

Operation MANUAL

50 lb Grease Pump Kit - Heavy Duty

Prod. No. 350306
Mod. No. JAGP-25



Owner / User Responsibility

The owner and / or user must have a thorough understanding of the manufacturer's operating instructions and warnings before using this piece of equipment. Personnel involved in the use and operation of equipment shall be careful, competent, trained, and qualified in the safe operation of the equipment and its proper use. Warning information should be emphasized and understood. If the operator is not fluent in English, the manufacturer's instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser / owner, making sure that the operator comprehends its contents.

Owner and / or user must study and keep for future reference the manufacturer's instructions. Owner and / or user is responsible for keeping all warning labels and instruction manuals legible and intact.

Before Use

- 1) Verify that the product and the application are compatible.
- 2) Before using this product, read the owner's manual completely and familiarize yourself thoroughly with the product and the hazards associated with improper use.
- 3) Assemble cart or dolly.
- 4) Place grease pail on cart or dolly.
- 5) Place follower plate firmly on top of grease to ensure the follower will move with the grease.
- 6) Place drum cover over outer rim of pail and secure with screws provided.
- 7) Insert pump assembly through cart support arm, drum cover and follower plate and secure to cart support arm and drum cover with set screws.
- 8) Attach lubricant hose to pump, connection must be leakproof.
- 9) Attach "Z" swivel (if provided) to lubricant hose and control valve.
- 10) Attach air hose to pump assembly, connection must be leakproof.
- 11) NOTE: It is recommended that a filter / regulator / lubricator be installed in the air supply line to provide a clean, dry air source. It is also highly recommended that a SAFETY SHUT OFF BALL VALVE, be installed in the air supply line, close to the pump assembly in case of emergency.

Operation

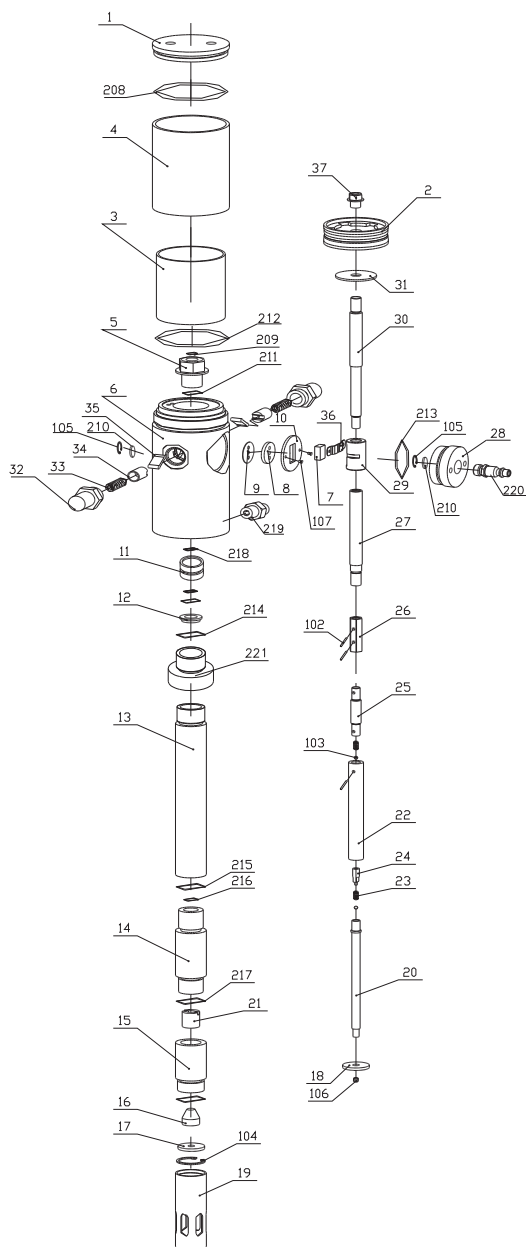
- 1) This pump will deliver grease at a ratio of 50:1, for example, 90 PSI air input will result in 4,500 PSI output of grease.
- 2) To begin grease delivery, ensure a secure connection to the grease fitting and squeeze the trigger of the control valve.
- 3) Releasing trigger of control valve will stop flow of grease and shut off pump.
- 4) When pump is not in use, shut off air supply to pump.

WARNING

These pumps can generate very high fluid pressure. Before each use, make sure safety devices are in place and operating properly. Do not alter or modify any part of the equipment, as this may result in fire, explosion, property damage or serious bodily injury, including injecting fluid through the skin or splashing in the eyes. To reduce the risk of serious bodily injury or property damage, never exceed the maximum air or fluid working pressure of the lowest rated system component. NEVER point the control valve at any person or towards skin.

Compression Ratio	50:1
Air Operating Pressure (bar - PSI)	5-8 / 70-115
Maximum Air Inlet Pressure (bar - PSI)	8 / 115
Air Consumption (cfm)	4.3 cfm @ 115 PSI
Maximum Free Flow Rate	800 g/min - 1.76 lbs/min
Tube Diameter (mm - inch)	480 / 19
Suction Tube Length (mm - inch)	740 / 29
Suitable for Drum Size (kgs - lbs)	20 - 30 / 44 - 66
Air Inlet Connection	1/4"
Oil Delivery Connection	1/4"
Noise Level (dB)	82

50:1 Air Operated Grease Pump



No. Description

1	Air Motor Cover
2	Piston
3	Air Motor Shell (inside)
4	Air Motor Shell (outside)
5	Bracket
6	Air Control Center
7	Slider
8	Gasket
9	Soft Gasket
10	Securing Washer
11	Bracket
12	Washer
13	Connecting Tube
14	Piston Shell
15	Valve Seat
16	Taper Washer
17	Filter
18	Shovel Washer
19	Suction Tube
20	Shovel Rod
21	Valve
22	Piston
23	Spring
24	Spring Seat
25	Connecting Shaft
26	Connecting Shell
27	Middle Shaft
28	Air Centre Cover
29	Slider Shell
30	Piston Shaft

No. Description

31	Washer
32	Spring Shell
33	Spring
34	Spring Seat
35	Trip Shoe Guide
36	Slider Bracket
37	Nut
102	Pin
103	Ball
104	Circlip
105	Small Circlip
106	Nut
107	Screw
208	O-Ring
209	O-Ring
210	Silencer
211	O-Ring
212	O-Ring
213	O-Ring
214	O-Ring
215	O-Ring
216	O-Ring
217	O-Ring
218	O-Ring
219	Outlet
220	Air Fitting
PRK	Repair Kit
P07K	(7, 8, 9, 10, 36)
P17K	(1 x 17, 18, 104, 106)
P32K	(2 x 32, 33, 34, 35)

When ordering parts, specify model number and part required