

Model No. 85352-1, -2, -3, -4, -5, -6 , 249649

SL- 42 INJECTOR (METRIC)

Series "A"



FOR DISPENSING OIL ONLY SPECIFICATIONS

OUTPUT:..... Adjustable from .001 cu. in. to .003 cu. in.
(.016 cc to .049 cc)

OPERATING PRESSURE:..... 750 psi to 1000 psi
(52 to 70 bar)

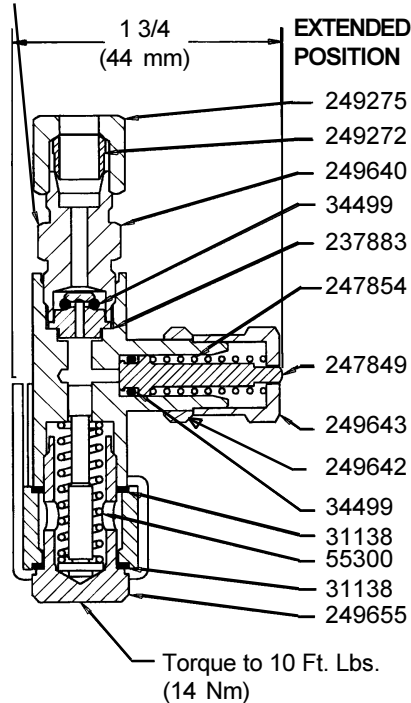
RECOMMENDED OPERATING PRESSURE:.... 850 psi
(59 bar)

RECHARGE PRESSURE:..... 150 psi
(10 bar)

MANIFOLD CHART

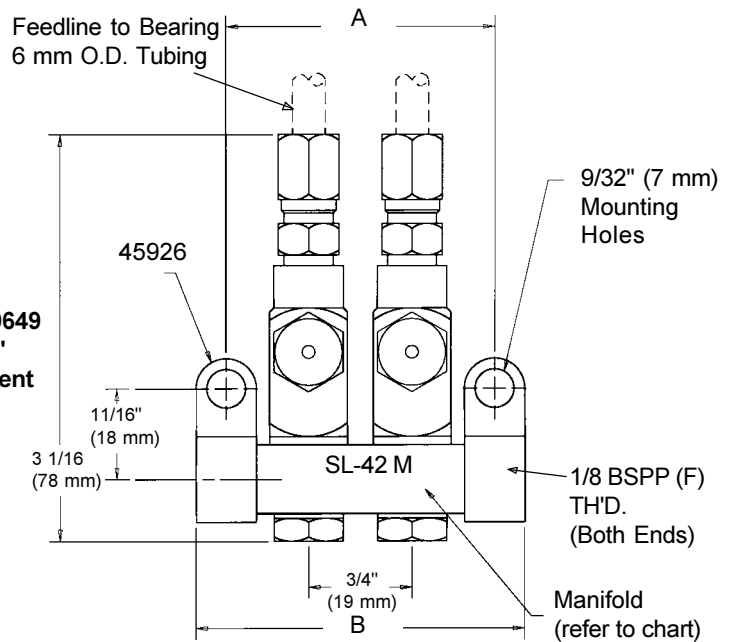
Model	Description	Dimensions		Manifold
		A	B	
85352-1	1 Unit	1-1/8" (29 mm)	1-5/8" (41 mm)	249630
85352-2	2 Unit	1-7/8" (48 mm)	2-3/8" (60 mm)	249631
85352-3	3 Unit	2-5/8" (67 mm)	3-1/8" (79 mm)	249632
85352-4	4 Unit	3-3/8" (86 mm)	3-7/8" (98 mm)	249633
85352-5	5 Unit	4-1/8" (105 mm)	4-5/8" (118 mm)	249634
85352-6	6 Unit	4-7/8" (124 mm)	5-3/8" (137 mm)	249635

Torque to
10 Ft. Lbs.
(14 Nm)



Model 249649
Series "A"
Replacement
Injector

249647
Mounting Screw
M6 x 1.0 TH'D
x 13.0 mm LG

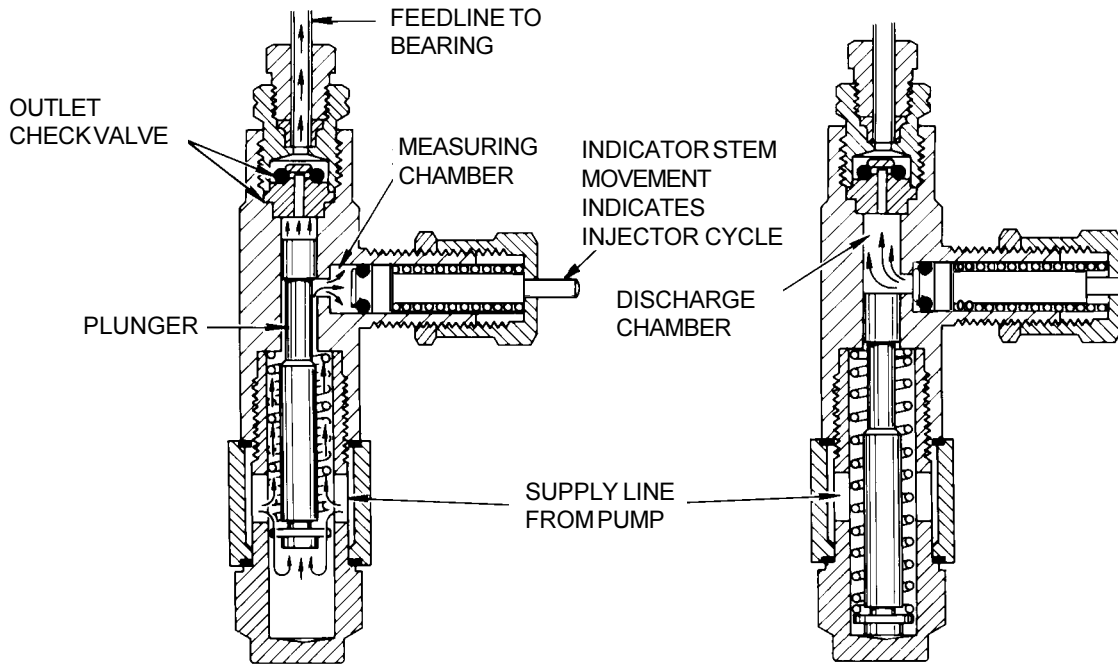


SERVICE PARTS

Part #	Qty.	Description	Part #	Qty.	Description
*31138	2	Gasket	249272	1	Ferrule
*34499	2	O-ring (Nitrile)	249275	1	Compression nut
45926	2	Manifold mounting clip	249640	1	Outlet body
*55300	1	Spring	249642	1	Lock nut
*237883	1	Check seat	249643	1	Indicator cap
247849	1	Piston	249647	2	Mounting screw
*247854	1	Spring	249655	1	Adapter

*Included in 247963 Repair Kit





OPERATION

SUPPLY LINE UNDER PRESSURE

(Normal operating pressure 850 psi (59 bar))

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 (10 bar) 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.

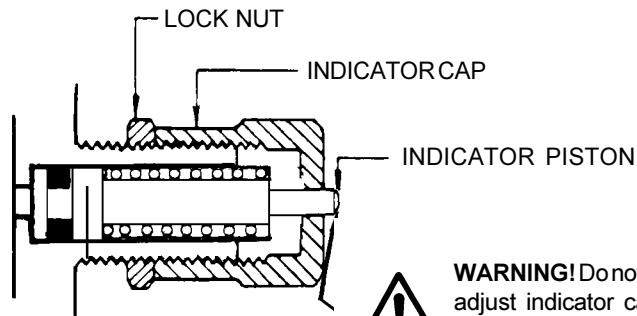
INJECTOR ADJUSTMENT

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 two full turns permits a maximum 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.



WARNING! Do not adjust indicator cap while under pressure. Do not retract beyond two full turns from the "STOP" position.

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