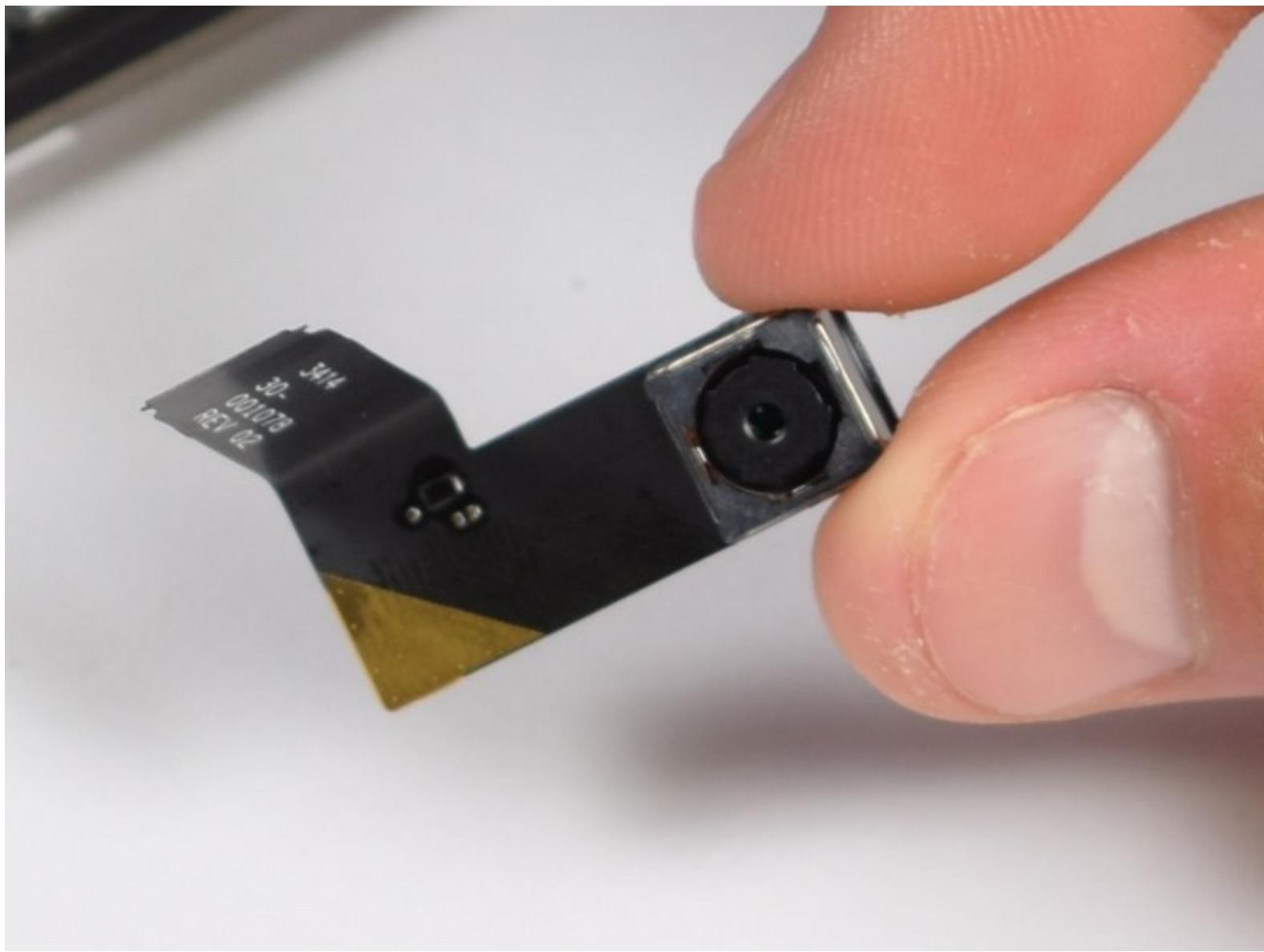




Amazon Fire HDX 8.9" 4th Gen. Rear Facing Camera Replacement

This guide will provide you a step by step process of removing and replacing the Amazon Fire HDX 8.9" rear camera.

Written By: Sidney Stefani



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INTRODUCTION

If your camera has stopped working or has become damaged this guide will be the solution to your problem. We are confident that anyone can fix this. Good luck!

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)

PARTS:

- [Kindle Fire HDX 8.9" Rear Facing Camera](#) (1)
- [Kindle Fire HDX 8.9" Rear Camera Enclosure](#) (1)
- [Kindle Fire HDX 8.9" Camera Frame](#) (1)

Step 1 — Screen



- Ensure that the device is turned off.
 - Holding the device firmly, wedge a plastic opening tool between the speaker cover and the device. Then pry up to separate it from the device.
 - Then begin to firmly pry up the plastic cover with the plastic opening tool.
- i*** The backing is connected with adhesive so force may be necessary.
- !** Be careful to not damage the plastic in any way.
- Once you can fit your finger under the plastic cover, begin to slide your finger down the cover while simultaneously prying up.

Step 2



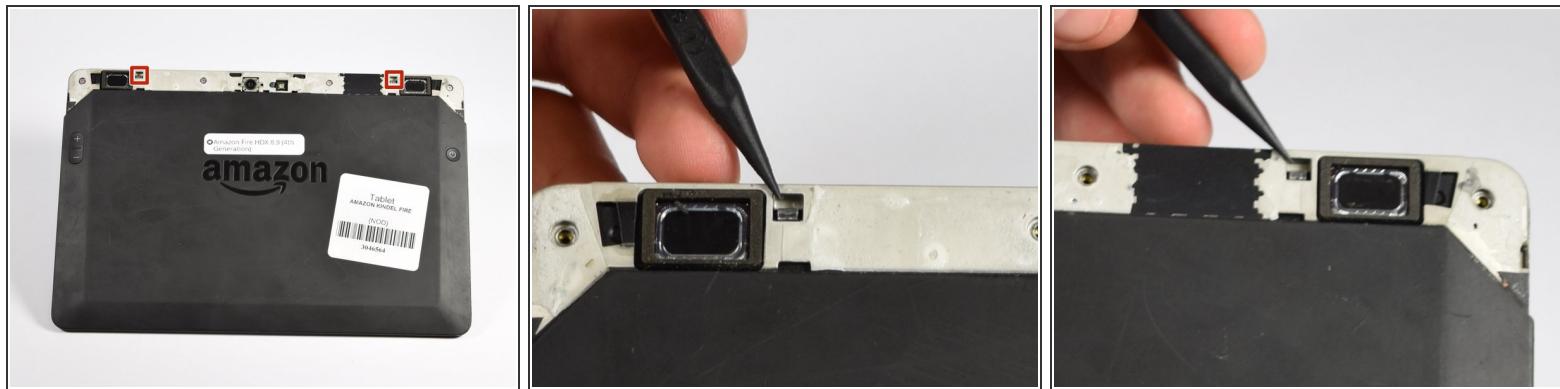
- Once you reach the end of the plastic cover you should be able to completely remove it from the device.

Step 3



- Use a T5 screwdriver to remove the four 3.5 mm T5 screws at the top of the device, where the black plastic trim was located.

Step 4



- Release the two clear plastic clips at the top of the device near the speaker using the spudger.
- Simply push down the clip with the tip of the spudger.

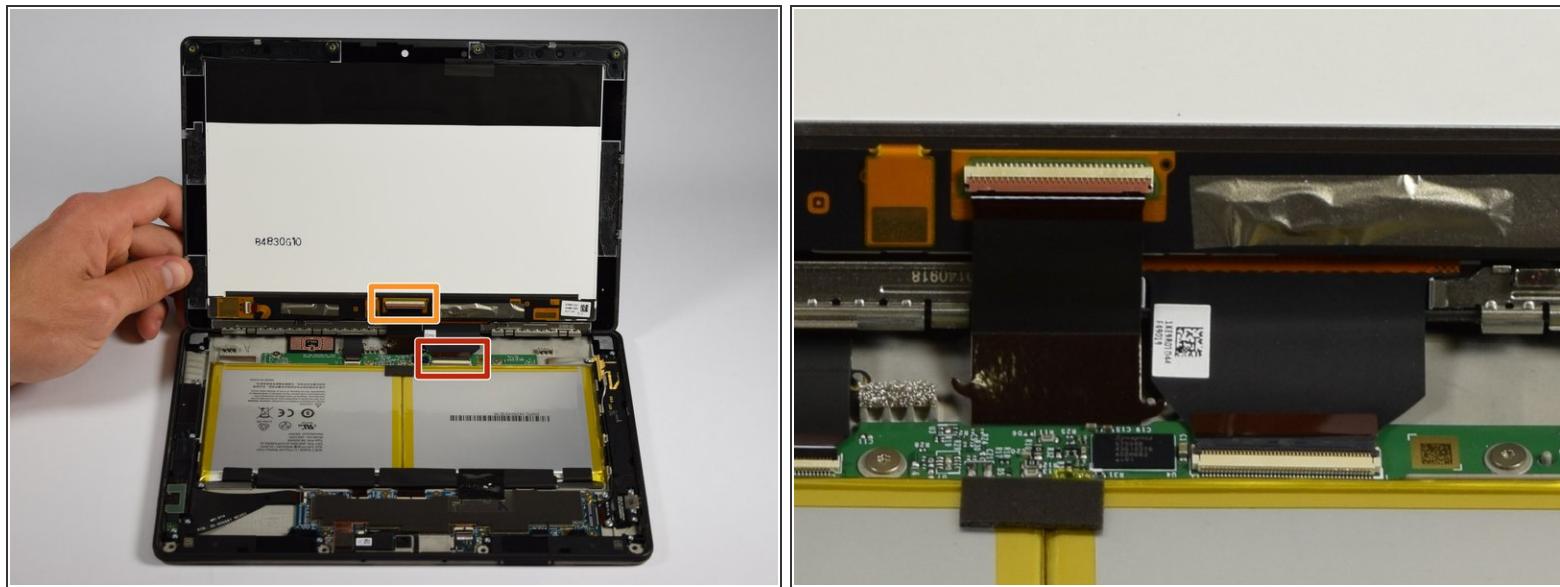
 Push lightly to ensure that the clips aren't damaged.

Step 5



- Use a plastic opening tool to wedge between the screen and the device, while simultaneously holding the clip open from step 4.
-  Pry the screen very gently to avoid cracking the glass
- Start to remove the screen from where the black plastic trim was removed and work the tool around the sides of the device. You will here small pops from the clips on the sides being released.
 - The Amazon Fire can now be opened with the two flex cables at the base still connected

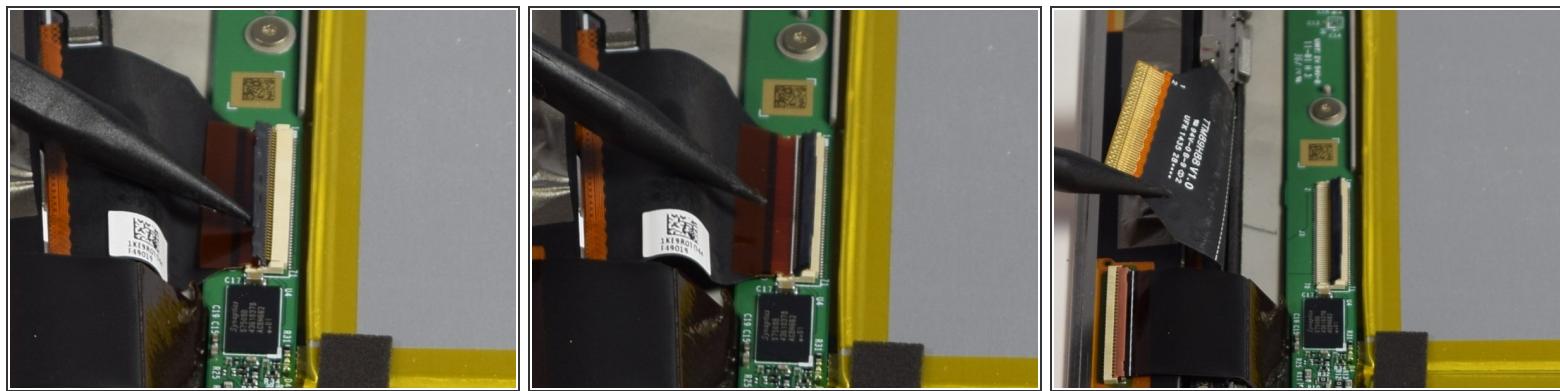
Step 6



- Now we have to remove the two flex cables attached to both the screen assembly and body of the device.

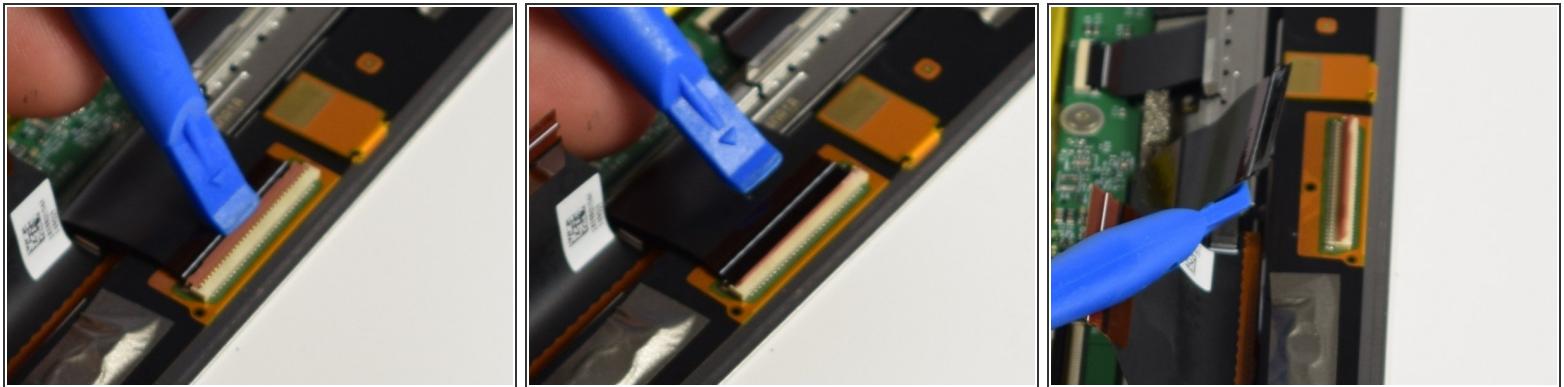
(i) The cable addressed in step 8 is highlighted in orange.

Step 7



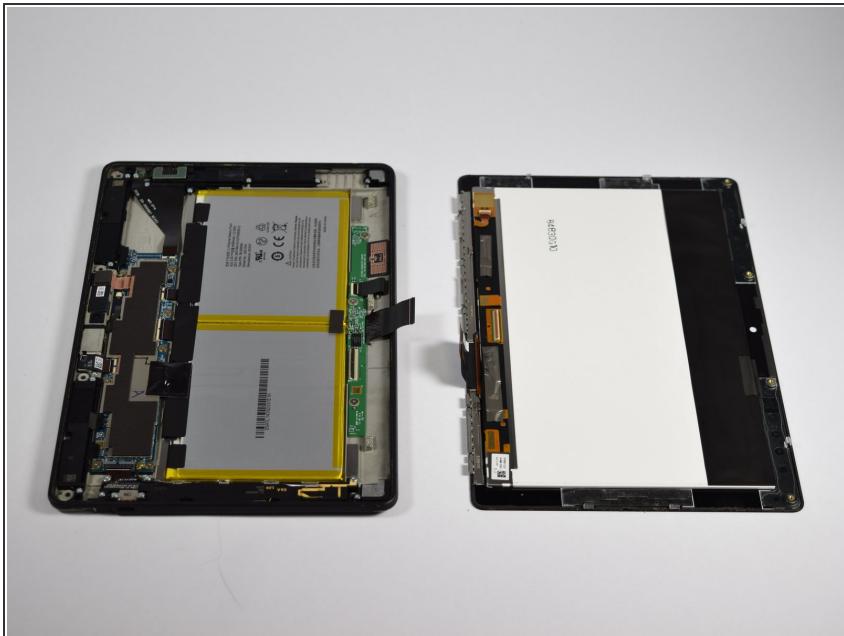
- First turn the device 90 degrees counterclockwise.
- Wedge a spudger or plastic opening tool under the black flap of the larger connector and lift up.
- Pull the belt out of the connector and lift it up.

Step 8



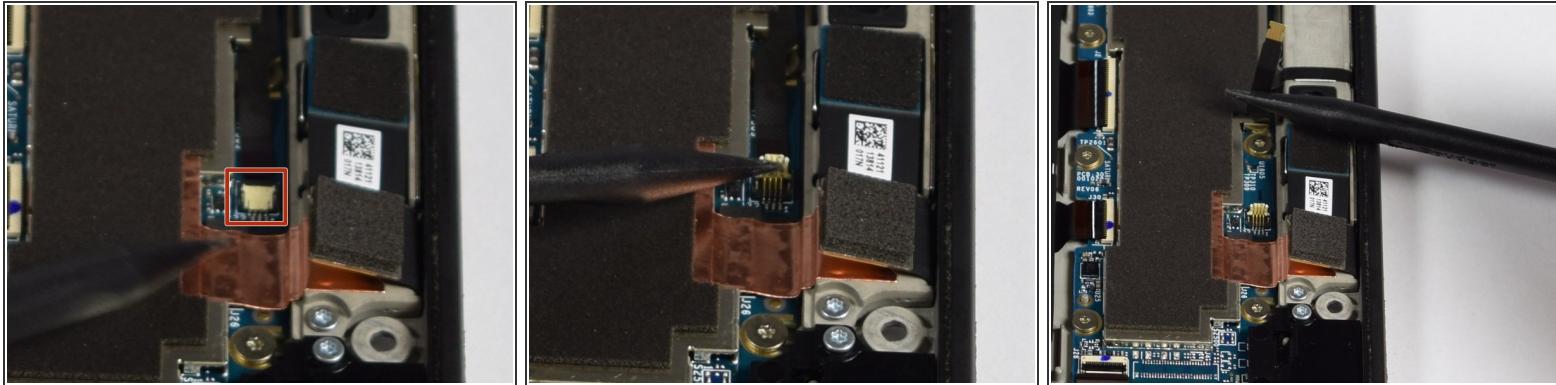
- Turn the device 180 degrees.
- Repeat step 7 for the smaller flex cable connection.

Step 9



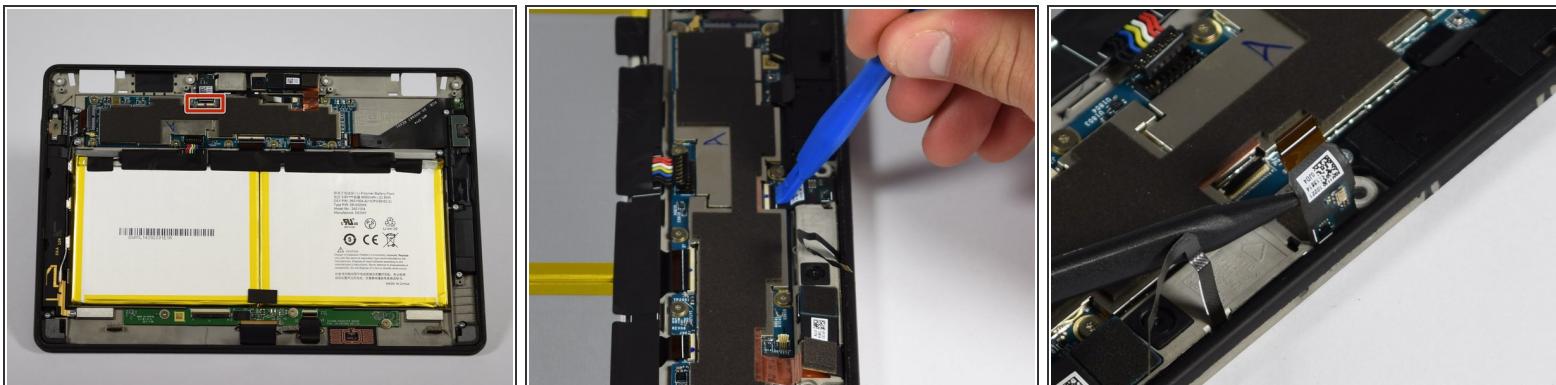
- Your screen assembly has now been removed and can be replaced.

Step 10 — Rear Facing Camera



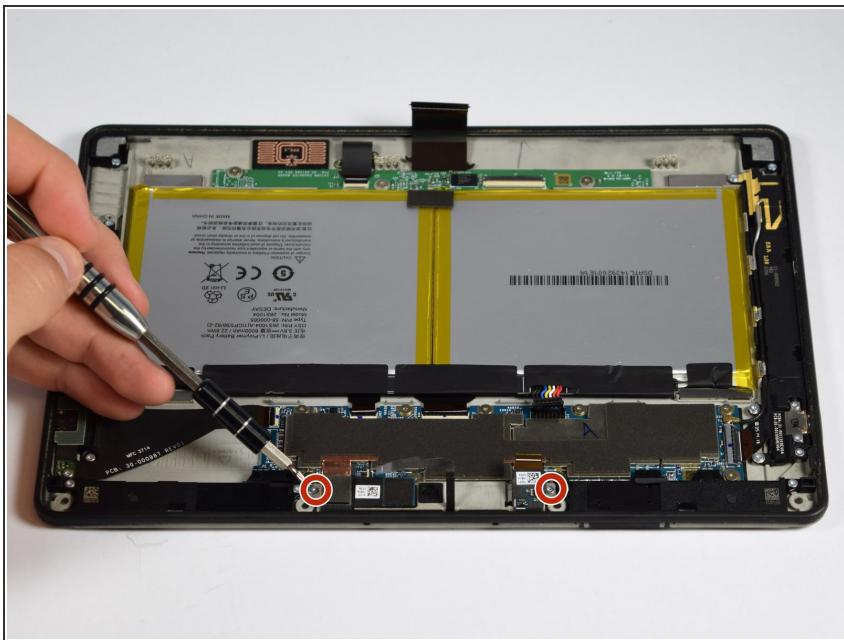
- Use the spudger to lift the the small white flap holding the narrow cable down.
- Pull the narrow flex cable up and out to detach it from the motherboard.
- *(i)* Push the band off to the side so it is out of the way.

Step 11



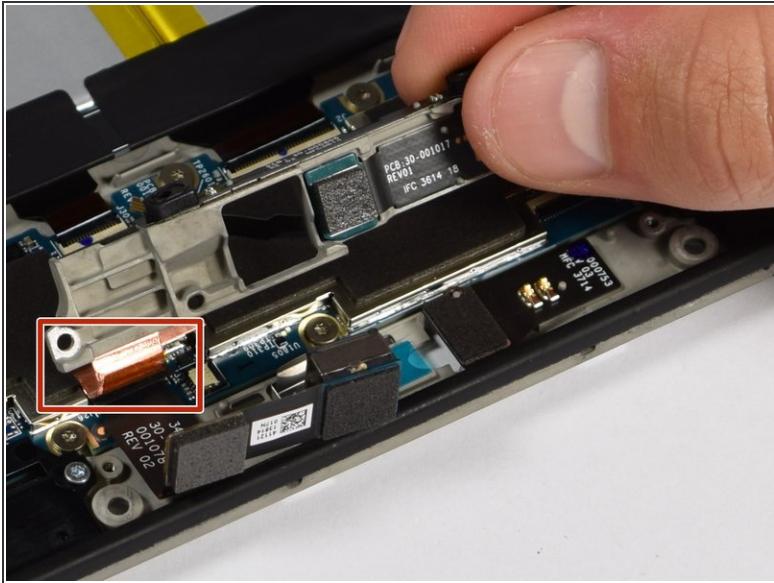
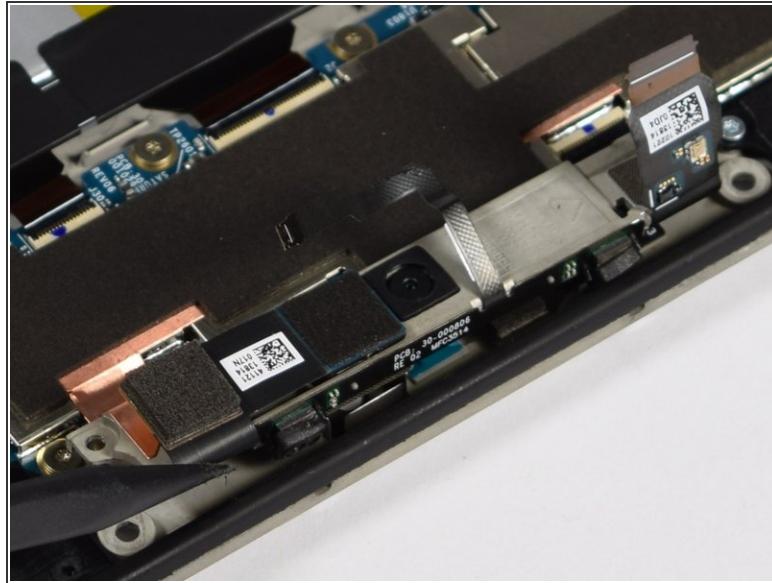
- Now we have to detach the second flex cable connected to the camera housing.
- Use a plastic opening tool to flip up the flap of the connector cable.
- Once the flap is flipped up you can pull the flex cable up and out using the spudger.

Step 12



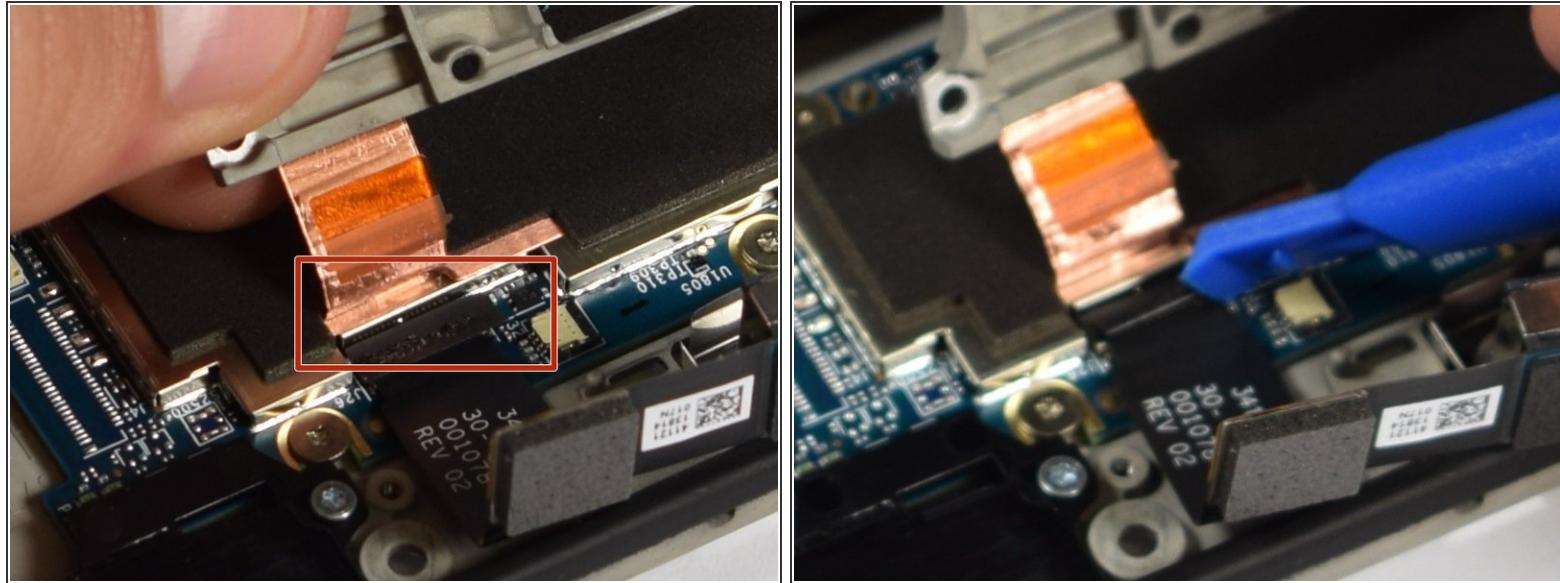
- Using a T5 screwdriver remove the two 2.5 mm T5 screws securing the grey camera housing to the device.

Step 13



- Using a spudger gently lift the camera housing from the device.
 - The housing is held in by two pins at the edge of the device so you have to pull the housing from the edge of the device inward and then up.
- ⚠** The camera housing is still attached by one cable, so do not attempt to remove yet.
- Under the copper strip you will see one more flex cable that needs to be detached. Proceed to step 5 to remove.

Step 14

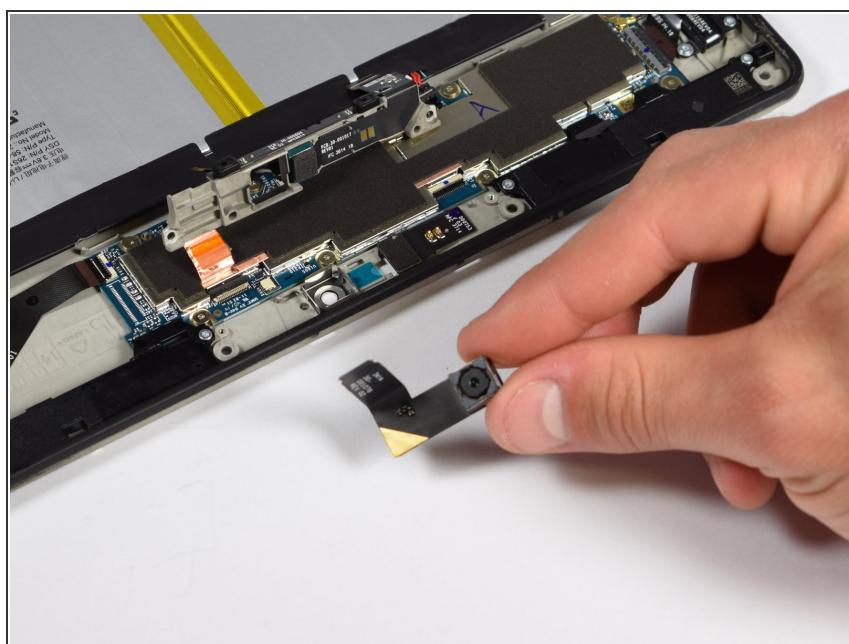


- Gently peel back the copper strip until you can see the flex cable connection under the black strip indicated.

 Be careful not to tear the copper strip.

- Use a plastic opening tool to release the flap on the plug and pull out the cable.

Step 15



- Once the flex cable is detached you can now remove the rear camera from the camera housing.

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