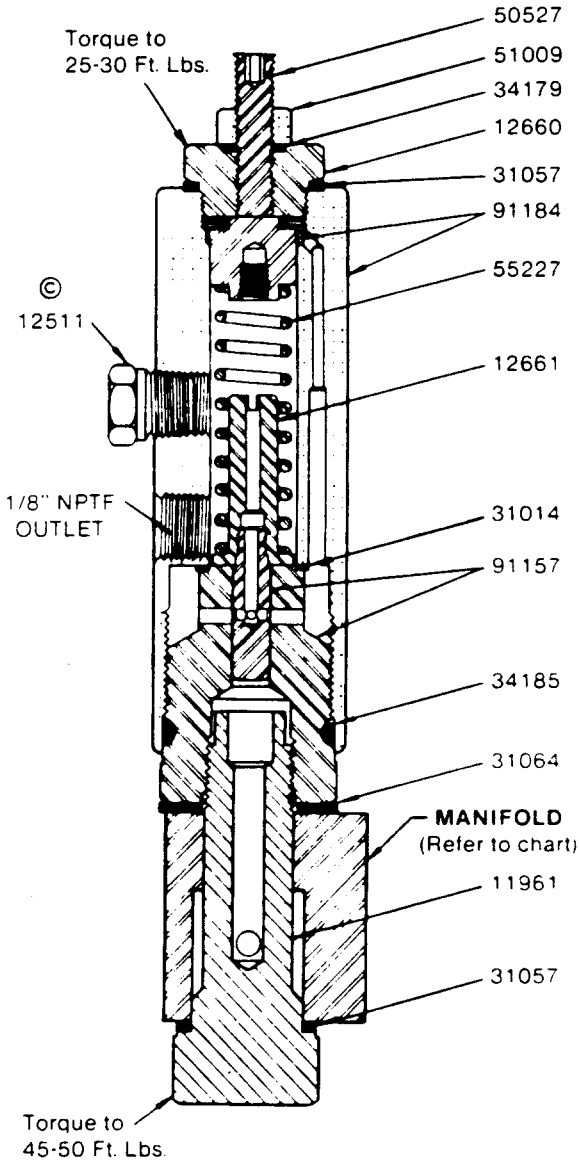


SPECIFICATIONS:

Maximum operating pressure - 1,000 psi
Normal operating pressure - 850 psi
Maximum vent (recharge) pressure - 150 psi
Lubricant output is adjustable from .008 cu. in. to .08 cu. in.
Injectors can be mounted in any position and can be used in circuits with SL-42, SL-43 and SL-44 Injectors.

SERVICE PARTS

Part	Qty.	Description
11961	1	Adapter bolt
12511	1	Plug
12660	1	Piston stop
12661	1	Spring seat
31014	1	Gasket -
31057	2	Gasket
31064	1	Gasket
34179	1	O-ring
34185	1	O-ring
50527	1	Set screw
51009	1	Hex nut
55227	1	Spring
91157	1	Bushing and plunger assembly
91184	1	Piston and injector body assembly

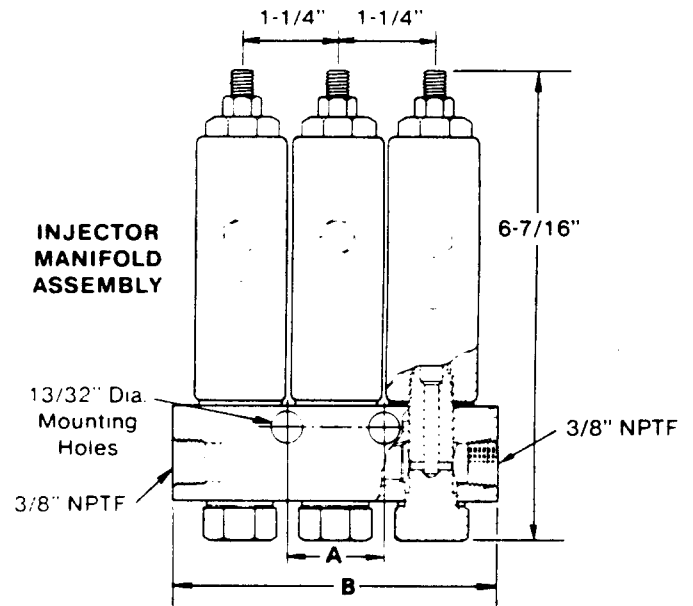


**82295 INJECTOR
USED WITH MANIFOLDS**

MANIFOLD TYPE INJECTORS

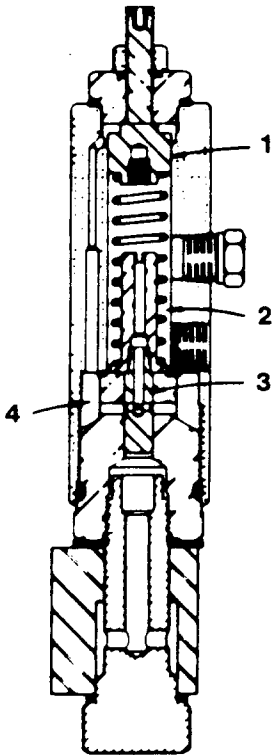
Model	Type	Dimensions		Manifold
		A	B	
82294-1	Single injector manifold	**	2-1/2"	12658
82294-2	Two injector manifold	**	3"	11962
82294-3	Three injector manifold	1-1/4"	4-1/4"	11963
82294-4	Four injector manifold	2-1/2"	5-1/2"	11964
82294-5	Five injector manifold	3-3/4"	6-3/4"	11965

** Single mounting hole.



© Indicates Change

STAGE 1



OPERATION

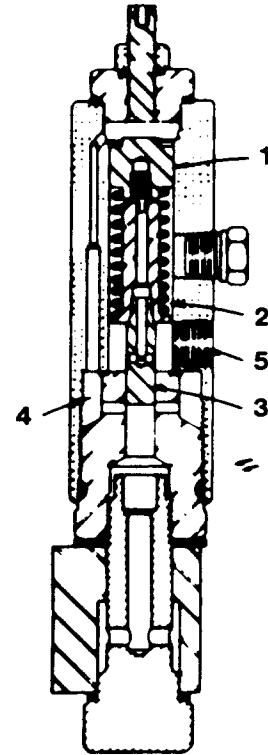
STAGE 1

1. Piston (1) at rest in normal position.
2. Measuring Chamber (2) filled with lubricant from previous cycle (not under pressure).
3. Slide Valve (3) about to open under pressure of lubricant and uncover passage (4) leading to Piston.

STAGE 2

1. Slide Valve (3) has now uncovered passage (4) admitting lubricant.
2. Lubricant, under pressure, forces Piston (1) down.
3. Piston (1) forces lubricant from Measuring Chamber (2) through Outlet Port (5).

STAGE 2



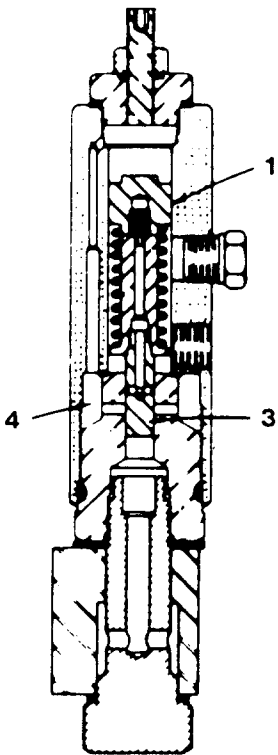
STAGE 3

1. Piston (1) has completed full stroke. Slide Valve (3) has been forced down, cutting off further admission of lubricant to passage (4).
2. Piston and Slide Valve remain in this position until lubricant pressure in the supply line is relieved by the Vent Valve.

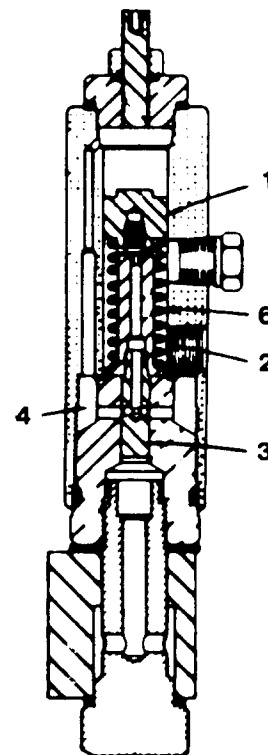
STAGE 4

1. Lubricant pressure in the supply line has now been relieved by the Vent Valve.
2. Spring (6) expands causing Slide Valve (3) to move downward so that passage (4) and Measuring Chamber (2) are connected through Valve Port.
3. Spring (6) causes piston (1) to move upward forcing lubricant through passage (4) to refill Measuring Chamber (2)

STAGE 3



STAGE 4



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.