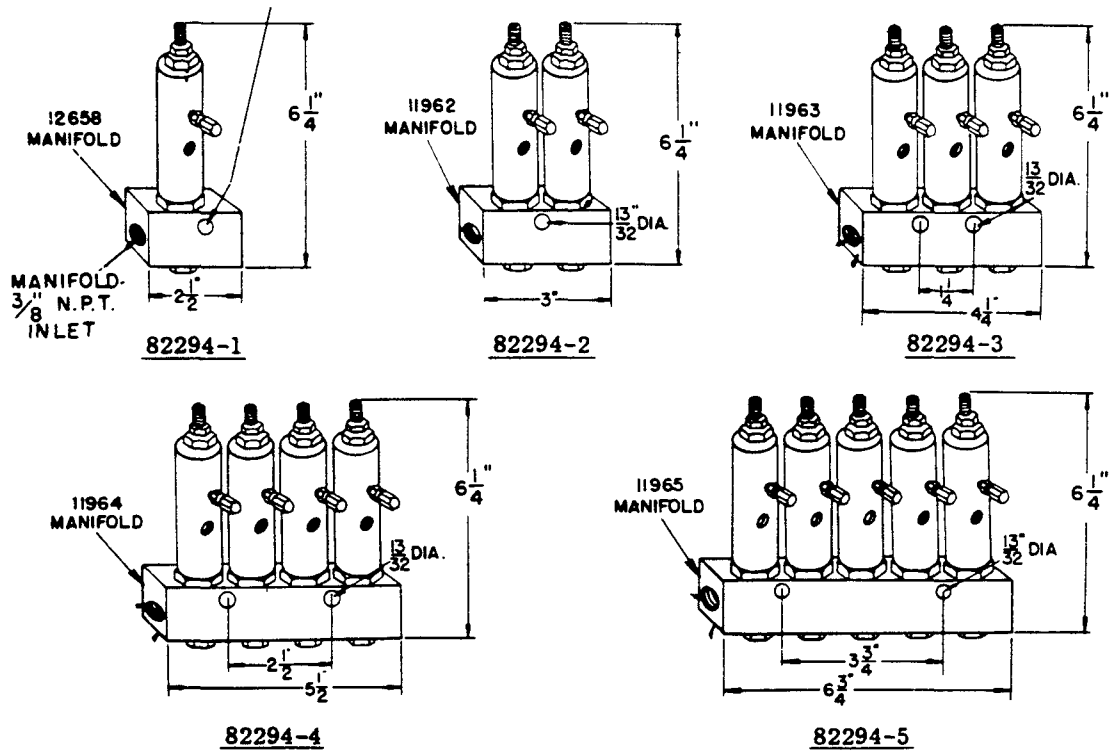


MANIFOLD SERIES

$1\frac{3}{32}$ " DIA. HOLES FOR A $\frac{3}{8}$ " DIA. SCREW
USE $\frac{5}{16}$ " DIA. DRILL AND $\frac{3}{8}$ "-16 TAP TO INSTALL

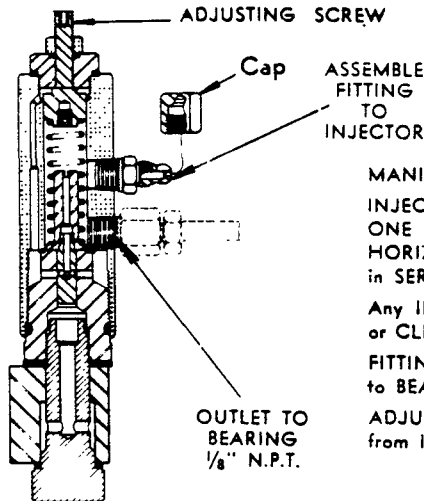


PART NUMBER SUFFIX INDICATES NUMBER OF INJECTORS.
MANIFOLDS ARE TAPPED $\frac{3}{8}$ " N.P.T. AT EACH END.

© Indicates Change

SL-41 SERIES INJECTORS

LUBRICANT OUTPUT ADJUSTABLE
UP TO .04 OUNCES



MANIFOLD TAPPED 3/8" N.P.T. INJECTOR OUTLET TAPPED 1/8" N.P.T.

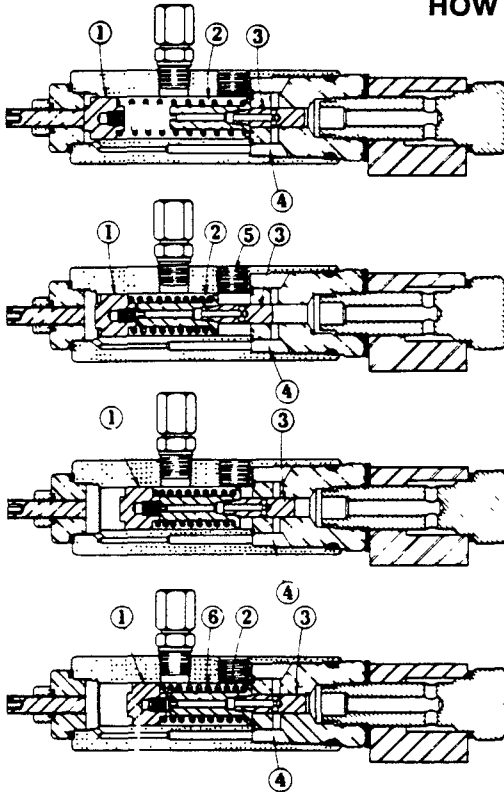
INJECTOR MANIFOLD may be connected in SERIES with a SHORT NIPPLE or mounted ONE above the OTHER in PARALLEL arrangement. Can be MOUNTED on VERTICAL or HORIZONTAL SURFACES. Any combination of MANIFOLD UNITS can be connected in SERIES as described.

Any INDIVIDUAL INJECTOR in the MANIFOLD can be easily removed for INSPECTION or CLEANING without disconnecting the SUPPLY LINE.

FITTING with SCREW TYPE COVER CAP is used for initial FILLING of FEEDER LINE to BEARING.

ADJUSTING SCREW permits MANUAL ADJUSTMENT of LUBRICANT DISCHARGE from INJECTOR.

HOW THE INJECTOR OPERATES



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) to right.
3. Piston (1) forces lubricant from Measuring Chamber (2) through outlet port (5).

STAGE 3

1. Piston (1) has completed full stroke. Slide Valve (3) has been forced to right 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 to the extreme right so that passage (4) and Measuring Chamber (2) are connected through Valve Port.
3. Spring (6) causes piston (1) to move to extreme left forcing lubricant through passage (4) to refill Measuring Chamber (2).

REPAIR PARTS LIST

Part	Description	Part	Description	Part	Description
11961	Adapter Bolt	31064	Gasket	82294-3	Three Unit Manifold Injector (SL-41)
11962	Manifold (SL-41)	34179	"O" Ring	82294-4	Four Unit Manifold Injector (SL-41)
11963	Manifold (SL-41)	34185	"O" Ring	82294-5	Five Unit Manifold Injector (SL-41)
11964	Manifold (SL-41)	50527	1/4"-28 Set Screw	82295	Manifold Type Injector Assembly
11965	Manifold (SL-41)	51009	1/4"-28 Nut	90471	Fitting Assembly
12658	Manifold (SL-41)	55227	Spring	91157	Bushing and Plunger Assembly
12660	Piston Stop	82294-1	One Unit Manifold Injector (SL-41)	91184	Piston and Injector Body Assembly
12661	Spring Seat	82294-2	Two Unit Manifold Injector (SL-41)		
31014	Gasket				
31057	Gasket				

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.