STRONGWAY™

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 #7058740

READ & SAVE THESE INSTRUCTIONS

Thank you very much for choosing a Strongway product!

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

Serial Number/Lot Date Code (if applicable): _____

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 product is 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

Suitable for diesel transfer and refueling in construction sites, agricultural machinery, ships, and other scenarios, featuring explosion-proof and leak-proof design, and can be directly powered by a vehicle battery

Packaging Contents

- 12V DIESEL PUMP (1PC)
- TANK (1PC)
- PUMP FITTING (1PC)
- INLET HOSE WITH FILTER (1PC)
- FUEL NOZZLE (1PC)
- SWIVEL (1PC)
- PLASTIC CAP (1PC)
- WHEEL BEARING(1PC)
- 8INCH WHEEL (2PCS)
- TIRE CAP (2PCS)
- FUEL HOSE (1PC)
-

Technical Specifications

VENDOR: Pr

Property	Specification
Motor	12 Volt DC
Current	9 Amps
Power	74W
Flow Range	10.5GPM
Insulation class	Class A
Rated speed	2600RPM
Motor duty cycle	INT 30min on, 30min off

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

PROP 65

- This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.p65warnings.ca.gov.
- Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals are:
  - · - lead from lead-based paints,
  - · - crystalline silica from bricks and cement and other masonry products, and
  - · - arsenic and chromium from chemically-treated lumber.
- Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.
- Handling power cords on corded products may expose you to lead, a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Wash your hands after handling.

⚠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 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.
- 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

PRODUCT USE AND CARE

- Do not force the product. 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 product 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.

Specific Operation Warnings

⚠WARNING

- The internal Bypass fitted in all diesel pump model is designed to protect the pump and motor from damage when the trigger is shut off for a time no greater than 2-3 minutes. This is enough time for the operator to switch off the pump or recommend pumping.
- when the nozzle is off and the pump is running the pump pressure increases and the electric motor load increases, using more power (amps) which in turn generates more heat within both the pump and motor, risking increased wear or possible damage if the pump is not switched off.

Grounding

⚠WARNING

- This machine must be grounded while in use to protect the operator from electrical shock. This unit is equipped with an electrical cord that has an equipment grounding conductor and a grounding plug. The plug MUST be plugged into a matching receptacle that is properly installed and grounded in accordance with ALL local codes and ordinances.
- DO NOT MODIFY THE PROVIDED PLUG. If it will not fit the receptacle, have the proper receptacle installed by a qualified electrician.
- CHECK with a qualified electrician or service person if you do not completely understand the grounding instructions, or if you are not sure the tool is properly grounded.

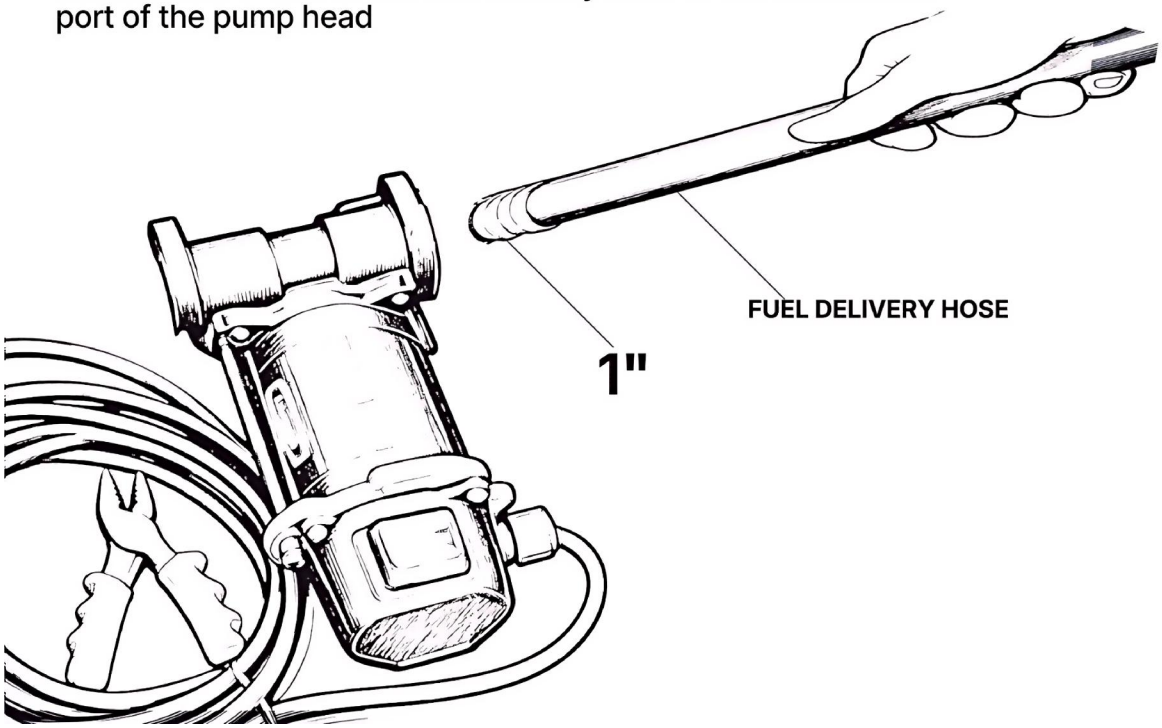
Main Parts of Product

Subassembly
1.12V DC DIESEL PUMP
2.PUMP FITTING
3.INLET HOSE WITH FILTER
4.FUEL HOSE WITH CONNECTOR
5.FUEL NOZZLE
6.PLASTIC CAP
7.SWIVEL
8.WHEEL BEARING
9.8INCH WHEEL
10.TIRE CAP

Assembly Instructions

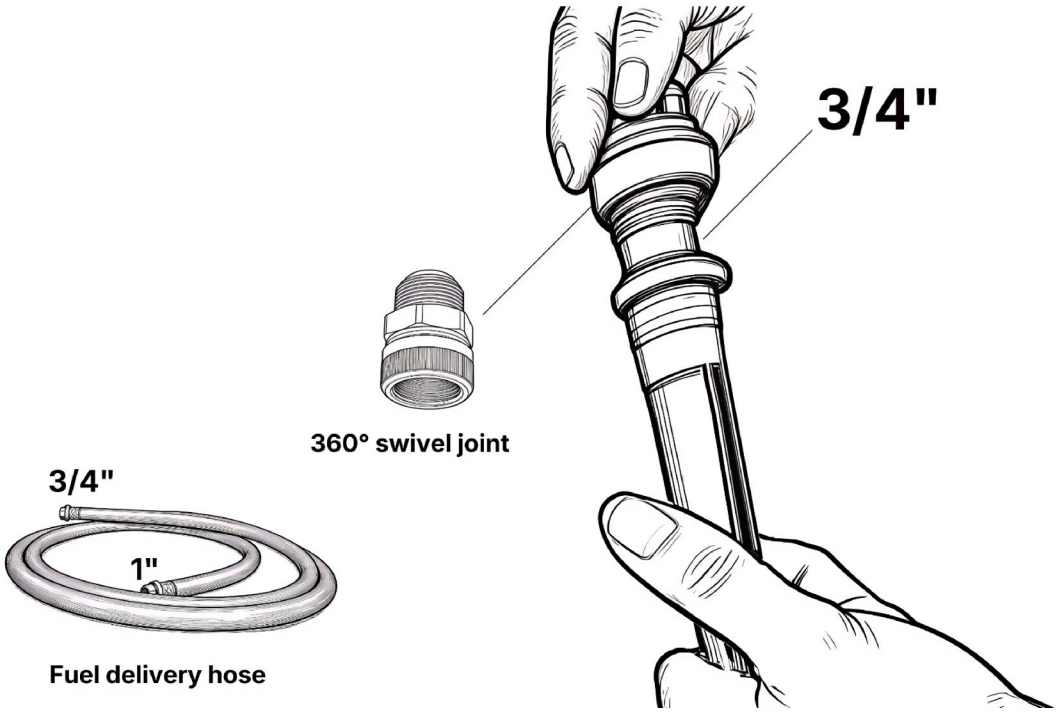
STEP 1:

Connect the 1" end of the fuel delivery hose to the connection port of the pump head



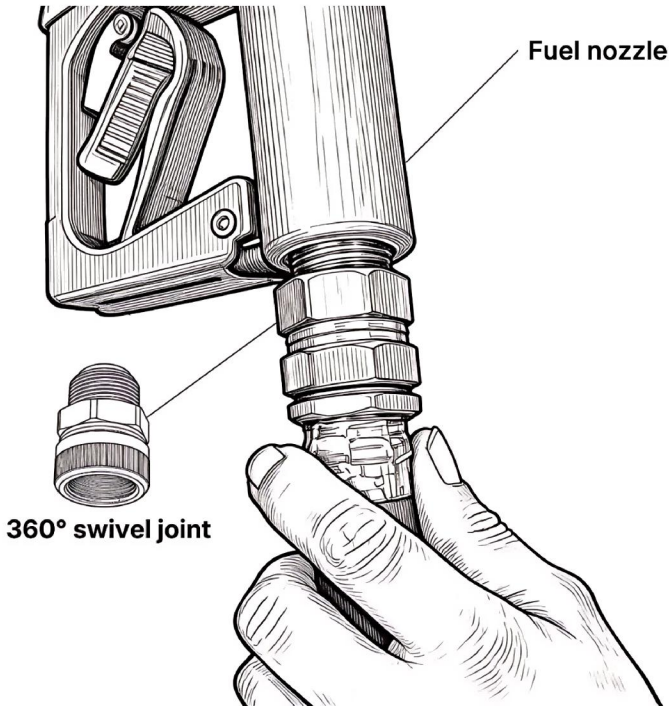
STEP 2:

Attach 3/4" end of fuel delivery hose to 360° swivel joint



STEP 3:

Connect 360°swivel joint to fuel nozzle



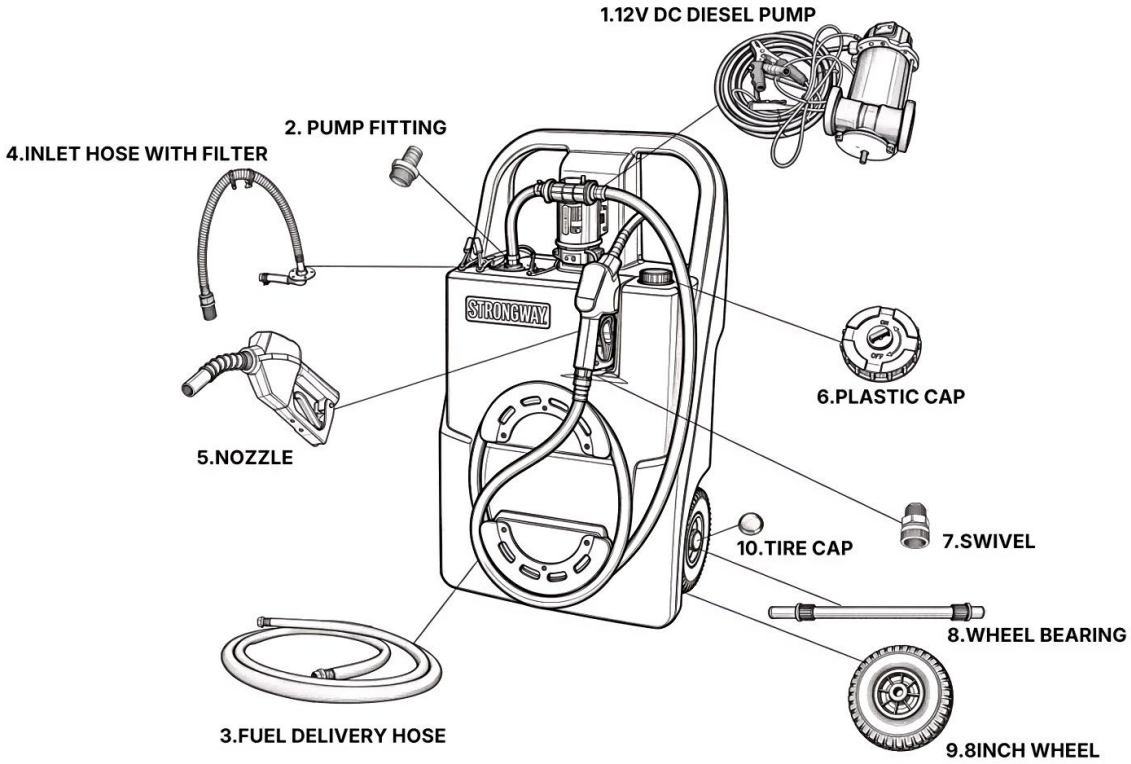
Maintenance

Maintenance Interval	Maintenance Point
Daily before operating	1.Inspect hose and joints for cracks or leaks. 2. verify that battery wiring is free of corrosion and securely connected.
After the first 20 operating hours	1. Clean the inlet strainer of the cleaning pump and remove impurities. 2. Check all fasteners for looseness and tighten if necessary. 3. Test the pump's flow and noise to confirm there is no abnormal sound.
After the first 50 operating hours or every week	1. Replace or clean the fuel filter. 2. Check and lubricate the moving parts of the nozzle. 3. Check the integrity of the grounding circuit and test static conductivity.

Troubleshooting

⚠WARNING		
Failure	**Possible Cause**	**Corrective Action**
PUMP FAILS TO START	LOW BATTERY VOLTAGE	REPLACE OR FULLY RECHARGE THE BATTERY
	LOOSE WIRING	RECONNECT AND FASTEN ALL WIRING SECURELY
	BLOWN FUSE	INSTALL A NEW FUSE OF INDENTICAL SPECIFICATION
LOW FLOW RATE , INTERMITTENT FLUID OUTPUT	CLOGGED FILTER SCREEN	CLEAN OR REPLACE THE FILTER
	AIR LEAKAGE IN PIPELINE	INSPECT AND TIGHTEN ALL FITTINGS, REPLACE DAMAGED HOSES
	INSUFFICIENT VOLTAGE	ENSURE BATTERY VOLTAGE≥12V
ABONORMALLY LOUD PUMP OPERATION	WORN IMPELLER	INSPECT AND REPLACE THE IMPELLER
	AIR SUCTION INTO PUMP	BLEED AIR FROM PIPELINE AND CHECK THE HOSE INLET
	DAMAGED BEARING	REPLACE PUMP BEARING OR THE ENTIR PUMP ASSEMBLY

Parts Diagram



Parts List

Reference	Part Number	Part Description	Quantity
1	DP-1	12V DC DIESEL PUMP	1
2	PF-1	PUMP FITTING	1
3	FH-1	FUEL DELIVERY HOSE	1
4	IHF-1	INLET HOSE WEITH FILTER	1
5	N-1	NOZZLE	1
6	PC-1	PLASTIC CAP	1
7	S-1	SWIVEL	1
8	WB-1	WHEEL BEARING	1
9	IW-2	8INCH WHEEL	2
10	TC-2	TIRE CAP	2

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 Strongway product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of one year 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.

STRONGWAY™

Distributed by:

Northern Tool & Equipment Company, Inc.

Burnsville, Minnesota 55306

www.northerntool.com

Made in China