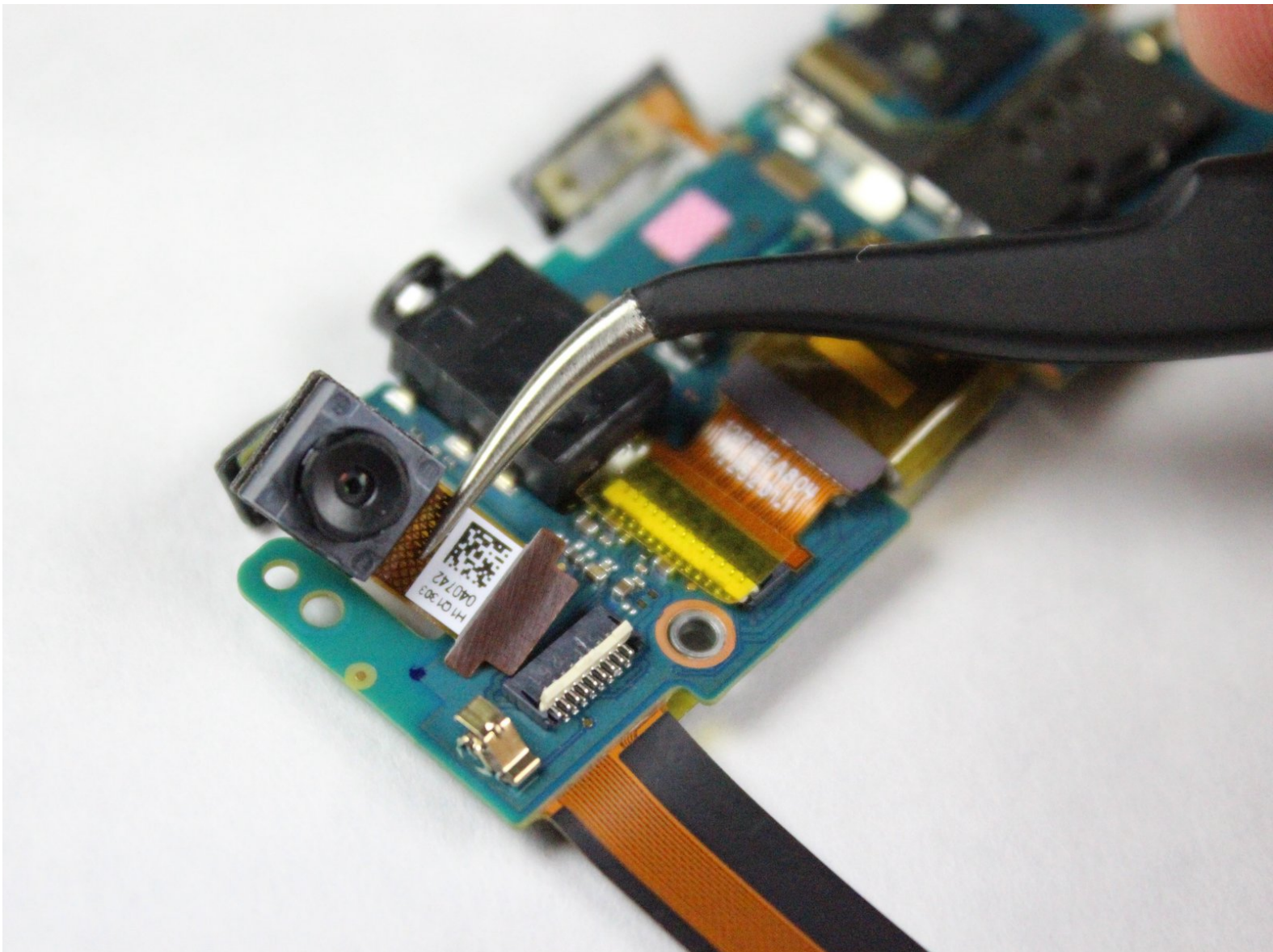




# HTC Droid DNA Front-Facing Camera Replacement

This guide will help you replace a malfunctioning front facing camera.

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## INTRODUCTION

There are two cameras on this phone, so be sure you know which camera you are replacing before starting this guide.

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### TOOLS:

- [Paper Clip](#) (1)
  - [T5 Torx Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Remove the SIM Card Tray



- Poke a paperclip into the hole to the right of the SIM Card Tray. The SIM Card Tray will automatically pop out.

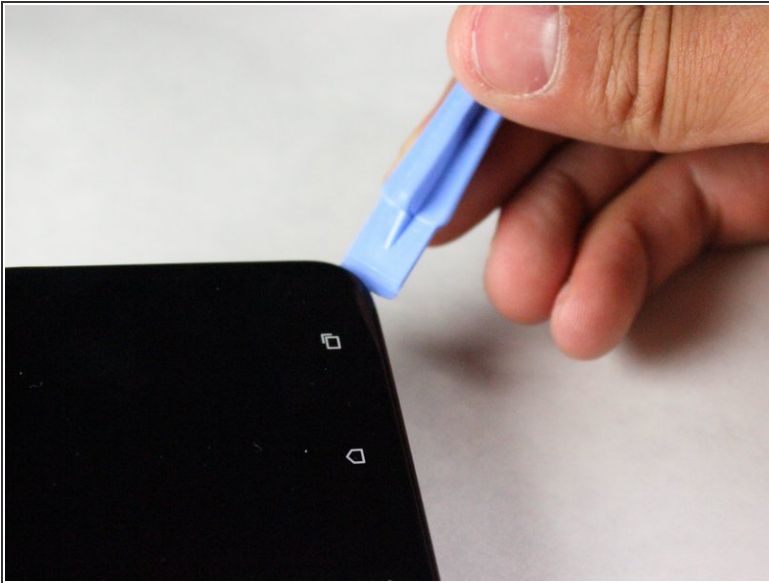
## Step 2 — Removing the SIM Card Tray



- Pull out the SIM Card Tray with your fingers.



### Step 3 — Loosen the Phone Casing



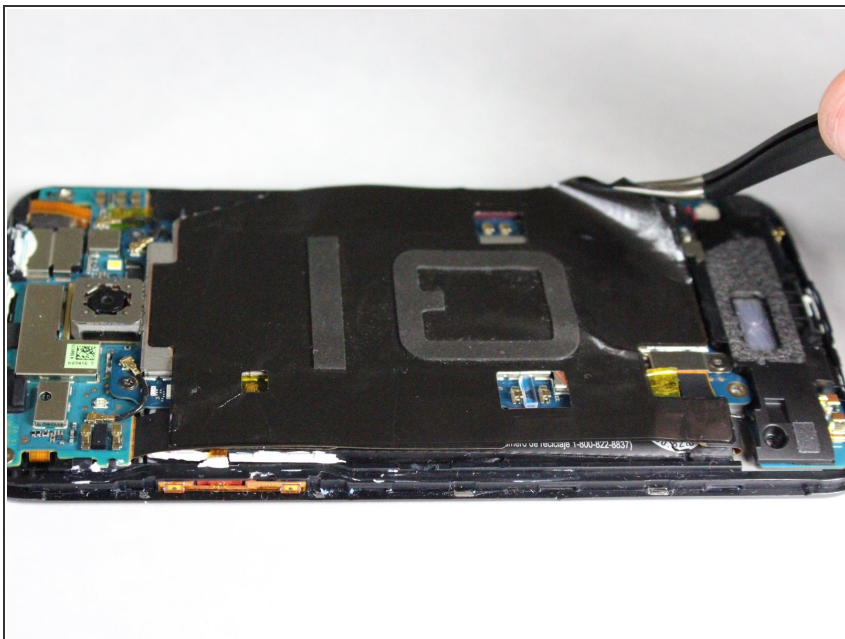
- ⓘ Make sure the USB cover on the bottom of the phone is removed first.
- Starting at a corner, slowly work your way around the edge of the sides with your prying tool to loosen the front panel.
- ⓘ Take your time. A lot of force is necessary to loosen the front panel.

### Step 4 — Pull the Casing Apart



- Slowly pull the panel apart from the back of the phone.
- ⓘ Apply a moderate force to pry the panel from the back of the phone.

## Step 5 — Remove the Black Tape



- Set the device down so that the bottom of the phone is facing to the right.
- Gently take off the piece of black tape surrounding the motherboard.

⚠ Be careful not to rip the tape.

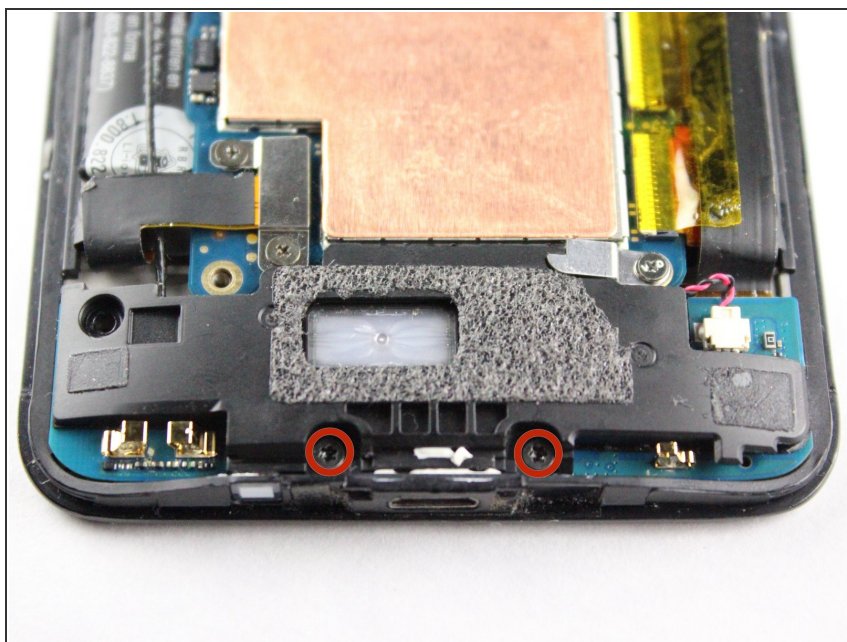
## Step 6 — Remove the Yellow Tape



- Use your tweezers to take off the yellow tape on the bottom left corner of the phone.

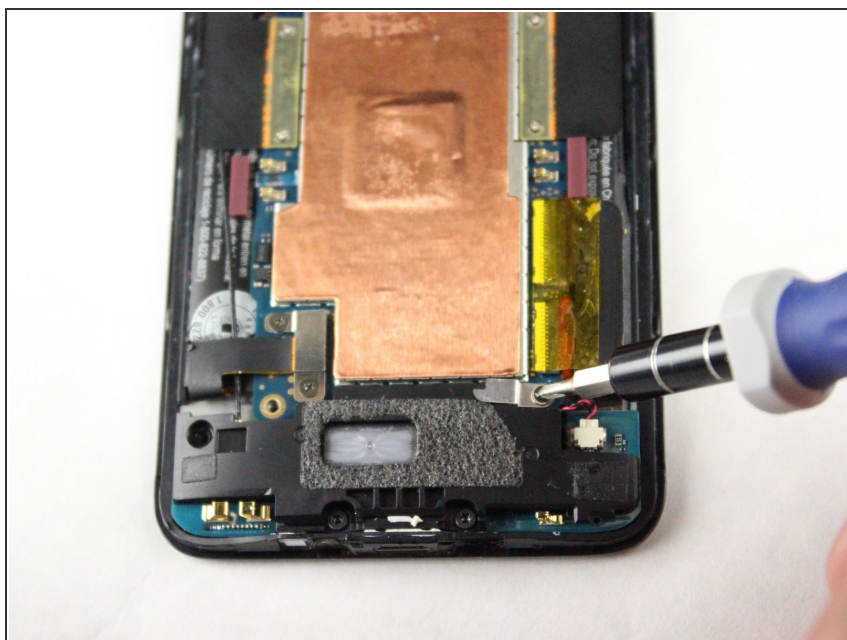


## Step 7



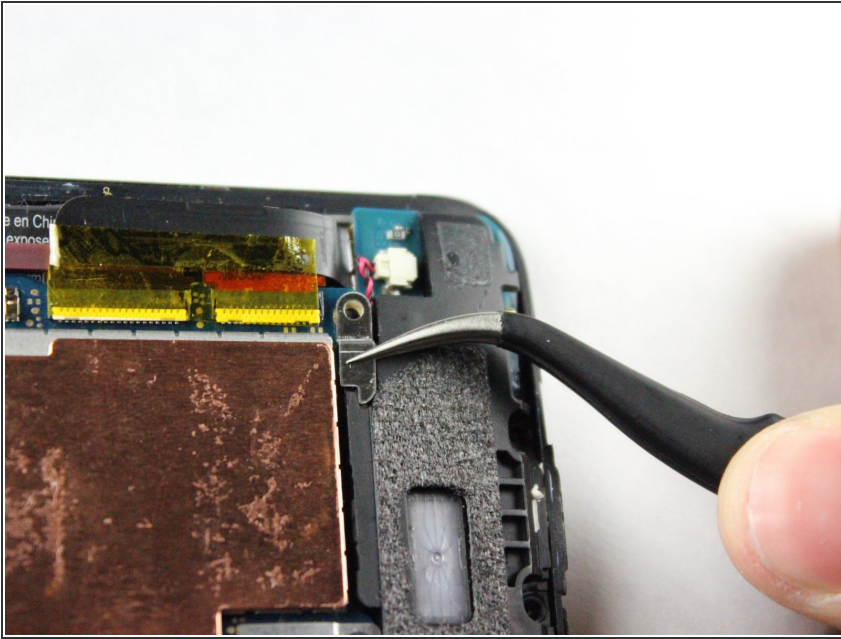
- Rotate your phone 90 degrees clockwise so the bottom of the phone is facing you.
- Use the T5 Torx screwdriver to remove the two 4mm screws located at the bottom of the phone.

## Step 8 — Remove the Void Screw



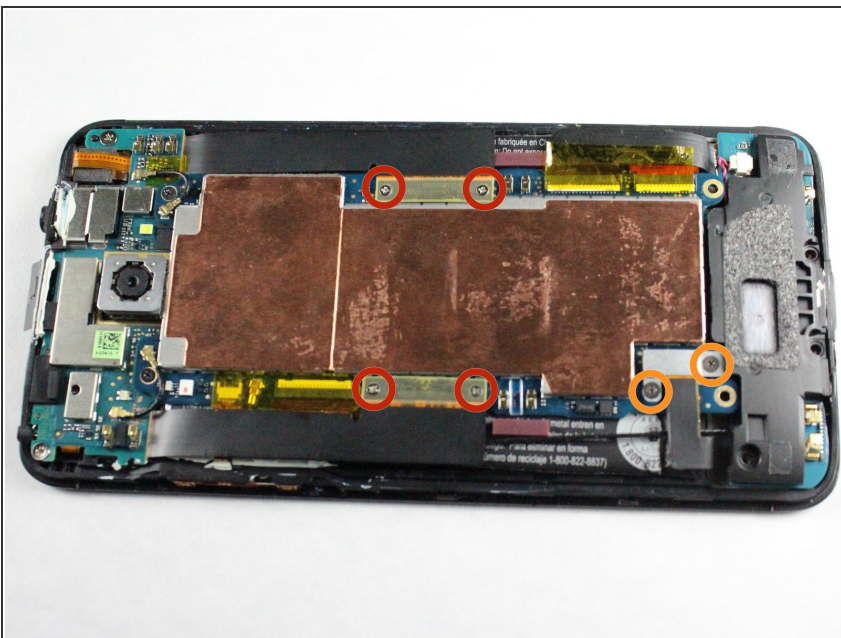
- Use the Phillips #000 screwdriver to remove the single 2.7mm void screw on the bottom right.

## Step 9 — Remove the Screw Retaining Bracket



- Rotate your phone back 90 Degrees counter-clockwise.
- Use your tweezers to take off the small metal retaining bracket on the bottom right of the phone.

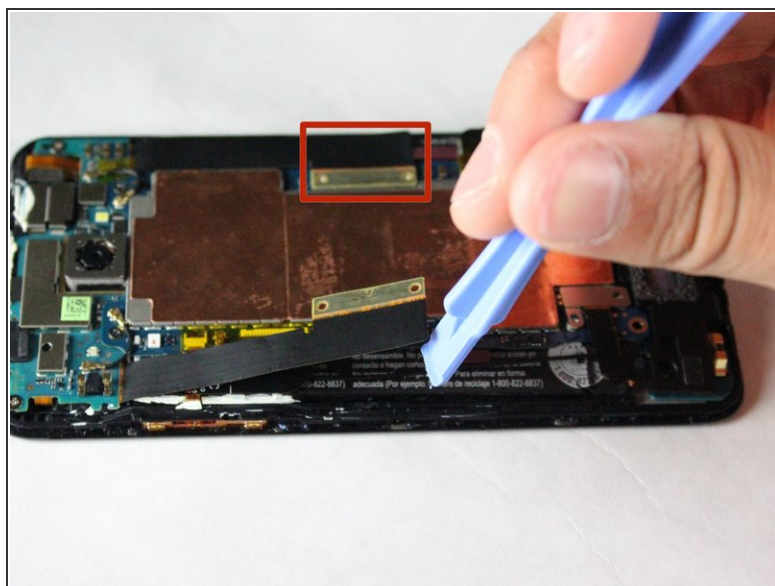
## Step 10 — Remove the Connector Screws



- Remove the following Phillips #000 screws from the motherboard:
  - Four 1.6 mm screws
  - Two 1.5 mm screws

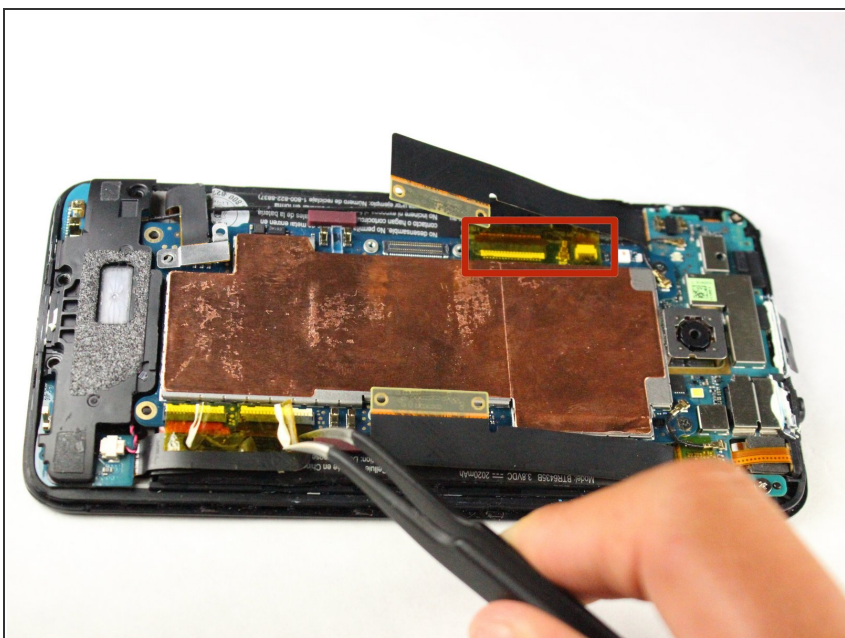


## Step 11 — Unfasten the Connectors



- Use your pry tool to unfasten the connectors on both sides of the motherboard.
- ⚠ The connectors will still be attached to the green camera board at the top so DO NOT try to pull them off or bend them severely.

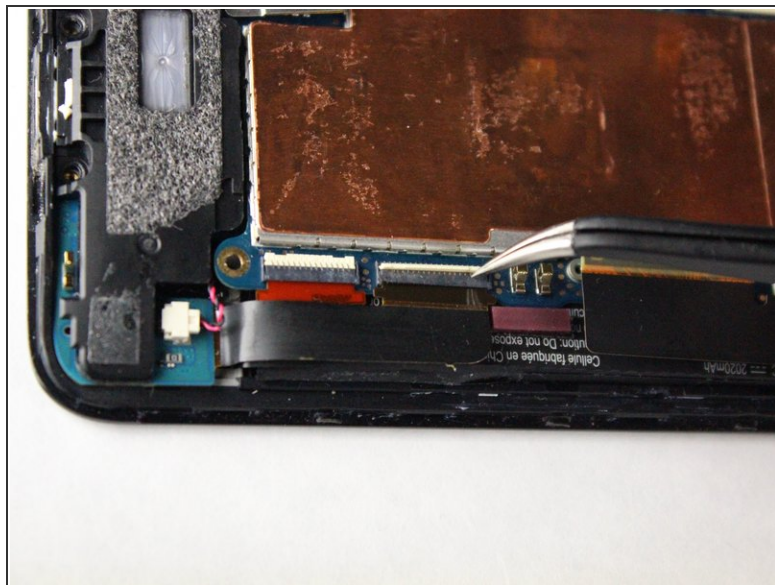
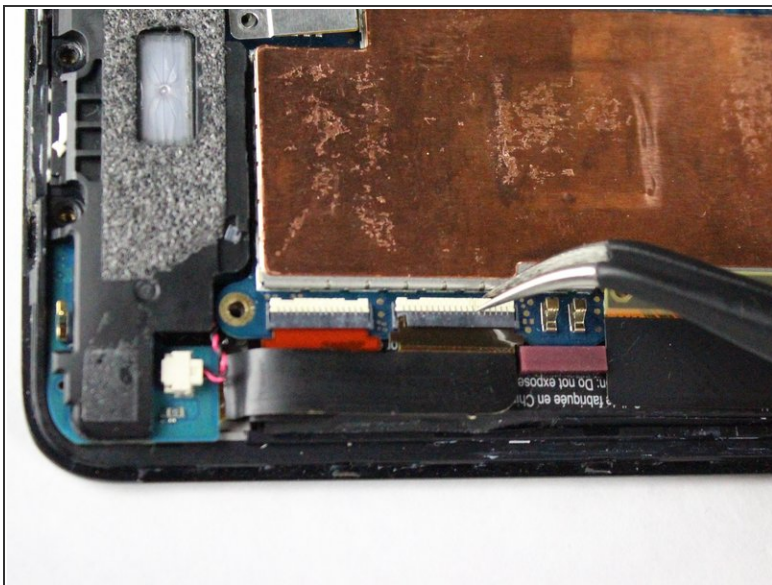
## Step 12 — Remove the Yellow Tape



- Use your tweezers to remove the two pieces of yellow tape shown.

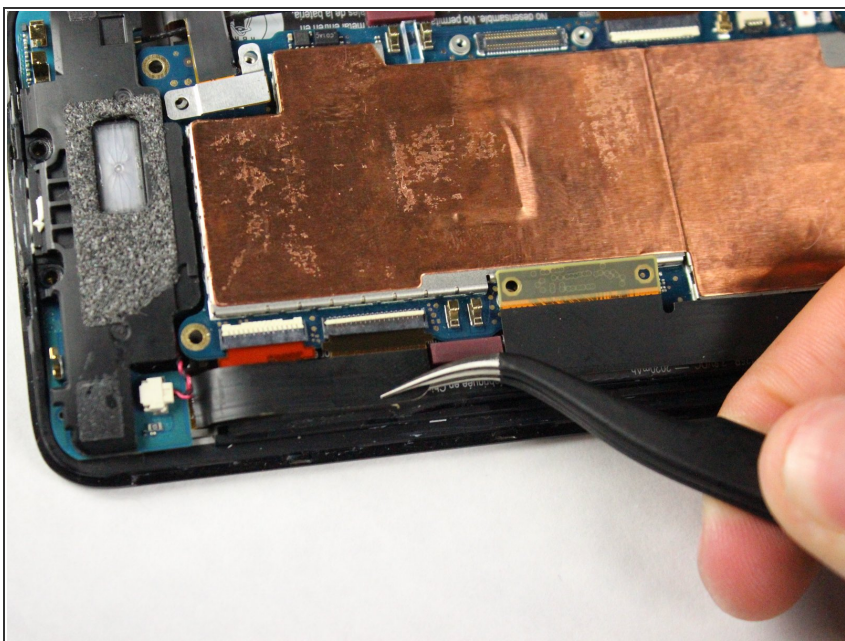


## Step 13 — Flipping up the White Board




- Use your tweezers to gently snap up the white board on the bottom right of the motherboard.

## Step 14 — Disconnect the Connector



- Use your tweezers to disconnect the black connector on the bottom right of the motherboard.

 Be careful not to bend the Flex Cable of the Connector.

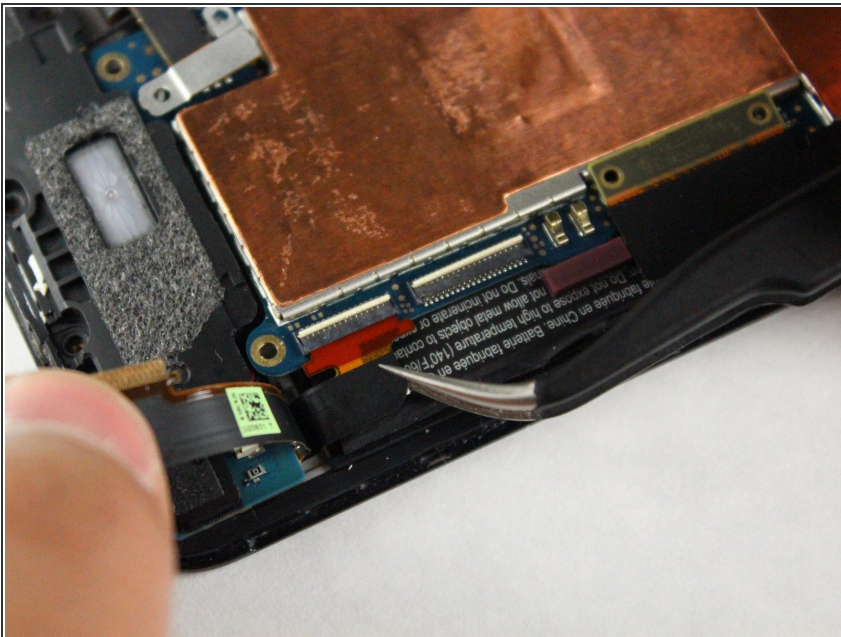


## Step 15 — Flipping up the White Board



- Use your tweezers to gently snap the other white board on the bottom right of the motherboard up.

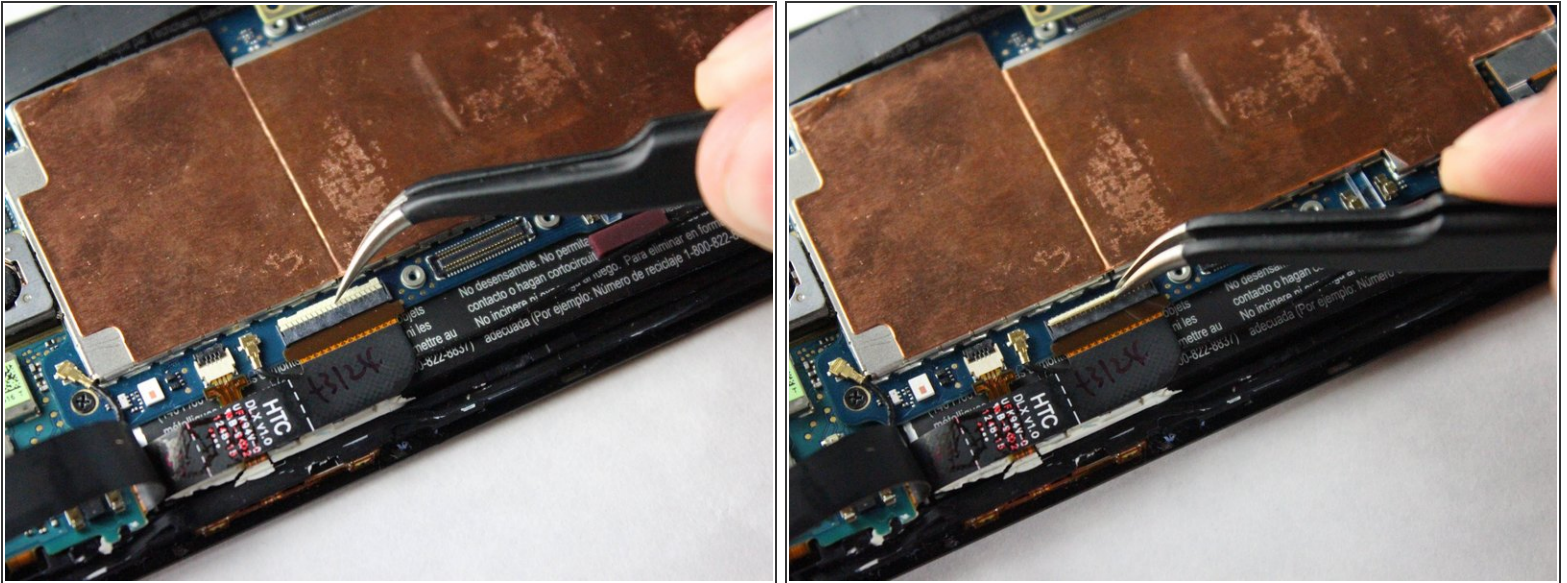
## Step 16 — Disconnect the Connector



- Use your tweezers to disconnect the other small connector on the bottom right of the motherboard.
- ⚠ Be careful not to bend the Flex Cables for the Connector.

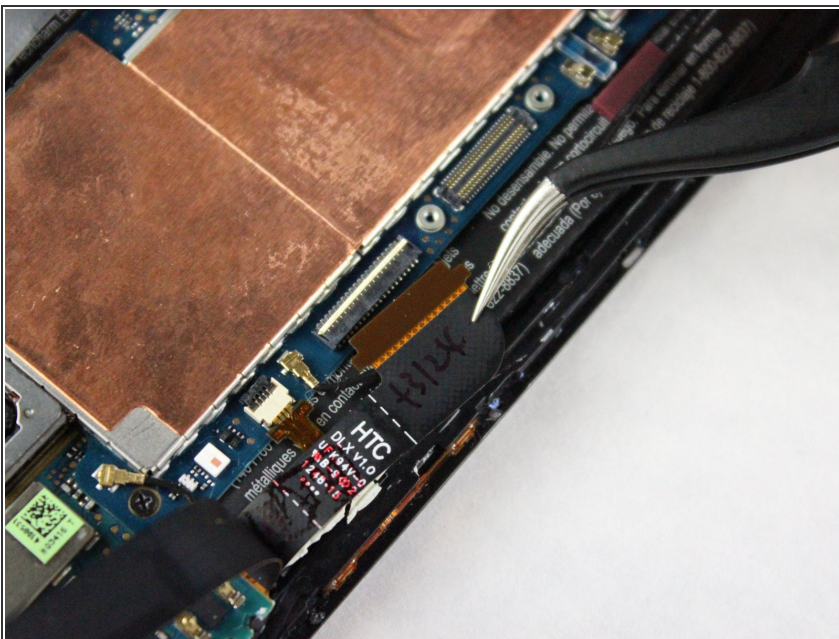


## Step 17 — Flipping up the White Board



- Rotate the phone 180 degrees.
- Use your tweezers to gently snap up the white board on the top left of the motherboard.

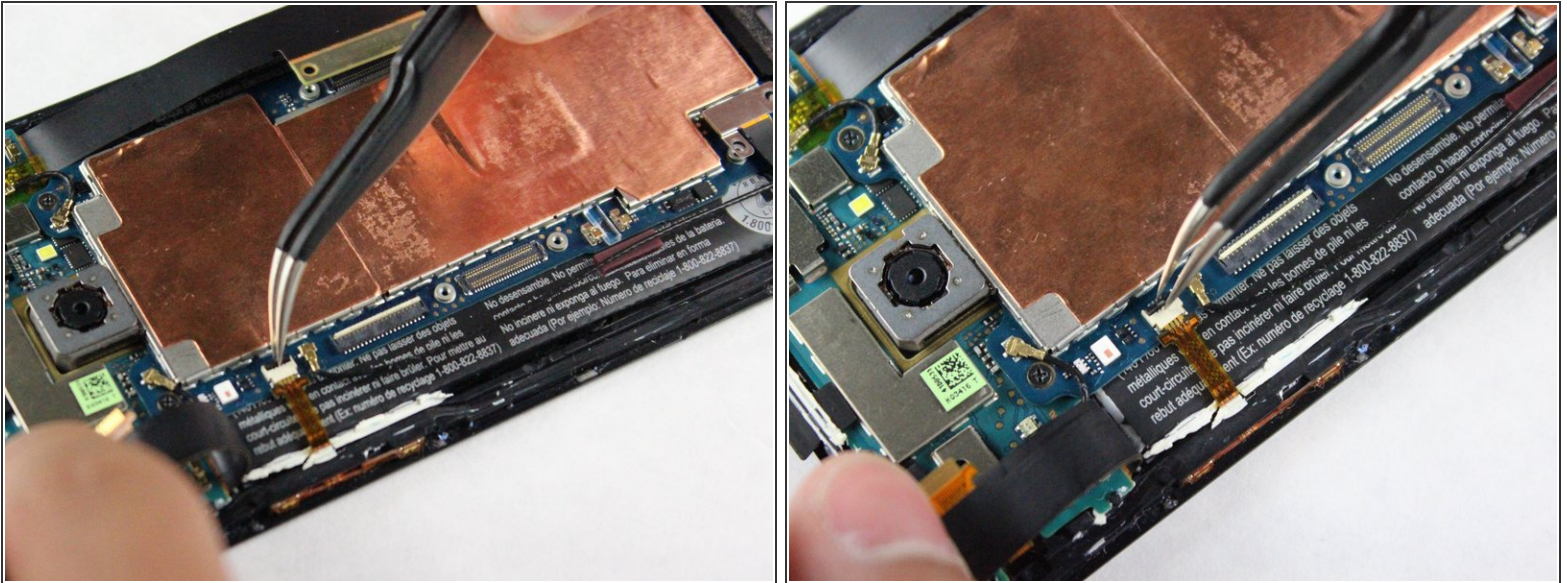
## Step 18 — Disconnect the Connector



- Use your tweezers to disconnect the cable on the top left of the motherboard.
- ⚠ Be careful not to bend the Flex Cable of the Connector.

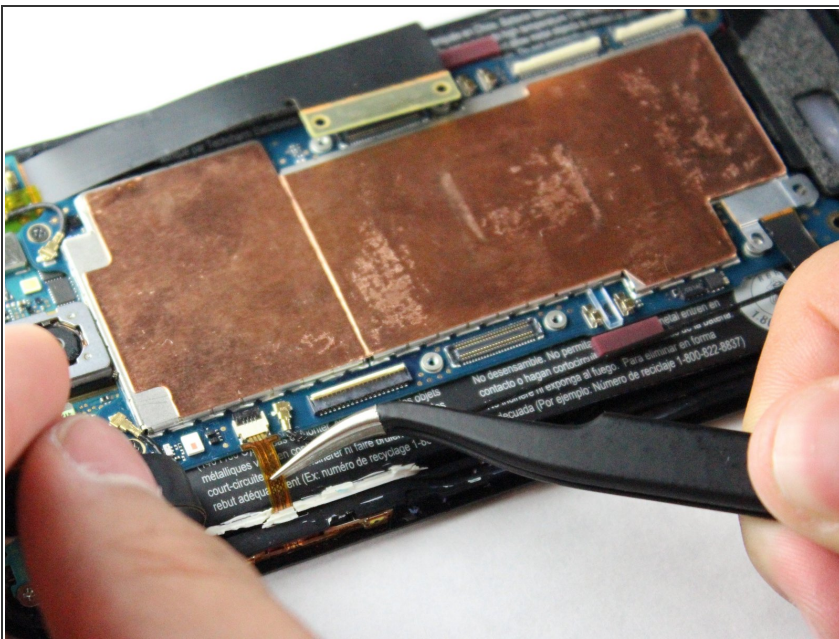


## Step 19 — Flipping up the Black Board



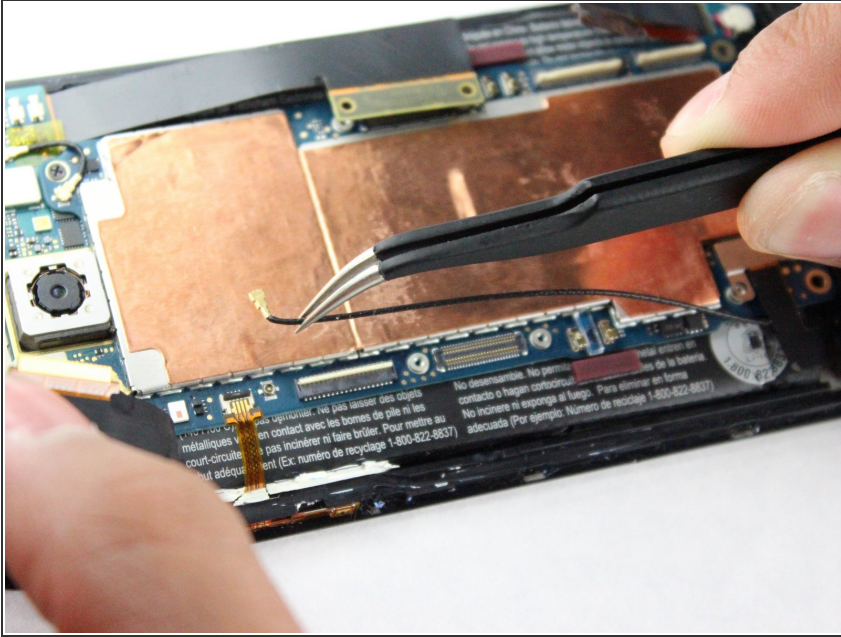
- Use your tweezers to gently snap up the black board on the top left of the motherboard.

## Step 20 — Disconnect the Small Ribbon Connector



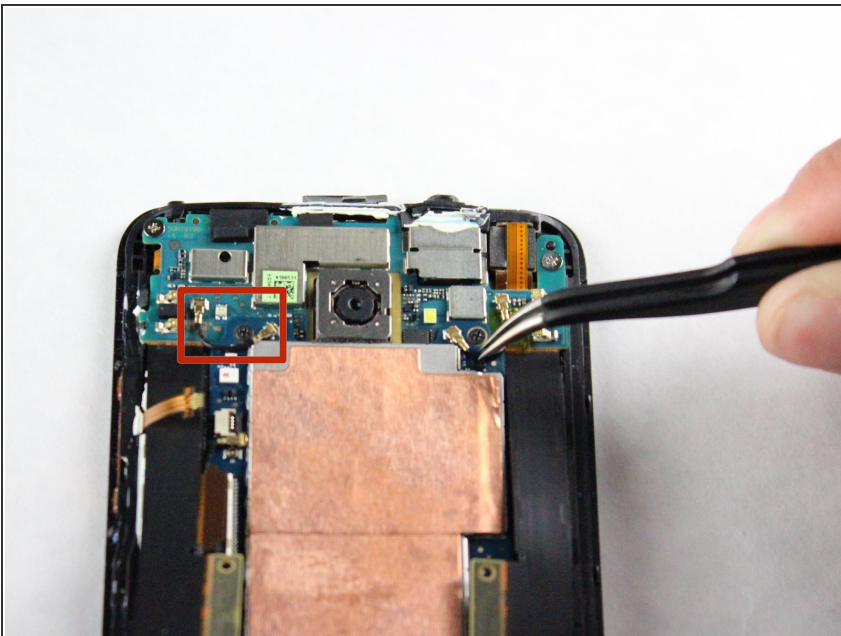
- Use your tweezers to gently remove the yellow connector on the top left of the phone.

## Step 21 — Remove the Black Wire



- Remove the long black wire on the left of the motherboard.

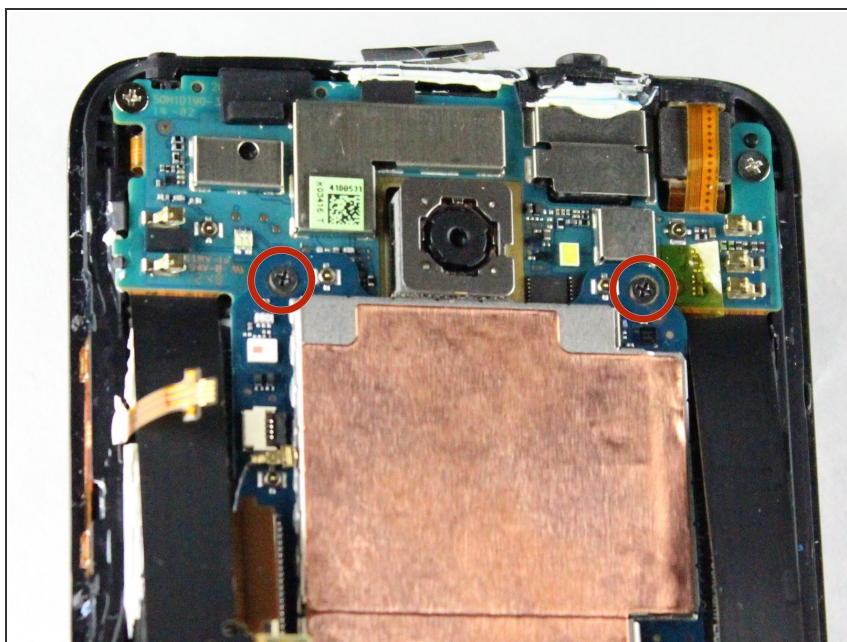
## Step 22 — Remove the Two Black Wires



- Reorient the phone so that the green camera board is farthest from you.
- Use your tweezers to remove the two wires located at the top of the board. The wires snap off very easily so not much force is needed.

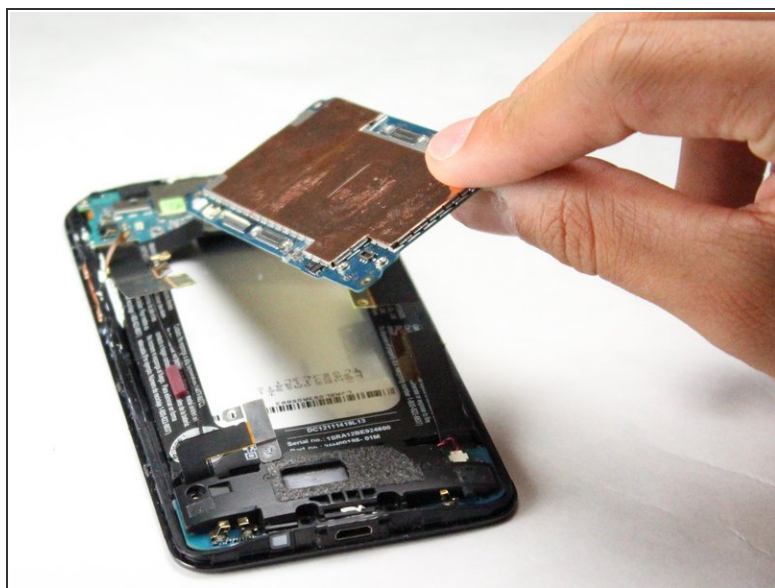
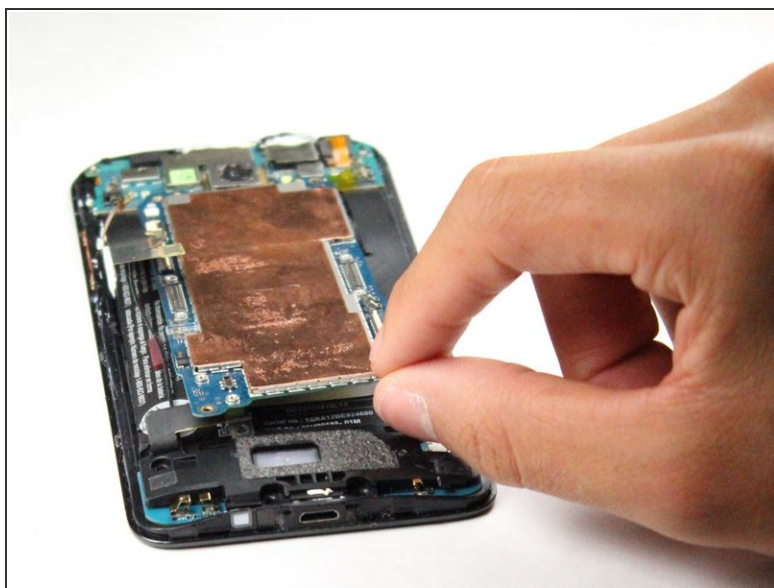


## Step 23 — Remove the Screws



- Use a Phillips #000 screwdriver to remove the two 3.9mm screws on top of motherboard.

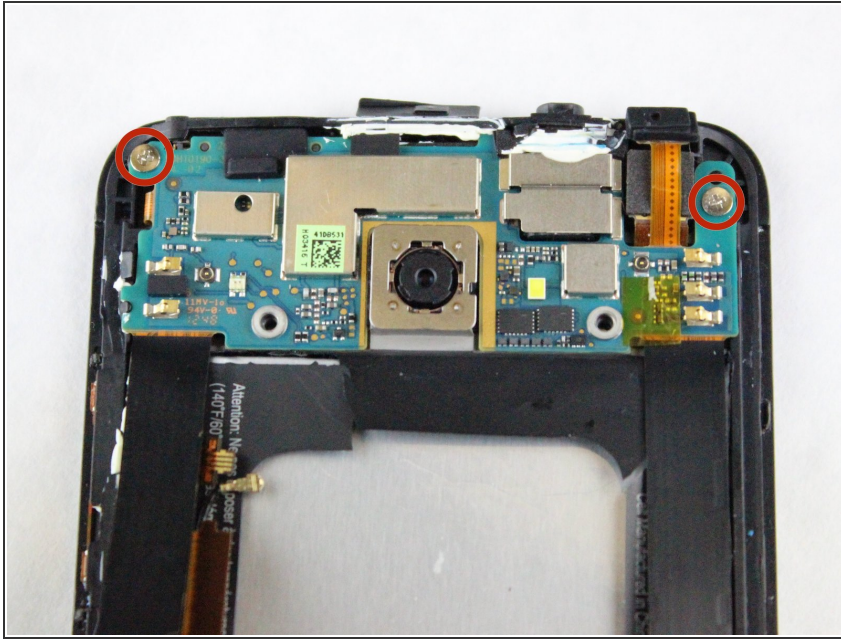
## Step 24 — Remove the Motherboard



- Now, use your fingers to slowly pull up the motherboard and remove it from the phone.



## Step 25 — Remove Screws



- Use a Phillips #000 screwdriver to remove the two 2.1mm screws on the top of the camera board.

## Step 26 — Loosen the Adhesive



- Use the pry tool along the bottom and sides of the camera board to loosen the adhesive.

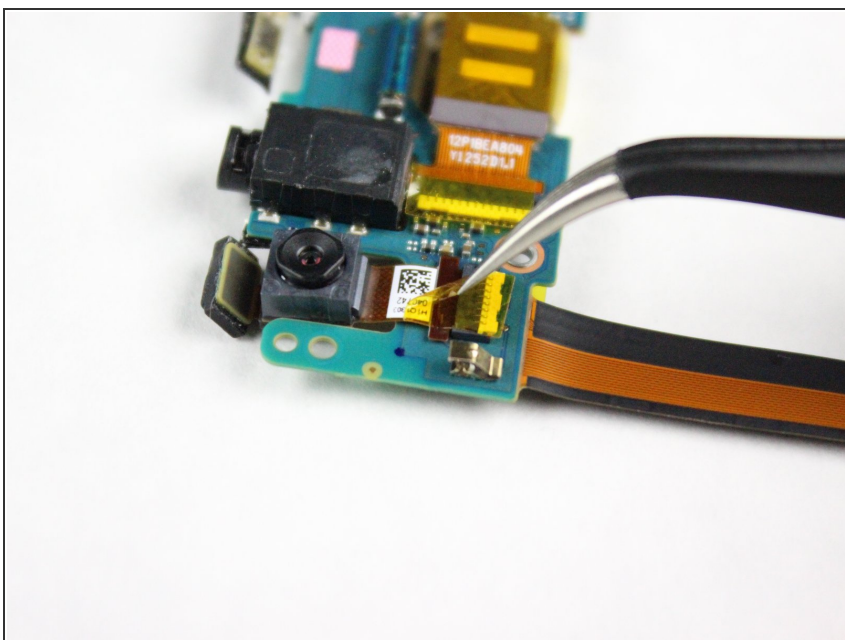
⚠ The power button and headphone jack need to be carefully removed with the camera board or they could snap off of the camera board.

## Step 27 — Remove Camera Board



- Slowly lift the camera board up and work on removing the remaining adhesive. You can then take the camera board off of the phone.

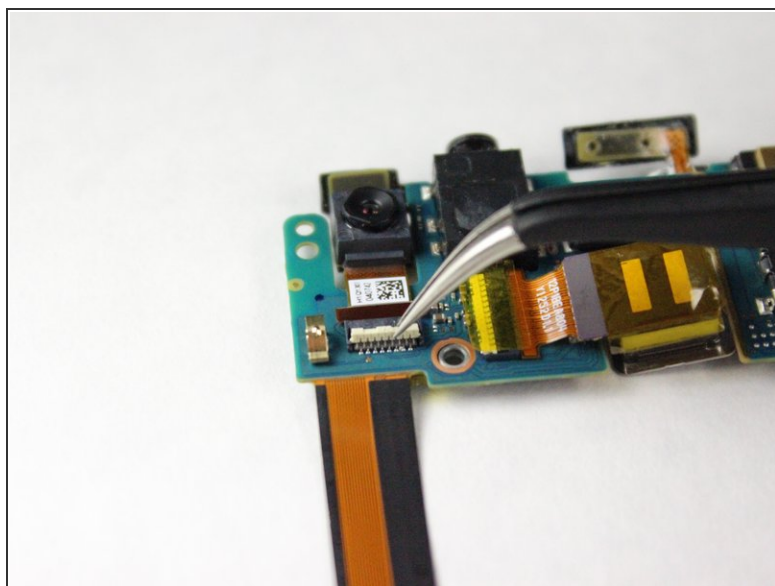
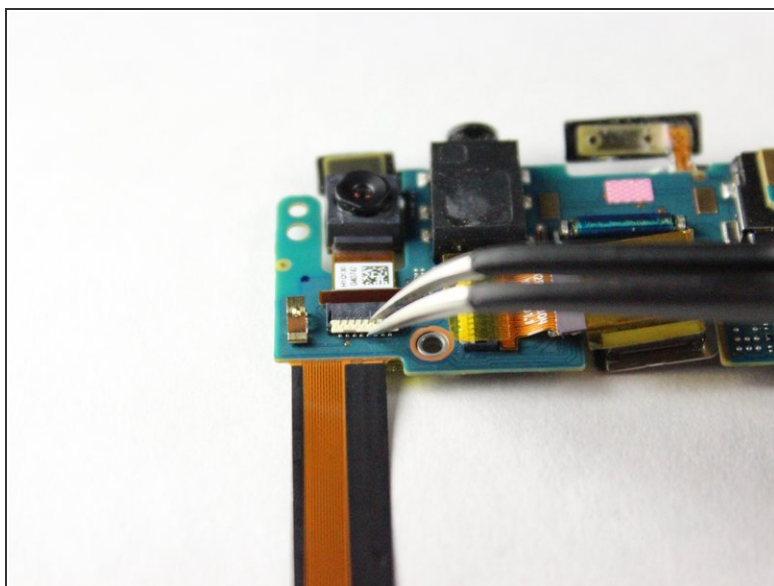
## Step 28 — Remove Yellow Tape



- Use your tweezers to gently remove the yellow tape on the far left side of the camera board.

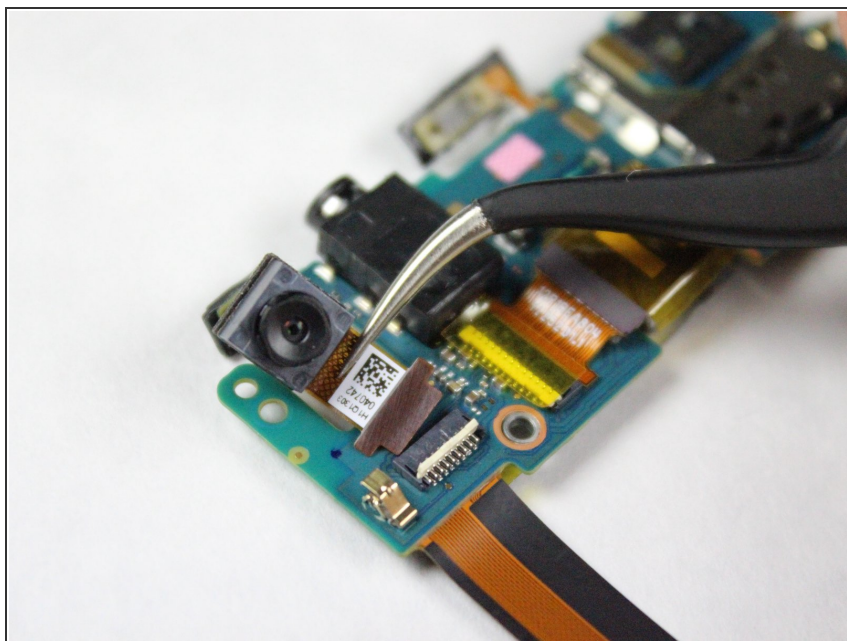


## Step 29 — Release the White Connector Clip



- Use your tweezers to gently flip the white connector clip into the upright position.

## Step 30 — Remove Front-Facing Camera



- Use your tweezers to gently pull the front facing camera off the camera board.

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