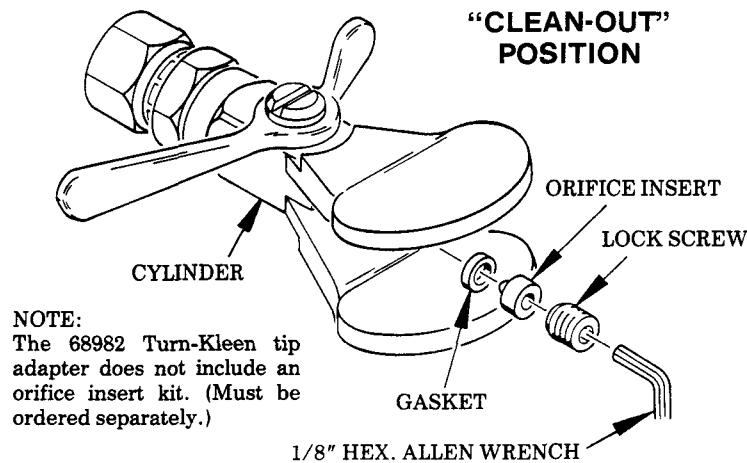


4000 P.S.I. MAX. OPERATING PRESSURE

INSTALLATION OF ORIFICE INSERT KIT

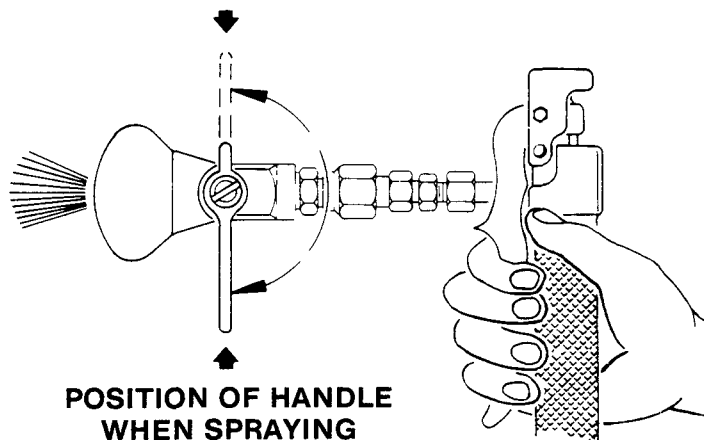


NOTE:
The 68982 Turn-Kleen tip adapter does not include an orifice insert kit. (Must be ordered separately.)

OPERATION

Before assembling Turn-Kleen tip adapter to control valve, make certain nylon gasket is in place. The Turn-Kleen tip adapter can be assembled with the handle on either side of the control valve as illustrated or on top, whichever is suitable to the operator.

POSITION OF HANDLE WHEN CLEARING ORIFICE



POSITION OF HANDLE WHEN SPRAYING

INSTALLATION

1. Rotate handle to "clean-out" position.
2. Assemble parts in the sequence illustrated. Use 1/8" allen wrench (supplied with spray nozzle) for lock screw. Do not tighten lock screw at this time.
3. Rotate handle to "spray" position.
4. Using locating tool (supplied with spray nozzle) position orifice insert for horizontal spray. For vertical spray Turn-Kleen nozzle must be rotated 90° when on control valve.
5. Rotate handle back to "clean-out" position and tighten lock screw.
6. Rotate handle back to "spray" position and assemble to control valve.

TO REPLACE ORIFICE KIT

1. Remove Turn-Kleen nozzle from control valve.
2. Rotate handle to "clean-out" position.
3. Remove lock screw from cylinder.
4. Insert wrench into back end of cylinder. Push or tap out orifice insert and gasket from cylinder.
5. Install new orifice kit following Installation, steps 2-6 (above).

TO SPRAY

- a. Depress control valve handle completely.
- b. Hold spray nozzle 10" to 12" away from work surface for most efficient coverage pattern.

IF SPRAY NOZZLE ORIFICE BEGINS TO CLOG

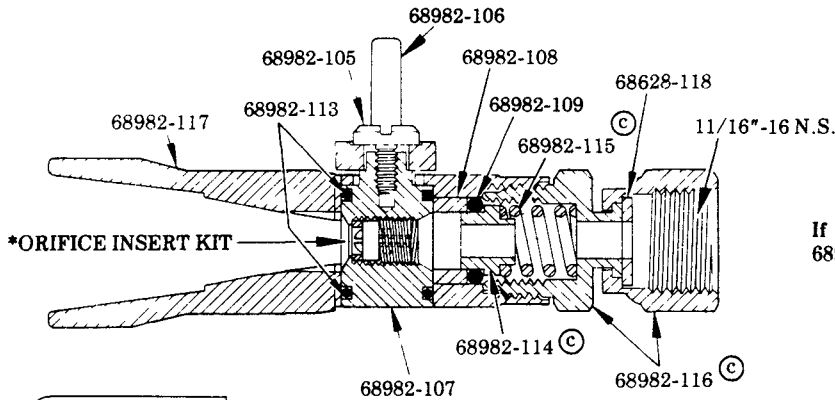
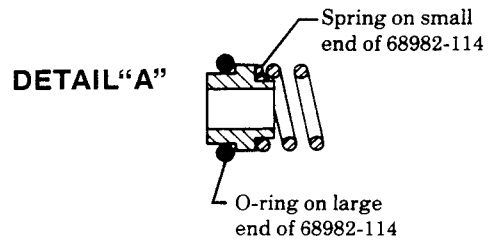
- a. Release control valve handle.
- b. Rotate spray nozzle handle 180°.
- c. Spray briefly to flush clogging particles, release control valve handle.
- d. Rotate spray nozzle handle back to "spray" position.

If spray nozzle leaks, refer to maintenance instructions on back page.

RECOMMENDED CLEANING INSTRUCTIONS

If the orifice insert kit in the Turn-Kleen nozzle assembly is clogged with dried material, soak orifice in solvent. — DO NOT USE WIRE OR PIN TO CLEAN OPENING OF INSERT — Use air pressure to clear orifice.

SERVICE PARTS AND MAINTENANCE



TO REPLACE PACKINGS

If leak appears between 68982-116 Cap Assembly and 68982-117 Cylinder Body

1. Remove Turn-Kleen nozzle from control valve.
2. Remove 68982-116 Cap Assembly from 68982-117 Cylinder Body.
3. Remove 68982-115 Spring, 68982-114 Packing Support, and 68982-109 O-ring.
4. Replace 68982-109 O-ring and reassemble (See Detail "A").

If leak appears at 68982-107 Cylinder

1. Follow steps one through three above.
2. Remove 68982-105 Screw and 68982-106 Handle.
3. Remove 68982-107 Cylinder through bottom of 68982-117 Cylinder Body.
4. Replace 68982-113 O-rings and reassemble.

1/8" HEX. ALLEN WRENCH
(Used for installing orifice insert kit.)



LOCATING TOOL
(Used for positioning orifice insert.)

Ⓒ Indicates change

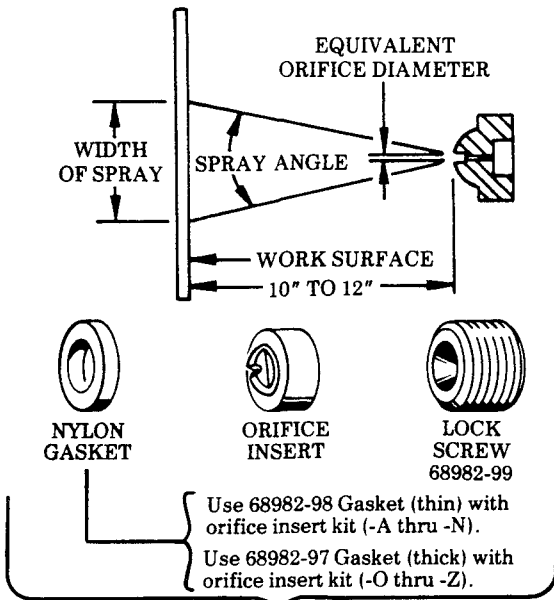
***ORIFICE INSERT KIT IS NOT A PART OF 68982 MUST BE ORDERED SEPARATELY.**

SERVICE PARTS

Part	Qty.	Description	Part	Qty.	Description	Part	Qty.	Description
68628-118	1	Nylon tip gasket	68982-108	1	Teflon packing	68982-115	1	Spring
68982-105	1	Screw	68982-109	1	O-ring	68982-116	1	Cap assembly
68982-106	1	Handle	68982-113	2	O-ring	68982-117	1	Cylinder body
68982-107	1	Cylinder	68982-114	1	Packing support			

TURN-KLEEN ORIFICE KITS

(For use with Turn-Kleen nozzle.)



ORIFICE INSERT KIT	TIP STENCILED	EQUIVALENT ORIFICE DIAMETER	SPRAY ANGLE	APPROX. WIDTH of SPRAY at 1600 PSI, 1' DISTANCE
68982-13	2-F	.011"	15°	5"
68982-15	2-G	.013"	15°	5"
68982-8	2-H	.015"	15°	5-1/2"
68982-17	3-D	.007"	25°	5-1/2"
68982-14	3-F	.011"	25°	6"
68982-16	3-G	.013"	25°	6"
68982-18	4-E	.009"	40°	7"
68982-25	4-K	.021"	40°	11"
68982-26	4-J	.018"	40°	10"
68982-27	4-L	.026"	40°	12"
68982-28	4-H	.015"	40°	8-1/2"
68982-30	4-M	.031"	40°	12"
68982-31	4-N	.036"	40°	12"
68982-10	6-F	.011"	65°	10"
68982-12	6-G	.013"	65°	10-1/2"
68982-7	6-H	.015"	65°	11"
68982-6	6-J	.018"	65°	13"
68982-22	6-K	.021"	65°	15"
68982-19	6-N	.036"	65°	16"
68982-20	6-O	.043"	65°	16"
68982-23	6-R	.062"	65°	16"
68982-24	6-T	.072"	65°	16"
68982-5	8-J	.018"	80°	15"

ORIFICE INSERT KIT

Spray pattern width is based on a material with a viscosity of 20 seconds #4 Zahn cup spraying at 1600 psi. Coverages with other materials will vary but coverages of the various tips will be proportional to width tabulated.

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.