

1875AXXXXXX

LOWER PUMP END

Also covers K1875AXXXXXX service kits



**READ THIS MANUAL CAREFULLY BEFORE INSTALLING,
OPERATING OR SERVICING THIS EQUIPMENT.**

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.
The original language of this manual is English.

GENERAL DESCRIPTION

⚠ WARNING DO NOT EXCEED MAXIMUM OPERATING PRESSURE AS INDICATED ON PUMP MODEL PLATE.

⚠ WARNING REFER TO GENERAL INFORMATION SHEET FOR ADDITIONAL SAFETY PRECAUTIONS AND IMPORTANT INFORMATION.

- This manual covers the lower pump section. It is one of four documents which support an ARO pump. Replacement copies of these forms are available upon request.
 - Pump Model Operator's Manual.
 - General Information for Air / Hydraulically Operated Piston Pumps.
 - Lower Pump End Operator's Manual.
 - Air / Hydraulic Motor Operator's Manual.

MAINTENANCE

The air / hydraulic motor is completely separate from the lower pump end. This helps to keep the motor from being contaminated by the material being pumped. Periodically, flush entire pump system with a solvent that is compatible with the material being pumped.

Keep solvent cup filled with this compatible solvent. This will keep the material from drying on the piston rod, which would drag through the packings, ruin them and eventually scour the piston rod.

Provide a clean work surface to protect sensitive internal moving parts from contamination from dirt and foreign matter during disassembly and reassembly.

Before reassembling, lubricate parts as required. When assembling "O" rings, or parts adjacent to "O" rings, exercise care to prevent damage to "O" rings and "O" ring groove surface.

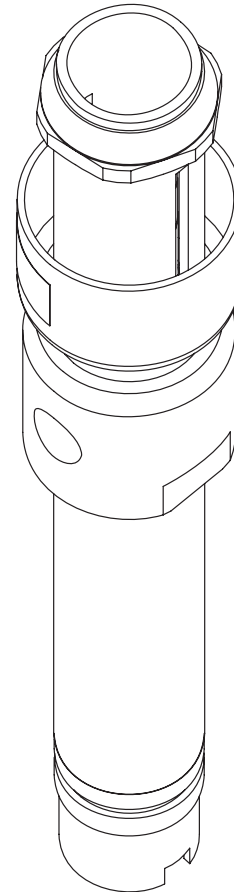


Figure 1

MODEL DESCRIPTION CHART

1875 A X X X X X X

Inside Diameter of Pump Cylinder
1875 - 1.875" I.D.

Check Type / Wetted Material
A - Two Ball, Carbon Steel

Container Suitability
1 - Remote Mounting
2 - 5 gallon
5 - 55 gallon
8 - Remote Mounting with Optional Inlet
9 - 5 gallon with Optional Piston

Inlet / Outlet Thread Type
1 - SAE

Upper Packing
F - UHMW-PE
H - UHMW- PE / Leather Staggered
K - Filled PTFE
L - Leather
S - Virgin PTFE
U - Filled PTFE / Leather Staggered

Lower Packing
F - UHMW-PE
L - Leather
S - Virgin PTFE

Spring Type / Solvent Cup
2 - Coil Spring, Standard Solvent Cup

Plunger Type
4 - Carbon Steel, hard Chrome Plated
D - Carbon Steel, Hard Chrome Plated Alternate Piston

PARTS LIST

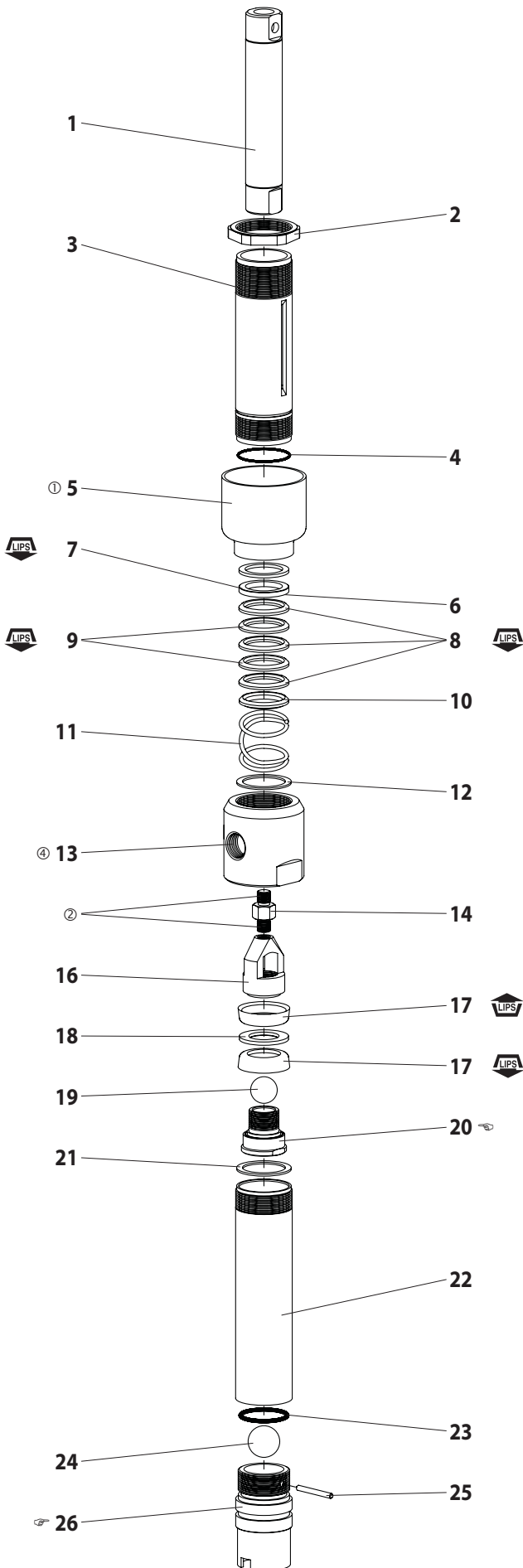


Figure 2

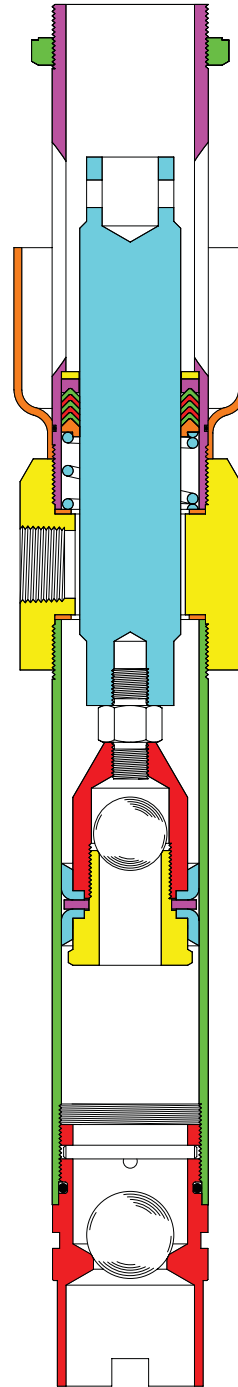


Figure 3

ASSEMBLY TORQUE REQUIREMENTS

NOTE: DO NOT OVERTIGHTEN FASTENERS.

(20) inner check seat, 65 - 70 ft lbs (88.1 - 94.9 Nm).

(26) foot valve seat, 150 - 175 ft lbs (203.4 - 237.3 Nm).

LUBRICATION / SEALANTS

- ① Keep solvent cup filled with a lubricant such as Wet-Sol "Plus" or equivalent.
- ② Apply Loctite® 242® to threads.
- ③ Apply Shell Gadus® S2 U1000 to all threads and (12 and 21) washers.
- ④ 3/4 - 14 NPTF - 1