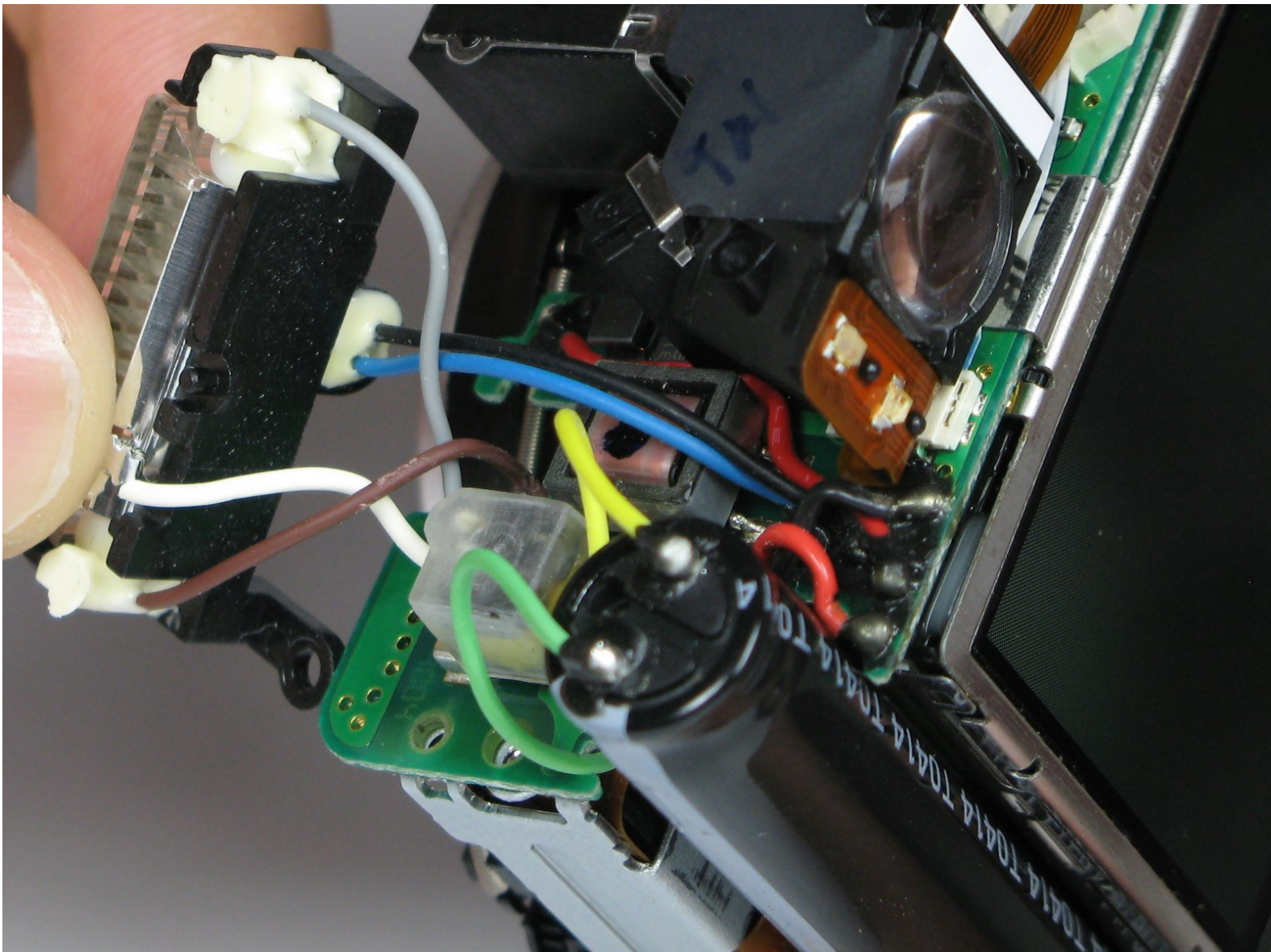# Canon PowerShot A75 Flash Unit Replacement

This guides shows you how to replace the flash unit of the Canon PowerShot A75.

Written By: Chris Miyahira

INTRODUCTION

Use this guide to replace the Canon PowerShot A75's flash unit.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- Soldering Iron (1)
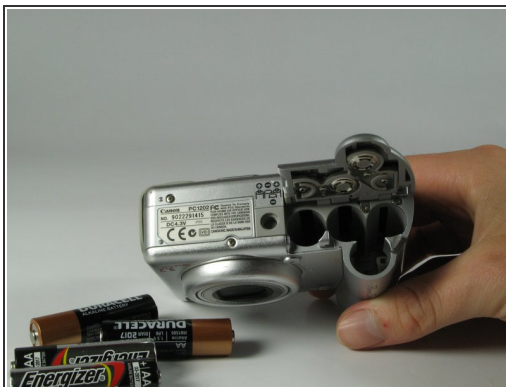- Tweezers (1)

Step 1 — Batteries

- Turn the camera over and locate the "BATT OPEN" sliding switch.

Step 2

- Slide the switch to the right.
- ⓘ The battery cover should slide down and spring open.

Step 3

- Remove the 4 AA batteries.

  - (i) Watch for the orientation of the batteries as they slide out.

  - ★ The battery orientation is shown under the battery flap itself and on a sticker next to the battery flap.

Step 4 — Casing

- Remove the three 2.5mm screws on the bottom of the camera.

This document was generated on 2020-11-28 02:33:49 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 4 of 11
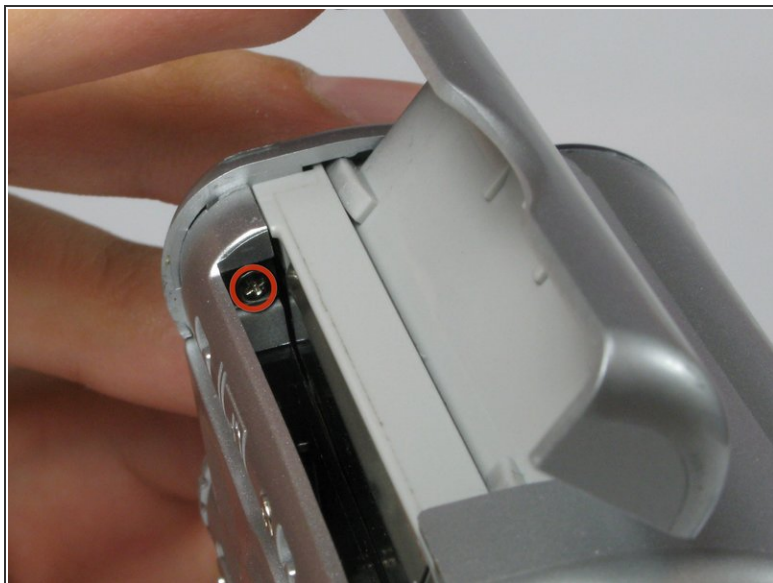
Step 5

- Remove the 3.8mm screw underneath the flap that covers the A/V port.
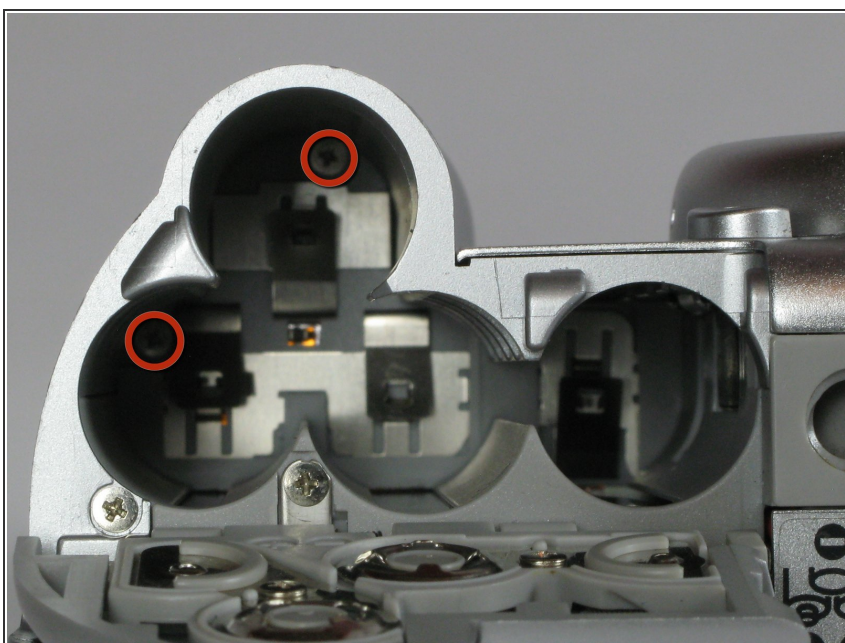
Step 6

- Remove the 2.4mm screw located underneath the cover of the memory card slot.

Step 7

- Open the memory card slot by sliding it laterally until you hear a click.

- Remove the 5.9mm screw in the upper corner of the memory card slot.

Step 8

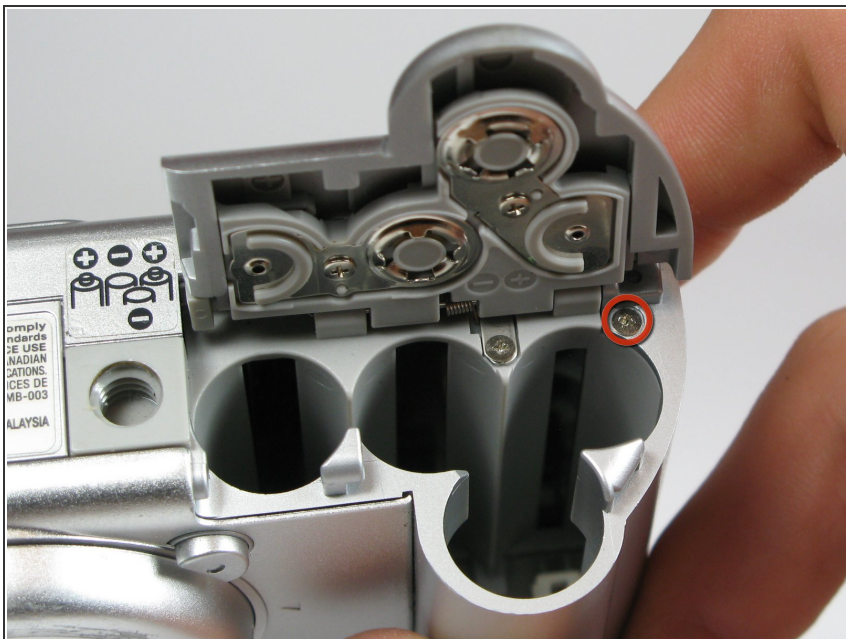- Remove the two 4.1mm screws at the bottom of the battery flap.

Step 9

- Lift the shutter button and speaker part from the top of the camera.
  ⚠️ **DO NOT** pull the part too hard because there is a plug connecting the speaker to the camera.

Step 10

- Using a pair of tweezers, grab the plug that connects the speaker to the camera and gently pull it out.

This document was generated on 2020-11-28 02:33:49 AM (MST).

Step 11

- Remove the rightmost 4.2mm screw underneath the battery cover, not the center screw.
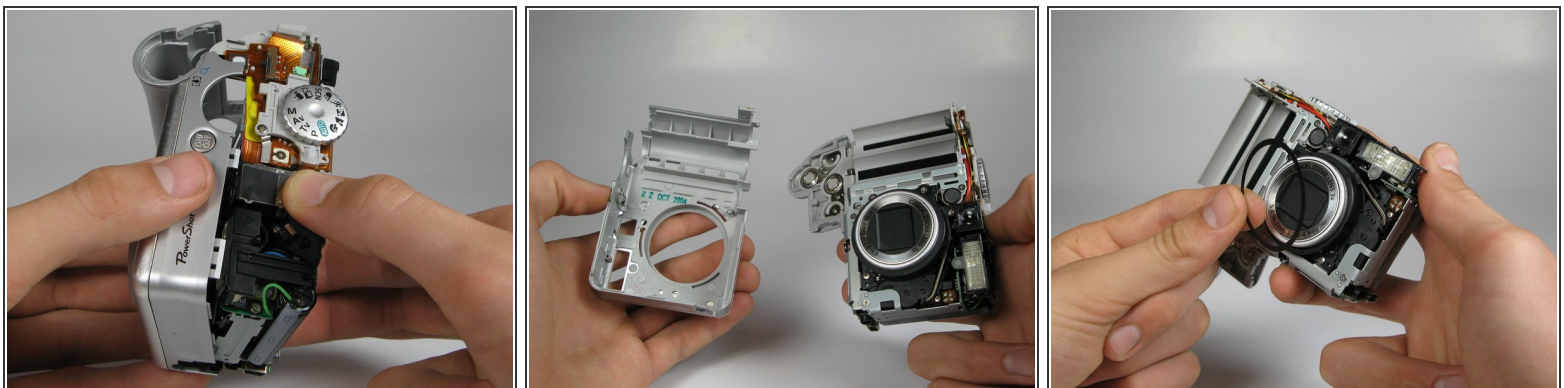
Step 12

- Separate the back casing and front casing of the camera using your hands.
  - ⓘ Pulling the two halves apart can be difficult, especially at the top. Use a moderate amount of force.
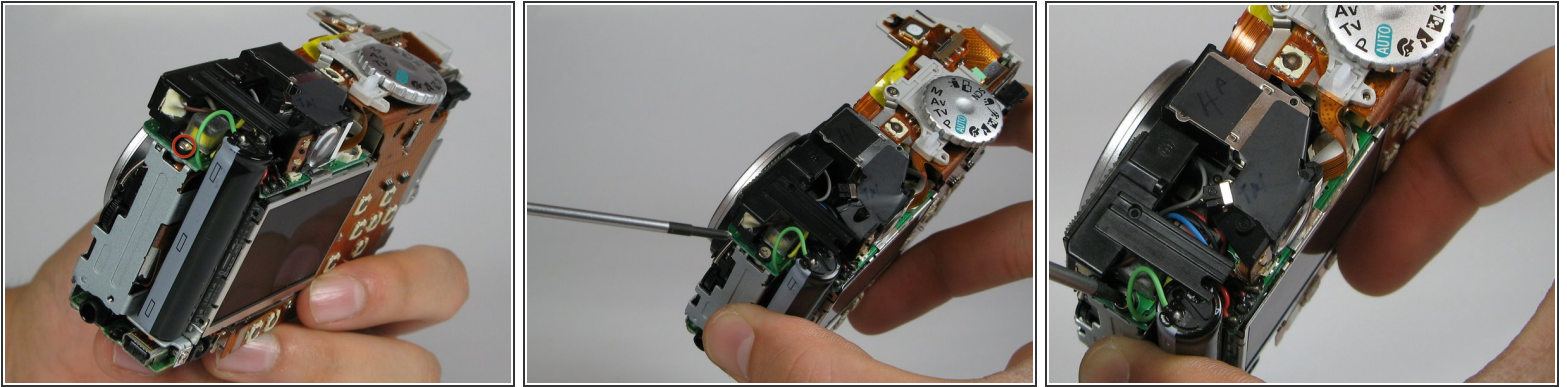
Step 13

- On the front of the camera, press the button on the lower left of the lens.

- Twist the outer lens casing counter-clockwise and slide it out.
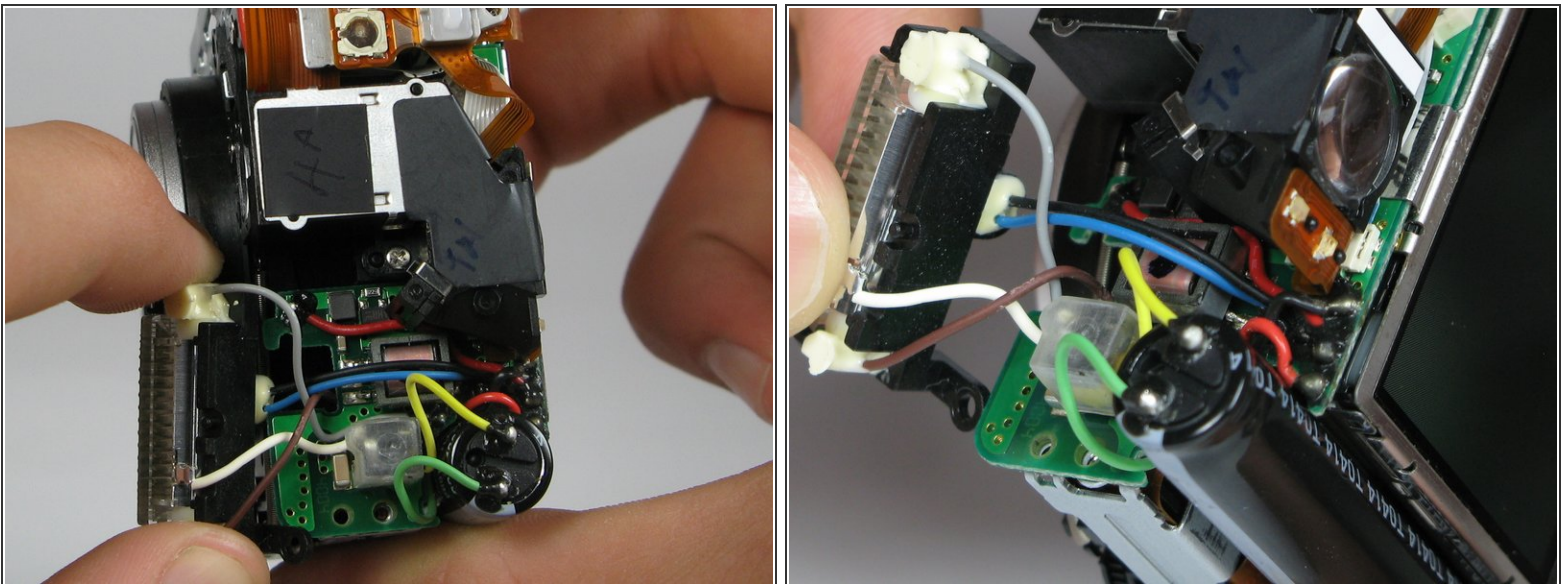
Step 14

- Take off the front casing.

- ⭐ There is a black rubber washer around the lens that comes out after you take the casing off. Make sure to replace it when putting the camera back together.

Step 15 — Flash Unit

- Rotate the camera such that the flash unit and capacitor are facing you.

  ⚠ **DO NOT** touch the capacitor because it may shock you.

- Remove the 3.5mm screw located between the flash unit and the capacitor.

Step 16

- Snap flash unit out of place with your fingers.

  ⚠ Do not proceed to the next step unless you have previous soldering experience because you can damage the flash unit if you are not careful.

- Unsolder the five wires connected to the flash unit in order to remove it.

This document was generated on 2020-11-28 02:33:49 AM (MST).

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

This document was generated on 2020-11-28 02:33:49 AM (MST).