

12 VOLT OIL EXTRACTION PUMP

Item Number W54170

OWNER'S MANUAL



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

TOOL FEATURES

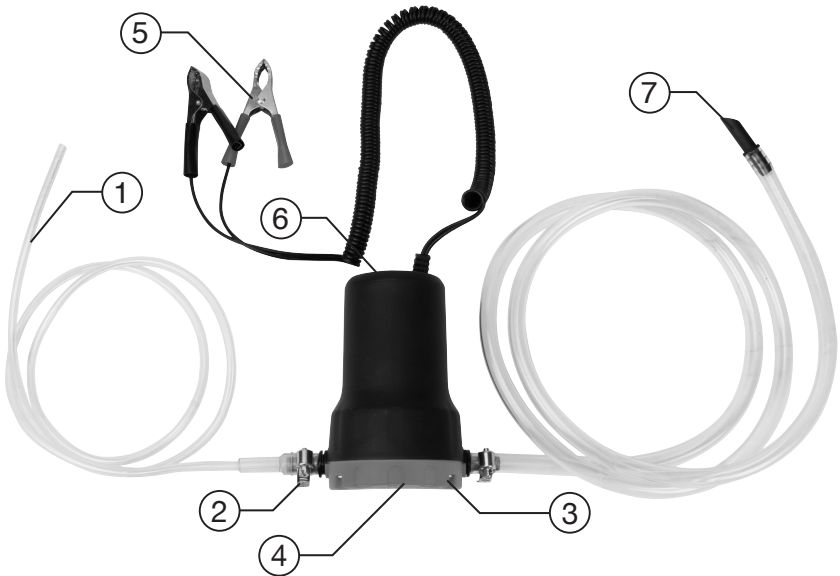
The oil-extractor is a vane pump with brass lamellas. It is driven by a 12V-D.C.-motor via a reduction gear. As power supply please use a 12V- vehicle battery. The connections on the pump are built for hoses of 10mm internal diameter.

The external diameter of the suction-probe is 6 mm. Therefore the pump can only be used for oil change if the inner diameter of the dipstick tube is bigger than 6mm. The oil-extractor is suitable to pump engine, diesel and heating oil.

The extractor is not suitable for extracting:

- Water (no lubrication of the pump)
- Gearbox oil (too viscous)
- Flammable liquids (fuel, petrol, etc.)

1. Suction Probe (6 mm)
2. Suction Connector
3. Drain Connector
4. Extraction Pump
5. Battery Clamps
6. On/Off Switch
7. Hose (10 mm)



SPECIFICATIONS:

Motor:	12V D.C.
Power Draw:	Approx. 5 A
Sound Pressure Level:	70 dB(A)
Vibration:	<2,5m/s ²
Max. Flow Rate:	
Diesel:	Approx. 1.1 gal./min.
Motor Oil (100° - 125°F):	Approx. 0.8 gal./min

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.

UNPACKING AND INSPECTION

After opening the carton, unpack your new product and related parts and accessories. Please inspect it carefully for any damage that may have occurred during transit. Please check it against the photograph on carton. If any parts are missing, please call customer service at 1-800-497-0552 between 6 a.m. and 5 p.m. Pacific time.

▲WARNING: DO NOT operate this product if damaged during shipment, handling or misuse. Do not operate the product until the parts have been replaced or the fault rectified. Failure to do so may result in serious personal injury or property damage. All damaged parts must be repaired or replaced as needed prior to operating this product. Check to see that all nuts, bolts and fittings are secure before putting this product into service.

If you have any questions, or require assistance with damaged or missing parts, please contact our customer service department at 1-800-497-0552. Please have the serial number, model number, and date of purchase available for reference when calling.

GENERAL SAFETY

- Keep the area clean and well lit. Cluttered or dark areas can cause accidents.
- Be aware of what you are doing and use common sense while using the tool. Do not use a tool when you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while using a tool can cause serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust masks, non-slip safety shoes, helmets or ear protection used in appropriate conditions will reduce the risk of injury.
- Do not rush. Maintain proper footing and balance at all times. This allows better control of the tool in unexpected situations.
- Dress appropriately. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothing, jewelry or long hair can get caught in moving parts.
- Keep the tool away from children and do not allow tool to be used by people who are not familiar with the operation of the tool. Tools are dangerous in the hands of inexperienced operators.
- Never use a tool other than for its intended purpose.

TOOL SAFETY

▲DANGER: *Danger of explosion!*

We will not assume liability for safe function of the extractor, if it is used for purposes other than those mentioned in this manual. No warranty claims can be lodged for damage resulting from operating errors or inadequate maintenance.

Please carefully read and observe the following safety instructions, before using the extractor in order to avoid environmental damages or injuries:

- Set up the oil extractor securely.
- Fasten the drain hose properly.

TOOL SAFETY CONT.

- Protect the power supply cables against heat and sharp edges.
- Make sure that the pump is connected correctly to the car battery before starting to work (plus to plus and minus to minus).
- Do not pump water (no lubrication of the pump).
- Only pump warm motor oil (40°- 50° C, 104°- 125° F) do not pump off motor oil as long as the motor is still running.
- Collect the old oil in suitable containers to protect the environment and deliver the old oil to your local collecting station, petrol station or oil supplier.
- Clean the pump and attachment parts after finishing your work.

OPERATION

1. Before starting to change motor oil drive the motor until the oil has a temperature of approx. 40°- 50°C, 104°- 125° F. Less temperature will reduce the flow rate due to the high viscosity of the oil. If the oil is too hot the sealings of the pump might be disturbed.
2. Shut down the engine after having reached sufficient temperature.
3. Push the hose with the suction probe onto the pump socket and push the drain hose onto the drain socket, fasten both by using hose-clamps to avoid the hoses coming loose due to the oil pressure.
4. Unwind the suction probe and straighten it properly before inserting through the dipstick-tube into the engine. Otherwise the pump will draw no or not enough oil.
5. Insert the suction-probe into the oil dipstick-tube and push it gently down to the lowest position of the oil pan.
6. Please use suitable container to collect the old oil and lead the drain hose into this container.
7. Connect the oil-extractor to the 12V car battery. Make sure that the clamps are connected with the correct poles of the battery (red clamps to "plus", black clamp to "minus").
8. Switch the pump on and pump the oil out of the engine.
9. As soon as no further oil is pumped, switch off the pump. Do not let the pump run without oil.
10. Fill the engine with fresh motor oil according to the maintenance instruction for your car and check the oil level with the oil dipstick.
11. After finishing your work clean the pump thoroughly by pumping some fresh oil.
12. Remove the hoses from the pump, plug them together and store the whole unit in a place where it is protected against dust.

▲ATTENTION:

Never let old or fresh oil seep into the ground or into the sewage system. You will harm the environment and you will make yourself liable for prosecution. Collect the old oil and dispose at your local collecting station, petrol station or oil dealer.

IMPORTANT NOTICE:

The working period for this oil extractor should not exceed 30 minutes. After this period please switch off the pump and let it cool down.

1 YEAR 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.

PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products.

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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