



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)

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.

Step 3



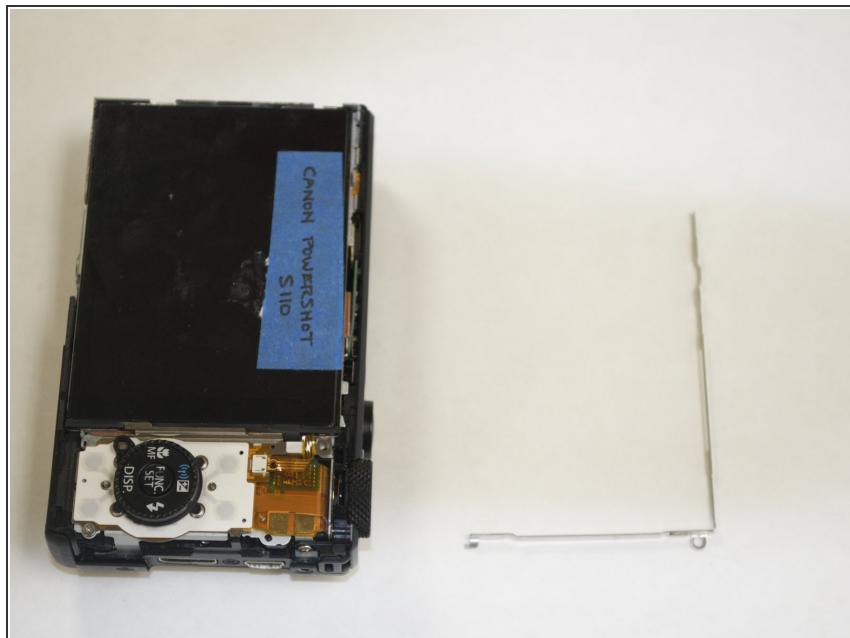
- Release all clips around the outside plastic shell, and it will lift off.

Step 4



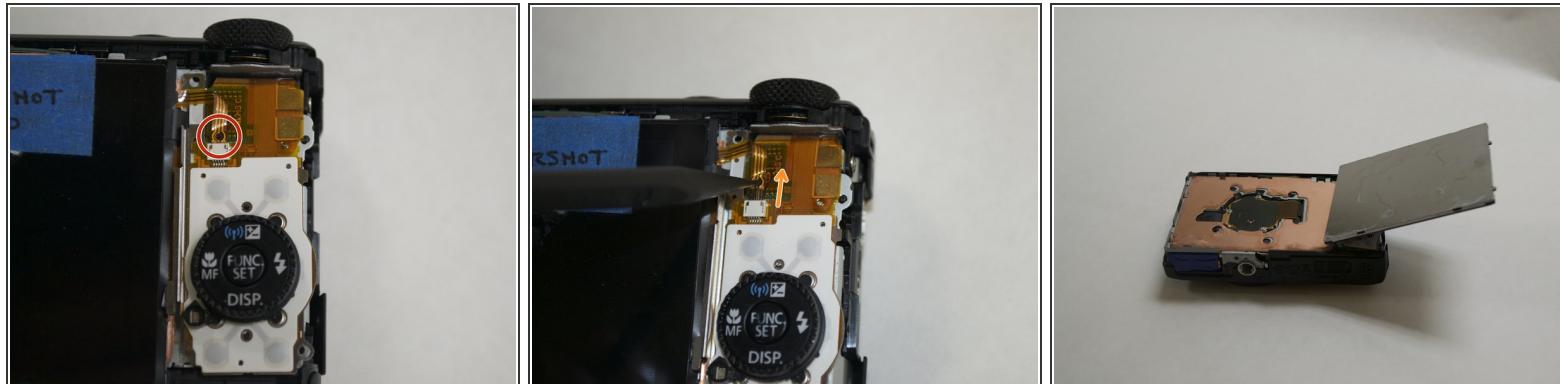
- Remove the Phillips screw near the display holding the bracket in place.
- Remove the second Phillips screw in the bottom corner, making it easier to remove the bracket.

Step 5



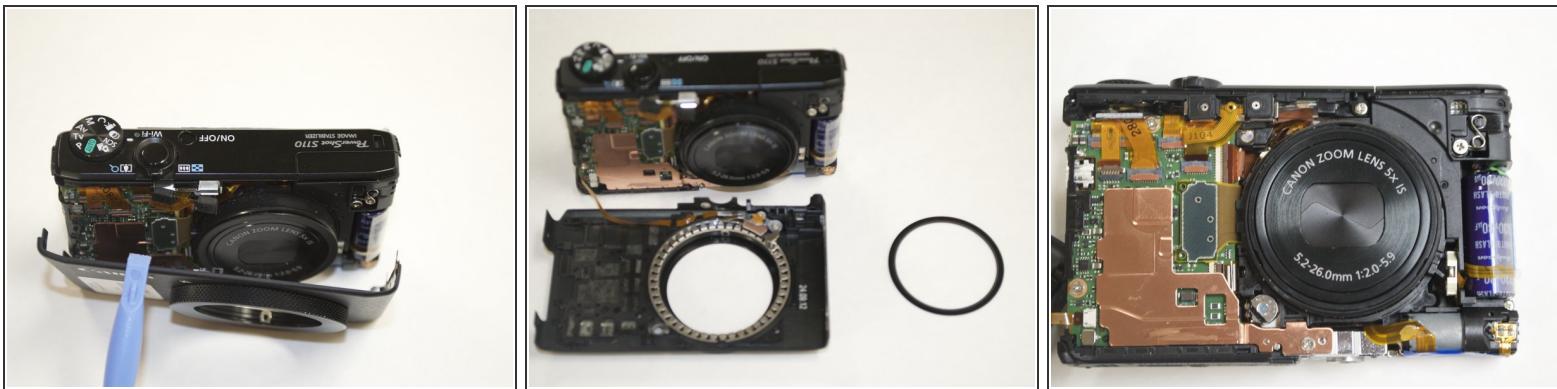
- Lift out the display mounting bracket, and set it aside.

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.

Step 7



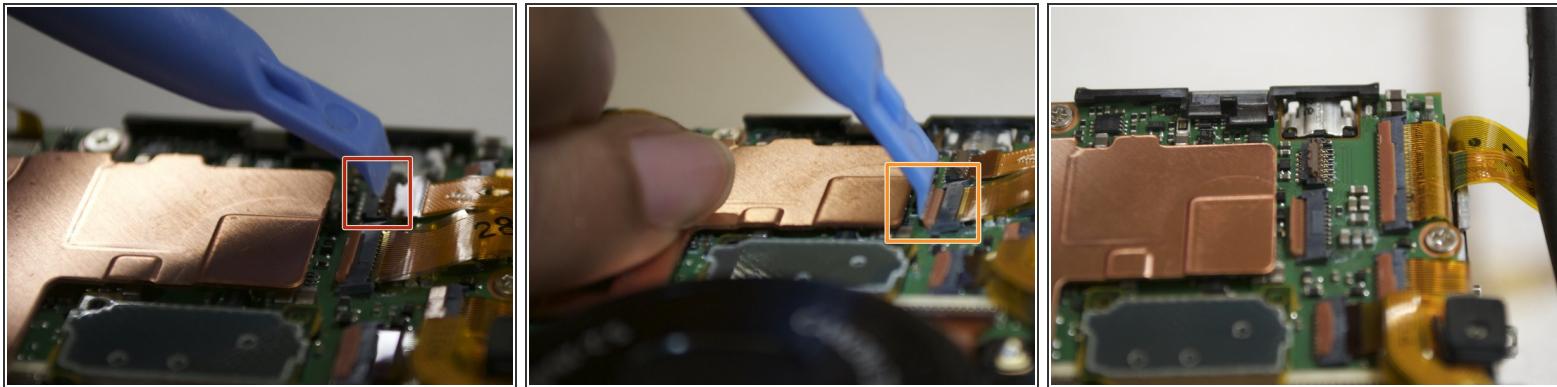
- In order to remove the other two connectors, the front of the case must be removed. Slowly pry around the edges using a plastic prying tool to free the case. A lens-ring piece will fall out from the inside of the camera; set this aside.

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



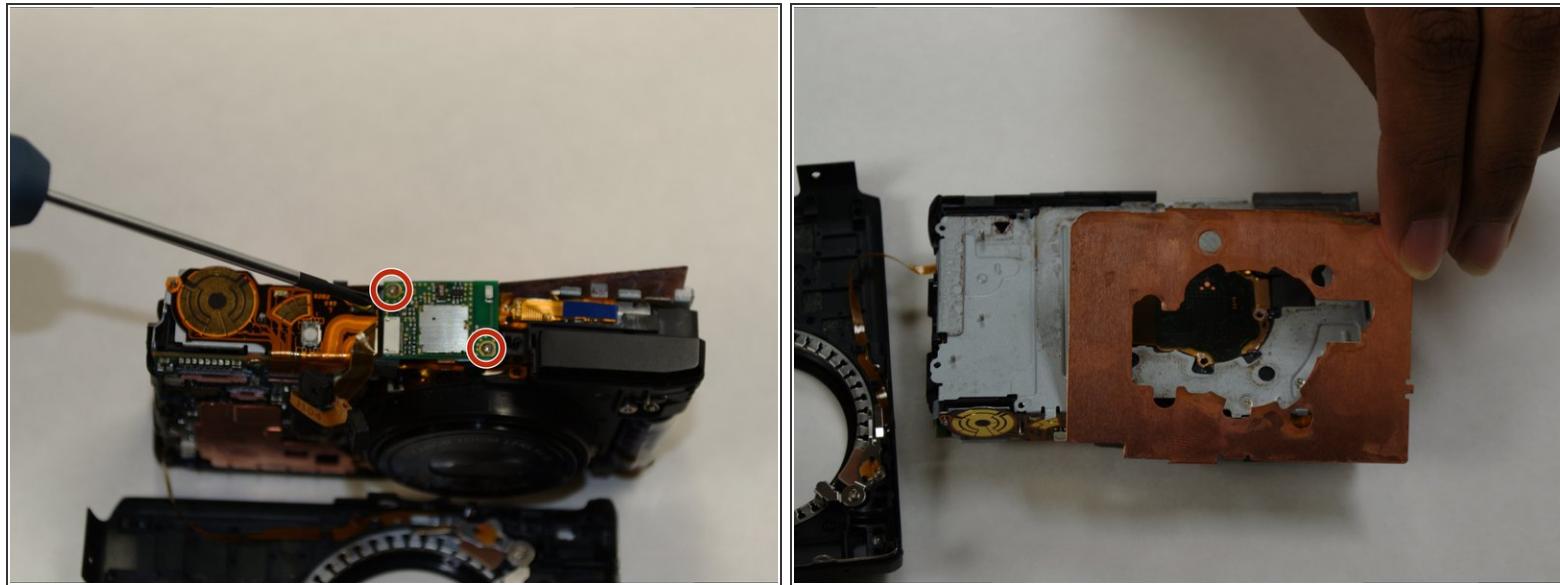
- Flip up the tab holding down this logic ribbon.
- Flip up a second tab holding down this other ribbon; both the cables should be easily removable following this.

Step 10



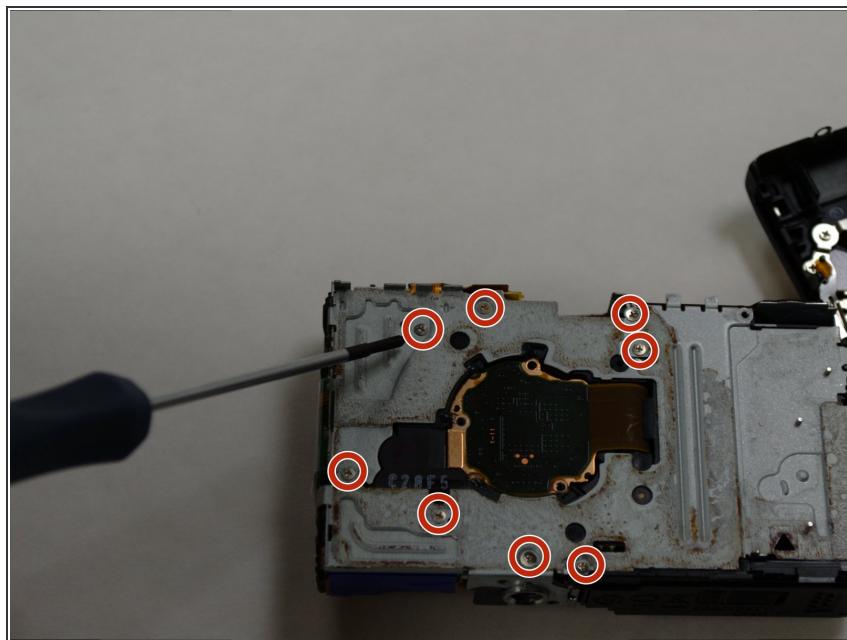
- Flip up the tab and remove the last ribbon.
- The display can now be lifted off the camera and the logic ribbons attached in the front can slide out.

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

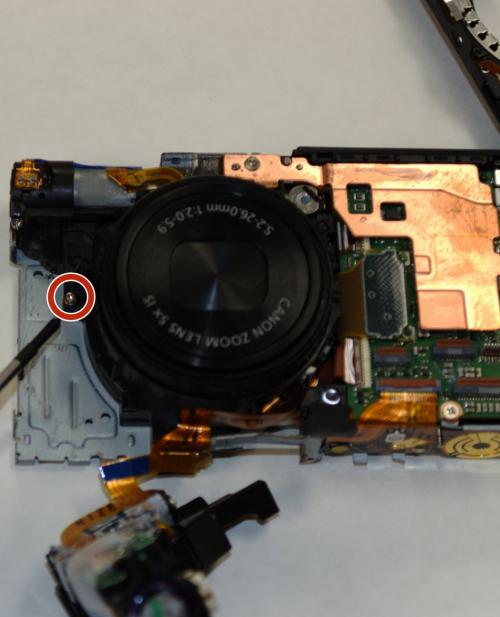


- To remove the flash assembly, disconnect the flex cable connection, then move the flash unit out of the way.

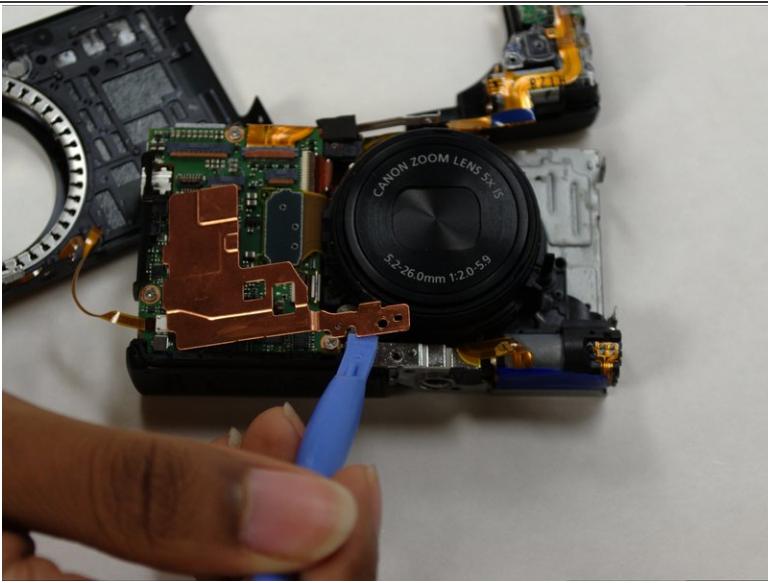
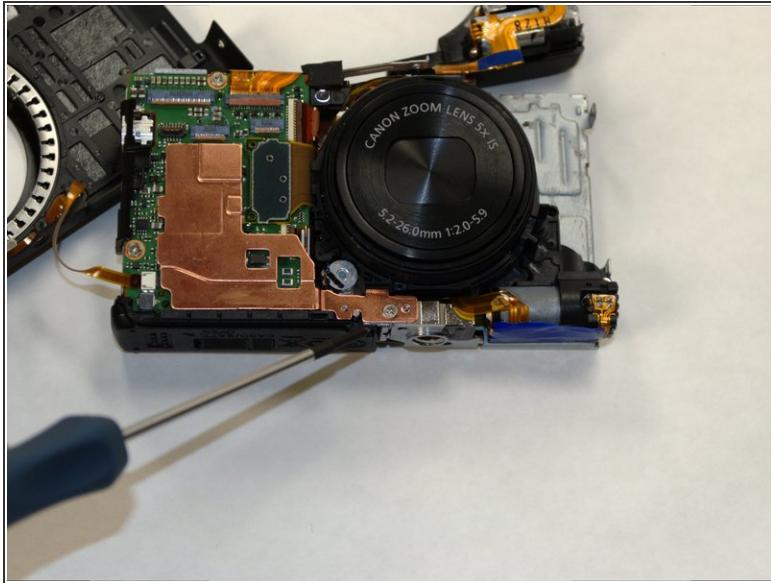
 Exercise caution when handling the flash unit, as there is minimal plastic protection preventing an electric shock.

Step 14

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

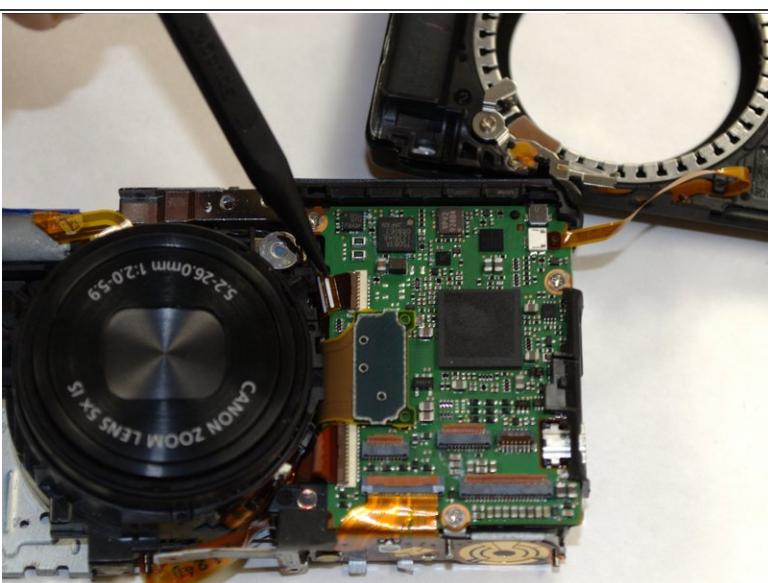
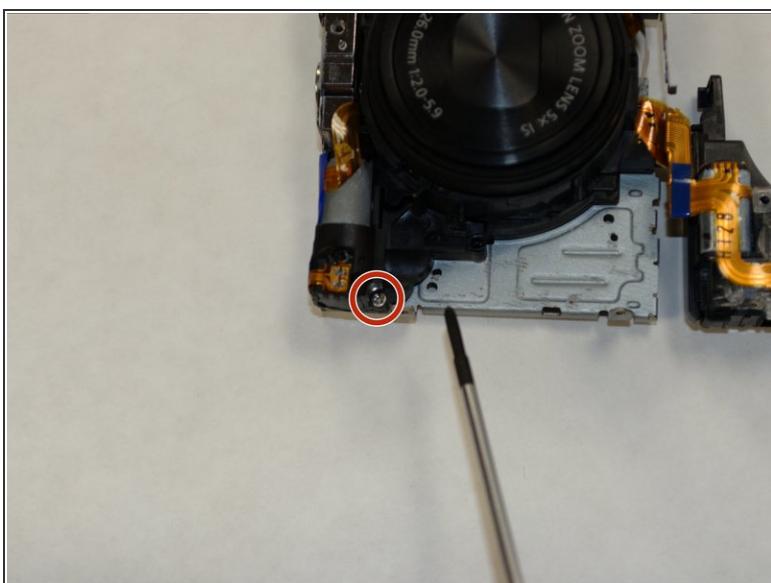


Step 15



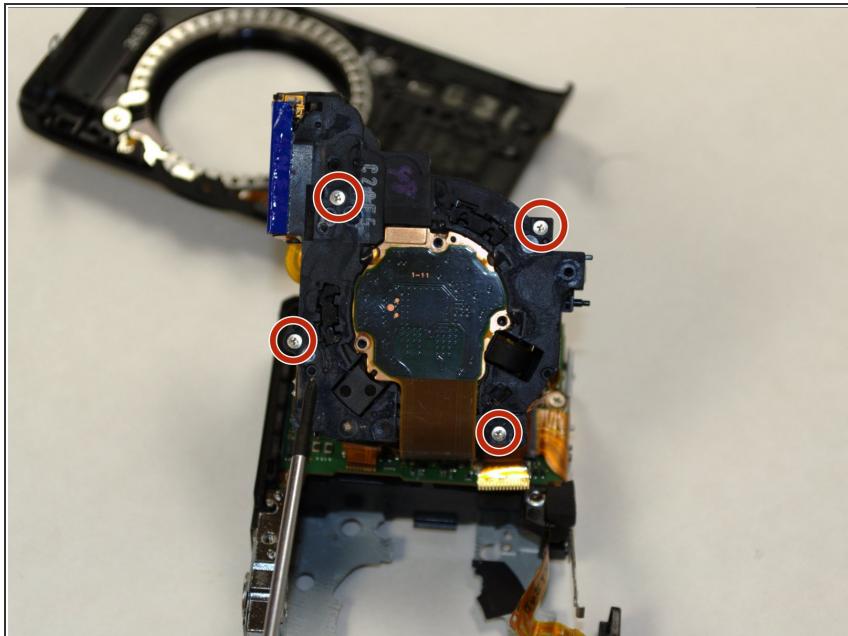
- Remove the Phillips screw holding the copper plate in place.
- Use a prying tool to lift off the copper plate.

Step 16



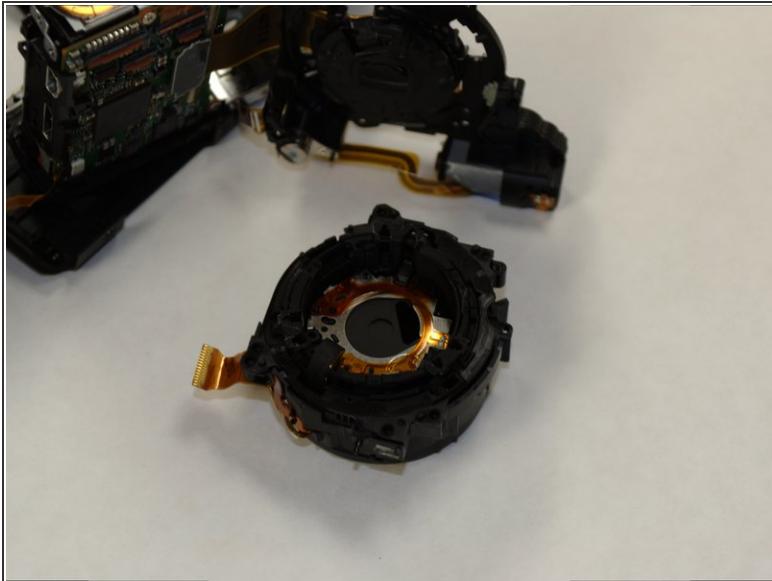
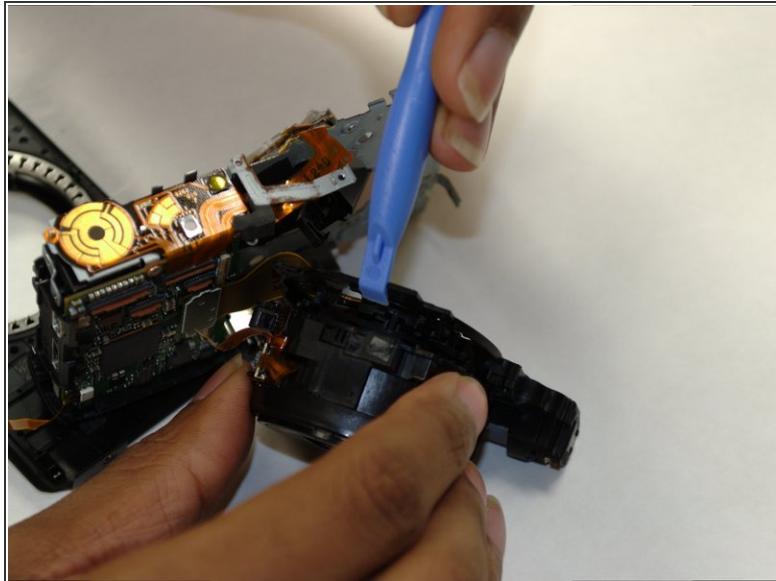
- Remove the indicated screw on the front facing side of the lens using a Philips screwdriver.
- Next, remove the small attached ribbon by lifting up the clip and gently pulling the ribbon out.

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.

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