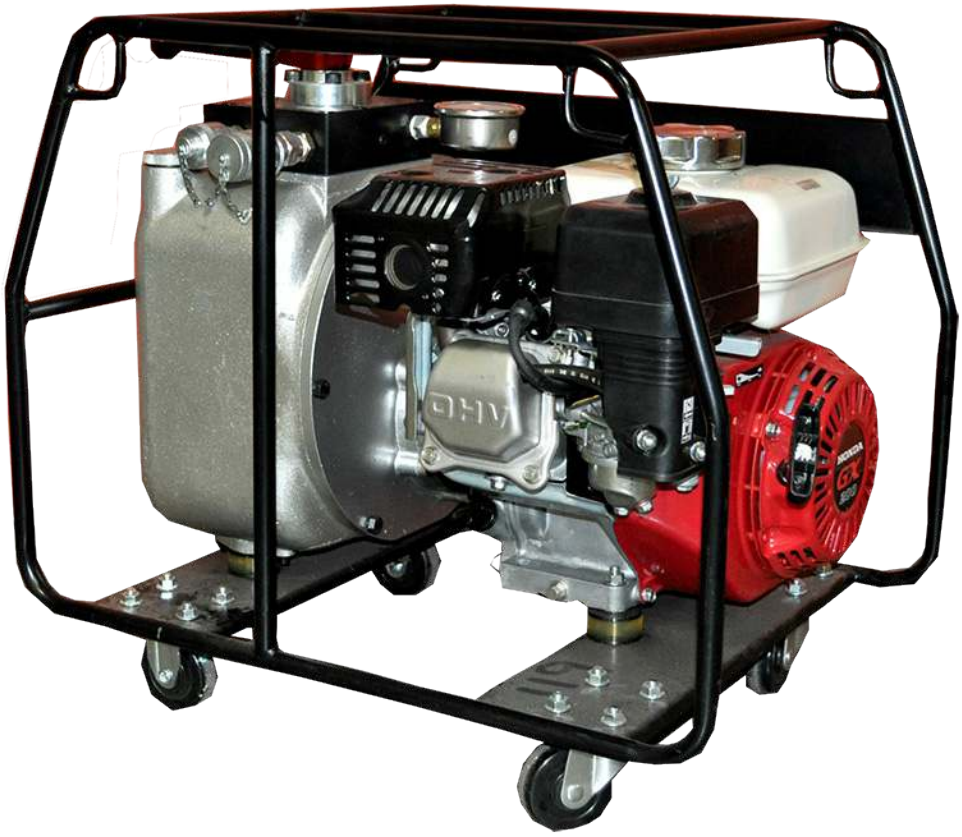
Huskie TOOLS



Operating Instruction Manual

For HPM-P3 Gas Pump

with Parts List

HPM-P3 SPECIFICATIONS

SPECIFICATIONS

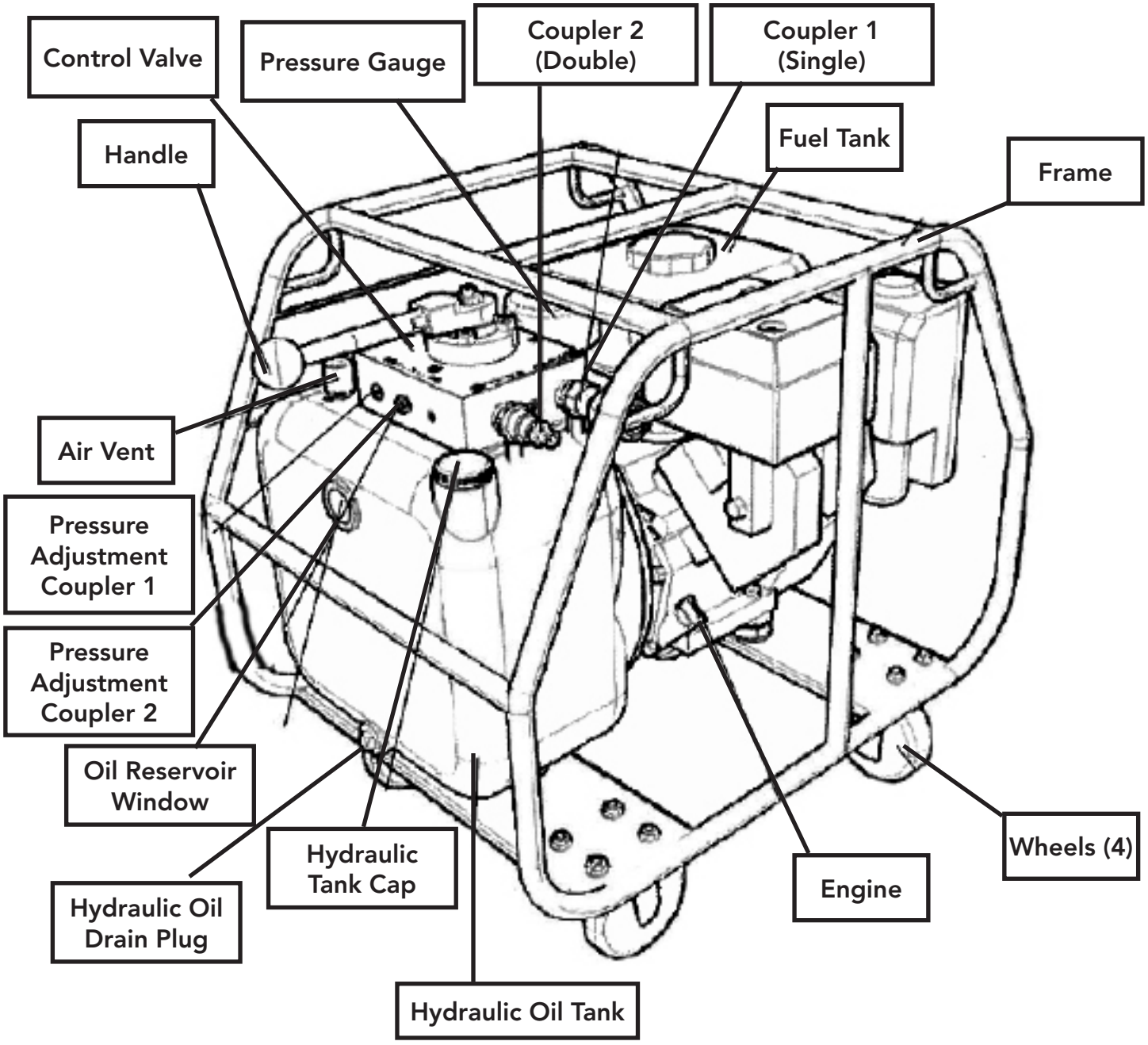
Engine Type:	Honda Air-cooled, 4-stroke OHV
Oil Capacity:	2.5 Gallons
Power Output:	5.5 HP @ 3600 RPM
Max Pressure:	10,000 psi
OIl Delivery @ low pressure:	2.6 gallons/min
Oil Delivery @ high pressure:	.63 gallons/min
Fuel Tank Capacity:	3.3 Quarts
Fuel:	Unleaded Gasonline ONLY
Weight:	105 lbs.

10,000 psi GAS POWERED PUMP

- Inline Pressure gauge located on valve for easy reading
- Supplied with carrying cage and castors for easy maneuvering.
- High efficiency and fast working gasoline pump.
- Oil Sight Gauge
- Easy Pressure Valve Adjustments
- Easily accessible Hydraulic Oil Tank Drain Plug for bleeding and changing Hydraulic Oil.

IMPORTANT OPERATING INSTRUCTIONS

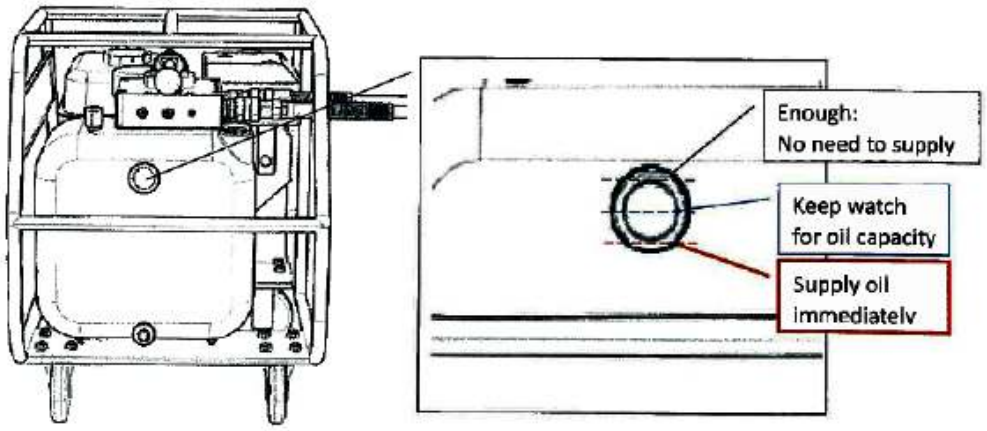
- Check hydraulic oil in Oil Reservoir Window to ensure there is a proper amount of oil. If oil is low, unscrew the Hydrualic Tank Cap and add T-15 oil.
- Tighten the Air Vent so dust does not enter the Hydraulic Oil Tank.
- Check for any damage before operation
- The HPM-P3 is not insulated. Please wear protective equipment before operating the pump on or around energized lines.



1. The HPM-P3 pump can be used as a Single-Acting or Double-Acting Pump. You can operate 1 or 2 Single-Acting heads or 1 Double-Acting head.

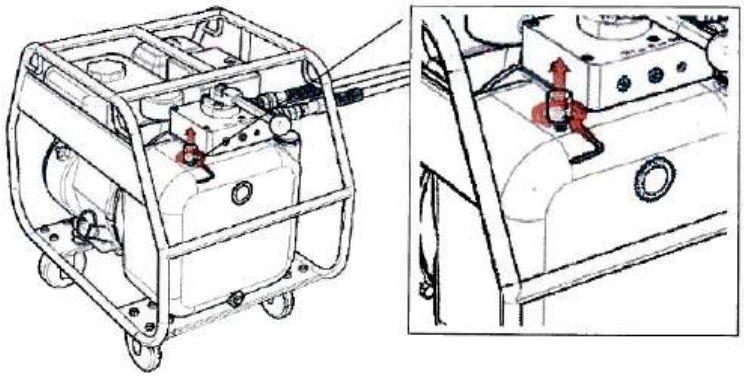
2. Be sure to read and follow the engine instructions to ensure that the Engine is in good operating condition.

3. Check hydraulic oil in the Oil Reservoir Window to ensure there is a proper amount of oil. If oil is low, unscrew the oil reservoir cap and add T-15 oil.

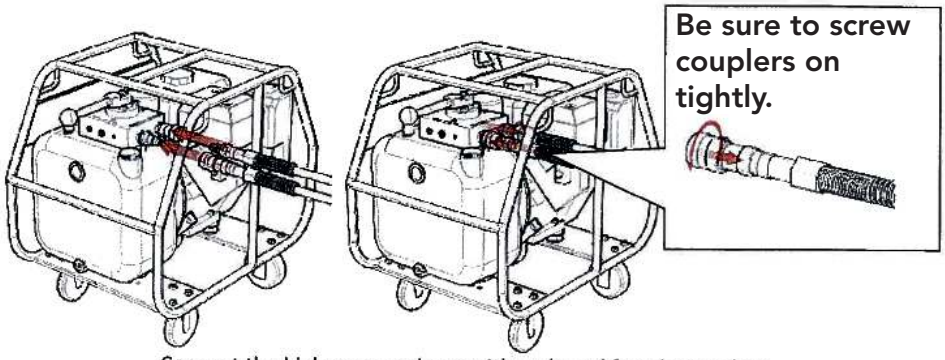


4. If oil needs to be bled from tank, unscrew the Hydraulic Oil Drain Plug at the bottom. Let oil drain, insert plug and refill oil. Be sure to fill with the same type of oil, unless the Reservoir is bled. Mixing oil can cause pump malfunction.

5. Make sure to open air vent before operation by turning counter clockwise. To close air valve turn clockwise.

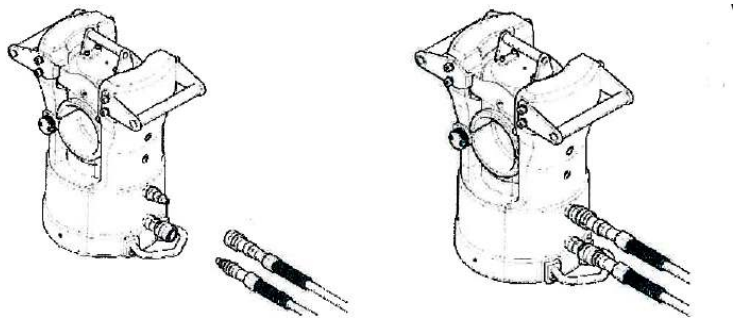


6. Attach proper hoses and make sure they are secure and screwed on tight. When in Single Acting Operation, attach the hose to the port on the pump labeled "Single".

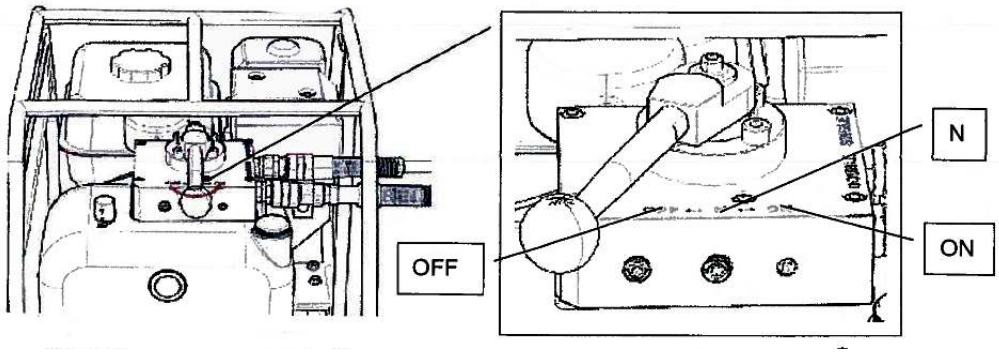


Connect the high pressure hose with male and female couplers.

7. Attach desired head to the end of the hose.



8. Start the engine with the pump handle in the "N" position.



9. **A. When Operating a Double-Acting Head**
To advance the head push the pump handle to the "ON" position. The pump will build pressure. When the pump handle is pushed to the "OFF" position the pump will reverse and the ram will retract on the attached head.

B. One Single-Acting Head:

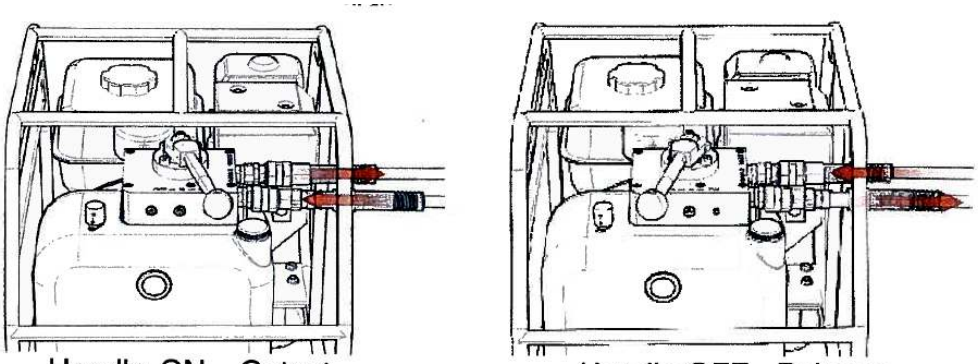
Attach the hose to the coupler labeled "Single". The pump handle will activate the head when pushed to the "ON" position and the head will retract when the pump handle is pushed to the "N" position.

Two Single-Acting Heads:

The HPM-P3 allows the operator to use two Single-Acting heads with one HPM-P3. Simply connect one head to the coupler labeled "Single" and the other Single-Acting head to the coupler labeled "Double". When the pump handle is pushed to the "ON" position, the head connected to the "Single" coupler will activate. When the pump handle is pushed to the "N" position, the head connected to the coupler labeled "Single" will release.

Then, when the pump handle is pushed to the "OFF" position, the head connected to the coupler labeled "Double" will activate. When the pump is in the "N" position, both heads will release. See #11 for adjusting pressure.

Note: When operating the pump in this way, it is important to adjust the PSI to 10,000 on both ports.



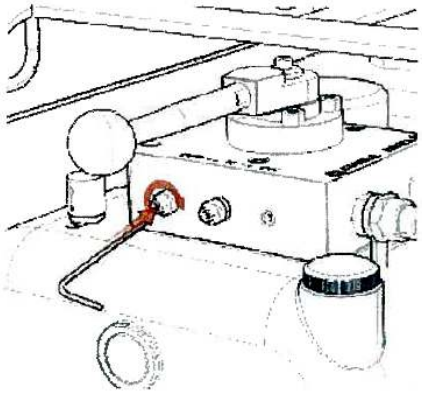
Handle ON – Output

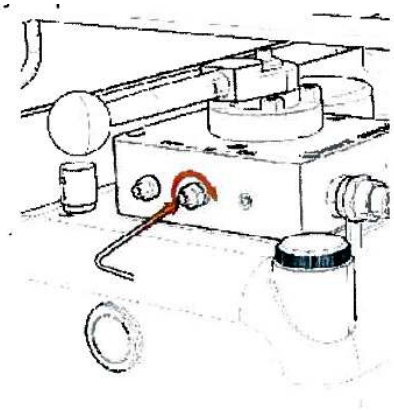
Handle OFF - Release

10. It is a good idea to check the pump output pressure before starting your task. Run the attached head while watching the pressure gauge near the pump handle. As the pump builds pressure the gauge will read the amount shown. The needle should reach 10,000 PSI before the bypass cartridge automatically releases and drops back to zero.

11. In order to adjust the by-pass cartridge you need to first loosen the lock nut. When looking at the pump handle and with the pump handle facing you, the left allen screw controls the "Single" valve and the right allen screw controls the "Release" valve. To adjust the

pressures first loosen the lock nut by turning it counter clockwise. Then adjust the allen screw accordingly, clockwise will raise the pressure and counter-clockwise will lower the pressure on each of the ports needing to be adjusted. Continue to build pressure on the head while watching the gauge until the desired pressure is reached. Once you have reached the desired pressure tighten the lock nut down by turning it clockwise.





Note: An allen wrench is required to adjust the pressure.

12. It is a good idea to periodically watch the gauge during operation to ensure that the 10,000 PSI is continuing to be reached. It is important to keep an eye on the gauge to ensure proper operation.

General Information and Troubleshooting

1. When attaching hoses, please be sure all couplers are securely fastened. 90% of our problems arise out of a loose coupler connection. If the unit fails to pump or retract, the problem usually lies with the couplers.

2. Always keep couplers clean by wiping oil and debris from surfaces before connecting hoses to pump or tool.

3. Never move pump by pulling on the hydraulic hose.

4. Occasionally check the fluid level of the pump. See individual pump operating instructions for proper oil level. When adding fluid, always use Tellus T15 or equivalent hydraulic oil.

5. Always open the air breather vent cap on the oil filler port before operating the tool. This will eliminate the problem of a vacuum situation when the oil is pumped from the tank. Always close the air vent when storing to eliminate the problem of oil leakage if the unit is turned over.

6. Pressure setting is preset at 10,000 psi but can be changed to lower settings. An inline gauge (Huskie PG-1) should be used periodically to determine your required operating pressure. Consult factory or operating manual page 7 for proper adjusting procedure.

WARRANTY

Please see our complete warranty at www.huskietools.com/warranty.cfm.

REPAIR AND WARRANTY CLAIMS

All claims must be sent to Huskie for inspection and authorization. A Return Goods Authorization is required before shipping tools to Huskie. Secure the authorization by telephoning 1-800-860-6170 or writing to Huskie's main office with details of claim. Non-warranty repairs are handled using the same procedure. Repairs exceeding 50% of the cost of a new tool will be advised before repairs are made.

PLEASE RETAIN FOR YOUR RECORDS

Purchaser's Name: _____

Address: _____

City, State, Zip: _____

Tool Model Number: _____

Serial Number: _____

Date Purchased: _____

Purchased From: _____

WARRANTY

HOW TO GET SERVICE UNDER THE TERMS OF THE LIMITED WARRANTY

Return your product directly to Huskie Tools, Inc. as our representative network is not prepared to service the product under the terms of this warranty.

1. Write, call or fax Huskie stating the tool's purchase date and problem. You will be given a RGA # to assure that your merchandise will be properly handled upon its receipt.

2. CAUTION: Make sure the product is packaged adequately so as to prevent damage or loss during transit. The shipment must be prepaid and we recommend that it be insured. A cover letter indicating the reason for the return should be included in order to facilitate repairs.

SEND THIS PORTION WITH ANY TOOL WHEN REQUESTING REPAIRS, WARRANTY OR RECONDITIONING WORK

Please call or Fax Huskie for an RGA#

Customer Job No. _____

Address_____

City_____ State _____ Zip _____

Tool Model _____

Warranty Claim _____ Repair Only ____

Customer Name:_____

Phone (_____) _____

City_____ State _____ Zip _____

Serial No. _____

Estimate Required: Yes _____ No _____

198 N. Brandon Drive
Glendale Heights, IL 60139
1-800-860-6170
FAX: 800-345-3767
www.huskietools.com
info@huskietools.com