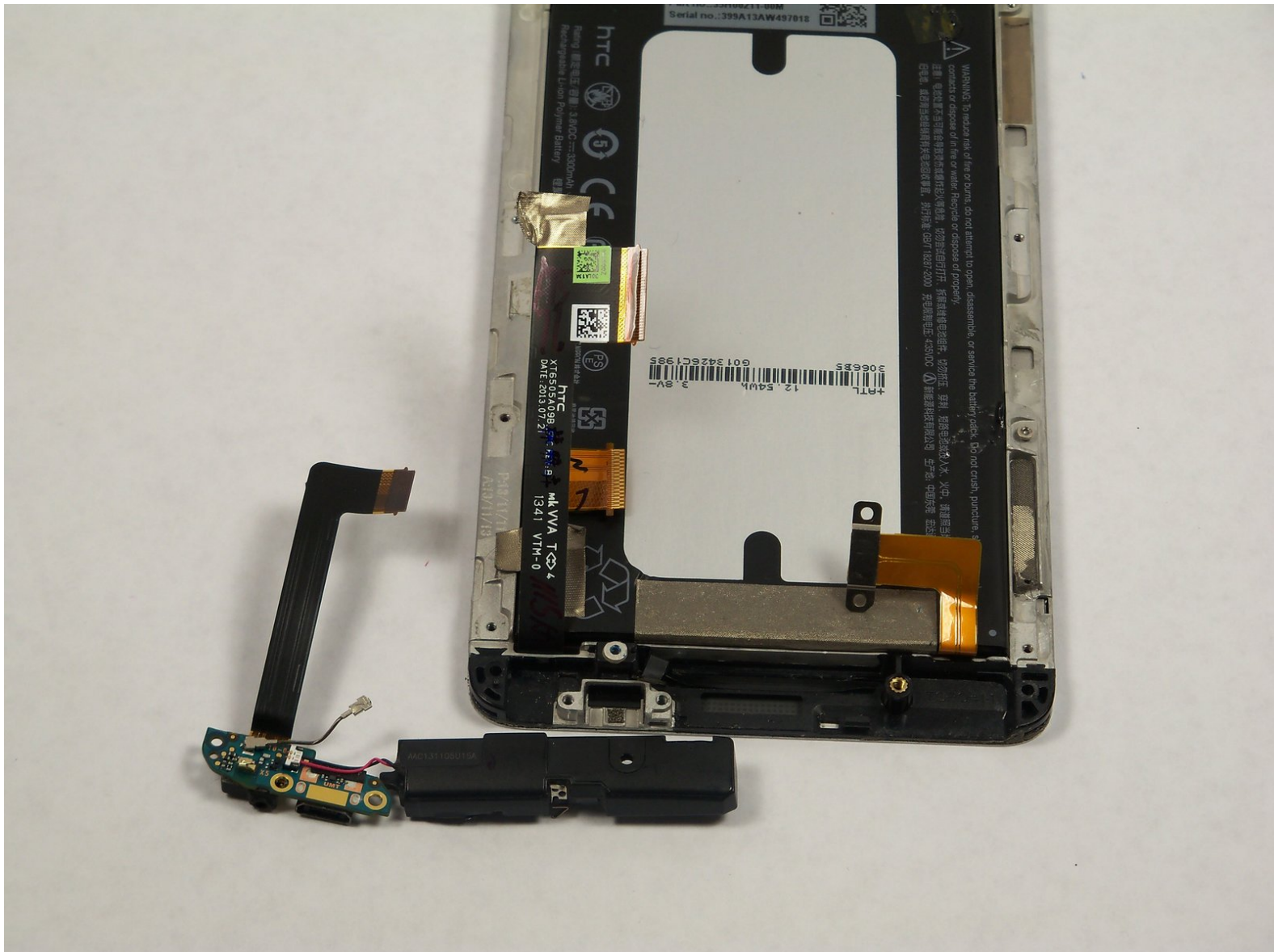




HTC One Max Microphone and Speaker Assembly Replacement

This guide shows how to replace the microphone in a HTC One Max cell phone.

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INTRODUCTION

You will learn how to replace a faulty microphone on an HTC One Max in this guide.



TOOLS:

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



PARTS:

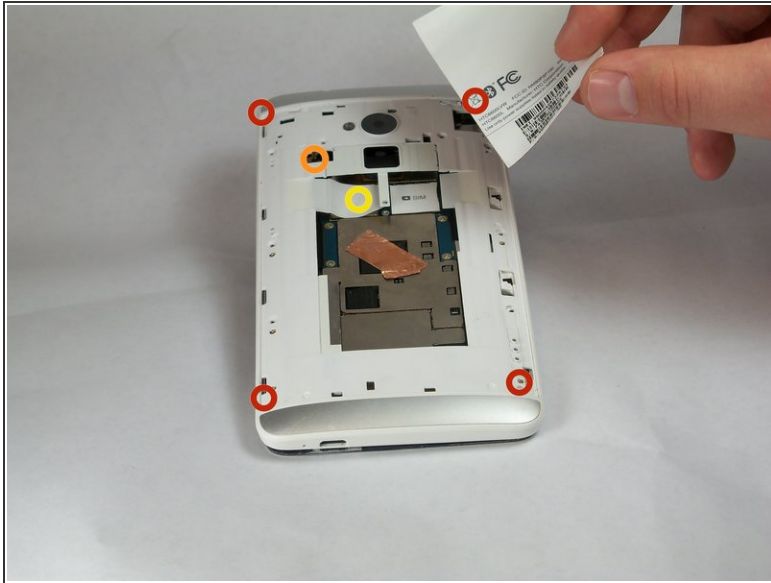
- [HTC One Max Speaker Assembly.](#) (1)

Step 1 — Back Case



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

Step 2



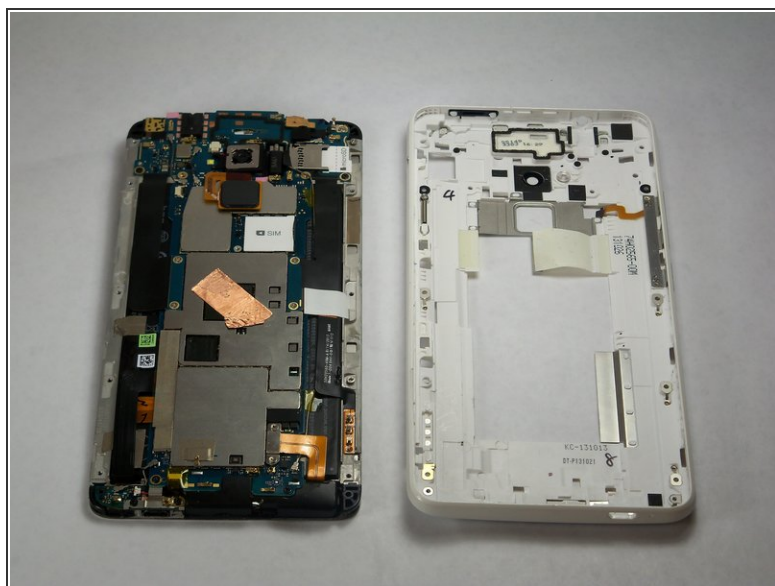
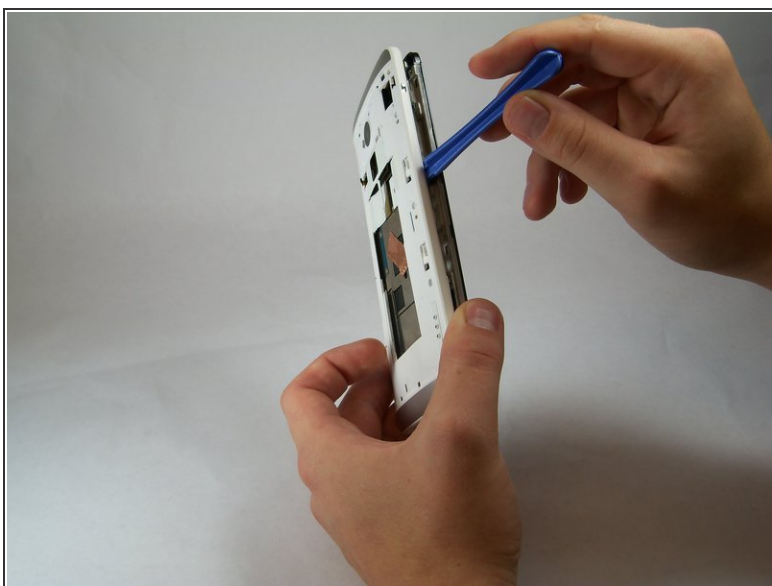
- Remove the four white stickers in each corner that cover the Tri-Wing screws.
- Remove the white sticker near the buttons that control the volume.
- Remove the white sticker near the SIM card.
- Remove the big white sticker with the bar-code in the center of the phone.

Step 3



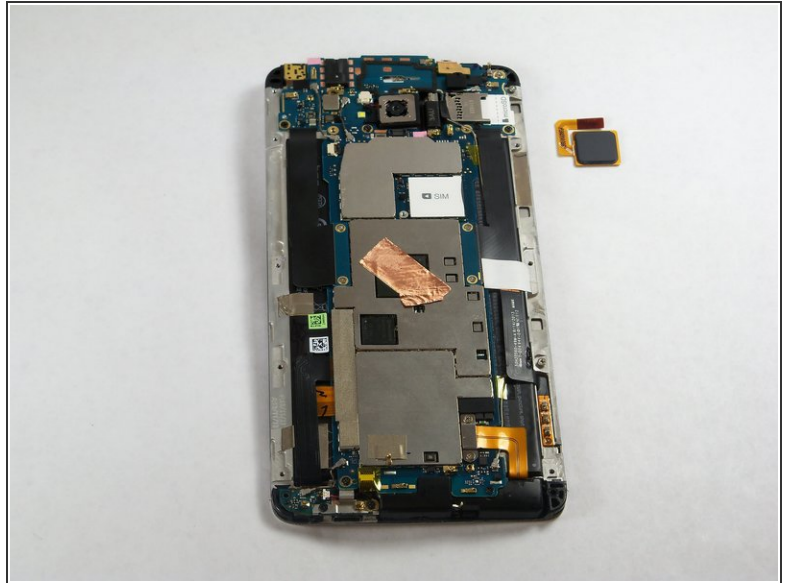
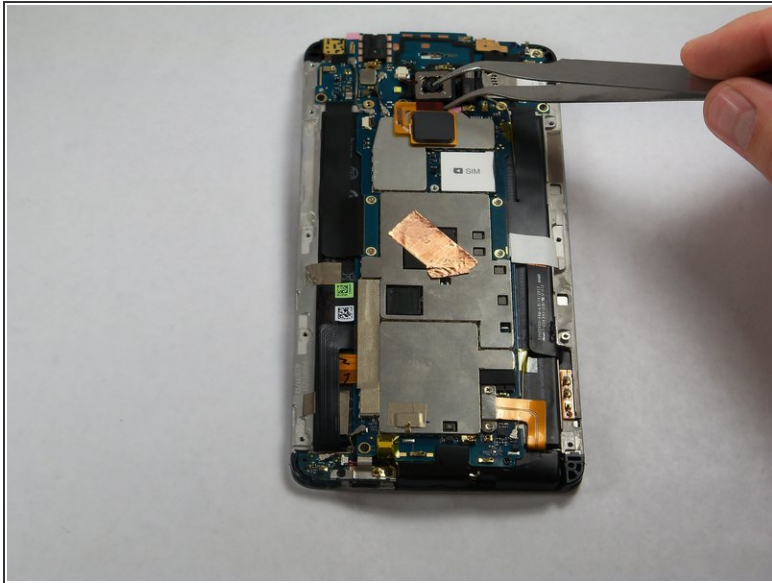
- Remove the thirteen Tri-Wing Y00 screws (Upper & Lower screws are 5 mm length, middle screws are 3.8 mm length) from the back case.
- Disconnect the cable near the volume buttons.

Step 4



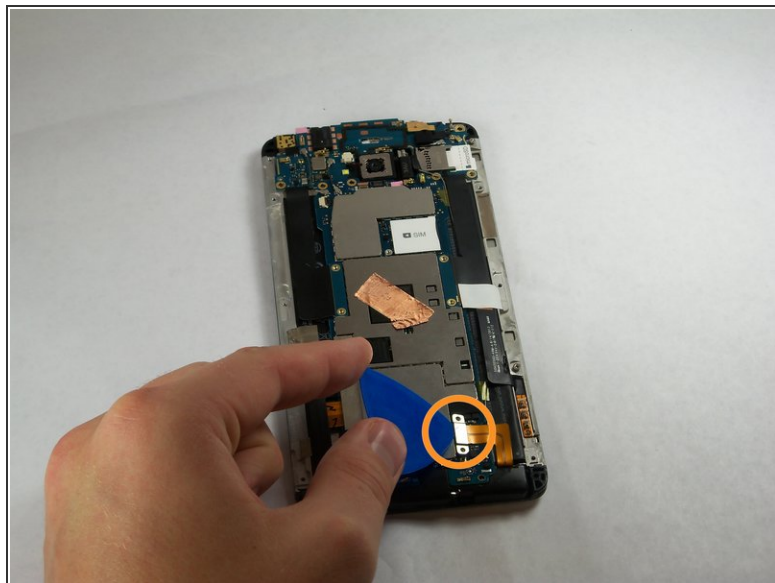
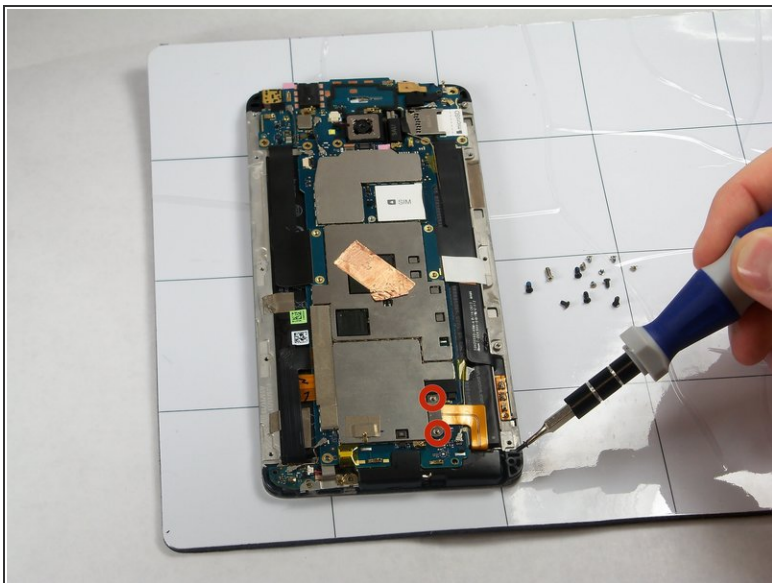
- Use the small plastic opening tool to pry between the screen and the rear case.

Step 5 — Fingerprint Sensor



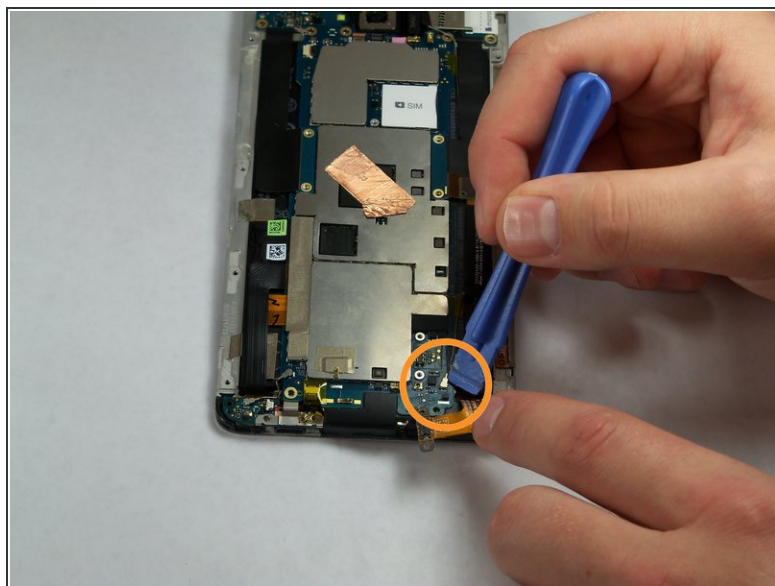
- Use Tweezers to disconnect the ribbon cable connecting the fingerprint sensor to the motherboard.
- When replacing the fingerprint sensor, make sure the ribbon cable snaps into the port on the motherboard.

Step 6 — Motherboard



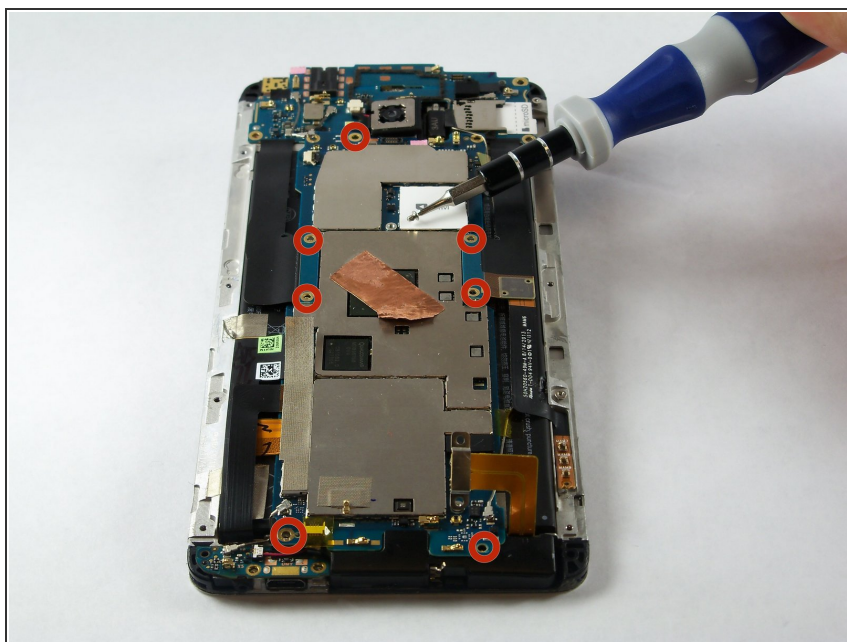
- Remove the two 2.2 mm Phillips #000 screws holding the battery cable.
- Use a plastic tool to remove the ribbon cable.

Step 7



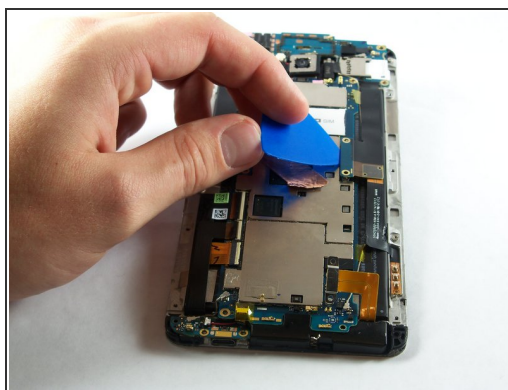
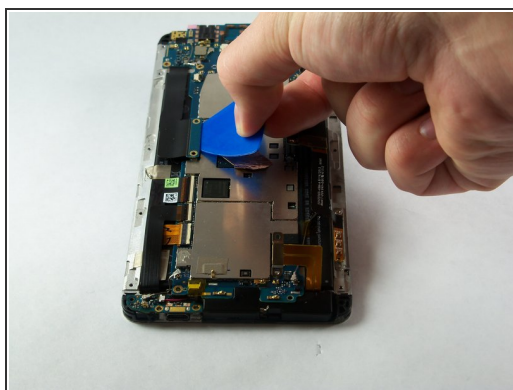
- Use the plastic opening tool to disconnect the two antenna wires at the top of the phone.
- Use the plastic opening tool to disconnect a third antenna wire at the bottom of the phone.

Step 8



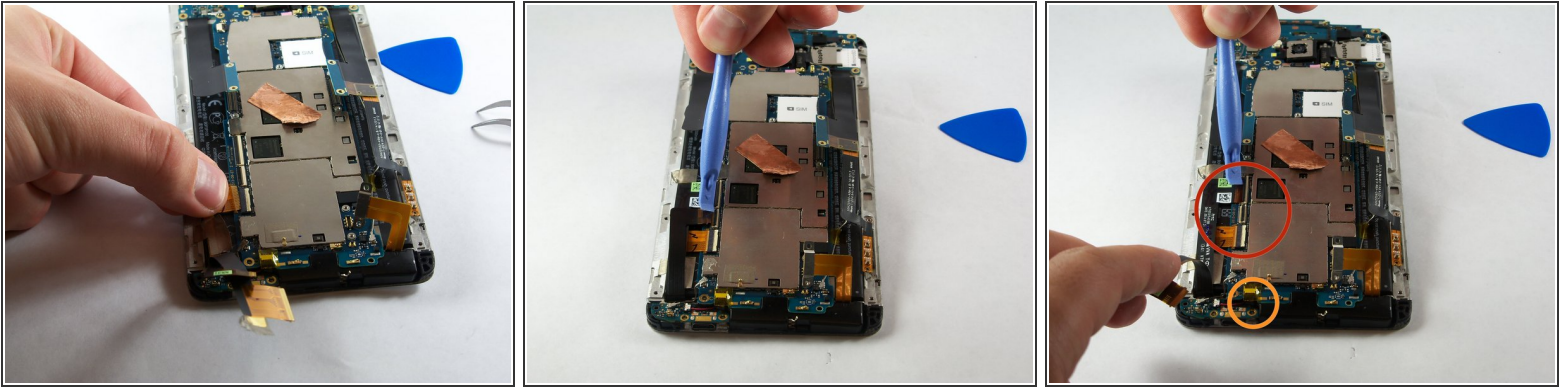
- Remove the seven 3 mm Phillips #000 screws from the motherboard.

Step 9



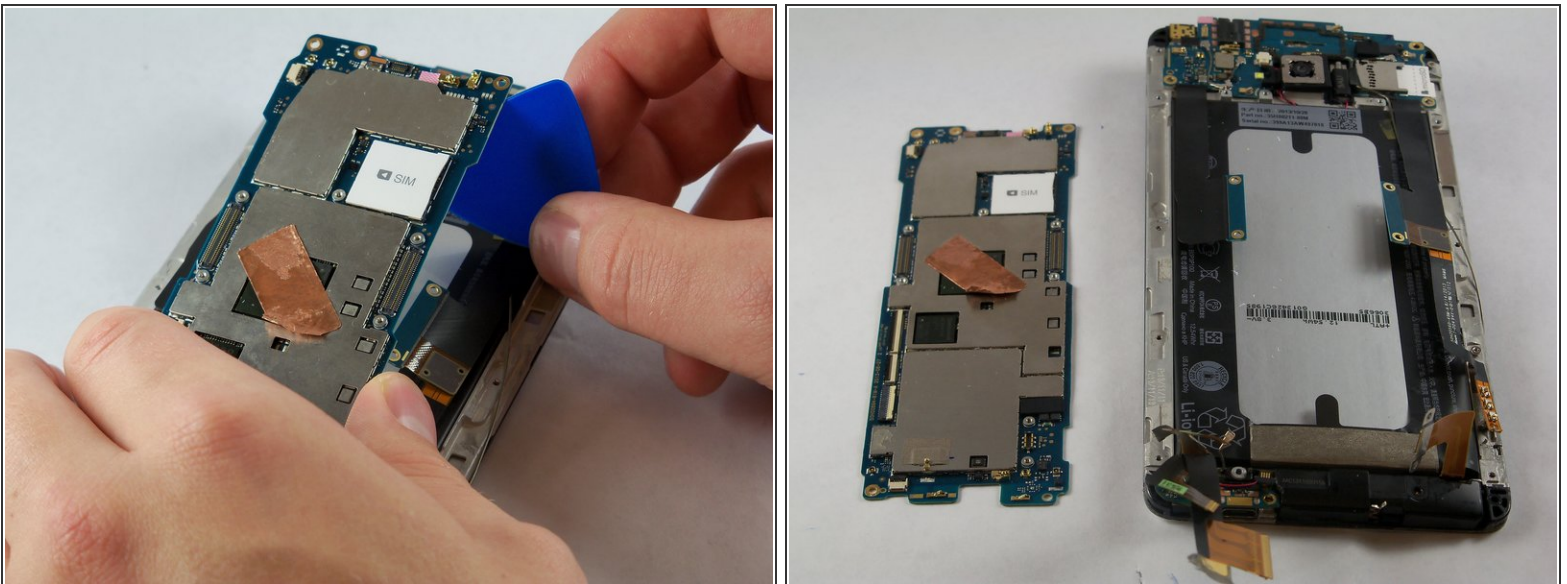
- Use a plastic tool to pry up and disconnect the large ribbon cables on each side of the motherboard.
- ⓘ Use caution prying the ribbon cable on the right side because other ribbon cables run under it.

Step 10



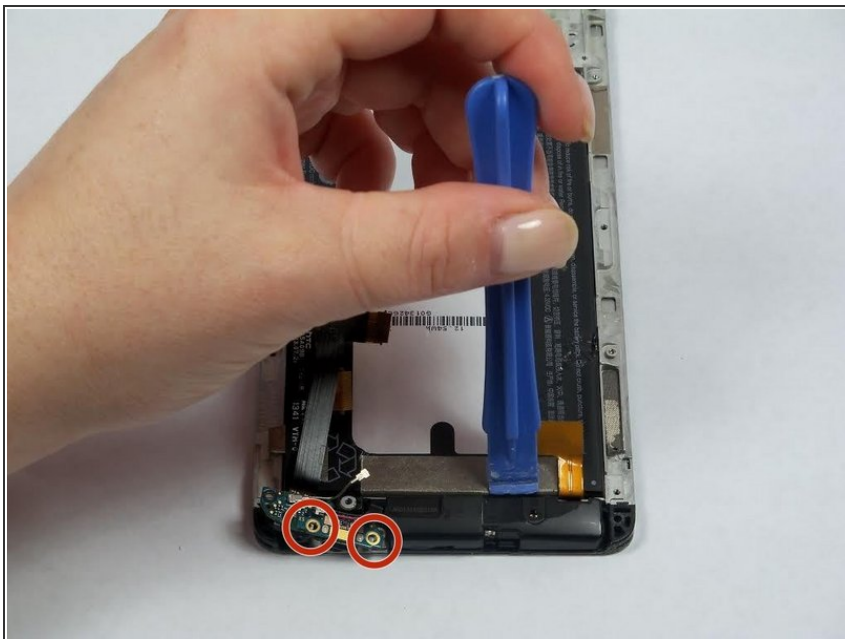
- Remove the tape covering three flex cable gate connectors on the bottom left side of the phone.
- Use small plastic opening tool to pry open the latch on each of these gate connectors to disconnect the three cables.
- Use small plastic opening tool to pry open the latch on each of these gate connectors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

Step 11



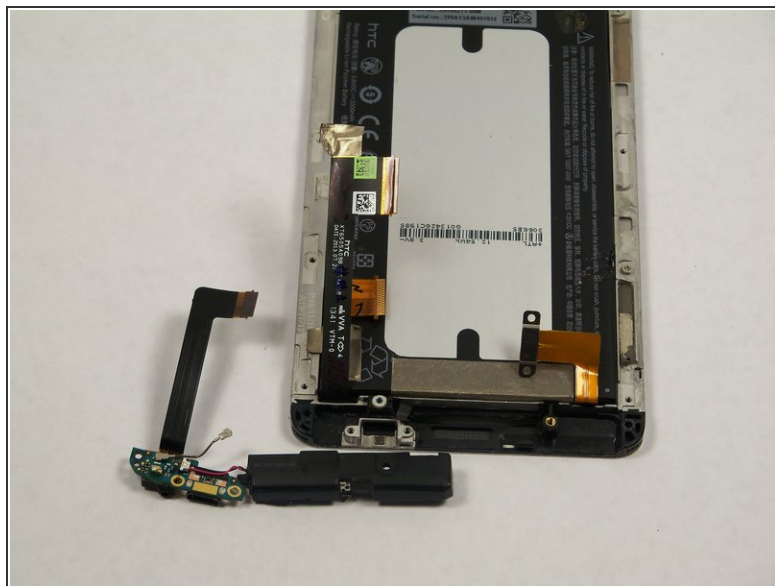
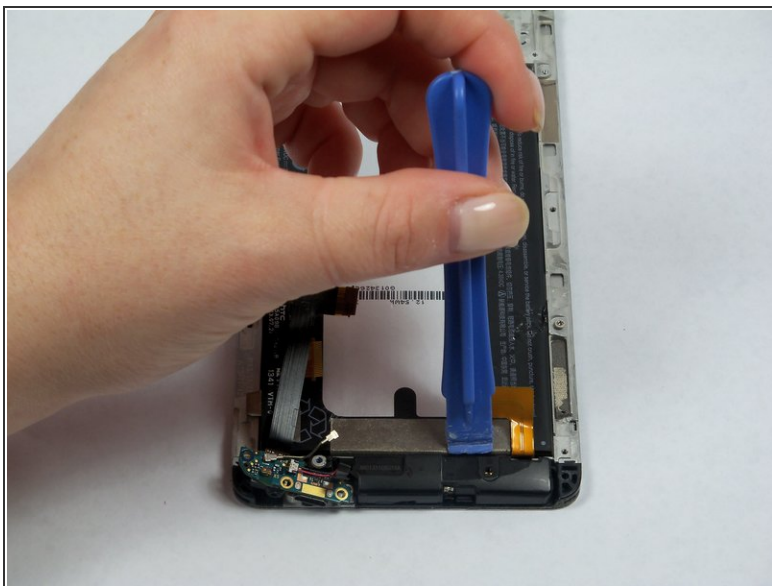
- Use a plastic tool to lift and remove the motherboard.
- Use a heat gun to loosen adhesive at bottom if needed.

Step 12 — Microphone and Speaker Assembly



- Remove the two 2.8 mm Phillips #000 screws from the metal plate near the bottom of the phone.

Step 13



- Use the small plastic opening tool to pry back the speaker and microphone assembly from the bottom of the phone.

⚠ Be careful to not to damage the speaker.

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