

Bucket Grease Pumps

VGP

High volume - High Pressure grease pump, optimal for greasing earth moving & agricultural equipments, automobile applications & also where quick greasing is required.

Delivers upto 9 gms. of grease per stroke, which is twice the amount of grease discharge by any other pump.

Pump develops pressure up to 4,000 PSI (275 bar).

Some models are equipped with wheels for ease of use.

Swivel connector for easy maneuverability of high pressure hose.

Built-in Lift Handle.

Variable handle setting permits convenient use of the pump with wide range of greases.

Air Release Valve fitted on aluminum die cast Pump Head for removing air pockets in grease.

WETTED COMPONENTS

Steel, Aluminium, Brass & Nitrile Rubber*, HDPE**

RECOMMENDED USE

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



FEATURES

PRESSURE (HIGH PRESSURE SETTING)	DELIVERY (HIGH VOLUME SETTING)
4,000 PSI (275 BAR)	UPTO 9 GMS/ STROKE (0.30 OZ / STROKE)

WARNING



SPECIFICATIONS

CAT NR. WITHOUT WHEELS	CAT NR. WITH WHEELS	BUCKET CAPACITY
VGP/3A	—	3 kg (6.6 lb.)
VGP/6A	VGP/6	6 kg (13 lb.)
VGP/10A	VGP/10	10 kg (22 lb.)
VGP/15A	VGP/15	15 kg (33 lb.)
—	VGP/20	20 kg (44 lb.)

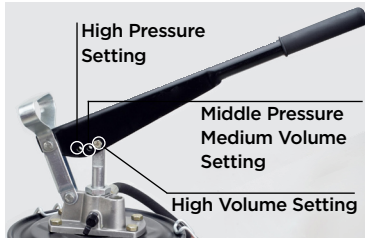
REPAIR KIT

KIT/05/VGP	Common for all models
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INSTALLATION

1. Remove the pump assembly from the box.
2. Assemble the pump handle with the connecting link.
3. Handle settings can be varied depending on the grease to be pumped:



- **High Pressure Setting:** Assembly of the Piston Rod with this hole allows the pump to develop High pressure upto 4000 PSI (275 BAR) and delivers upto 4 gm of grease per stroke. This position is advised while using thick grease.
 - **Middle Pressure Medium Volume Setting:** Assembly of Piston Rod into this hole allows the pump to develop upto 3000 PSI (206 bar) and delivers upto 7 gms. of grease per stroke. This position is good for all general purpose grease applications.
 - **High Volume Setting:** Assembly of Piston Rod into this hole allows the pump to deliver high volume of grease (Upto 9 gm per stroke) and a pressure upto 2000 PSI (138 bar). This position is best while using thin grease.
4. Open the three cover clamp and pull out the pump assembly.



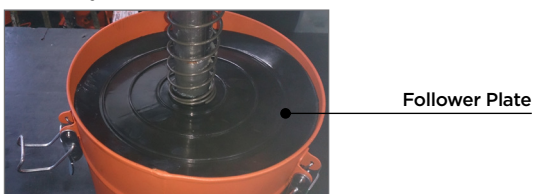
5. Clean the inside of the steel drum, ensuring that no foreign particles stay inside.
6. Fill the steel drum with clean grease.



WARNING

Do not fill the drum till the top, but only till the Max. grease level marked on the drum.

7. Insert the whole drum cover assembly into the bucket keeping the follower plate horizontal.
8. Push the follower plate downward to spread the grease uniformly inside the bucket.



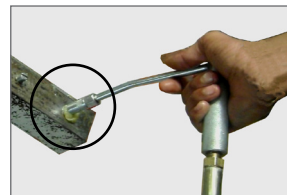
9. Lock the cover plate with the bucket using the clamps.

OPERATION

1. Place one of your foot on the foot rest.
2. Hold the Pistol nozzle in one hand.
3. Start operating the lever handle till grease starts coming out of the grease coupler. This may take 20 strokes when using the pump for the first time.



4. If even after 20 strokes the pump does not dispense grease, then shake the bucket and prime the pump. (Refer "Priming")
5. Connect the grease coupler with the grease fitting of the equipment that needs to be lubricated.



6. Start operating the pump again till grease starts coming out from the coupler.
7. Once the greasing is done, detach the Grease Coupler from the grease fitting.

PRIMING

When using the pump after a refill, sometimes there is a possibility that grease does not come out of the coupler even after repetitive strokes. There might be a possibility of air pockets trapped inside the bucket or the pump assembly. To remove these pockets priming is required:

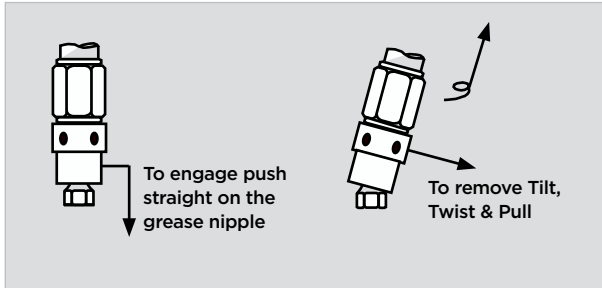


1. Unscrew the Air Release Valve cap on the pump head.
2. Operate the pump using the lever.
3. When the grease starts coming out smoothly from the air release valve, tighten the valve cap.

CONNECTING THE GREASE COUPLER

The Grease Coupler provided at the end of the nozzle has jaw type construction. The coupler jaws will snap on to a grease fitting and maintain a tight fit.

1. When connecting the coupler to a grease fitting, press the coupler straight on to the grease fitting to form a snug fit.
2. Once greasing is completed, slightly tilt the coupler, twist and pull back.
3. The tilt and twist action will allow easy removal of the coupler from the grease fitting.



CAUTIONS

1. Do not point the discharge nozzle towards yourself or anyone as there is a potential hazard for injection into the skin or eyes.
2. Before operating the pump check the hose for signs of wear, leaks or loose connections. If hose is weak, worn or damaged, replace the hose immediately.
3. In case of an accident, immediately seek medical attention. Do not try to treat the injury yourself.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Pump does not dispense grease	Air pockets/trapped air inside grease	Follow Priming steps
	Follower plate got stuck	Open the drum cover and resetttle the follower plate.
	Very thick grease mainly in winter	Warm the grease bucket a little
	Contaminants causing blockage	Open the drum cover and remove the blockage
Grease leaks from top of the Pump head	Worn piston O-ring	Replace the O-ring.

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