



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:

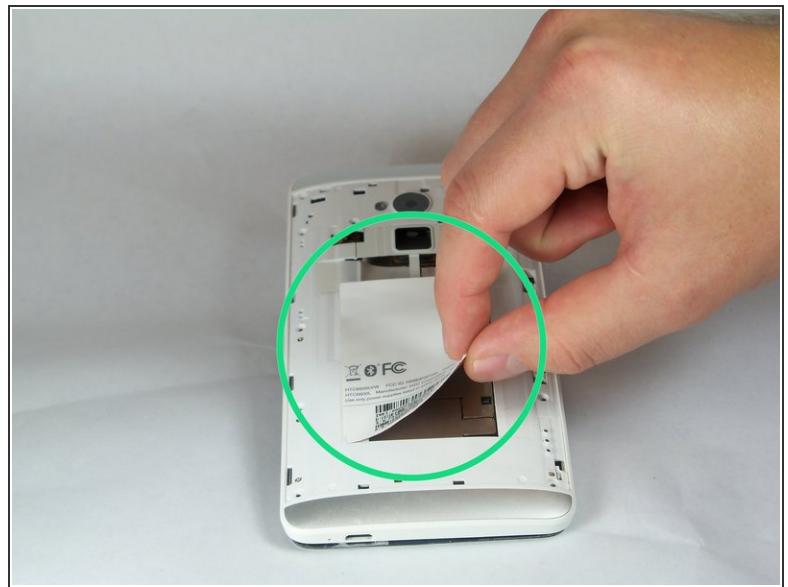
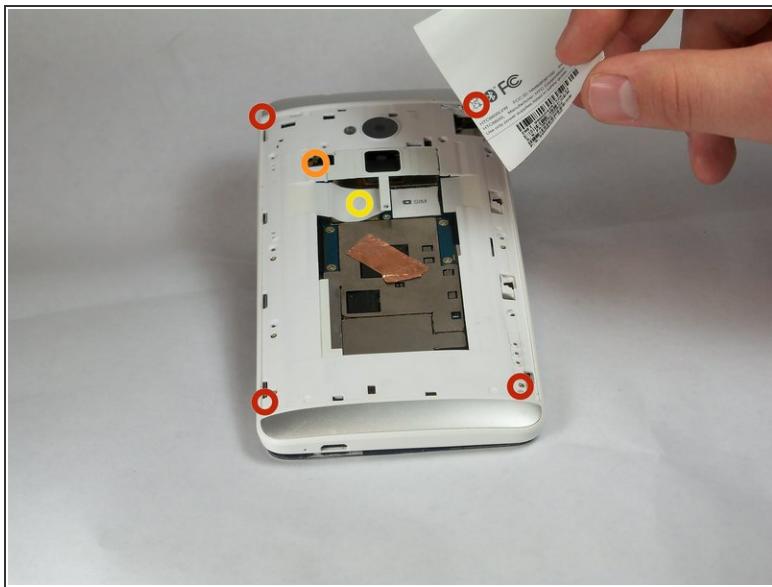
- [HTC One Max Speaker Assembly](#). (1)

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



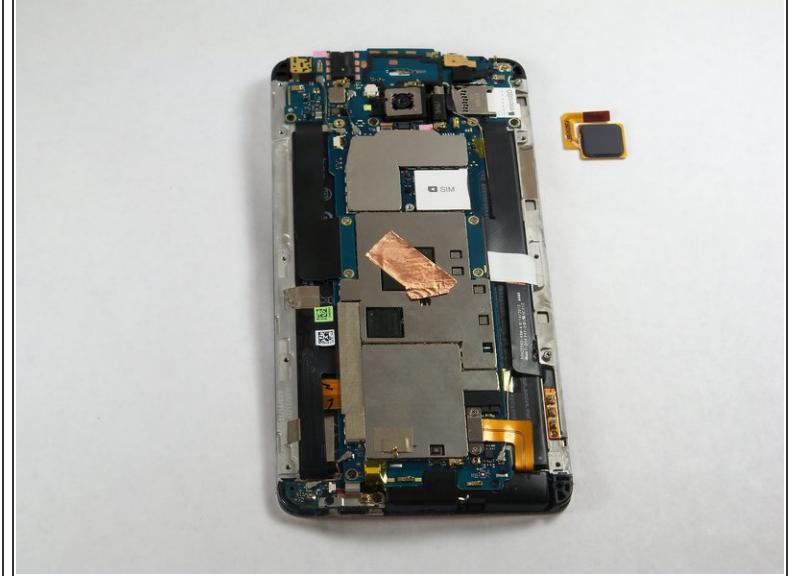
- Remove the thirteen Tri-Wing Y00 screws (Upper & Lower screws are 5 mm length, middle screws are 3.8 mm length) from the back case.
- Disconnect the cable near the volume buttons.

Step 4



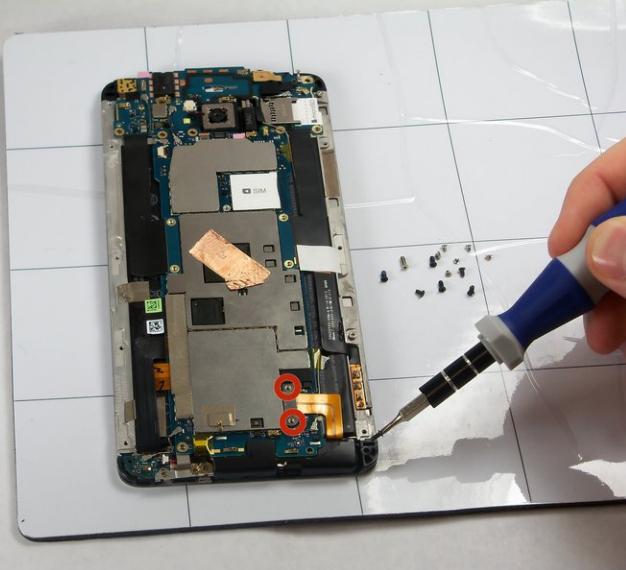
- Use the small plastic opening tool to pry between the screen and the rear case.

Step 5 — Fingerprint Sensor



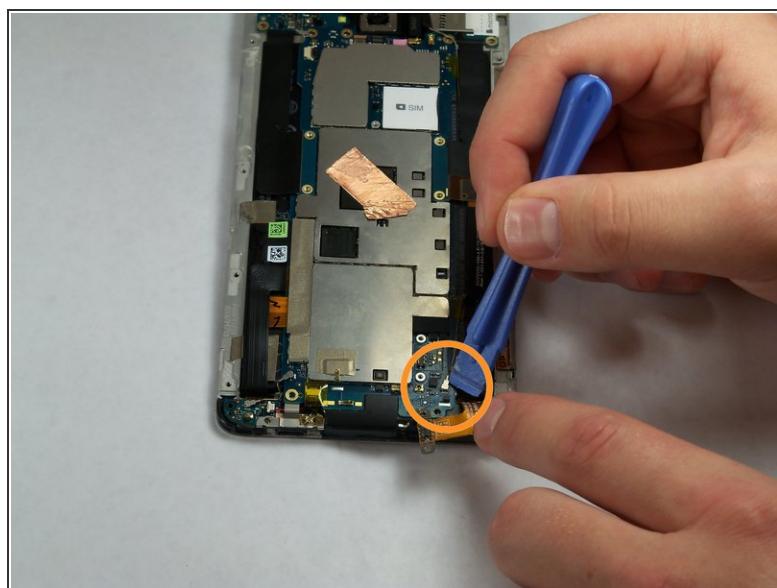
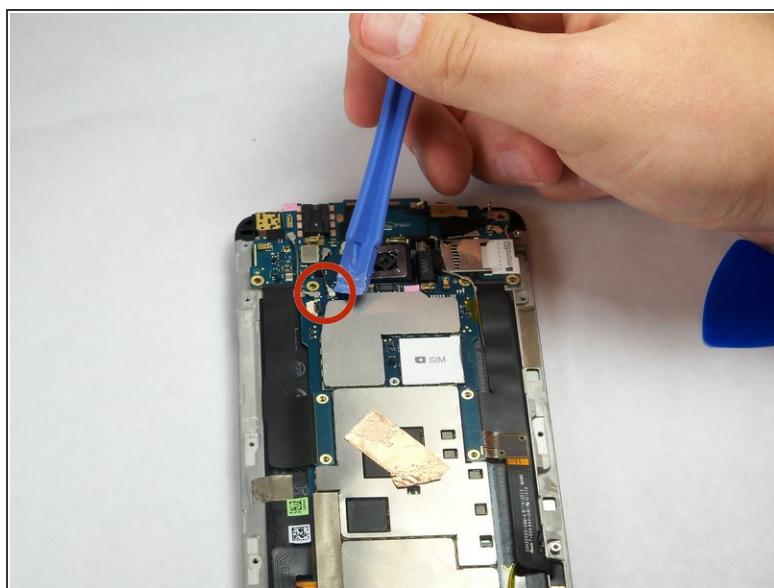
- Use Tweezers to disconnect the ribbon cable connecting the fingerprint sensor to the motherboard.
- When replacing the fingerprint sensor, make sure the ribbon cable snaps into the port on the motherboard.

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.

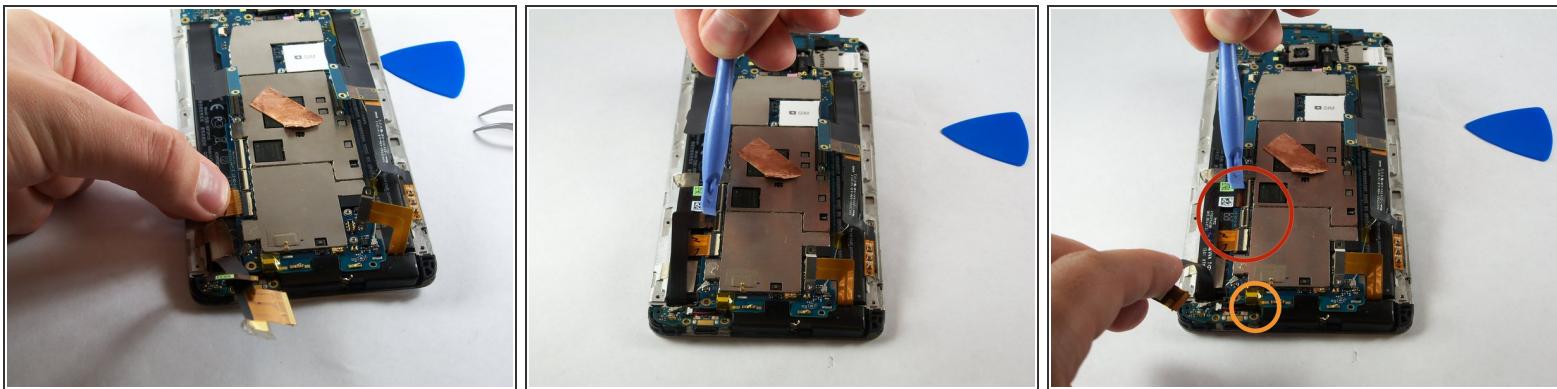
Step 9



- Use a plastic tool to pry up and disconnect the large ribbon cables on each side of the motherboard.

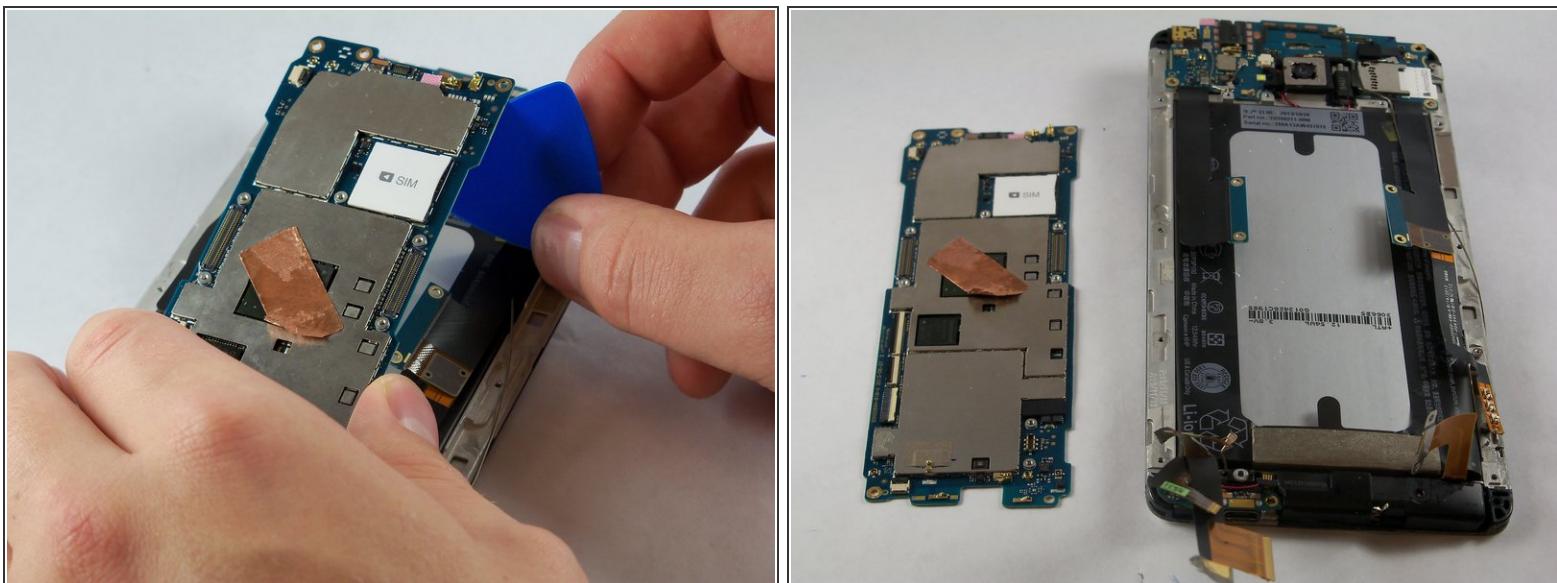
(i) Use caution prying the ribbon cable on the right side because other ribbon cables run under it.

Step 10



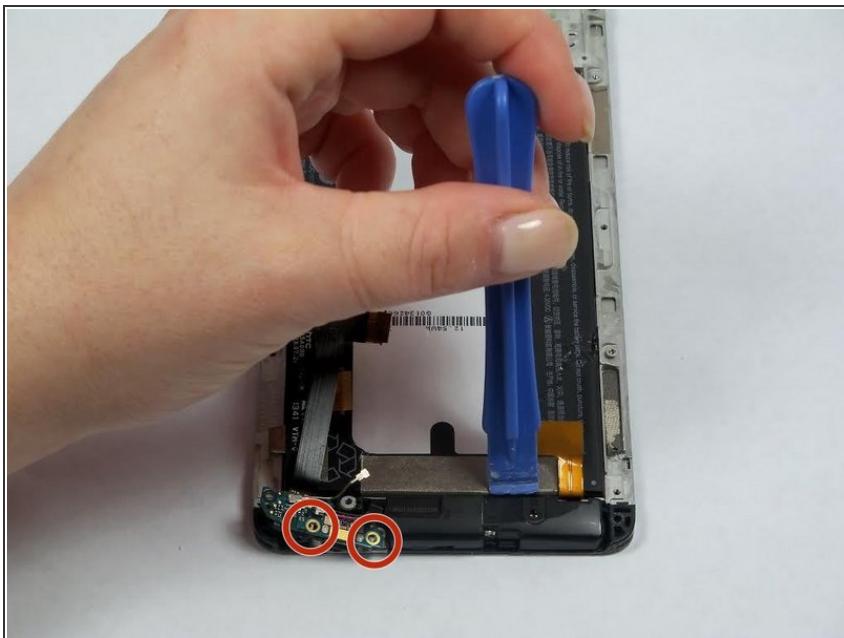
- Remove the tape covering three flex cable gate connectors on the bottom left side of the phone.
- Use small plastic opening tool to pry open the latch on each of these gate connectors to disconnect the three cables.
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Step 11



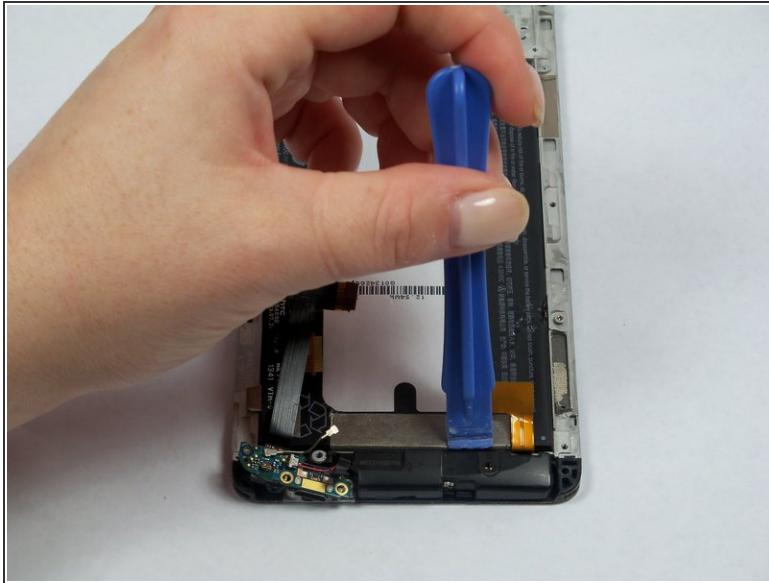
- Use a plastic tool to lift and remove the motherboard.
- Use a heat gun to loosen adhesive at bottom if needed.

Step 12 — 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.