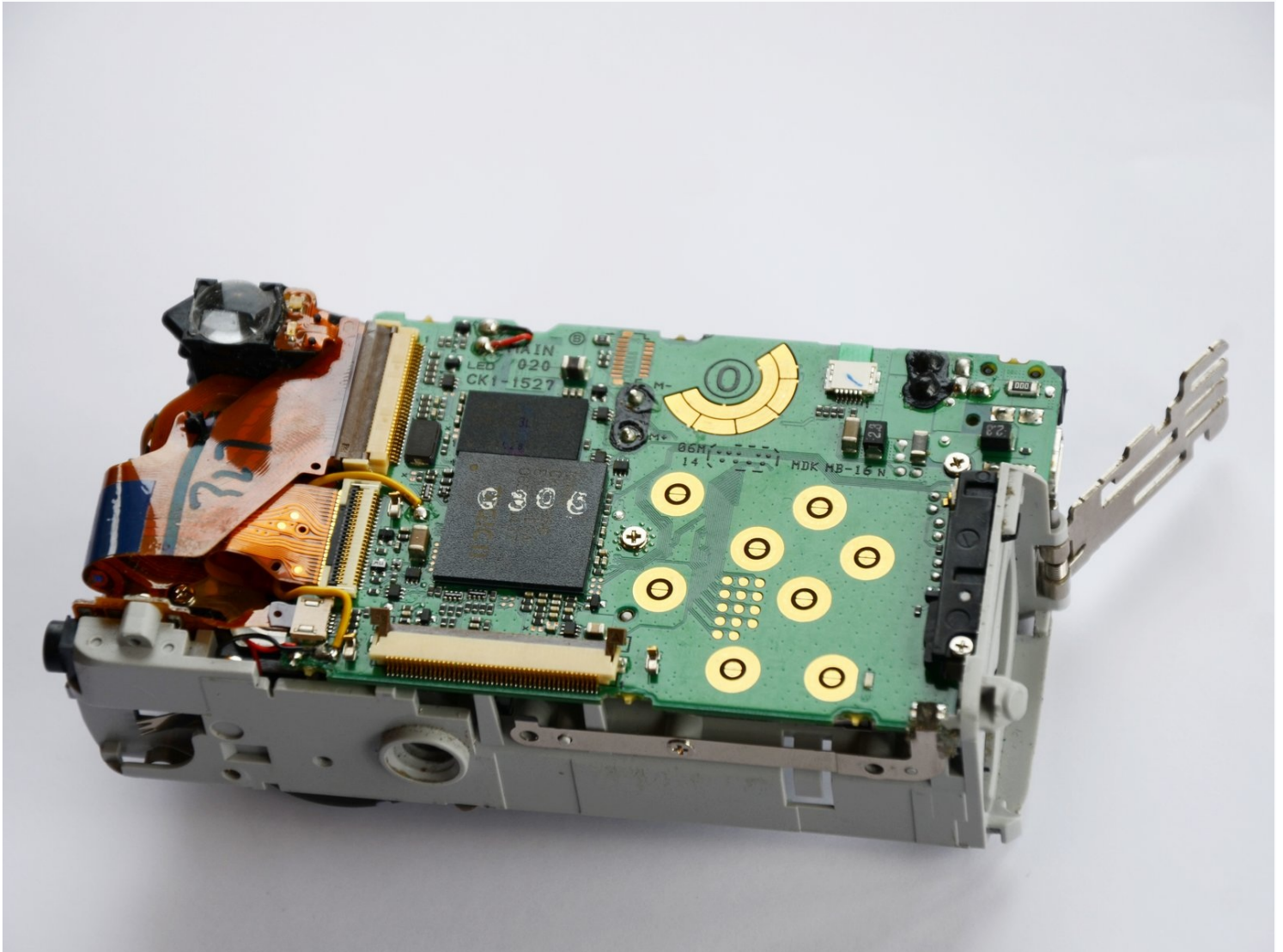# Canon PowerShot A460 Motherboard Replacement

This guide will involve the removal of various...

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INTRODUCTION

This guide will involve the removal of various screws, as well as detaching the two gold ribbons connecting the motherboard to the camera.

🔧 **TOOLS:**

Phillips #00 Screwdriver (1)
Spudger (1)

Step 1 — Battery

- Slide the switch on the battery cover labeled "CARD/BATT. OPEN." to the right.

- While still holding the switch, pull the cover down, allowing it to release and open.

Step 2

- Tilt the camera slightly to allow the batteries to fall out.

Step 3

- Press on and release the memory card to eject it.

Step 4 — Front Casing

- Unscrew the 5mm Phillips #00 screw from the bottom of the camera.

- 📌 Make sure to keep the different size screws organized to make reassembling the camera simpler.

Step 5

- Unscrew the three 2mm Phillips #00 screws that are located on the bottom of the camera.
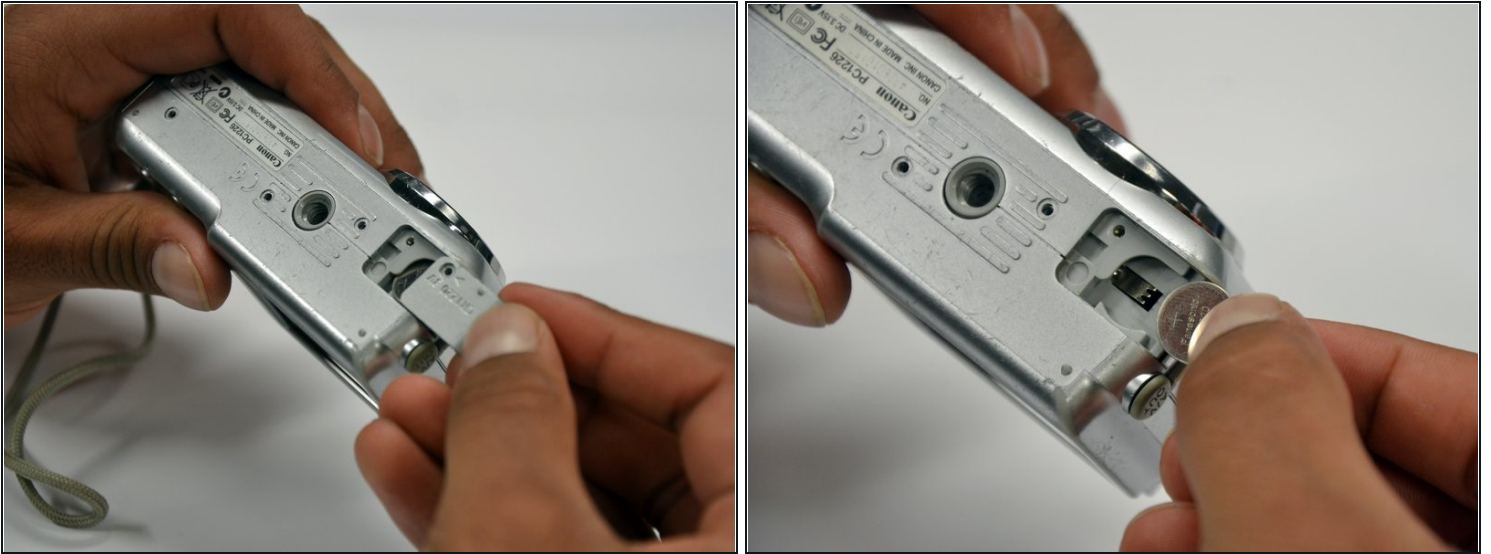
Step 6

- Remove the 4mm Phillips #00 screw that is located on the left side of the camera, if the display screen is facing you.
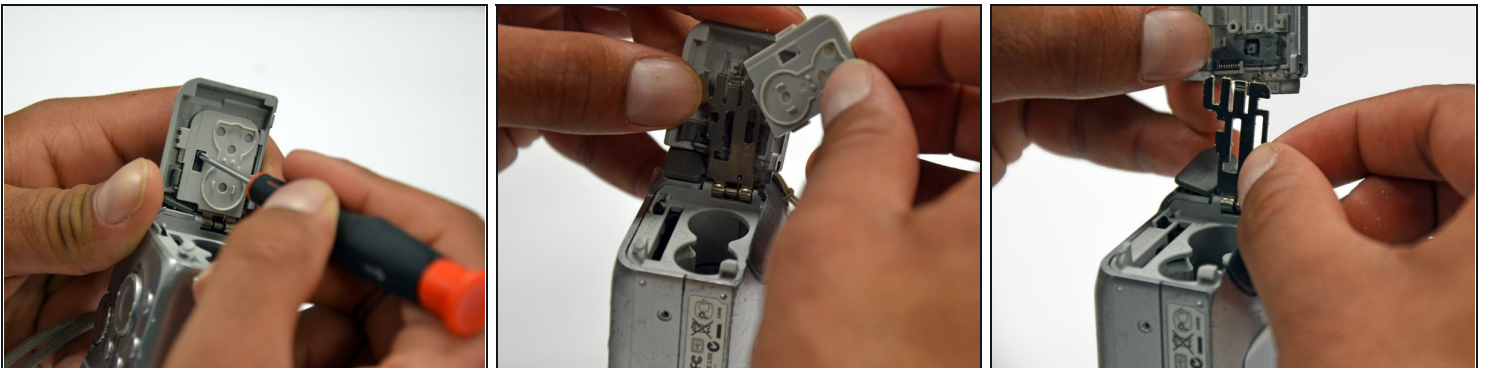
Step 7

- Take out the 4mm Phillips #00 screw under the rubber flap on the right end of the camera.
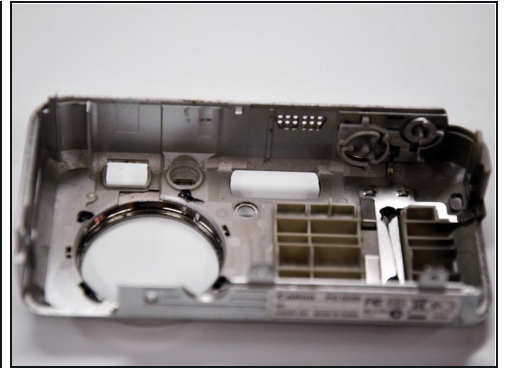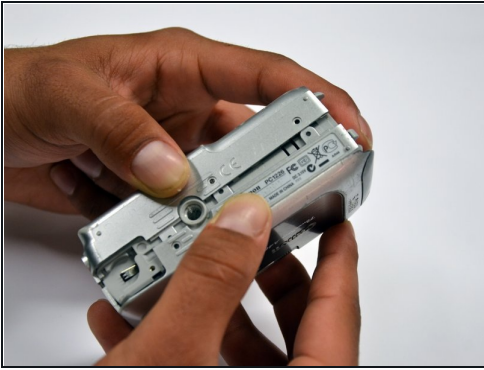
Step 8

- Remove the second battery cover on the bottom of camera.

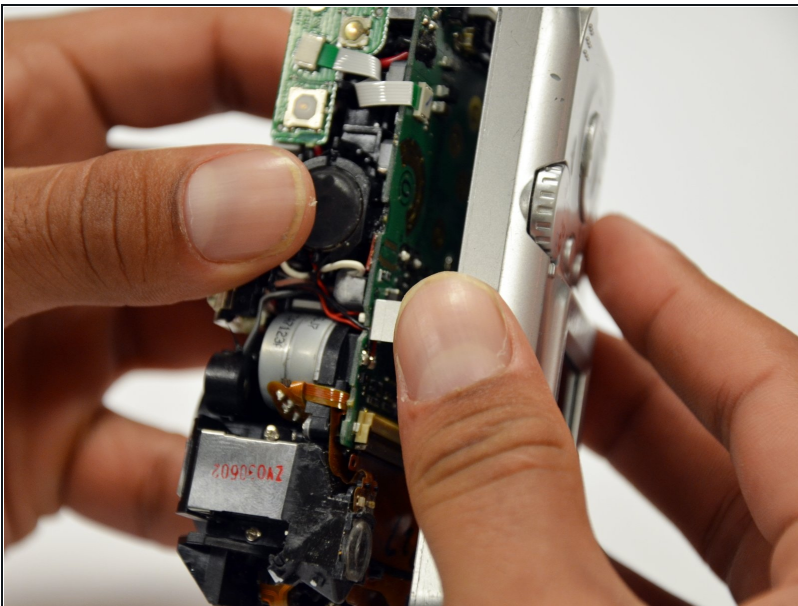- Take the silver battery out of the camera.

Step 9

- Remove the 4mm Phillips #00 screw on the inside of the flap that hides the battery and memory card slots.

- Remove the light grey, plastic piece.

- Remove the plastic portion of the battery flap cover. The metal piece will remain attached.
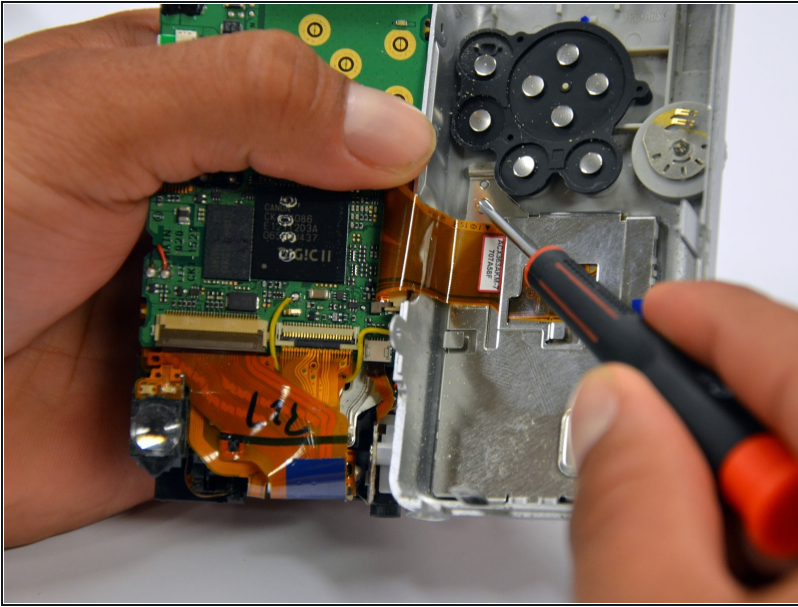
Step 10

- Slightly pull on each side of the camera. It should loosen up and come apart.

- If it does not pull apart right away, use a little more force.
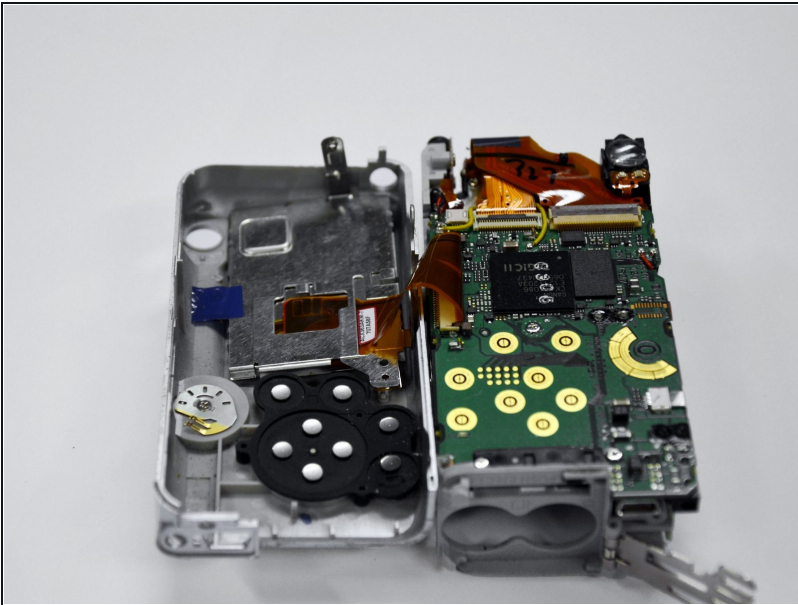
- Do not give up!

Step 11 — Back Casing

- Remove the back case of the camera by pulling from the top.

⚠ Be careful when pulling off the case. There is a delicate gold ribbon connecting the bottom of the camera to the back case.
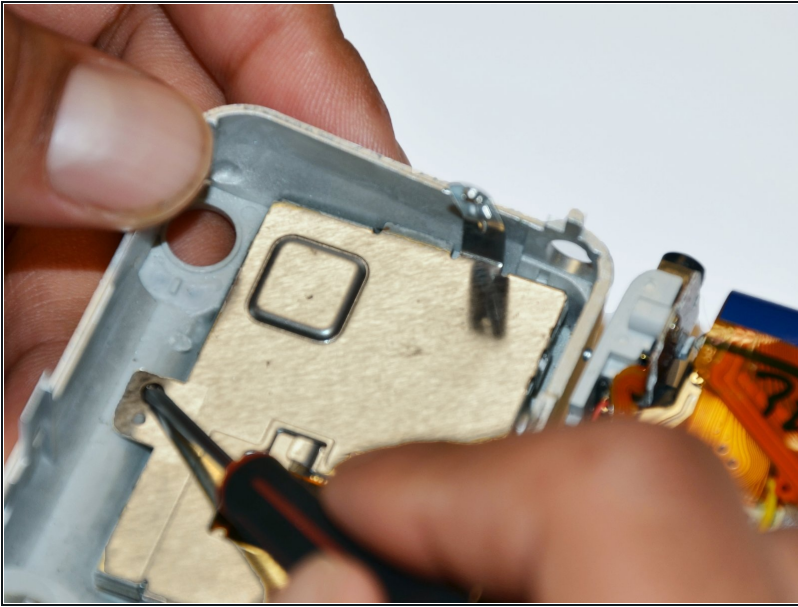
Step 12 — LCD Screen

- Remove the 4mm Phillips #00 screw from above the ribbon.

Step 13
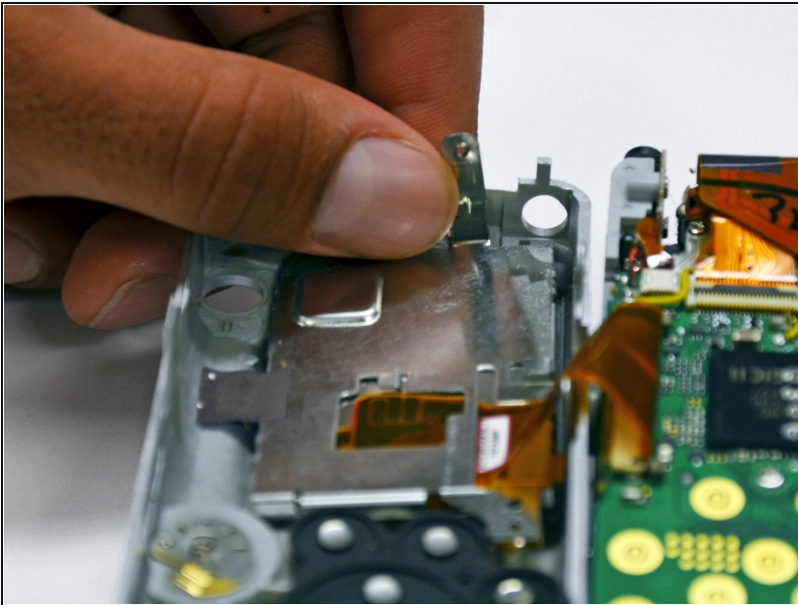

- Gently peel off the blue tape on the top of the LCD screen.
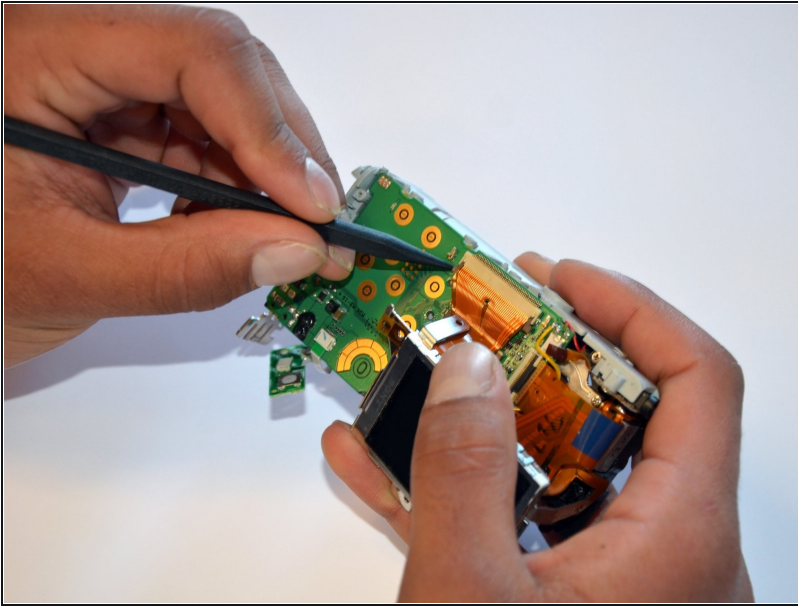
Step 14

- Remove the 4mm Phillips #00 screw previously concealed by the blue tape.
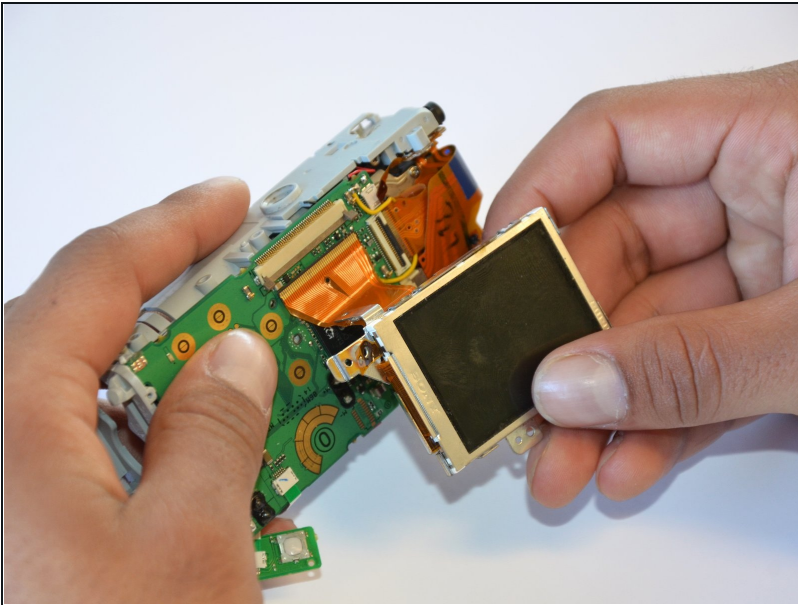
Step 15

- Gently lift the LCD screen off of the front casing by pulling up a tab on the side of the camera.

Step 16

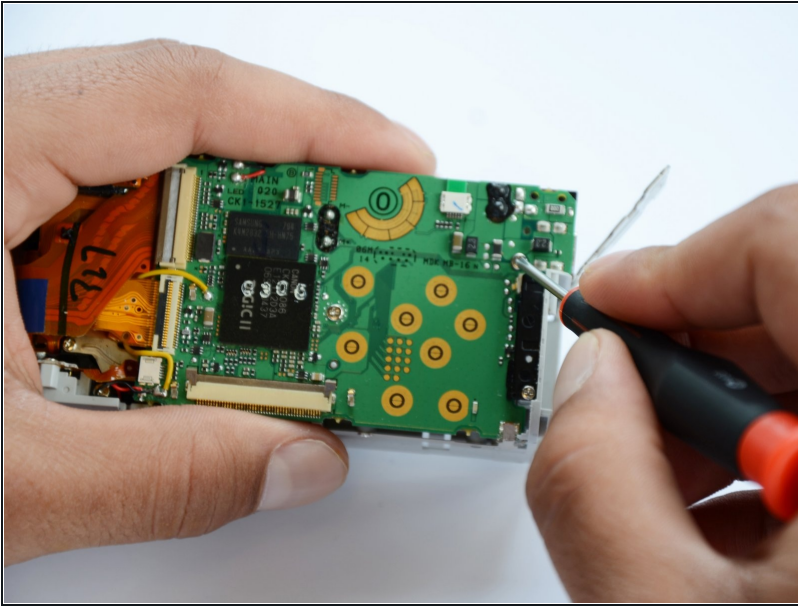- Using a spudger, lift the grey tabs to allow the ribbon to slide out.

Step 17

- Since the tabs have been lifted, the ribbon should now slide out out easily.
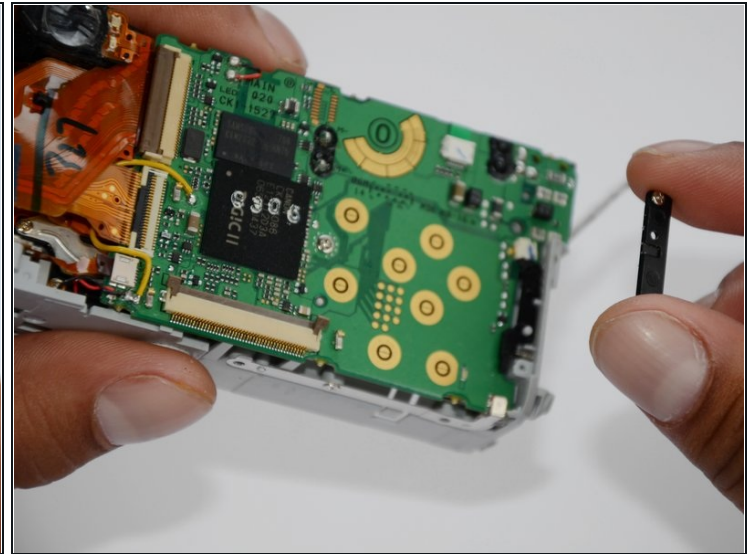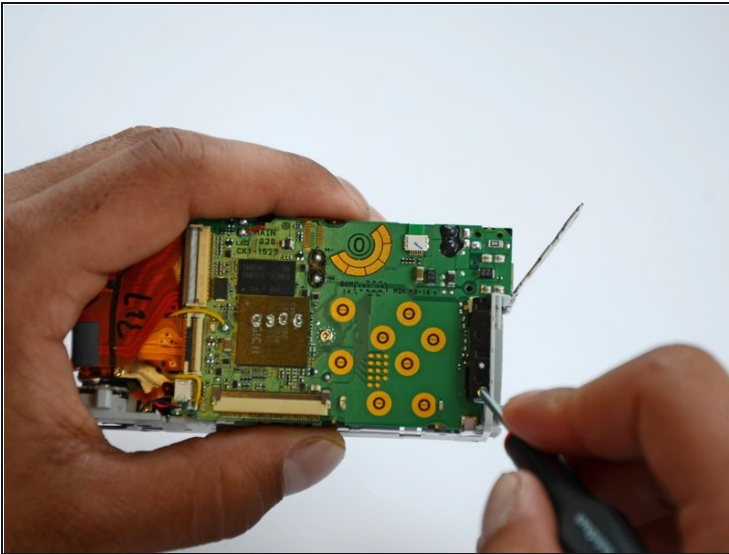
⚠ Be careful not to distort the ribbon in any way.
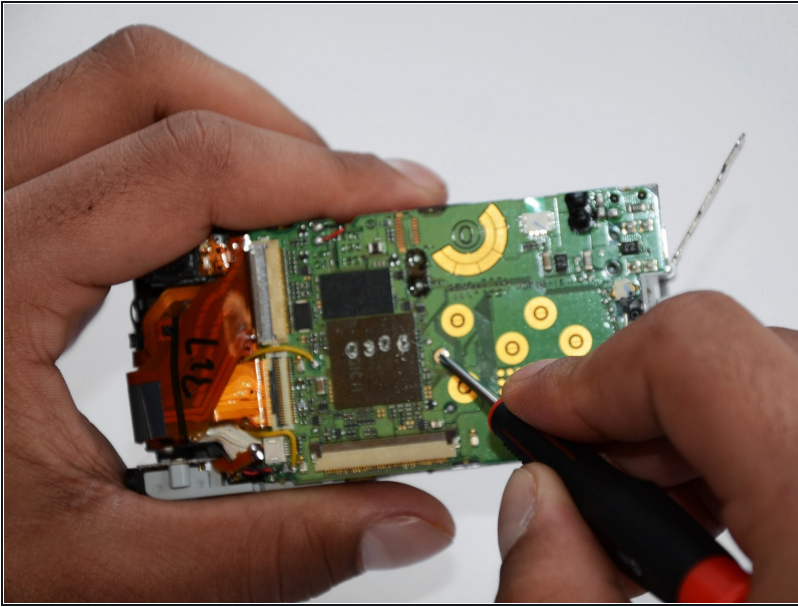
Step 18 — Motherboard

- Remove the 5mm Phillips #00 screw located above the small black piece on the right side of the mother board.
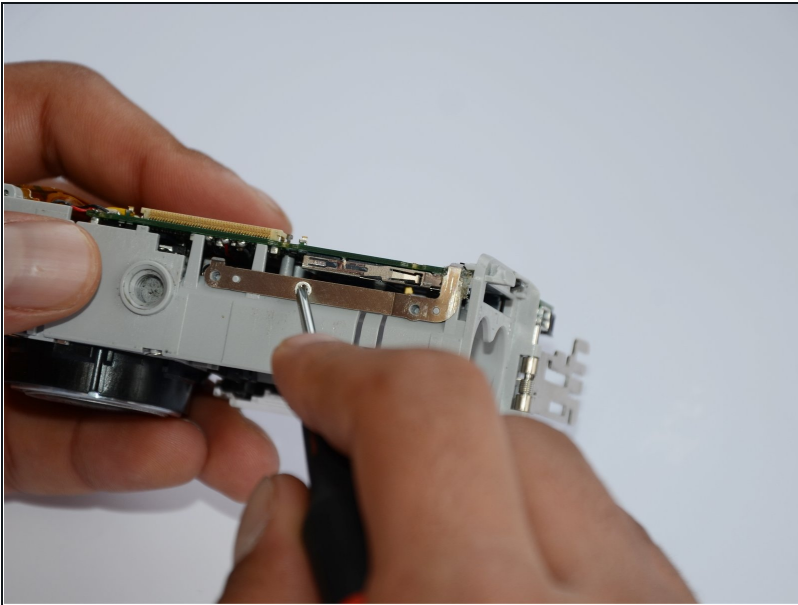
Step 19

- Remove the 4mm Phillips #00 screw at the bottom of the black piece.

- Detach the black piece that the screws previously held in place.
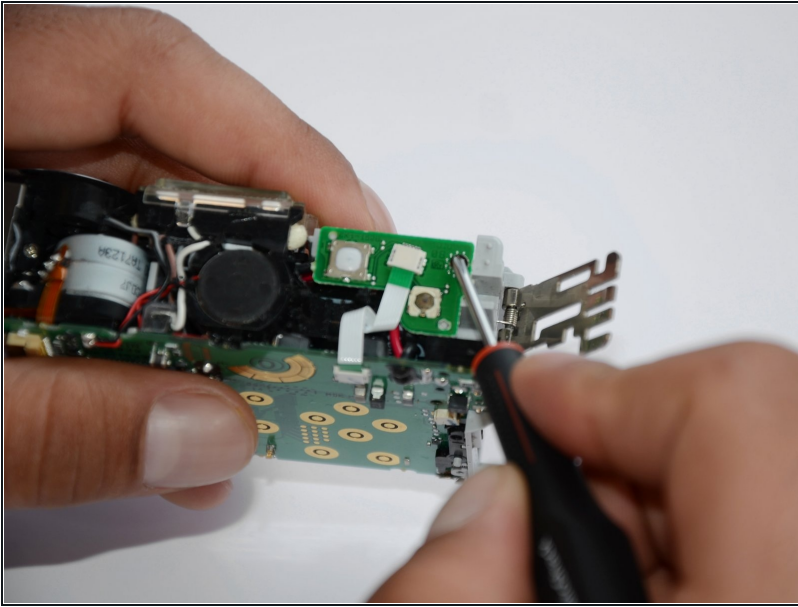
Step 20

- Remove the 5mm Phillips #00 screw in the middle of the motherboard.
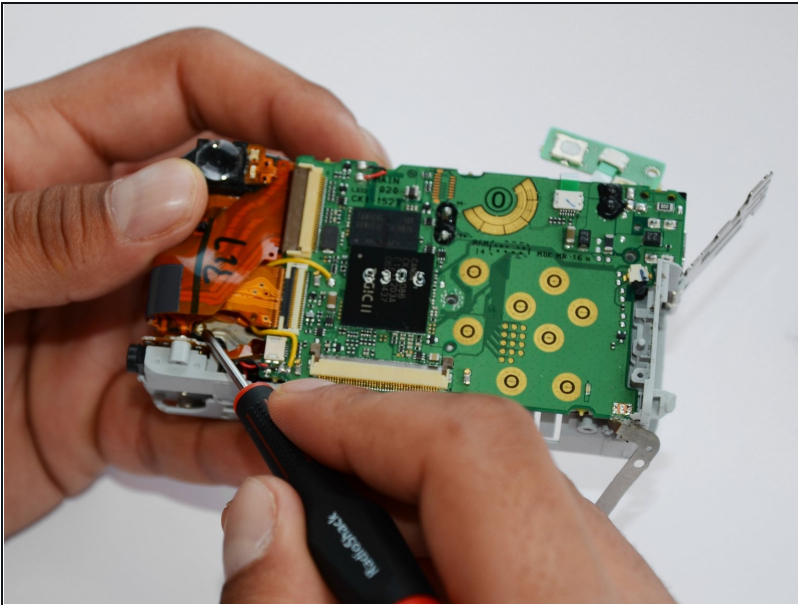
Step 21

- Remove the 5mm Phillips #00 screw that holds the metal piece to the bottom of the camera .

Step 22

- Remove the 5mm Phillips #00 screw that is located on the top of camera.
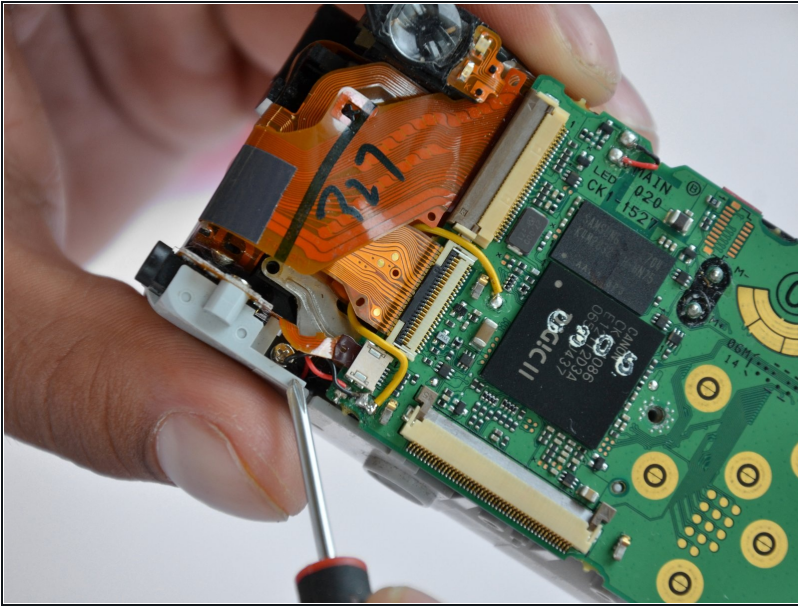
Step 23

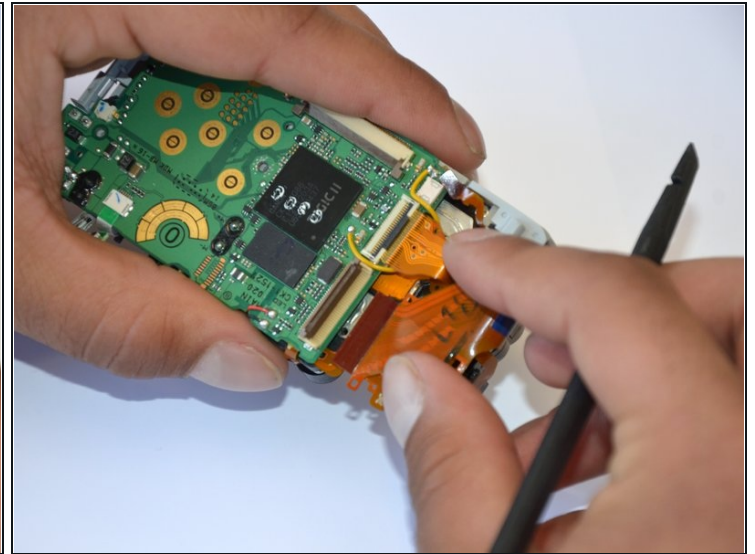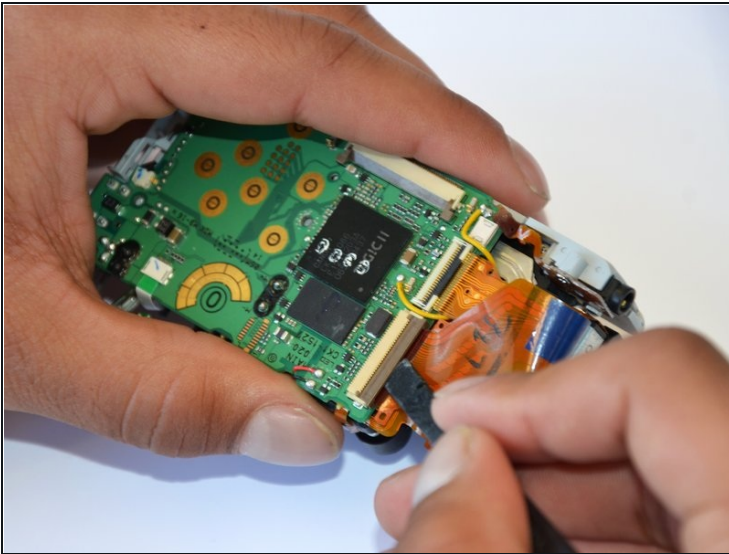- Remove the 2mm Phillips #00 screw that is located on the far left of the motherboard.

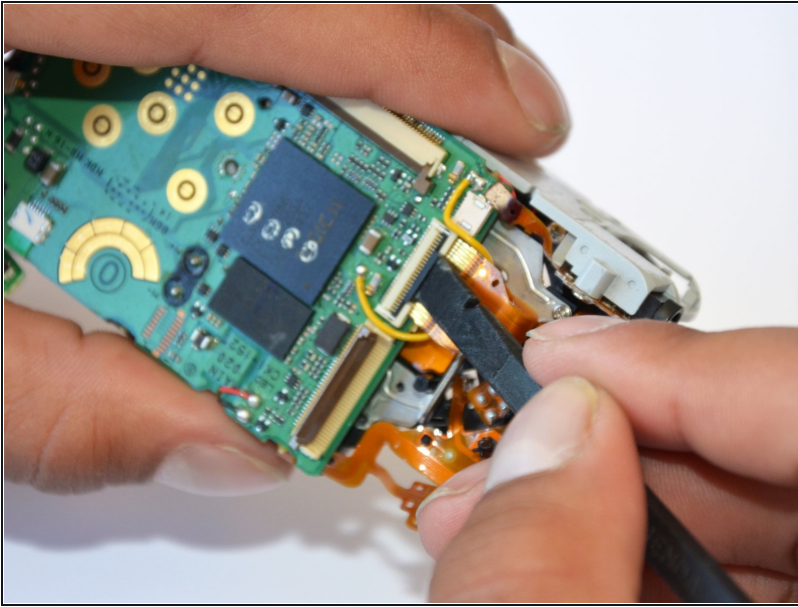⚠ Be careful not to damage the multiple adjacent orange ribbons.

Step 24

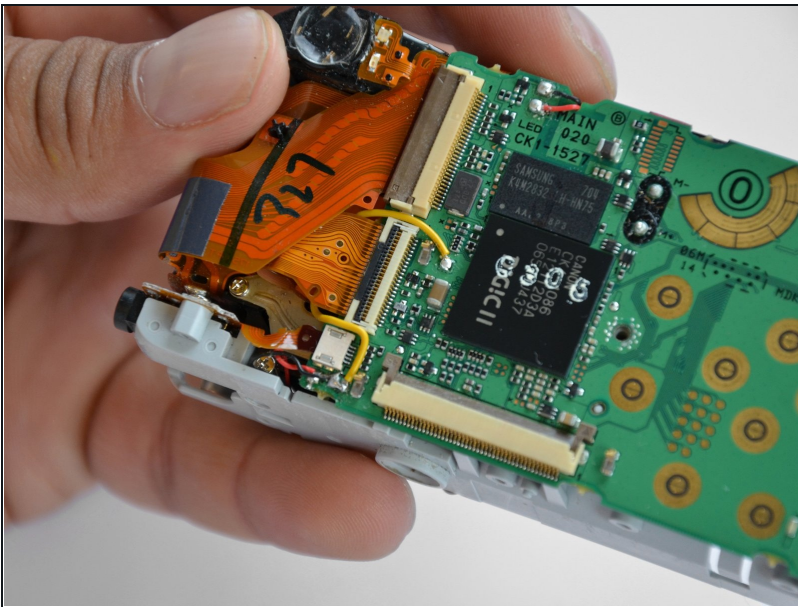- Remove the 5mm Phillips #00 screw near the bottom left of the motherboard.

Step 25

- Using a spudger, unlock the locking mechanism that holds the lower orange ribbon in place.

- Once unlocked, slide out the ribbon.

Step 26

- Using a spudger, unlock the locking mechanism that holds the upper orange ribbon in place.

- Once unlocked, slide out the ribbon.

Step 27

- All that is required is to unsolder the few remaining wires. Then, the motherboard will be ready to be replaced!

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