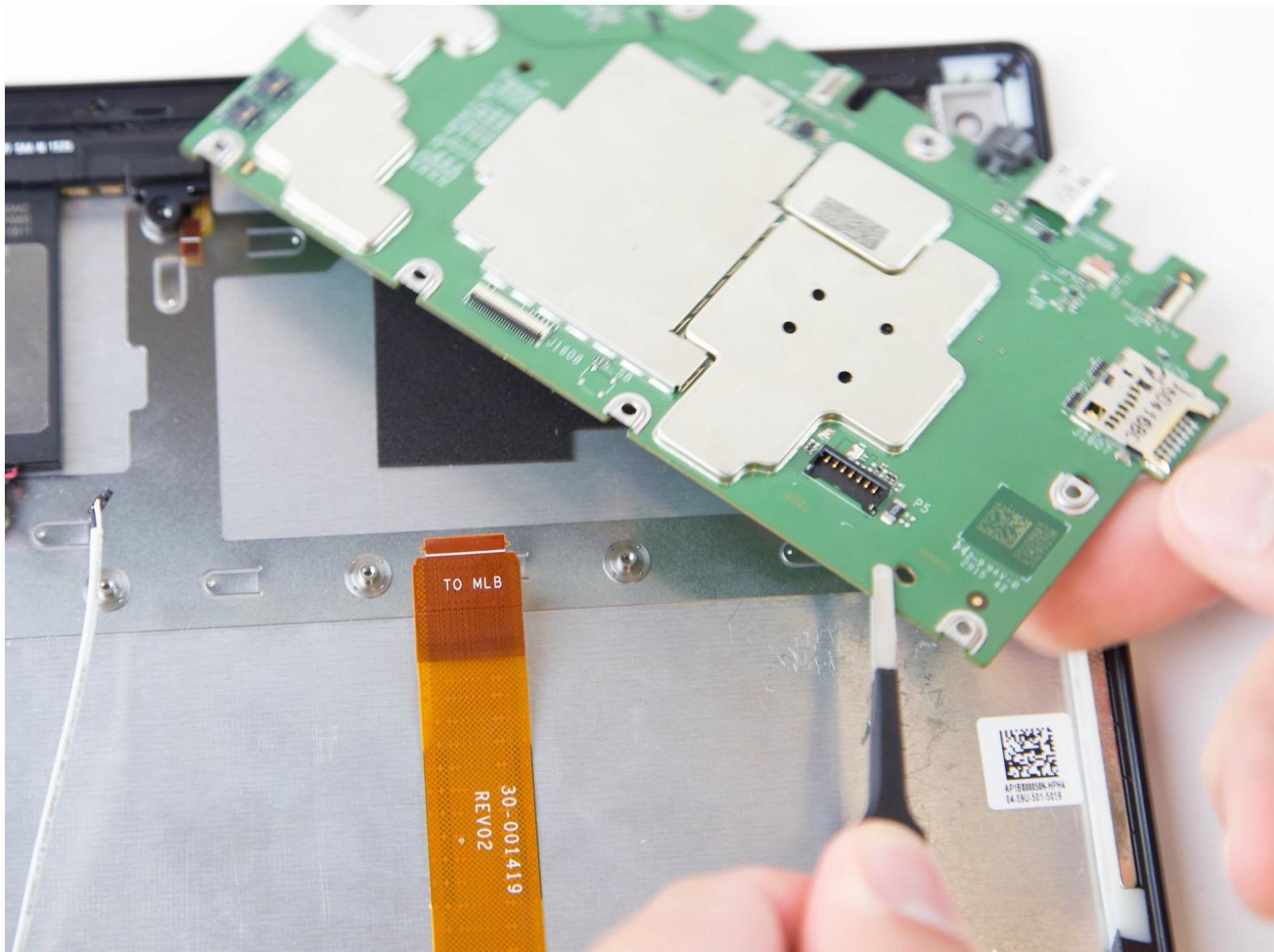




Amazon Fire HD 10 Motherboard Replacement

Replace the motherboard.

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INTRODUCTION

Use this guide to replace the motherboard in your Amazon Fire HD 10.

TOOLS:

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

Step 1 — Screen



! Avoid prying near bottom right hand side due to LCD Connector

- Use a plastic opening tool to pry the screen up in the right hand corner.

Step 2



! Do not completely remove the screen yet as there is a ZIF connector connected.

- Lift the screen and digitizer from the case.
- i You may need to use some force due to the glue.

Step 3



(i) Be mindful of the ZIF connector.

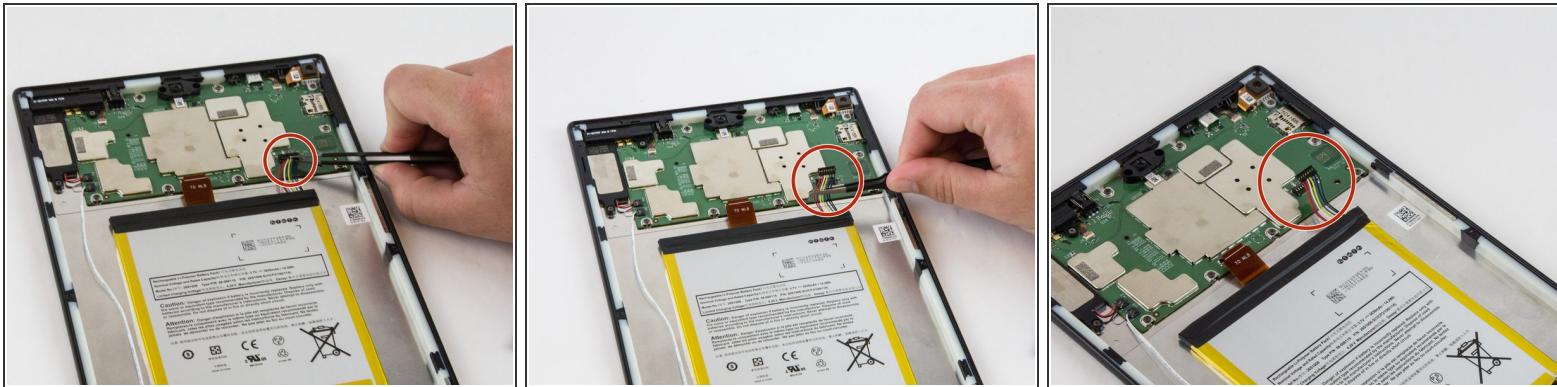
- Disconnect the ribbon connector from the digitizer side using your hands or the plastic opening tool.

Step 4



- Remove the screen and digitizer from the case completely.

Step 5 — Battery



- Locate the power cable that links the battery to the motherboard.
- Carefully unplug the battery power cable to disconnect the battery from the motherboard.

(i) The third image shows what it should look like with the battery power cable is disconnected.

Step 6



- Begin by locating the double sided pull tape locations.

⚠ Do not lift on the battery when doing the following step. You will bend it. It is very pliable.

- Pull the black soft tabs to release the tape's adhesion.

(i) Make sure you pull the tabs slowly and continuously away from the case until the adhesive is completely out.

- Do this to all 4 tabs until the battery is completely free of adhesion to the device's backing.

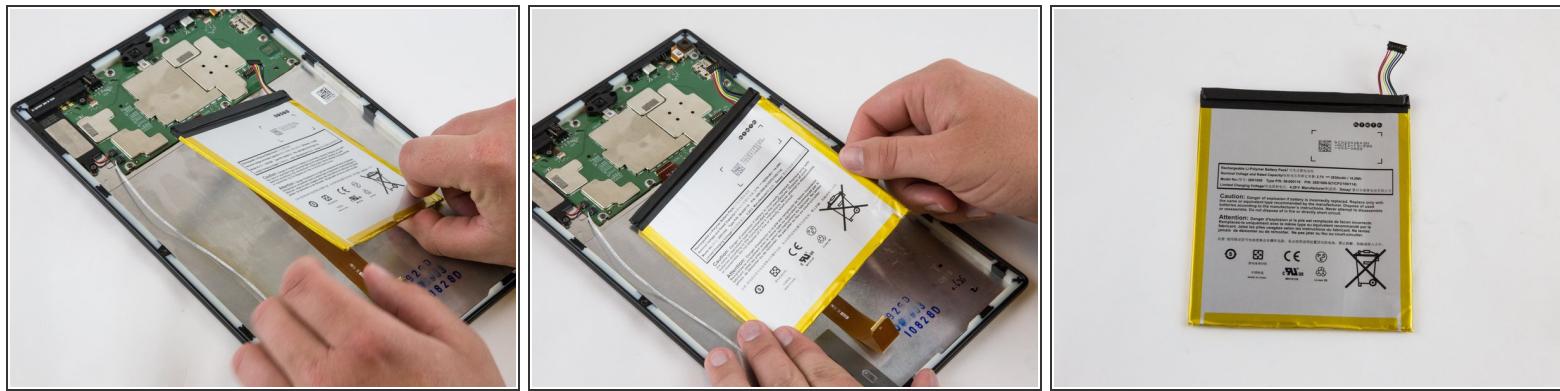
Step 7



! Make sure all the adhesive is removed before trying to lift the battery from the case.

- After the battery is totally free of any adhesion, simply lift the battery from the case.

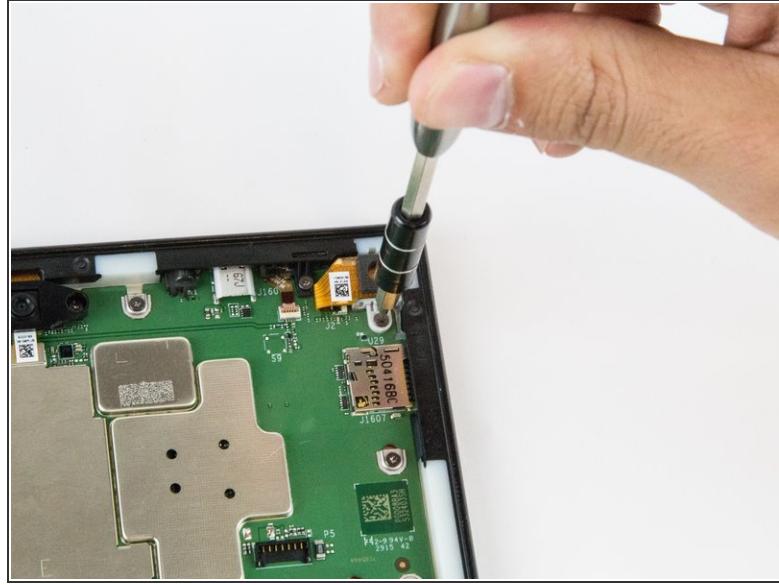
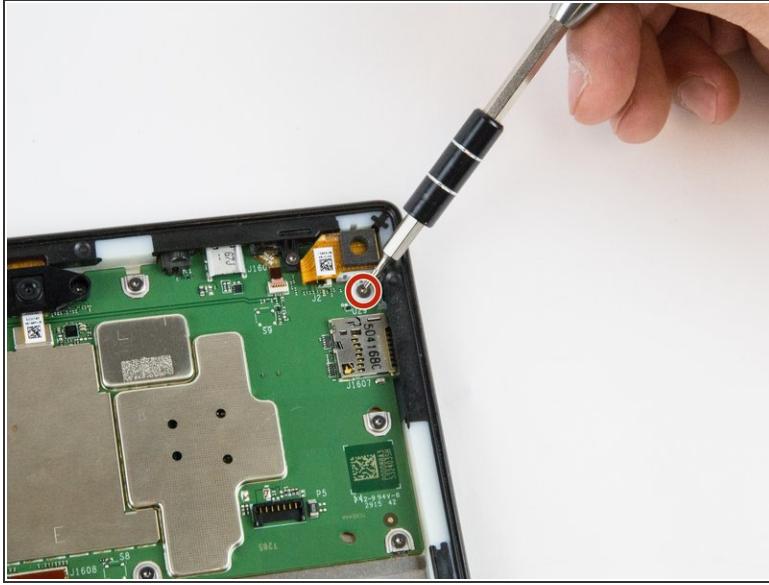
Step 8



- Inspect battery for any leakage.

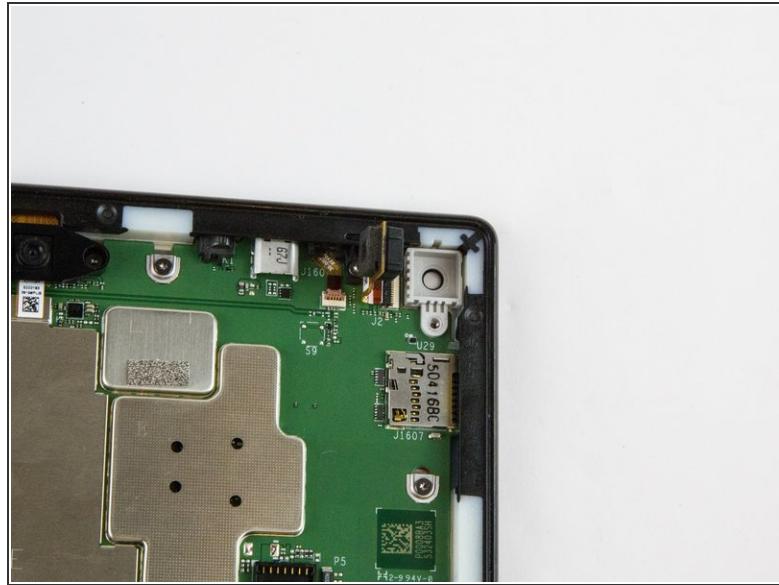
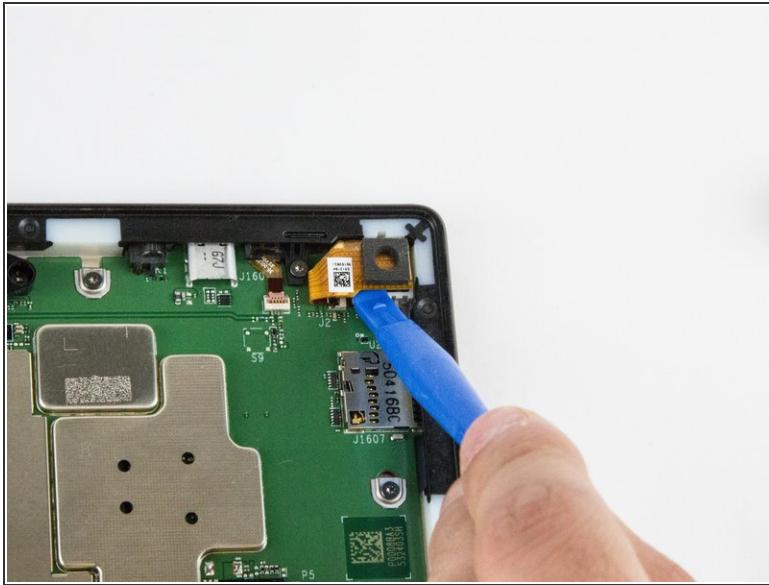
! Please follow all U.S. regulations and laws when disposing or recycling the battery.

Step 9 — Rear Facing Camera



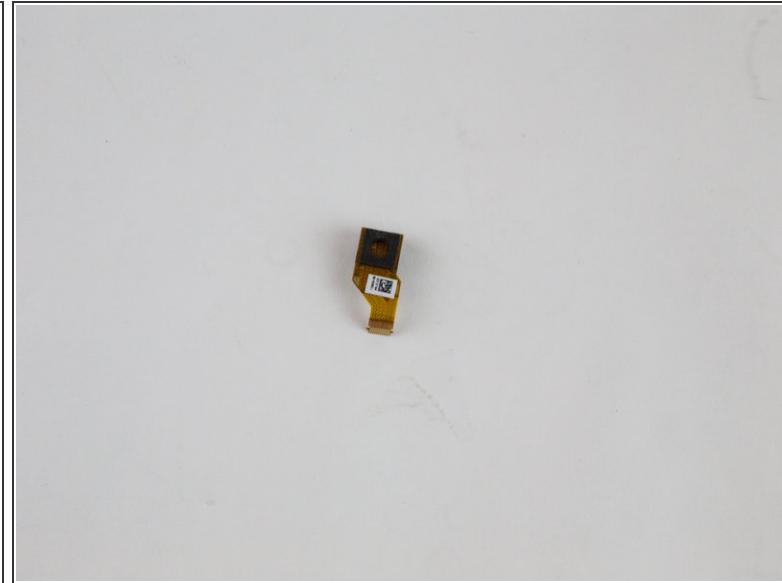
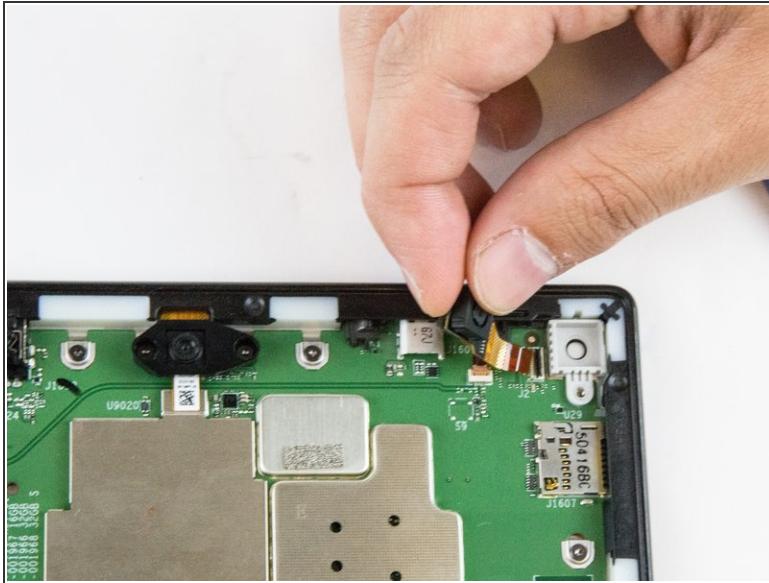
- Remove the single T5 Torx screw at the base of the camera.
- ★ Once removed, place the screw aside in a safe location.

Step 10



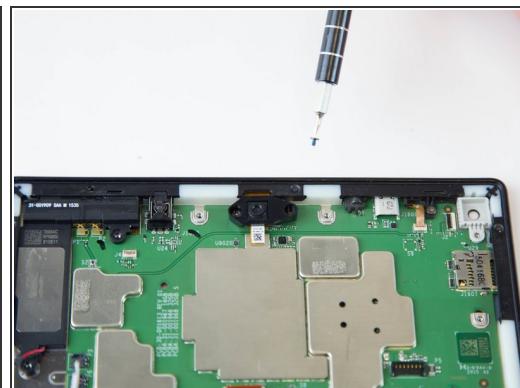
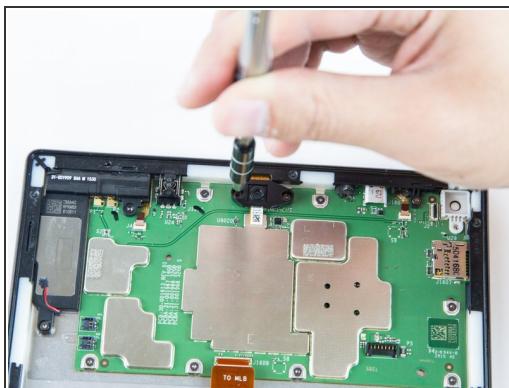
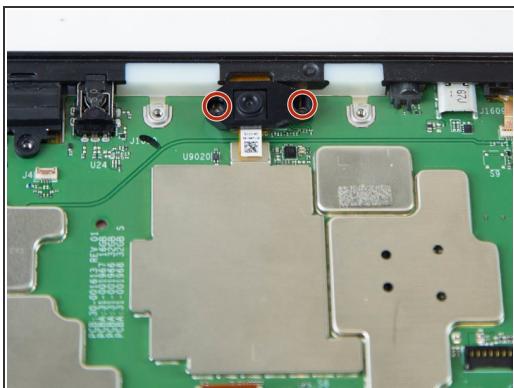
- Lift the camera from the case using the plastic opening tool.
- ⓘ The camera is still connected to the motherboard via the ZIF connector.

Step 11



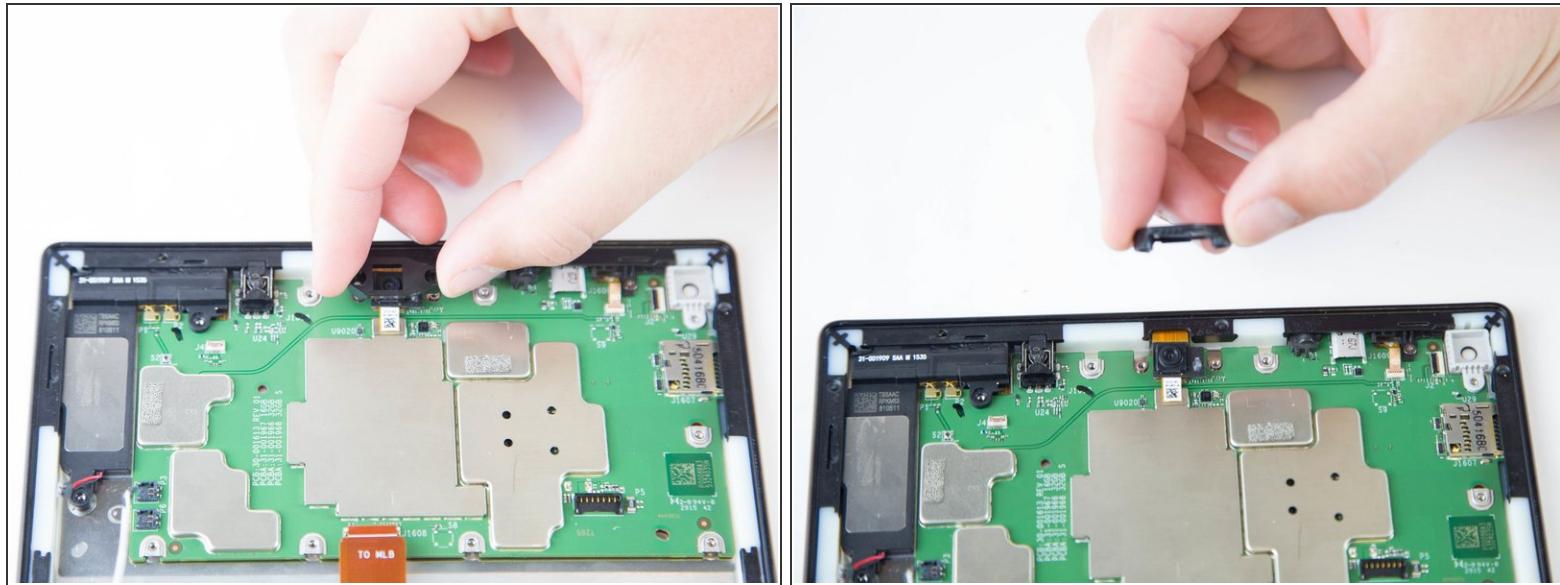
- Gently grab the camera and pull to remove.
- The camera is now free from the motherboard.

Step 12 — Front Facing Camera



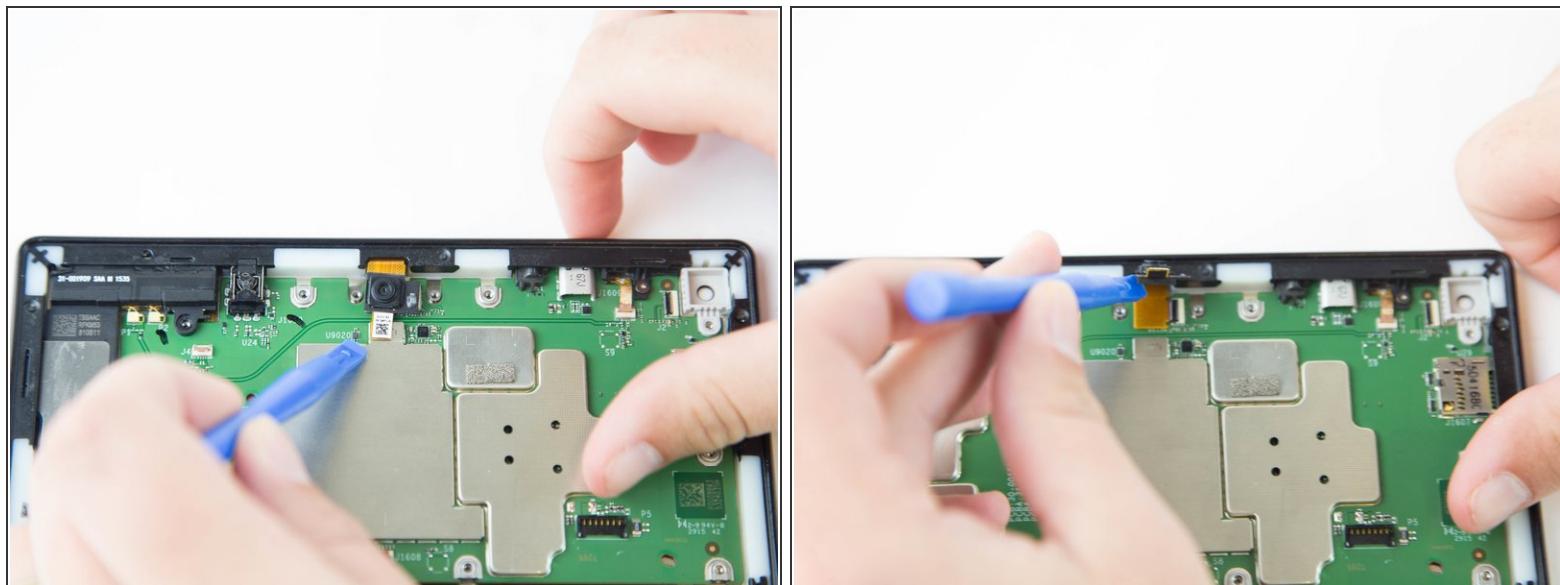
- Remove the two screws from front facing camera using the T5 Torx Screwdriver.
- Make sure you place the screws in a safe location nearby.

Step 13



- Lift the black plastic cover once the screws are removed.
- Place aside for later reassembly.

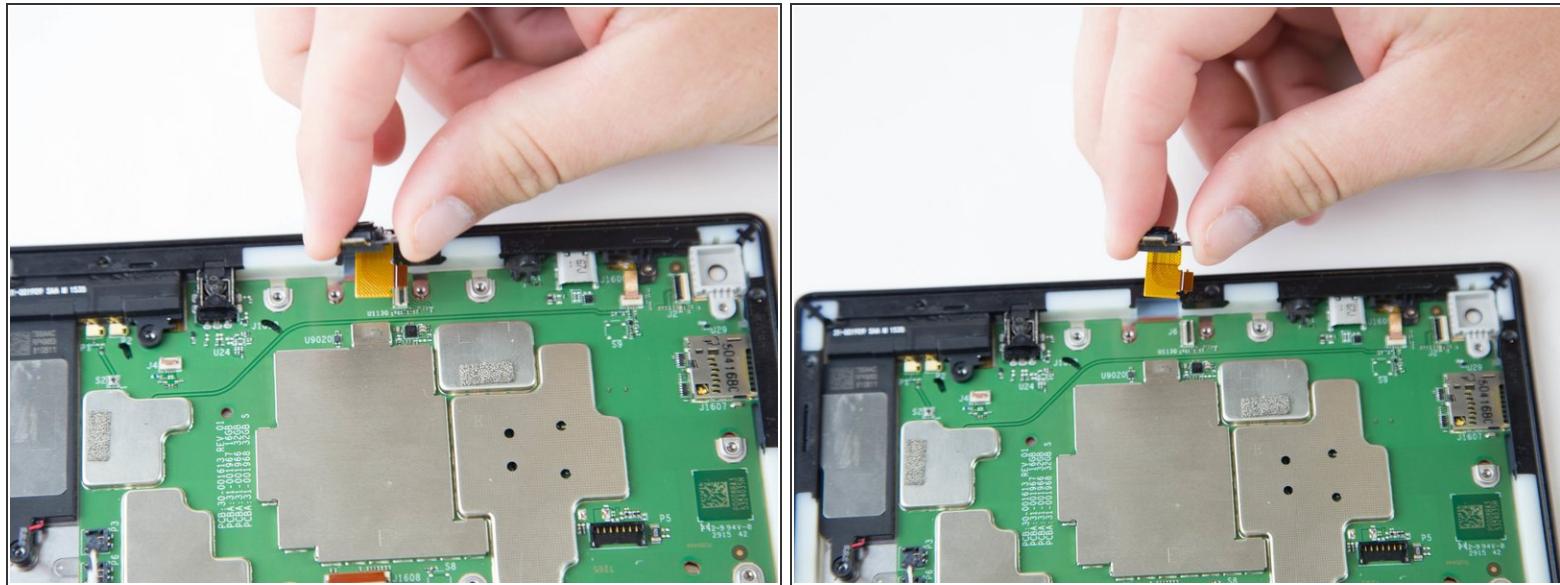
Step 14



- Detach the connector using a plastic opening tool or spudger.

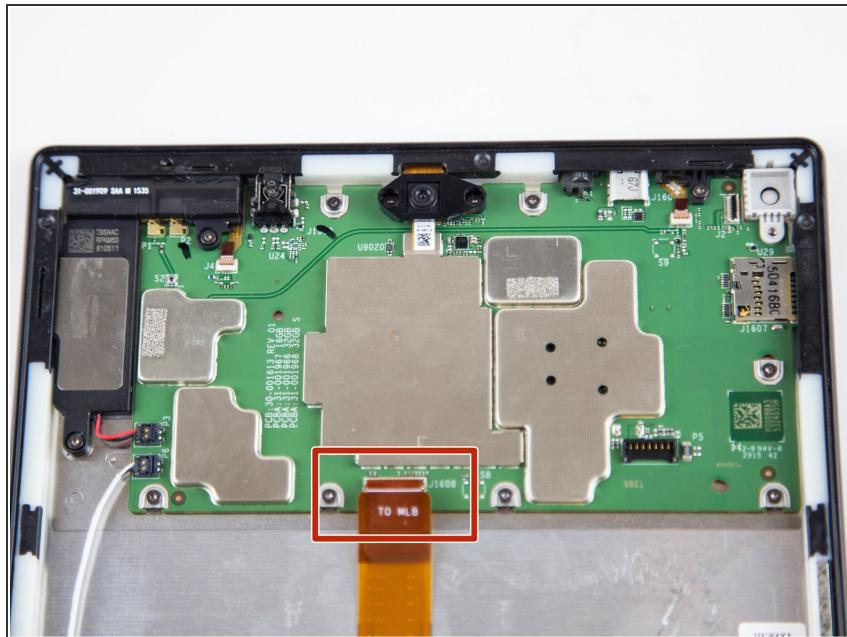
⚠ The camera is still connected to the motherboard.

Step 15



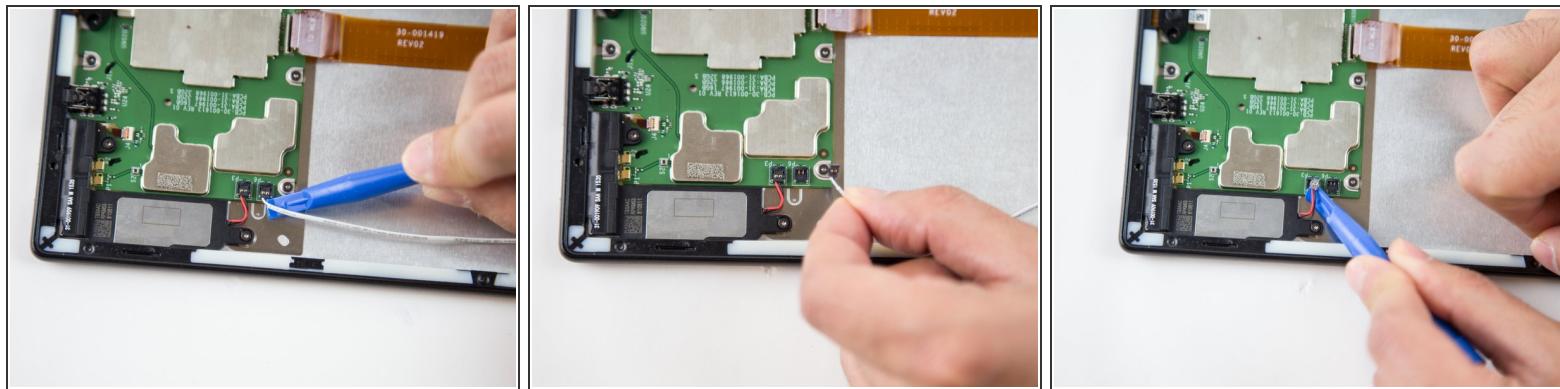
- Grip the camera and lift up to detach the ZIF connector from the motherboard.

Step 16 — Motherboard



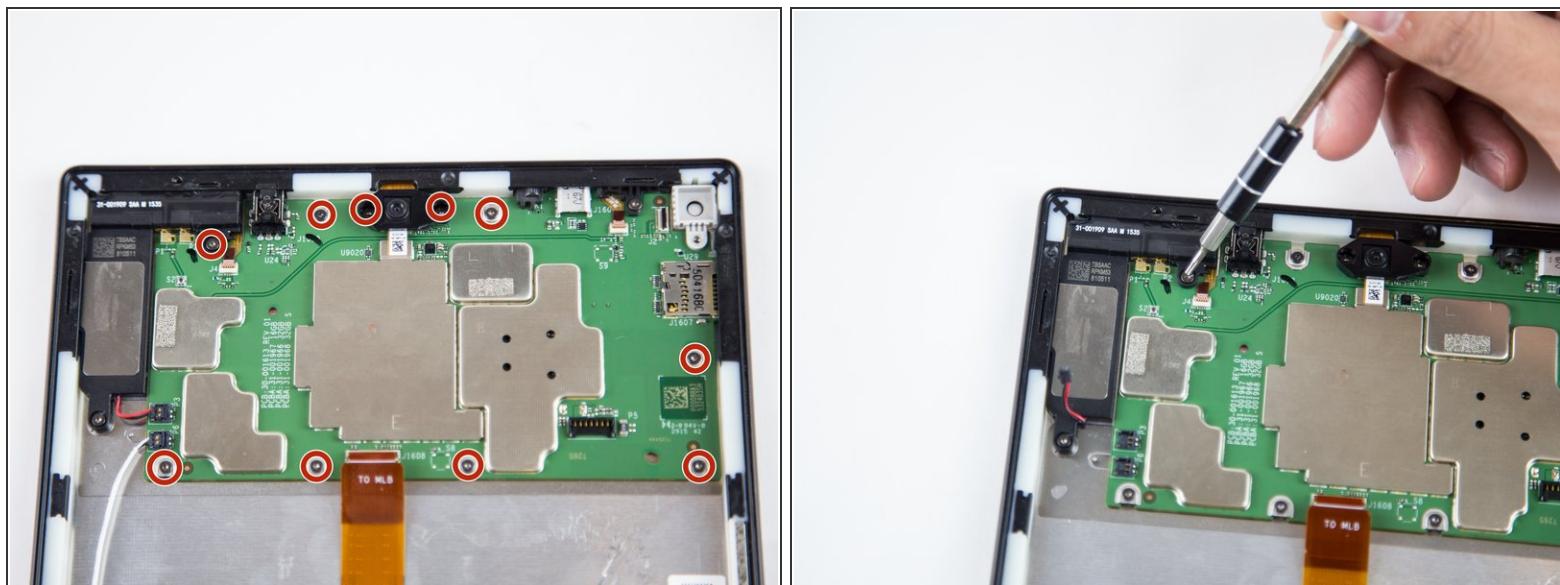
- Lift the ZIF connector up to disconnect from the motherboard.

Step 17



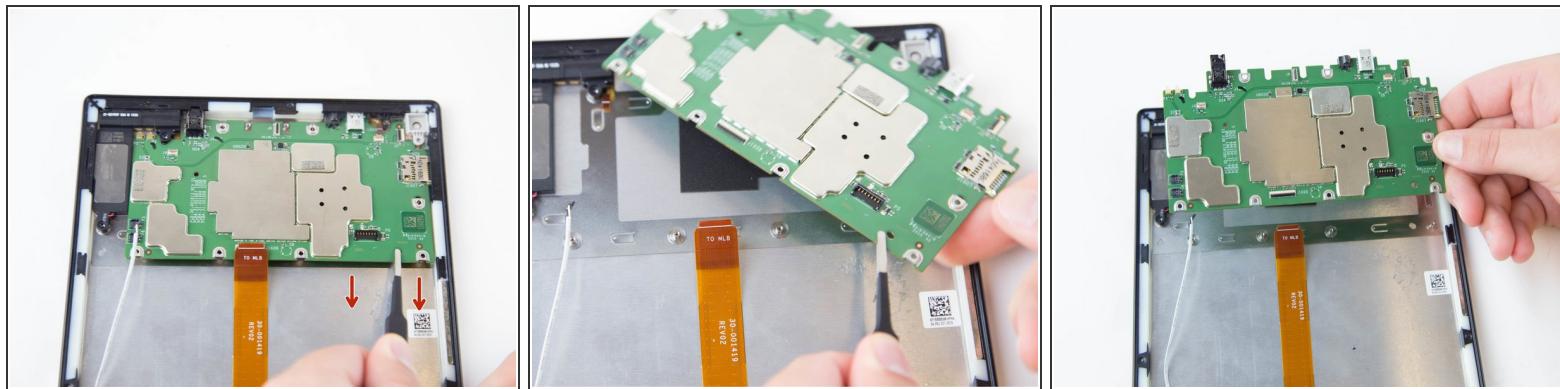
- Disconnect the connectors using the plastic opening tool.

Step 18



- Remove the ten T5 Torx screws securing the motherboard to the case.
- *i* Keep the screws together in a safe place for reassembly.

Step 19



- Lift and pull the motherboard down, gently, towards the case using the tweezers.

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