



Canon PowerShot SX600 HS Main Board Processor Replacement

These steps will instruct you on how to properly replace your processor.

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INTRODUCTION

If your camera is not quite functioning correctly, it may be the processor has become faulty. We'll show you how to fix it.



TOOLS:

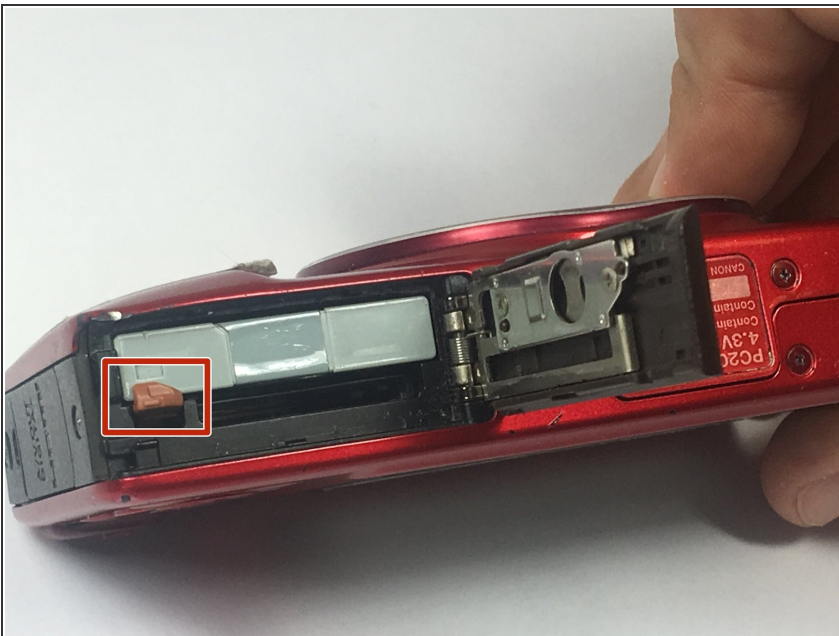
- [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [ESD Safe Tweezers Blunt Nose](#) (1)
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Step 1 — Battery



- To remove the battery, locate the battery cover on the bottom of the camera.
- Using your thumb, press down on the cover and slide it outwards.

Step 2



- Depress the orange lever holding the battery in place to unlock it.

Step 3



- Use your fingers to remove the battery.
- ☑ Be sure to remember the alignment of the nodes for reassembly.

Step 4 — Power and Shutter Buttons



- Use a #000 Phillips screwdriver to unscrew the four 4mm screws located on the sides of the camera (2 for each side).

Step 5



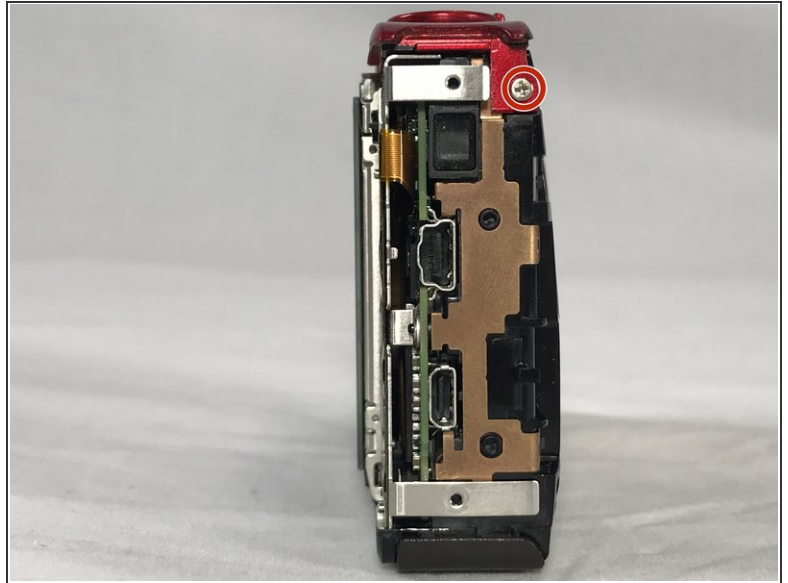
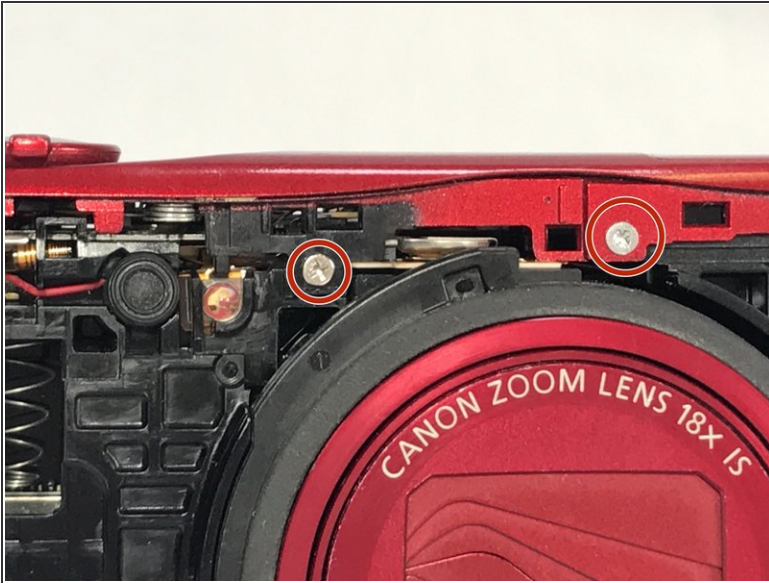
- Unscrew the four 2mm located on the bottom of the camera using a Phillips #000 screwdriver.

Step 6



- Use a plastic opening tool to loosen and remove both the front and back plates of the camera, as well as the two side pieces.

Step 7



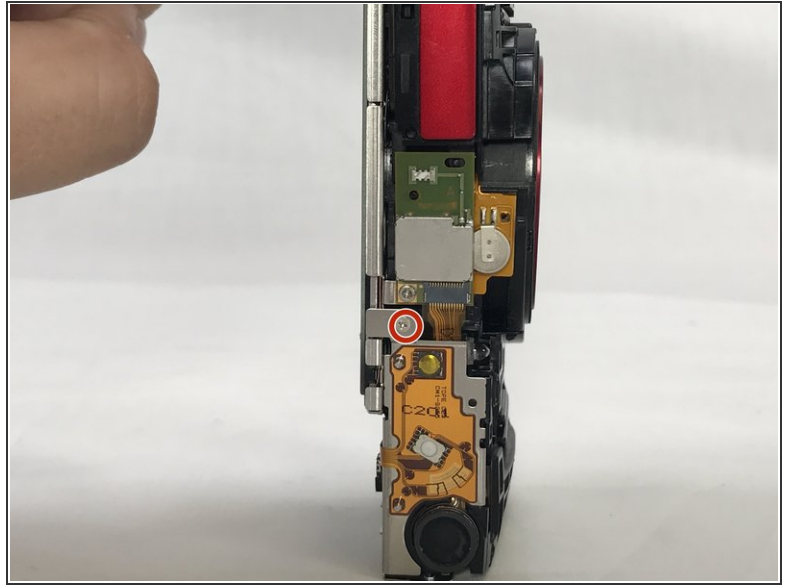
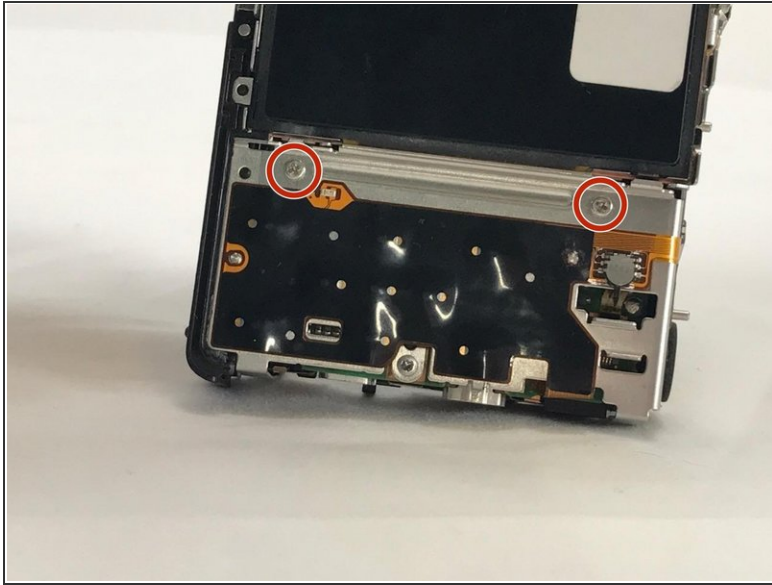
- Unscrew the three 2mm screws attaching the piece to the camera frame with a #000 Phillips screwdriver.

Step 8



- Use an opening tool to gently remove the power and shutter button assembly from the frame.

Step 9 — Display Screen



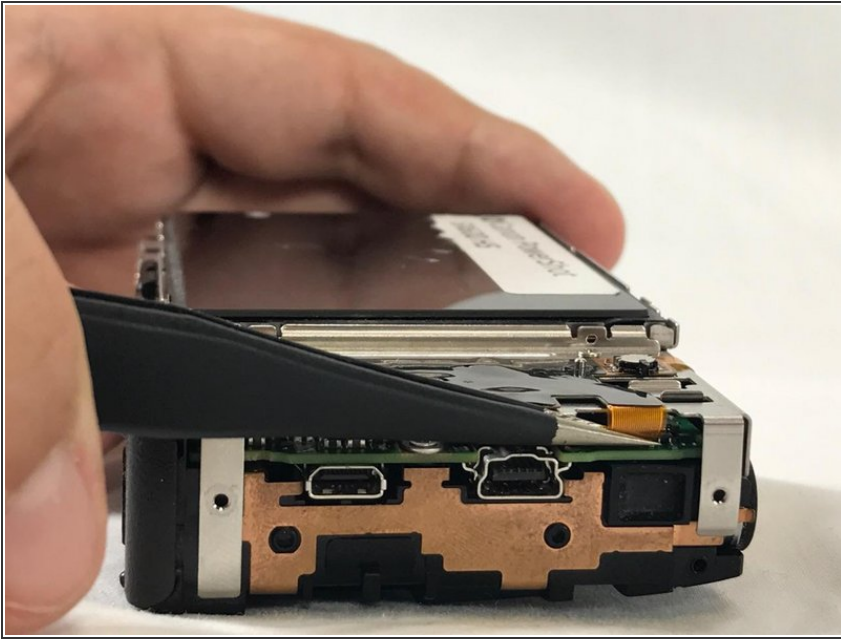
- Unscrew the 2mm screw connections of the main board protector from the camera frame using a #000 Phillips head screwdriver (2 on front, 1 on top)

Step 10



- Use a Phillips #000 screwdriver to unscrew the 4mm screw.

Step 11



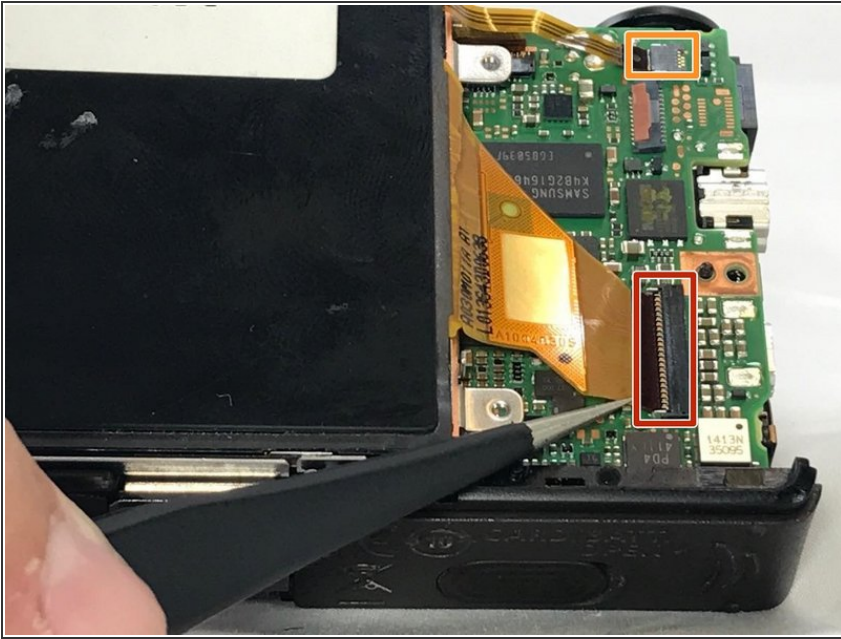
- Use a pair of tweezers to remove the no-fuss connector from its holder.

Step 12



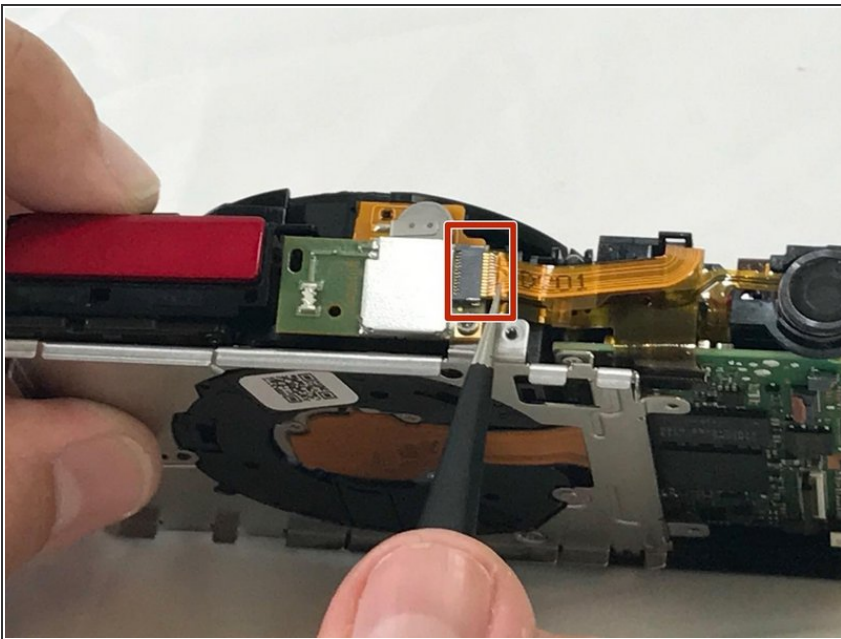
- Gently lift the protector from the frame.

Step 13



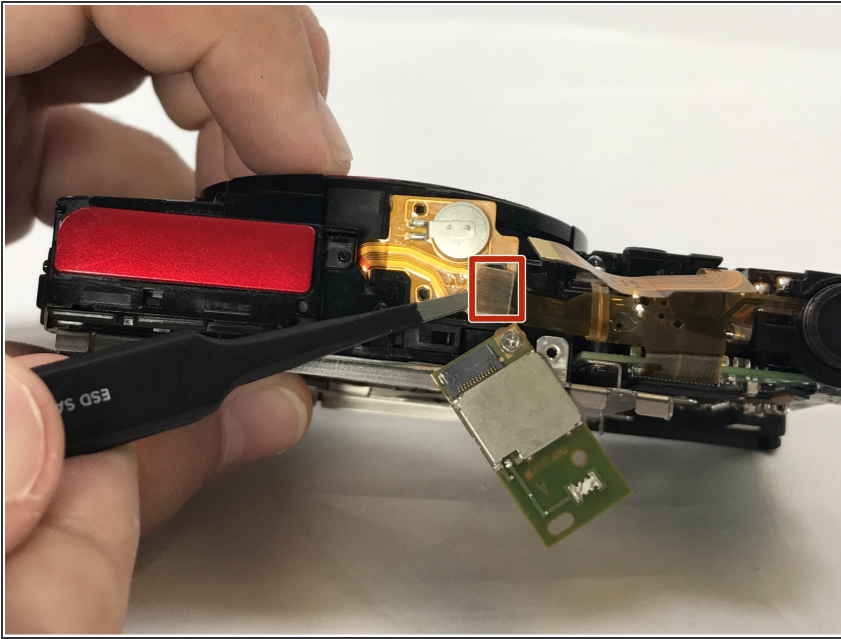
- Lift the LCD screen ZIF connector tab and remove the ribbon cable.
- Detach the no-fuss connector.
- Lift the screen from its holder.

Step 14 — Flash Assembly



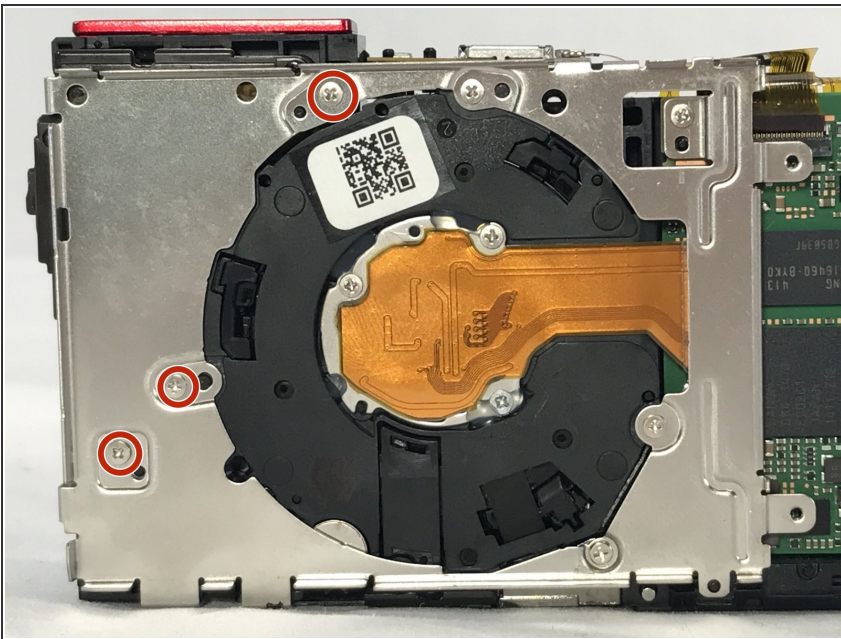
- Unplug the assembly from the main no-fuss connector.

Step 15



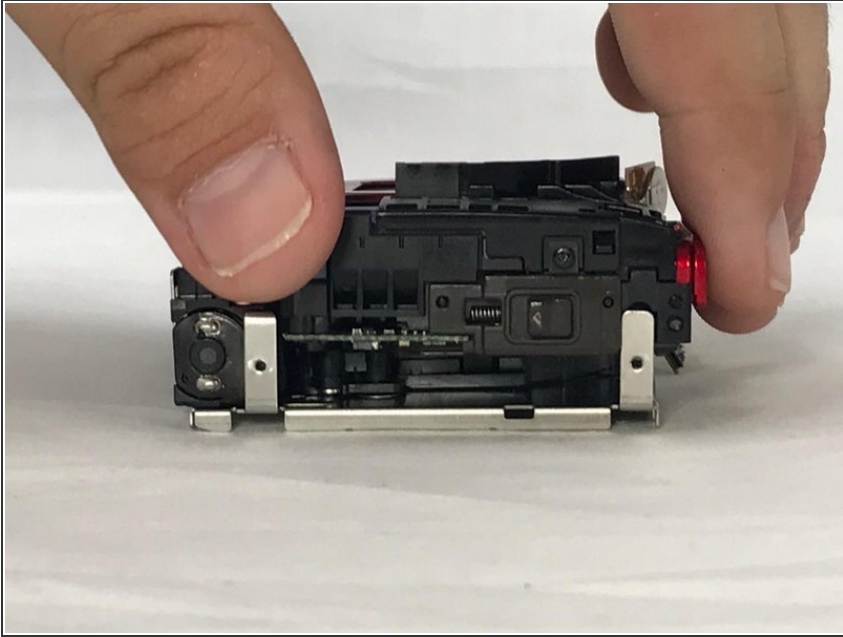
- Unplug the assembly from its flat-top connection.

Step 16



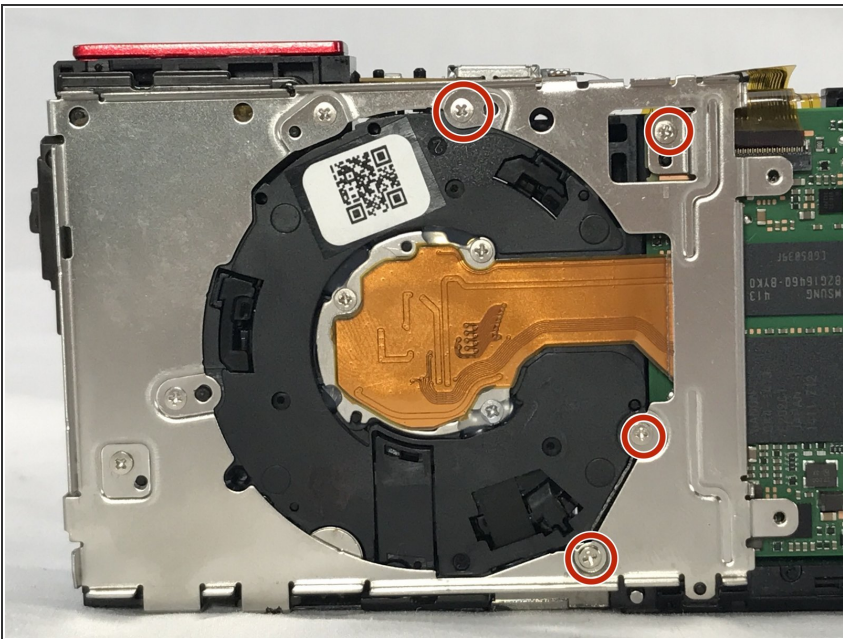
- Use a #000 Phillips screwdriver to remove the three 4mm screws that hold the assembly to the frame.

Step 17



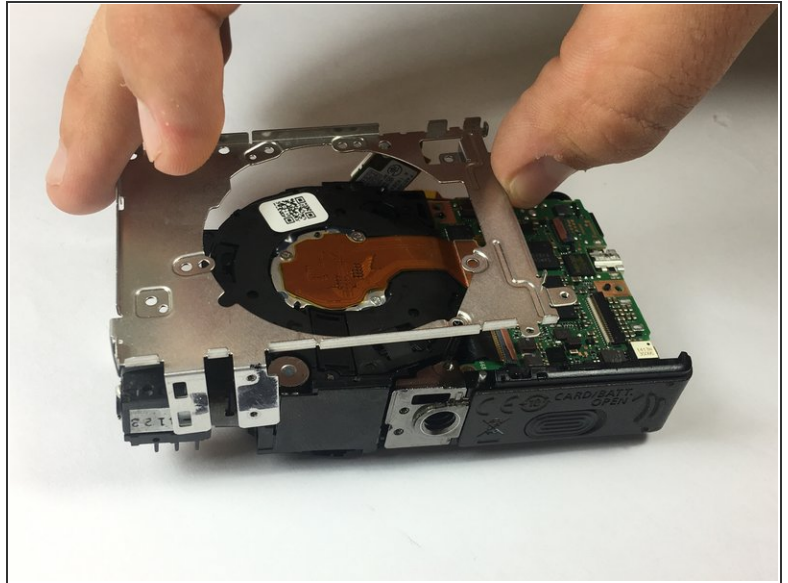
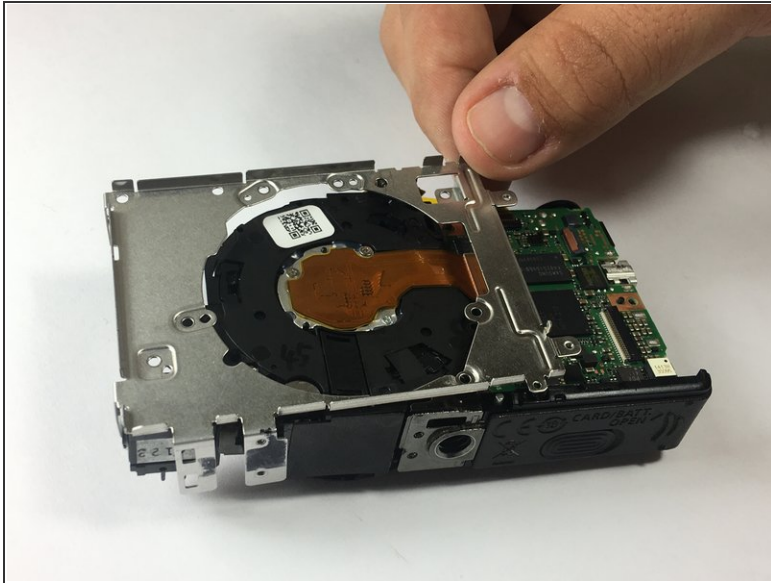
- Gently lift the assembly out of its place.

Step 18 — Lens Piece



- Remove the 4 remaining 4mm screws in the frame with a Phillips #000 screwdriver.

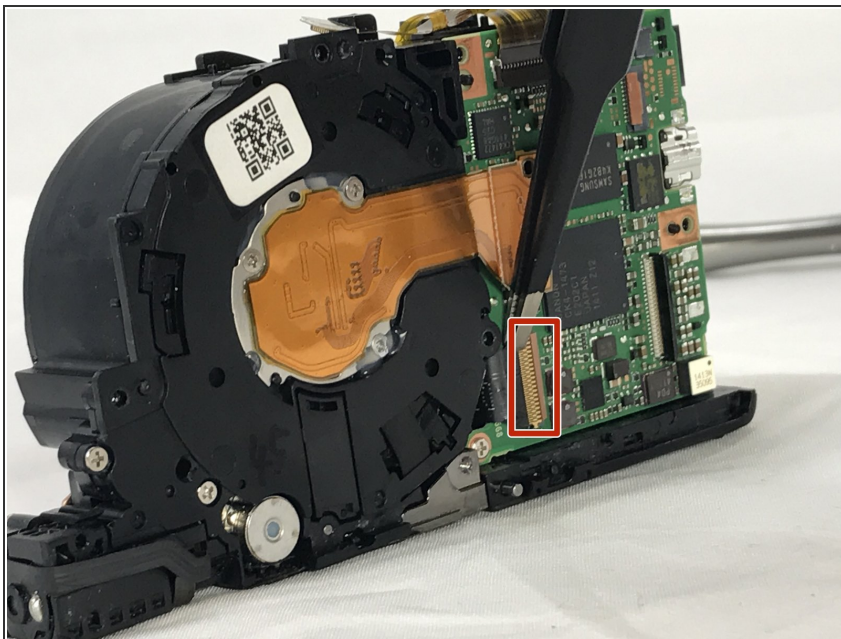
Step 19



- Gently remove the frame. (Make sure to have a firm hold on the rest of the camera at this point)

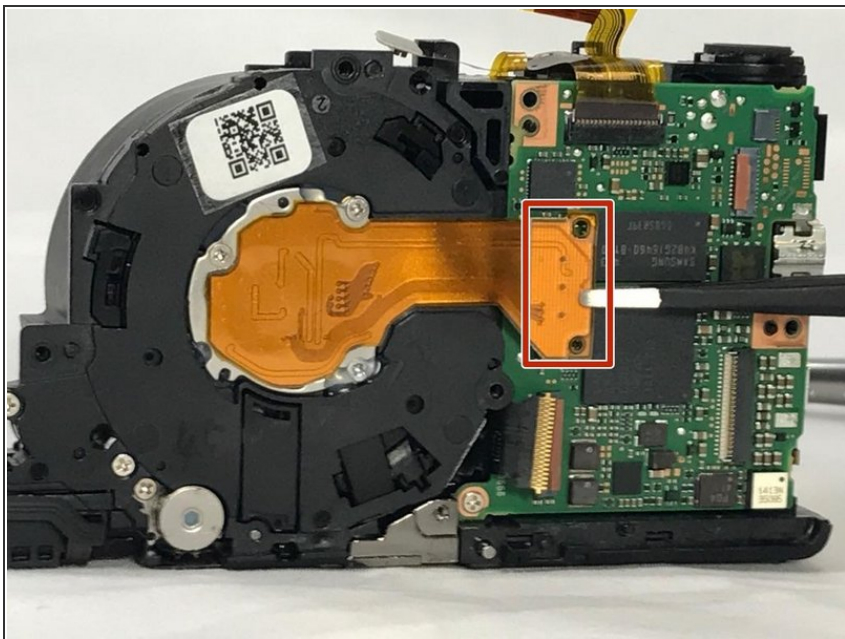
⚠ The camera will be loose after this point. Be sure to have a firm hold on it.

Step 20



- Unplug the ZIF connection between the lens to the main processor.

Step 21



- Detach the flat-top connection.

Step 22 — Main Board Processor



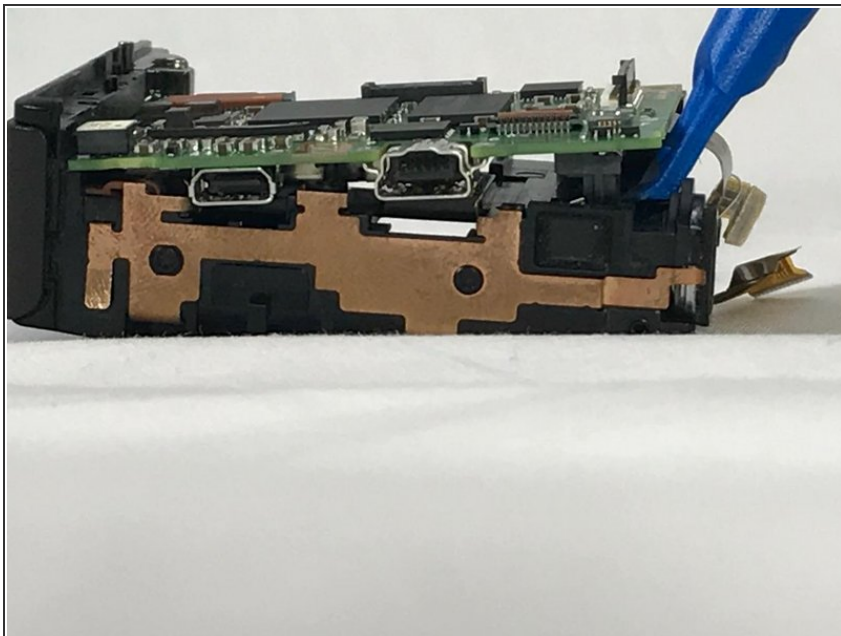
- Unplug the ZIF connection on the processor.

Step 23



- Use a Phillips #000 screwdriver to unscrew the 2mm screw from the processor.

Step 24



- Use a plastic opening tool to gently lift the processor out of the holder.

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