

Motorized Auxiliary Lens Mount Lubrication Instruction Sheet

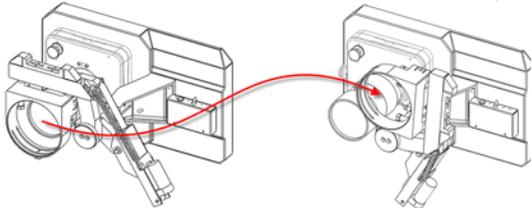
This document provides lubrication instructions for the motorized auxiliary lens mount (MALM) P/N: 108-111102-XX. Lubrication of the MALM is required every 6 months.

Prerequisites

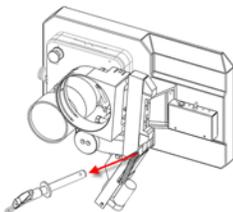
- Lubriplate 930-A synthetic grease (P/N: 99-CH0098-01P)
- Clean cloths
- 3/16" hex driver

Disassemble the MALM

1. Turn the projector power off.
2. Retract the lens to the *out* position with the MALM control box.

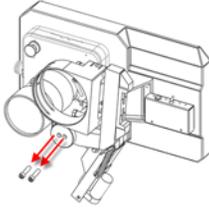


3. Disconnect the projector from AC power.
4. Remove the wide converter lens (WCL) or anamorphic lens and all lens accessories from the MALM.
See your projector and accessory user manuals for removal information.
5. Press the button at the end of the quick-release pin and remove the pin from the MALM.

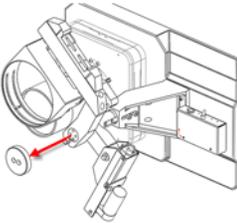


If the MALM has a spring attachment, carefully remove the quick-release pin. The spring may move if it is not fully retracted.

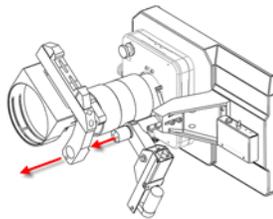
6. Remove the 2 screws that secure the clutch plate.



7. Hold the lens clamp at the angle illustrated and remove the front clutch plate.

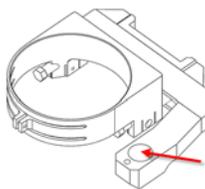


8. Slide the lens clamp forward on the shaft to remove it.

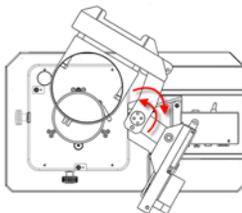


Lubricate the MALM

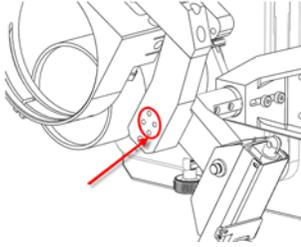
1. Wipe the lens clamp shaft and shaft hole with a clean cloth to remove all grease and debris.
2. Apply a thin layer of Lubriplate 930-A grease to the inside of the lens clamp shaft hole.



3. Slide the lens clamp shaft hole onto the shaft.
4. Rotate the lens clamp several times to evenly distribute the grease on the shaft.



5. Wipe the shaft with a clean cloth to remove any excess grease.



Assemble the MALM

1. Hold the lens clamp at a 45° angle and attach the front clutch plate.
2. Verify that both clutch plate pins are fully-inserted. There should be no gap between the clutch plate and the end of the MALM shaft.
3. Insert and hand-tighten 2 screws into the clutch plate.
4. Manually move the lens into the out position.
5. Align the actuator and spring, and then insert the quick-release pin.
6. Reconnect the projector to AC power.
7. Move the lens to the *in* position with the MALM control box.
8. Verify that the MALM moves smoothly throughout the entire range of motion.
9. Reattach the lens and all accessories.

See your projector and accessory user manuals for installation information.