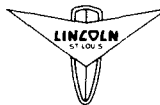
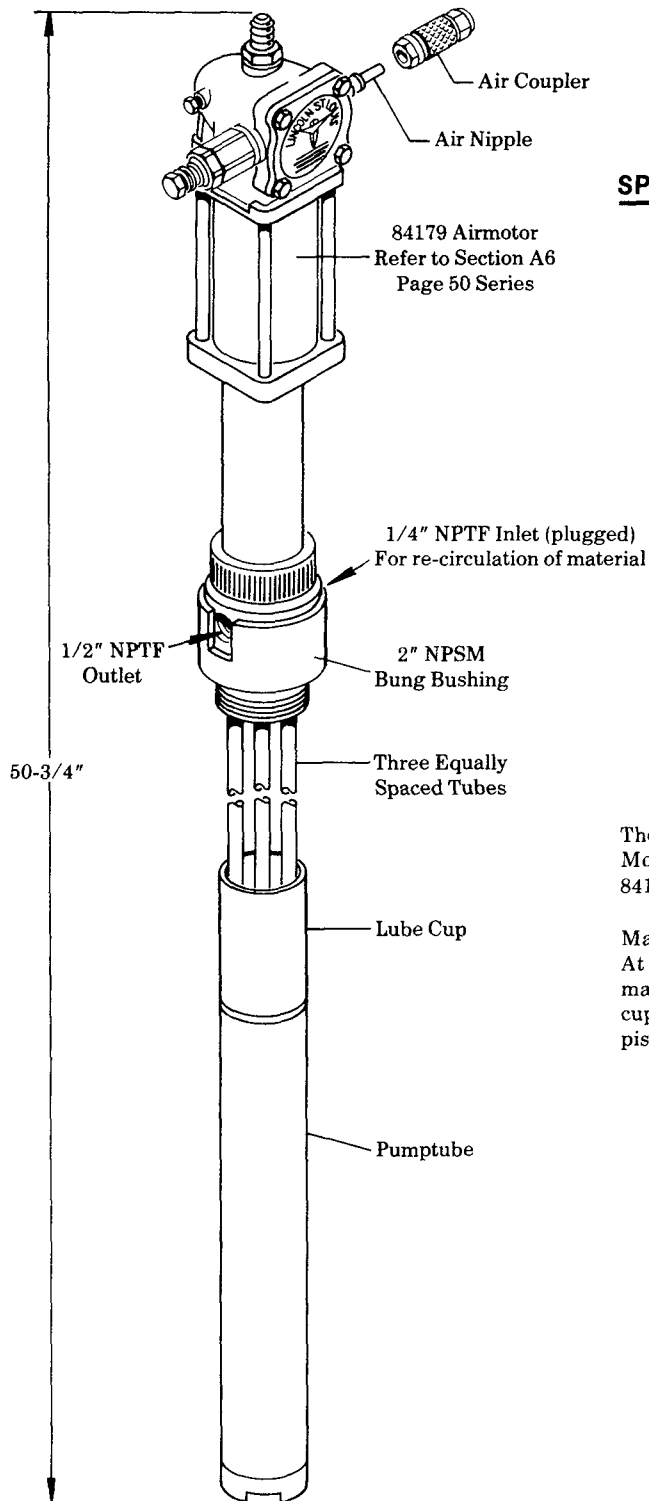


STAINLESS STEEL PUMP

55 GALLON DRUM SIZE
3:1 RATIO



Models 84080-9 84080-9A



SPECIFICATIONS:

MAXIMUM AIR PRESSURE - 125 PSI
MAXIMUM OPERATING TEMPERATURE - 480° F

WARNING
DO NOT OPERATE
WITH COMBUSTIBLE GAS

The Model 84080-9 Pump (w/glass-filled teflon packings) and the Model 84080-9A Pump (w/polyurethane packings) consist of an 84179 Airmotor and an AISI Type 316 stainless steel pumptube.

Material is pumped to the outlet through three equally spaced tubes. At the lower end of the tubes is a lube cup which is submerged in the material until the material level is pumped below this point. The lube cup retains enough material to fill the small cylinder, protecting the piston packings from dried or caked material.

MODEL	PUMPTUBE
84080-9	84186-9
84080-9A	84186-9A

LINCOLN ST. LOUIS

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CORPORATION

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SERVICE OF LOWER PUMPING UNIT

Loss of volume and pressure or continuous operation of pump when not in normal use indicates:

- 1) Drum is empty.
- 2) Foreign material lodged between 69681-9 Ball and 14886-9 Foot Valve. Inspect ball check and seat for foreign particles or wear.
- 3) Foreign material lodged between 66071-9 Ball and 14888-9 Piston. Inspect ball check and seat for foreign particles or wear.
- 4) Material by-passing the U-cup packings at one or both pistons. Replace packings. Inside of 61560-9 Pump Tube or 61561-9 Sleeve may be rough or scored. Remove and inspect, replace if necessary.

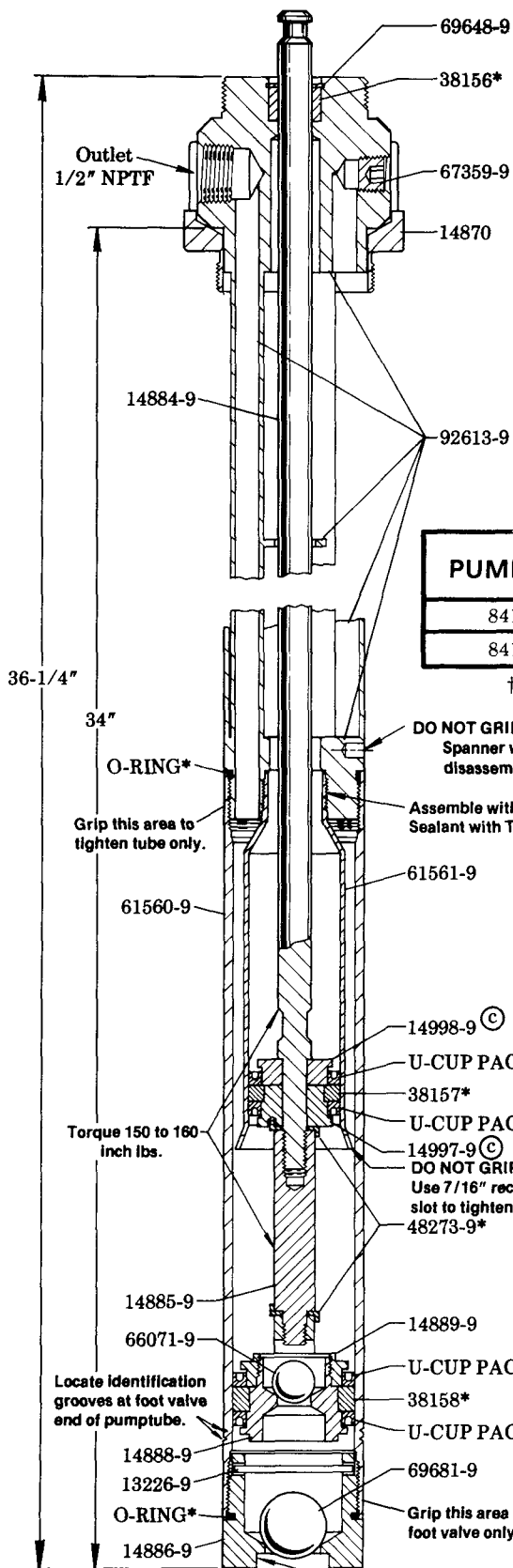
NOTE: Lubricate threads during assembly to prevent galling.

Recommended lubricants:

- 1) DOW CORNING "Molykote", M-8800 Molybdenum Disulfide.
- 2) DUPONT "Slipspray" dry lubricant.
- 3) "Teflon Spray"

PUMPTUBE	U-CUP "A" (2 Req'd.)	U-CUP "B" (2 Req'd.)	O-RING (2 Req'd.)	SERVICE KIT
84186-9	38154	38155	†	83069
84186-9A	34762	34763	34726	83070

†Loctite pipe sealant with Teflon, Model 84186-9 only.



DO NOT GRIP TUBE IN THIS AREA.
Spanner wrench hole used for disassembly of lower section.

Assemble with Loctite Pipe Sealant with Teflon.

Grip this area to tighten tube only.

Torque 150 to 160 inch lbs.

Locate identification grooves at foot valve end of pumptube.

DO NOT GRIP TUBE
Use 7/16" rectangular or square bar in slot to tighten. Torque to 40 ft. lbs.

Grip this area to remove foot valve only.

Use 1" rectangular or square bar to tighten. Torque to 100 ft. lbs.

© Indicates change

*Indicates parts included in service kits.

SERVICE KITS

PART	QUAN.		DESCRIPTION
	83069	83070	
34726	—	2	O-ring (Viton)
34762	—	2	U-cup packing (Polyurethane)
34763	—	2	U-cup packing (Polyurethane)
38154	2	—	U-cup packing (Teflon)
38155	2	—	U-cup packing (Teflon)
38156	1	1	Bushing
38157	1	1	Wear ring
38158	1	1	Wear ring
48273-9	2	2	Lockwasher

SERVICE PARTS

PART	QUAN.	DESCRIPTION
13226-9	1	Ball retaining pin
14870	1	Bung bushing
14884-9	1	Rod
14885-9	1	Rod
14886-9	1	Foot valve
14888-9	1	Piston
14889-9	1	Piston half
14997-9	1	Bushing
14998-9	1	Retainer
38156	1	Bushing
38157	1	Piston wear ring
38158	1	Piston wear ring
48273-9	2	Lockwasher
61560-9	1	Pump tube
61561-9	1	Sleeve
66071-9	1	Ball
67359-9	1	Pipe plug
69648-9	1	Retaining ring
69681-9	1	Ball
92613-9	1	Outlet body assembly

RETAIN THIS INFORMATION FOR FUTURE REFERENCE

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN ST. LOUIS provides a Distributor Network that stocks equipment and replacement parts.

A list of Authorized Service Departments will be furnished upon request.