



Panasonic D-snap SV-AV50 Lens Replacement

This guide provides instructions for accessing and replacing the lens in a Panasonic D-snap SV-AV50.

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INTRODUCTION

Be sure to remove the battery and SD card before opening the camera to get to the logic board, flash, or lens. The logic board and flash must be removed to access the lens component.

TOOLS:

- [Tweezers \(1\)](#)
- [Phillips #0 Screwdriver \(1\)](#)

Step 1 — Battery



- Slide the bottom panel in the direction of the arrow on the panel.

Step 2



- Pull/lift open the battery cover in the direction directly away from the camera.

Step 3



- Push the small gray plastic tab away from the battery in order to release the battery.

Step 4



- Pull the battery out of the camera.

Step 5 — SD Card



- Slide the bottom panel in the direction of the arrow on the panel.

Step 6



- Pull/lift open the battery cover in the direction directly away from the camera.

Step 7



- Push down on the SD card next to the battery in order to release the SD card.
- Pull the SD memory card out of the camera in the same way that you would pull out the battery.

Step 8 — Motherboard



- Slide the bottom panel in the direction of the arrow on the panel.

Step 9



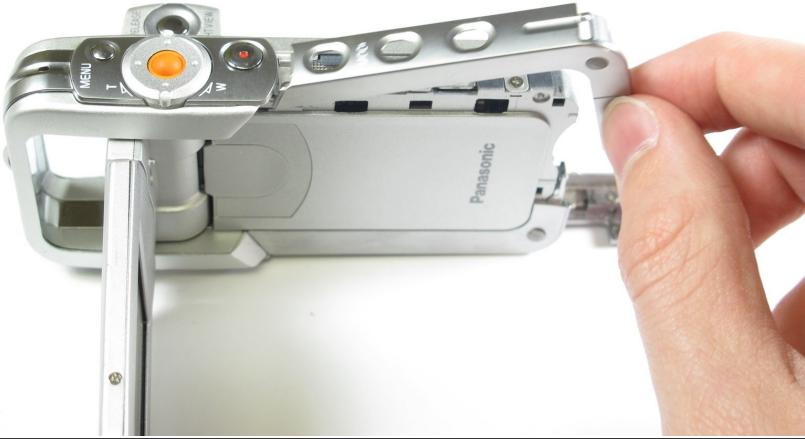
- Pull/lift open the battery cover in the direction directly away from the camera.

Step 10



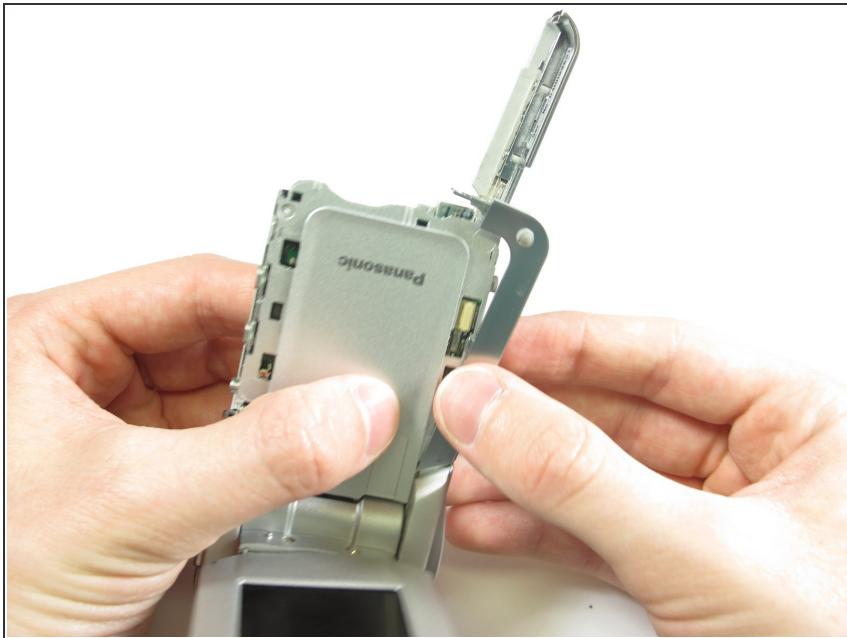
- Remove the two screws (2.2mm Philips) indicated.

Step 11



- Remove the piece of the frame that covers the camera's function buttons by pulling upwards from the end, as shown in the picture.
- It may feel like you are breaking the camera, since the frame makes a snapping sound as you remove it. However, as long as you are careful to remove the frames individually as shown, the frames will probably not break.

Step 12



- Turn the camera and remove the frame from the opposite side of the camera by pulling from either the top or the bottom in an outwards direction.
- As in the previous step, it may seem like you are breaking the camera, because the frame makes snapping noises, as you pull it apart. This is to be expected, and will not harm the camera.

Step 13



- Remove the two screws (4.08mm" Philips) that are indicated in the picture.
- Flip the camera 180 degrees and remove the corresponding screws on the opposite side of the camera

Step 14



- Remove the backing of the camera from the side opposite the screen
- To make it easier for yourself, pull the screen outwards from the bottom of the camera, near the battery cover.

Step 15



- Remove the small cover from near the top of the motherboard, using tweezers or forceps, as in the picture.

Step 16



- Unscrew the two screws (5.18mm Philips) indicated by the picture.

Step 17



- Carefully remove the motherboard from the camera by grasping the sides and pulling upwards and then outwards.

Step 18 — Flash



- Remove the top piece of the casing from the camera, as shown in the picture.

Step 19



- Carefully remove the top most piece of the upper frame as indicated in the picture.
- You may need to manipulate the pieces of the frame until they disconnect from one another.
- The two side pieces should "fall" off after this piece is removed.

Step 20

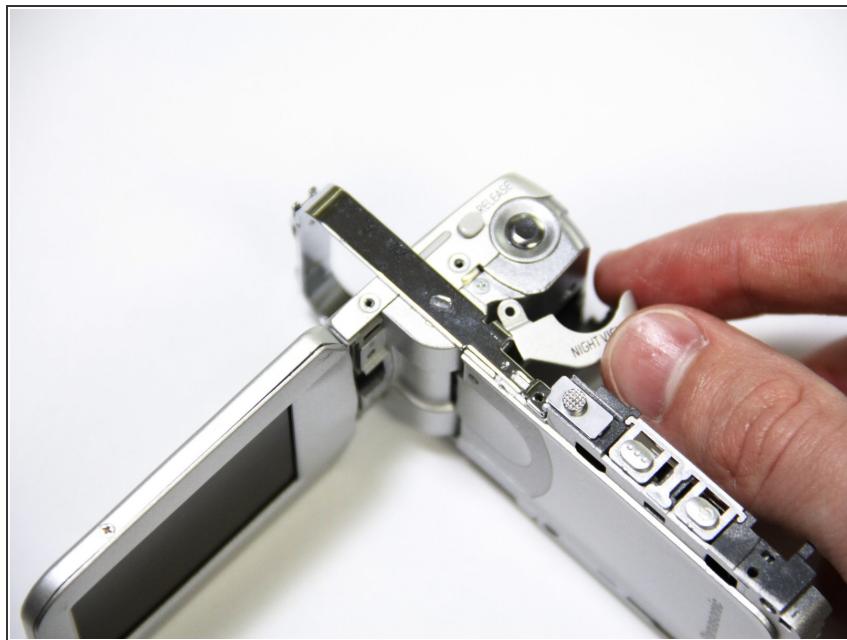


- This is what the flash looks like.

Step 21 — Lens

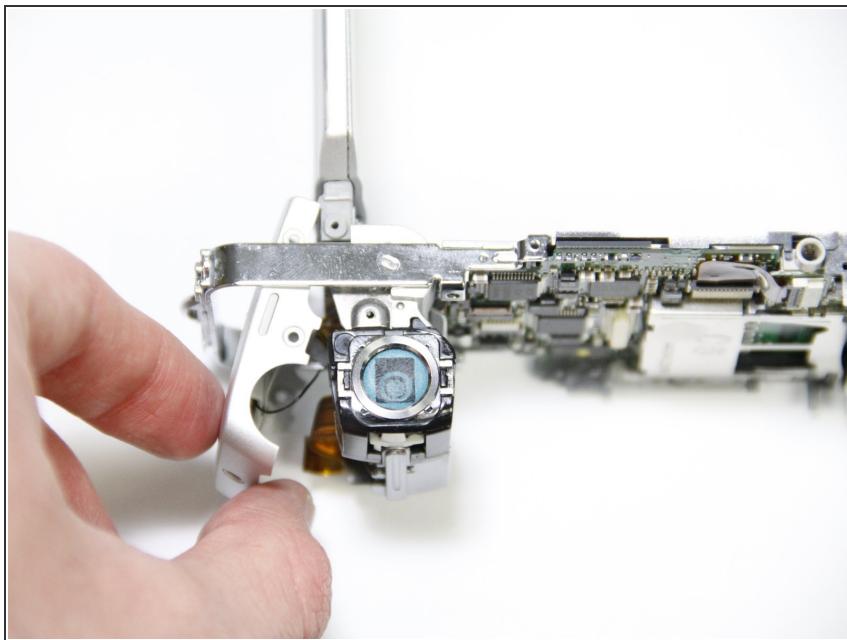
- 
- Press in the "realease" tab to rotate the lens and screen 90 degrees.
 - Remove the two screws (from left to right; 5.23mm Philips, 2.1mm Philips) indicated.
 - Flip the camera over 180 degrees and remove the same screws that are on the other side.

Step 22



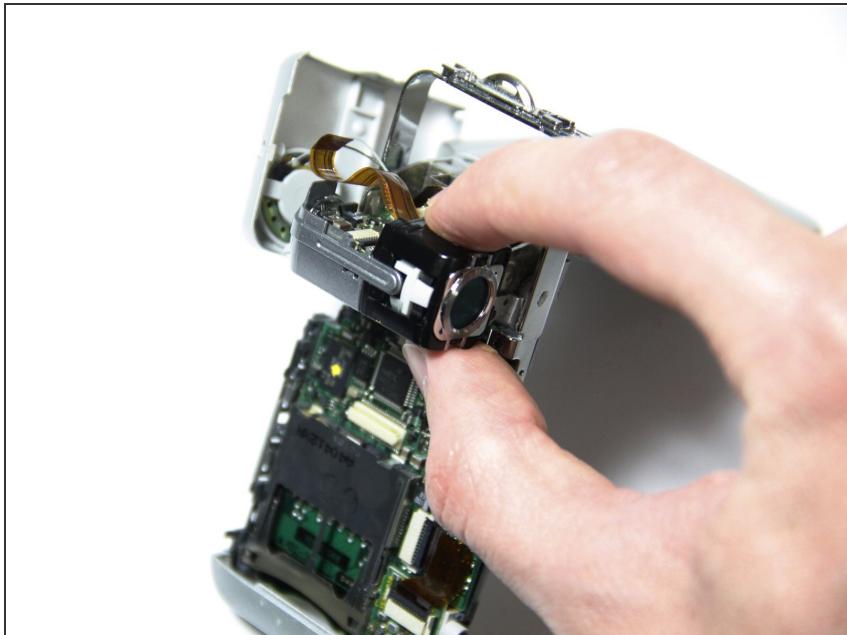
- Carefully remove the bottom of the lens casing by pulling downwards away from the lens.

Step 23



- Carefully remove the other side of the lens casing by pulling it away from the lens, and make sure to keep attached to the wire it is connected to.

Step 24



- Making sure not to break anything; grab the lens unit with a forefinger and a thumb and gently pull outwards away from the camera.
- The lens will 'pop' out of the small metal frame that is holding it.

Step 25



- To install a new lens, simply follow the previous directions in a reverse order.

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