

JohnDow **Industries**

151 Snyder Ave.

Barberton, OH 44203

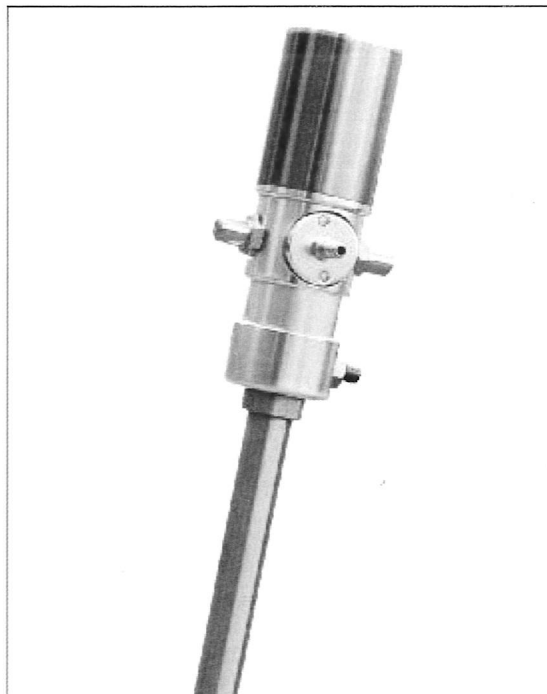
50:1 Grease Pump

Model No.: JDL-3640

Model No.: JDL-3650

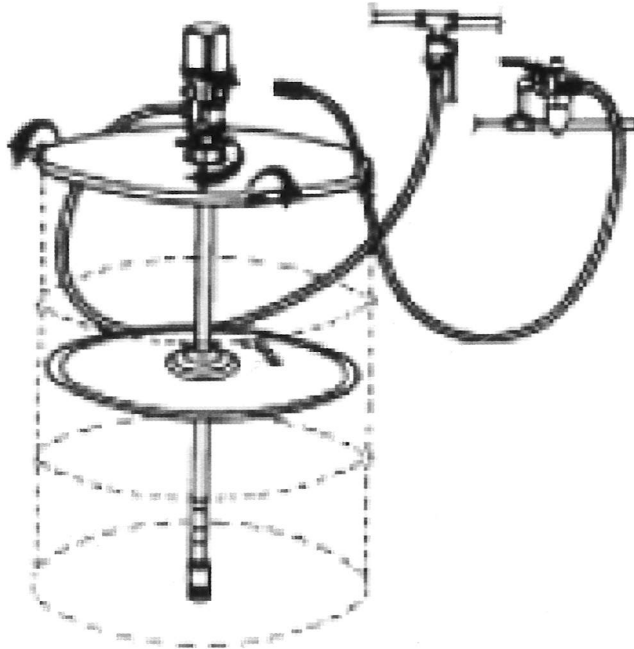
Model No.: JDL-3655

Owners Manual



Grease pump 50:1- Operating Instructions

Please read the following instructions and warnings prior to use. Failure to comply with these instructions could result in personal injury or property damage. Keep these instructions in a convenient location for future reference.



Product Details

Compressed air operated reciprocating pumps are designed for high pressure.

For use with most common grease (up to NLGI-2 consistency)

Below are specifications for various pumps

Specifications

	JDL-3640	JDL-3650	JDL-3655
Compression ratio	50:1	50:1	50:1
Operating pressure(bar)	5-8 bar / 70-115 psi	5-8 bar / 70-115 psi	5-8 bar / 70-115 psi
Drum Application	20-30 kg / 25-35 lbs	50-60 kg / 120 lbs	180-200kg / 400 lbs
Tube length	480 mm	740 mm	940 mm
Tube diameter(mm)	30 mm	30 mm	30 mm
Air inlet connection	1/4" quick coupling		
Grease outlet connection	Male 1/4 "		

Storage and Maintenance

Contaminants in compressed air can slow down and even block the motor cylinder. To avoid this follow the steps below:

- 1) Add air lubrication to the air inlet weekly.
- 2) Operate pump for several minutes to assure lubrication has worked into the pump.
- 3) Repeat as necessary.

Note:

Perform only routine maintenance operations such as filters, silencers, cleaning. Contact our service department for all major issues.

Operating Instructions:

Pump installation

1. If pump is applied to a high viscosity grease, or used in low temperature, a grease follower plate is recommended to avoid air pockets.
2. Loosen the bung adaptor or wall bracket adaptor star nut. Slide the bung adaptor off of the suction tube.
3. Carefully place the pump through the bung adaptor and the follower plate. Then tighten the star nut firmly in order to attach the pump. The follower plate, is pulled to the bottom of the drum by suction.

Connection of the air inlet line

1. Attach quick coupler to air inlet.
 - a. Quick Coupler to be supplied by the customer.
2. Installation of a air lubricator is also recommended.

Note:

1. An air valve is required stop the pump as needed.
2. Maximum air input: 8 bar / 116 psi.
3. Air regulator should be installed.

Grease Discharge Connection

- * The discharge outlet is a 3/8" thread.
- * Connect the outlet to the high pressure hose (according to DIN-SAE standards).
- * Confirm the gun or corresponding valve is closed.
- * Slowly open the pump's compressed air inlet valve. The pump will start to function, filling the feed circuit with grease.
- * Maintain pressure on the gun until the grease starts coming out. The pump is now ready for operation.

Replacement of Swivel Seal

1. Turn off and disconnect supply line from swivel inlet.
2. Remove swivel assembly from reel axle.
3. Remove clip from swivel, and take apart. Note: You may want to remove swivel from reel hose end, but this is not necessary unless a new swivel is being installed.
4. Replace the seals and reassemble swivel.
5. Use Teflon type or thread sealant on swivel thread fitting, reconnect the swivel thread fitting with axle.
6. Re-connect inlet supply line.

Replacement of Hose

1. Turn off supply to reel.
2. Pull out all the old hose and lock the reel in this position.
Caution: Make sure reel drum is securely locked and cannot rotate back.
3. Remove two hose clamps from hose.
4. Carefully disconnect hose from swivel joint on side of reel, or male fitting in axle center and remove old hose.
5. Feed new hose through guide and opening in drum, and connect to swivel. Re-install two hose clamps, on inside and outside of drum flange. Install stopper on other end of hose in the same position as before.
6. Carefully release the drum latch, and slowly allow the hose to wind onto the reel.
Note: Final spring adjustment is accomplished by adding or removing wraps of hose around the drum. (Details see spring tension adjustment).

Spring Canister Warning

If the rewind spring fails for any reason: For safety reasons, the manufacturer strongly recommends the replacement of the spring canister be carried out by a professional mechanic.

Limited Warranty

1. The manufacturer warrants this hose reel against defects in material and craftsmanship, for a period of 12 months from date of purchase.
2. Hose, if supplied with reel, O-rings, plastic rollers and rubber stopper are deemed to be normal wear items; not warranted.
3. Manufacturer's liability is limited to replacement or repair of defective material within the warranty period, when returned freight prepaid to the distributor or their designated service depot.
4. The warranty does not cover damage caused by accident, misuse or faulty installation. 5. The reel must be installed and maintained in compliance with the instructions.

For Service Assistance
Phone Toll Free
1-800-433-0708