Canon PowerShot SD450 Flash Bulb

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INTRODUCTION

This guide will show you how to replace the flash bulb.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- Spudger (1)
- Tweezers (1)

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Step 1 — Canon PowerShot SD450 Flash Bulb

⚠ Remove the battery and SD Card from their slots. Leaving these in could cause the battery to ground and ruin the electronics.

● Unscrew the six screws on the casing. Two are on the bottom as pictured; two more are on each side of the camera.
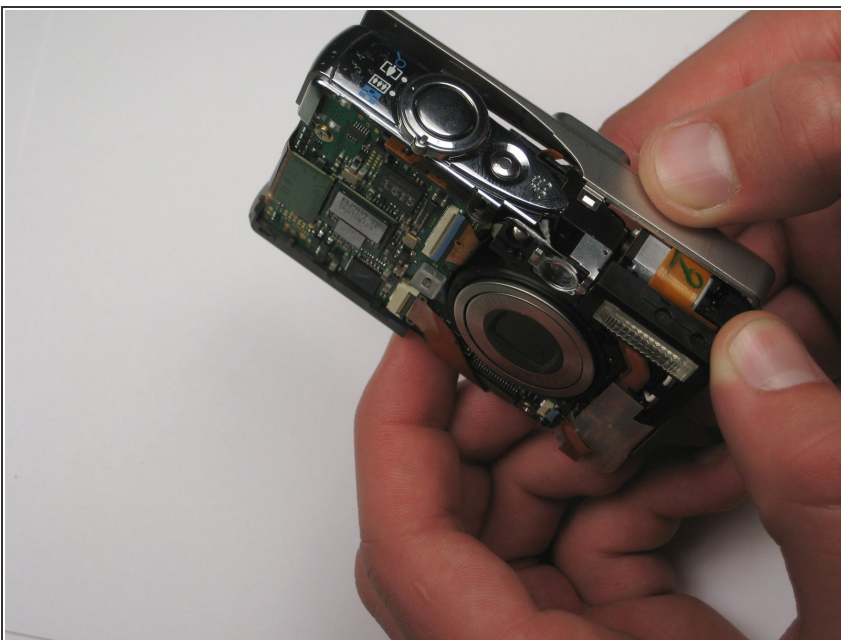
Step 2

● Pull the lanyard mount off of the camera using a spudger or your fingers.

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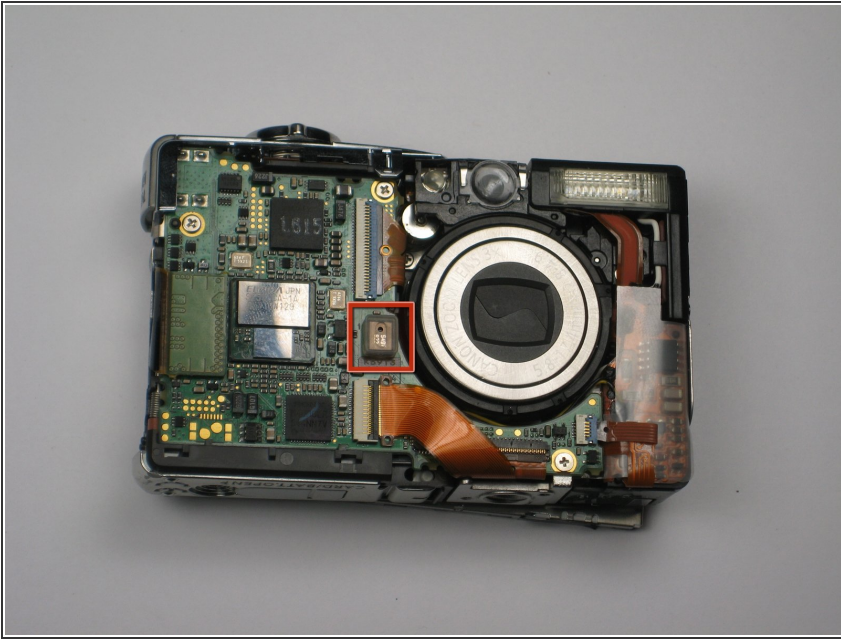
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Step 3

- Find the line that separates the casing into its two halves. Hold each half seperately, and gently pull apart.

- Note that there is a small metal clip holding the two halves together. It might help to press down on the back half (indicated) while pulling upward slightly on the front half.
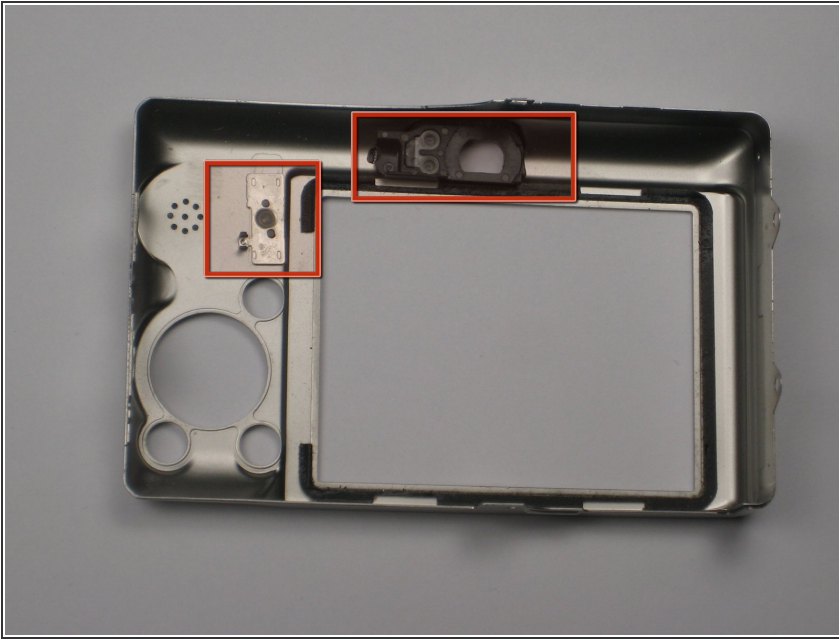
Step 4

- Take hold of the inside of the camera, and gently pull away from the back casing.

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Step 5

- Remove the square, clear, rubber protector from the front of the logic board. This is not necessary to remove, but can easily fall off and get lost during later steps.

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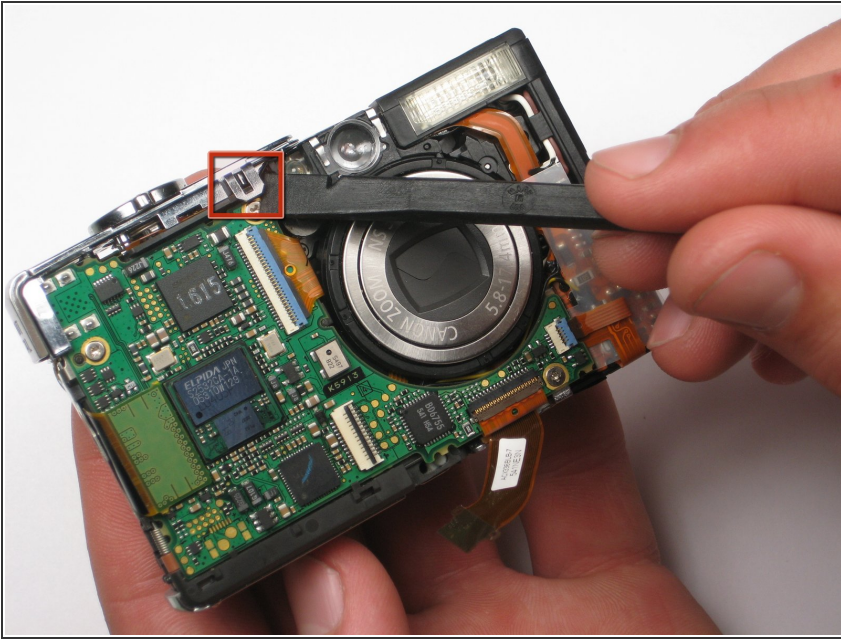ric.werecycle.eu/

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Step 6

- When you reassemble the camera, make sure the switch on the casing (pictured left) matches the position of the switch on the camera internals.

- The black viewfinder padding (pictured right) can easily fall off the casing. Make sure you don't lose it when moving around parts.

Step 7
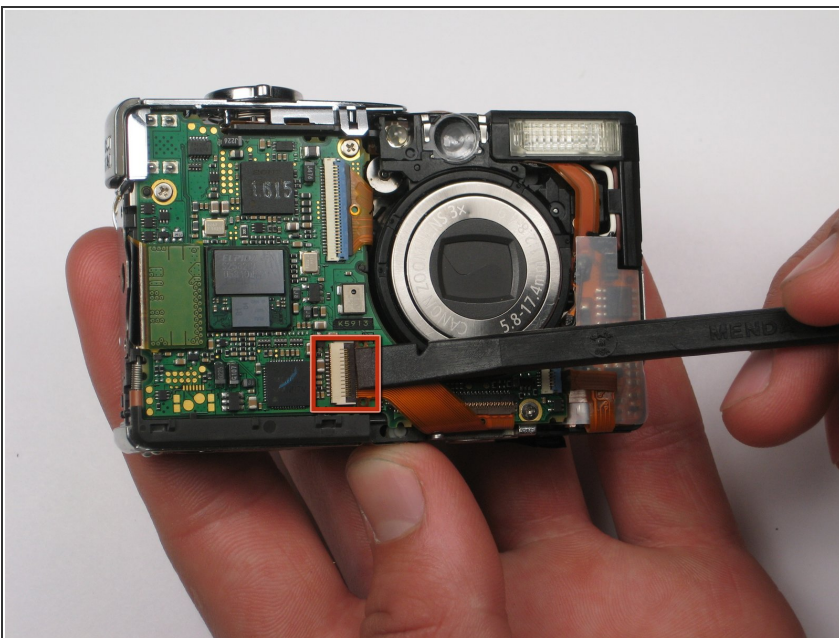
- Remove the LCD cable by gently prying the hinge open with a spudger or your finger. The cable should easily slide out.

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Step 8

- Lift up the metallic-colored clip with the spudger to remove the shutter panel.

Step 9

- Remove the shutter panel with the spudger, now that the clip is released.

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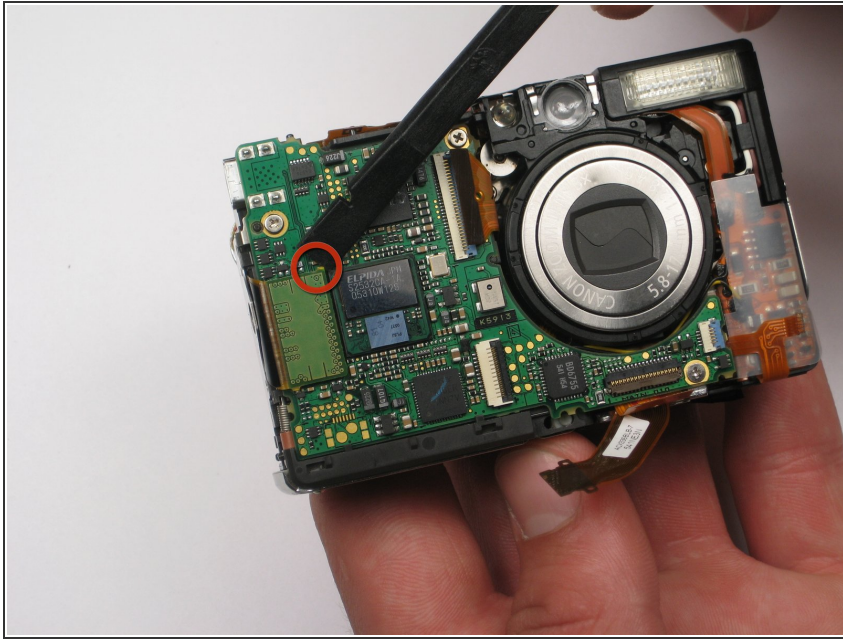© 2020

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Step 10

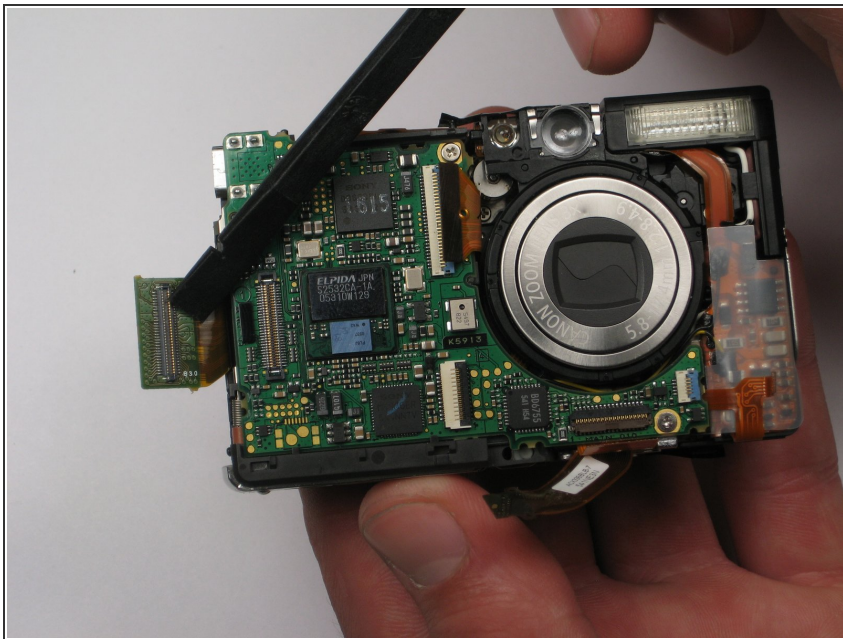- Use the spudger or your finger to release the orange ribbon from the logic board.

Step 11

- Pull the ribbon out of the socket using the spudger or your finger.

- Disconnect the two other ribbons from the logic board in the same fashion.

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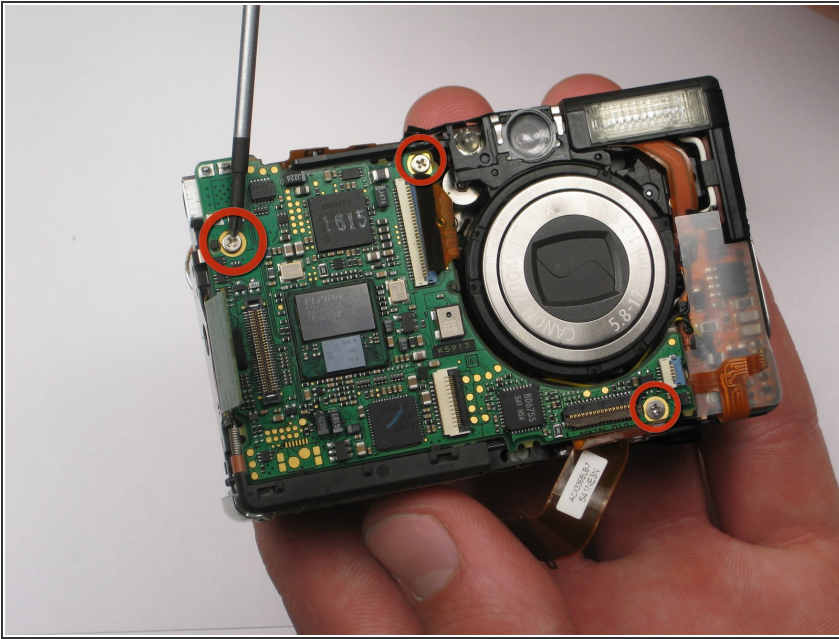
Step 12

- Lift up the large green flap by using the spudger to pry up top right yellow edge.

Step 13

- Pull the flap back with the spudger so that the logic board is exposed.

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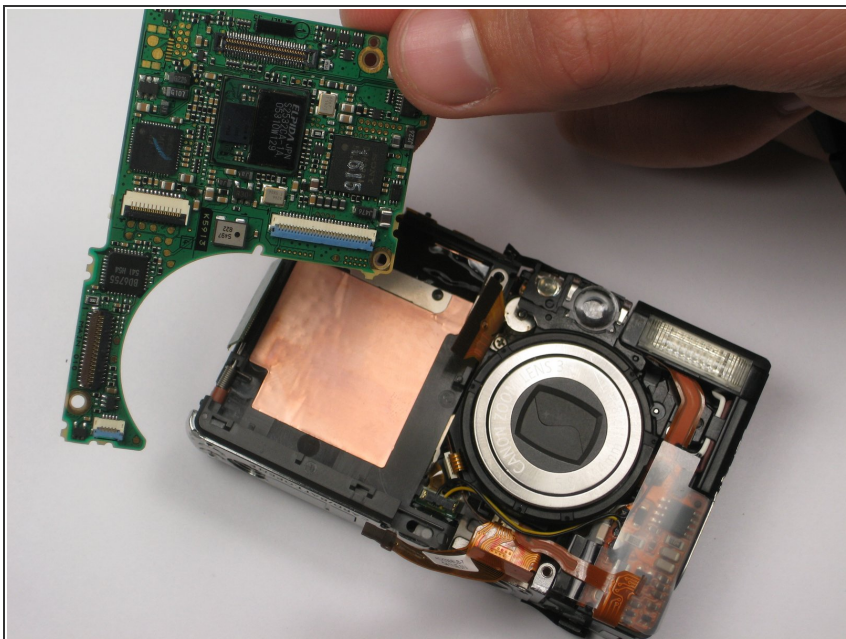© 2020

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Step 14

- Use the screwdriver to remove the three screws on the logic board. Take note that the bottom right screw is shorter than the other two.

Step 15

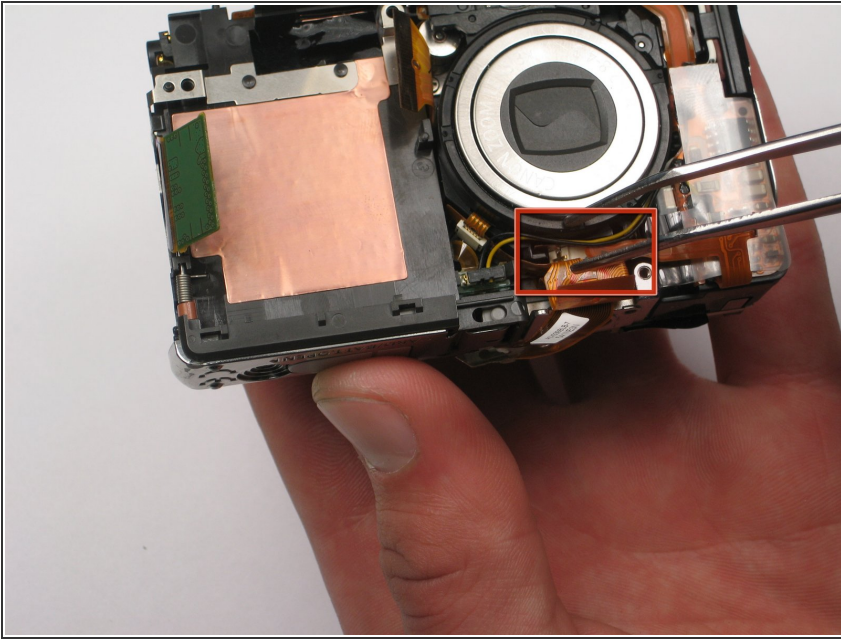- Use the spudger to carefully remove the logic board from behind.

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Step 16

- Remove the detached logic board from the camera.

Step 17

- Remove the side screw holding the flash bulb.

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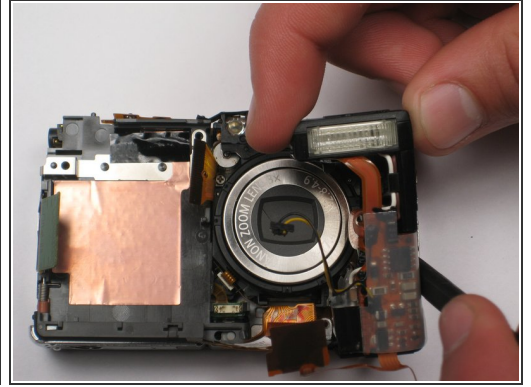© 2020

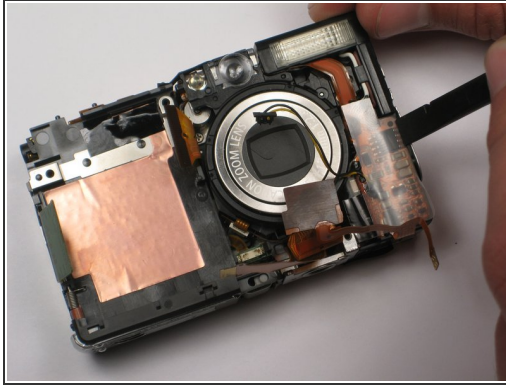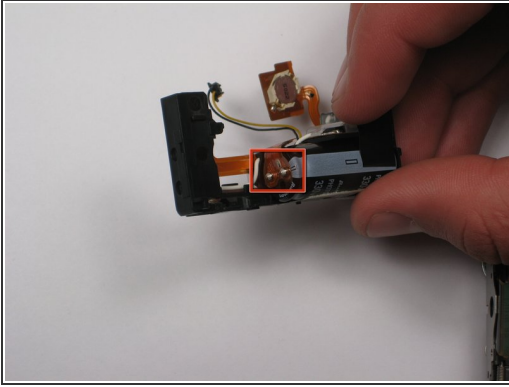ric.werecycle.eu/

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Step 18

- Remove the orange ribbon from below the lens.

Step 19
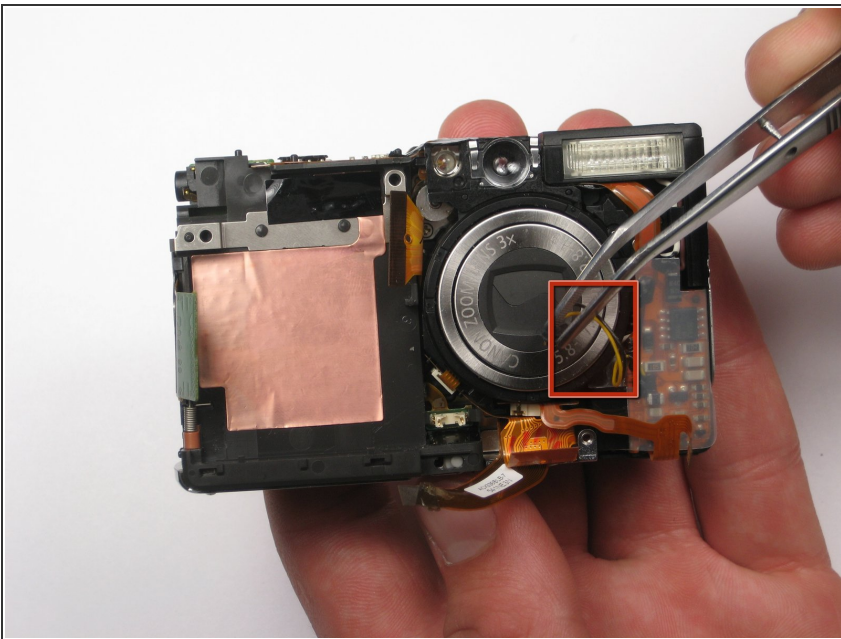
- Grasp the plug that yellow and black wires are attached to, and gently remove. Tweezers are very helpful here.

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Step 20

⚠ Note that there is a capacitor in the flash bulb assembly, under the small circuit board. Do not touch the two metal terminals, as the capacitor may discharge. Damage and personal injury may result.

● Use the spudger to carefully lift the flash bulb out.

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

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