

ROTARY BARREL PUMP, DEF COMPATABLE

Stock Number W54285

OWNER'S MANUAL

LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

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Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above.

The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases.

PERFORMANCE TOOL® shall not be liable for consequential, incidental or special damages resulting from or in any manner related to any product, or to the design, use, or any inability to use the product. The sole and exclusive remedy for a defective product or part shall be the repair, or replacement thereof as provided above. The laws on limitation of remedies or on consequential, incidental or special damages may vary from state to state, so the above limitations may not apply in all cases.

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Performance Tool®

▲WARNING: READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

PT
Performance Tool

SPECIFICATIONS:

Product Dimensions.....13.5x6.5x5.5in.(34.29x16.51x13.97cm)
 Weight.....1.7Lb (0.77110703 Kilo)
 Power.....Manual

Specifications are subject to change without notice.

SAFETY GUIDELINES / DEFINITIONS

This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.

- ▲ **WARNING:** Read and understand this entire instruction manual before attempting to assemble, install, operate or maintain this product. Failure to comply with the instructions may result in serious personal injury and/or property damage! The following signal words are used to emphasize safety warnings that must be followed when using this product.
- ▲ **DANGER:** Indicates an imminently hazardous situation that, if not avoided, **WILL** result in death or serious injury.
- ▲ **CAUTION:** Indicates a potentially hazardous situation that, if not avoided, **MAY** result in minor or moderate injury.
- ▲ **WARNING:** Indicates a potentially hazardous situation that, if not avoided, **COULD** result in death or serious injury.
- ▲ **NOTE:** Indicates important information, which if not followed, **MAY** cause damage to equipment.

ASSEMBLY INSTRUCTION

1. Read and understand instruction prior to continuing.
 2. Thread the strainer end to 1 piece of the 3 suction of tubing; be sure to us PTFE tape.
 3. Thread the balance of the tubes together depending on your drum depth, use PTFE tape.
 4. Insert the suction pipe into the barrel of the pump. Pay attention to the markings on the pump labeled inlet and outlet. Pickup tubes go onto the inlet side of the pump.
 5. Slide the bung nut over the suction pipe threaded side down. Use the bolt to tighten the barrel in place on the suction pipe. This can be adjusted after placing the pump in the barrel.
 6. Slide the handle onto the shaft on the pump body. Tighten together using the hex bolt.
 7. Screw the delivery spout onto the threaded outlet on top of the pump body, again using the PTFE tape.
- NOTE: All connections must be airtight for the pump to create suction and operate correctly.

MAINTENANCE & INSPECTION

1. Visual inspection shall be made before each use of the rotary barrel pump, check for damaged parts, cracked welds or missing parts. Any rotary barrel pump that appears to be damaged in any way shall be removed from service immediately
2. **BECAUSE OF THE POTENTIAL HAZARDS ASSOCIATED WITH THE MISUSE OF EQUIPMENT OF THIS TYPE, NO MODIFICATIONS SHALL BE MADE TO THE PRODUCT.**
3. Cleaning after each use will ensure smooth operation. A variety of chemicals -

MAINTENANCE & INSPECTION cont:

especially combinations of chemicals, are suitable for periodic use. They may affect the performance for the pump if left to dry and not cleaned. In these cases cleaning of the pump after each use is mandatory. Other chemicals may harden or cause the internal parts to swell. This prohibits the pumps operation and should be avoided unless cleaned after every use. If the pump has not been used for an extended length of time, or has had low usage the pump should be flushed and cleaned. This is critical when pumping DEF as it can harden and crystallize.

GENERAL INFORMATION

NOTE: Always wear safety glasses or goggles when transferring chemicals.

The Polyphenylene Rotary Pump was designed to accommodate a wide variety of chemicals. Pumping applications include fuels, water, acidic solutions, machine oil, alcohol, DEF, & much more. This pump delivers approximately 7 gallons per 100 revolutions.

DEF (DIESEL EXHAUST FLUID) - USE

1. The overall purity of DEF is critical for the system to function properly. Before pumping DEF for filling the onboard systems, the pump needs to be flushed. This is done by dispensing DEF fluid into a portable container. This fluid should be disposed of in the proper manner in accordance with local regulations. "Do not return it to the drum or use it in a vehicle."
2. After pumping the desired amount of fluid, reverse the direction of rotation. This will return and dispense fluid still in the pump back into the barrel. This is required because fluid left in the pump will crystallize and cause the pump to malfunction. Crystallized DEF fluid would contaminate the next fluid dispensed.
3. If the pump has not been used for an extended length of time, or has had low usage the pump should be flushed and cleaned. This is critical when pumping DEF as it can harden and crystallize.

NOTE: If you have used the pump for DEF, use it **ONLY** for DEF and not other materials. A sticker has been provided to label the pump once the unit has been used for DEF. Use de-ionized water to flush the pump.

PARTS LIST

No.	Description	Qty.	No.	Description.....	Qty.
1	Handle.....	1	11	Sunction tubing.....	3
2	Pump.....	1	12	Bung nut	1
3	Delivery spout	1	13	Strainer.....	1

