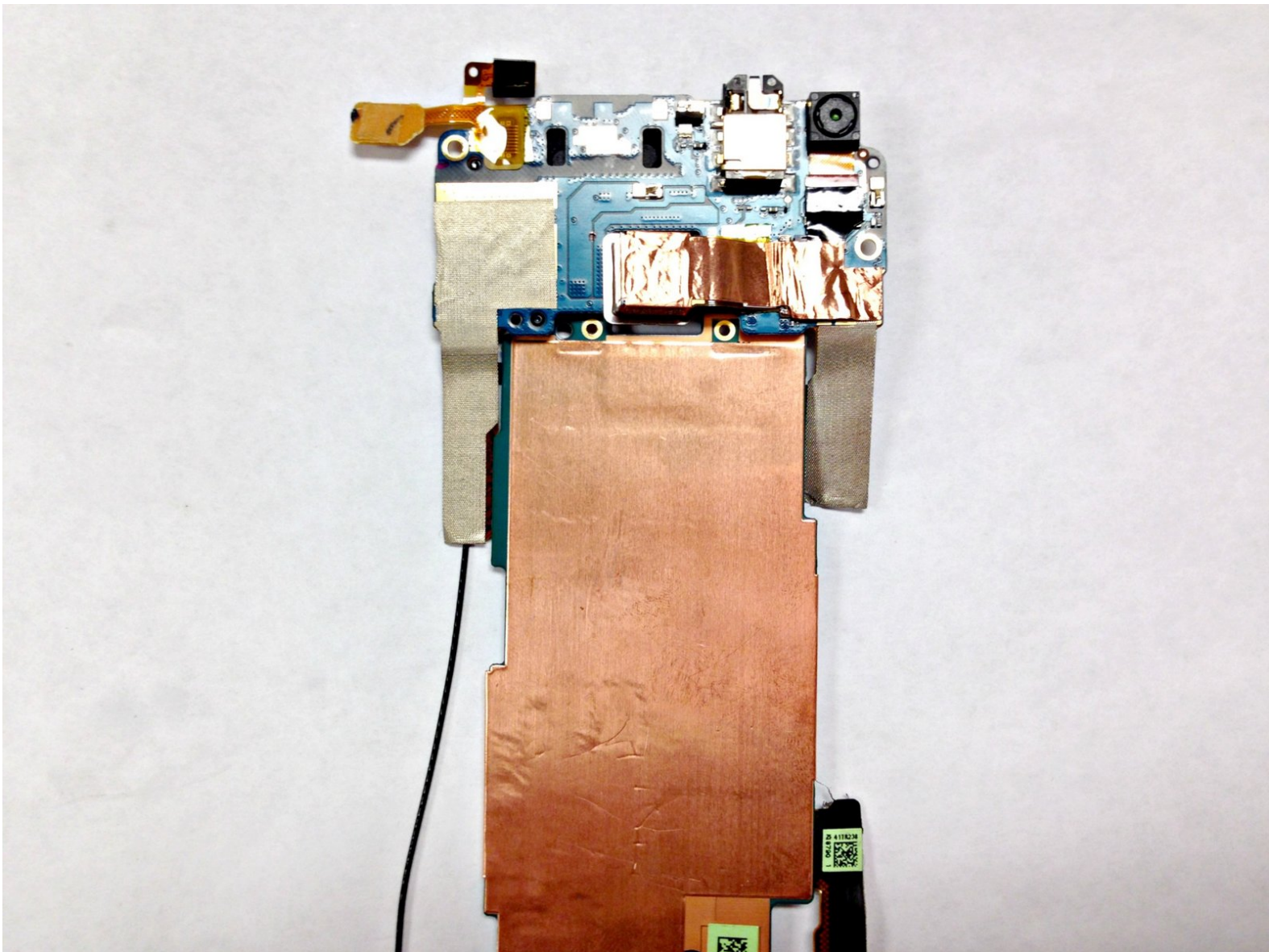




HTC One Mini Motherboard Replacement

This guide will help you to replace the motherboard of your HTC One mini.

Written By: Daniela Delgado



INTRODUCTION

Follow the instructions in this guide to remove your HTC One Mini's rear case and detach your motherboard from the rest of the phone so that it may be replaced.

TOOLS:

- [iFixit Opening Tool](#) (1)
 - [iOpener](#) (1)
 - [T6 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — iOpener Heating



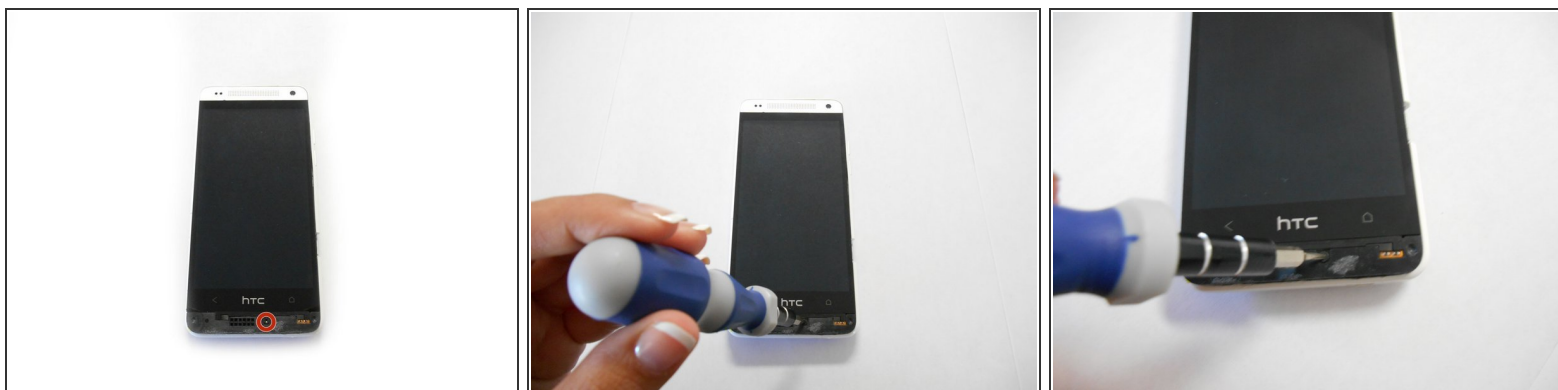
- Use an iOpener or hair dryer to apply heat to the lower speaker grille, in order to soften the adhesive underneath.

Step 2 — Remove Speaker Grills



- Slide a thin pry tool underneath the lower speaker cover and slide it across to separate the adhesive underneath.
- Remove the lower speaker cover.

Step 3 — Remove Screw



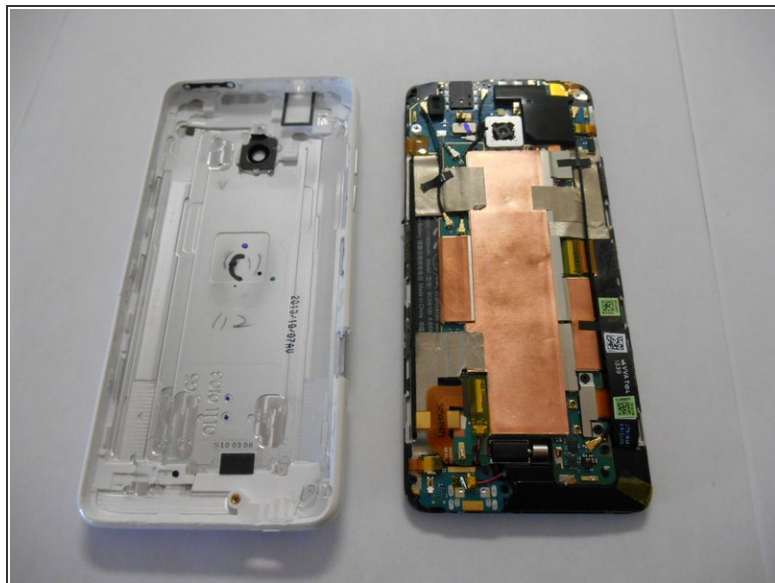
- Remove the screw under the speaker cover using a T6 Torx screwdriver.

Step 4



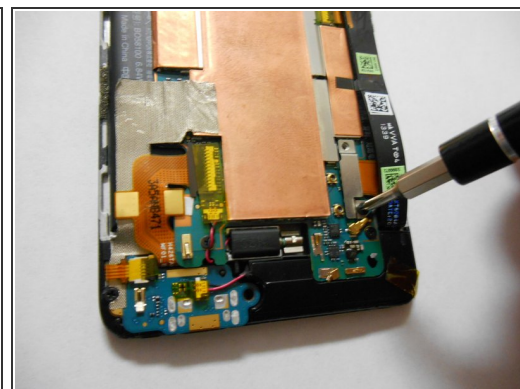
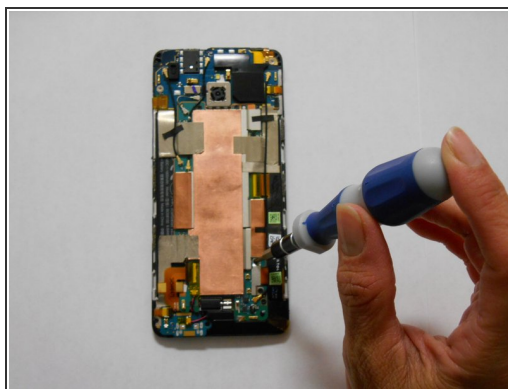
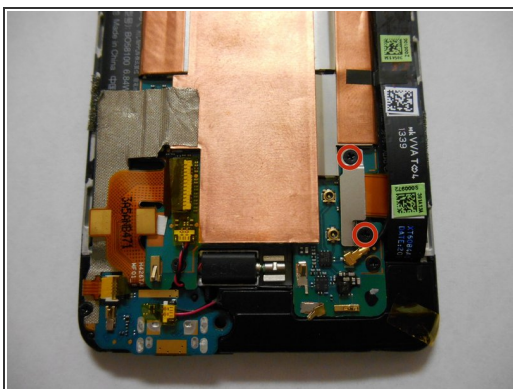
- Slide a thin guitar pick or pry tool between the edge of the display and the rear case, near the bottom of the phone.
- Carefully work your way up each side of the display and separate the rear case. There are three clips on each side.

Step 5 — Separate Rear Case



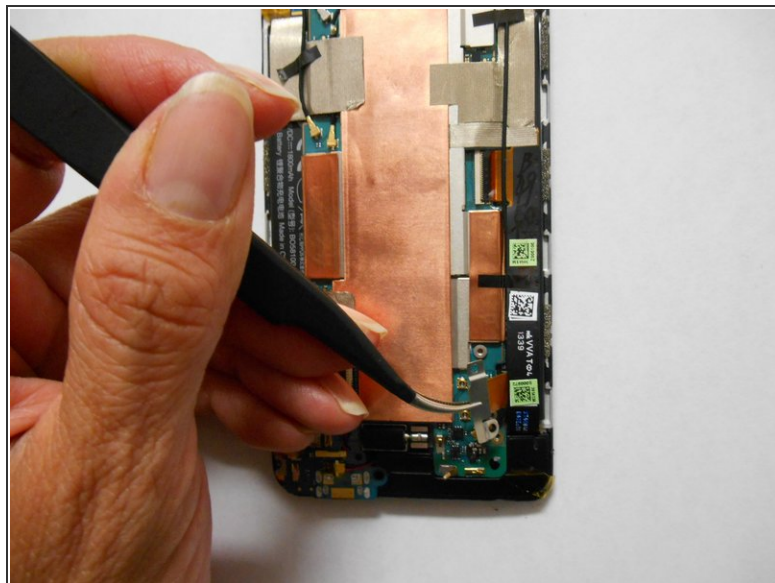
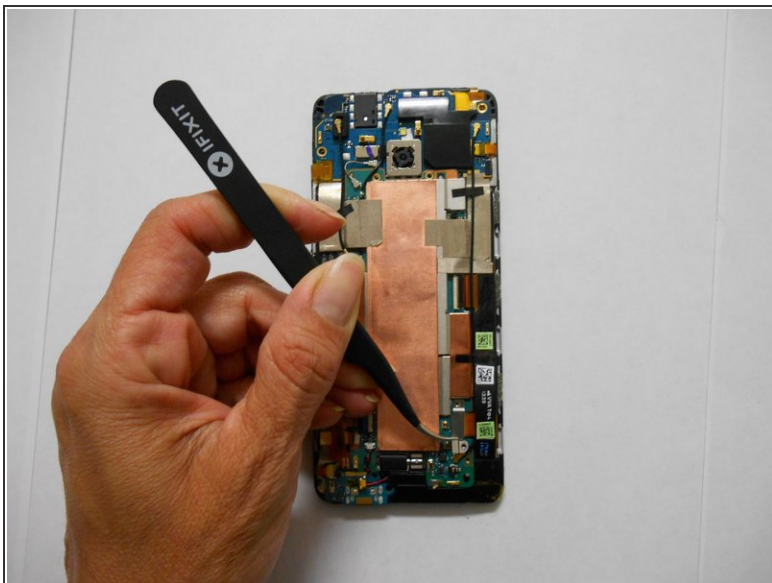
- Remove the rear case from the phone.

Step 6 — Remove Screws



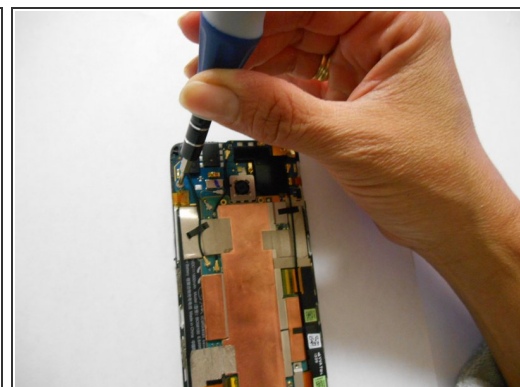
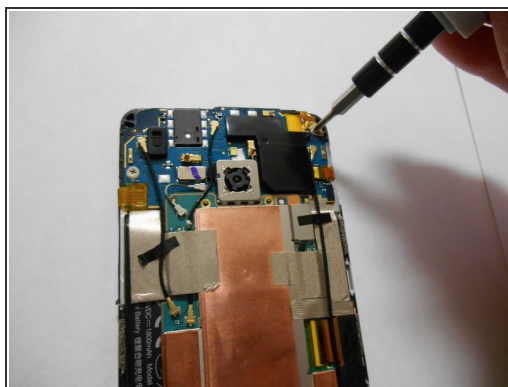
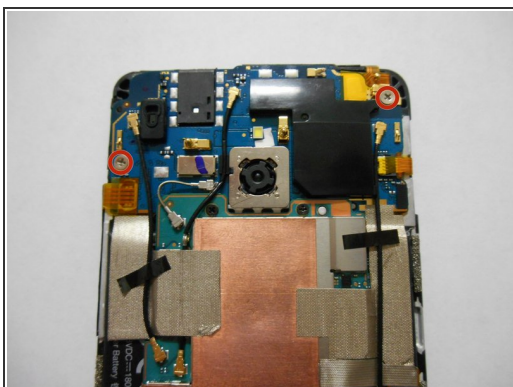
- Remove the two Phillips screws securing the battery connector.

Step 7



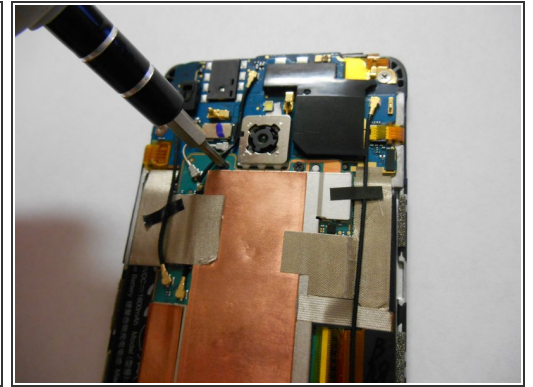
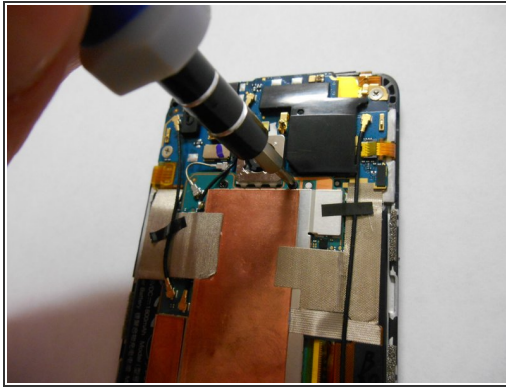
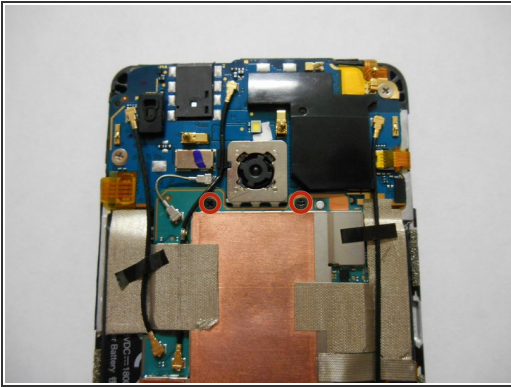
- Disconnect the battery by prying the metal cover straight up.

Step 8 — Remove screws



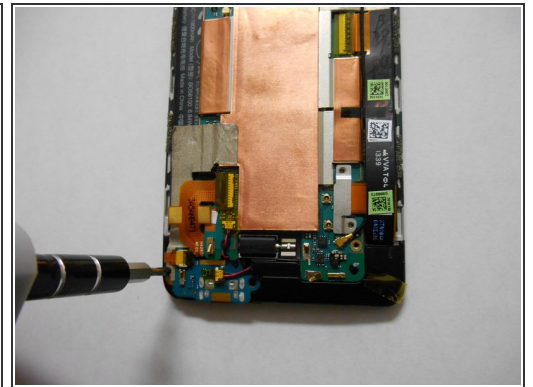
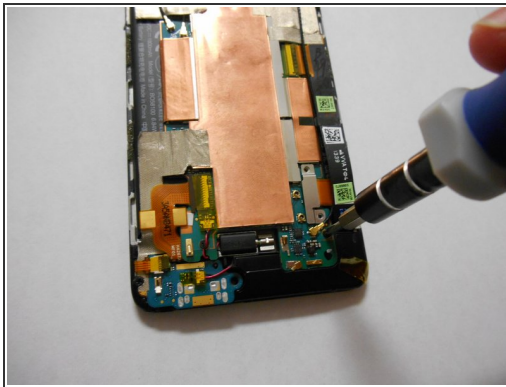
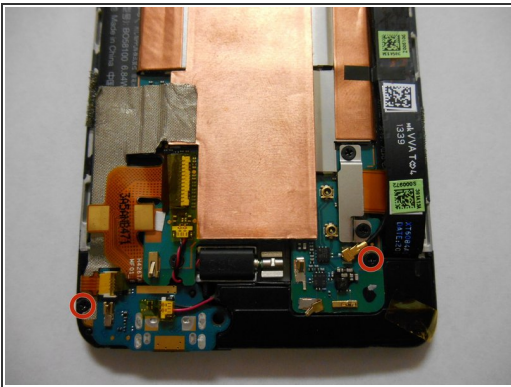
- Remove two Phillips screws.
- ⓘ The screw on the upper right corner secures a tiny golden washer. Remove this washer.

Step 9 — Remove Screws



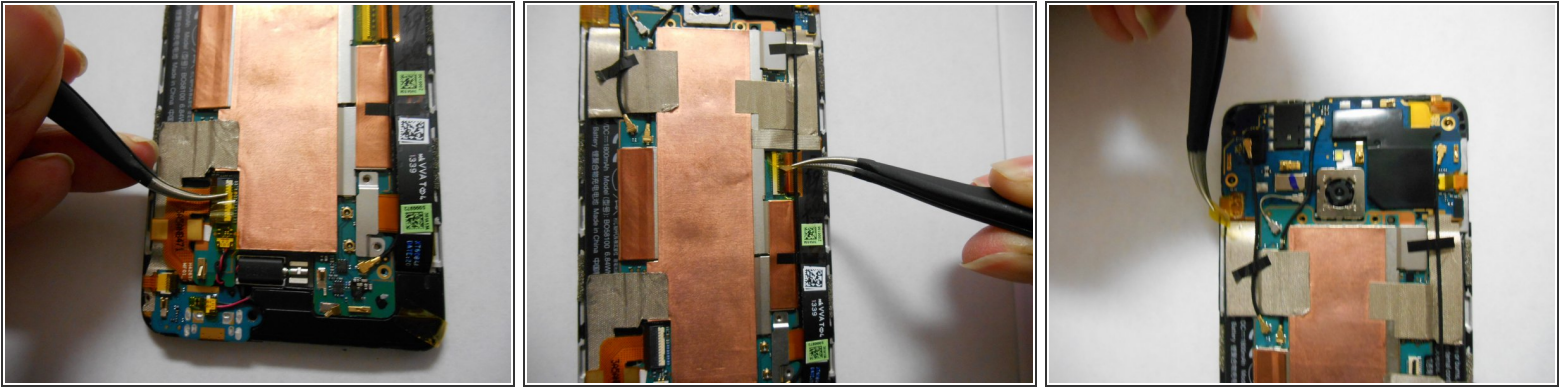
- Remove the two small black Phillips screws.

Step 10 — Remove Screws



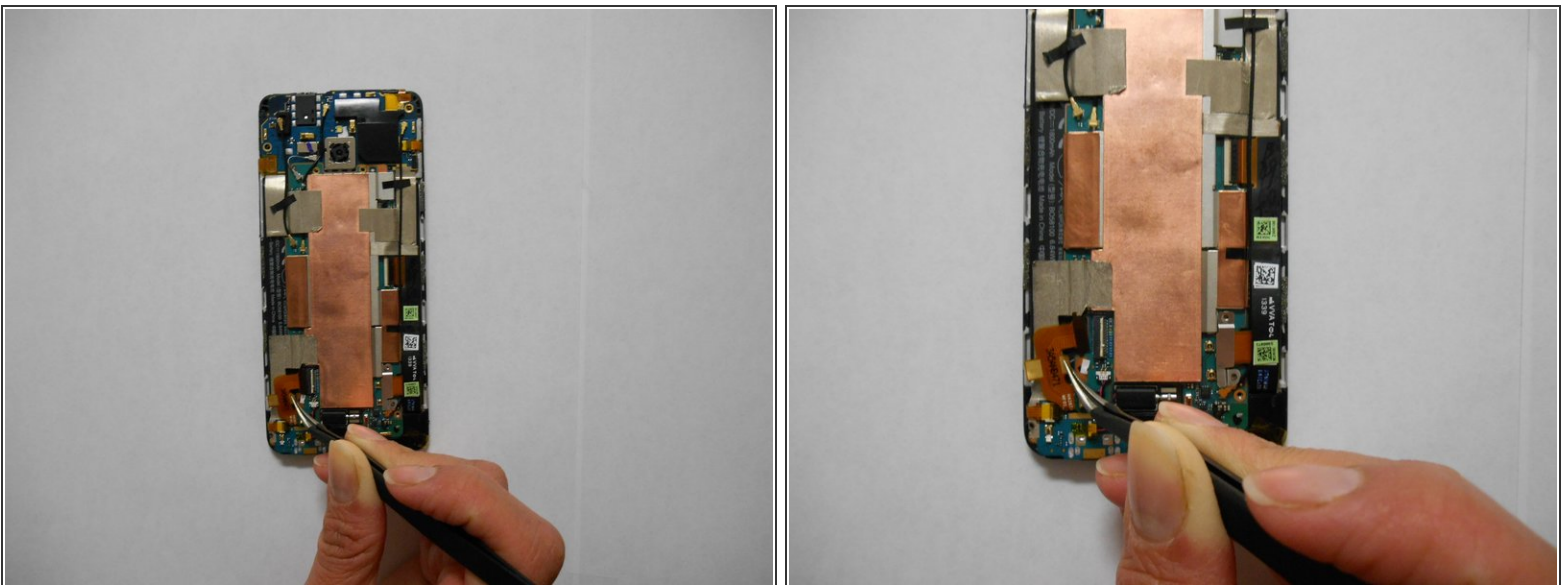
- Remove two more Phillips screws.

Step 11 — Remove protective foil.



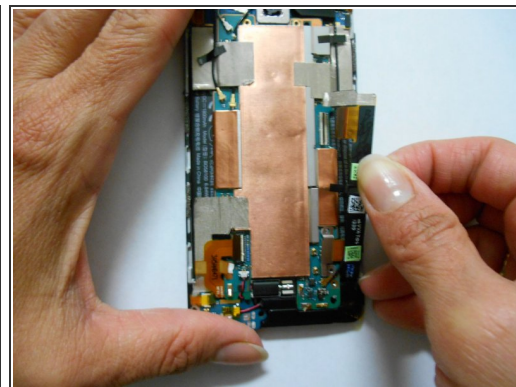
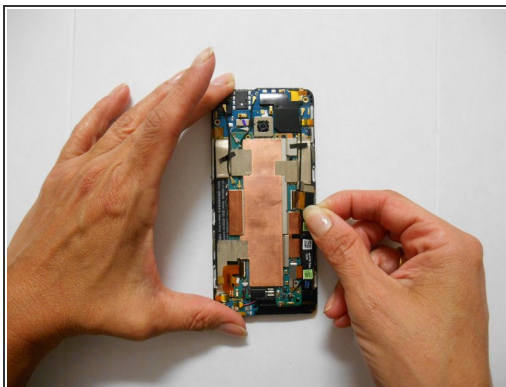
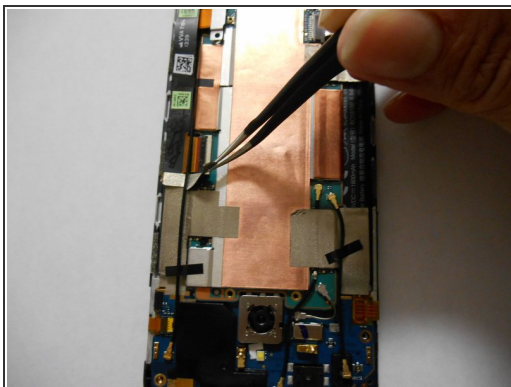
- Use tweezers to remove the yellow tape covering the flex cable connectors (total of five).

Step 12



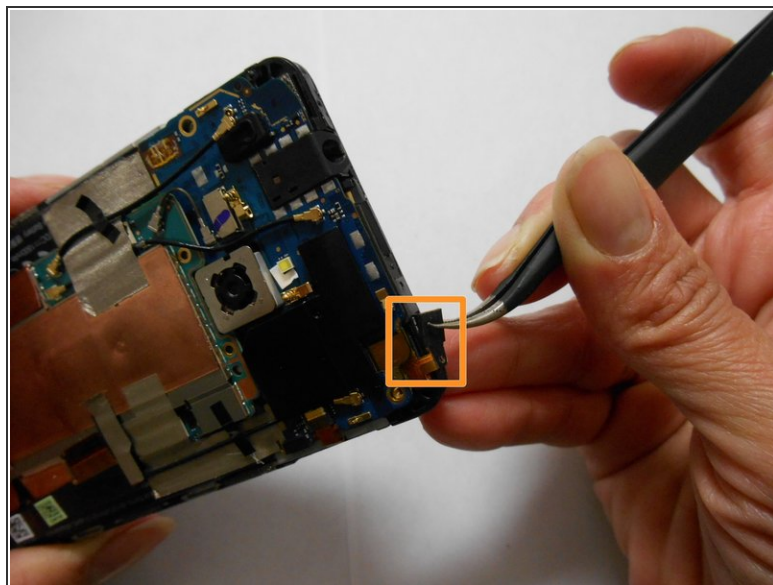
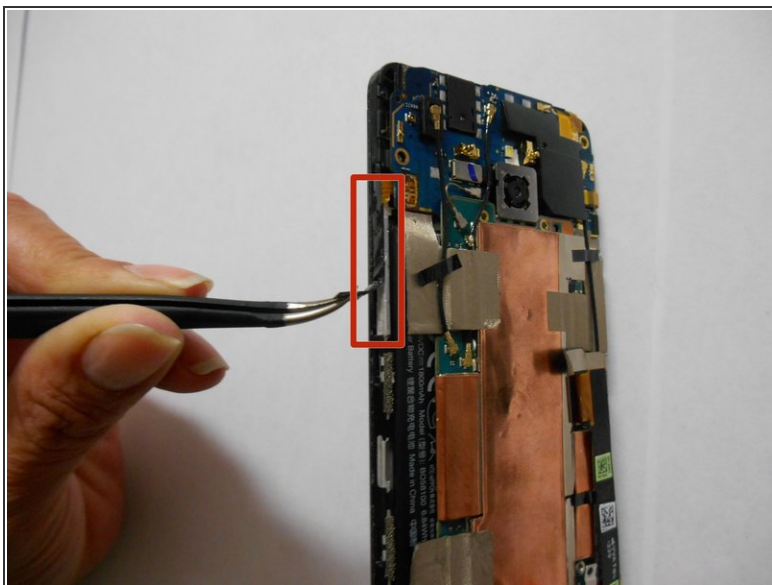
- Carefully disconnect the flex cables at the points where you removed the yellow tape in the previous steps.
- To disconnect, flip up the small latch on each connector, opposite its cable, and then gently pull the cable free.

Step 13



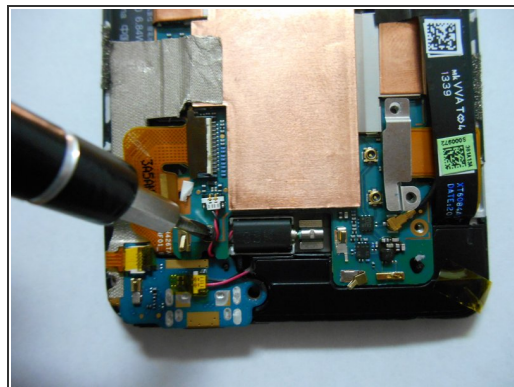
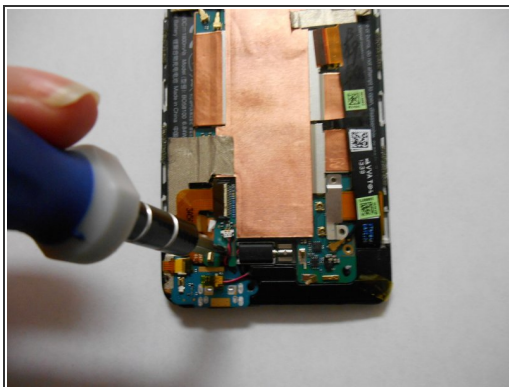
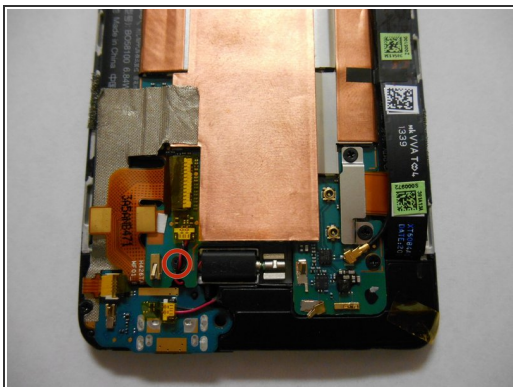
- Peel off the silver strip with your tweezers.
- Using your hands, detach the black strip from the board without removing it.

Step 14



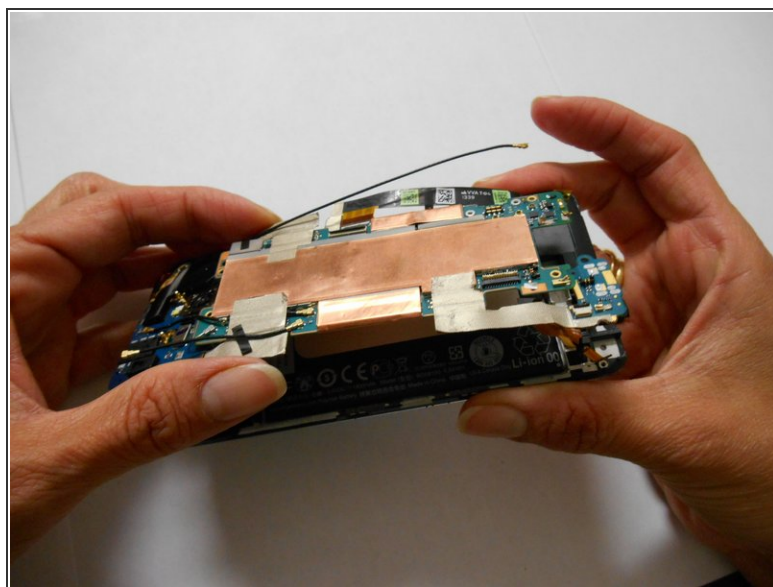
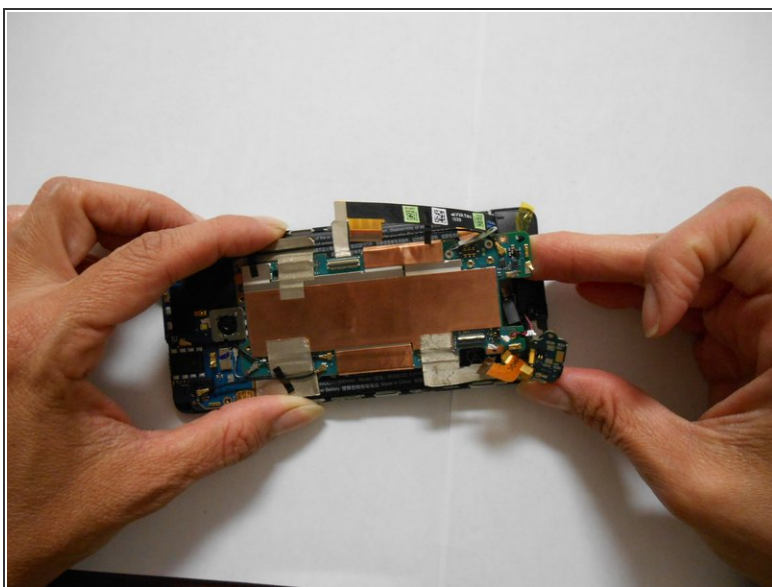
- Detach carefully with your tweezers the volume buttons.
- Detach the power button with your tweezers.

Step 15



- Identify the screw behind the cable.
- Remove the screw using a Phillips screwdriver.

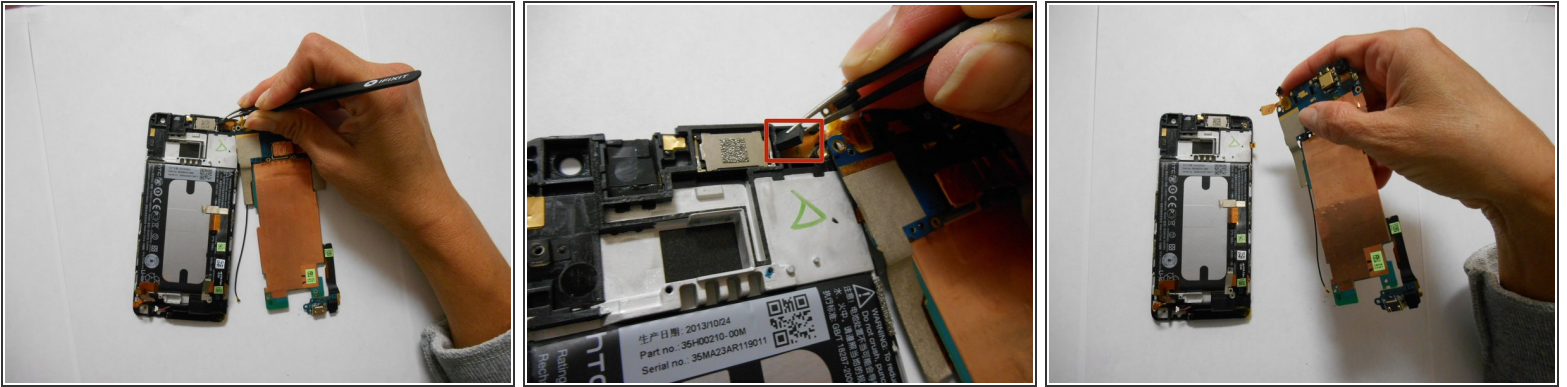
Step 16



- Lift the motherboard, but don't try to remove it completely yet.

⚠ Handle the board only by the edges.

Step 17



- Using your tweezers, remove the black square located in the power button.
- Remove the motherboard completely.

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