



Focusing Screen Installation Instructions

For the Nikon D40/D40x/D50/D60/D70/D70s

Installation Guide: Nikon D40, D40x, D50, D60, D70 & D70s

Thank you very much for your purchase of a Katz Eye™ focusing screen. This document provides installation instructions for the Nikon D40, D40x, D50, D60, D70 & D70s. This installation 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: Some pictures are available in larger format on the internet. Just click the links. Because of the great similarity between the D40, D50, D60 and D70, photos are utilized from both a D50 & D70 installation.

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.



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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 mirror for protection. The pad is not used in these illustrations for clarity of view. While this is not absolutely necessary, it is a good precaution.

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5. Release the screen retaining wire by gently prying on the exposed loop, pulling away from the foam. The retaining wire should NOT be removed from the camera.



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6. Tip the camera forward so that the focusing screen falls against the retaining wire. Grasp the screen in the area indicated by the red circle and lift the screen from the camera. Place the screen on a lens cloth or Pec Pad. Note: it is also safe to hold the screen along the front edge, within 1.5mm of the edge, as this area is outside the viewable area of the viewfinder.



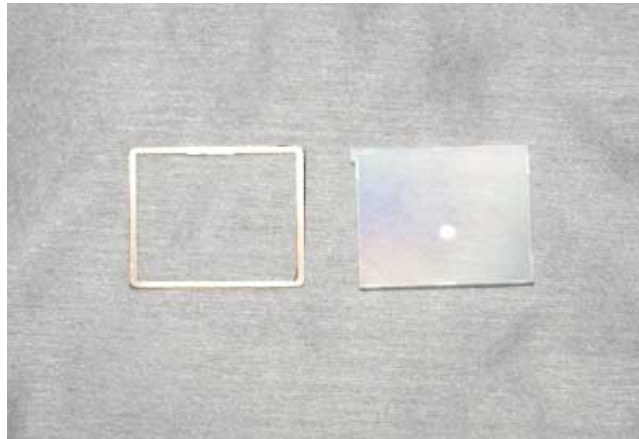
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7. The shim does NOT need to be removed or changed. It is shown below with the focusing screen for reference only. If the shim is accidentally removed with the screen, reinsert it in its original position.

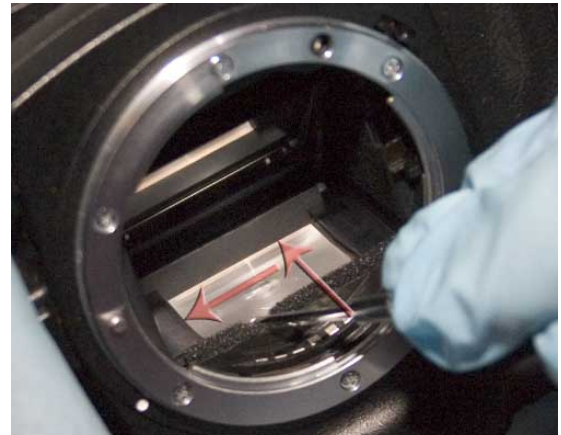


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8. Insert the Katz Eye™ focusing screen into the camera as shown and gently tip the camera to ensure that the screen is seated all the way to the left and toward the mirror, as indicated by the arrows. This will make for correct alignment between the prism and viewfinder markings. The tab (where the tweezers is grasping) should insure correct orientation of the screen. However, to avoid any possible confusion, the side of the screen with the prism protruding should be facing the shim. The flat side of the screen, with the fine phonograph-like texture, should be facing the main mirror.



Click Photo to Enlarge

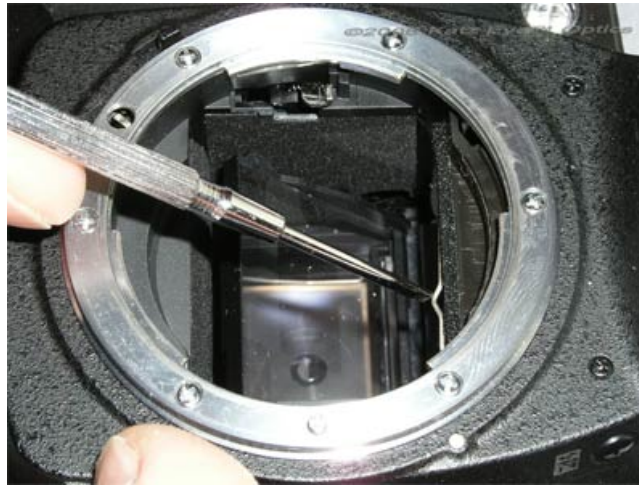


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ATTENTION: BEFORE ATTEMPTING TO RE-LATCH THE RETAINING WIRE, PLEASE READ THE REMAINDER OF THE INSTRUCTIONS. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE SCREEN!

9. Lower the retaining wire back into position against the screen, but do not yet attempt to latch it. It is very important that the wire come all the way down until it is at the foam strip. If a gap of several millimeters exists between the wire and the foam when resistance is felt, the screen is not fully seated and the wire will not latch correctly. In this case, lift the wire slightly; gently tap the side of the camera to re-seat the screen and shim; and lower the wire once again. When the wire lowers all the way to the foam strip without resistance, it is ready to be latched.

10. To re-latch the retaining wire, apply moderate pressure to the loop of the retaining wire to snap it into position. The correct point and direction to apply pressure are indicated by the screwdriver in the photo. It takes a bit of pressure to latch, but it is not extreme. If substantial resistance is encountered, recheck step 9 for proper seating. Also, it is very important to be sure to position your tool in such a way that you will not slip and scratch the screen. You may prefer to complete this step by pushing with a soft tool, such as a pencil eraser, to minimize the chances of damaging the screen. However, be sure to select an appropriate tool that will not leave dust in the camera.



Click Photo to Enlarge

11. When the screen has been successfully installed, blow out the mirror chamber with the bulb blower, reinstall the lens, and check the camera functions.

Installation Complete

Technical Support

Technical support is available by email to customerservice@katzeyeoptics.com. We strive to return all emails within 24 hours. Alternatively, you may call +1.413.743.2523 between the hours of 8:00am and 6:00pm Eastern Standard Time, Monday through Friday. If we are not available, please leave a brief message, including your name and phone number, and we will call you back within 24 hours.

If you do not wish to complete the installation yourself, Katz Eye™ Optics can provide installation services. Please contact us for pricing and availability. 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