

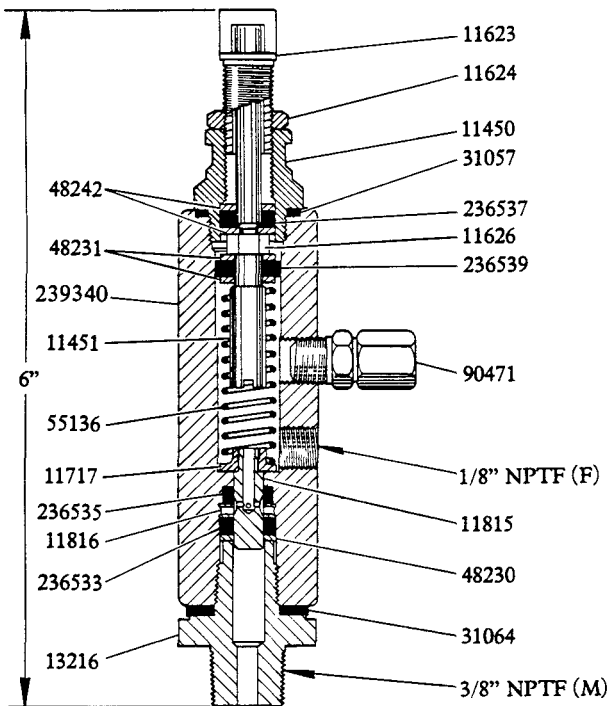
**SPECIFICATIONS**

- MINIMUM OPERATING PRESSURE ..... 1850 psi
- MAXIMUM OPERATING PRESSURE..... 3500 psi
- RECOMMENDED OPERATING PRESSURE ..... 2500 psi
- RECHARGE PRESSURE..... 600 psi
- LUBRICANT OUTPUT ..... Adjustable from .008 cu. in. to .08 cu. in.

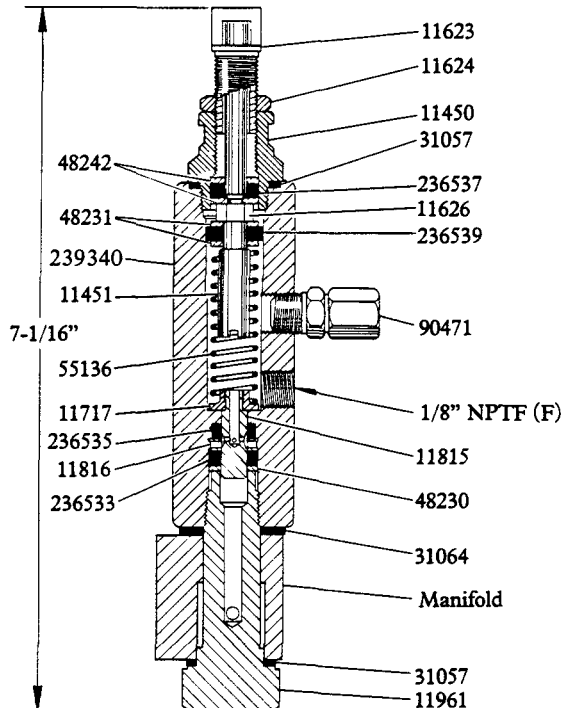
Injectors can be mounted in any position and may be used in circuits with SL-32 and/or SL-33 Injectors.

For dispensing oil or grease not to exceed N.L.G.I. Grade No. 1

**WITH VITON PACKINGS**  
**SINGLE AND MANIFOLD TYPE**



**MODEL 84763**  
**SINGLE UNIT INJECTOR**



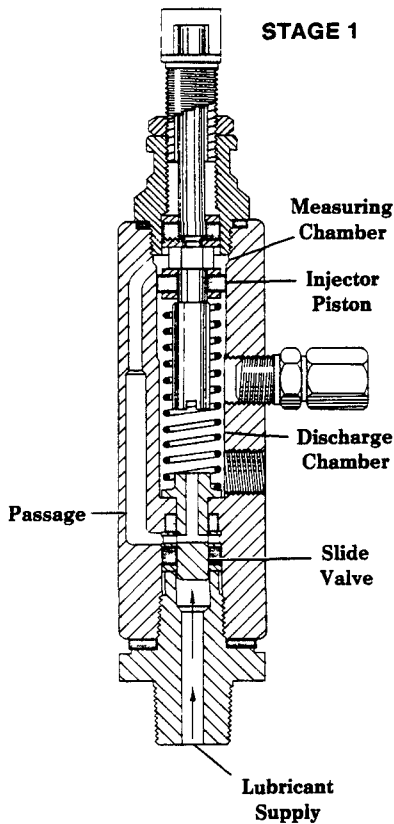
**MODEL 84762**  
**REPLACEMENT INJECTOR**

**SERVICE PARTS**

Part	Qty.	Description	Part	Qty.	Description
11450	1	Piston stop plug	31064	1	Adapter gasket
11451	1	Piston rod extension	48230	1	Washer
11623	1	Adjusting nut	48231	2	Piston packing washer
11624	1	Locknut	48242	2	Washer
†11626	1	Piston rod assembly	†55136	1	Plunger spring
11717	1	Spring seat	90471	1	Fitting assembly
†11815	1	Plunger	*†236533	1	Packing
11816	1	Inlet disc	*†236535	1	Packing
11961	1	Adapter bolt	*†236537	1	Packing
13216	1	Adapter	*†236539	1	Packing
31057	2	Gasket	239340	1	Injector body

\* Included in 236540 Packing kit

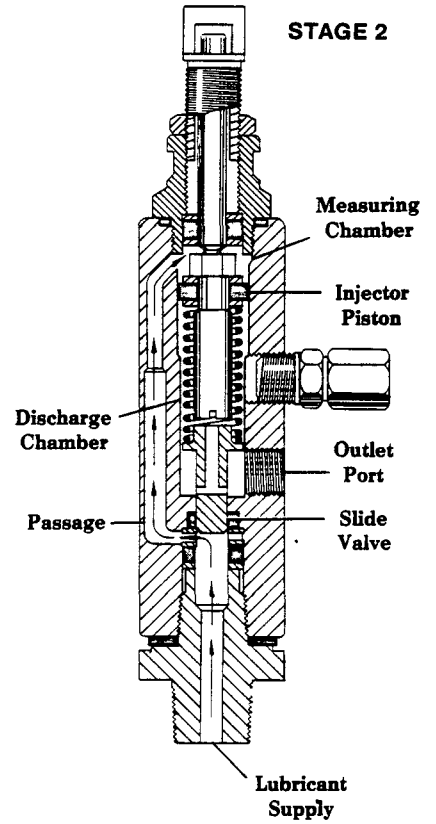
† Included in 236541 Repair kit.



## OPERATION

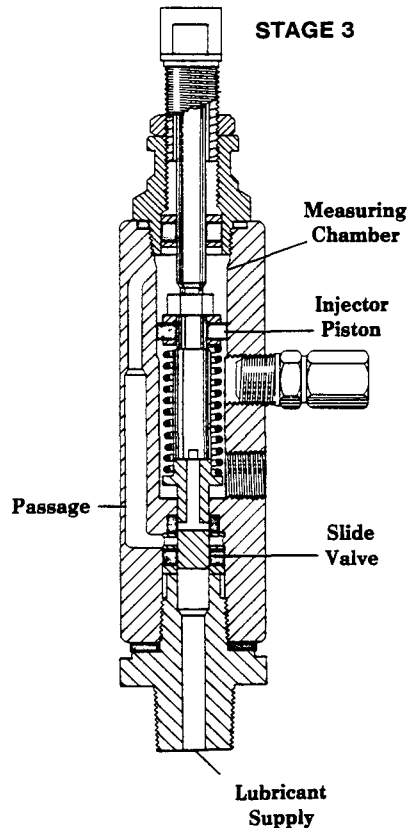
### STAGE 1

The injector piston is in its normal or rest position. The discharge chamber is filled with lubricant from the previous cycle. Under the pressure of incoming lubricant, the slide valve is about to open the passage leading to the measuring chamber above the injector piston.



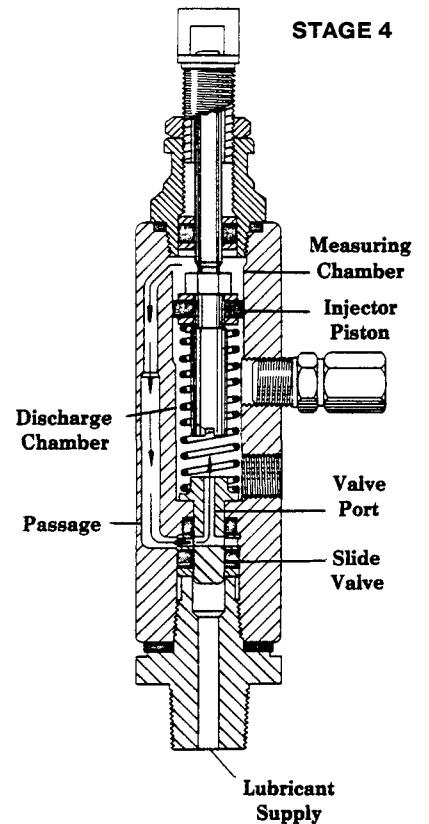
### STAGE 2

When the slide valve uncovers the passage, lubricant is admitted to the measuring chamber above the injector piston which forces lubricant from the discharge chamber through the outlet port to bearing.



### STAGE 3

As the injector piston completes its stroke, it pushes the slide valve past the passage, cutting off further admission of lubricant to the passage and measuring chamber. The injector piston and slide valve remain in this position until lubricant pressure in the supply line is vented (relieved at the pump).



### STAGE 4

After venting, the injector spring expands, causing the slide valve to move, so that the passage and discharge chamber are connected by a valve port. Further expansion of the spring causes the piston to move upward, forcing the lubricant in the measuring chamber through the passage and valve port to refill the discharge chamber.

Injector is now ready for next cycle.

**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.