

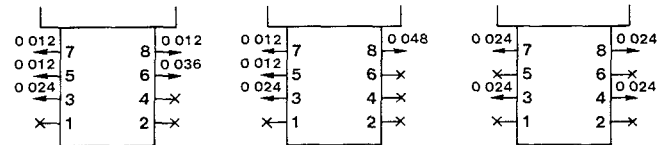
TYPE HPGO MANUALLY OPERATED SINGLE ACTING, EIGHT OUTLET OUTLET COMBINATIONS

SPECIFICATIONS:

- Maximum Operating Pressure:** 2300 psi (160 bar)
- Lube Outlets:** See Outlet Fittings
- NOTE:** 1/8" O.D. tubing may be used **only** if secondary SSV or SSVM divider valves are not used.
- Delivery Sequence:** 7, 5, 3, 1, 8, 6, 4, 2
- Reservoir Capacity:** 110 cu. in. (1.8 litre)
- Lubricant Output/Pump Cycle:** 0.10 cu. in. (1.60 cc)
- Lube Output/Outlet/Pump Cycle:** 0.012 cu. in. (0.20 cc)

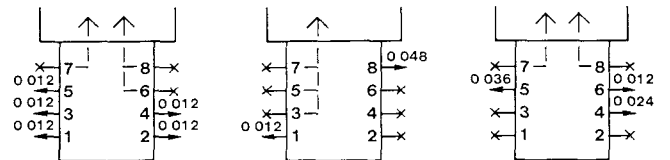
The lubricant output of one outlet is 0.012 cu. in. (0.20 cc) per piston stroke. When an outlet is closed using a closure plug, the lubricant output is automatically redirected internally and combined to the output of the next adjacent outlet in **ascending** numerical order, except when either outlet 7 and/or 8 is closed.

Examples:



When outlet 7 and/or 8 is closed, the output from either or both of these outlets, plus that of any immediately adjacent closed outlet, is automatically redirected internally to the pump reservoir.

Examples:



- ← Delivering Outlet (lubricant output in cu. in. per piston stroke)
- X Closed Outlet

NOTE: The outlet combination procedure for the Quicklub® pump is different than that for the Quicklub® divider valves. Refer to Service Page Section Q4, Page 1 Series for divider valve outlet combination procedure.

DESCRIPTION

The 604272121 Pump is used in a progressive type centralized lubrication system. It is a single stroke, spring return pump that is manually operated. It has a clear reservoir for visual inspection of oil level.

OPERATION

The pump is actuated by hand applying a smooth even force to the pump lever until it reaches its maximum travel. Relieving the downward pressure on the lever will allow it to return to its normal position by spring assistance.

IMPORTANT: Pump must be installed in vertical position.

TO FILL RESERVOIR

The reservoir is filled through the filler cap at the top of the reservoir. The strainer **MUST** be in place when filling the reservoir. Strainer should be removed and cleaned periodically.

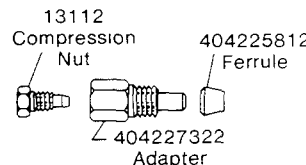
TO PRIME SYSTEM

Pump & Supply Lines: After reservoir has been filled with recommended lubricant, loosen vent screw locknut and open vent screw approximately one turn (Do Not Remove). Also, loosen supply line fittings. Operate pump until lubricant flows from vent screw, then tighten vent screw and locknut. Continue to operate pump until lubricant flows from threads of any loosened fitting and tighten fitting. Repeat procedure until fittings are tightened and supply lines are primed.

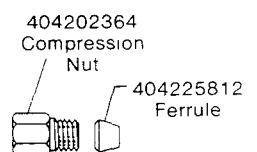
Feeder Lines: Fill each feeder line with lubricant before connecting to outlet of divider valve and bearing. This will prevent having to cycle each divider valve to fill line between divider valve and bearing.

OUTLET FITTINGS

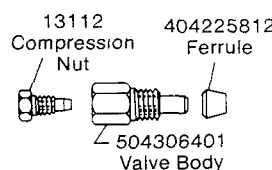
(Not Included, Must be ordered separately.)



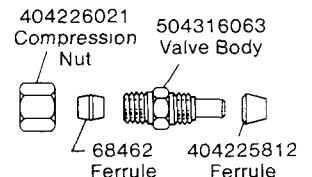
1/8" O.D. Tube Fitting



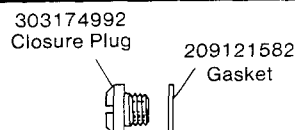
1/4" O.D. Tube Fitting



1/8" O.D. Tubing
Check Valve



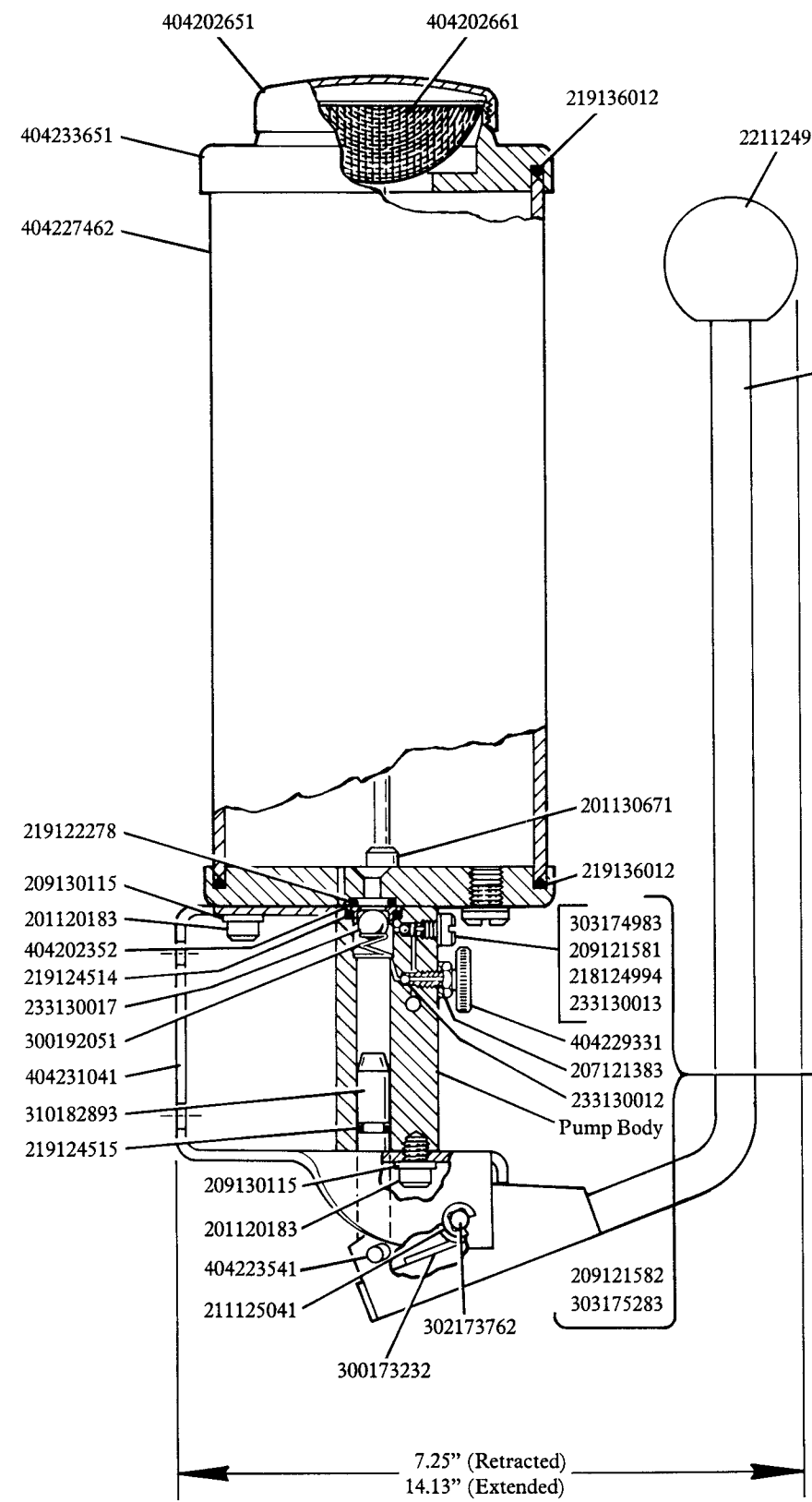
1/4" O.D. Tubing
Check Valve



Closure Plug

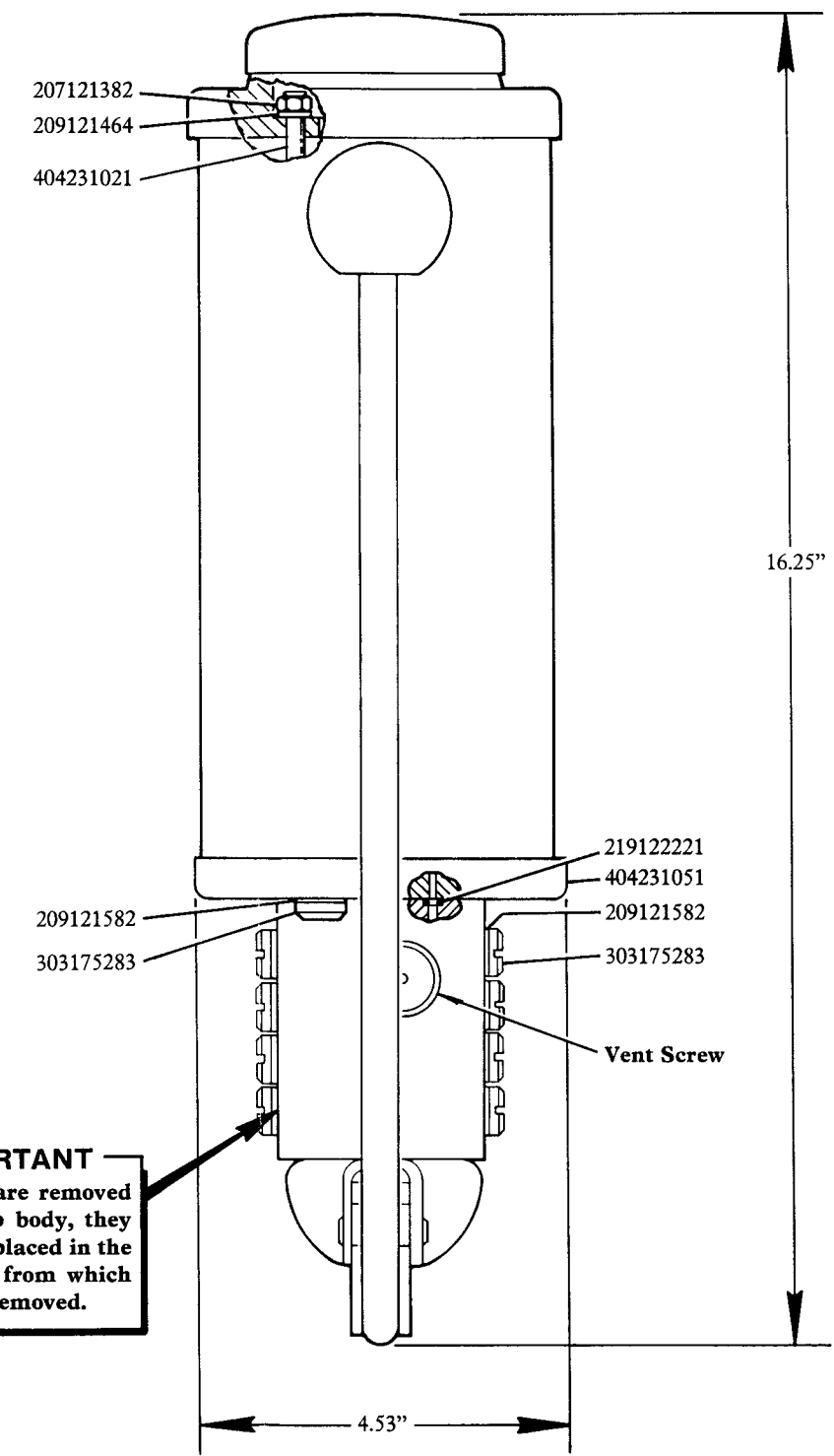
NOTE:

All tube fittings and closure plugs MUST be Quicklub® fittings to assure proper operation of pump.



**504303555
Pump Body
Assembly**

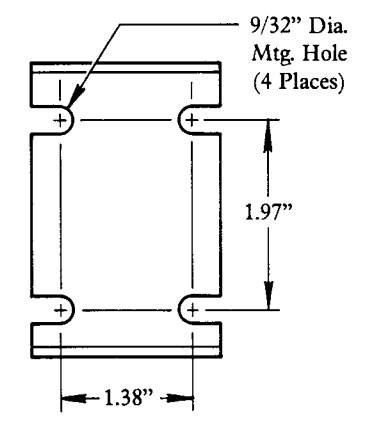
IMPORTANT
If pistons are removed
from pump body, they
must be replaced in the
same bore from which
they were removed.



SERVICE PARTS

Part	Qty.	Description
201120183	3	Hex socket screw
201130671	2	Hex socket screw
207121382	2	Nut
207121383	1	Locknut
209121464	2	Washer
209121581	1	Gasket (copper)
209121582	9	Gasket (copper)
209130115	3	Washer
211125041	2	Retaining ring
218124994	1	Spring
219122221	2	O-ring
219122278	1	O-ring
219124514	1	O-ring
219124515	1	O-ring
219136012	2	O-ring
221124961	1	Knob
233130012	1	Steel ball
233130013	1	Steel ball
233130017	1	Check valve ball
300173232	1	Handle spring
300192051	1	Spring
302173762	1	Handle pin
303174983	1	Closure plug
303175283	9	Closure plug
310182893	1	Piston
404202352	1	Check seat
404202651	1	Filler cap
404202661	1	Filter
404223541	1	Groove pin
404227462	1	Reservoir
404229331	1	Vent screw
404231021	2	Tie rod
404231041	1	Pump mounting bracket
404231051	1	Reservoir base
404233651	1	Reservoir cover
504303293	1	Handle
504303555	1	Pump body assembly

**MOUNTING
DIMENSIONS**



**Model 604265121
QUICKLUB® GREASE PUMP**

TROUBLESHOOTING

Problem	Solution
<p>1) Handle moves without resistance.</p> <p>2) Lubricant not delivered with pump stroke.</p>	<p>Lubricant reservoir empty - Check lubricant level in reservoir and fill if necessary.</p> <p>Pump is air locked - Vent air from the pump. Refer to instructions under To Prime System.</p>
<p>1) Unusual resistance felt in handle.</p>	<p>Blockage in delivery line -</p> <p>While maintaining slight pressure on handle, loosen fittings on pump body in turn and check for lubricant delivery. Then loosen fittings at divider valves or at lubrication points in turn until lubricant emerges from outlet to atmosphere and pump handle moves. This will indicate in which line the blockage has occurred. Clear blockage or replace delivery line if damaged. Tighten all loose fittings.</p> <p>If pump does not cycle after above procedure, remove 303175283 Closure Plugs from pump body and check pistons for movement using a small rod or tool. If any of the pistons will not move, replace 504303555 Pump Body Assembly. If all pistons move, refer to other troubleshooting procedures to disassemble and repair pump.</p>
<p>1) Oil leaking from under pump body.</p>	<p>219124515 O-ring worn or damaged - Remove one 211125041 Retaining Ring, 302173762 Handle Pin and 300173232 Handle Spring. Remove handle and piston assembly from pump. Replace 219124515 O-ring. Lubricate piston lightly with oil. Loosen vent screw locknut and open vent screw approximately one turn (Do Not Remove) and install piston. Reassemble handle to pump with spring, pin and retaining ring. Operate pump until lubricant flows from vent screw, then tighten vent screw and locknut.</p>
<p>1) Oil leaking between reservoir and reservoir base.</p>	<p>219136012 O-ring worn or damaged - With reservoir empty, unscrew two 207121382 Nuts and remove reservoir. Replace 219136012 O-ring in reservoir base. Reassemble reservoir to base and secure with two 207121382 Nuts.</p>
<p>1) Oil leaking between pump body and reservoir base.</p> <p>2) Handle moves without resistance.</p> <p>3) Lubricant not delivered with pump stroke.</p>	<p>219124514 O-ring, 219122278 O-ring or 219122221 O-rings worn or damaged - or</p> <p>233130017 Check Valve Ball and 404202352 Check Seat dirty, worn or damaged -</p> <p>With reservoir empty, unscrew two 207121382 Nuts and remove reservoir. Unscrew two 201130671 and two 201120183 Hex Socket Screws and remove reservoir base. Disassemble suction valve and replace 219124514 O-ring. Clean and inspect 233130017 Check Valve Ball and 404202352 Check Seat, replace if worn or damaged. Replace two 219122221 O-rings in pump body and 219122278 O-ring in reservoir base and assemble base to pump body with two 201130671 Hex Socket Screws.</p> <p>IMPORTANT: Pump body must be flush with reservoir base.</p> <p>Fasten pump mounting bracket to reservoir base with two 201120183 Hex Socket Screws. Reassemble reservoir to base.</p>

RETAIN THIS INFORMATION FOR FUTURE REFERENCE

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN provides a Distributor Network that stocks equipment and replacement parts.