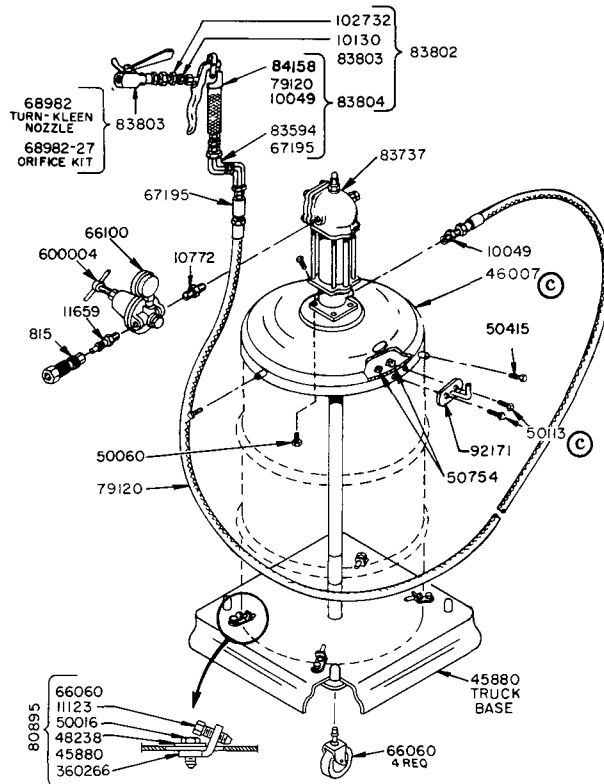


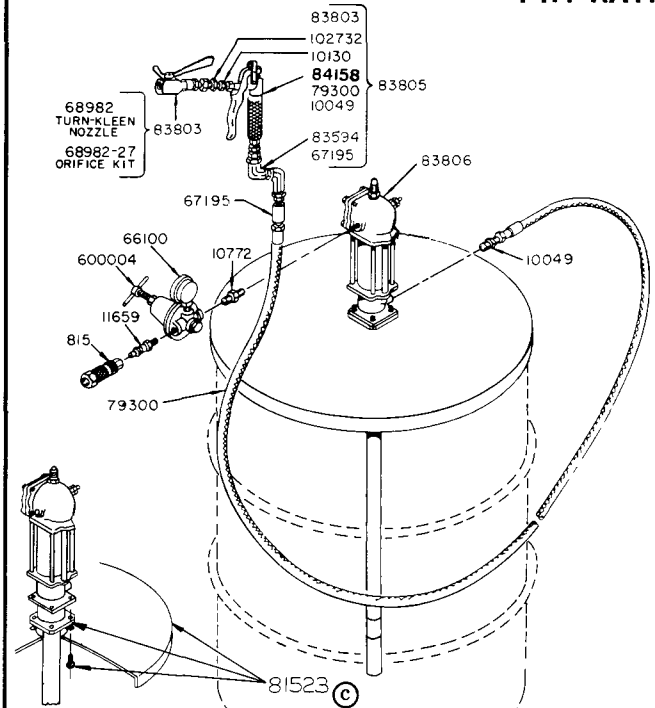
**AIR OPERATED  
14:1 RATIO**



**MODEL 930**

**PORTABLE 120 LB. DRUM (SLEEVELESS)**

1. Insert end of Pump Tube through hole in Drum Cover. Line up holes in Drum Cover with holes in Pump Outlet Body. Use four hex. head screws, tighten securely.
2. Assemble the four casters to the Base.
3. Place fresh Material Drum centrally on Base between the four Base Clamps.
  - a. Adjust Clamp position to fit Drum and tighten securely to Base.
  - b. Tighten the four Studs in the Clamps to hold Drum rigidly to the Base.
4. Guide end of Pump Tube into Drum (until Drum Cover rests on top bead of Drum). Assemble the three Adjusting Screws into the side openings in the Drum Cover and tighten Screws to hold Pump rigidly to Drum.
5. Assemble the Air Controls to the Pump air inlet. Connections must be leak proof.
6. Assemble Delivery Hose into Pump Outlet. Connections must be leak proof.



**MODEL 931**

**STATIONARY 400 LB. DRUM (SLEEVELESS)**

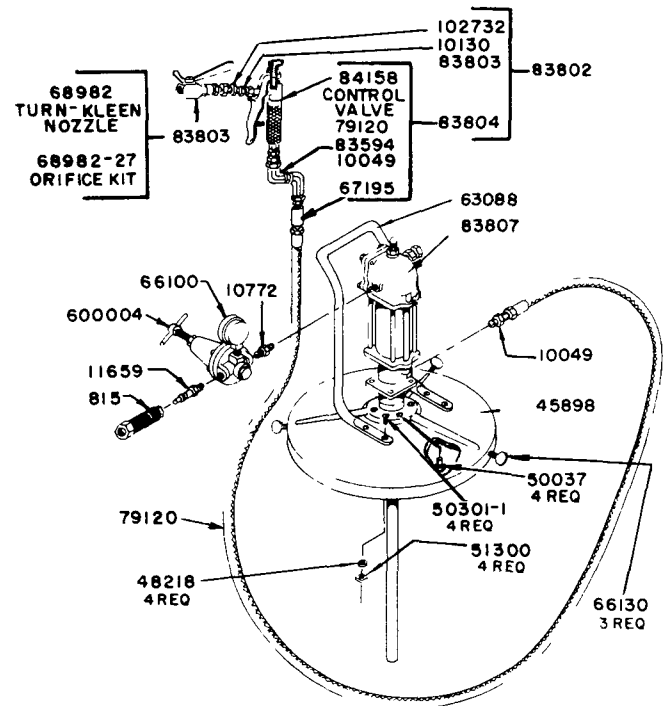
1. Insert end of Pump Tube through hole in Drum Cover. Line up holes in Drum Cover with holes in Pump Outlet Body. Use four hex. head screws, tighten securely.
2. Assemble the Air Controls to the Pump air inlet. Connections must be leak proof.
3. Assemble Delivery Hose into Pump Outlet. Connections must be leak proof.

**CAUTION:**  
TO PREVENT ACCIDENTS, ROTATE SAFETY LATCH TO THE "OFF" POSITION AFTER EACH USE.

© Indicates change

## MODEL 992 35 LB. SIZE ORIGINAL CONTAINER

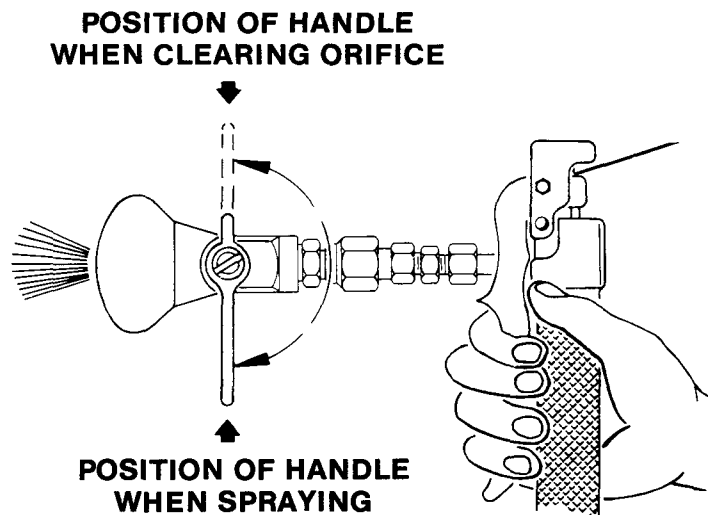
1. Assemble handle to drum cover.
2. Assemble the air controls to the pump air inlet.
3. Insert pump tube through drum cover. Line up holes in drum cover with holes in pump outlet body. Use four screws, tighten securely.
4. Remove container lid from 35 lb. original refinery package. Insert pump tube into the container, (drum cover resting on container rim). Assemble the three adjusting screws into the side openings in the drum cover and tighten screws to hold drum cover to container.
5. Assemble delivery hose into pump outlet. Connections must be leakproof.



## OPERATION

Recommended operating air pressure will vary in certain localities due to temperature conditions.

1. Shut off the air regulator and attach the air supply hose to the air inlet nipple of the pump.
2. Open air regulator slowly to start pump operation. Rotate safety latch to "ON" position. Depress control valve handle and increase air pressure until a good spray pattern is obtained.
3. Decrease air pressure to reduce overspray.



## 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

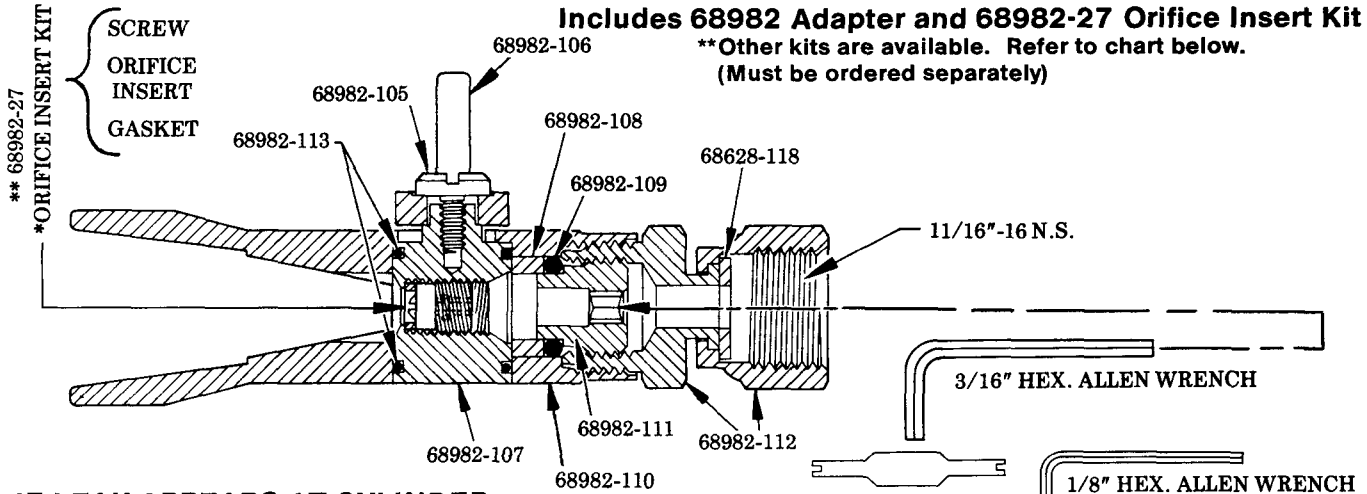
- a. Release control valve handle.
- b. Rotate spray nozzle handle 180°.
- c. Spray briefly to flush clogging particles, release control valve handle.
- d. Rotate spray nozzle handle back to "spray" position.

If orifice becomes clogged with dried material, clean in solvent. **DO NOT USE WIRE OR PIN TO CLEAN OPENING OF ORIFICE-** Use air pressure.

# 83803 TURN-KLEEN SPRAY NOZZLE

Includes 68982 Adapter and 68982-27 Orifice Insert Kit

\*\*Other kits are available. Refer to chart below.  
(Must be ordered separately)

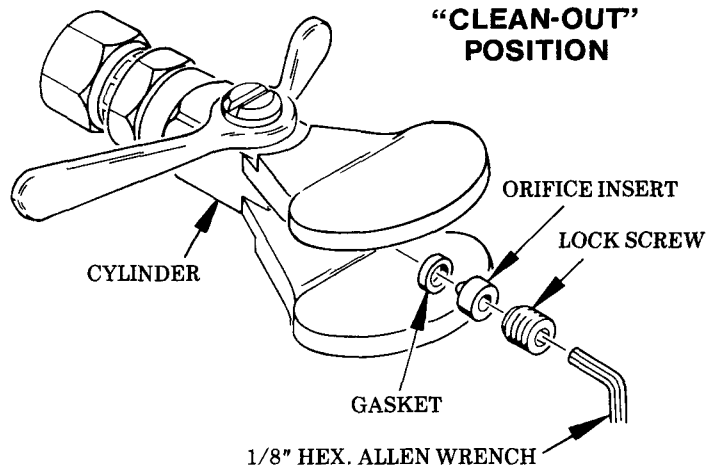


## IF LEAK APPEARS AT CYLINDER

1. Rotate control valve safety latch to "Off" position.
2. Remove Turn-Kleen nozzle from control valve.
3. Rotate handle to "Clean-out" position.
4. Use 3/16" allen wrench to tighten adjusting screw to seat packing against cylinder.
5. Inspect 68982-113 O-rings. O-rings may be worn or damaged. Replace if necessary.

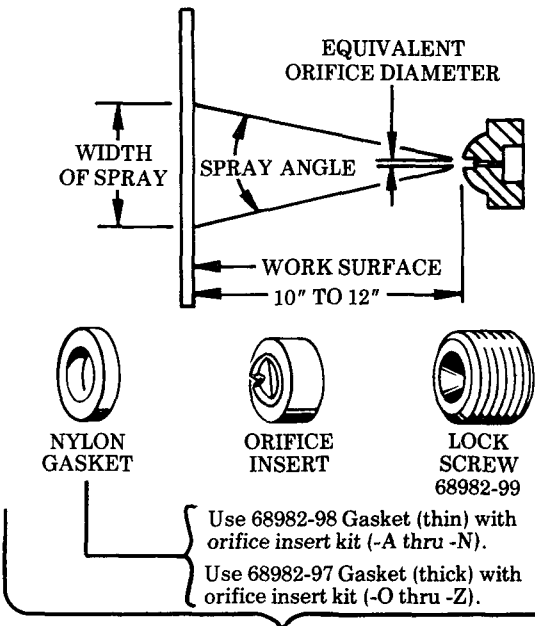
## TO REPLACE ORIFICE KIT

1. Rotate control valve safety latch to "Off" position.
2. Remove Turn-Kleen nozzle from control valve.
3. Rotate handle to "Clean-out" position.
4. Remove lock screw from cylinder.
5. Insert wrench into back end of cylinder. Push or tap out orifice insert and gasket from cylinder.
6. Assemble new gasket and orifice insert into cylinder, replace lock screw.
7. Rotate handle back to "Spray" position.



## \*\*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.

## SERVICE PARTS

Part	Qty.	Description
815	1	Air coupler
10049	1	Adapter
10130	1	Nipple
10772	1	Nipple
11123	4	Screw
11659	1	Air nipple
45880	1	Truck plate
45898	1	Drum cover
46007	1	Drum cover
48218	4	Washer
48238	4	Washer
50016	4	Screw
50037	4	Screw
50060	4	Screw
50113	2	Screw
50301-1	4	Screw
50415	3	Screw
50754	2	Nut
51300	4	Nut
63088	1	Handle
66060	4	Caster
66100	1	Pressure gauge
66130	3	Thumb screw
67195	1	Pipe coupling
68628-118	1	Nylon tip gasket
68982	1	Turnkleen tip adapter assembly
68982-27	1	Orifice insert kit
68982-105	1	Screw
68982-106	1	Handle
68982-107	1	Cylinder
68982-108	1	Teflon packing
68982-109	1	O-ring
68982-110	1	Cylinder body
68982-111	1	Adjusting screw
68982-112	1	Cap assembly
68982-113	2	O-ring
79120	1	Hose (10 ft.)
79300	1	Hose (25 Ft.)
80895	1	Truck assembly
81523	1	Drum cover assembly
83594	1	Universal swivel
83737	1	Pump assembly
83802	1	Hose, control valve & nozzle assembly
83803	1	Turnkleen tip adapter & orifice kit
83804	1	Hose & control valve assembly
83805	1	Hose, control valve & nozzle assembly
83806	1	Pump assembly
83807	1	Pump assembly
84158	1	Low pressure control valve
92171	1	Nozzle hanger
102732	1	Reducing bushing
360266	1	Clamp
600004	1	Air regulator

**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.