



OLPF FRAME INSTALLATION INSTRUCTIONS



EPIC MYSTERIUM-X | SCARLET MYSTERIUM-X
RED.COM

OLPF FRAME INSTALLATION INSTRUCTIONS

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CHAPTER 1:

OLPF FRAME INTRODUCTION

If you are using an EPIC MYSTERIUM-X® or SCARLET® MYSTERIUM-X camera, you need to install a new OLPF frame (included with the DSMC® AL Leica-M Mount). Leica-M® lenses are incompatible with older models of the OLPF frame originally installed in the EPIC MYSTERIUM-X and SCARLET MYSTERIUM-X. Your warranty will not be void if you install the OLPF frame according to these instructions. If you want RED® to perform the installation of the OLPF frame for you, RED will do so free of charge. Submit a Support ticket at <https://support.red.com> for complete details.

WARNING: This procedure is ONLY applicable to EPIC MYSTERIUM-X and SCARLET MYSTERIUM-X cameras.

CAUTION: Use extreme care to ensure that no tools come into contact with the OLPF.

OLPF FRAME UPGRADE KIT COMPONENTS

The DSMC AL Leica-M Mount includes the following OLPF frame upgrade kit items:

- ▶ OLPF frame
- ▶ Four (4) M4x0.7 X 8 mm lens mount screws
- ▶ T20 TORX® driver
- ▶ T6 TORX driver

REQUIRED TOOL

The following tool is not included in the upgrade kit, but it is required to properly perform this upgrade:

- ▶ ESD-safe plastic tweezers

ADDITIONAL RESOURCES

The following resources offer additional information about RED, the DSMC® system, and the RED community:

- ▶ **RED.com:** Check the [official RED website](#) for the latest information about RED products.
- ▶ **RED Learn Articles:** RED offers [in-depth technical articles](#) about RED cameras, post-production, and digital cinematography.
- ▶ **RED Downloads:** Go to [RED Downloads](#) to download the latest firmware, operation guides, and post-production software.
- ▶ **DSMC Toolkit:** Go to [RED Downloads](#) to find the DSMC Toolkit, which offers many helpful tools and resources to customize and improve your camera workflow.
- ▶ **RED Support:** Check the [RED SUPPORT site](#) for FAQs, or to file a support ticket.
- ▶ **In-Camera Help:** Select the Help button on an in-camera screen to open up the help for that screen.
- ▶ **REDUSER:** Discuss all things RED on the [REDUSER](#) third-party forum.

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CHAPTER 2:

INSTALL THE OLPF FRAME

WARNING: This procedure is ONLY applicable to EPIC MYSTERIUM-X® and SCARLET® MYSTERIUM-X cameras.

WARNING: DO NOT allow any dirt or debris to enter the optical cavity.

1. Turn off the camera.
2. Remove the lens, and any modules, cables, or other accessories that might interfere with removing the lens mount.
3. Loosen and remove the four (4) M4x0.7 x 8 mm lens mount screws in a cross pattern ("X" pattern) using a T20 TORX® driver.

NOTE: Screw removal may require a large handle T20 TORX driver and additional leverage.

4. Remove the lens mount.



Figure: Remove Lens Mount

5. Use a damp, lint-free cloth to gently wipe down the area around the lens mount and OLPF module. Remove as much dust and debris as possible.

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6. Remove the old OLPF frame.
 - A. Remove the tamper seals with ESD-safe plastic tweezers.



Figure: Remove Tamper Seals

- B. Remove the four (4) M2x0.4 x 4 mm OLPF frame screws (P/N 600-0224) in a cross pattern ("X" pattern) using a T6 TORX driver.
 - C. Remove the OLPF frame with the tip of the TORX driver.

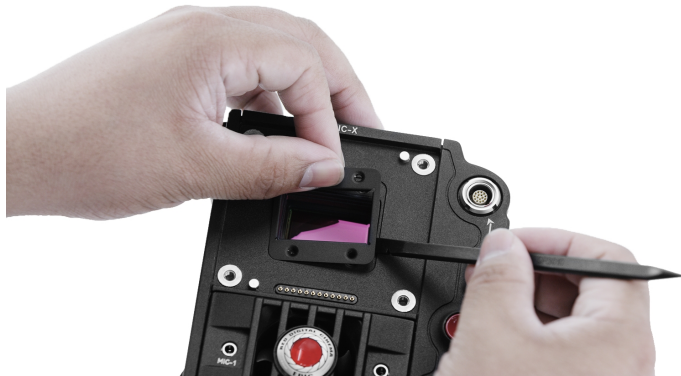


Figure: Remove the OLPF Frame

7. Install the new OLPF frame.
 - A. Insert the OLPF frame into the optical cavity with the lip on the outer rubber frame and press lightly downward to seat.
 - B. Insert and loosely tighten the four (4) M2x0.4 X 4 mm OLPF module screws (P/N 600-0224) in a cross pattern ("X" pattern) using a T6 TORX driver. DO NOT FULLY TIGHTEN.
8. Replace the lens mount.
 - A. Replace and loosely tighten the four (4) M4x0.7 x 8 mm lens mount screws in a cross pattern ("X" pattern) using a T20 TORX driver. DO NOT FULLY TIGHTEN.
 - B. Fully tighten the four (4) lens mount screws in a cross pattern ("X" pattern) using a T20 TORX driver. DO NOT exceed 350 in-oz, or damage may occur.

WARNING: DO NOT OVERTIGHTEN.