



**1** To open, place the lubricator upright on a flat surface. Press down firmly on the clear housing and turn the locking ring counter-clockwise while holding the ribbed surface.



**2** Remove the black rubber battery seal and insert the battery pack with the label facing to the outside. Then replace the rubber seal.



**3** Remove the paper, disc shaped card from the replacement cartridge and fill in the "Start Date" and "Change Date".

**4a** Carefully squeeze any air out of the cartridge until grease begins to emerge from the outlet.

**4b** Place the lubricant cartridge on the inlet of the pump housing.

Grease Cartridges Only

**5a** Carefully remove the plug. Place the battery seal onto the cartridge. Turn the pump over and gently place it on the outlet of the cartridge.

**5b** While holding the cartridge and the pump housing together, carefully flip the assembly over and hold the cartridge in place.

Oil Cartridges Only



**6** Push the clear housing assembly over the lubricant cartridge and pump housing and then turn the locking ring clockwise until it clicks into the locking position.



**7** "Check Function"  
To manually cycle a battery powered unit, gently press and release one of the three switches on the bottom of the lubricator. *If your lubricator is externally powered follow the instructions on the other side.*



**8** Screw the MEMOLUB® lubricator onto the brass MEMO fitting. Once mounted, the MEMOLUB® will start an ejection cycle and follow the preset program.



**9** Note: If necessary, prime the MEMOLUB® pump with a hand grease gun.

- 1) To open the lubricator, place it upright on a flat surface. With one hand on top of the transparent housing, press firmly with the other hand, hold the ribbed surface of the locking ring and turn it counter-clockwise. Remove the locking ring and the transparent housing.
- 2) If using a MEMOLUB® HPS, EM, ONE or EPC, remove the black rubber seal to reveal the battery chamber, then insert the battery pack. The battery pack has to be inserted according to the instructions on the pump housing. When the battery pack is inserted, the motor will be activated for a moment. Put the rubber seal back in place. Note: The black rubber seal is not used on the Model 480 (Giga) lubricator.
- 3) Remove the paper, disk-shaped card from the replacement cartridge and fill in the “Start Date” and “Change Date”. The change date is determined by the programming, which can be looked up on your programming chart. Place the card on the inside top surface of the transparent housing, so that the information can be viewed from the top of the lubricator. Replace the spring and compression plate.
- 4) a. **(Grease Cartridges Only)** - Carefully squeeze air out of the cartridge until grease begins to emerge from the outlet. This step avoids pump air lock and ensures an uninterrupted flow of grease to the piston pump.  
b. **(Grease Cartridges Only)**- Place the cartridge on the inlet of the pump housing. The male end of the lubricant cartridge should seat into the female end of the pump housing.
- 5) a. **(Oil Cartridges Only)**- Hold the cartridge with the outlet facing up. Carefully remove the cartridge plug and place the rubber battery seal on the cartridge. Do not squeeze the cartridge. Turn the pump housing over and gently place it on the outlet of the cartridge.  
b. **(Oil Cartridges Only)**- While holding the cartridge and pump housing together, flip the assembly over and hold the cartridge in place.
- 6) Replace the housing assembly (transparent housing, spring and compression plate, and black locking ring) over the lubricant cartridge and pump housing. The compression plate should be seated evenly on the lubricant cartridge. While holding the locking ring by its ribbed surface, turn it clockwise until it clicks into the locked position. Ensure that the locking ring locks by holding it on its smooth surfaces and turning clockwise. If the housing is correctly locked into place, it will not be possible to open it by holding the locking ring on its smooth surfaces.
- 7) To ensure that the MEMOLUB® is working, follow the “Check Function” steps listed for each of the Power Options.  
**MEMOLUB® HPS, EM & ONE:** Gently push and release one of the three switches at the bottom of the pump housing.  
**MEMOLUB® EPC:** Close external circuit relay, switch or PLC and then push and release one of the three switches.  
**MEMOLUB® EPS:** Apply external power and then push and release one of the three switches.  
**MEMOLUB® PLCD:** Screw the lubricator onto the Power-Through-MEMO fitting, and then start PLC program.  
*It is important that this step is done with a lubricant cartridge installed. Operating the MEMOLUB® without a cartridge or with an empty cartridge will cause the pump to lose its prime.*
- 8) Screw the MEMOLUB® lubricator onto the brass MEMO (which should already be screwed onto the lube point) using care not to damage the threads. Once the MEMOLUB® is mounted onto the MEMO fitting, it will immediately start one or two ejection cycles. This is the test function.
- 9) If necessary, prime the MEMOLUB® pump with a hand grease gun. This step is required only if the MEMOLUB® was permitted to operate without a cartridge in place or operate with an empty cartridge. Do this by placing the outlet of the hand grease gun on the inlet of the MEMOLUB® unit and pumping until grease appears at the outlet end of the MEMOLUB®. Two pumps of grease are generally sufficient.

**SAFETY PRECAUTIONS:**

**Warning:** Allowing the MEMOLUB® to cycle continuously with an empty cartridge can damage the pump.

**Warning:** The lower pump housing contains a loaded spring, **DO NOT OPEN.**

**Warning:** When using manual Check Function, aim the lubricator downwards and away from others.

Use the MEMOLUB® to lubricate machinery only.

Use only approved MEMOLUB® prefilled cartridges and battery packs.