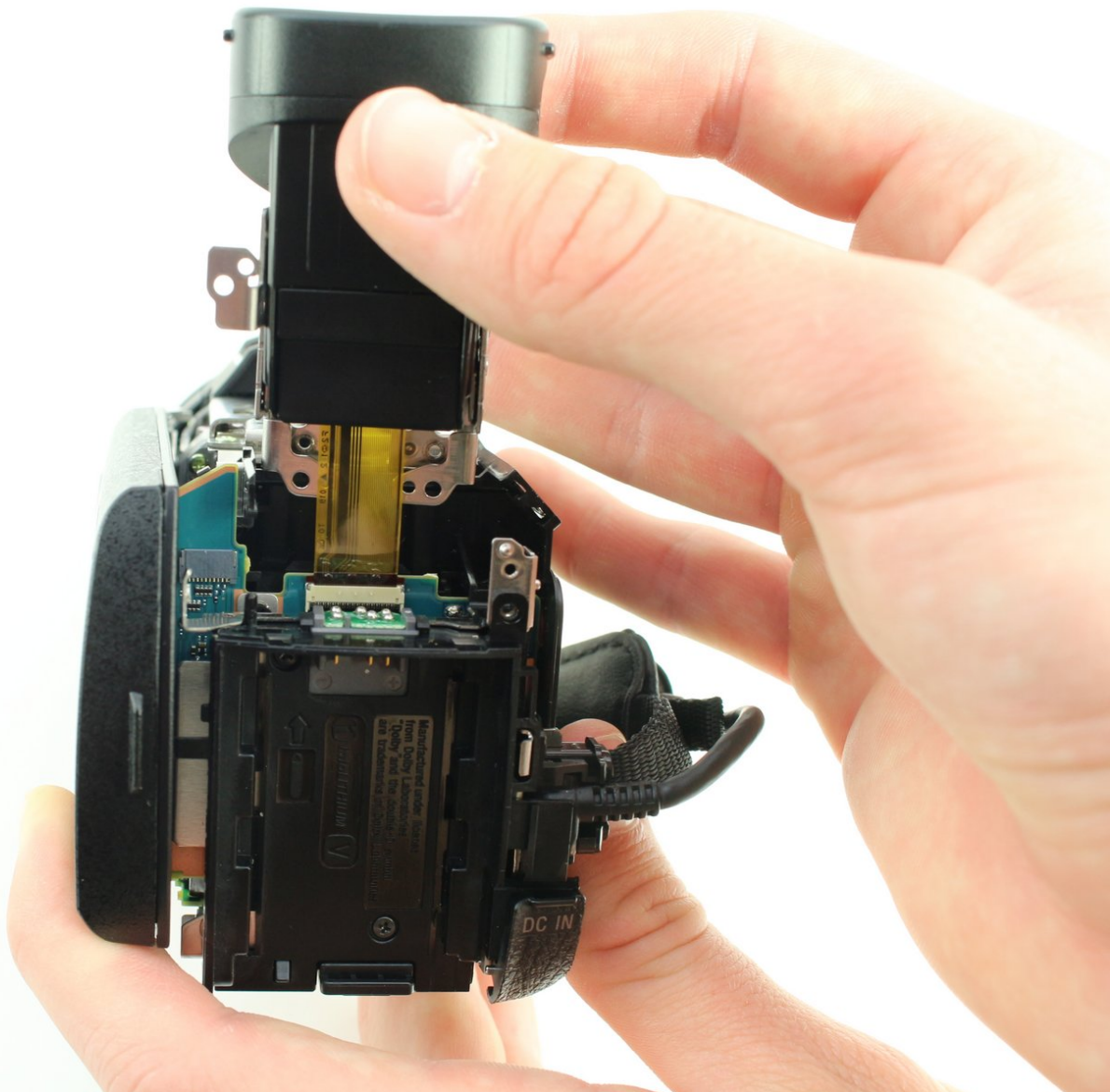




Sony Handycam FDR-AX33 Eyepiece Replacement

Sony Handycam FDR-AX33 eyepiece replacement and removal.

Written By: Lee Conway



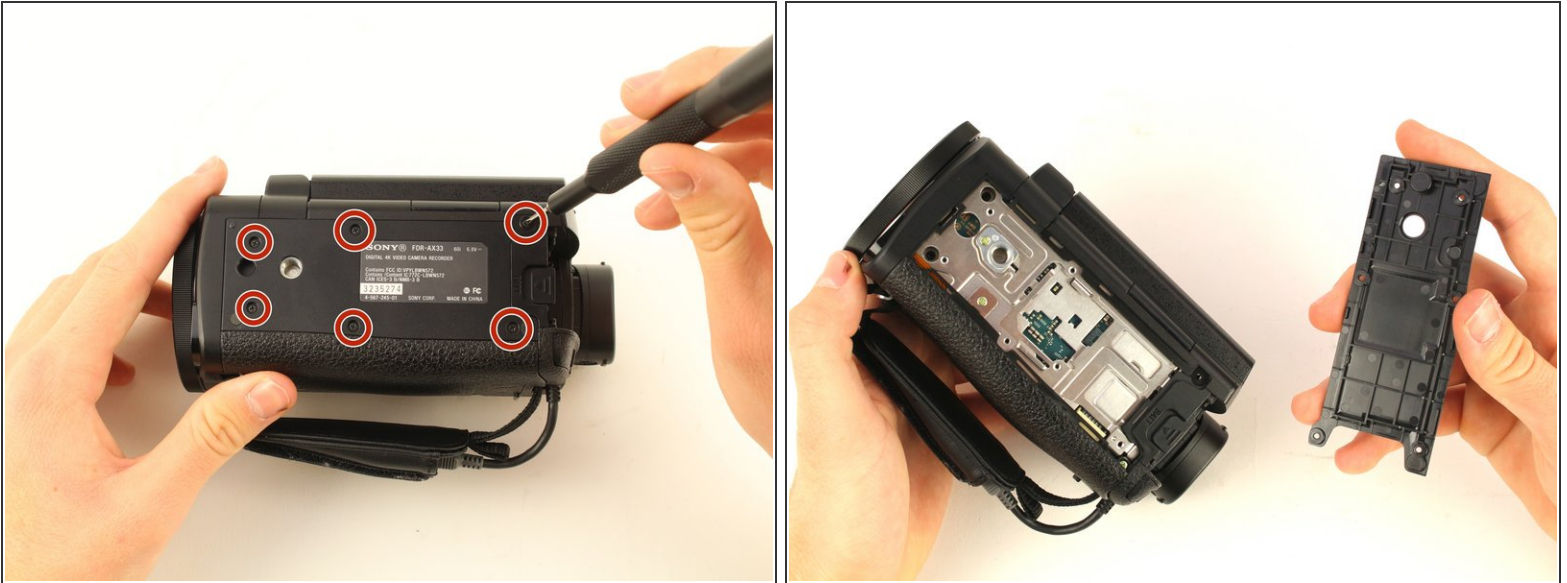
INTRODUCTION

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



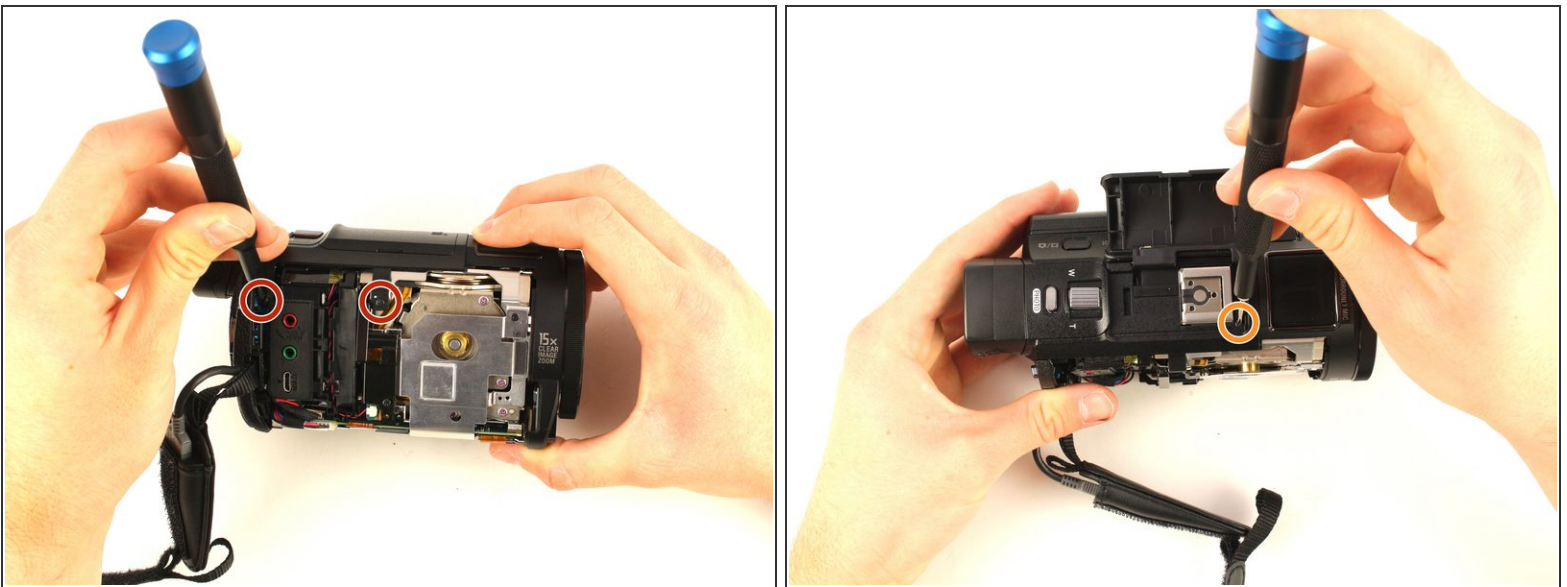
- ⓘ Remove the battery by pushing the latch towards the body of the camera. Push the battery down and pull it out.
- Remove the six black 4 mm Phillips #00 screws from the bottom panel of the camera.
- Pull off the bottom panel. It may be difficult, but tugging on it shouldn't cause harm to yourself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



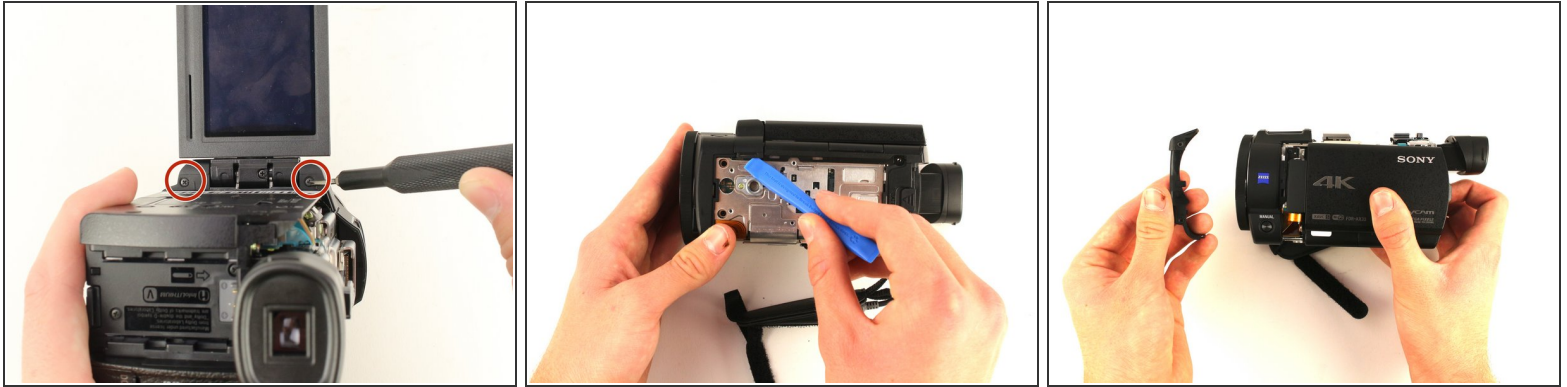
- Remove the 3 mm Phillips #00 screw from below the right side of the battery slot.
- Remove the black 5 mm Phillips #00 screw from the top of the battery slot.

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



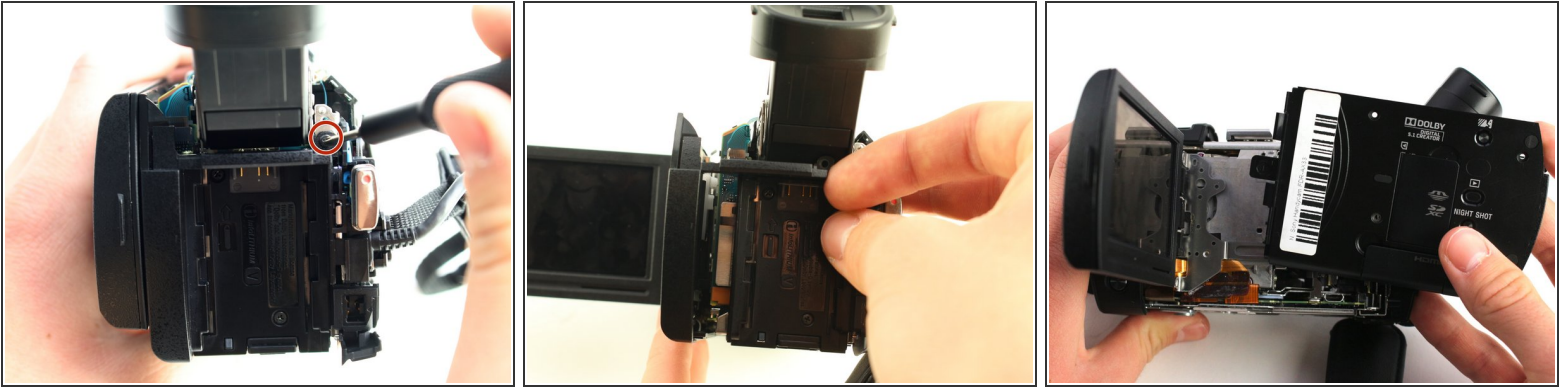
- Remove the top and bottom 4 mm Phillips #00 screws from the display screen hinge.
- Use the iFixit opening tool to remove the screen hinge.

Step 7



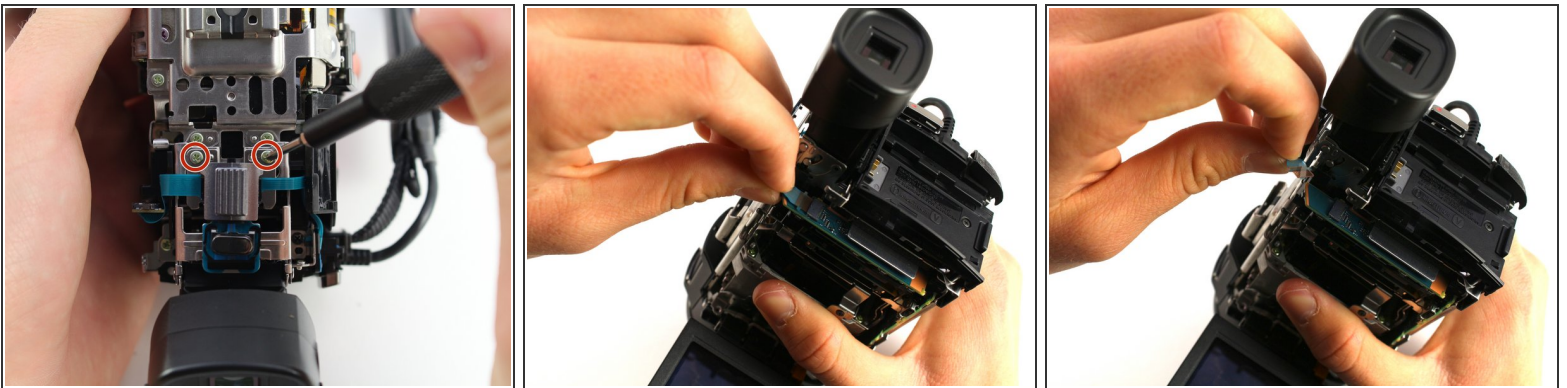
- Remove the 3 mm Phillips #00 screw from between the eyepiece and the panel directly to the right of the battery slot.
- ⓘ Angle the eyepiece up to reach the screw with the screwdriver.
- Take the panel directly to the right of the battery slot off of the camera.

Step 8



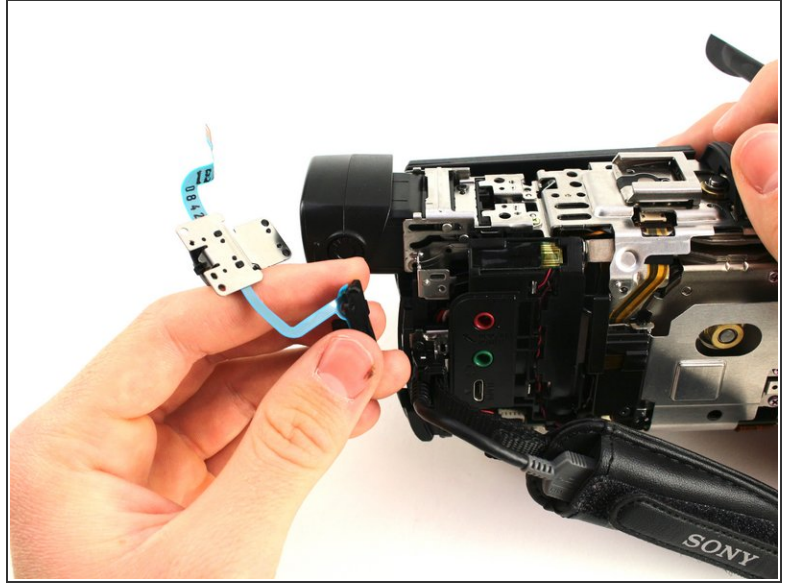
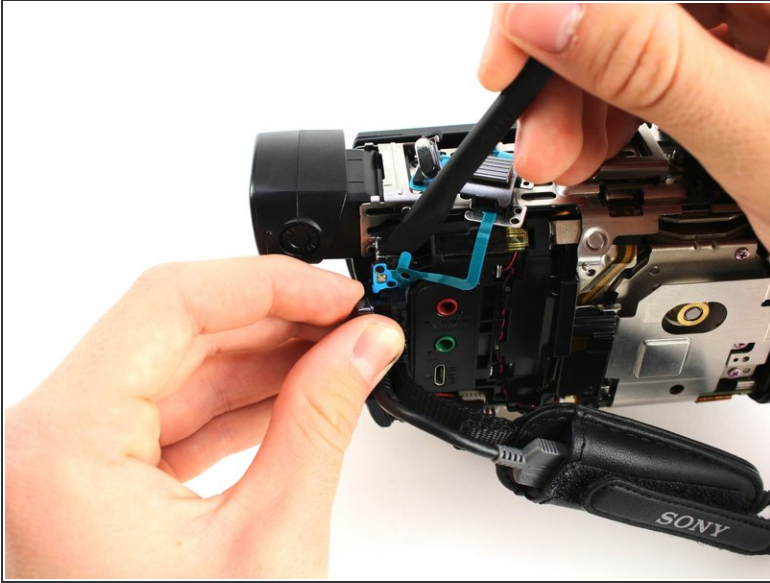
- Remove the 4 mm Phillips #00 screw above and to the right of the battery slot.
 - Pry the left panel out at an angle by pushing the plastic slat between the battery slot and the eyepiece.
 - Wiggle the left panel and pull it out gently.
- i** The left panel can be hard to remove so make sure to apply a good amount of force, but be cautious to not harm yourself or the device.

Step 9 — Zoom, Photo, and Record Button



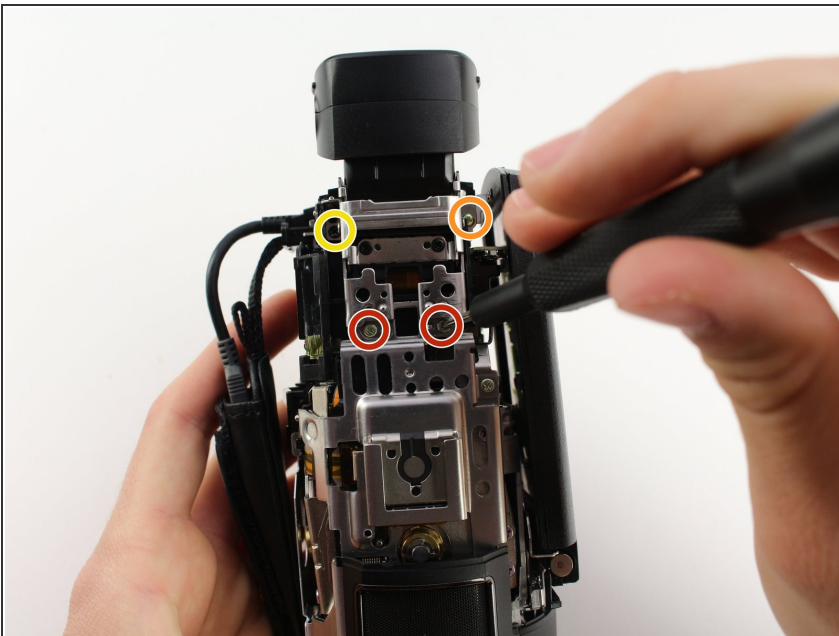
- Remove the two 3 mm Phillips screws directly in front of the zoom button.
- Slide the blue copper PCB out of the connector.

Step 10



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