



12V Oil Extractor Pump

Owner's Manual



⚠ WARNING: Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item #57015

READ & SAVE THESE INSTRUCTIONS

Thank you very much for choosing an Ironton™ product!

For future reference, please complete the owner's record below:

Serial Number/Lot Date Code: _____

Purchase Date: _____

Save the receipt, warranty, and this manual. It is important that you read the entire manual to become familiar with this product before you begin using it.

This oil extractor pump designed for certain applications only. Northern Tool and Equipment is not responsible for issues arising from modification or improper use of this product such as an application for which it was not designed. We strongly recommend that this product not be modified and/or used for any application other than that for which it was designed.

For technical questions, please call **1-800-222-5381**.

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Intended Use

The Ironton 12V Oil Extractor Pump is ideal for quick and clean oil changes. Simply connect the oil extractor's clamps to the vehicle's 12V car battery. The oil is simply drawn out the motor through the oil dipstick bore. It works with motor, diesel, or heating oil.

Packaging Contents

- Part A (5)
- Suction Probe (1 pc)
- Suction Connector (1 set)
- Drain Connector (1 set)
- Extraction Pump (1 pc)
- 10mm Hose (1 set)

Technical Specifications

Property	Specification
Motor	12 Volt DC
Power Draw	Approximately 5 Amps
Max. Flow	250 liters/hour (66 GPH)
Duty Cycle	30 minutes

Important Safety Information

⚠WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this tool. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- Do not allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. This product will be safer and do a better job at the capacity for which it was intended. DO NOT use

this equipment for a purpose for which it was not intended.

- Industrial or commercial applications must follow OSHA requirements.

⚠WARNING

WORK AREA SAFETY

- Inspect the work area before each use. Keep work area clean, dry, free of clutter, and well-lit. Cluttered, wet, or dark work areas can result in injury. Using the product in confined work areas may put you dangerously close to cutting tools and rotating parts.
- Do not use the product where there is a risk of causing a fire or an explosion; e.g., in the presence of flammable liquids, gases, or dust. The product can create sparks, which may ignite the flammable liquids, gases, or dust.
- Do not allow the product to come into contact with an electrical source. The tool is not insulated and contact will cause electrical shock.
- Keep children and bystanders away from the work area while operating the tool. Do not allow children to handle the product.
- Be aware of all power lines, electrical circuits, water pipes, and other mechanical hazards in your work area. Some of these hazards may be hidden from your view and may cause personal injury and/or property damage if contacted.

⚠WARNING

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the tool. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. Air vents on the tool often cover moving parts and should be avoided.
- Wear the proper personal protective equipment when necessary. Use ANSI Z87.1 compliant safety goggles (not safety glasses) with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach. Keep proper footing and balance at all times.
- Do not use the tool when tired or under the influence of drugs, alcohol or medication.
- Remove keys or wrenches before connecting the tool to an air supply, power supply, or turning on the tool. A wrench or key that is left attached to a rotating part of the tool may cause personal injury.
- Secure the work with clamps or a vise instead of your hand when practical. This safety precaution allows for proper tool operation using both hands.

⚠CAUTION

PUMP USE AND CARE

- Do not force the pump. Products are safer and do a better job when used in the manner for which they are designed. Plan your work, and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Do not use a product with a malfunctioning switch. Any power tool that cannot be controlled with the power switch is dangerous and must be repaired by an authorized service representative before using.
- Disconnect the power/air supply from the product and place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store the pump when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.
- Keep guards in place and in working order. Never operate the product without the guards in place.
- Do not leave the tool running unattended.
- Do not modify the oil extractor in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the oil extractor was designed.
- Always check of damaged or worn out parts before using the oil extractor. Broken parts will affect the oil extractor operation. Replace or repair damaged or worn parts immediately.
- Store idle oil extractor. When oil extractor is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use. 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 waste oil collection station. Follow all applicable local ordinances.

Specific Operation Warnings

⚠WARNING

- To prevent serious injury or property damage, read and understand owner's manual before operating.
- Always wear the proper personal protective gear including ANSI Z87.1 compliant safety goggles and heat-resistant rubber gloves when using this product.
- Do not use to pump water or any other liquid other than oil.

- Used engine oil is toxic and should be properly disposed of or recycled.
- Hot oil can cause severe burns. Allow the engine oil to cool down completely before pumping the oil.
- Do not use with corrosive or flammable fluids.
- Do not run pump for more than 30 minutes.
- Not for use by or around children.



Main Parts of Oil Extractor Pump

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

Before Each Use

⚠WARNING

- Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury.
- Do not allow persons to operate or assemble this oil extractor until they have read this manual and have developed a thorough understanding of how the oil extractor works.
- Always wear the proper personal protective gear including ANSI Z87.1 compliant safety goggles and heat-resistant rubber gloves when using this product.
- Hot oil can cause severe burns. Allow the engine oil to cool down completely before pumping the

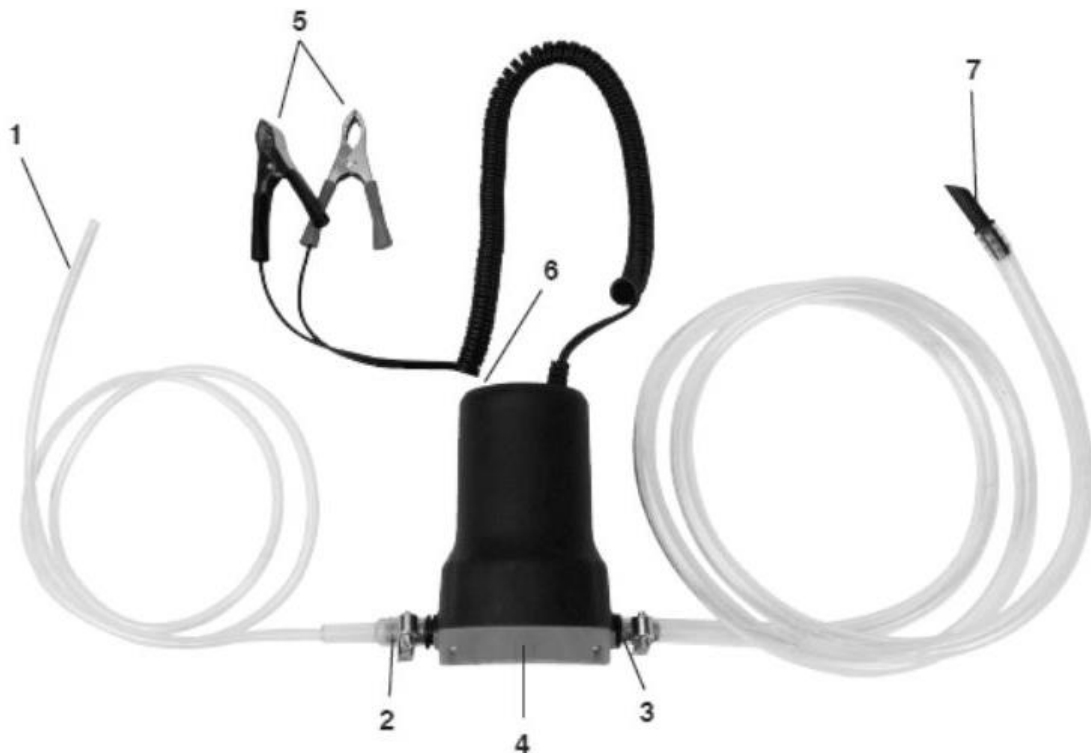
oil.

1. Before changing the motor oil, drive the motor until the oil has a temperature of approx. 40°-50 °C (104-140 °F). Cooler temperatures will reduce the flow rate due to the high viscosity of the oil. If the oil is too hot, the sealing of the pump might be disturbed.
2. Shut down the engine after reaching a sufficient temperature.
3. Attach the suction probe (1) to the extraction pump (4) with the suction connector (2), and attach the hose (7) to the extraction pump (4) with the drain connector (3). Fasten both connectors in order to avoid the hoses coming loose due to the oil pressure.
4. Unwind the suction probe (1) and straighten it properly before inserting through the dipstick tube into the engine, otherwise the pump will draw no or little oil.

Operating Instructions

⚠WARNING

- Do not use to pump water or any other liquid other than oil.
- Do not use with corrosive or flammable fluids.
- Do not run pump for more than 30 minutes.
- Not for use by or around children.



1. Insert the suction probe (1) into the oil dipstick tube and push it gently down to the lowest position of the oil pan.
2. Use a suitable container to collect the old oil and lead the drain-hose into this container.

3. Connect the oil extractor to the 12V car battery. Make sure that the clamps (5) are connected with the correct poles of the battery (red clamp to “plus”, black clamp to “minus”).
4. Turn on the switch (6) and pump the oil out of the engine.
5. As soon as all oil is pumped, switch the pump off. **Do not let the pump run without oil.**
6. Fill the engine with fresh motor oil according to the maintenance instruction for your car and check the oil-level with the oil dipstick.

After Each Use

⚠WARNING

- Used engine oil is toxic and should be properly disposed of or recycled.
1. After finishing your work, clean the pump thoroughly by pumping fresh oil through the pump.
 2. Remove the hoses from the pump, plug them together, and store the whole unit in a place where it is protected from dust.

Maintenance

Maintain the product by adopting a program of conscientious repair and maintenance in accordance with the following recommended procedures. It is recommended that the general condition of any tool be examined before it is used. Keep your tool in good repair. Keep handles dry, clean, and free from oil and grease. Also refer to the engine manufacturer’s instruction manual for additional information about engine maintenance. The following chart is based on a normal operation schedule.

Maintenance Interval	Maintenance Point
Daily before operating	Inspect inlet and outlet for leaking.
After the first 50 operating hours	Battery clamps become less crowded.
After the first 100 operating hours or every week	Check whether the motor is damaged.

Troubleshooting

Use the table below to troubleshoot problems before contacting service personnel or your local dealer. If the problem continues after troubleshooting, call your local dealer for assistance.

Failure	Possible Cause	Corrective Action
Pump will not prime or retain prime after operating.	1. Pump won’t prime.	1. Check the priming instructions.
	2. Suction lift too high.	2. Move pump closer to oil source.
	3. Hose kinked.	3. Straighten hose.
	4. Hose fitting not tight on inlet.	4. Tighten fitting.
	5. Air leak in suction hose.	5. Repair or replace hose.
Pump runs but	1. Hose kinked.	1. Straighten hose.

no oil is discharged.	2. Pump is not primed.	2. Check the priming instructions.
	3. Defective vane.	3. Replace vane.
	4. Suction lift too high.	4. Move pump closer to oil source.
Pump will not run.	1. No power.	1. Verify that unit is plugged into 12 volt outlet.
	2. Impeller jammed.	2. Clean pump cavity and impeller.

Parts Diagram



Parts List

Reference	Part Description	Quantity
1	Suction Probe	1
2	Suction Connector	1
3	Drain Connector	1
4	Extraction Pump	1
5	Battery Clamps	1
6	On/Off Switch	1
7	10mm Hose	1

Replacement Parts

For replacement parts and technical questions, please call Customer Service at **1-800-222-5381**.

Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.

When ordering parts, the following information will be required: item description, item model number, item serial number/item lot date code, and the replacement part reference number.

The distributor reserves the rights to make design changes and improvements to product lines and manuals without notice.

Limited Warranty

Northern Tool and Equipment Company, Inc. ("We" or "Us") warrants to the original purchaser only ("You" or "Your") that the Ironton product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of **90 days** from date of purchase. The foregoing warranty is valid only if the installation and use of the product is strictly in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. If the product does not comply with this limited warranty, Your sole and exclusive remedy is that We will, at our sole option and within a commercially reasonable time, either replace the product or product component without charge to You or refund the purchase price (less shipping). This limited warranty is not transferable.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

Obligations of Purchaser

You must retain Your product purchase receipt to verify date of purchase and that You are the original purchaser. To make a warranty claim, contact Us at 1-800-222-5381, identify the product by make and model number, and follow the claim instructions that will be provided. The product and the purchase receipt must be provided to Us in order to process Your warranty claim. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs or costs related to Your return visit to a retail store.

Remedy Limits

Product replacement or a refund of the purchase price is Your sole remedy under this limited warranty or any other warranty related to the product. We shall not be liable for: service or labor charges or damage to Your property incurred in removing or replacing the product; any damages, including, without limitation, damages to tangible personal property or personal injury, related to Your improper use, installation, or maintenance of the product or product component; or any indirect, incidental or consequential damages of any kind for any reason.

Assumption of Risk

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

Governing Law

This limited warranty gives You specific legal rights, and You also may have other rights which vary from state to state. Some states do not allow limitations or exclusions on implied warranties or incidental or consequential damages, so the above limitations may not apply to You. This limited warranty is governed by the laws of the State of Minnesota, without regard to rules pertaining to conflicts of law. The state courts located in Dakota County, Minnesota shall have exclusive jurisdiction for any disputes relating to this warranty.



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