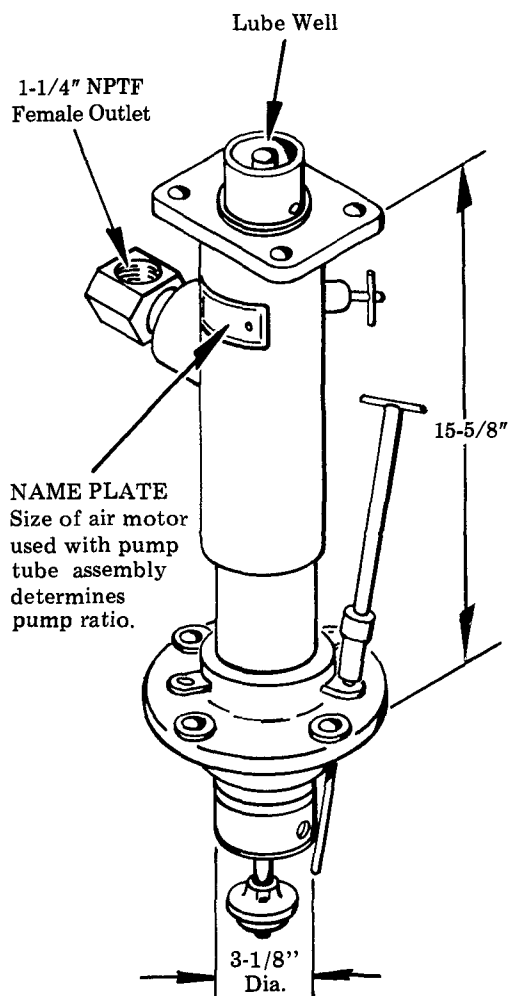
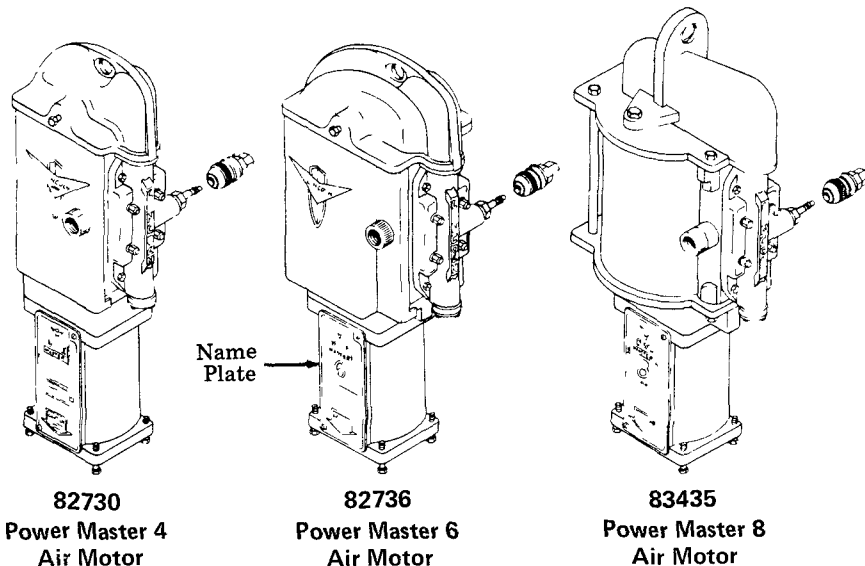


PILEDRIIVER PUMP



Model 2153, 2173, 2193, 83613

**DO NOT OPERATE THIS
UNIT WITH COMBUSTIBLE GAS**



GLAND PACKING LUBE WELL

Many materials such as ink, undercoating, buffing compounds etc., display a tendency to build up and dry out on the pump rod. These hard dried out materials cause the gland packings to wear out rapidly, resulting in leakage. If the material can be prevented from drying and hardening on the pump rod the gland packings can be expected to have a normal service life.

The lube well should be filled with a fluid compatible with the material that is to be pumped. This fluid will prevent the material from drying out on the pump rod and becoming abrasive.

The lube well is accessible for inspection and filling by removing the Power Master name plate from the side of the air motor.

Do not fill lube well to full capacity as the reciprocating movement of the air motor piston rod may draw the fluid into the air motor.

SPANNER WRENCH: 69278 For Pump Tube disassembly.
TEFLON GLAND KIT: 83963

Model No.	Power Master Air Motor	Pump Tube	Ratio	Max Air Pressure
2153	82730	83613	12:1	200
2173	82736	83613	24:1	100
2193	83435	83613	42:1	100

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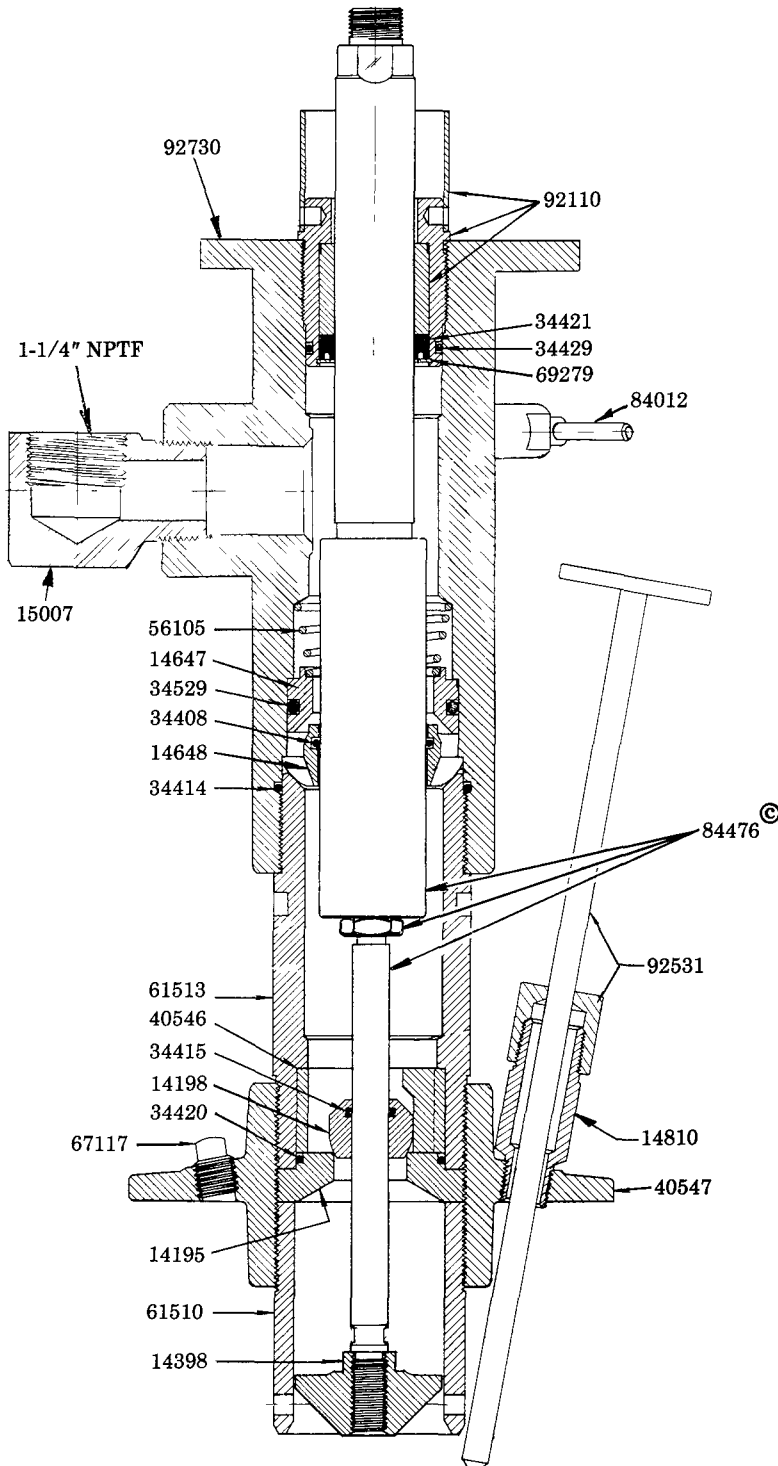
**SECTION -A50
PAGE -34D**

**83613
PUMP TUBE ASSEMBLY
SERIES "D"**

SERVICE OF LOWER PUMP TUBE

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

- 1) Material supply in drum may not be adequate.
- 2) Air supply may not be adequate. Check setting of air regulator of air supply line.
- 3) Pump may operate on the "down stroke" only, due to material by-passing around the 14647 Check. Inspect check, 14648 Check Bushing, 34529 O-ring, and 34408 O-ring for wear. Replace parts if necessary.
- 4) Pump is operating but not dispensing material. 14198 Check in foot valve is not seating. Inspect check and 14195 Check Seat for foreign particles or wear. Replace parts if necessary.
- 5) Material by-passing 34421 U-cup Packing in gland assembly. Inspect U-cup packing and replace if necessary.
- 6) Inspect for roughness or score marks on 84476 Plunger & Rod Assembly. Replace assembly if needed.



SERVICE PARTS

PART	DESCRIPTION
14195	Check seat
14198	Check
14398	Priming plunger nut
14647	Check
14648	Check bushing
14810	Adapter
15007	Street elbow
34408	O-ring
34414	O-ring
34415	O-ring
34420	O-ring
34421	U-cup packing
34429	Tetraseal
34529	O-ring
40546	Ball cage casting
40547	Adapter plate casting
56105	Check spring
61510	Tube
61513	Tube
67117	Pipe plug
69279	Retaining ring
84012	Bleeder valve
84476	Plunger & rod assembly
92110	Bushing & gland nut assembly
92531	Priming plug assembly
92730	Outlet body assembly

© Indicates Change

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.