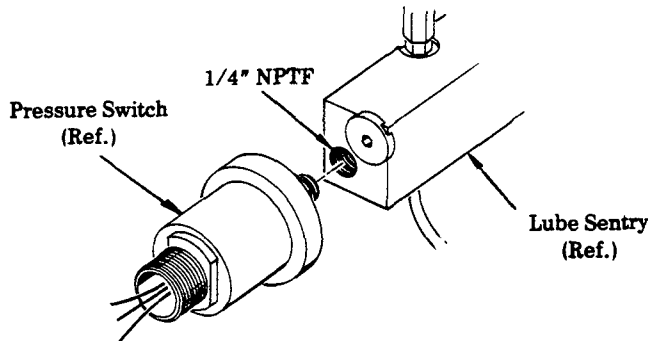


Lubricant Viscosity: 60 S.U.S. - 3,000 S.U.S.  
Adjustment Range: 1 to 2 Minutes  
Minimum Fluid Flow Rate: .060 cu. in./min. at time delay setting of 90 seconds

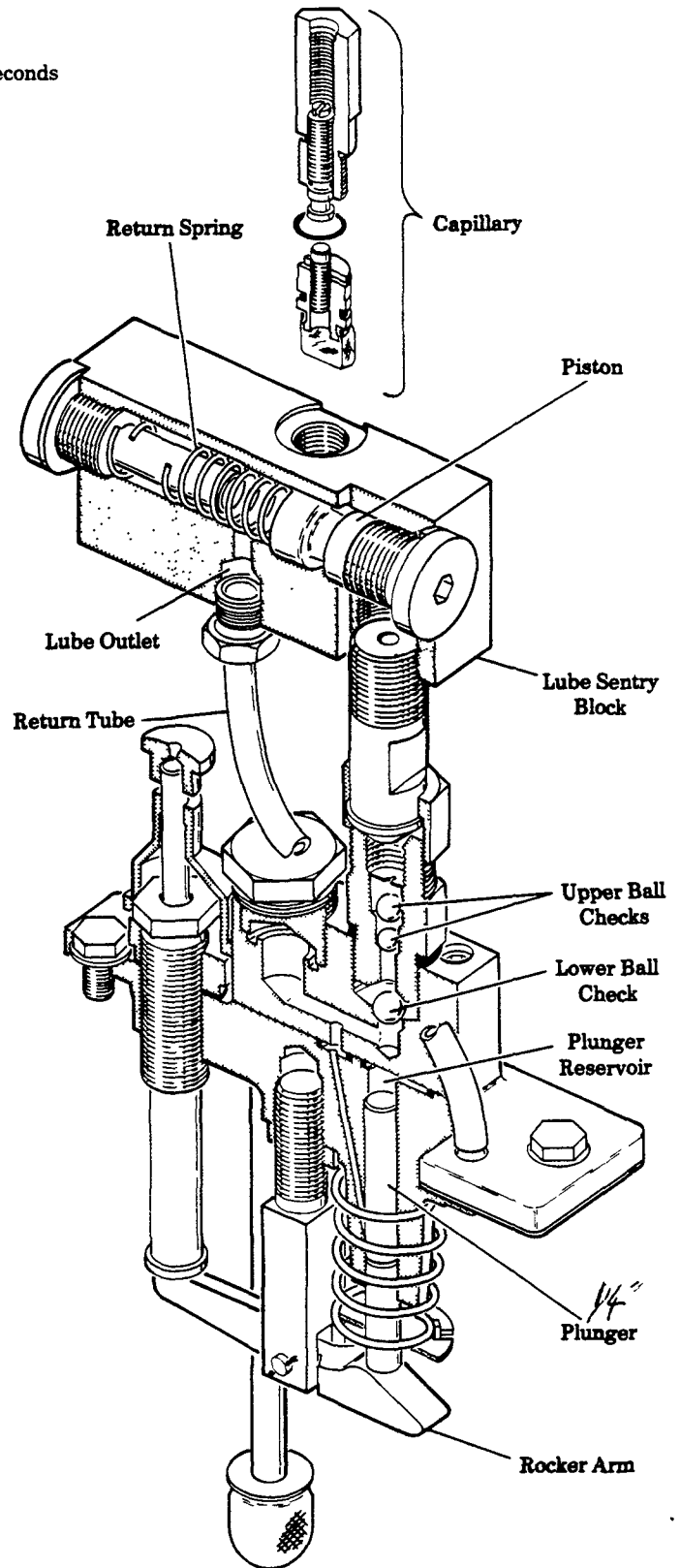


**PRESSURE SWITCH**  
(325036 or \*325037)

**NOTE: Not Included With Lube Sentry.**

**ELECTRICAL SPECIFICATIONS:**

28 VDC - 5 amp. res., 3 amp. ind.	N.O.
125 VAC - 5 amp. res., 5 amp. ind.	○(Blue)
250 VAC - 5 amp. res., 5 amp. ind.	
*325037 - U.L. & C.S.A. Listed, SPDT	
Div. 1 & 2, Class I, Group A, B, C & D	○(Brown)
Class II, Group E, F & G	○(Red)



## LUBE SENTRY OPERATION

- 1) The cam rotates and through the action of the rocker arm, causes the plunger to reciprocate within its bore in the pump body.
- 2) As the plunger moves downward, the upper ball checks seat and oil is drawn through the lower ball check into the plunger reservoir. On the plunger's upward stroke, the lower ball check seats and oil is forced above the upper ball checks and enters the lube sentry block.
- 3) During normal system operation, lubricant entering lube sentry block pushes piston back, compressing return spring. Pressure switch will activate at 35 psi and oil circulates through lube sentry block at 100 psi. Lubricant flows through piston, down lube outlet and into return tube. When lubricant flow ceases, return spring forces piston forward closing outlet of return tube and forcing the trapped lubricant to pass around controlled fit of the piston, through the capillary and out the return tube. Lubricant pressure drops below 35 psi and the pressure switch deactivates, sending a signal of no-flow condition.
- 4) The time delay when lubricant flow ceases, is controlled by the capillary adjustment screw, that can be adjusted for a minimum time delay of one minute to a maximum of two minutes. Turning the adjusting screw clockwise lengthens the time delay and counter-clockwise shortens the time delay.

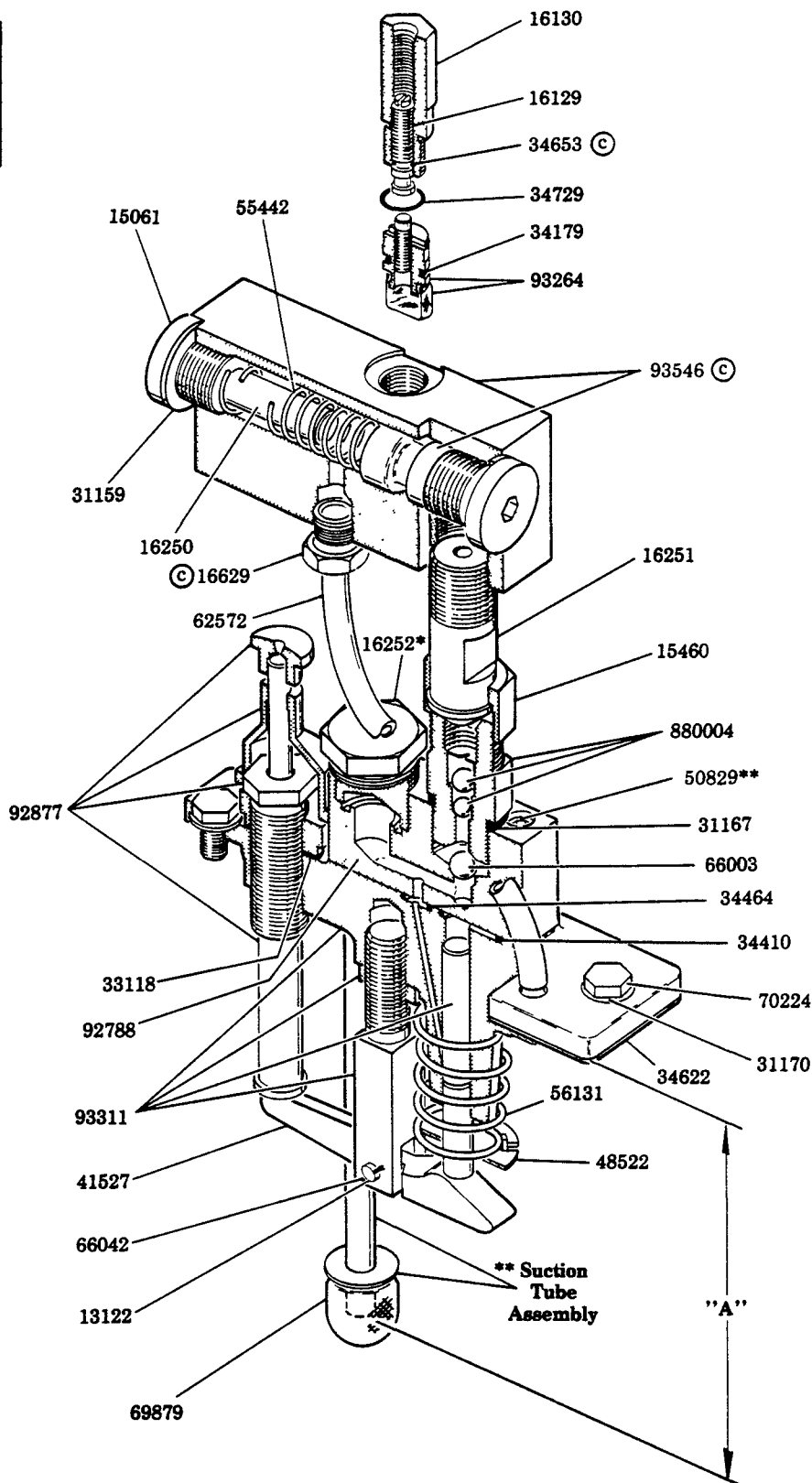
© Indicates change

MODEL	** SUCTION TUBE ASSEMBLY	† LENGTH "A"
880447	© 93421	3-3/4"
880456	© 93422	© 3-3/8"

† Reference:  
4-1/4" for Model "55" Pump.

### SERVICE PARTS

PART	QUAN.	DESCRIPTION
13122	1	Head pin
15061	2	Plug
15460	1	Packing nut
16129	1	Adjustment screw
16130	1	Adjustment housing
16250	1	Pin
16251	1	Union sleeve
16252	1	Plug
16629	1	Hose stud
31159	2	Gasket
31167	1	Gasket
31170	2	Washer
33118	1	Washer
34179	1	O-ring
34410	1	O-ring
34464	1	O-ring
34622	1	Gasket
34653	1	O-ring
34729	1	O-ring
41527	1	Rocker arm
48522	1	Spring retainer
50829	4	Socket head screw
55442	1	Spring
56131	1	Spring
62572	1	Tube
66003	1	Ball
66042	1	Cotter pin
69879	1	Strainer assembly
70224	2	Screw
92788	1	Sight feed block assembly
92877	1	Flushing unit assembly
93264	1	Capillary assembly
93311	1	Body & plunger assembly
93546	1	Piston & block assembly
880004	1	Connector assembly



\* Torque to 35-40 ft. lbs.  
\*\* Torque to 37-41 in. lbs.

### 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.