



# MEMOLUB MEMO SYSTEM KNOWLEDGE BASE

## **MEMOLUB® MEMO KIT**

To program the MEMOLUB® HPS and EPS lubricators, you must first set up the MEMO system, which controls the daily grease output of the lubricator. The MEMO kit includes a brass adapter, a black plastic timing-ring holder, three timing rings (red, white, and black), and eight stroke-limiting washers.



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## EPS: FREQUENCY SETTINGS

The MEMOLUB HPS and EPS lubrication systems utilize a three-color timing ring system—white, red, and black—to program lubrication cycle frequency. Users can configure the output interval by installing one or a combination of these rings into the designated holder on the brass fitting.

When the lubricator is threaded onto the brass fitting, the installed timing rings depress specific switches on the underside of the unit. This mechanical interface sets the internal programming, determining the lubricant discharge frequency based on the selected ring configuration.



## MEMOLUB® HPS & EPS: VOLUMETRIC SETTINGS

Each MEMOLUB® HPS and EPS lubricator comes with a set of stroke-limiting washers that let you control how much lubricant is dispensed with each cycle. This gives you the flexibility to adjust the output to match your specific needs.

- With no washers installed, the unit delivers 0.6 cm<sup>3</sup> of lubricant per cycle.
- Each washer you add slightly reduces the amount—by 0.04 cm<sup>3</sup> per washer.
- You can use up to 8 washers total, including a special locking washer that holds the others in place.
- If you're only using one washer, make sure it's the locking washer.



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### What are the colored rings for?

The three plastic timing rings—red, white, and black fit into the black ring-holder on the brass MEMO fitting. Installing one or more rings (alone or in combination) programs the lubrication frequency for the MEMOLUB® HPS or EPS unit (e.g. how often grease is dispensed per 24-hour period) When you screw the lubricator onto the MEMO fitting, the rings physically depress switches on the bottom of the unit. The depressed-switch combination determines which preset cycle frequency is used.

### Do I need to use all timing rings?

No. The frequency time settings are set by inserting one, two or all three of the colored timing rings.

### What are the steel washers for?

They physically reduce the piston stroke length inside the lubricator, which in turn reduces the volume of lubricant ejected each time the unit activates.

### Why is there a C-shaped washer in my washer kit?

The C-shaped washer in your MEMOLUB® MEMO kit is the locking washer. It's used to hold the other stroke-limiting washers in place inside the brass MEMO fitting and it should always be inserted last—after any other washer.

If you're using only one washer, use just the C-shaped locking washer.

### Where do the washers go?

The stroke-limiting washers are installed inside the brass MEMO fitting, which is located on top of the brass outlet fitting that the lubricator screws onto.

- Insert the desired number of flat washers into the center hole of the MEMO.
- Insert the C-shaped locking washer last to hold them in place.

Once the washers are in place, screw the MEMOLUB® unit onto the fitting. The washers will limit the piston stroke, reducing the amount of lubricant dispensed per cycle.

### Why Did My EPS Lubricator Last Longer Than Expected?

The MEMOLUB® EPS model relies on an external 24VDC power source. Lubrication cycles only occur when power is actively supplied to the lubricator. If the power was turned off or interrupted during operation, the lubricator would pause, effectively extending the lifespan of the lubricant cartridge beyond the originally programmed setting.

This behavior is expected and ensures that lubricant is only dispensed when the system is powered and operating.

### What is the thread size of the MEMO fitting?

A 1/8" NPT male thread version is also available for applications requiring a smaller connection size.

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