

### HEAT RESISTANT FOR DISPENSING OIL ONLY

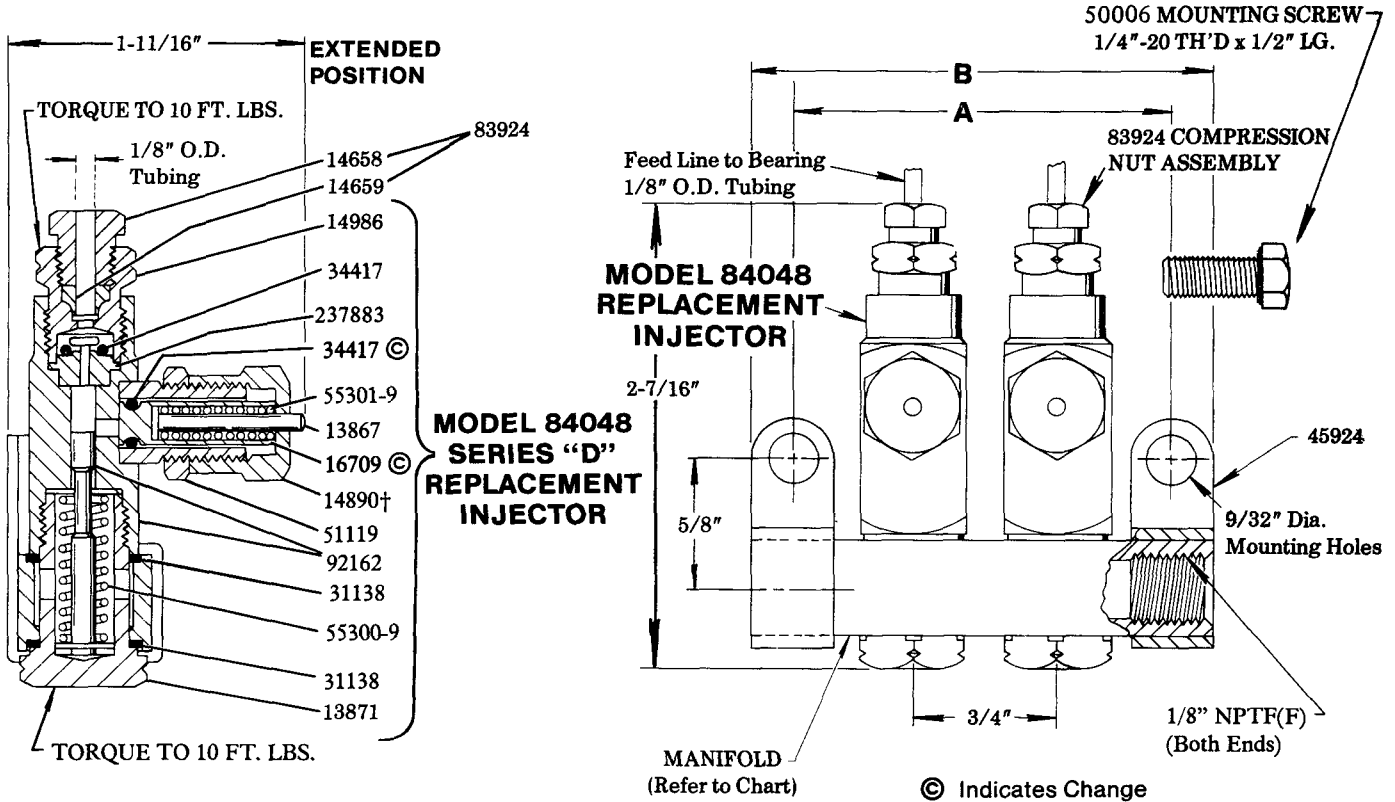
#### SPECIFICATIONS

**OUTPUT:** ..... Adjustable from .001 cu. in. to .003 cu. in.  
**OPERATING PRESSURE:**..... 750 psi to 1000 psi  
**RECOMMENDED OPERATING PRESSURE:**... 850 psi  
**RECHARGE PRESSURE:** ..... 150 psi  
**WORKING TEMPERATURE:**..... 350° F Max.

† Black finish indicates Heat Resistant Injector

#### MANIFOLD CHART

Description	Model	Manifold	Dimensions	
			A	B
1 Unit	84428-1	91863-1	1-1/8"	1-5/8"
2 "	84428-2	91864-1	1-7/8"	2-3/8"
3 "	84428-3	91865-1	2-5/8"	3-1/8"
4 "	84428-4	91866-1	3-3/8"	3-7/8"
5 "	84428-5	14361	4-1/8"	4-5/8"
6 "	84428-6	91976-1	4-7/8"	5-3/8"
8 "	84428-8	14291	6-3/8"	6-7/8"
10 "	84428-10	14312	7-7/8"	8-3/8"
15 "	84428-15	14253	11-5/8"	12-1/8"
18 "	84428-18	14332	13-7/8"	14-3/8"



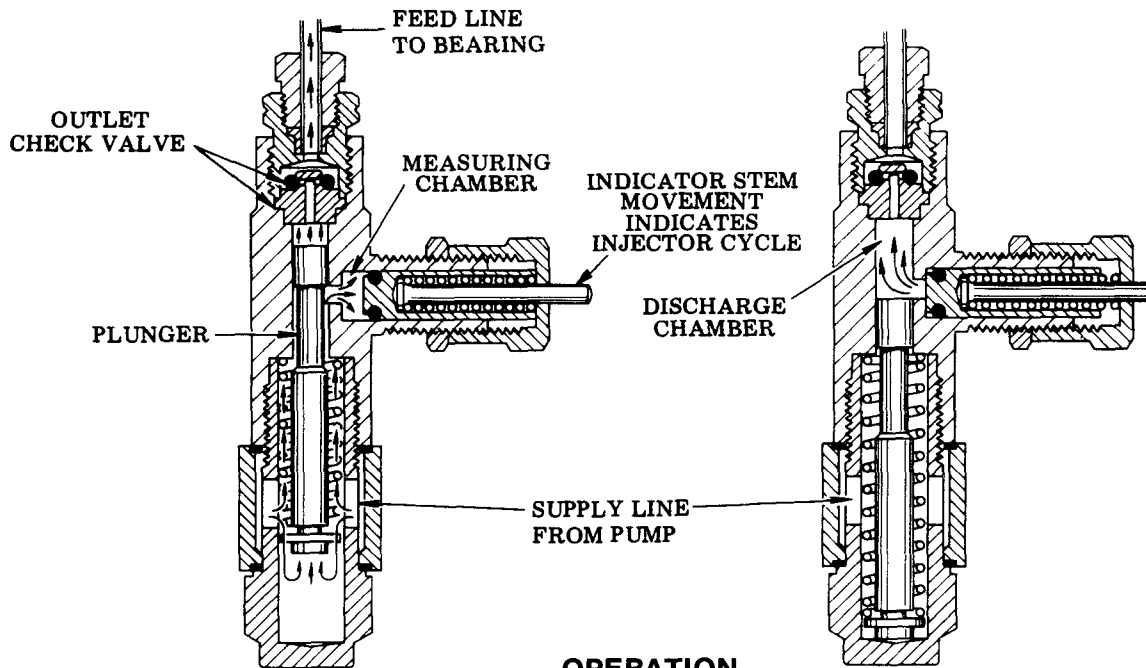
#### SERVICE PARTS

Part	Qty.	Description	Part	Qty.	Description
13867	1	Injector indicator	45924	2	Manifold mounting clip
13871	1	Adapter	50006	2	Mounting screw
14658	1	Compression nut	51119	1	Locknut
14659	1	Ferrule	55300-9	1	Spring
14890	1	Injector cap	55301-9	1	Spring
14986	1	Outlet body	83924	1	Compression nut ass'y.
16709	1	Packing retainer	92162	1	Body & plunger ass'y.
31138	2	Gasket	237883	1	Outlet seat
34417	2	O-ring (Viton)			

#### NOTE:

When replacing old style flat packing with 34417 O-ring, a new 16709 Packing Retainer must be installed.

Part 16709 is "Silver colored".



**OPERATION**

**SUPPLY LINE UNDER PRESSURE**

(Normal operating pressure 850 psi)

Lubricant pressure moves plunger to force lubricant in the discharge chamber through the outlet check valve to the feed line.

Lubricant from supply line charges the measuring chamber.

**SUPPLY LINE VENTED**

(Vent pressure 150 psi maximum)

Plunger returns to normal position after supply line is vented, connecting measuring chamber to the discharge chamber. Flow from feed line is blocked by the outlet check valve.

Lubricant is automatically transferred from measuring chamber to discharge chamber.

**INJECTOR ADJUSTMENT**

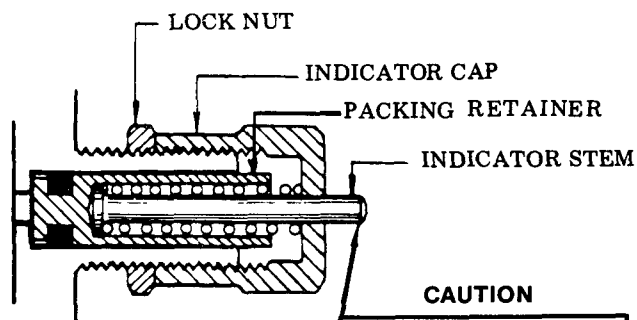
Injector output is controlled by the position of the indicator cap which limits the travel of the packing retainer.

With the indicator cap hand tightened against its stop, the lubricant output is decreased to a minimum.

Retracting the indicator cap two full turns permits a maximum of .003 cu. in. to be dispensed.

Retracting the indicator cap beyond two full turns will not increase the lubricant output.

When the injector has been adjusted for the proper lubricant output, the lock nut is tightened against the face of the indicator cap.



**CAUTION**

INDICATOR CAP MUST NOT EXTEND BEYOND RETRACTED POSITION OF INDICATOR STEM

**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.