



KATZ EYETM OPTICS
Focusing Screen Installation Guide

For the Olympus E-4xx, E-5xx, and Panasonic DMC-L10

Installation Guide: Olympus E-4xx, E-5xx, and Panasonic DMC-L10

Thank you very much for your purchase of a Katz Eye™ focusing screen. This document provides installation instructions for the Olympus E-4xx, E-5xx, and Panasonic DMC-L10. These instructions are based on an actual installation in an E-500, but the procedure is identical in all applicable 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. Miniature screwdriver.
 - b. Flat Nose Tweezers.
 - c. Pointed Tweezers.
 - d. Bulb blower.
 - e. Pec-Pads or lens cloth.



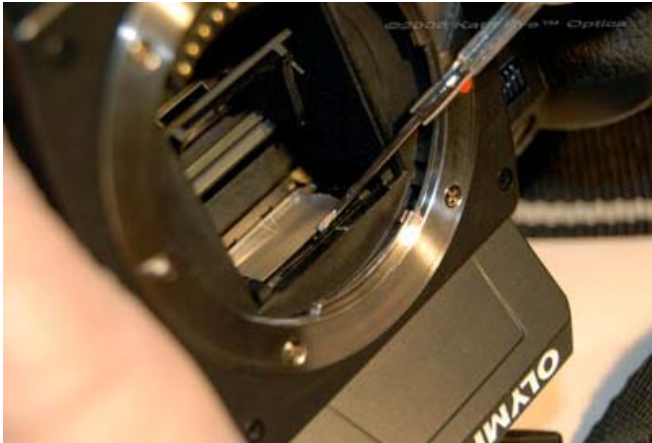
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3. Remove the lens from the camera and place the camera flat on its back (on the LCD side).



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- 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. To minimize introduction of dust into the camera, it is also very helpful to clean the mirror chamber before beginning the installation procedure.
- Release the screen retainer clip by inserting your screwdriver as shown in the photos below. The right photo shows the most common working position, but the correct placement of the screwdriver is shown more clearly in the left photo. Gently pry the retainer clip out from under the mirror damping foam.



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- Pivot the clip away from the focusing screen and lift out with the flat nose tweezers.



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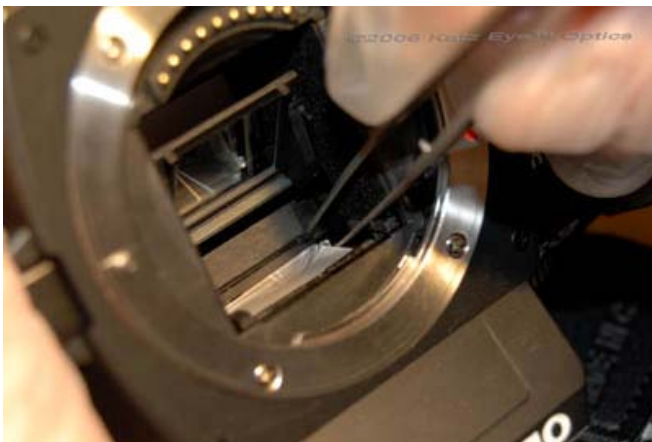
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7. Before removing the focusing screen, take a moment to study the picture below to understand how to properly grasp the screen. It is **VERY** important to touch only the handling tab or edges of the screen, as the faces of the screen are very fragile and any contact with the faces will cause permanent damage.



Click Photo to Enlarge

8. Using the pointed tweezers, grasp the focusing screen by the tab and lift it out of the camera. Be **very** careful to touch only the tab, so the screen face does not become damaged! Store the screen in a safe place, such as wrapped in a lens cloth and placed in the Katz Eye™ box. The plastic bag in which the Katz Eye™ screen is packed may also be reused to store the OEM screen.



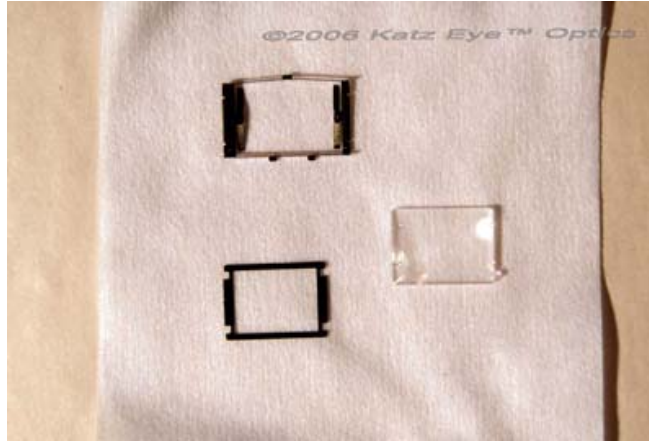
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9. The shim behind the focusing screen should **not** be removed – it is shown below with the focusing screen and retainer for reference only. If the shim is accidentally dislodged during the installation process, place the shim back in the original location before proceeding.



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10. Insert the supplied Katz Eye™ shim into the recess in the camera. Please note that the color of the shim supplied with your screen may vary from that shown here.



Click Photo to Enlarge

11. Remove the bagged Katz Eye™ screen from the plastic case. Grasp the Katz Eye™ focusing screen by its handling tab as shown here and withdraw from the protective bag. Be **very** careful to touch only the tab, so the screen faces do not become damaged!



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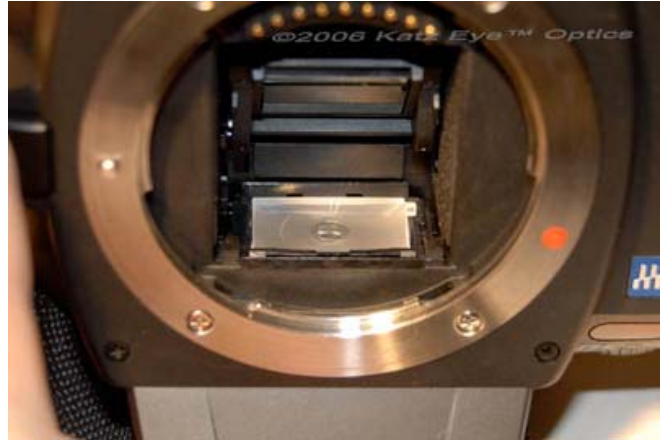


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12. Insert the Katz Eye™ focusing screen into the camera. Be sure the screen is completely flat in its recess.



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[Click Photo to Enlarge](#)

13. Insert the retainer clip into the camera. Be sure the two tabs at the rear of the clip engage the matching notches in the frame. Using the screwdriver, gently press the retainer clip toward the top of the camera until it engages. It is important not to damage the mirror damping foam strip as the retainer is installed.



[Click Photo to Enlarge](#)



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14. 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.

Focus Calibration Notes: The thickness of the Katz Eye shim was designed to produce correct manual focus calibration with the Katz Eye focusing screen, based on a study of a substantial number of Olympus E400, E-410, E-420, E-500, E-510, E-520 and Panasonic DMC-L10 cameras. However, we have observed a very rare variation in the factory calibration of these models; and because of this, we recommend the installer perform a manual focus check upon completion of the installation. The installation of the Katz Eye screen has no affect on the autofocus system, so it is not necessary to confirm AF calibration. However, as manual focus calibration has been seen to vary slightly in these rare cases, a post-installation manual focus test is a good idea. If a front focus condition is observed, meaning the actual point of focus is closer to the camera than the point indicated in the viewfinder, removing the Katz Eye shim may yield more accurate results.

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, appearing to read "Rachael Katz". The signature is fluid and cursive, with the first name being more prominent.

Rachael Katz – Co-Owner, Katz Eye™ Optics