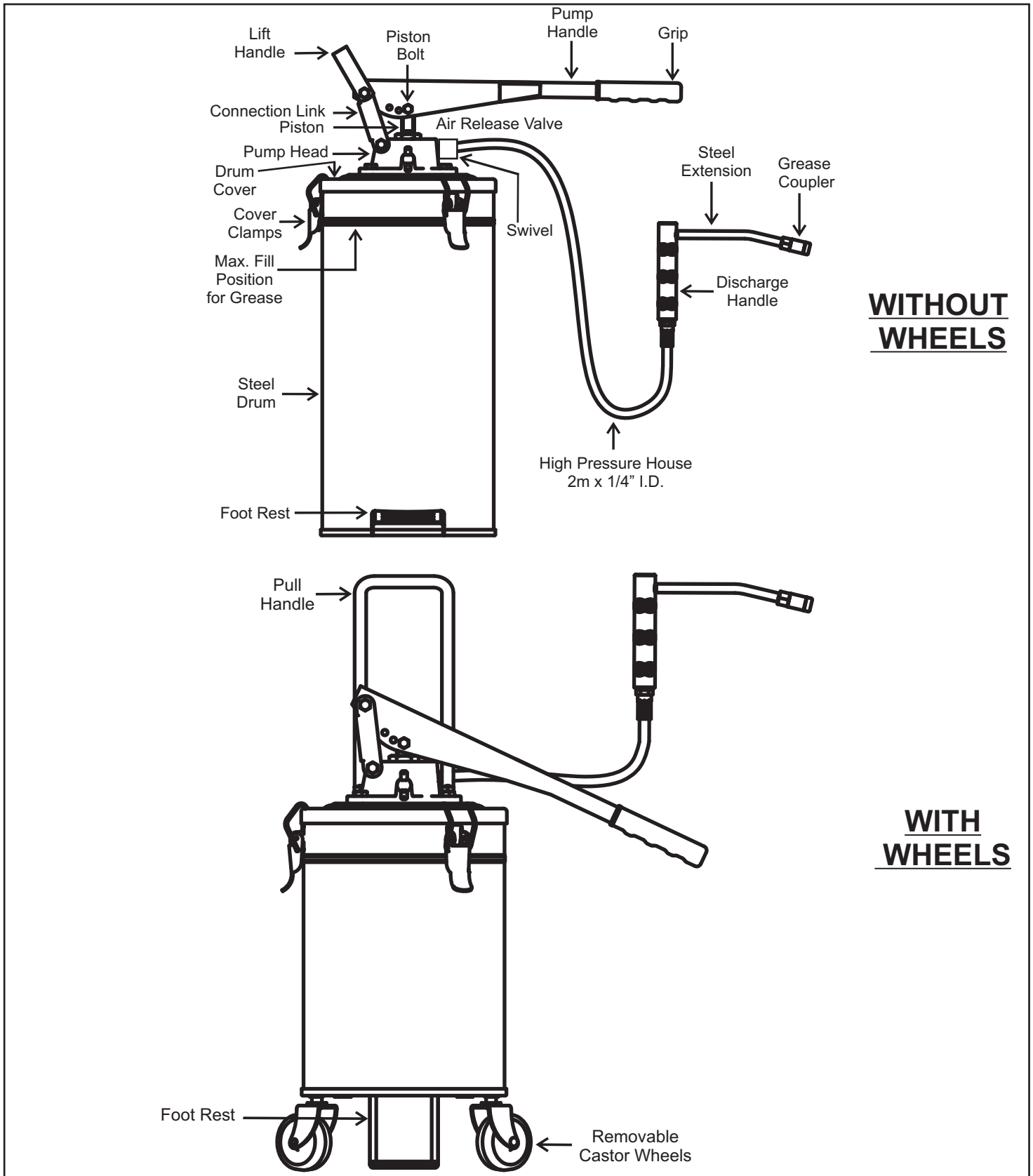




INSTRUCTIONS FOR USE BUCKET GREASERS



Congratulations on your purchase of this world-class premium construction Bucket Grease Pump.



**WITHOUT
WHEELS**

**WITH
WHEELS**

The pump comes in different configurations. Most popular forms are detailed below:

Model # (With Wheels)	Model # (Without Wheels)	Bucket Capacity
VGP/6	VGP/6A	6 Kg (13 lbs.)
VGP/10	VGP/10A	10 Kg (22 lbs.)
VGP/15	VGP/15A	15 Kg (33 lbs.)

Features

1. High volume - High pressure grease pump, ideal for greasing earth moving & agricultural equipment, automotive applications & anywhere where quick volume greasing is required
2. Aluminum Die Cast Pump Head with Air Release Valve fitted on the Pump Head
3. Variable Handle Setting allows convenient use of the pump with grease of varying viscosity
4. Steel Drum Cover, Bucket & foot Rest
5. Built in Lift handle
6. Rubber Lining Follower Plate for forcing out trapped air in grease
7. Includes 2 m x 1/4" ID High pressure rubber hose (SAE 100 R2) , fitted with steel handle , extension & coupler
8. Swivel Adapter at Pump outlet for convenient handling of hose
9. Pump develops upto 4000 PSI (275 BAR)
10. Delivers upto 9 gms per stroke (1 oz. per 3 strokes)
11. Select models are with wheels for ease of use

Piece Count

1. Pump Assembly (Pump Fitted onto a Steel Grease Bucket)
2. Lever Handle with fixing bolts & nuts
3. Rubber Lining Follower Plate
4. High Pressure Hose fitted with steel handle, extension & coupler
5. Removable Castor Wheels*
6. Pull Handle*

* Only on Models with wheels

Wetted Components

Steel, Aluminum, Brass & Nitrile Rubber

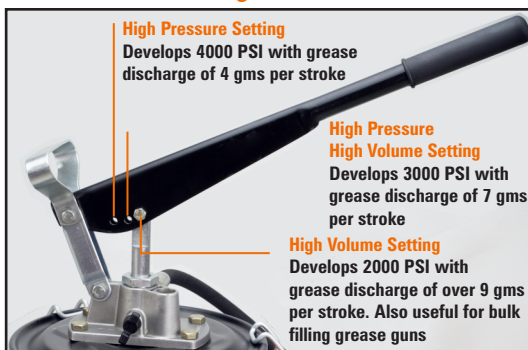
Recommended Use

For use with NLGI No. 1, 2 & 3 Greases

Getting Started

1. Remove the pump assembly from the box .In addition to the pump unit , there would be a Lever Handle placed separately
2. Assemble the Lever Handle with the Connecting Link.
3. You have a choice of 3 holes into which the pump piston could be assembled.

Variable Handle Setting



- Hole Closest to the Connecting Link: Assembly of the piston into this hole allows the pump to develop High pressure upto 4000 PSI (275 BAR) & deliver 4 gm of grease per stroke. This position is suggested when using thick grease
- Hole Farthest from the Connecting Link: Assembly of piston into this hole allows the pump to deliver high volume of grease upto 9 gms per stroke & a pressure upto 2000 PSI. This position is ideal when using thin grease
- Middle Hole: Assembly of piston into this hole allows the pump to develop upto 3000 PSI (206 BAR) pressure & deliver approx. 7 gms of grease per stroke. This position is good for all general purpose applications

4. Now open the 3 Cover Clamps & remove the drum cover assembly from the grease drum
5. Clean the inside of the grease drum , ensuring that no foreign particles stay inside
6. Transfer clean grease into the grease drum. Do not fill the drum till the top, but only till the Max. Fill Position marked on the drum
7. Now place the Rubber Lining follower plate onto the grease & push it down. Keep pushing it till grease starts coming out of the centre hole. The rubber edges of the follower plate must rub against the inside walls of the steel bucket
8. Place the Drum cover assembly back onto the Grease bucket. When doing so, the steel pump must be inserted from the centre hole in the follower plate. Place the drum cover on the edges of the Grease drum & close all 3 Cover clamps

9. Shake the drum a little so as to settle / compress the grease inside
10. Start operating the lever handle, till grease starts flowing out of the coupler fitted at the end of the hose. This may take upto about 20 strokes when using the pump for the first time
11. If pump still does not dispense grease, then shake the bucket a little more to compress the Grease inside. Additionally open the Air Release Valve on the Pump Head & operate the lever handle till grease starts coming out of valve. This way any trapped air gets released .Once grease starts coming out, close the valve.

The pump is now ready for use

Pump Operation

1. This is a Hand Operated Pump & must only be used by Hand Force. Never use foot , hammer , pipe etc. to operate the pump
2. To ensure that pump does not lift when in use, keep one foot onto the Foot Rest provided. Never keep your foot onto the Drum Cover

Greasing a Grease Fitting / Grease Nipple

The grease coupler provided at the end of the extension has a jaw type construction. The coupler jaws will snap on to a grease fitting and maintain a tight fit. When connecting the coupler to the grease fitting, press the coupler straight onto the grease fitting to form a snug fit. Start operating the Lever handle with the coupler as square to the grease fitting as possible. Once greasing is completed, slightly tilt the coupler, twist and pull back. The tilt and twist action will allow easy removal of the coupler from the grease fitting.

Maintenance

Using Clean Grease will give you years of trouble free use. Make sure that Grease use is not contaminated.

TROUBLESHOOTING

Sr. Nr	PROBLEM	CAUSES	REMEDY
1.	Pump does not Dispense Grease	1.Air Pockets / Trapped Air in Grease 2.Follower plate got stuck 3.Very Thick Grease. mainly in cold weather 4.Contaminants causing blockage	1. Follow Step 11 above 2. Open the Drum Cover . Resettle the Follower Plate & follow steps 8 to 12 above 3.Warm the Grease Bucket a little 4. Dis-assemble the pump to remove the blockage
2	Grease leaks from top of the pump head	Worn Plunger Rod Seal	Replace the seal. This is a commonly wearing part & available as a spare part

CAUTIONS



1. Pump should be operated by trained personnel only
2. Always wear Safety Goggles when using the pump
3. Always use Gloves when using the pump
4. Do not point the discharge end towards yourself or anyone as there is potential hazard for injection into skin / eyes
5. Never allow any part of the body to come in contact with the operating fluid
6. Before operating the pump , check hose for signs of wear , leaks or loose connections. If hose is weak , worn or damaged, replace the hose immediately
7. In case of an accident, immediately seek emergency medical attention. Do not try to treat the injury yourself
8. Use only genuine factory parts for repair
9. Do not smoke when using / near the pump
10. Do not use the pump near a source of spark / open flames etc.