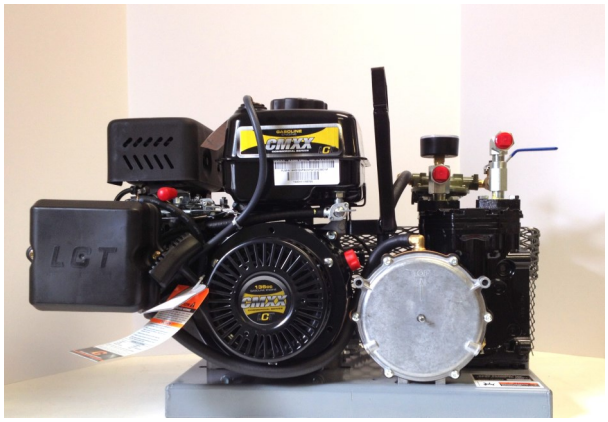
Krug Vapor Compressor

TOPS FOR EFFICIENT TRANSFER
OF
BUTANE, PROPANE, AND ANHYDROUS AMMONIA



H50LPL (LP Powered)

H50GL (Gas Powered)

Engine Spec's

- 4HP Overhead valve Lauson Engine
- Spark arresting muffler
- Shielded electronic ignition
- On-Off switch
- Available with Gasoline or LP carburetion

- Economical way in which to transfer, evacuate or purge tanks
- Environmentally friendly, once the connections are made it is a closed loop system with little chance of leaks
- Saves your truck pump from damages use his unit for evacuating tanks
- Capacity 19 to 55 GPM depending on piping

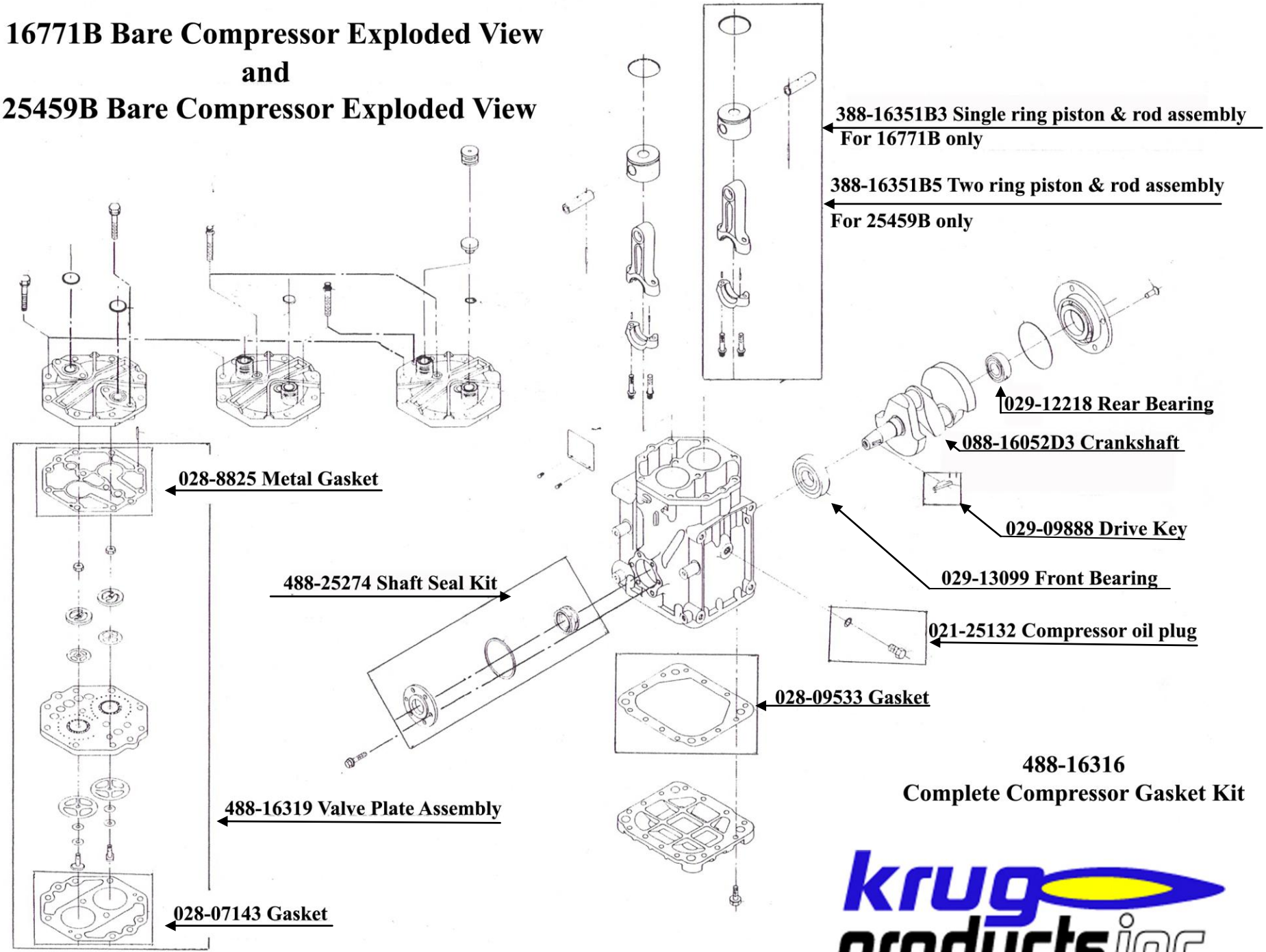
Compressor Spec's

- 2 cylinder 10.7 cu. In. displacement
- Suction port 1/2 in FMPT
- Discharge port 1/2 in FMPT with pressure gauge
- 1000 RPM

krug products inc.

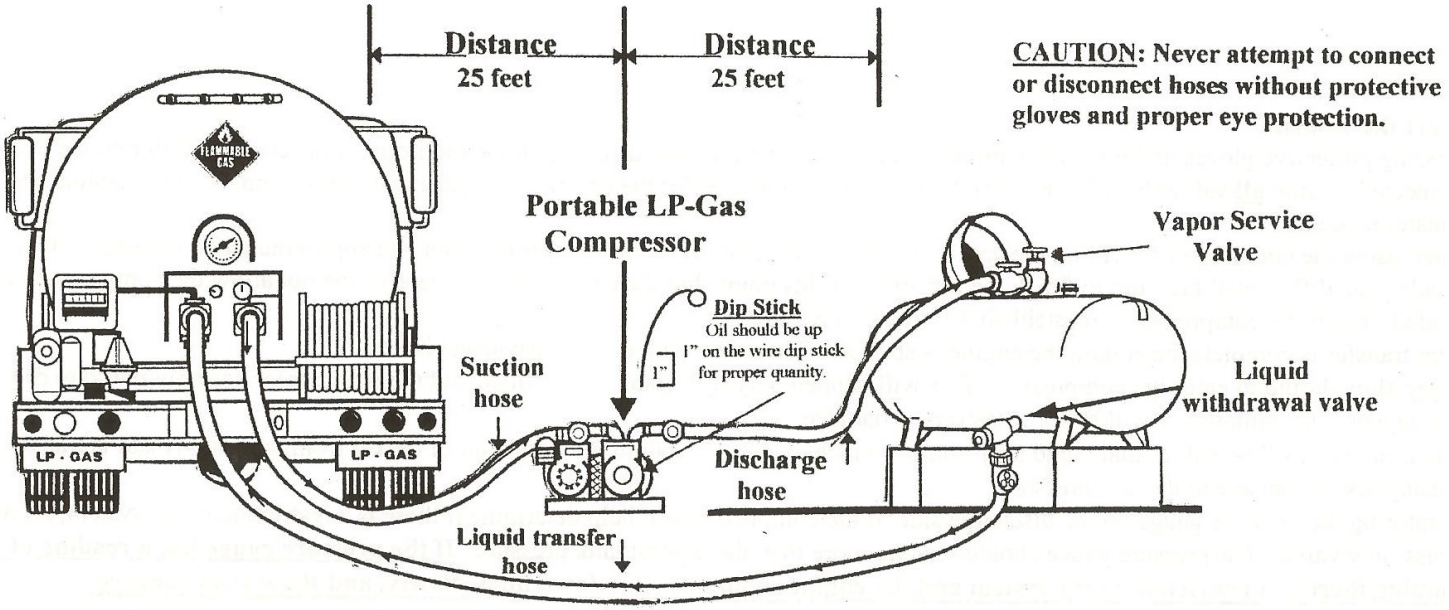
P.O. Box 387, Madison, SD 57042
Phone (605) 256-2851 Toll Free (800) 259-2851
Fax (605) 256-4467 Email: krugprod@iw.net
krug.products@gmail.com

16771B Bare Compressor Exploded View
and
25459B Bare Compressor Exploded View



488-16316
Complete Compressor Gasket Kit

krug products inc.



WARRANTY VOID IF INSTRUCTIONS ARE NOT READ AND FOLLOWED

INSTRUCTIONS FOR ORERATING THE KRUG VAPOR COMPRESSOR

Before you start:

1. Carefully inspect your compressor for shipping damages. Report any damage to the freight carrier immediately.

2. Check oil levels in both the engine and the compressor.

3. Your Krug Vapor Compressor is factory charged with 8oz of 40w. non-detergent oil. 30w would also be acceptable. This would be **1 inch on the dip stick. (Note: Dip Stick Drawing)**

Oil must be checked and added at the oil plug located on either side midway up the compressor block. **When checking the oil level of the compressor the compressor can not be coupled to the transfer tank.**

4. The engine is shipped without oil in the crankcase. Oil must be added before starting the engine.

5. The compressor must run a few minutes without a load, prior to putting it into service. This is to rid the cylinders of any oil that may have accumulated during shipping.

* In order to run an LP carbureted compressor without a load, you will need a short lose hose assembly connected to a low pressure regulator and a 20# cylinder, prime and start the engine.

INSTRUCTIONS CONTINUE ON BACK SIDE

To Start the Transfer:

1. Wearing protective gloves and proper eye protection connect suction hose, discharge hose and liquid hose. After all the hoses have been connected be sure **all** valves have been opened. Allow a few minutes for the pressure to equalize in the system. Start the engine and begin the transfer process.
2. When using the compressor for filling the applicator tanks, we recommend that the compressor run approximately 5 minutes. This should create an adequate differential pressure to finish the transfer. At this point shut the engine off completely. Do not allow the compressor to idle. If needed, restart the compressor to reestablish differential pressure.
3. After transfer is complete, be certain the engine is shut off. Then close valves and disconnect hoses.
4. Never allow liquid to enter the compressor. This will happen only if the tank is overfilled and the compressor had only liquid to draw from. If this happens the compressor will suffer catastrophic damages.
5. Watch for excess flow valves that could snap shut. If this happens, it is possible to draw all of the oil from the compressor crankcase, causing severe damage to the compressor.
6. Monitoring the pressure gauge on the discharge side of the compressor will help determine if there is a restriction in the system, such as a closed excess flow valve. The pressure gauge should read no more than the highest tank pressure. **If the pressure gauge had a reading of 175psi and climbing there is a restriction in the system and the engine should be shut down immediately, and the system checked.**
7. A liquid transfer hose with the ID of no more the 3/4 inch is recommended. In high heat transfer situations, ou may need to use liquid transfer hose of 1/2 inch ID or less to slow down the transfer.

NOTE: INSTALLATION AND USE FO THE COMPRESSOR MUST CONFORM TO ALL LOVAL AND ANTIONAL CODES
(NFPA PAMPHLET #58 CURRENT ISSUE)

WARRANTY INFORMATION

We guarantee the merchandise manufactured by us to be free from defect in material and workmanship for a period of one year. Our obligation and liability under this warranty shall be restricted to repair or replacement at our factory; any part or parts which shall be returned to us with transportation charges prepaid and which upon examination by us prove to our satisfaction to be defective. We assume no liability of the products that are improperly used or used for any purpose other than that for which they are specially designed. This warranty shall not apply to any merchandise which has been repaired, altered or assembled outside our factory in any way so as in our judgment to affect its performance, nor which has been subjected to misuse, negligence, or accident nor to any merchandise operated contrary to our printed instructions. We will not allow or be liable of any loss or any damages of any kind in connection with the use, sale, or repair of any merchandise purchased from us.