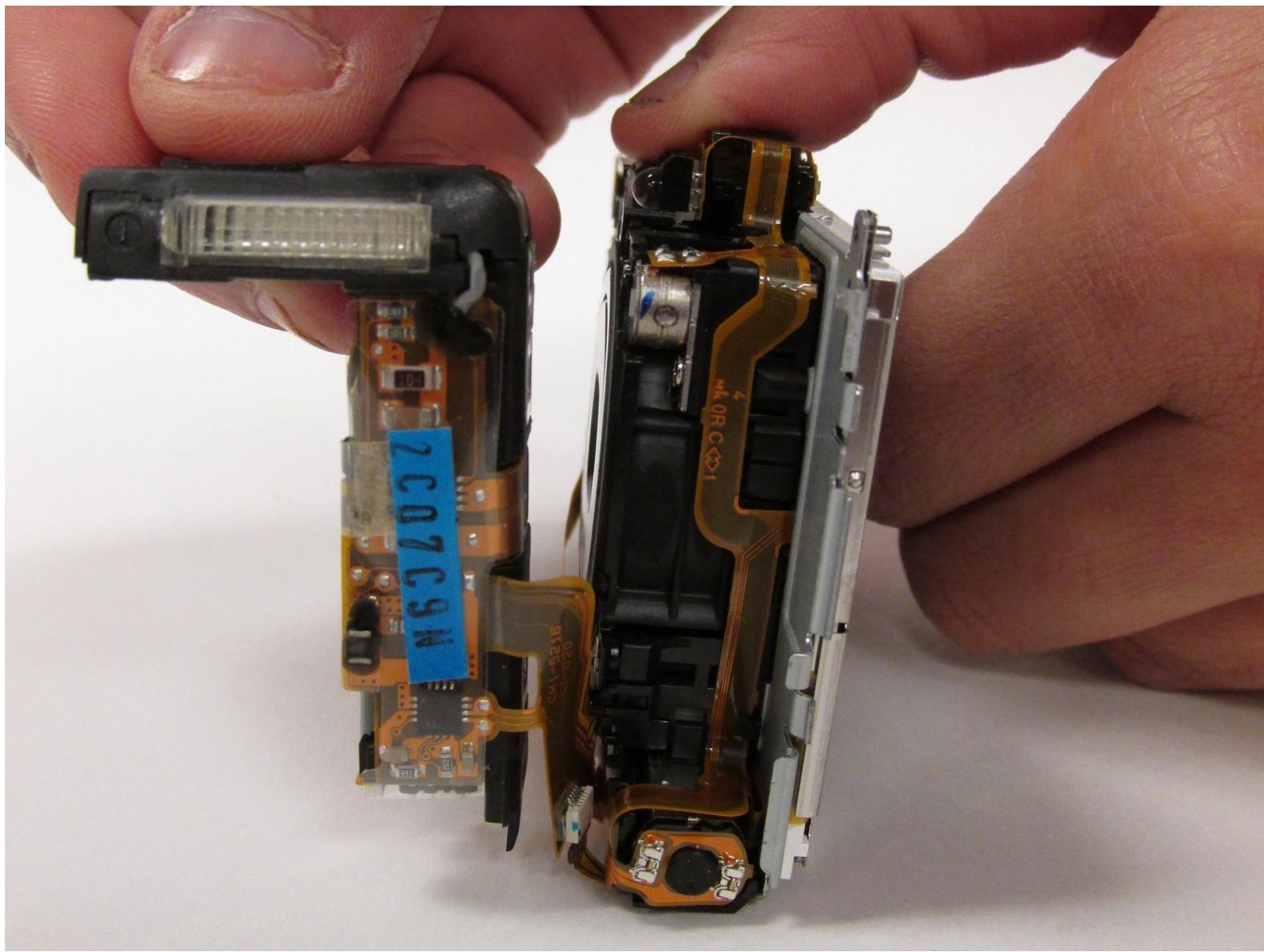




# Canon PowerShot SD780 IS Flash Capacitor Replacement

This is a basic guide on how to access the flash battery should you need to replace it.

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## INTRODUCTION

This replacement guide will show you how to access the flash capacitor of the Canon Powershot SD780 IS.

**Be extremely careful** in dealing with the capacitor as it can store a large electrical charge for a long period of time. The safest way to handle a capacitor is by discharging it. You can make a capacitor discharge tool by following the [Constructing a Capacitor Discharge Tool](#) guide.

### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Magnetic Project Mat](#) (1)  
*Optional For Keeping Track of Screws*
- [Anti-Static Project Tray](#) (1)  
*Optional For Keeping Track of Screws*

## Step 1 — Flash Capacitor



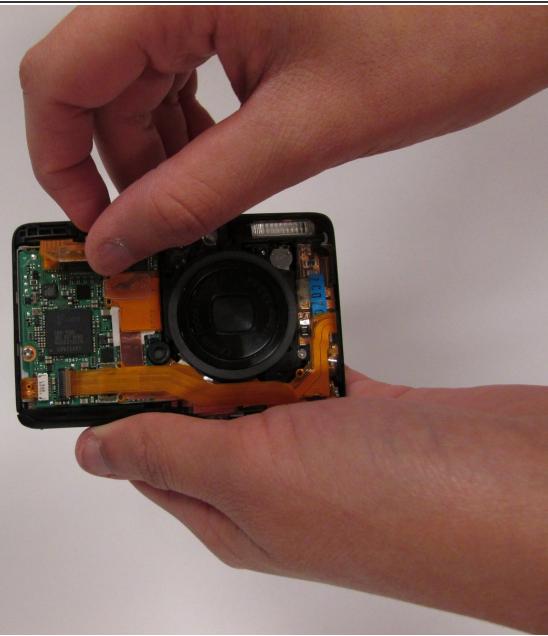
**⚠** Begin by making sure the camera is turned off and the battery has been removed to avoid any shock injuries.

## Step 2



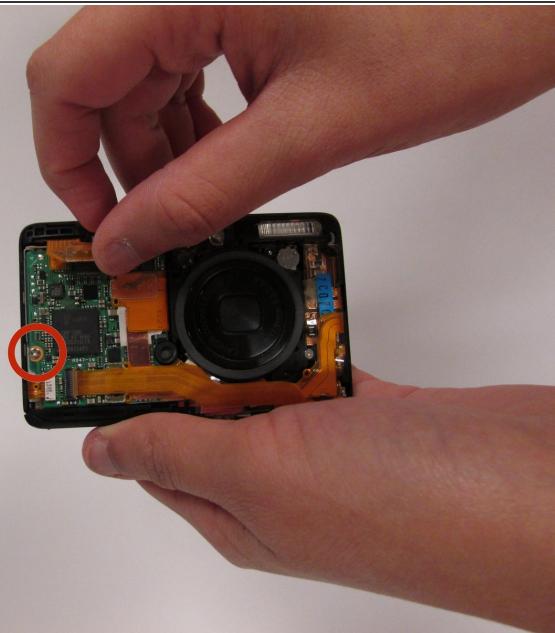
- Having removed the battery, you can begin removing the outermost screws on the camera to allow for case replacement. There are 5 screws in total. This will require a Philips head # 00 screwdriver.
- Keep track of where each screw came from in order to avoid complications during the reassemble process.
- The screws highlighted by the red circles in the second image (on the left side in the first image) are 2.0 mm long.

## Step 3



- Remove the front panel of the camera case to expose the top left copper strip, and gently pull the strip upward to disconnect from camera.

## Step 4



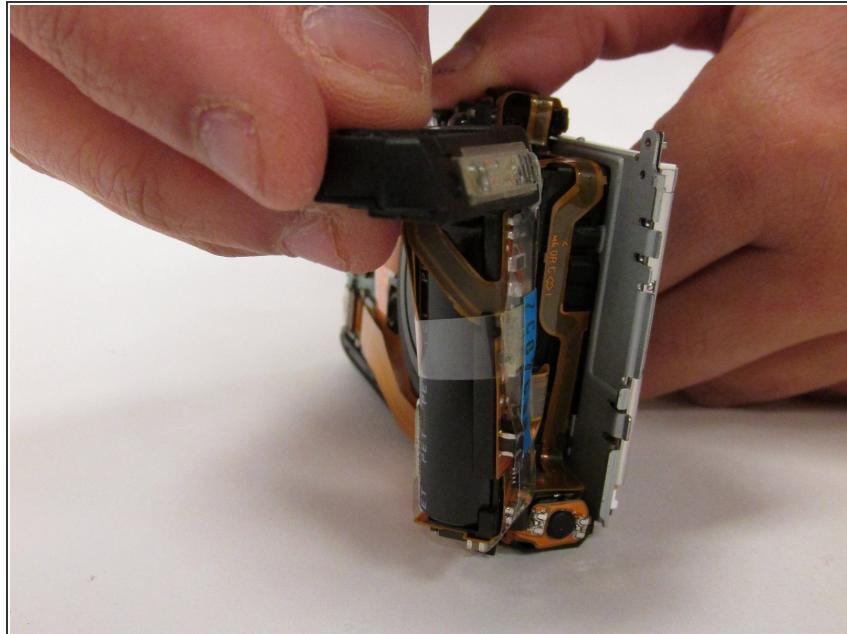
- Remove the screw on the far left hand side of the camera.

## Step 5



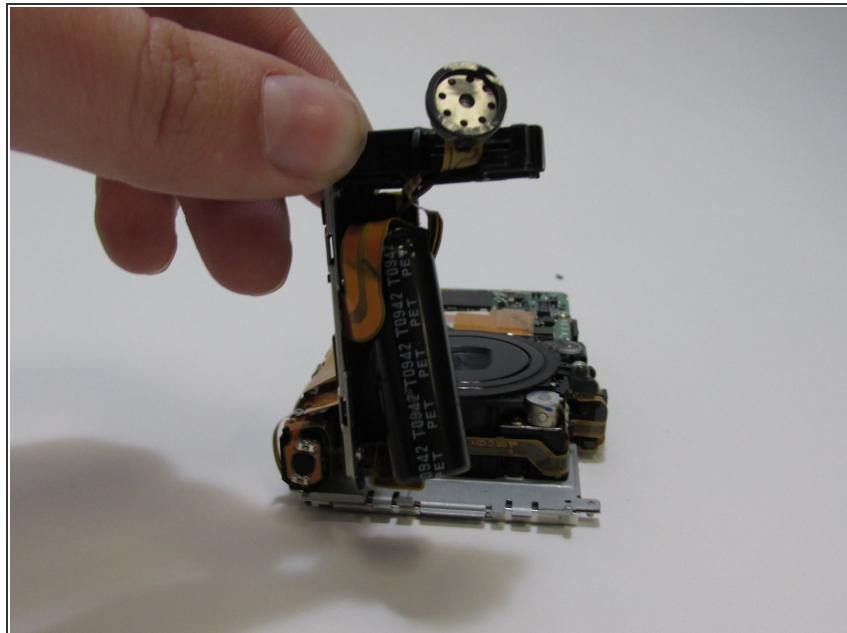
- Now that you have removed all of the screws, carefully pull the case apart at the seem. The case will detach from the camera in two pieces.

## Step 6



- Locate the image stabilizer on the top right of the camera and pry the internal battery away from the camera. Having done this, the internal battery can be removed easily.

## Step 7



- You have now exposed the internal battery, and you may proceed to exchange the old internal battery for a new one.

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