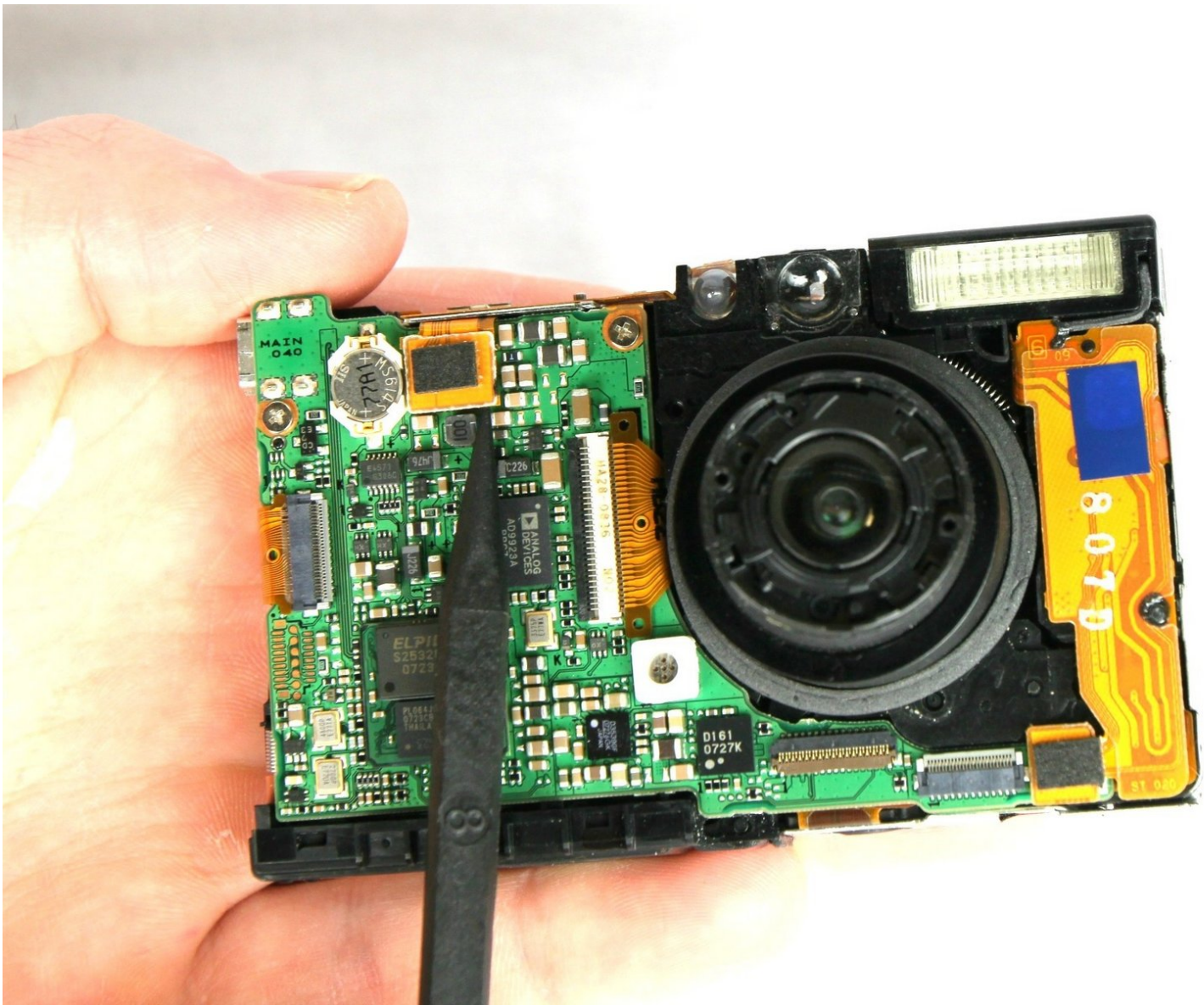




# Canon PowerShot SD1000 Lens Replacement

For the replacement or cleaning of a cracked or exposed lens.

Written By: Phillip Phung





## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Back Panel



- Remove the two 2.9 mm screws from the side panel closest to the camera lens.

## Step 2



- Remove the two 2.9 mm screws from the camera bottom panel.

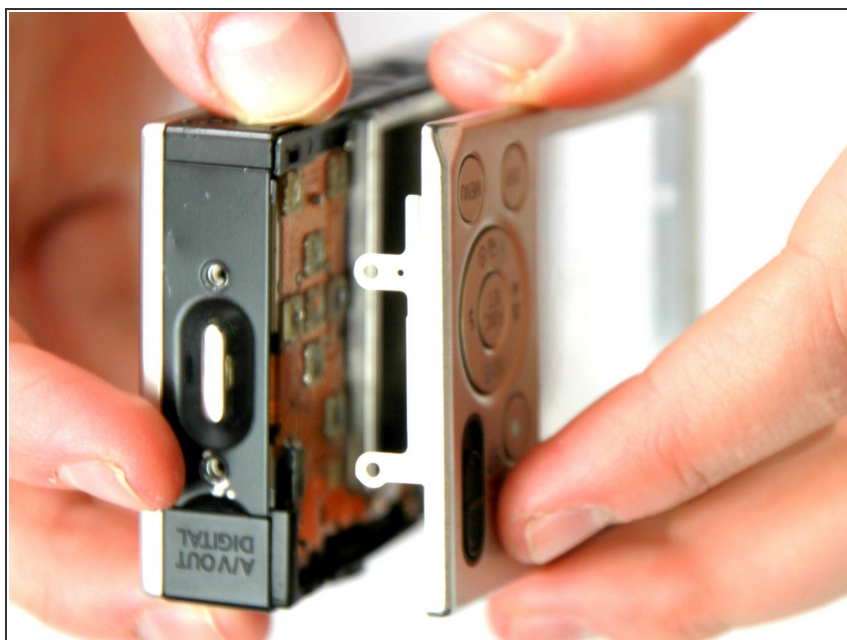


### Step 3



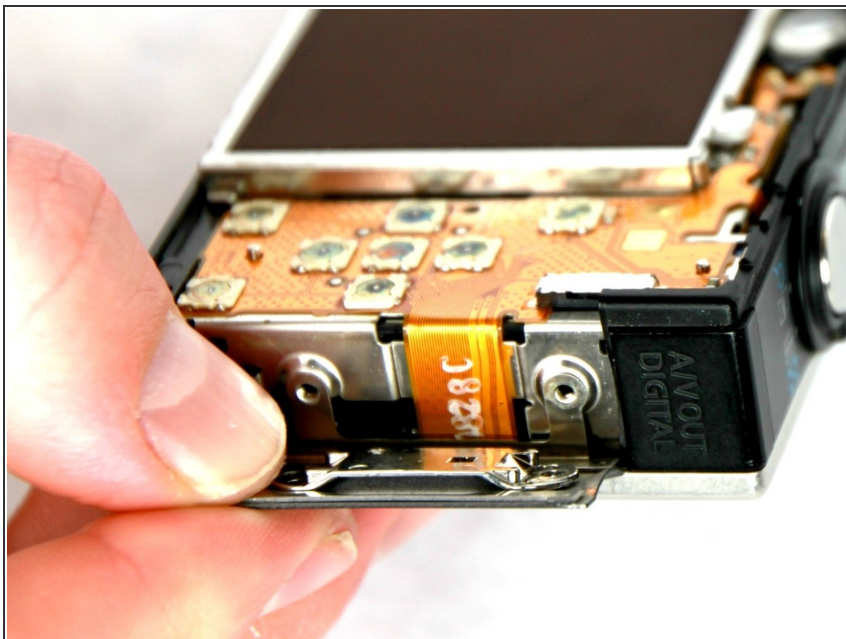
- Remove the two 2.9 mm screws from the side panel farthest from the lens.

### Step 4



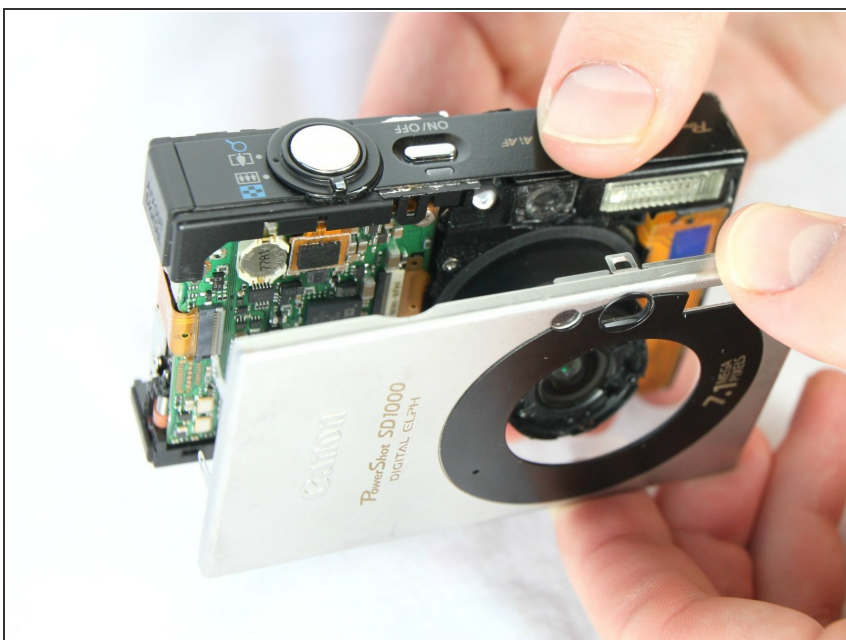
- Pull the back panel away from the camera body, starting at the end with the function buttons.

## Step 5



- Remove the small cover panel and the attached wrist strap mount.

## Step 6 — Front Case



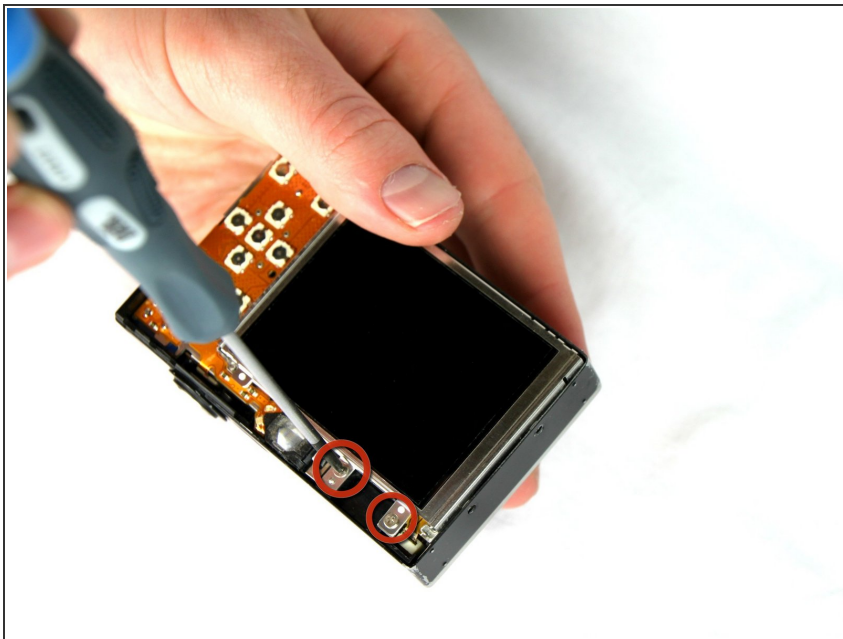
- Remove the front cover by gently pulling it away from the camera body.

## Step 7



- Place the front cover, back cover, and wrist strap mount in a safe place until you are ready for reassembly.

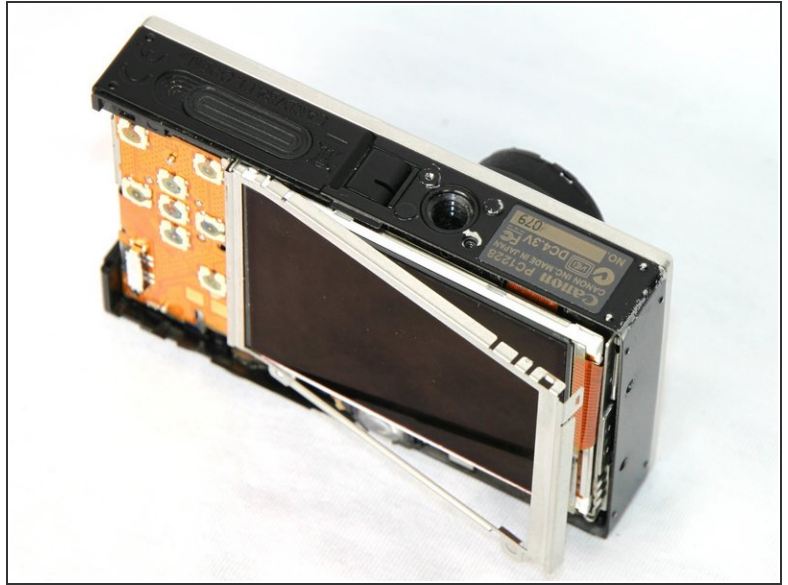
## Step 8 — LCD Screen



- Remove the two 2.4 mm screws located at the top of the LCD panel.

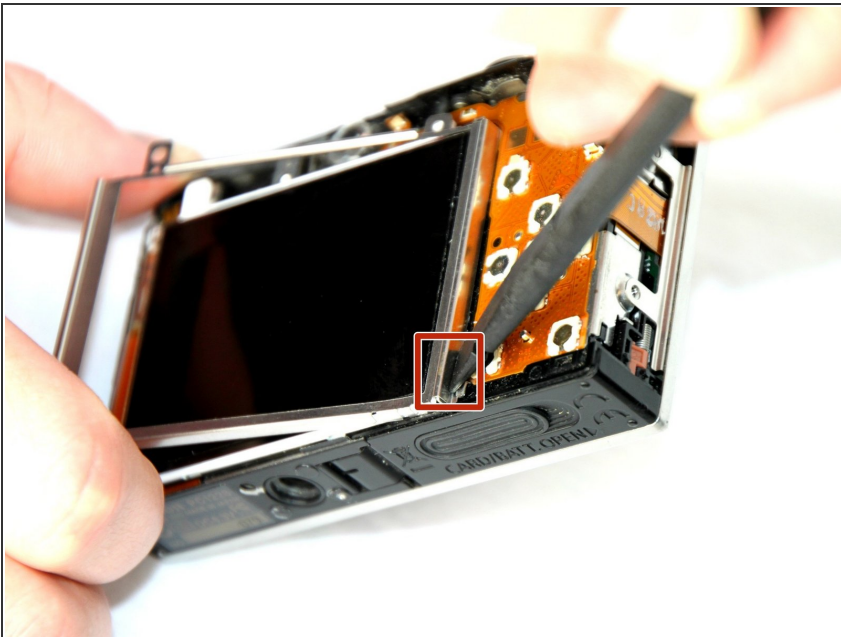


## Step 9



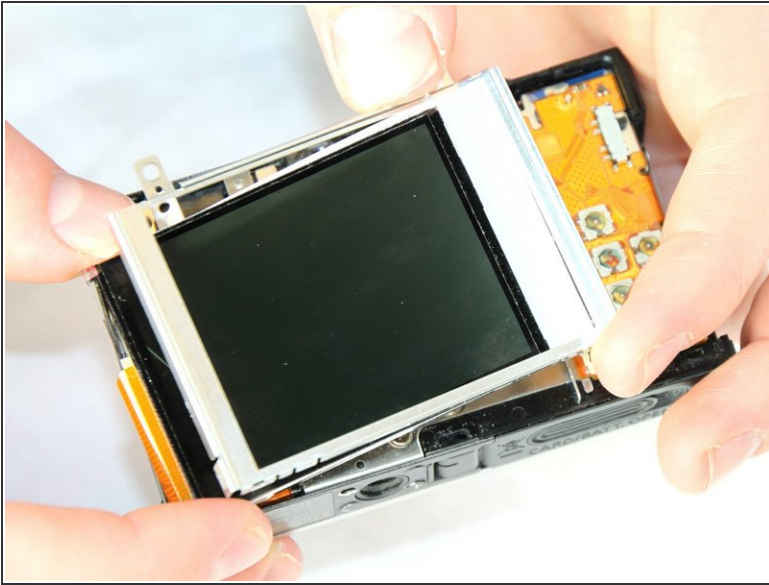
- Pull up the metal frame surrounding the LCD screen starting at the side of the camera.

## Step 10



- Push the metal frame away from the metal tab using the spudger to detach the frame.
- Rotate the metal frame upwards.
- ⓘ The metal framing should be attached by a metal tab towards the bottom of the camera, near the function buttons.

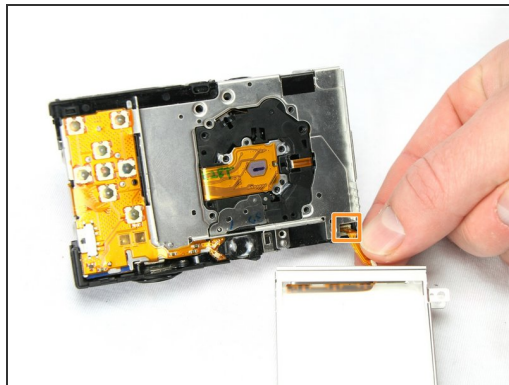
## Step 11



- Carefully lift the metal frame from the camera.
- Remove the black LCD screen, leaving the thin lens pieces in place.

**⚠ BE CAREFUL;** both components are attached by an orange connector ribbon and cannot be removed yet.

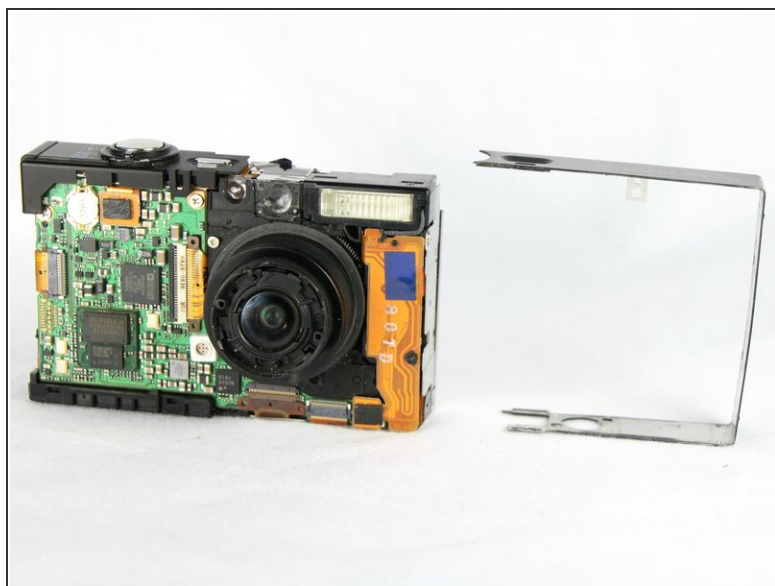
## Step 12



- Carefully pull on the orange connector ribbon to disconnect the LCD screen.
  - The LCD screen can be pulled out of the frame before disconnecting its connector ribbon.
- i** Tweezers are helpful to disconnect the ribbon.



## Step 13 — Flash Unit



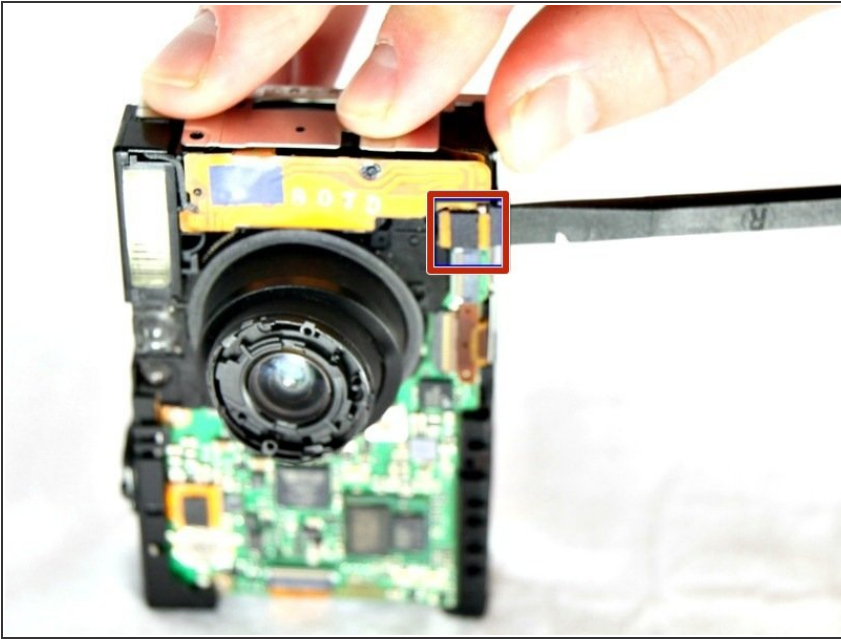
- Slide the metal frame off of the camera on the side that is closest to the flash mechanism.

## Step 14



- Use a Phillips #00 screwdriver to remove the 2.4 mm screw that secures the flash assembly.

## Step 15



- Use the spudger to gently and carefully disconnect the flash assembly ribbon from the black connector lock.

## Step 16



- Pull the flash assembly forward out of the camera to remove it.

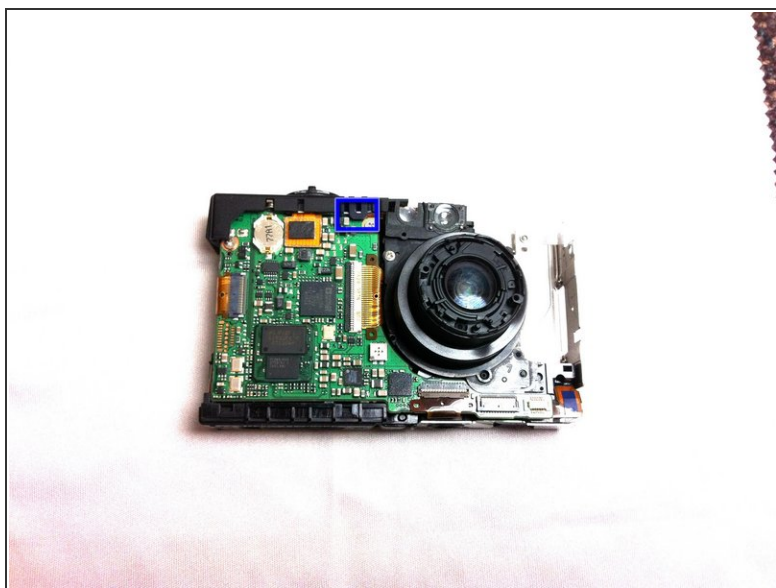
**⚠ BE CAREFUL** when handling the flash assembly. Touching the capacitor (the black cylinder attached to the flash assembly) could shock you.

## Step 17 — Lens



- Remove the 2.90mm screw from the lens, near the motherboard.

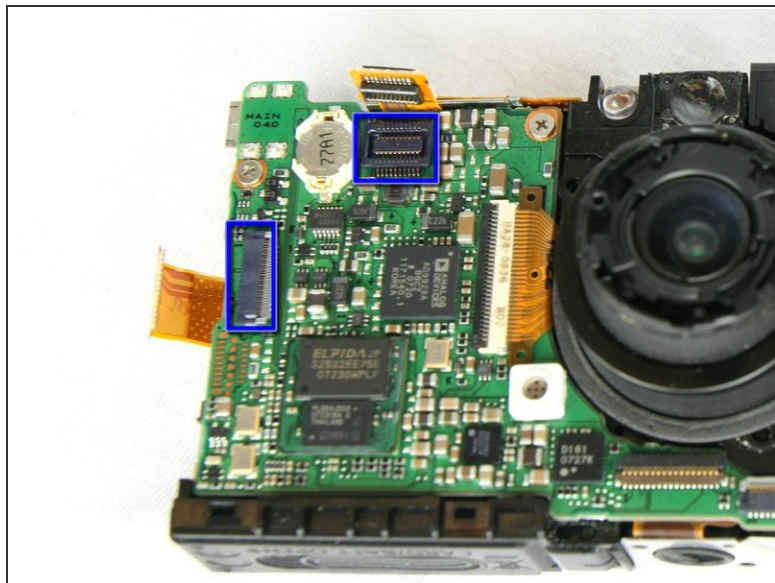
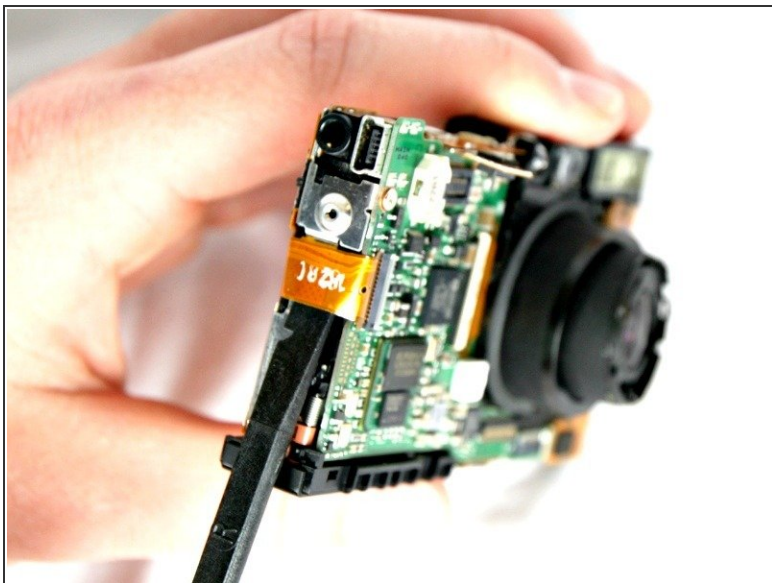
## Step 18



- Using the spudger remove the shutter button by prying the small tab on the front side of the camera.



## Step 19



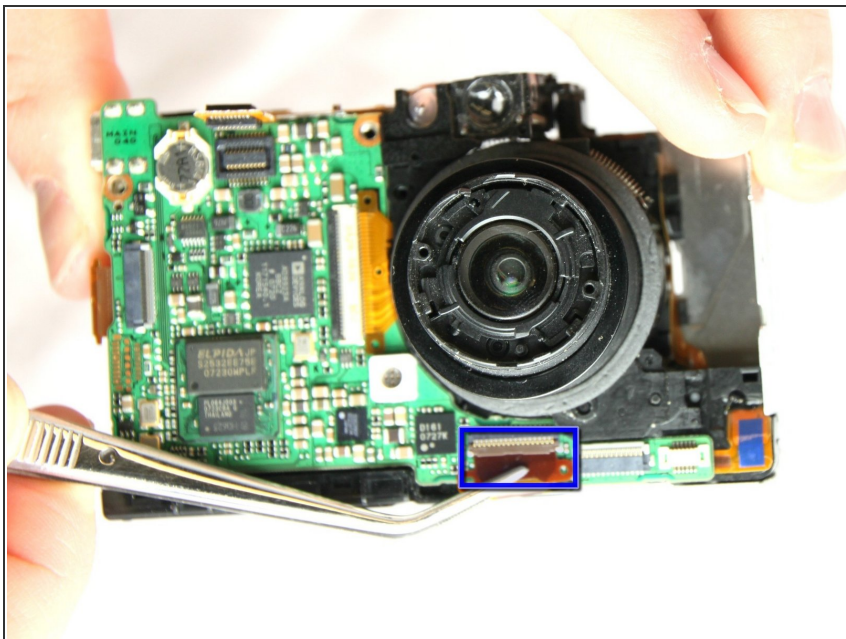
- With a spudger disconnect the orange connector ribbon as shown.
- Disconnect the orange connector ribbon that is located under the now removed shutter button.

## Step 20



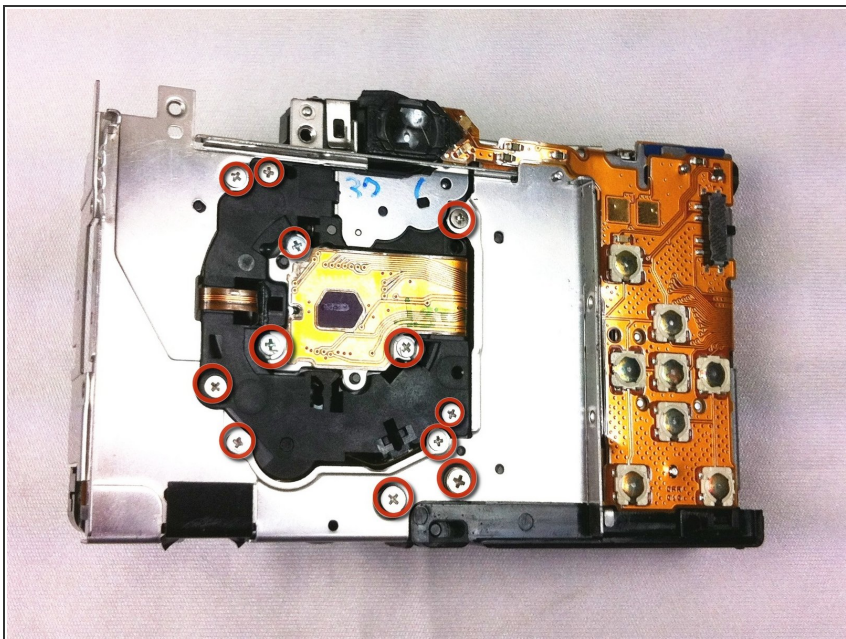
- Remove the two 2.90 mm screws from the motherboard.

## Step 21



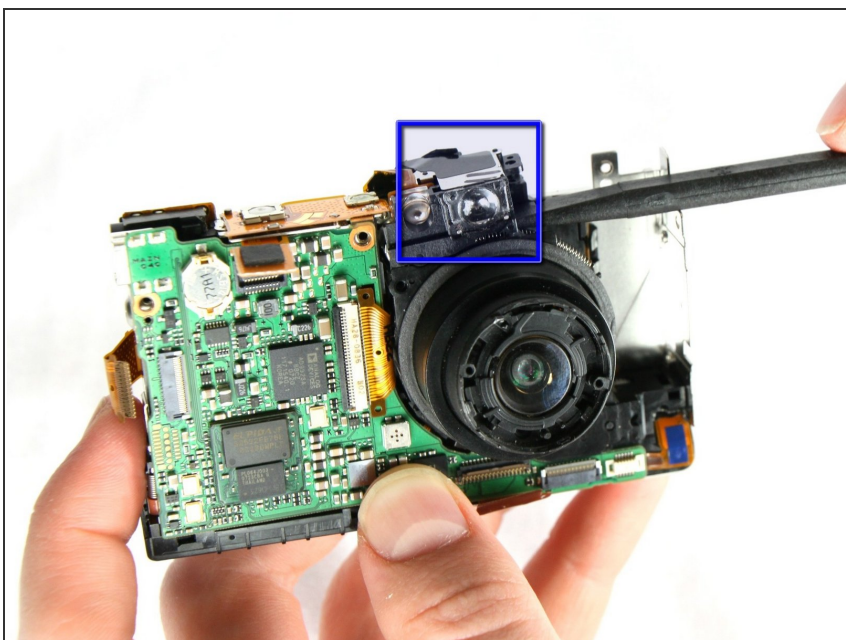
- With Tweezers detach the bottom orange ribbon.

## Step 22



- Remove the screws shown. Start with the outside 6 (3-2.90mm & 3-2.40mm) screws on the metal frame. Then remove the 6 (2.40mm) screws on the back of the lens piece

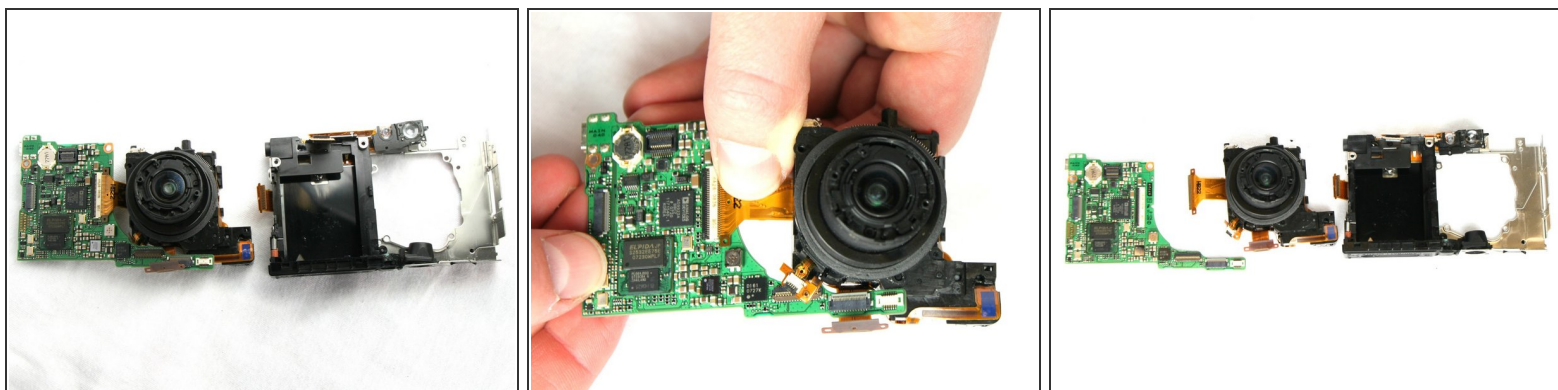
## Step 23



- With spudger gently remove the Viewfinder Window that is directly above the lens.



## Step 24



- Detach the mother board with lens from body of camera.
- Carefully remove the lens from the motherboard. Use tweezers to remove any of the 4 connecting ribbons from the lens.
- Your lens has been removed from the motherboard and bottom framing.

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