Canon PowerShot S110 Lens Replacement

This guide will explain how to remove and replace a defective lens on the Canon Powershot S110 camera.

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INTRODUCTION

Remove all accessories connected to the camera prior to lens removal out of precaution.

🔧 TOOLS:

- Essential Electronics Toolkit (1)

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Step 1 — Battery Removal

- Remove the battery by sliding open the cover on the bottom of the camera.

⚠ This must be done in order to avoid causing any short circuits, and to continue with disassembly.

Step 2

- Removing the following 6 Phillips screws will allow access to the inside of the camera:

- Remove two screws on the right-side of the camera, near the HDMI port.

- Remove two screws on the opposite side of the camera.

- Remove the last two screws on the underside of the camera, near the tripod mounting hole.

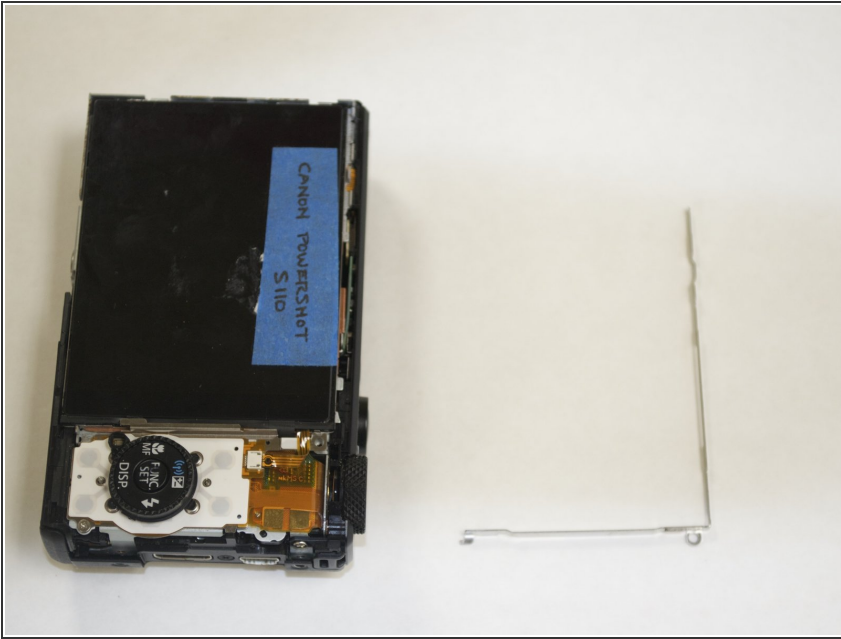This document was generated on 2020-11-23 11:42:11 PM (MST).

Step 3

- Release all clips around the outside plastic shell, and it will lift off.
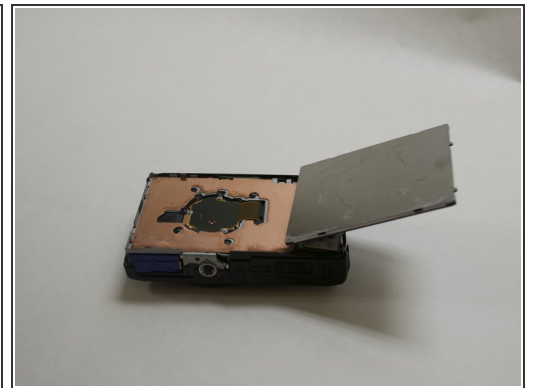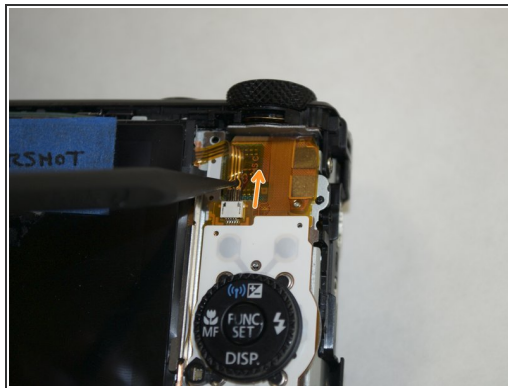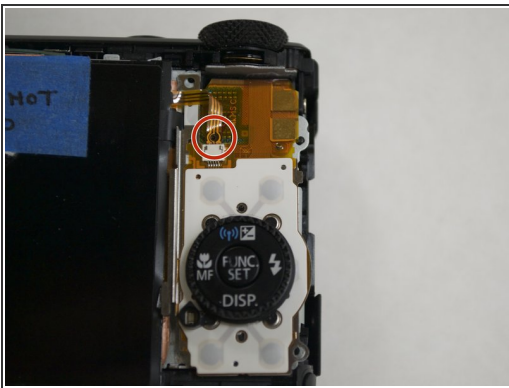
Step 4

- Remove the Phillips screw near the display holding the bracket in place.

- Remove the second Phillips screw in the bottom corner, making it easier to remove the bracket.
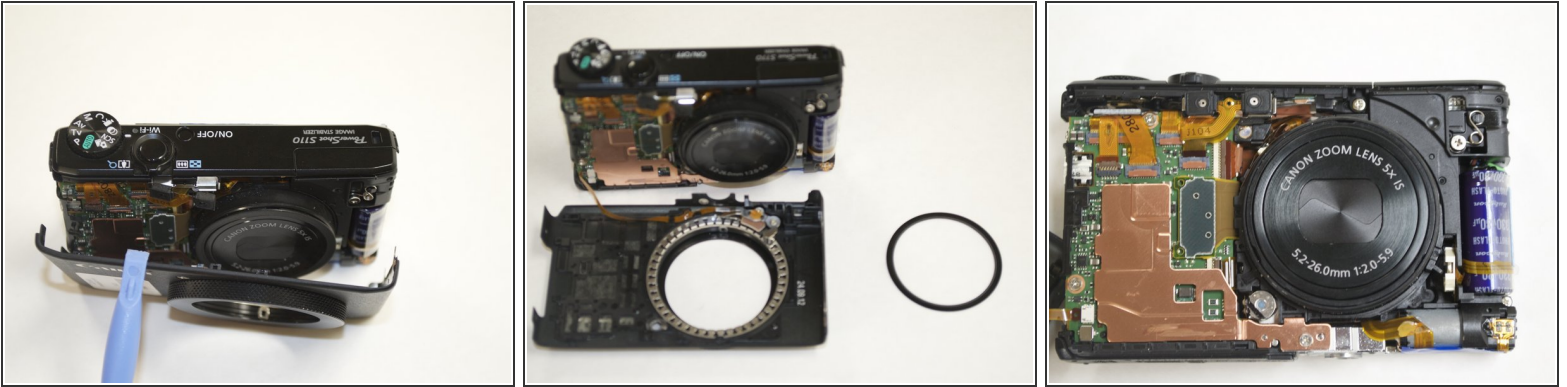
Step 5

- Lift out the display mounting bracket, and set it aside.

Step 6

- Using a plastic spudger, slowly pull out the ribbon using the hole shown in the image. The first of three logic connectors connecting the display to the camera is now removed.

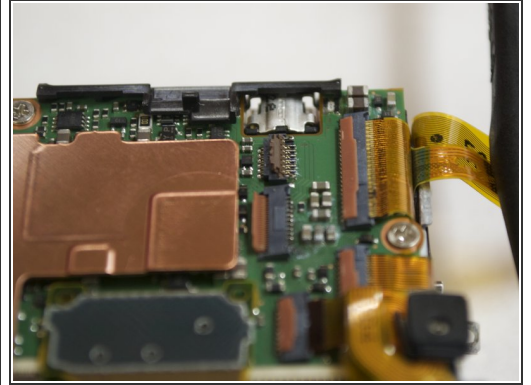- The display should now be partially disconnected from the back side of the camera.
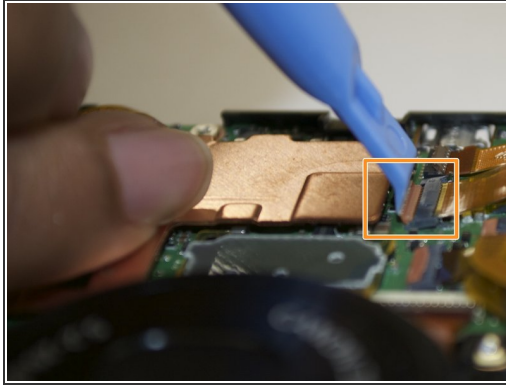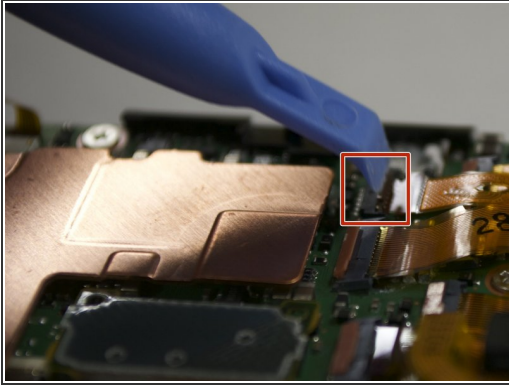
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Step 7

- In order to remove the other two connectors, the front of the case must be removed. Slowly pry around the edges using a plastic prying tool to free the case. A lens-ring piece will fall out from the inside of the camera; set this aside.
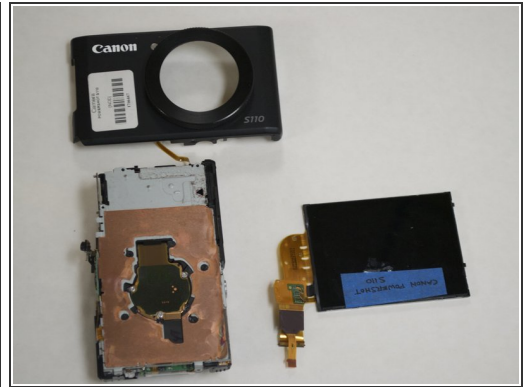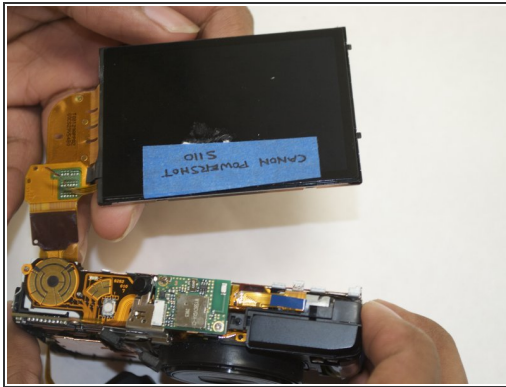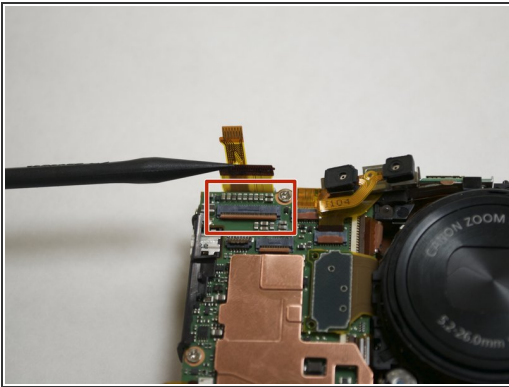
Step 8

- Remove the two screws that hold the top piece of the plastic case in. One is short, one is long.

- With a spudger remove the two rubber pads from the top of the camera to prevent pulling on the flex cable.
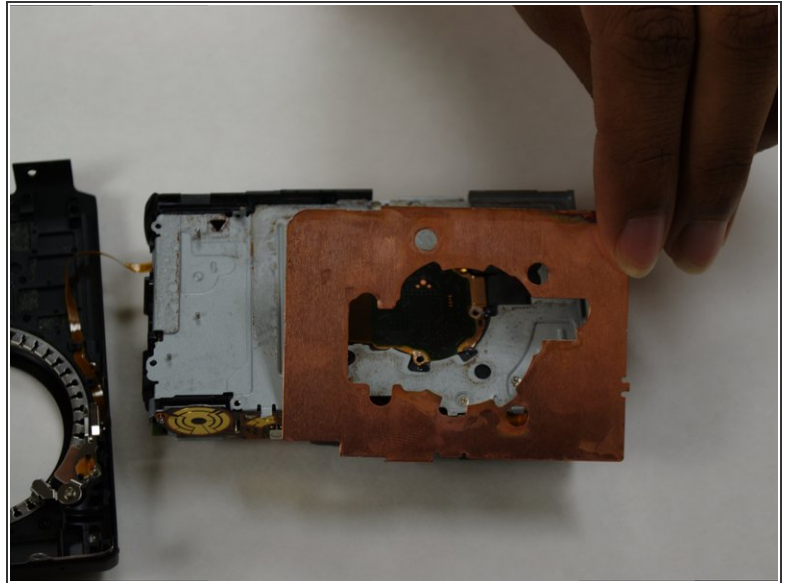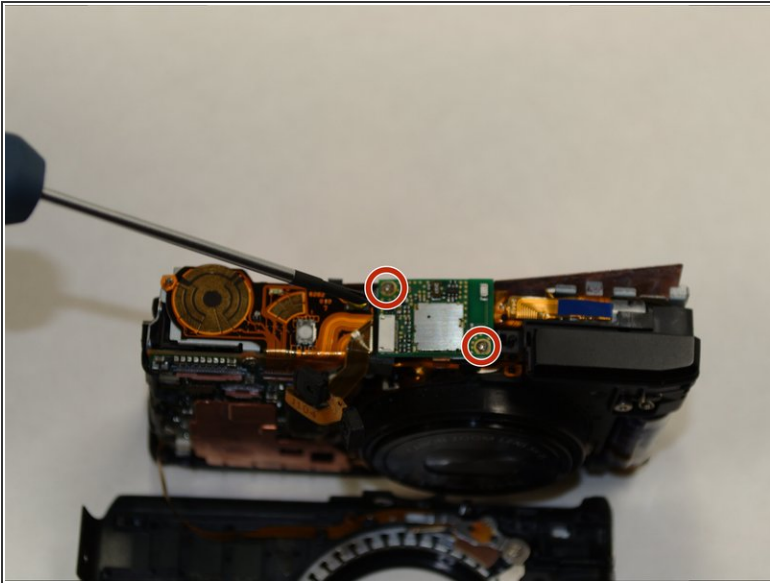
Step 9

- Flip up the tab holding down this logic ribbon.

- Flip up a second tab holding down this other ribbon; both the cables should be easily removable following this.
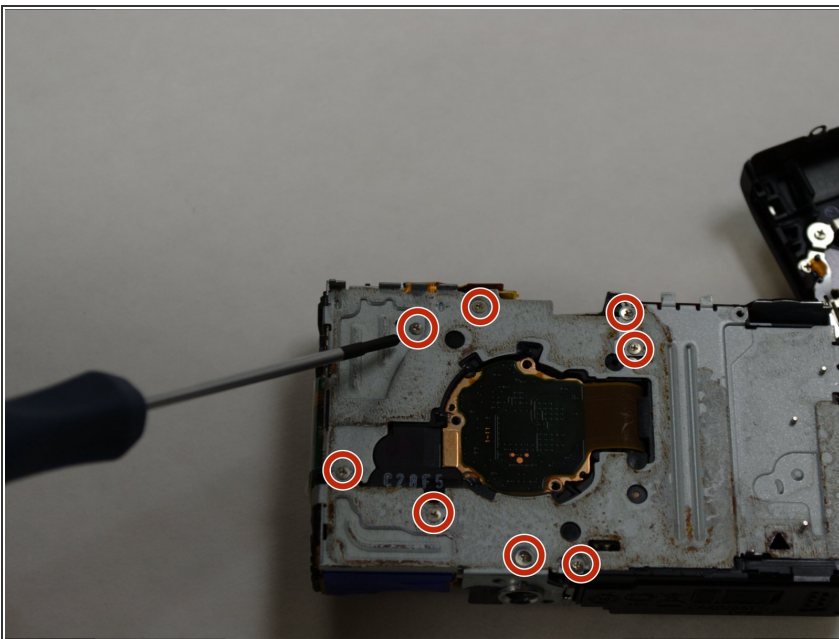
Step 10

- Flip up the tab and remove the last ribbon.

- The display can now be lifted off the camera and the logic ribbons attached in the front can slide out.

Step 11

- Using a Phillips screwdriver, remove the screws on the small circuit board at the top of the camera.

- This will allow you to finish removing the copper panel with either your hands or a prying tool.

Step 12

- Using a Phillips screwdriver, remove the 8 screws attaching the metal panel to the camera.

- ⚠ During reassembly, make sure the screws go back in their specific holes, to avoid damage to the camera.
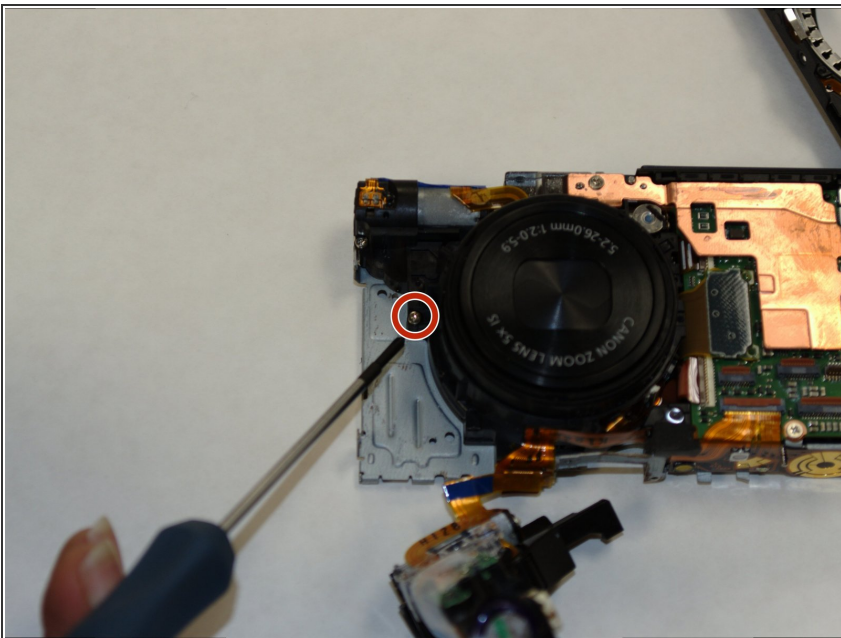

Step 13 — Remove flash unit

- To remove the flash assembly, disconnect the flex cable connection, then move the flash unit out of the way.
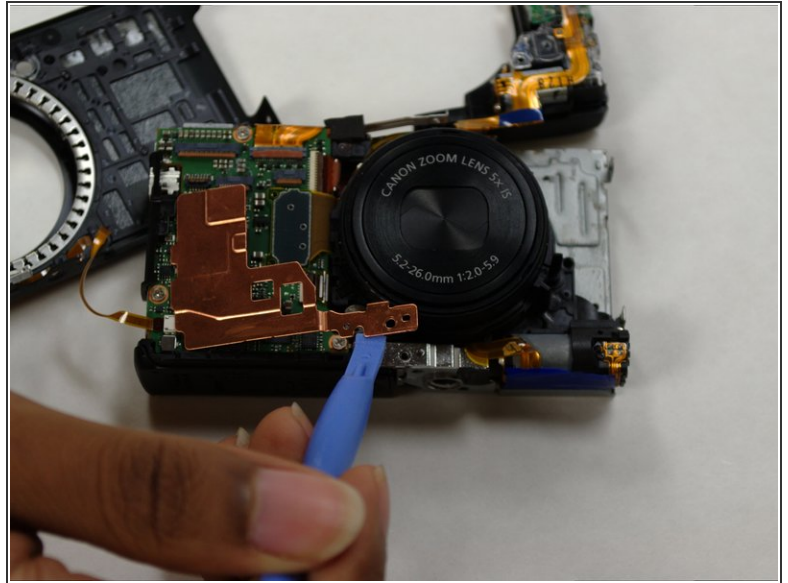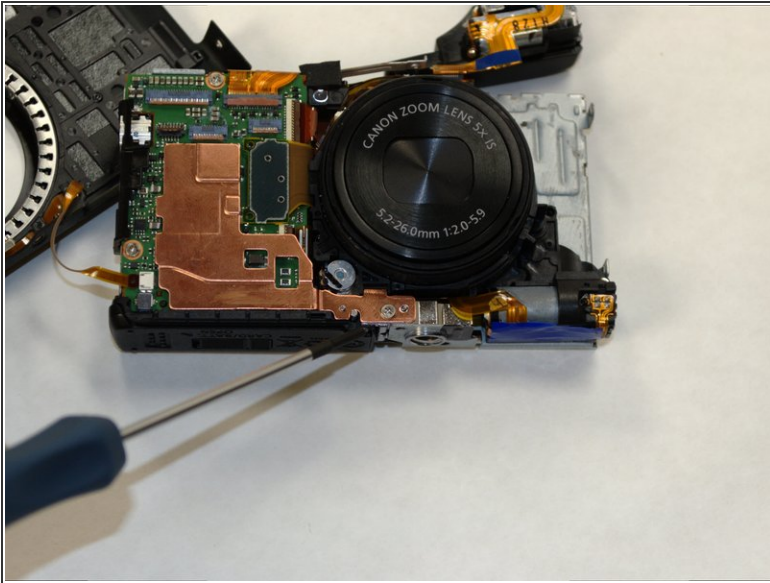
⚠️ Exercise caution when handling the flash unit, as there is minimal plastic protection preventing an electric shock.
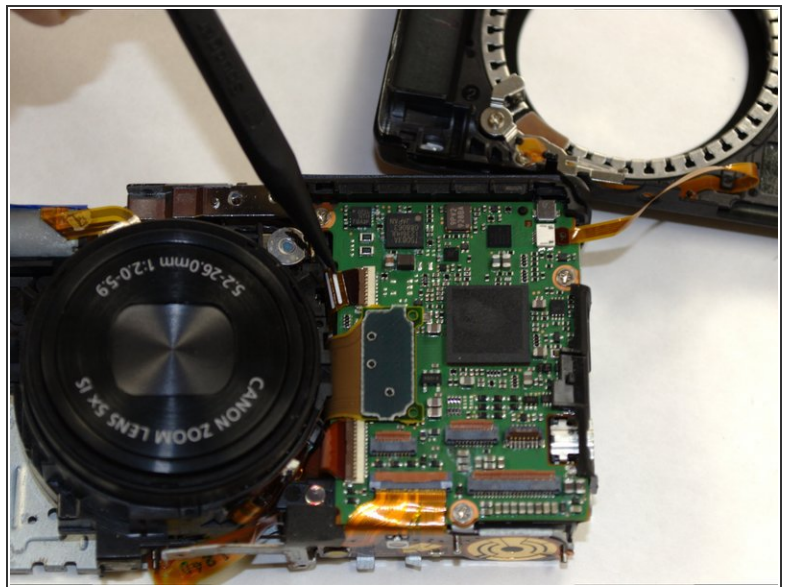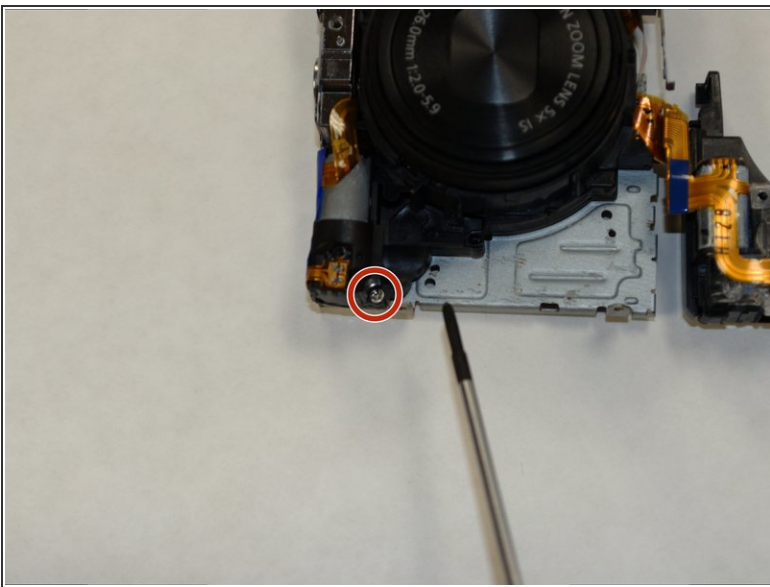
Step 14

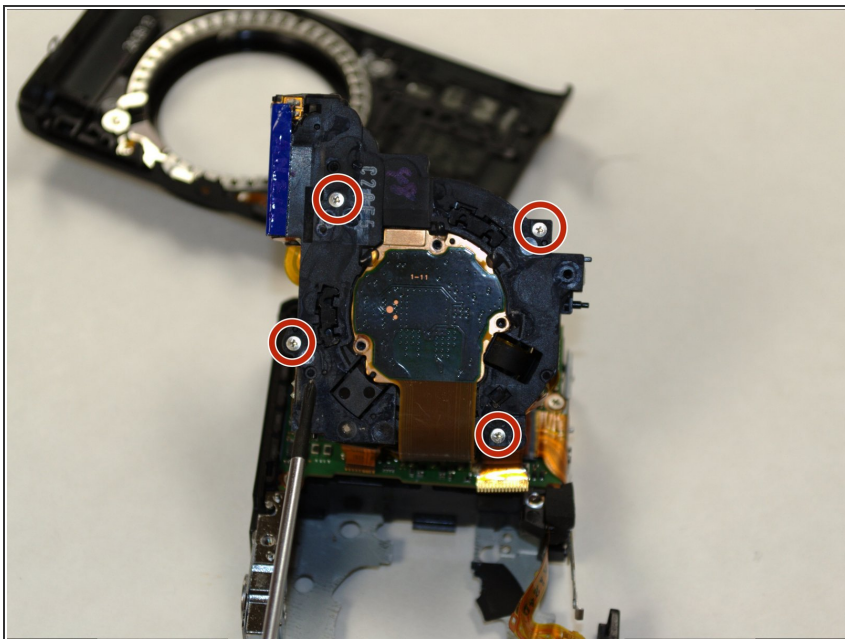- Remove the Phillips screw on the front facing side of the lens.

Step 15

- Remove the Phillips screw holding the copper plate in place.

- Use a prying tool to lift off the copper plate.
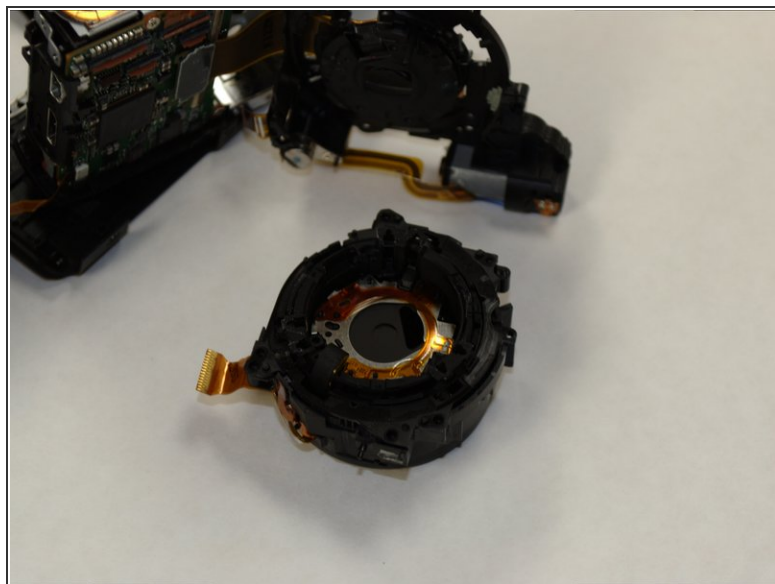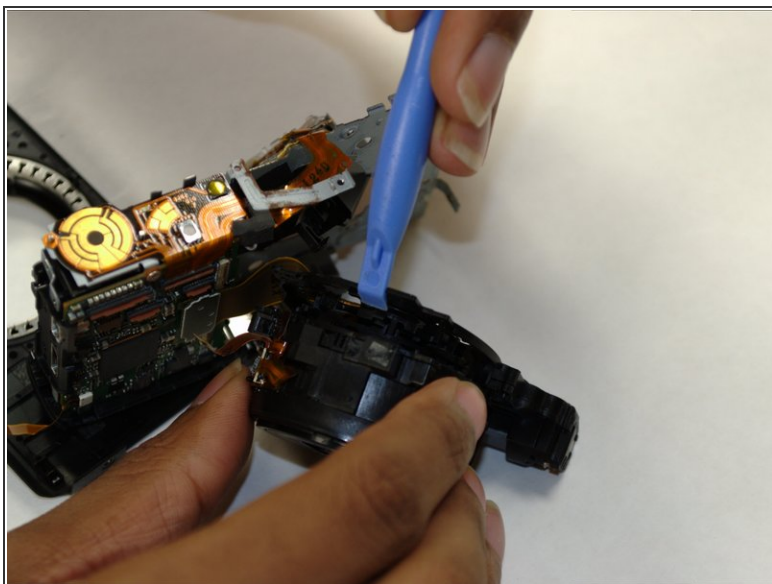
Step 16

- Remove the indicated screw on the front facing side of the lens using a Philips screwdriver.

- Next, remove the small attached ribbon by lifting up the clip and gently pulling the ribbon out.

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Step 17

- Lift the lens up to reveal the screws underneath.

- Remove the 4 Phillips screws connecting the lens to the lens bracket.

Step 18

- Using a prying tool, remove the lens bracket.

⚠ Handle your new lens carefully upon reassembly, as it's very fragile.

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

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