



Contour Roam2 Lens Unit Replacement

This guide will show you how to replace the lens unit on your Contour Roam2 if your pictures are coming out completely black or not taking any photos.

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INTRODUCTION

Follow this guide on how to replace the lens unit on your Contour Roam2 if your camera will not record properly or your lens is damaged or scratched.


TOOLS:

- [Metal Spudger](#) (1)
 - [Soldering Workstation](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
-

Step 1 — Record Slider



- Using the phillips head screwdriver (PH000) locate and remove the 4.45mm (.175in) screw by the 180 degree graphic on the metal ring.

 The screws in the camera are very small and can strip very easily. Apply consistent pressure when removing screws.

Step 2



- Rotate the metal ring counterclockwise until completely removed.

Step 3



- Using the phillips head screwdriver (PH000) remove the two 4.46mm (.175in) screws on each side near the back of the camera.

Step 4



- Grab the camera on both sides and slide the outer shell forward until completely removed.

Step 5



- Lift the record slider out.
- ❗ The record slider should come out easily no matter the position (forward or backward).

Step 6 — Mounting Piece



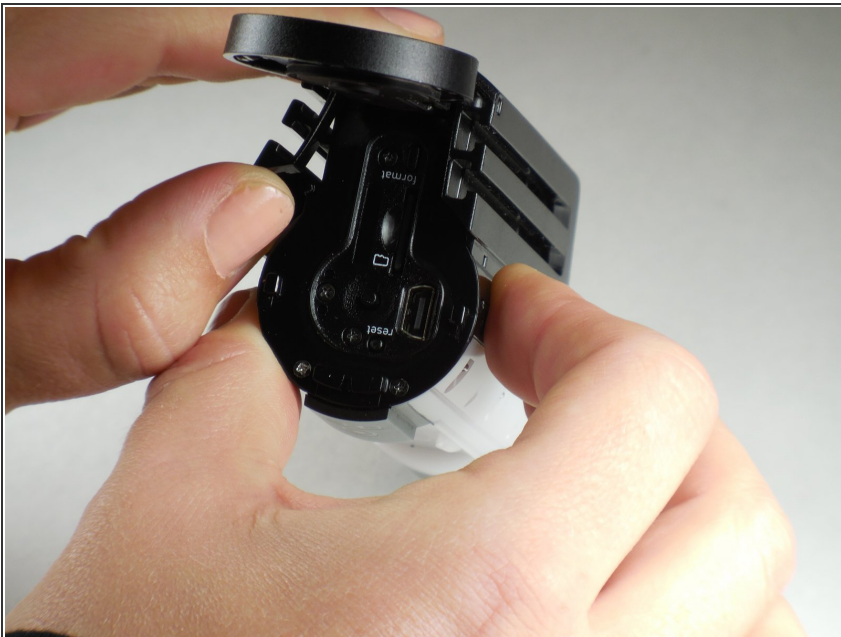
- Using the phillips head screwdriver (PH000) remove the two 3.82mm (0.150in) screws on the bottom of mounting piece near the tripod screw-in.
- ☑ The screws in the camera are very small and can strip very easily. Apply consistent pressure when removing screws.

Step 7



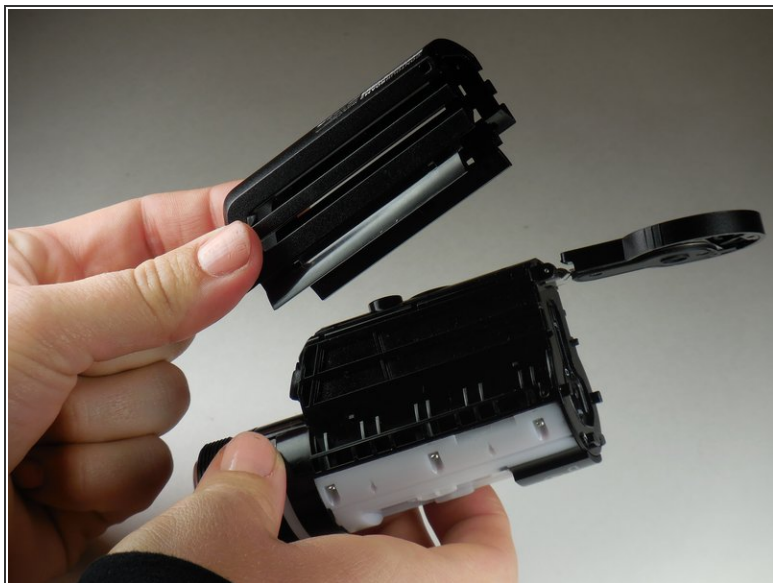
- Open the back door by your thumb and index finger on sides of back door and pull upward.

Step 8



- Using your thumb, pry sides outward on back of mount piece.
- ⓘ This will loosen mount piece for removal in proceeding step.
- ⓘ Side can be hard to pry outward. Using a flat tool such as a metal spudger, may help if your thumb is insufficient.

Step 9



- Remove and replace mount piece.

Step 10 — Lens Unit



- Open the back door by your thumb and index finger on sides of back door and pull upward.

Step 11



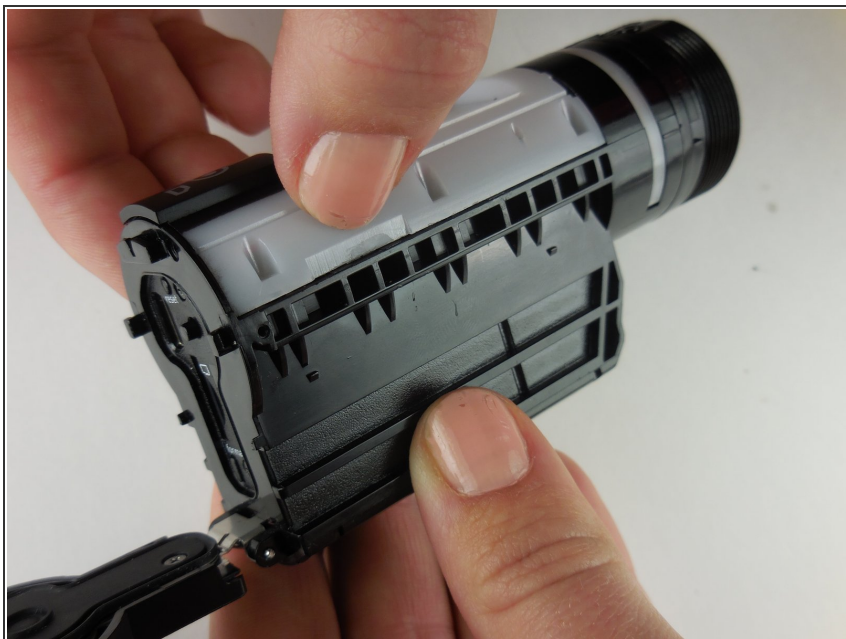
- With the phillips head screwdriver (PH000) remove the two 3.31mm (.130inch) screws located at the top, **above** the reset button.

Step 12



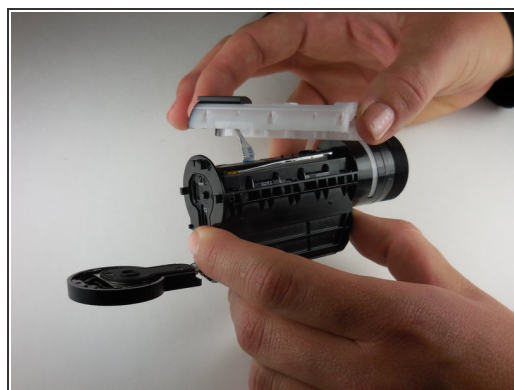
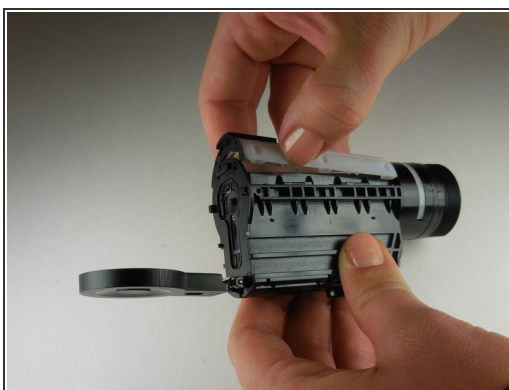
- Also with phillips head screwdriver (PH000) remove the six 6.07mm (0.239in) screws along sides of large white piece.
- ☑ The screws in the camera are very small and can strip very easily. Apply consistent pressure when removing screws.

Step 13



- Locate notch on side of large white plastic piece.

Step 14



- Remove white piece by pressing a fingernail in notch (located in previous step) and lifting up on white piece.

Step 15



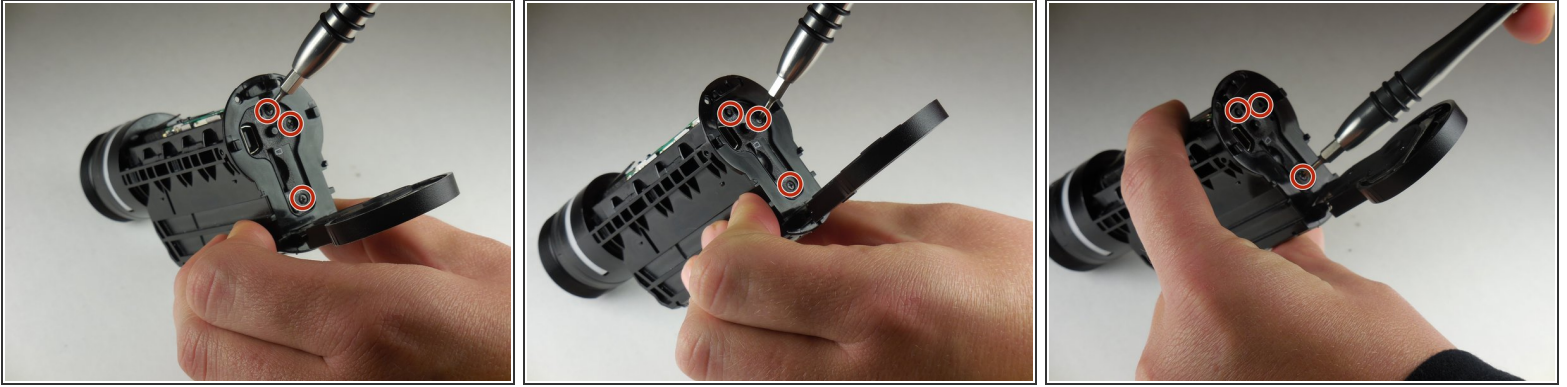
- ❗ The white piece is connected to logic board of camera by a ribbon connector.
- To remove the white piece completely give a gentle pull on ribbon connector.

Step 16




- With a phillips head screwdriver (PH 000), remove the 5.54 mm (0.218 in) screw located next to the tripod screw-in.

Step 17



- Using the phillips head screwdriver (PH 000), remove the remaining three 3.78 mm (0.1445 in) screws located on the back panel of the camera.

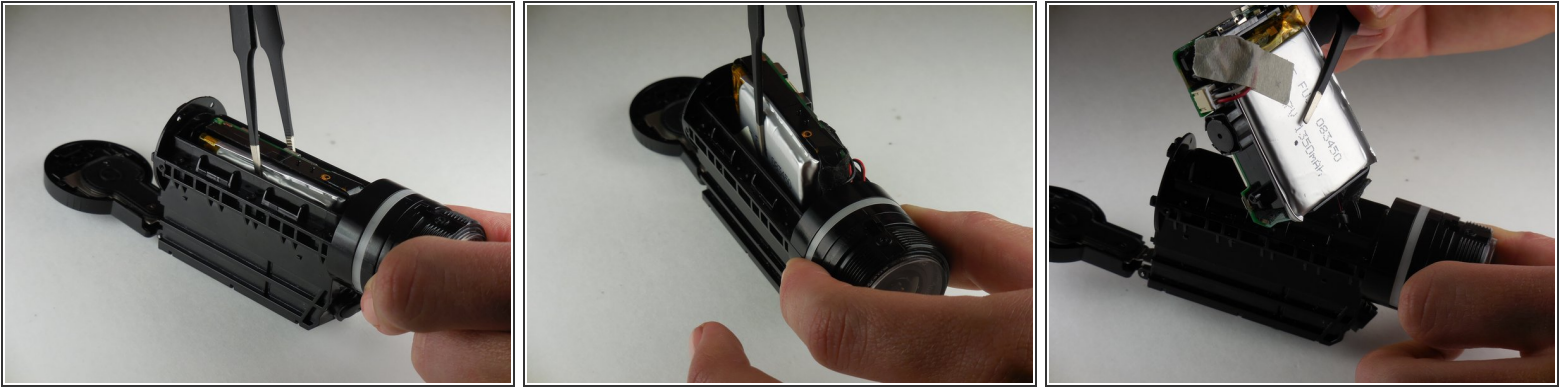
 If you have not done so already, remove the microSD card.

Step 18



- Using the phillips head size PH000 screwdriver remove 3.67mm (0.1445 inch) screw located on the side of logic board within the body of the camera.

Step 19



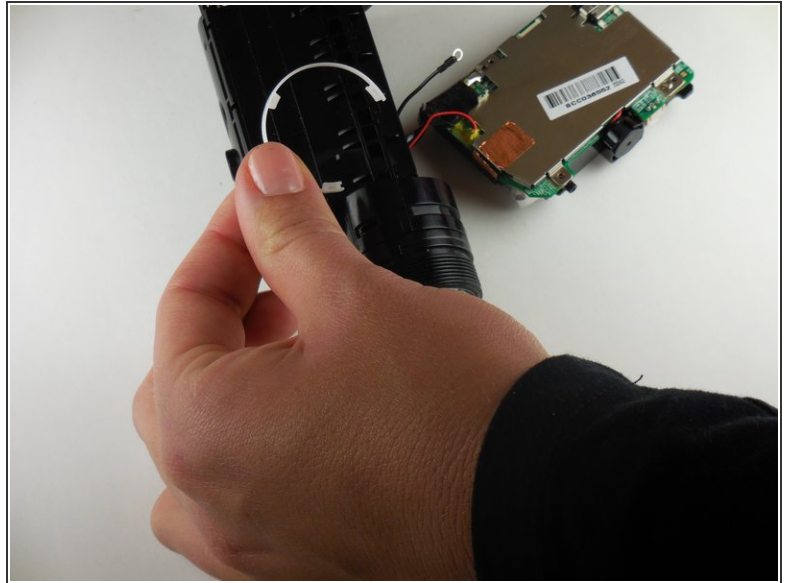
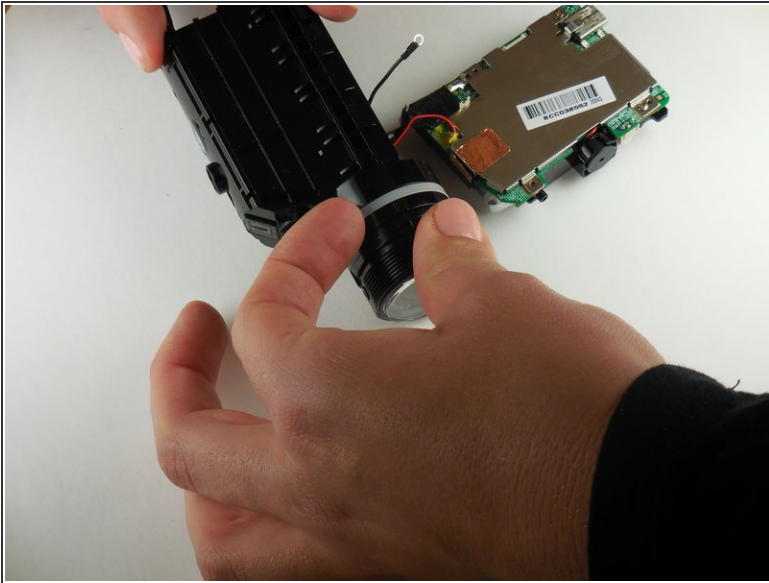
- Using flathead tweezers, remove the logic board and the battery from the camera.

Step 20



- Using a phillips head screwdriver (PH 000), remove the screw connecting the lens unit to the logic board.

Step 21



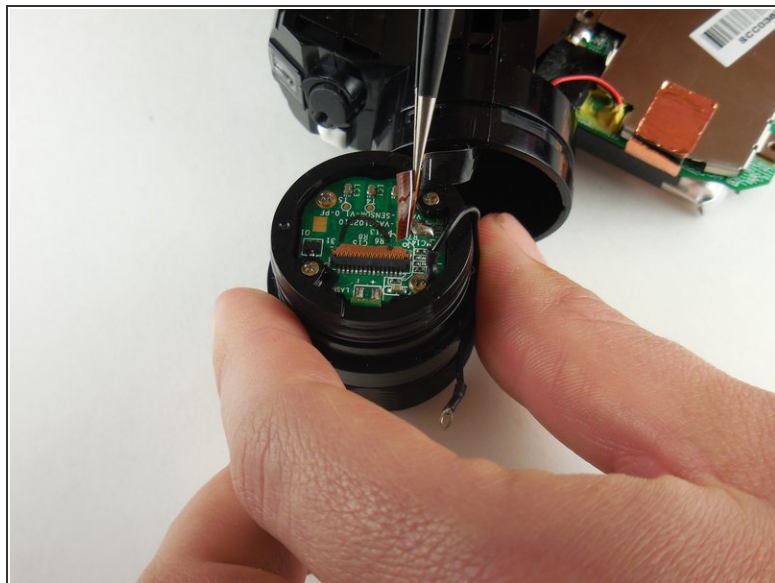
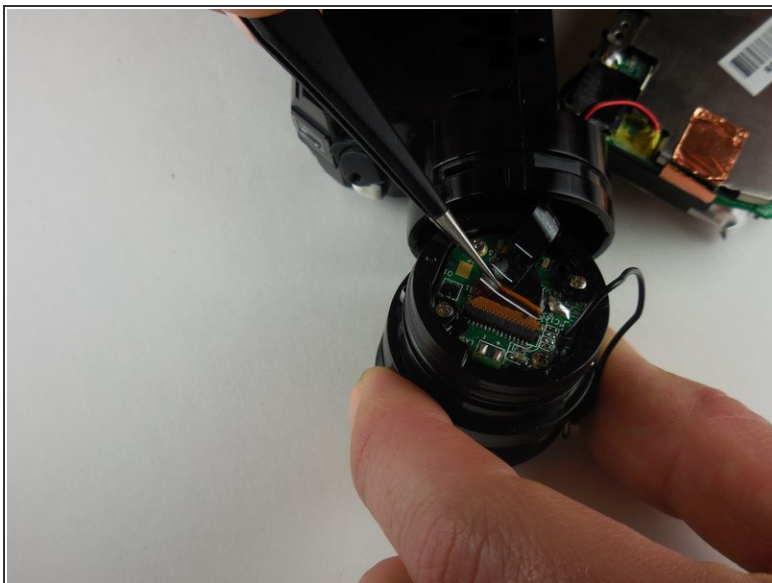
- Remove the semicircular white plastic strip near the lens unit.

Step 22



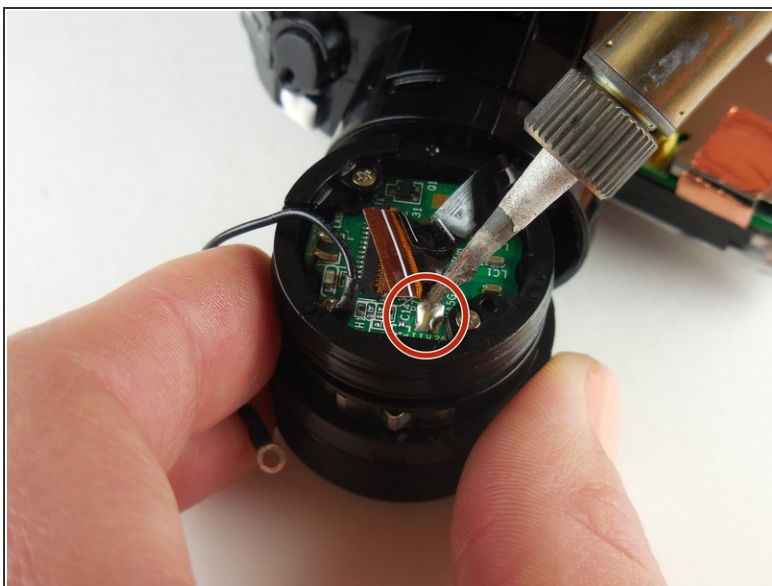
- Twist lens unit until able to easily remove

Step 23



- Disconnect the ribbon connector connecting the lens unit to the logic board.

Step 24



- Remove the ribbon connector from the lens unit by soldering.

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