

Model Nos. 85353-1, -2, -3, -4, 249650

SL-32 INJECTOR (METRIC)

Series "A"



SPECIFICATIONS

OUTPUT:.....Adjustable from .001 cu. in. to .008 cu. in.
(.016 cc to .131 cc)

OPERATING PRESSURE:.....1200 psi to 3500 psi
(83 bar to 241 bar)

RECOMMENDED OPERATING PRESSURE:.....1500 psi
(103 bar)

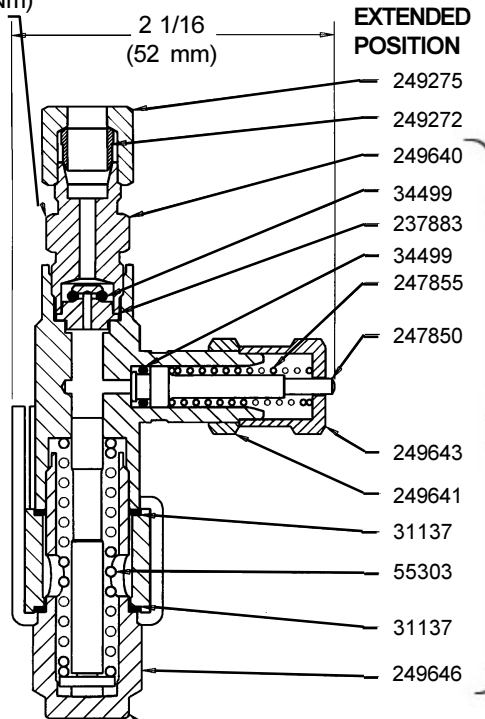
RECHARGE PRESSURE:.....200 psi
(14 bar)

For dispensing oil or grease having a consistency not exceeding NLGI grade No. 2.

MANIFOLD CHART

Model	Description	Dimensions		Manifold
		A	B	
85353-1	1 Unit	1-1/4" (32 mm)	1-3/4" (44 mm)	249636
85353-2	2 Unit	2" (51 mm)	2-1/2" (64 mm)	249637
85353-3	3 Unit	2-3/4" (70 mm)	3-1/4" (83 mm)	249638
85353-4	4 Unit	3-1/2" (89 mm)	4" (102 mm)	249639

Torque to
10 Ft. Lbs.
(14 Nm)



Torque to 15 Ft. Lbs.
(20 Nm)

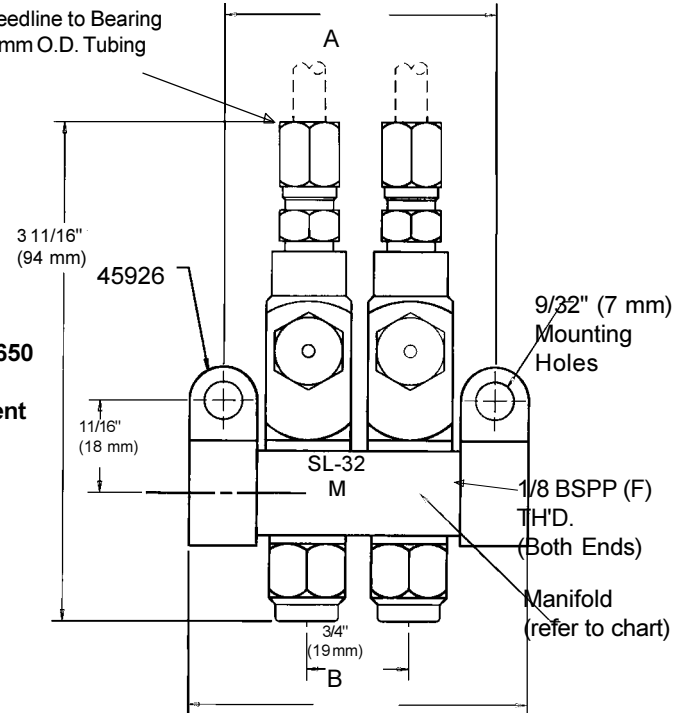
Model 249650
Series "A"
Replacement
Injector

249647

Mounting Screw

M6 x 1.0 TH'D
x 13.0 mm Lg.

Feedline to Bearing
6 mm O.D. Tubing

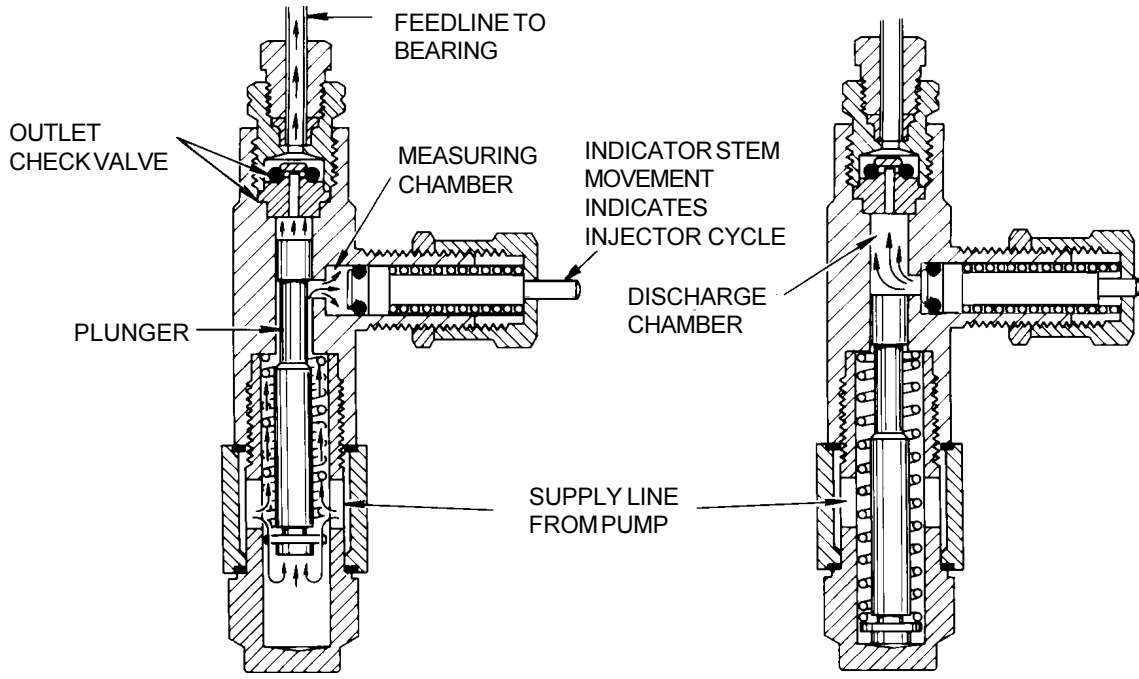


SERVICE PARTS

Part #	Qty.	Description	Part #	Qty.	Description
*31137	2	Gasket	249272	1	Ferrule
*34499	2	O-ring (Nitrile)	249275	1	Compression nut
45926	2	Manifold mounting clip	249640	1	Outlet body
*55303	1	Spring	249641	1	Lock nut
*237883	1	Check seat	249643	1	Indicator Cap
247850	1	Piston	249646	1	Adapter
*247855	1	Spring	249647	2	Mounting screw

* Included in 247958 Repair Kit





OPERATIONS

SUPPLY LINE UNDER PRESSURE

(Normal operating pressure 1500 psi (103 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 200 psi (14 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.

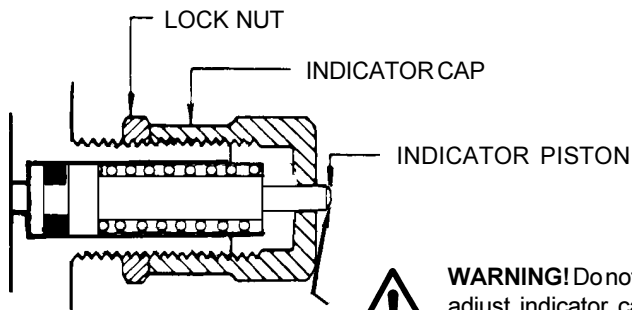
INJECTOR ADJUSTMENT

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 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.



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

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