

SL-43 INJECTOR

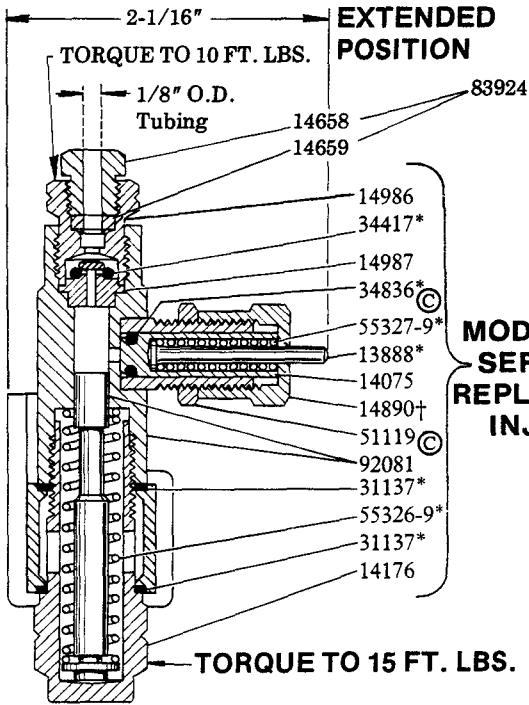
Models 84110 84429

FOR DISPENSING OIL
HEAT RESISTANT

SPECIFICATIONS:

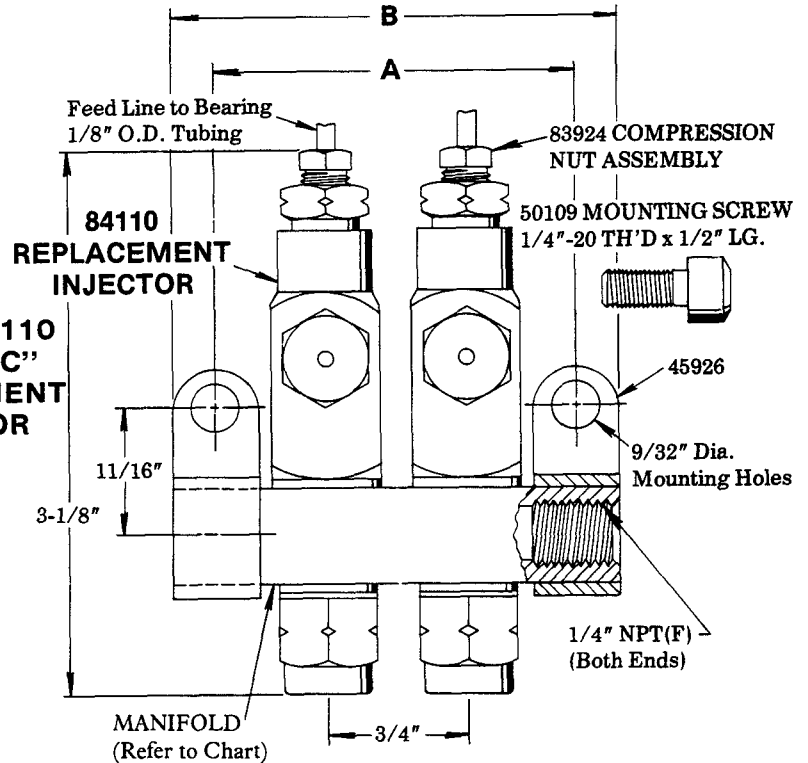
OUTPUT Adjustable from .001 cu. in. to .008 cu. in.
 OPERATING PRESSURE: 750 psi to 1000 psi
 RECHARGE PRESSURE: 150 psi Max.
 WORKING TEMPERATURE: 350° F. Max.

† Black finish indicates Heat Resistant Injector.



© Indicates Change

MODEL 84110 SERIES "C" REPLACEMENT INJECTOR



MANIFOLD CHART

| DESCRIPTION | MODEL | MANIFOLD | DIMENSIONS | |
|-------------|---------|----------|------------|--------|
| | | | A | B |
| 1 UNIT | 84429-1 | 91883-1 | 1-1/4" | 1-3/4" |
| 2 " | 84429-2 | 91884-1 | 2" | 2-1/2" |
| 3 " | 84429-3 | 91885-1 | 2-3/4" | 3-1/4" |
| 4 " | 84429-4 | 91886-1 | 3-1/2" | 4" |

SERVICE PARTS

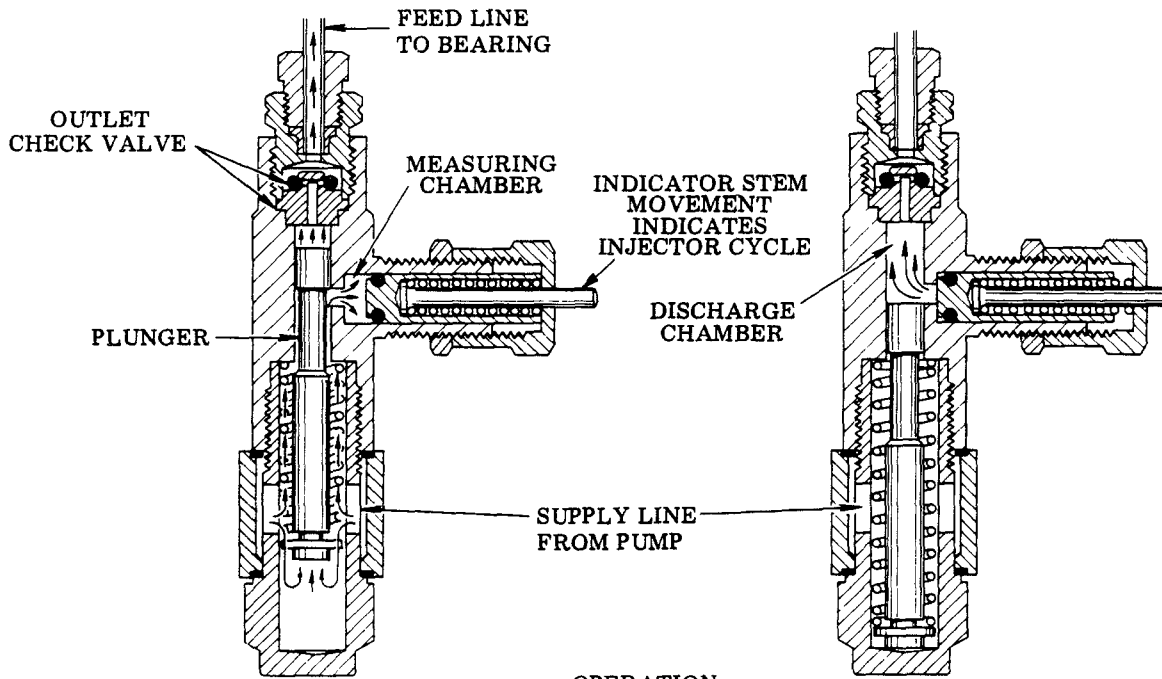
| PART | QUAN. | DESCRIPTION | PART | QUAN. | DESCRIPTION |
|--------|-------|--------------------|----------|-------|------------------------|
| *13888 | 1 | Injector indicator | *34417 | 1 | O-ring |
| 14075 | 1 | Packing retainer | *34836 | 1 | Packing |
| 14176 | 1 | Adapter | 45926 | 2 | Manifold mounting clip |
| 14658 | 1 | Compression nut | 50109 | 2 | Mounting screw |
| 14659 | 1 | Ferrule | 51119 | 1 | Lock nut |
| 14890 | 1 | Injector cap | *55326-9 | 1 | Spring |
| 14986 | 1 | Outlet body | *55327-9 | 1 | Spring |
| 14987 | 1 | Outlet seat | 83924 | 1 | Compression nut ass'y. |
| *31137 | 2 | Gasket | 92081 | 1 | Body & plunger ass'y. |

*Included in 236461 Repair 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

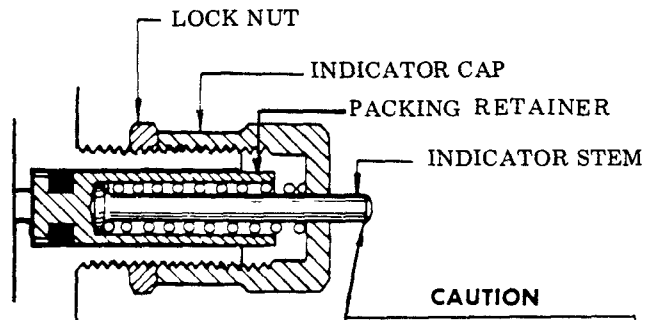
Injector output is controlled by the position of the indicator cap which limits the travel of the packing retainer.

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.

Retracting the indicator cap beyond five 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.