



Focusing Screen Installation Instructions

For the Nikon D200 & Fuji S5 Pro

Installation Guide: Nikon D200 & Fuji S5 Pro

Thank you very much for your purchase of a Katz Eye™ focusing screen. This document provides installation instructions for the Nikon D200 and Fuji S5 Pro cameras. The installation of the Katz Eye™ screen requires no modifications to the camera, and when properly performed, is completely reversible. For best results, please read completely through the instructions before beginning the procedure.

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Note: Pictures are available in larger format on the internet. Just click the links.

1. Set up a work area which is relatively free of dust and has a soft surface on which to place the camera.
2. Collect the necessary tools and supplies. You will need:
 - a. Supplied installation tool (not shown).
 - b. Tweezers.
 - c. Bulb blower.
 - d. Pec-Pads or lens cloth.



Fig. 1 – Click Photo to Enlarge

3. Remove the lens from the camera and place the camera flat on its back (on the LCD side).
4. Place a folded Pec-Pad or lens cloth against the reflex mirror for protection. The pad is not used in these illustrations for clarity of view. While this step is not absolutely necessary, it is a good general precaution.



Fig. 2 - Click Photo to Enlarge

CAUTION: The screen retention mechanism is delicate. Excess force can break the small plastic catch which holds the retainer wire. Please follow the instructions carefully, use only gentle pressure, and if you are in doubt about what you are doing, stop and consider professional installation.

5. Release the screen retaining wire by inserting your smallest screwdriver as shown in Figure 3. Then, gently lift the wire slightly as shown by the straight red arrow in Figure 4. The direction of your pressure should be parallel to the focusing screen and toward the lens mount. The wire will then pivot away from the focusing screen (it is hinged near the main mirror).

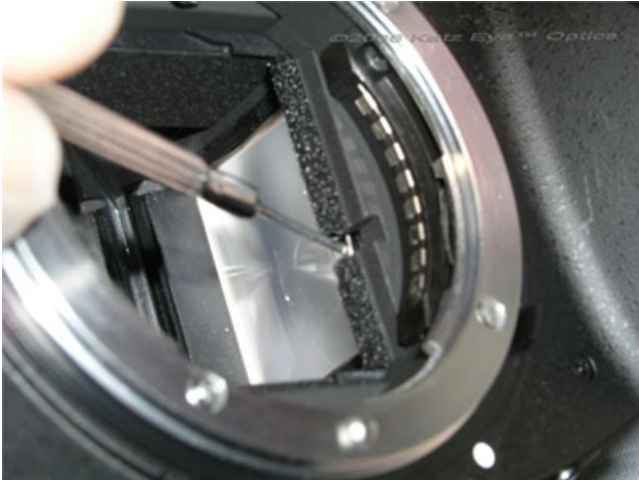


Fig. 3 - Click Photo to Enlarge

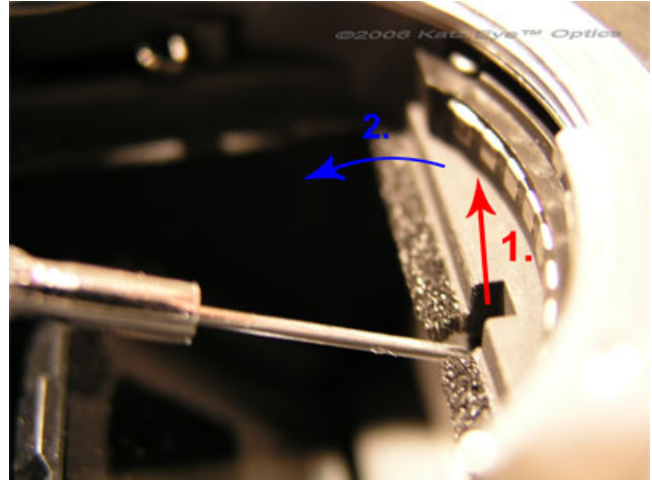


Fig. 4 - Click Photo to Enlarge

6. Continue pivoting the retaining wire away from the screen until it is nearly against the main mirror. Tip the camera so that the focusing screen falls against the retaining wire. Grasp the original focusing screen by the tab along the top edge. Be careful not to grasp too far down on the screen, as you could make marks in the viewable area. Carefully lift out the original focusing screen and store in a safe place. The shim(s) should not be removed – if the shim(s) are accidentally removed with the focusing screen (static often holds them together), reinsert the shim(s) before continuing.



Fig. 5 - Click Photo to Enlarge

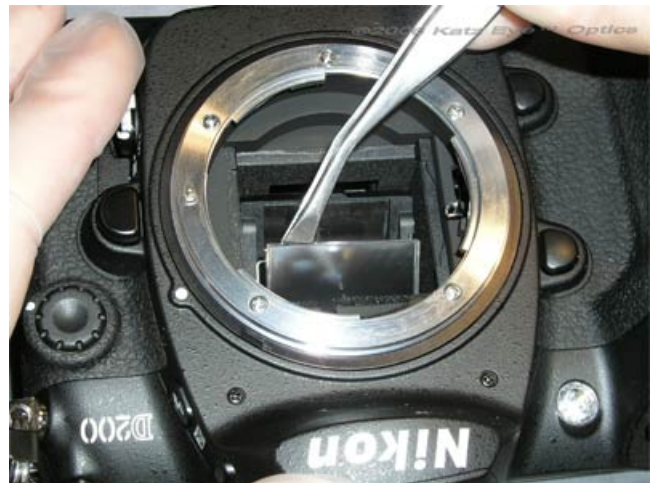


Fig. 6 - Click Photo to Enlarge

7. Remove the bagged Katz Eye™ screen from the plastic case. Orient the screen so that the tab is in the upper left corner. Grasp the Katz Eye™ focusing screen by its tab and withdraw from the protective bag. Insert the screen into the camera. The tab should be located in the corner furthest from the main mirror and closest to the camera's name badge (as shown in Figure 8).



Fig. 7 - Click Photo to Enlarge



Fig. 8 - Click Photo to Enlarge

8. Lower the retaining wire until it approaches the catch. Gently press the wire toward the top of the camera (perpendicular to the focusing screen) and over the catch. It may be necessary to adjust the angle at which the pressure is applied in order to get the wire to catch – Figure 10 should provide a good starting point. If the wire springs back after pressing it all the way down, then try again with the pressure aimed slightly more toward the main mirror. Exercise great caution to insure that the tool does not slip from the wire and scratch the screen. Do not use excessive pressure – if the wire doesn't catch, stop, study the situation, and try again. Do NOT attempt to force it. When the wire is home, you should feel and/or hear a very slight click.



Fig. 9 - Click Photo to Enlarge



Fig. 10 - Click Photo to Enlarge

9. If necessary, blow any dust out of the mirror chamber with the bulb blower. Attach a lens, test the camera functions, and check the alignment of the focusing screen to the in-camera marks. Please note that because the focusing screen and the in-camera marks are at a different distance from the viewfinder, if your eye is off-center in the viewfinder, the marks may appear not to align even if they are positioned correctly. The alignment of the focusing screen to the in-camera marks is a purely aesthetic issue and will NOT affect the correct calibration of the manual focus. However, if the alignment is off in a bothersome way, there is room for a slight amount of left to right adjustment. To adjust the screen, simply unlatch the retaining wire, gently tap the camera to move the screen and re-latch the wire. Because of the optics of the pentaprism, left/right motion of the screen is reversed; in other words, if the prism appears too far to the right, it will actually need to move to the right to correct the alignment. And if it appears too far to the left, it will need to move to the left. Once the alignment is visually satisfactory, the installation is complete.

-- End of Instructions --

Technical Support

Technical support is available by email to customerservice@katzeyeoptics.com. We strive to return all emails within 24 hours. Technical support is also available by phone at +1.413.743.2523 between the hours of 8:00am and 6:00pm Eastern Standard Time (GMT-5:00), Monday through Saturday. If we are not available, please leave a brief message, including your name and phone number, and we will call you back as soon as possible and always within 24 hours.

If you do not wish to complete the installation yourself, Katz Eye™ Optics can provide installation services. Please visit the Katz Eye™ Optics website, www.katzeyeoptics.com to purchase our installation service. We would also be happy to advise your choice of local camera shop regarding the installation procedure. Thank you very much for your purchase of a Katz Eye™ focusing screen and may the world favor you with abundant photo opportunities.

Take care,



Rachael Katz – Co-Owner, Katz Eye™ Optics