Model Nos. 84048, 84428
SL-42 INJECTOR
Series "E"

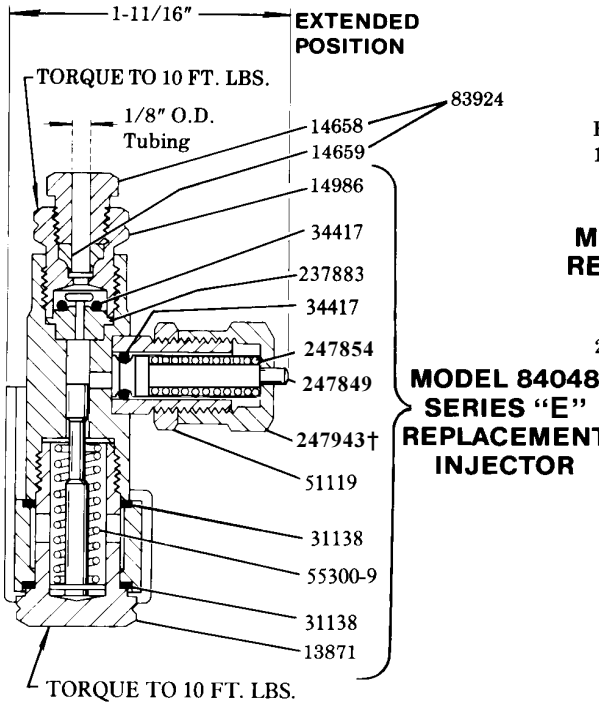
HEAT RESISTANT
FOR DISPENSING OIL ONLY
SPECIFICATIONS

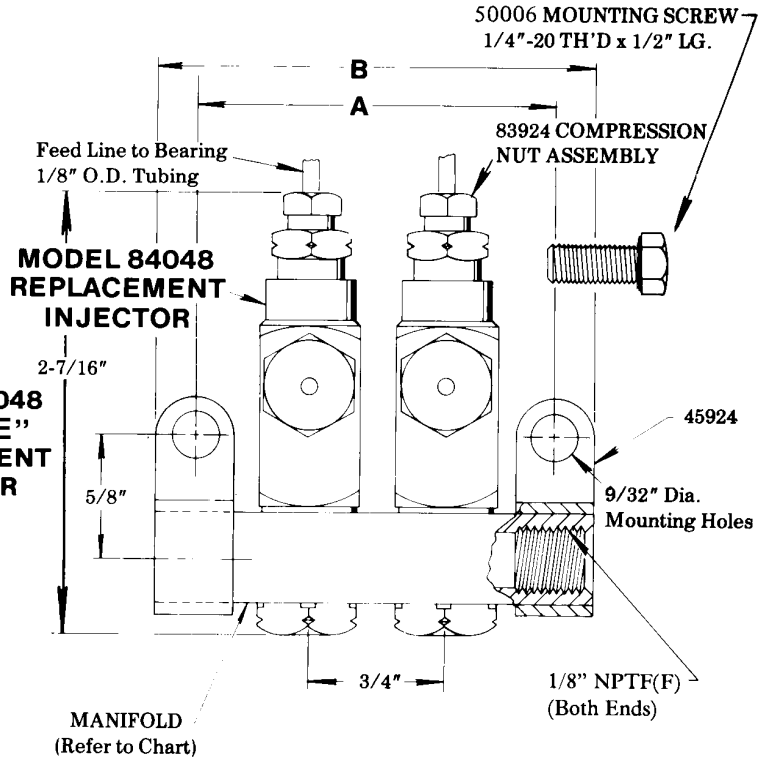
OUTPUT:.....Adjustable from .001 cu. in. to .003 cu. in.
OPERATING PRESSURE:.....750 psi to 1000 psi
RECOMMENDED OPERATING PRESSURE:.....850 psi
RECHARGE PRESSURE:.....150 psi
WORKING TEMPERATURE:.....350°F Max.

† Black finish indicates Heat Resistant Injector

MANIFOLD CHART

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





SERVICE PARTS

Model	Qty.	Description	Model	Qty.	Description
13871	1	Adapter	51119	1	Locknut
14658	1	Compression nut	+*55300-9	1	Spring
14659	1	Ferrule	83924	1	Compression nut ass'y.
14986	1	Outlet body	+*237883	1	Outlet seat
+*31138	2	Gasket	+ 247849	1	Piston
+*34417	2	O-ring (Viton)	+*247854	1	Spring
45924	2	Manifold mounting clip	+ 247943	1	Injector Cap
50006	2	Mounting screw			

NOTE: Injectors from previous series can be improved with stenciled cap and single piece piston by use of 247956 upgrade kit.

*Included in 247961 Repair Kit +Included in 247956 Upgrade Kit

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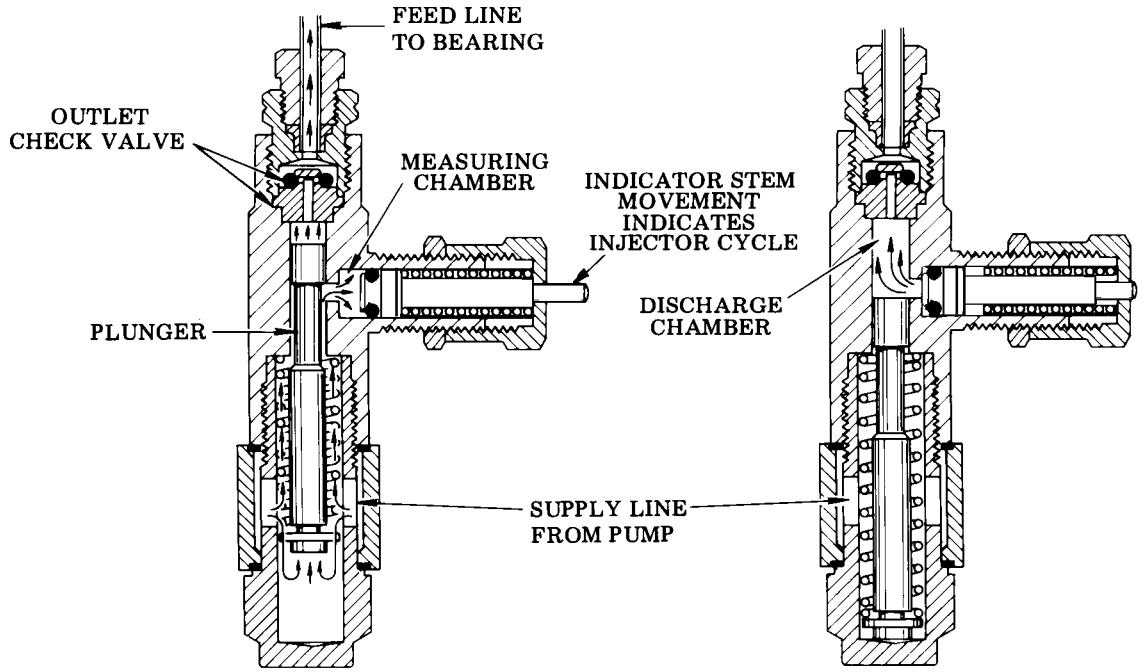


OPERATION

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.

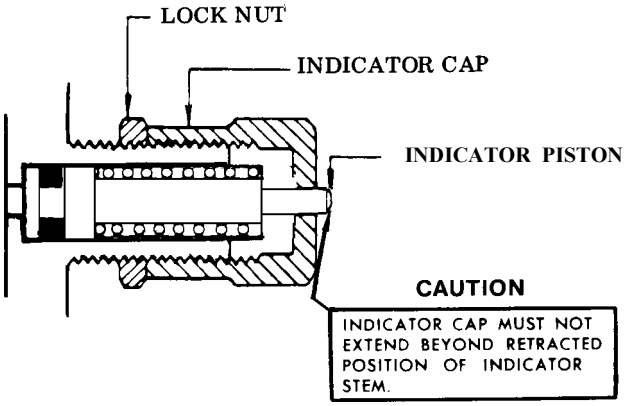
INJECTOR ADJUSTMENT©

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

To achieve the advertised min. output setting (.001 cu. in.) hand tighten the indicator cap against it's stop then loosen approx. ½ turn. NOTE: any output setting below ½ turn should be monitored to verify actual output volume.

Retracting the indicator cap two full turns form the hand tight position permits a max. output of .003 cu. in. to be dispensed. Use the graduations on the cap as an aid in setting the indicator.

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



© Indicates change

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.