

DESCRIPTION

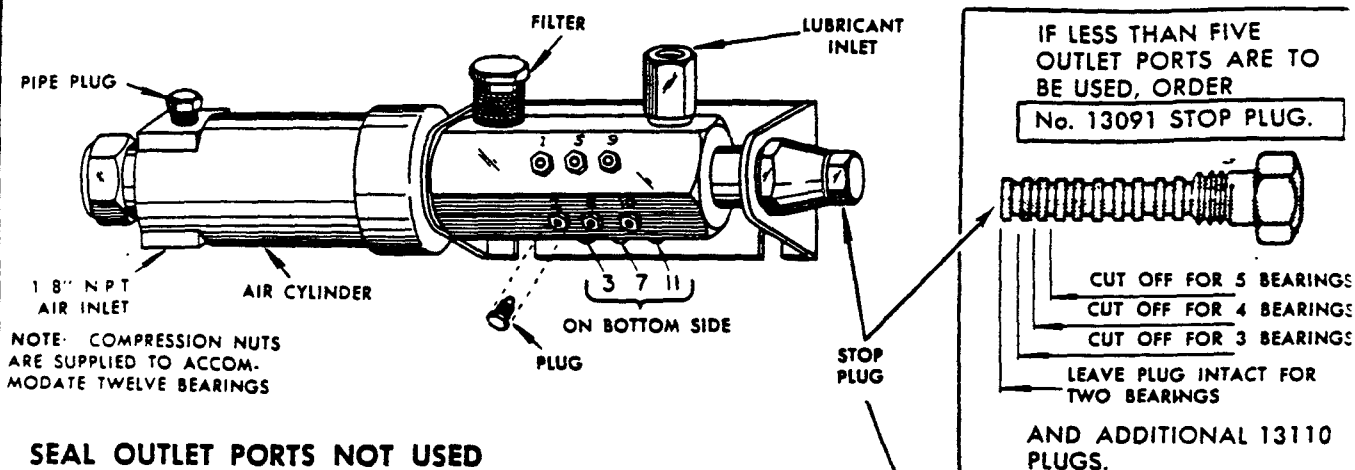
ENGINEERING STANDARD M-1

A controlled AIR SUPPLY of 50 P.S.I. minimum to 100 P.S.I. maximum is required to operate the MULTI-LUBER.

The LUBRICANT RESERVOIR must be positioned to provide a gravity flow to MULTI-LUBER. The MULTI-LUBER can be located in either a horizontal or vertical position, convenient for the installation of FEED LINES and centrally located in relation to the selected BEARINGS so FEED LINES can be of minimum length.

PREPARATION OF MULTI-LUBER PRIOR TO INSTALLATION

1. — Determine number and location of the BEARINGS that are to be lubricated with the MULTI-LUBER.
2. — Adjust the MULTI-LUBER to accommodate the number of BEARINGS selected.

**SEAL OUTLET PORTS NOT USED**

Seven 13110 PLUGS are included to seal seven OUTLET PORTS so a minimum of five BEARINGS can be accommodated. If less than five OUTLETS are required order 13091 STOP PLUG. OUTLET PORTS are sealed starting at No. 12.

- If eleven BEARINGS are to be lubricated, plug OUTLET PORT No. 12.
- If ten BEARINGS, plug PORTS No. 12 and 11.
- If nine BEARINGS, plug PORTS No. 12, 11 and 10.
- If eight BEARINGS, plug PORTS No. 12, 11, 10 and 9.
- If seven BEARINGS, plug PORTS No. 12, 11, 10, 9 and 8.
- If six BEARINGS, plug PORTS No. 12, 11, 10, 9, 8 and 7.
- If five BEARINGS, plug PORTS No. 12, 11, 10, 9, 8, 7 and 6.

PLUGS MUST BE TIGHT

Twelve COMPRESSION NUTS are included to accommodate a maximum of twelve BEARINGS.

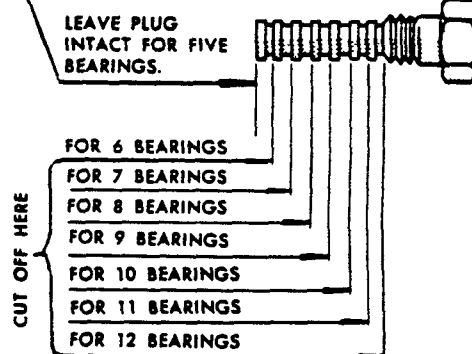
STOP PLUG

STOP PLUG to be removed from MULTI-LUBER and the correct number of SPACER STOPS cut off for the number of BEARINGS to be lubricated.

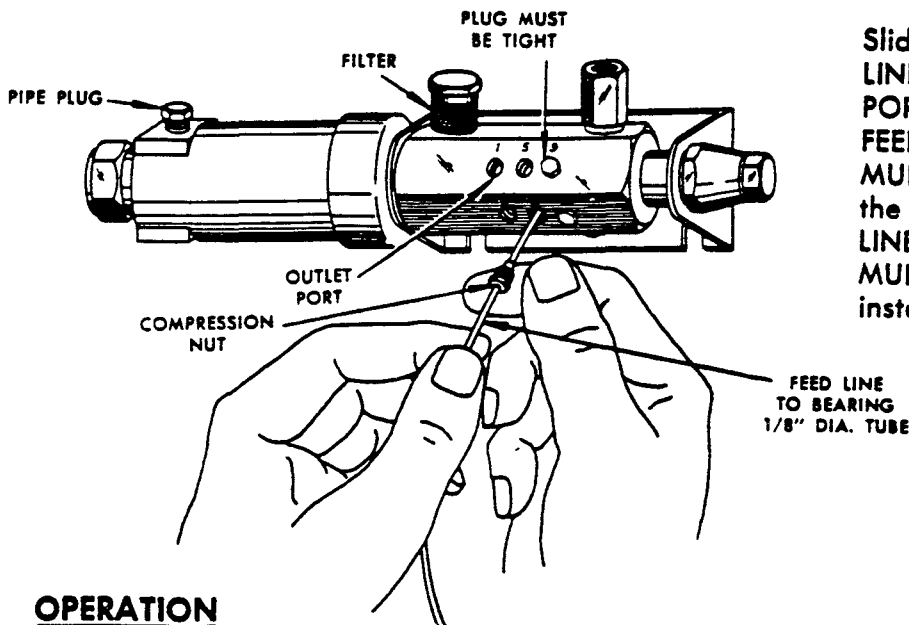
NOTE: Use a hacksaw for cut-off. File cut-off end square and smooth.

INSTALLATION

- START INSTALLATION OF FEED LINES AT THE BEARINGS.
- AVOID SHARP BENDS.
- KEEP FEED LINES AS SHORT AS POSSIBLE.
- GROUP AS MANY FEED LINES TOGETHER AS POSSIBLE
- USE FEED LINE CLAMPS.

ENGINEERING
STANDARD
M-151**LINCOLN ST. LOUIS**
4010 GOODFELLOW BLVD. - ST. LOUIS, MO 63120 - (314) 383-5900A DIVISION OF
McNEIL
CORPORATIONSECTION - C8
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FEED LINE CONNECTION TO MULTI-LUBER



Slide COMPRESSION NUT over FEED LINE. Insert FEED LINE into OUTLET PORT of MULTI-LUBER BODY. Hold FEED LINE securely against STOP in MULTI-LUBER BODY while tightening the COMPRESSION NUT. All FEED LINES must be connected to the MULTI-LUBER before RESERVOIR is installed.

OPERATION

- Lubricant is gravity fed from the RESERVOIR into the MEASURING CHAMBER of the MULTI-LUBER.
- Advance of the PLUNGER into the MEASURING CHAMBER permits the CROSS PORT of the PLUNGER to pass in succession the twelve OUTLET PORTS. The pressure behind the lubricant forces lubricant in equal quantities through each of the OUTLET PORTS and subsequently to the BEARINGS.

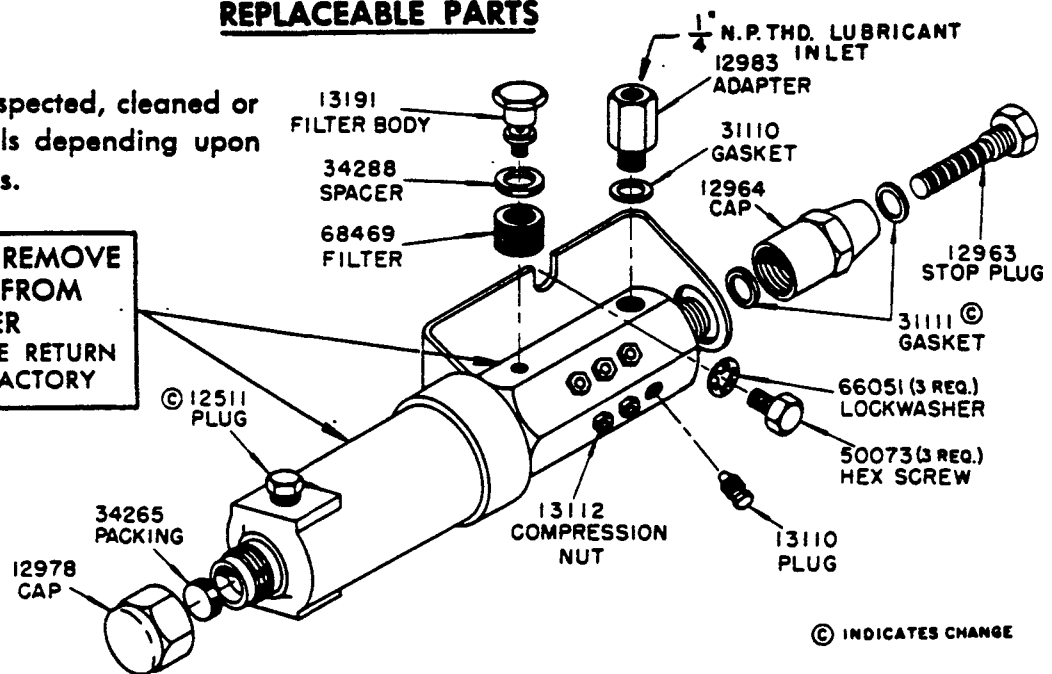
A severed FEED LINE cannot rob any other FEED LINE of its lubricant supply.

- As AIR PRESSURE is vented, MULTI-LUBER PLUNGER is spring-returned to its normal position permitting MEASURING CHAMBER to be recharged.

REPLACEABLE PARTS

FILTER should be inspected, cleaned or replaced at intervals depending upon operating conditions.

NOTE: DO NOT REMOVE AIR CYLINDER FROM MULTI-LUBER IN CASE OF FAILURE RETURN MULTI-LUBER TO FACTORY



© INDICATES CHANGE

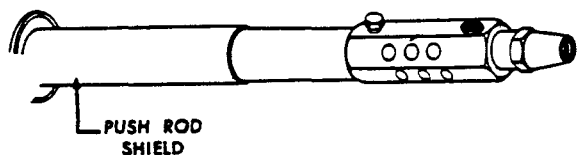
RETAIN THIS INFORMATION FOR FUTURE REFERENCE

When ordering Replacement Parts, List Part Numbers, Descriptions, Model Number, & Series Letter. LINCOLN ST. LOUIS — Provides a Distributor network that stocks equipment and replacement parts.

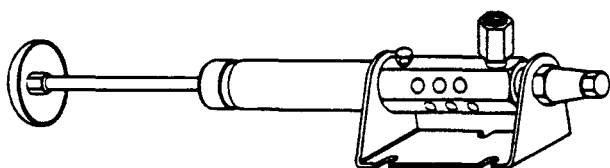
Repairs by Authorized Service Depts. List furnished upon request.

MANUALLY OPERATED PUMPS

Pumps adjustable from 2 to 12 outlets. Lubricant output .0025 ounces per outlet per stroke.



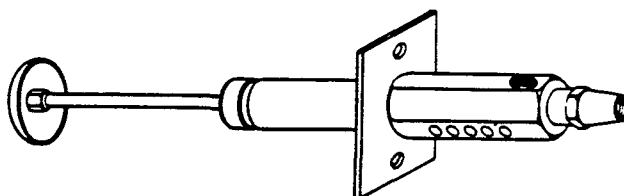
MODEL 83843-1 — Basic Multi-Luber Pump for 2 to 12 lubrication points. Used primarily for prototype installation work where maximum flexibility of application is desired. Does not include compression nuts, port plugs, reservoir adapter, stop plug or mounting bracket. Order these parts separately to meet prototype installation requirements. Lubricant inlet port has 7/16"-27 N.S. female thread for inlet adapter. Use 31110 Gasket between reservoir adapter selected and Multi-Luber body. Use 13112 Compression Nuts and 13110 Port Plugs.



MODEL 82485 — Complete Multi-Luber Pump for 5 to 12 lubrication points with mounting bracket as shown. Includes 14—13112 Compression Nuts, 7—13110 Port Plugs, 3—50073 Mounting Screws, 3—66051 Lock Washers, 1—12983 Lubricant Inlet Adapter and 1—31110 Inlet Adapter Gasket. 12983 Inlet Adapter has 1/4" N.P.T. female thread for reservoir connection. Universal stop plug 12963 included, must be cut off to match number of outlet ports used.

Pumps adjustable from 11 to 18 outlets. Lubricant output .0033 ounces per outlet per stroke.

MODEL 83844-1 — Basic Multi-Luber Pump for 11 to 18 lubrication points. Used primarily for prototype installation work where maximum flexibility of application is desired. Does not include compression nuts, port plugs, reservoir adapter, stop plug or mounting bracket. Order these parts separately to meet prototype installation requirements. Lubricant inlet port has 7/16"-27 N.S. female thread for inlet adapter. Use 31110 Gasket between reservoir adapter selected and Multi-Luber body. Use 66260 Compression Nuts and 12698 Port Plugs.



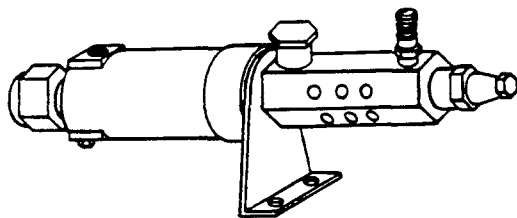
MODEL 83519A — Same as Model 83844-1 except includes 360253 Mounting Plate.

NOTE:

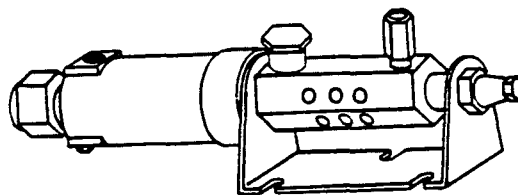
83844-1 IS N.L.A.

AIR OPERATED PUMPS — Lubricant output .0025 ounces per outlet per stroke.

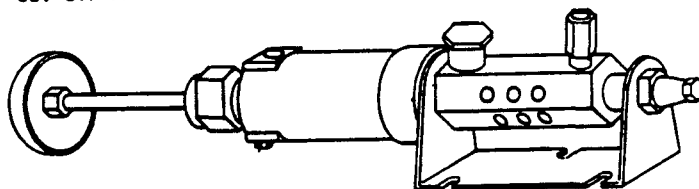
All models include a dust filter, and have a 1/8" N.P.T. female air inlet in the air cylinder.



MODEL 82697 — Air operated Multi-Luber pump for use where remote reservoir mounting is desired. Use Type 74000 lubricant hose to couple reservoir to Multi-Luber pump. Multi-Luber pump is same as Model 82486 except saddle type mounting bracket is replaced with cantilever type bracket 360110 as shown, and 12983 Inlet Adapter is replaced with 13118 Inlet Adapter to accommodate 74000 type hose. Use 68384 or 66942 Hose Clamps to connect hose to inlet adapter. Hose clamps and mounting screws not included.



MODEL 82486 — Air operated Multi-Luber pump for 5 to 12 lubrication points, complete with 14 — 13112 Compression Nuts, 7 — 13110 Port Plugs, 3 — 50073 Mounting Screws, 3 — 66051 Lock Washers, 12983 inlet adapter, 12963 universal stop plug and mounting bracket. 12983 inlet adapter has 1/4" N.P.T. female thread for reservoir connection. The 12963 stop plug must be cut off to match number of outlet ports used.



MODEL 82487 — Same as Model 82486 except includes push rod for manual operation. For use where it is desired to operate pump manually between automatic cycles or before machine is started. Push rod also serves as indicator of operation — moves forward with air piston during pump cycle.