

# SL-33 INJECTOR

STAINLESS STEEL

# Models 83715-SERIES 83314-9, 83900-9

## SPECIFICATIONS

**OUTPUT:**..... Adjustable from .001 cu. in. to .003 cu. in.

**OPERATING PRESSURE:** ..... 1200 psi to 3500 psi

† **RECOMMENDED OPERATING PRESSURE:**... 1500 psi

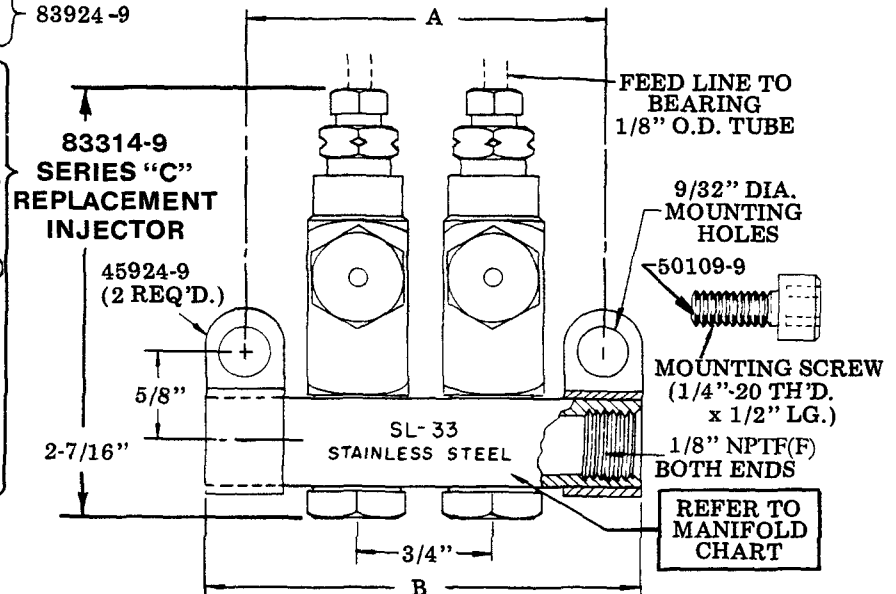
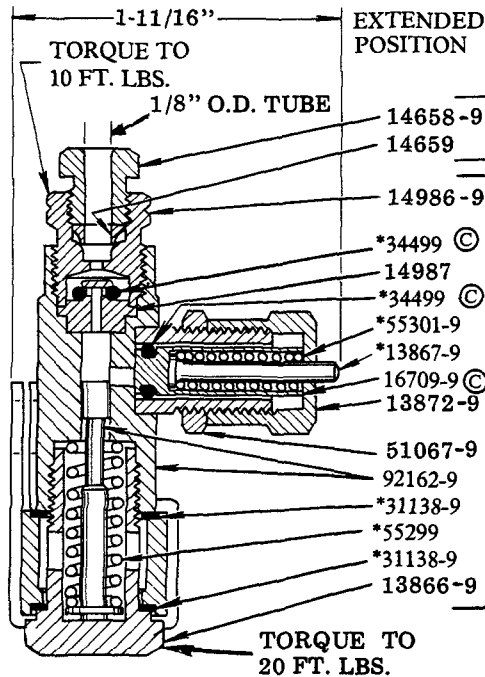
**RECHARGE PRESSURE:** ..... 200 psi

For dispensing oil or grease having a consistency not exceeding NLGI grade No. 1.

† 2500 psi when used in combination with series SL-1 and/or SL-11 Injectors

## MANIFOLD CHART

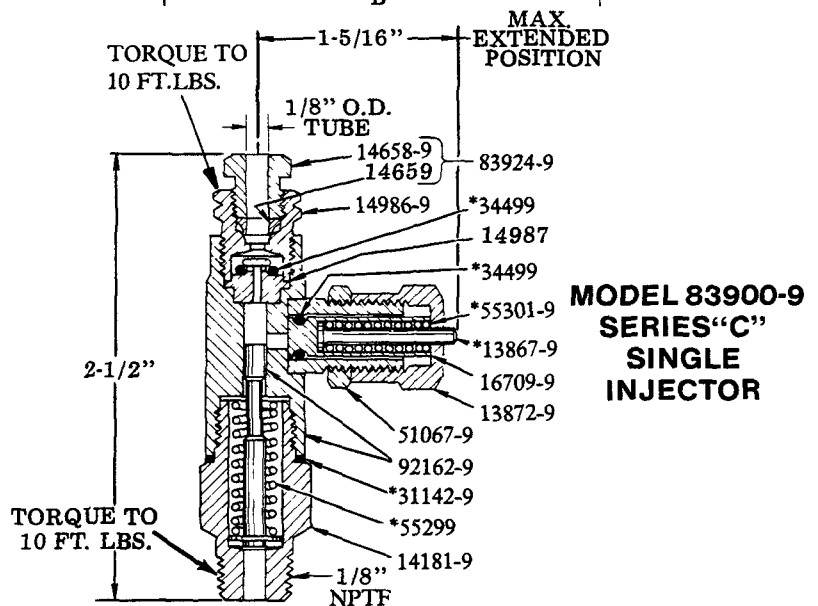
MODEL	DESCRIPTION	DIMENSIONS		MANIFOLD
		A	B	
83715-1	1 Unit	1-1/8"	1-5/8"	91863-9
83715-2	2 Unit	1-7/8"	2-3/8"	91864-9
83715-3	3 Unit	2-5/8"	3-1/8"	91865-9
83715-4	4 Unit	3-3/8"	3-7/8"	14339-9
83715-6	6 Unit	4-7/8"	5-3/8"	14357-9
83715-7	7 Unit	5-5/8"	6-1/8"	14358-9



## SERVICE PARTS

PART	QUAN.	DESCRIPTION
13866-9	1	Adapter
*13867-9	1	Injector indicator
13872-9	1	Injector cap
14181-9	1	Injector inlet adapter
14658-9	1	Compression nut
14659	1	Ferrule
14986-9	1	Outlet body
14987	1	Check seat
16709-9	1	Packing retainer
*31138-9	2	Gasket
*31142-9	1	Gasket
*34499	2	O-ring
45924-9	2	Manifold mounting clip
50109-9	2	Mounting screw
51067-9	1	Lock nut
*55299	1	Spring
*55301-9	1	Spring
83924-9	1	Compression nut ass'y.
92162-9	1	Body and plunger ass'y.

\*Included in 236466 Repair kit.

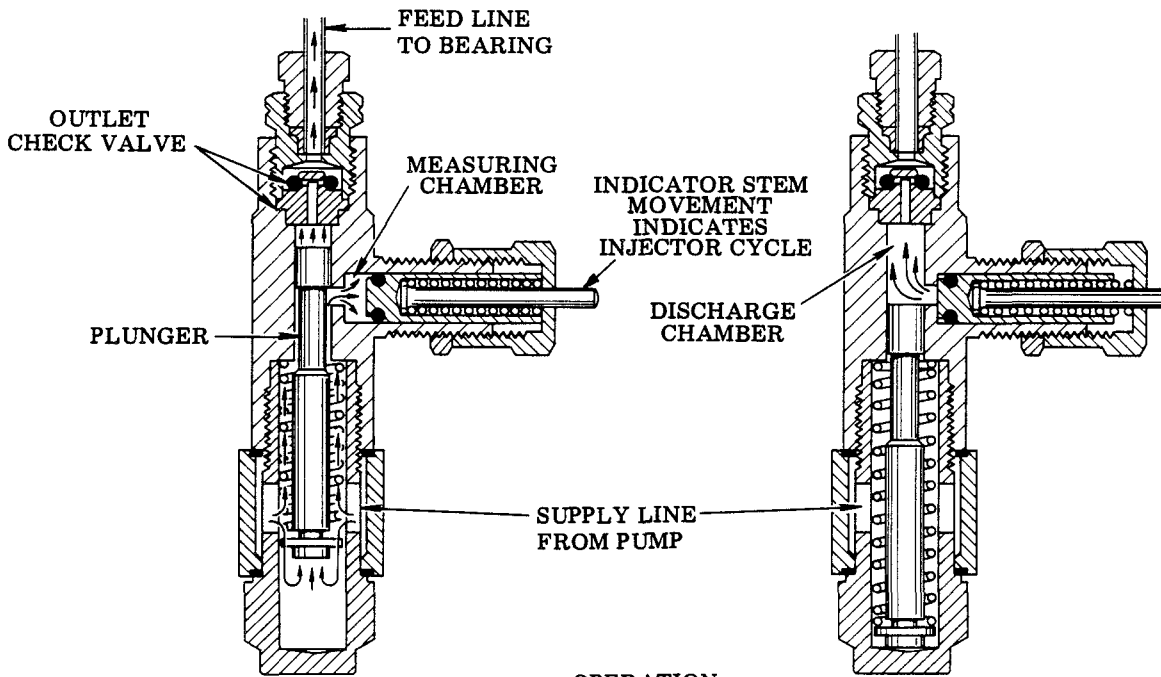


© Indicates Change



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**SUPPLY LINE UNDER PRESSURE**

(Normal operating pressure 1500 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 200 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**

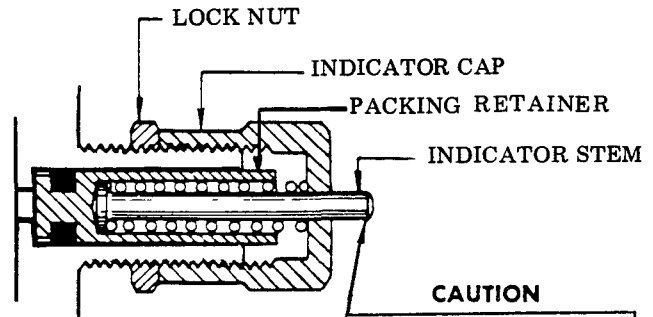
Injector output is controlled by the position of the indicator cap which limits the travel of the packing retainer.

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.  
A list of Authorized Service Departments will be furnished upon request.