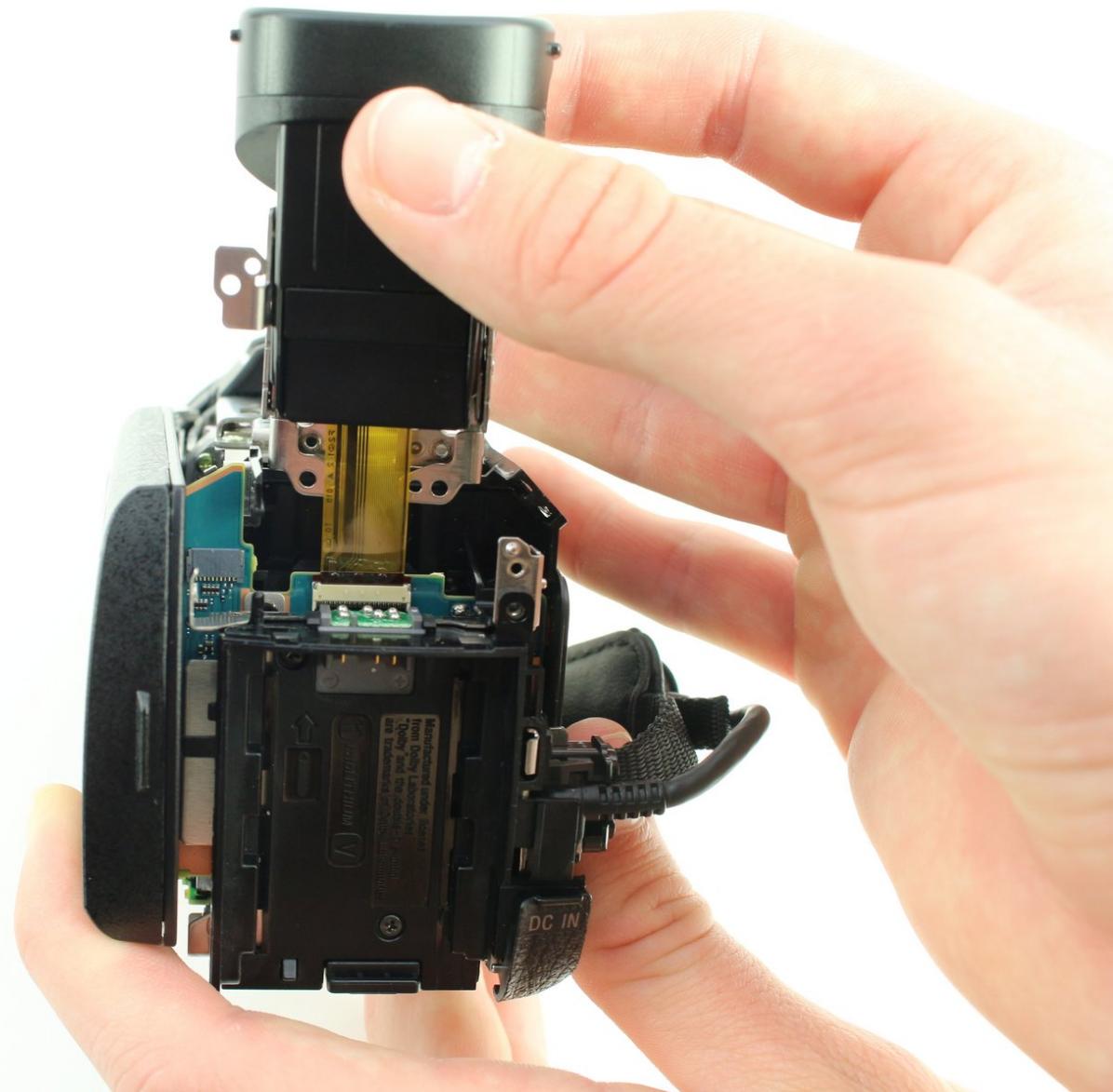




Sony Handycam FDR-AX33 Eyepiece Replacement

Sony Handycam FDR-AX33 eyepiece replacement and removal.

Written By: Lee Conway



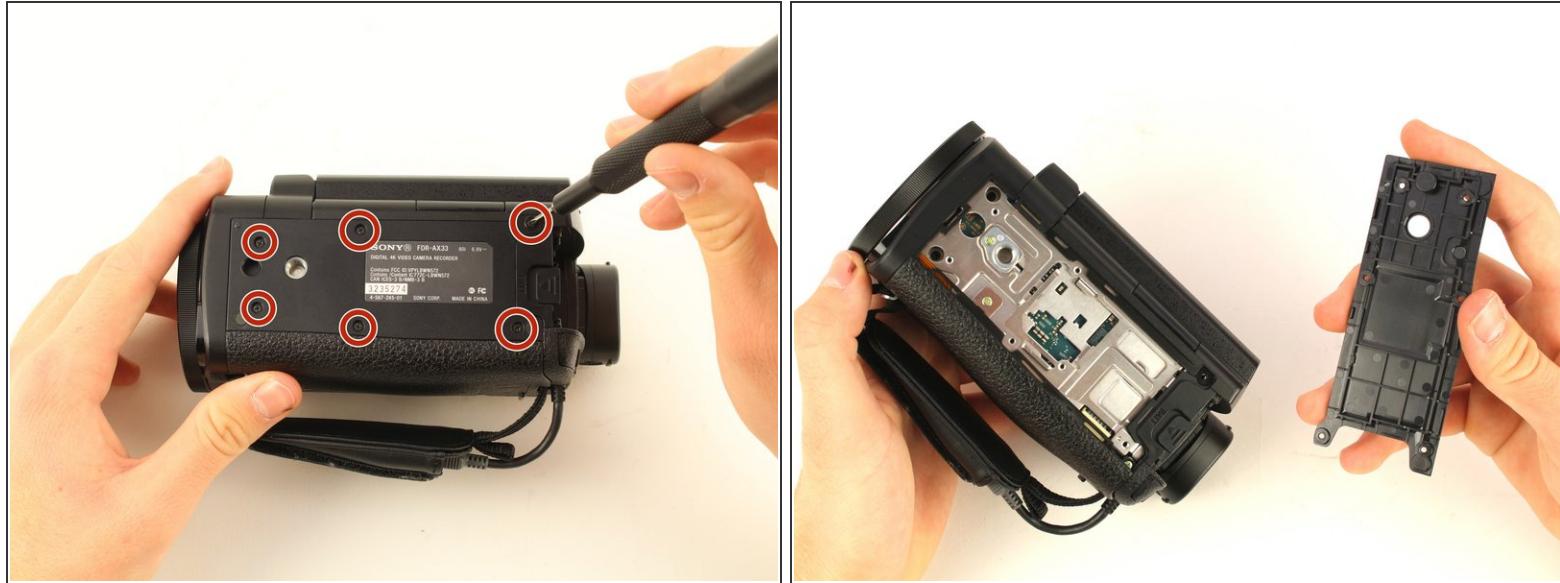
INTRODUCTION

If something is wrong with the manual eyepiece, use this guide to remove the eyepiece. These problems may include a scratch on the lens or a problem with the extension mechanism.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)

Step 1 — Panel



- ➊ Remove the battery by pushing the latch towards the body of the camera. Push the battery down and pull it out.
- Remove the six black 4 mm Phillips #00 screws from the bottom panel of the camera.
- Pull off the bottom panel. It may be difficult, but tugging on it shouldn't cause harm to yourself or the device.
- ➋ Be sure to un-velcro the handle strap.

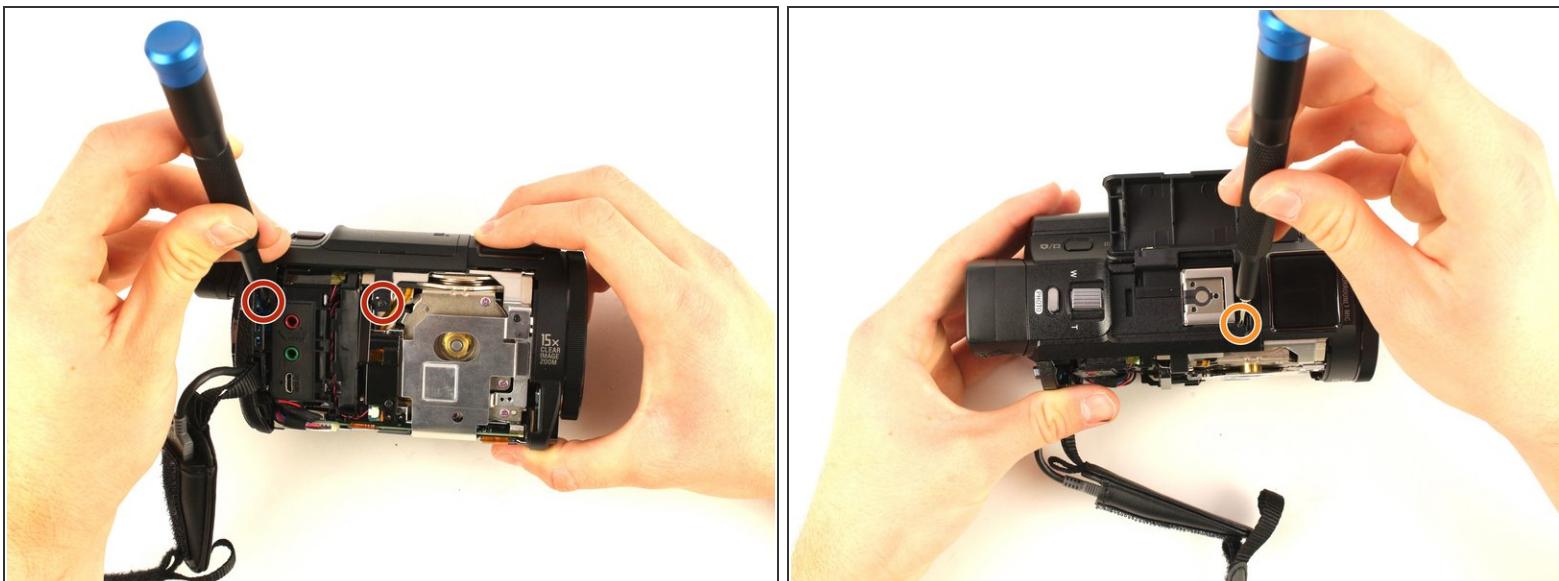
Step 2



- Remove the 3 mm Phillips #00 screw from the bottom of the camera.
- Remove the 4 mm Phillips #00 screw from the right panel.
- Pull the right panel off. Again, it might be difficult, but pulling hard shouldn't harm you or the camera.

(i) You may have to use the opening tool to remove this panel.

Step 3



- Remove the two 4 mm Phillips #00 screws from the top right corner of the camera.
- Remove the 4 mm Phillips #00 screw from in front of the flash mount.

Step 4



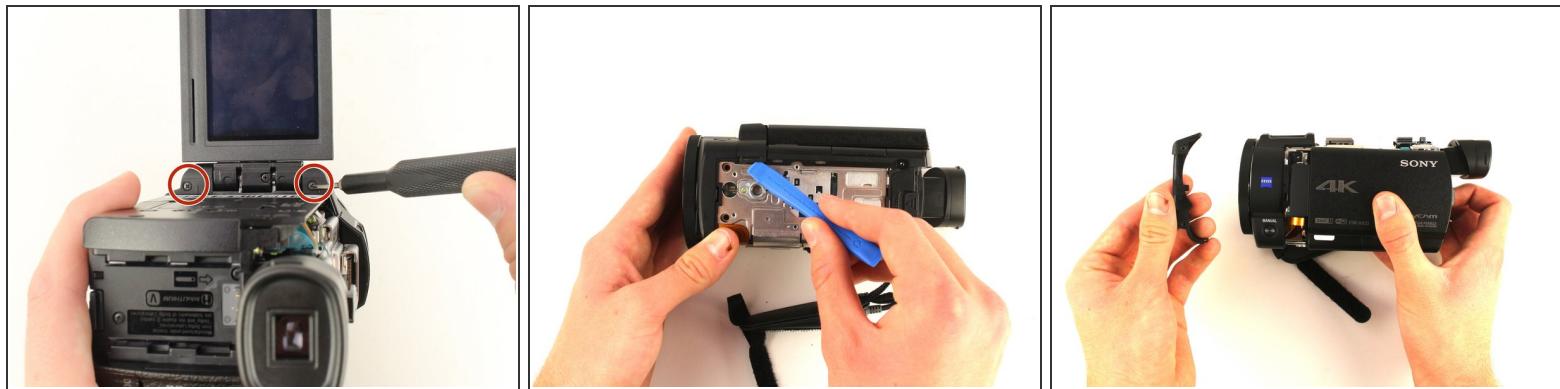
- Remove the 3 mm Phillips #00 screw from below the right side of the battery slot.
- Remove the black 5 mm Phillips #00 screw from the top of the battery slot.

Step 5



- Remove the three 4 mm Phillips #00 screws from the left panel underneath the display screen.
- You'll need to extend the eyepiece by pulling it out from the body of the camera.
- Pull the top panel off of the device with the iFixit opening tool.

Step 6



- Remove the top and bottom 4 mm Phillips #00 screws from the display screen hinge.
- Use the iFixit opening tool to remove the screen hinge.

Step 7

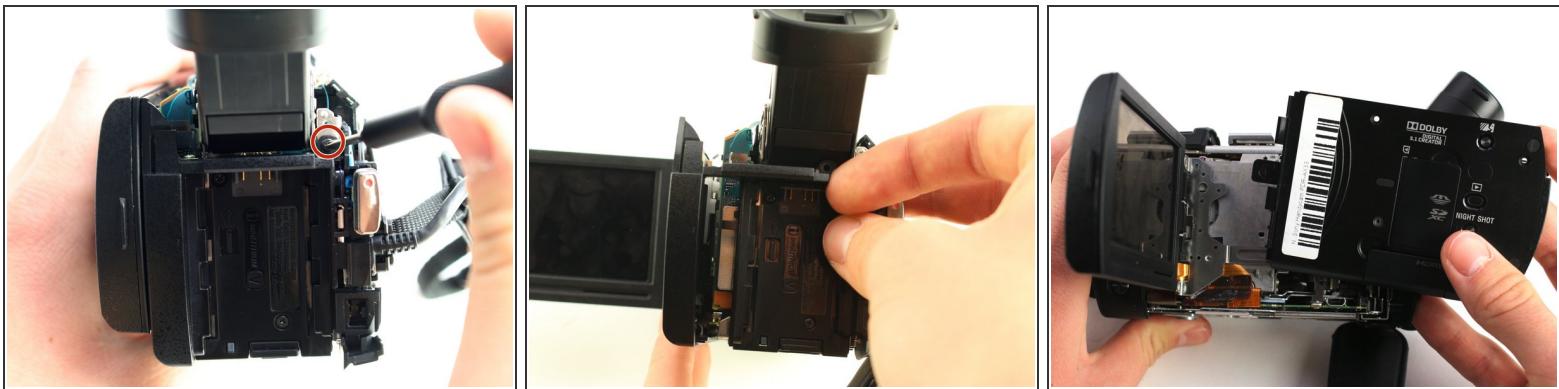


- Remove the 3 mm Phillips #00 screw from between the eyepiece and the panel directly to the right of the battery slot.

ⓘ Angle the eyepiece up to reach the screw with the screwdriver.

- Take the panel directly to the right of the battery slot off of the camera.

Step 8



- Remove the 4 mm Phillips #00 screw above and to the right of the battery slot.
- Pry the left panel out at an angle by pushing the plastic slat between the battery slot and the eyepiece.
- Wiggle the left panel and pull it out gently.

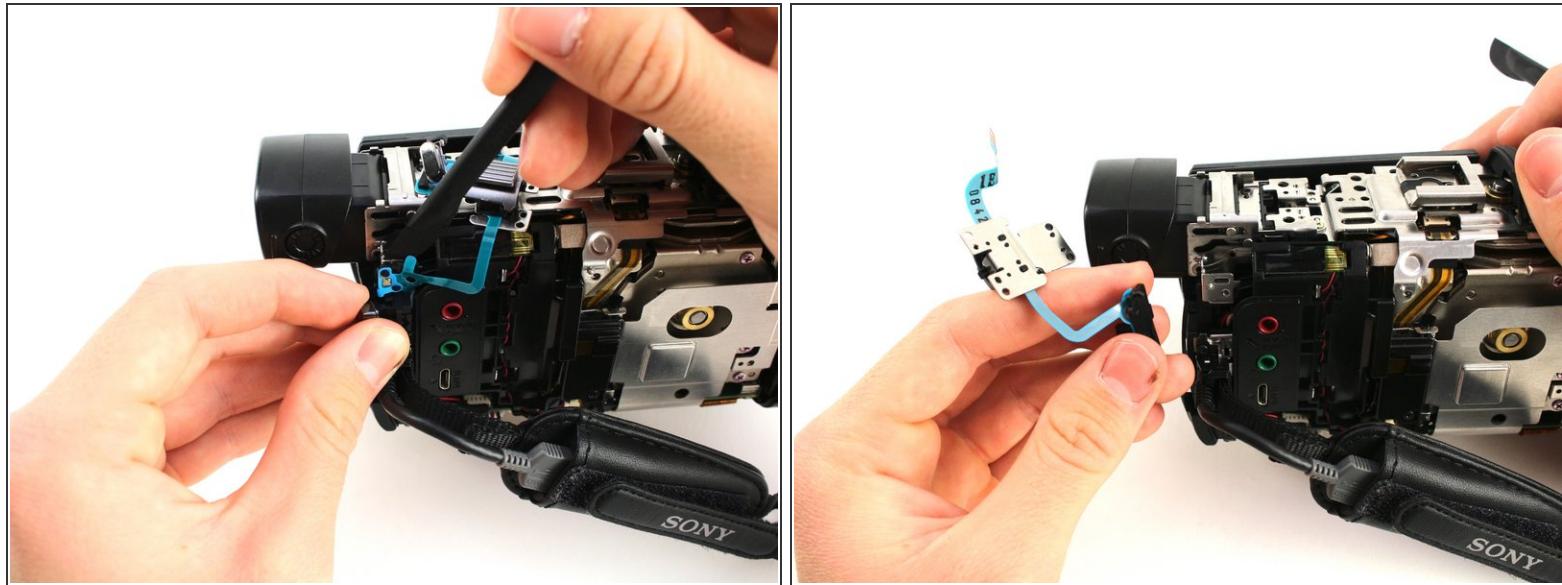
(i) The left panel can be hard to remove so make sure to apply a good amount of force, but be cautious to not harm yourself or the device.

Step 9 — Zoom, Photo, and Record Button



- Remove the two 3 mm Phillips screws directly in front of the zoom button.
- Slide the blue copper PCB out of the connector.

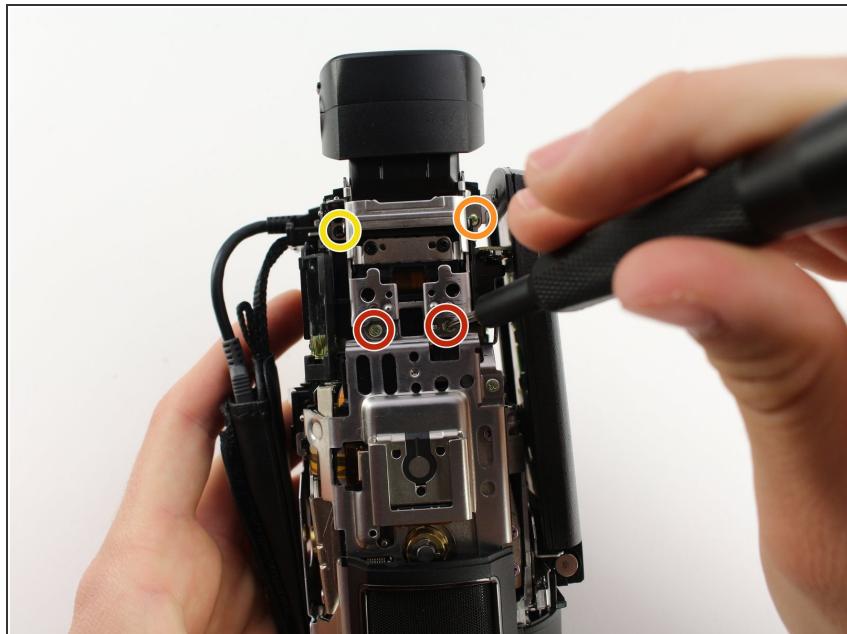
Step 10



- Unclip the black plastic piece from behind the record button in order to remove the photo, record, and zoom buttons.

① Use the black nylon spudger to remove the record button.

Step 11 — Eyepiece



- Remove the two 3 mm Phillips #00 screws in front of the two screws you removed in the previous step.
- Remove the 3 mm Phillips #00 screw to the right of the eyepiece.
- Remove the 4 mm Phillips #00 screw to the left of the eyepiece.

Step 12



- Pull up on the copper PCB wire attaching the eyepiece to the body of the camera.

⚠ Copper PCB wire breaks very easily, use extreme caution when removing it. Be sure not to bend or twist the PCB wire.

- Remove the eyepiece from the body of the camera.

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