

## MEMOLUB<sup>®</sup> MPS System

The MEMOLUB<sup>®</sup> MPS (Multi-Point System) converts any model MEMOLUB<sup>®</sup> lubricator into a compact central lube system. It is precise, reliable, and cost effective. The system consists of a MEMOLUB<sup>®</sup> lubricator, a distribution block which apportions the lubricant equally to all lube points, a mounting bracket and all the push-in tube fittings you'll need to quickly put your MEMOLUB<sup>®</sup> lubricator to profitable use in a multi-point application.

The MEMOLUB<sup>®</sup> MPS "Plug 'n Lube™" system is quick and easy to install. Simply mount the system in an accessible location, install the quick connect fittings on all lube points and plug in the pre-filled tubing between the two.

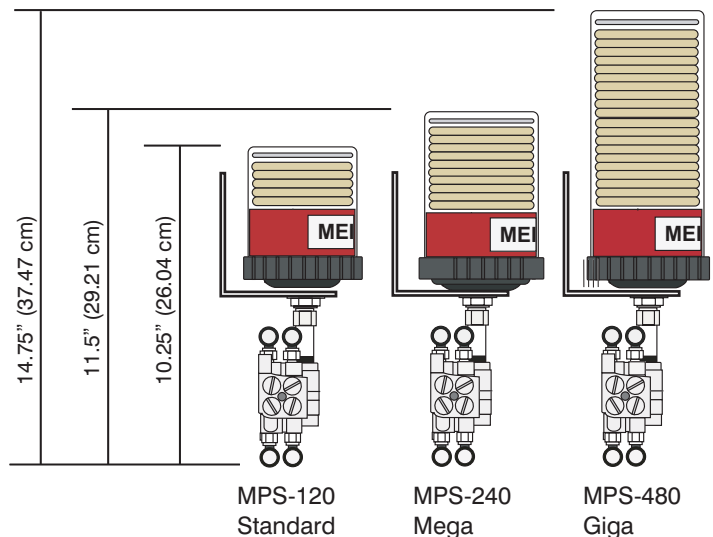
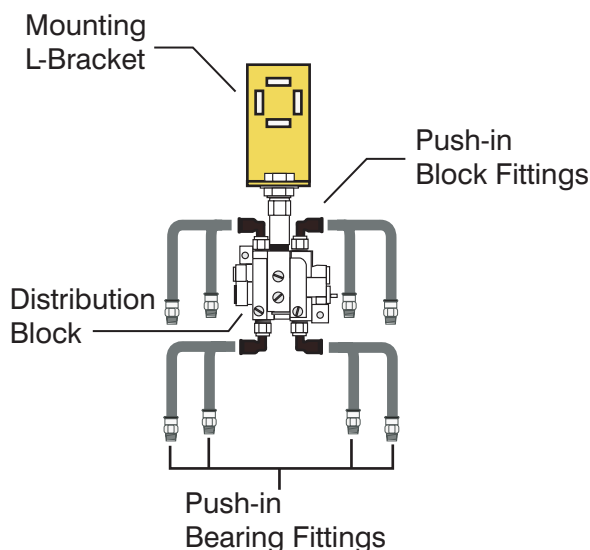
### Optional Parts (sold separately)

**Nylon Tubing:** The standard size nylon tubing required to complete the installation is 5/16" OD, but other sizes are available. Tubing can be purchased two ways; pre-filled with lubricant in 5 foot increments from 5 to 30 feet, or empty in any length from 1 to 100 feet.

**Protective Cover:** A nylon cover is available for additional protection of your MEMOLUB<sup>®</sup> lubricator in those harsher environments.

There are two system types available; one for grease applications and one for oil applications. When ordering, be certain to specify the system appropriate for your application. On each complete cycle of the Distribution Block, each outlet port ejects .3 cc's of lubricant. When 2 outlet ports are coupled using either the horizontal or vertical coupler, the output from one port is combined with the second port. The bearing that is connected to a coupled outlet port will receive .6 cc's per cycle of the Distribution Block.

Our staff is available at 1-800-635-8170 to assist you in sizing a lubrication system to your specific application.



Distance from back of bracket to front of the lubricator for all models are:  
 4.9" (12.4 cm) with Dust Cover  
 4.7" (12 cm) without Protective Cover

## How to order your complete Multi-Point Lubrication System

A complete MEMOLUB® MPS (Multi-Point System) can be ordered by using the quick coding below. Simply replace the "X's" with the code corresponding to your selection in the sub-menus. Additional installation parts and nylon tubing (empty or pre-filled with lubricant) are also available.

### MPS - XXX - XXX - XX - X - XXX

#### Lubricator size

120 = Standard HPS Model 120 (120cc of lubricant)  
 240 = Mega HPS Model 240 (240cc of lubricant)  
 480 = Giga HPS Model 480 (480cc of lubricant)

#### Power Options

R = HPS - Regular Configuration, Alkaline Battery Pack  
 L = HPS - with Cold Temperature Lithium Battery Pack  
 C = EPC - External On/Off Control, Battery Powered and MEMO Controlled  
 S0 = EPS - 4.5VDC Externally Powered - MEMO Controlled  
 S11 = EPS - 12VDC Externally Powered - MEMO Controlled  
 S21 = EPS - 24VDC Externally Powered - MEMO Controlled  
 P0 = PLCd - 24VDC Externally Powered and Controlled

Power Transformers and wire extension kits are available for all EPC, EPS and PLCd MEMOLUB® Power Options. Please call for availability.

#### Number of outlet ports

*Refer to Set-up Guide for details*

02 = 2 outlet ports (2 outlets @ .6 cc's)  
 03 = 3 outlet ports (3 outlets @ .6 cc's)  
 04 = 4 outlet ports (4 outlets @ .3 cc's)  
 05 = 5 outlet ports (4 outlets @ .3 cc's, 1 outlet @ .6 cc's)  
 06 = 6 outlet ports (6 outlets @ .3 cc's)  
 07 = 7 outlet ports (6 outlets @ .3 cc's, 1 outlet @ .6 cc's)  
 08 = 8 outlet ports (8 outlets @ .3 cc's)  
 09 = 9 outlet ports (6 outlets @ .3 cc's, 3 outlets @ .6 cc's)  
 10 = 10 outlet ports (8 outlets @ .3 cc's, 2 outlets @ .6 cc's)  
 11 = 11 outlet ports (10 outlets @ .3 cc's, 1 outlet @ .6 cc's)  
 12 = 12 outlet ports (12 outlets @ .3 cc's)

#### Type of Distribution Block

O = Oil  
 G = Grease

#### Bearing Fittings

##### 5/16" (8mm) OD Nylon Tubing Fittings (These systems use IF3109-08-10 Block Fittings)

##### Plastic Push-In Fittings

01 = Straight 1/8" NPTM - (IF3175-08-11)  
 02 = Straight 1/4" NPTM - (IF3175-08-14)  
 03 = 90° - 1/8" NPTM - (IF3109-08-11)  
 04 = 90° - 1/4" NPTM - (IF3109-08-14)

##### Stainless Steel Push-In Fittings

SS1 = Straight 1/8" NPTM - (IF3805-08-11)  
 SS2 = Straight 1/4" NPTM - (IF3805-08-14)  
 SS3 = 90° - 1/8" NPTM - (IF3889-08-11)  
 SS4 = 90° - 1/4" NPTM - (IF3889-08-14)

##### 1/4" OD Nylon Tubing Fittings

(These systems use IF3109-56-10 Block Fittings)

51 = Straight 1/8" NPTM - (IF3175-56-11)  
 52 = Straight 1/4" NPTM - (IF3175-56-14)  
 53 = 90° - 1/8" NPTM - (IF3109-56-11)  
 54 = 90° - 1/4" NPTM - (IF3109-56-14)

##### 5/16" (8mm) OD Copper Tubing Compression Fittings

(These systems use IF3175-08-10CCP Block Fittings)

CC1 = Straight 1/8" NPTM - (IF3175-08-11CCP)  
 CC2 = Straight 1/4" NPTM - (IF3175-08-14CCP)  
 CC3 = 90° - 1/8" NPTM - (IF3109-08-11CCP)  
 CC4 = 90° - 1/4" NPTM - (IF3109-08-14CCP)

##### 1/4" OD Copper Tubing Compression Fittings

(These systems use IF3175-56-10CCP Block Fittings)

CC6 = Straight 1/8" NPTM - (IF3175-56-11CCP)  
 CC7 = Straight 1/4" NPTM - (IF3175-56-14CCP)  
 CC8 = 90° - 1/8" NPTM - (IF3109-56-11CCP)  
 CC9 = 90° - 1/4" NPTM - (IF3109-56-14CCP)

##### 5/16" (8mm) OD Steel Tubing Compression Fittings

(These systems use IF3175-08-10SCP Block Fittings)

SC1 = Straight 1/8" NPTM - (IF3175-08-11SCP)  
 SC2 = Straight 1/4" NPTM - (IF3175-08-14SCP)  
 SC3 = 90° - 1/8" NPTM - (IF3109-08-11SCP)  
 SC4 = 90° - 1/4" NPTM - (IF3109-08-14SCP)

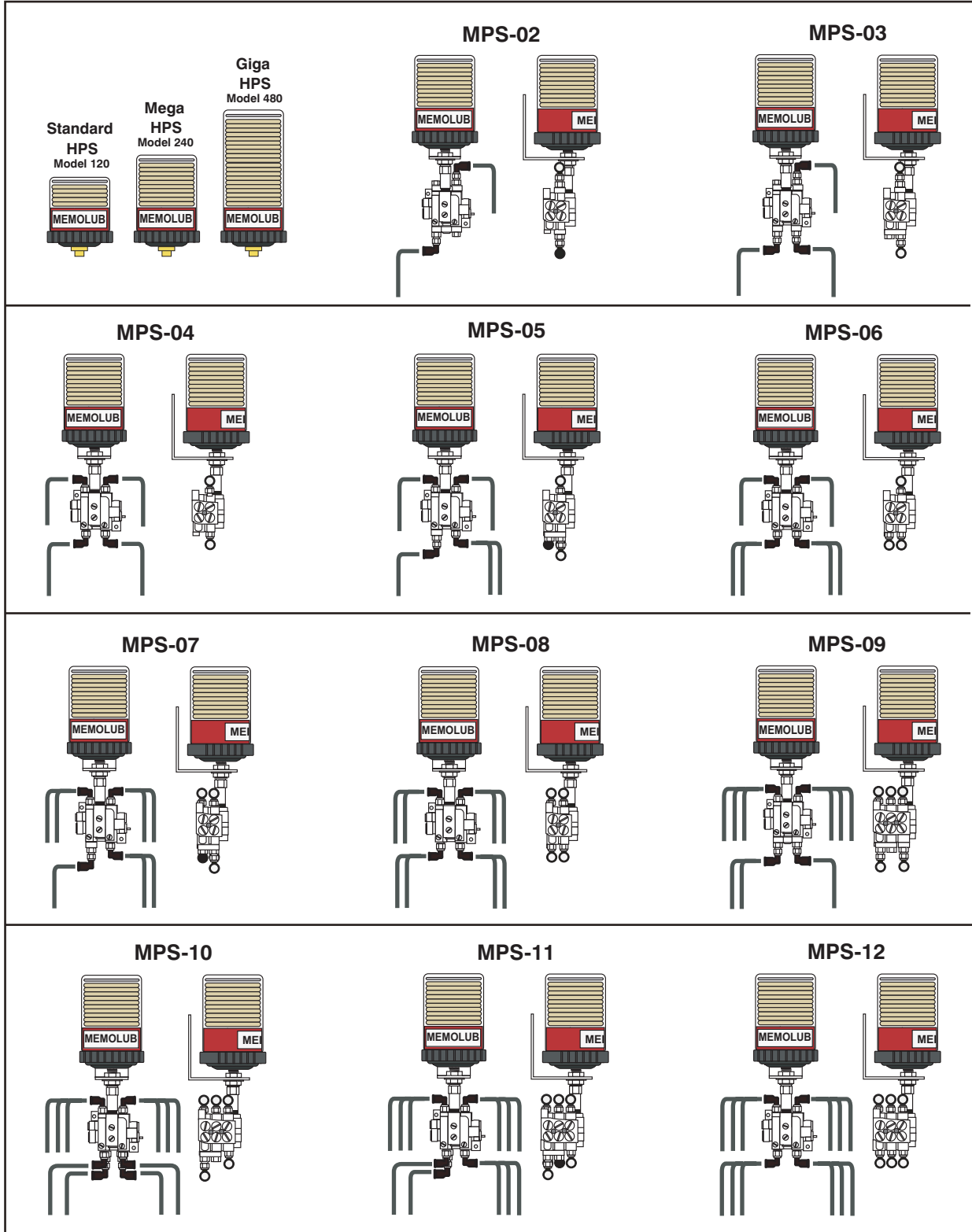
#### Example:

The part # MPS - 240 - R - 04 - G - 02 will be a Grease system with a 4 point distribution block, a Mega MEMOLUB® HPS Lubricator (Model 240 HPS) with straight bearing fittings having a 1/4" NPT Male thread.

#### Additional Ordering Information Required:

- MEMO Setting  
Lubricant output is determined by preprogramming the "MEMO" fitting. Please refer to the MEMOLUB® HPS Lubricator Installation Instructions for proper output settings.
- Lubricant required.

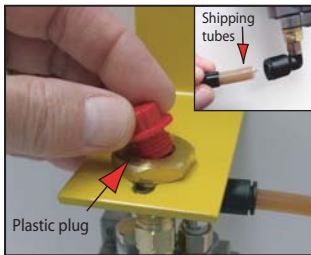
MEMOLUB® Multi-Point System Configurations



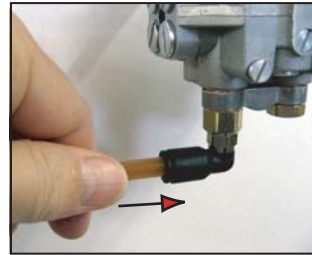
## MEMOLUB® Multi-Point System Installation Instructions

Before you install your MEMOLUB® Multi-Point System, first program the MEMO fitting (if not factory-set) for your required lubricant output by following the included programming chart. Next, follow the 9-step installation instructions below.

Our staff is available at 1-800-635-8170 to assist you with any installation questions you have.



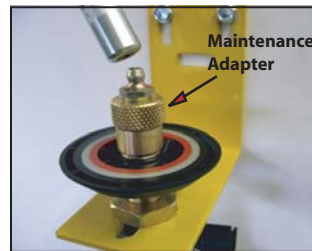
1. Remove the short shipping tubes from the ends of the distribution block fittings. Remove red plastic plug from the bulkhead fitting, which is attached to the mounting bracket.



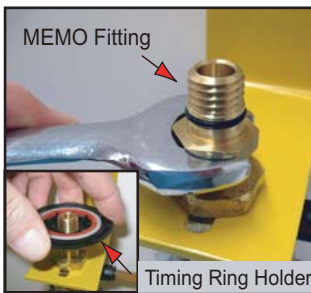
6. Cut tubing to desired lengths, using care to make square cuts. Insert the cut tubes into the distribution block fittings. If you are using pre-filled "Plug 'n Lube" tubing (supplied by PLI), proceed to Step 8.



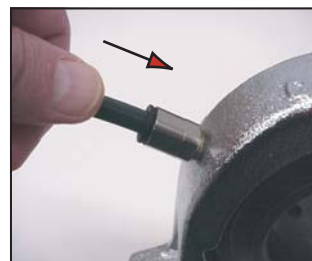
2. Mount the system in a convenient place that's easy to access.



7. To pre-charge empty tubing, screw the included maintenance adapter on to MEMO fitting. Apply a standard grease gun to adapter and slowly inject grease through the distribution block and tubing.



3. Screw the brass MEMO fitting onto the system inlet.
4. Gently press the black plastic timing-ring holder onto the brass MEMO fitting.



8. Insert the other end of the tubing into the bearing fittings.



5. Fasten the tube fittings onto bearings.



9. Screw MEMOLUB® HPS onto the brass MEMO fitting. You should hear the unit test fire. Your MEMOLUB® Multi-Point System is ready to go!