



Focusing Screen Installation Guide

For the Canon EOS 40D, 50D & 60D

Installation Guide: Canon EOS 40D, 50D, & 60D

Thank you very much for your purchase of a Katz Eye™ focusing screen. This document provides installation instructions for the Canon EOS 40D, 50D and 60D. While these instructions are based on a 40D installation, the procedure is equally applicable to all models. 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.

WARNING: THESE INSTRUCTION ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. KATZ EYE™ OPTICS ACCEPTS NO LIABILITY FOR DAMAGE RESULTING FROM USING THESE INSTRUCTIONS. SHOULD DAMAGE OCCUR AS A RESULT OF FOLLOWING THESE INSTRUCTIONS, THE USER WILL ASSUME THE ENTIRE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. KATZ EYE™ OPTICS' LIABILITY IS LIMITED TO REPAIR OR REPLACEMENT OF PARTS SUPPLIED BY KATZ EYE™ OPTICS, AT OUR SOLE DISCRETION.

Note: All 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. Tweezers (supplied)
 - b. Bulb blower (optional)
 - c. Rubber gloves, powder free (optional)
3. Before removing the lens or body cap, use a bulb blower or cleaning brush to remove dust around the lens mount. This will help prevent dust from getting into the viewfinder.
4. Remove the lens from the camera and place the camera flat on its back (on the LCD side). Using the supplied tweezers, **GENTLY** lift the catch and pivot the screen frame toward the mirror. It may be necessary to use your finger to make the frame pivot down. Be careful not to touch the screen or mirror – fingerprints or smudges are very difficult to remove!



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5. Continue tipping the frame toward the mirror until it stops. It is designed to stop before it contacts the mirror and the mirror will not be damaged. Using the supplied tweezers, grasp the original focusing screen by the tab and carefully lift it from the camera. **DO NOT TOUCH THE FOCUSING SCREEN WITH YOUR FINGERS – SMUDGES ARE VERY DIFFICULT TO REMOVE!**



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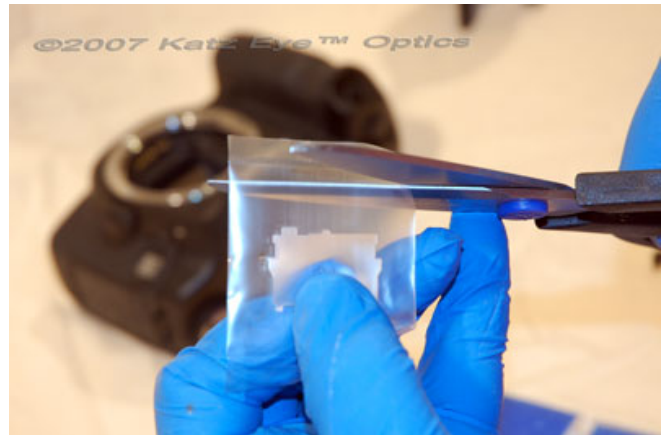


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6. Place the removed screen on the foam padded lid of the opened case of the Katz Eye™ focusing screen. Carefully cut the seal off of the Katz Eye™ screen with a scissors. Keep the special non-scratching bag to use for storing the original screen.



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7. Using the supplied tool, remove the Katz Eye focusing screen from its protective bag and place it in the frame. **DO NOT TOUCH THE SCREEN WITH YOUR FINGERS!**



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8. Check to be sure the screen is sitting correctly in the frame. It should sit comfortably and relatively straight in the frame. Using your fingertip, carefully lift the frame toward the catch until it latches securely. Be sure not to smudge the focusing screen or mirror as you lift the frame.



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9. If necessary, blow any dust out of the mirror chamber with the bulb blower. Attach a lens and test the camera functions. If the camera functions correctly, the installation is complete. If any problems are encountered, please contact Katz Eye™ Optics technical support for assistance.

Installation Complete

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.

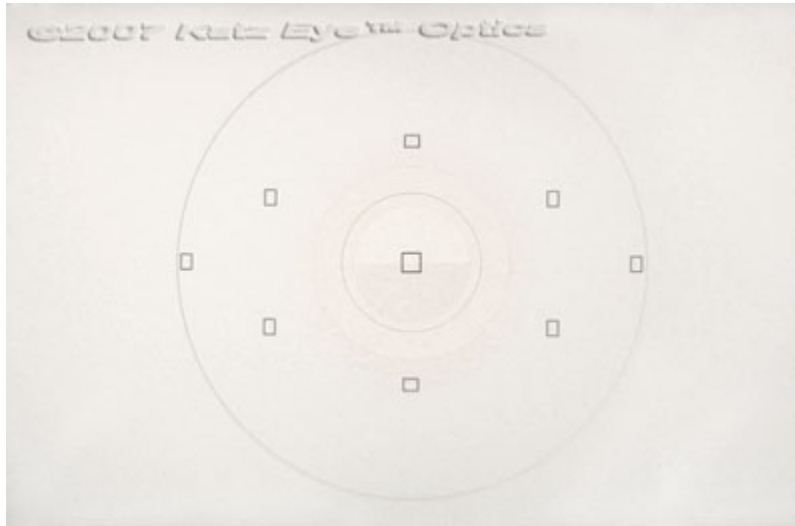
Take care,

A handwritten signature in black ink that reads "Rachael Katz".

Rachael Katz – Co-Owner, Katz Eye™ Optics

Addendum A: Screen Alignment

Because of the high precision manufacturing of the Katz Eye focusing screen, the viewfinder markings (AF points, etc.) should align well to the prisms and markings of the Katz Eye focusing screen with no special procedures. The spot metering circle should be concentric with the prisms and the center weighted metering circle should be approximately evenly spaced from the outer focusing points. Because of parallax, the position of your eye in the viewfinder can shift the apparent alignment slightly though. So before concluding there is an alignment problem, move the camera back and forth slightly in front of your eye to be certain your eye is properly centered in the viewfinder.



The alignment should be quite close without any special procedure, as long as the screen is installed correctly. If the alignment appears very far off, it is recommended to check for correct installation before proceeding with any adjustment. It also bears repeating that the apparent alignment can shift substantially based on the position of your eye in the viewfinder, so you might want to move your eye around a bit to be sure that there is actually a discrepancy. If it is determined that there is a discrepancy, the design of the camera does allow the screen to be shifted very slightly in its frame. It can only shift the alignment by a tiny amount; but if you see a tiny misalignment and this is troubling, it is possible to move the screen to achieve perfect alignment. It is not necessary, nor desirable, to remove the focusing screen to perform the alignment. Simply unlatch the retainer frame, give the camera a gentle nudge, and re-latch the frame.

Please note that 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. Vertical alignment is not adjustable. The alignment of the markings will not affect the accuracy of the focusing functions in any way; so once the alignment is close enough to be visually acceptable, the process is complete.