

HEAT RESISTANT

FOR DISPENSING OIL ONLY

SPECIFICATIONS

OUTPUT.....Adjustable from .001 cu. in. to .008 cu. in.

OPERATING PRESSURE:.....750 psi to 1000 psi

RECOMMENDED OPERATING PRESSURE..... 850 psi

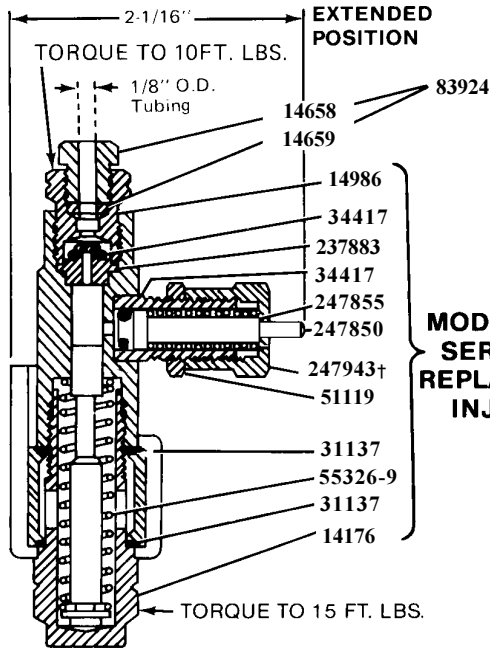
RECHARGE PRESSURE:.....150 psi Max.

WORKING TEMPERATURE:.....350 F. Max.

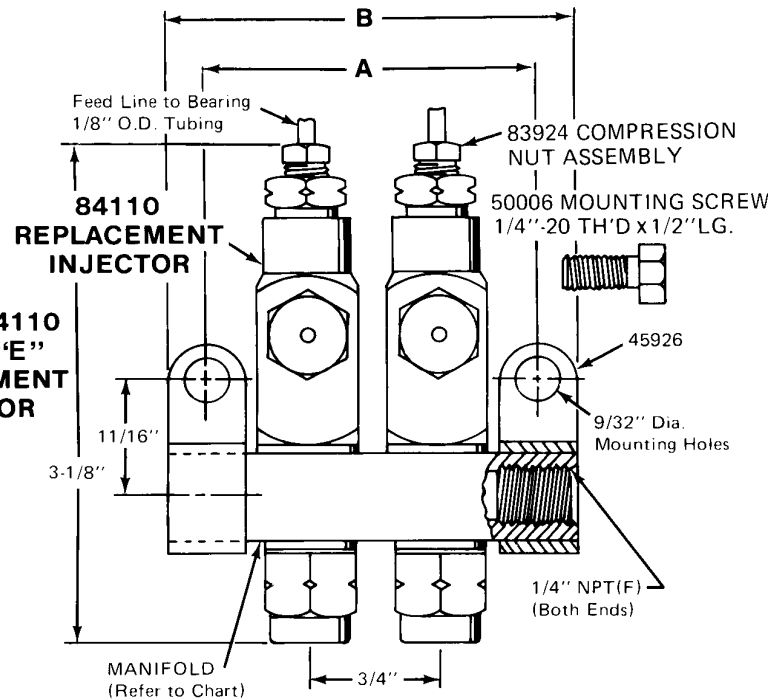
MANIFOLD CHART

Model	Description	Dimensions		Manifold
		A	B	
84429-1	1 Unit	1-1/4"	1-3/4"	91883-1
84429-2	2 Unit	2"	2-1/2"	91884-1
84429-3	3 Unit	2-3/4"	3-1/4"	91885-1
84429-4	4 Unit	3-1/2"	4"	91886-1

† Black finish indicates Heat Resistant Injector



© Indicates Change



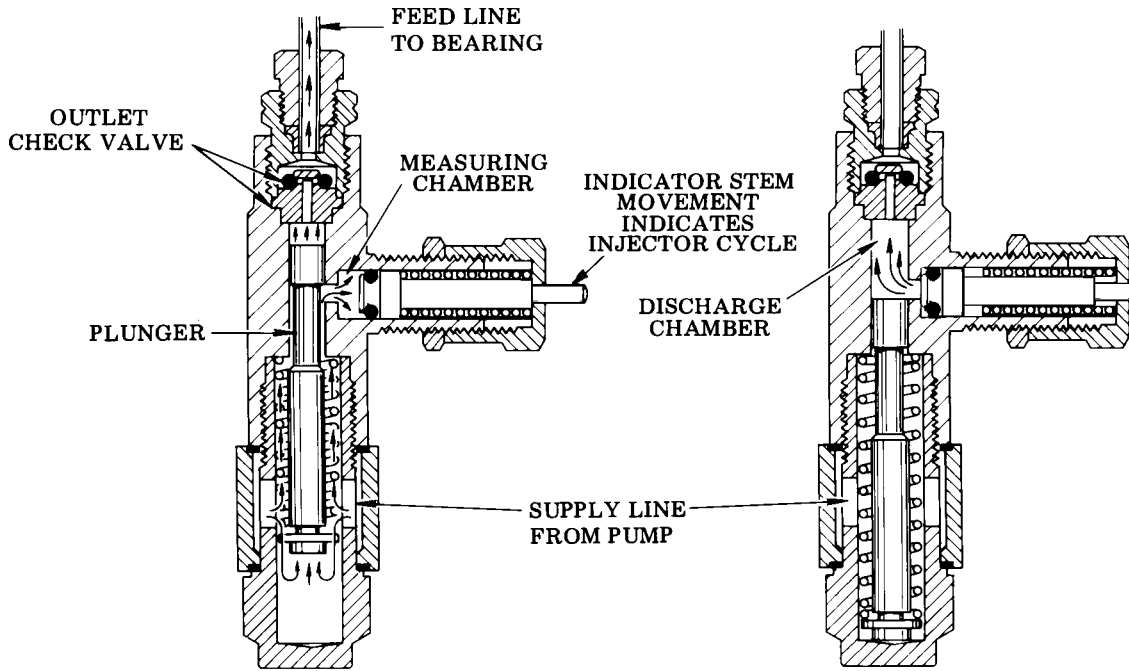
NOTE: Injectors from previous series can be improved with stenciled cap and single piece piston by use of 247952 upgrade kit.

SERVICE PARTS

Model	Qty.	Description	Model	Qty.	Description
14176	1	Adapter	50006	2	Mounting screw
14658	1	Compression nut	+*55326-9	1	Spring
14659	1	Ferrule	83924	1	Compression nut assembly
14986	1	Outlet body	+* 237883	1	Check seat
+*31137	2	Gasket	+247850	1	Piston
+*34417	2	O-ring (Viton)	+*247855	1	Spring
45926	2	Manifold mounting clip	+247943	1	Injector cap

*Included in 247959 Repair Kit

+Included in 247952 Upgrade Kit



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.

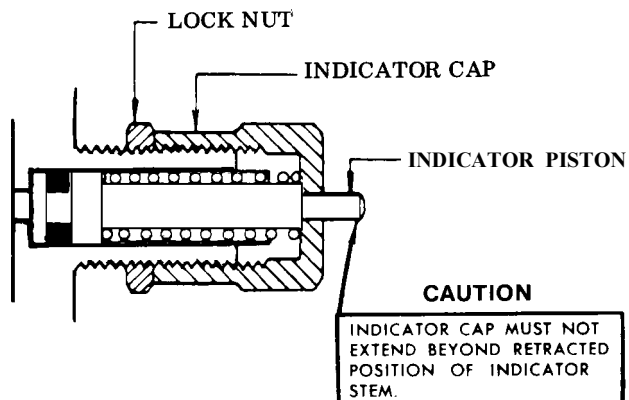
INJECTOR ADJUSTMENT

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

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

Retracting the indicator cap five full turns permits a maximum of .008 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.



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.