



Canon PowerShot A590 IS LCD screen Replacement

This guide will instruct the user on how to repair or replace the LCD screen in the Canon PowerShotA590 IS.

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INTRODUCTION

First you will remove the batteries and back cover of the camera. You will unscrew the LCD. You will then remove the ribbon attached to the logic board. Finally you will unsolder the LCD from the logic board.



TOOLS:

- [electric magnetic screwdriver - helpful](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Soldering Iron](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Locate and Open Battery Hatch

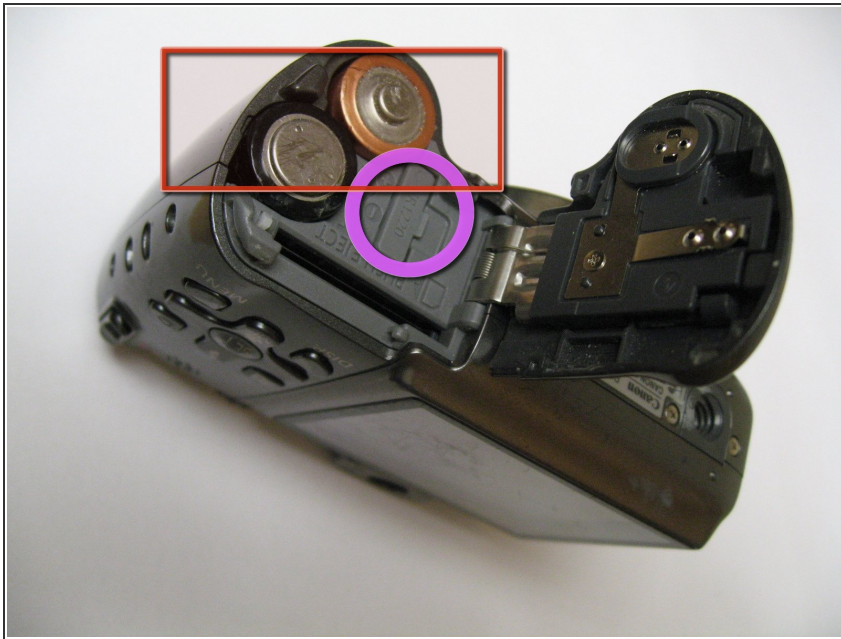


- The battery hatch is on the bottom of the camera.

⚠ CAUTION: Locate the switch to open the hatch and push gently toward the front of the camera. Too much force can break the hatch.

- While the switch is pushed forward, pull the cover away from the camera.

Step 2 — Locate and Remove Camera Batteries



- This camera requires AA batteries. To remove batteries, simply allow them to fall out of the camera.
- The clock battery cover is shown here in the purple circle. Use a fingernail to lift the battery out of the camera.

Step 3 — Replacing Camera Batteries



- When replacing the AA batteries, verify they are oriented correctly by following the (+) and (-) signs on the camera.

Step 4 — Remove Screw Near AV Port



- Remove the screw located under the rubber flap on the left side of the camera using a magnetic screwdriver.

Step 5 — Remove Side Screws



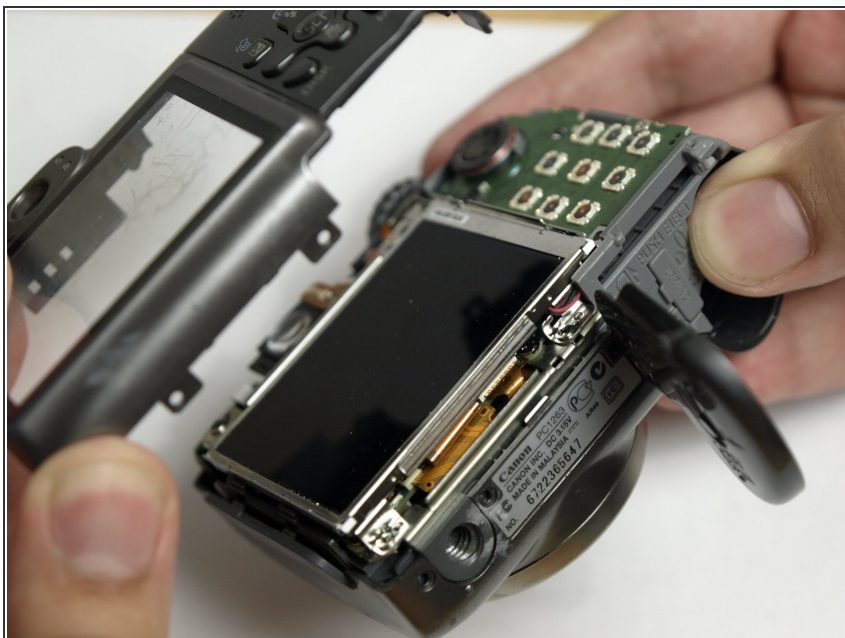
- Remove the two screws located on the other side of the camera using a magnetic screwdriver

Step 6 — Remove Bottom Screws



- Remove the three screws located at the bottom of the camera using a magnetic screwdriver.

Step 7 — Remove Back Cover



- Open the battery cover.
- Using the iPod tool, push up gently around all edges of the camera.

Step 8 — Remove LCD Screws



- Remove the four (4) screws near the corners of the LCD.

Step 9 — Lift LCD Screen



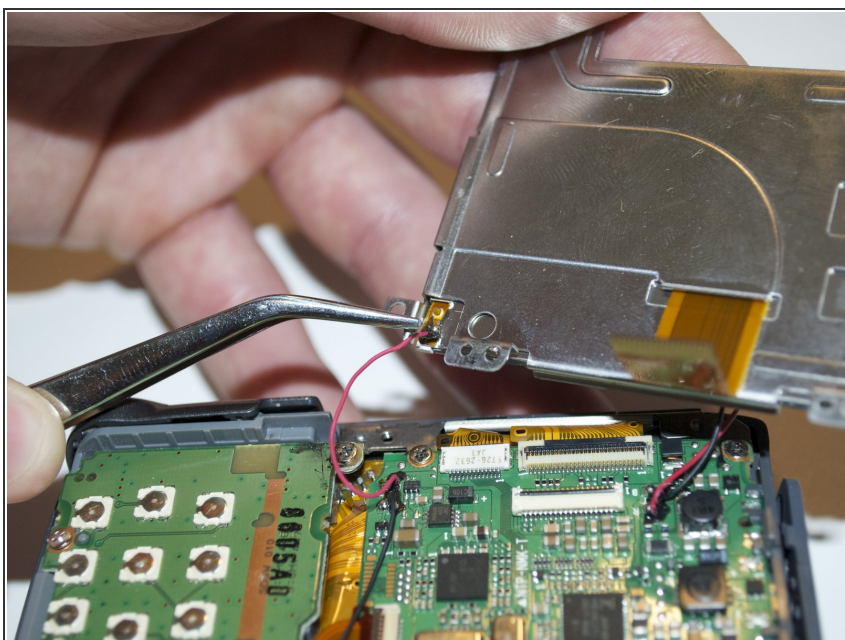
- ⚠ CAUTION: The LCD is connected to the logic board with different wires and a ribbon. Using too much force may disconnect these parts.
- Lift the screen off of the logic board.

Step 10 — Remove Ribbon



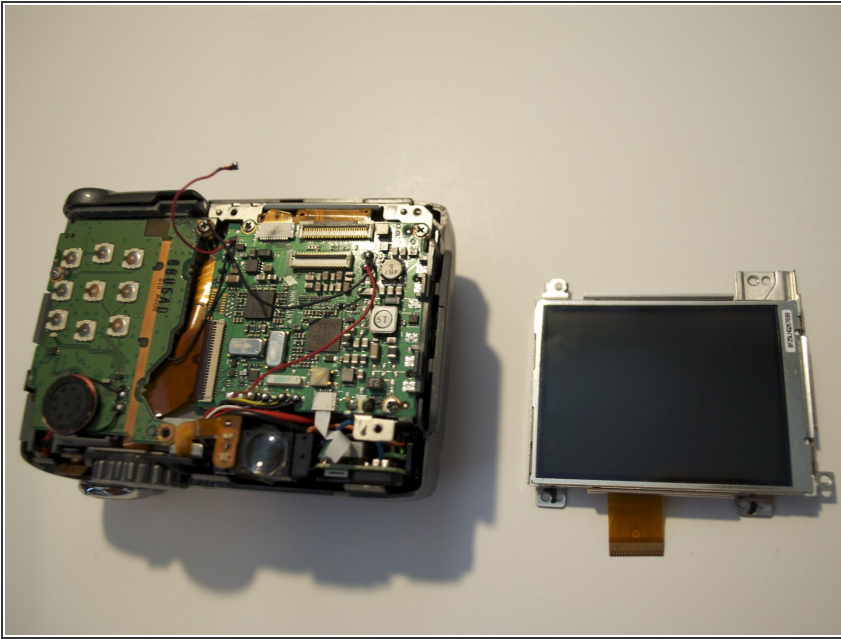
- With the LCD pulled back in one hand and using a blue iPod opener tool, pull the black retaining clip up and remove the ribbon.

Step 11 — Unsolder LCD



- Use tweezers to unsolder the wires from the bottom left corner on the back of the LCD.
- Remove the solder from the wires.

Step 12



- The LCD is now free from the camera and you are now able to replace it with the new screen.

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