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TERA PUMP TREP01-T

TERA PUMP TREP01-T Battery Operated Fuel Transfer Pump User Manual

1. Introduction and Overview

Thank you for choosing the TERA PUMP TREP01-T Battery Operated Fuel Transfer Pump. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new pump. This pump is designed for efficient transfer of various liquids, including gasoline, diesel, DEF (Diesel Exhaust Fluid), kerosene, E15, E85, antifreeze, non-potable water, windshield washer fluid, and agricultural chemicals. Its telescopic intake and flow control nozzle ensure a convenient and mess-free experience.

2. Safety Information

WARNING: Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment, including eye protection and gloves, when handling fuels and chemicals.
- Ensure adequate ventilation when operating the pump, especially in enclosed spaces.
- Do not use the pump near open flames, sparks, or other ignition sources. Fuels are highly flammable.
- Do not pump corrosive liquids, strong acids, or highly viscous fluids not listed as compatible.
- Keep children and unauthorized persons away from the work area.
- Ensure the pump is securely placed and stable during operation to prevent spills.
- Remove batteries when the pump is not in use for extended periods to prevent leakage.
- Dispose of batteries and used fluids according to local regulations.

3. Package Contents

Verify that all components are present:

- TERA PUMP TREP01-T Fuel Transfer Pump body
- Telescopic intake tube
- 3.3 ft Vinyl discharge hose with flow control nozzle
- User Manual

Note: 2x D-sized batteries are required and not included.

4. Setup

4.1 Battery Installation

1. Locate the battery compartment on the top of the pump handle.
2. Open the battery compartment cover.
3. Insert two (2) D-sized batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Figure 1: Battery Installation. The image displays the battery compartment of the pump with two D-sized batteries being inserted. The compartment is located on the top handle of the pump.

4.2 Adjusting the Telescopic Intake Tube

1. The intake tube is telescopic, allowing adjustment from 15 to 20.5 inches.
2. Twist the locking collar on the intake tube to loosen it.

3. Extend or retract the tube to the desired length to reach the bottom of your fluid container.
4. Twist the locking collar in the opposite direction to secure the tube in place.



Figure 2: Telescopic Intake Adjustment. This image shows the telescopic intake tube, highlighting the twist mechanism to expand its length from 15 inches to 20.5 inches for various container depths.

4.3 Connecting the Discharge Hose

The vinyl discharge hose is pre-attached to the pump body. Ensure the connection is tight before use.

5. Operating Instructions

5.1 Preparing for Transfer

1. Place the pump's intake tube into the source fluid container, ensuring it reaches the bottom.
2. Position the discharge nozzle into the receiving container. Ensure the receiving container is lower than the source container for optimal flow.

5.2 Initiating Fluid Transfer

1. Locate the ON/OFF switch on the pump handle.
2. Flip the switch to the "ON" position to start the pump.
3. Squeeze the lever on the flow control nozzle to begin dispensing fluid. The pump transfers fluid at a rate of up to 2.6 gallons per minute (9.84 liters per minute).



Figure 3: Flow Control Nozzle in Operation. This image illustrates the flow control nozzle being used, emphasizing its ability to transfer 2.6 gallons per minute. An inset shows the twist mechanism for hands-free operation.

5.3 Using the Flow Lock Feature

For longer fueling sessions, the flow control nozzle can be locked:

1. Squeeze the lever to start the flow.
2. Twist the red ring on the nozzle to engage the lock, allowing for hands-free operation.
3. To stop the flow, twist the red ring back to release the lock, then release the lever.

▶ **Watch video online**
360 Swivel Nozzle Battery Powered Pump w/ Vinyl Hose

Video 1: 360 Swivel Nozzle Battery Powered Pump w/ Vinyl Hose. This video demonstrates the features of the TERA PUMP, including the 360-degree swivel nozzle and the durable vinyl hose, showcasing its ease of use for fluid transfer.

5.4 Compatible Liquids

The TERA PUMP TREP01-T is compatible with:

- Gasoline (E15, E85)
- Diesel
- DEF (AdBlue)
- Kerosene
- Antifreeze
- Non-Potable Water
- Windshield Washer Fluid
- Agricultural Chemicals

CAUTION: Do not use with drinking water or any other potable liquids.



Figure 4: Flexible Discharge Hose and Compatible Liquids. This image highlights the 3.3 ft long, tear-resistant vinyl hose and lists the various compatible liquids for the pump, including DEF, diesel, kerosene, antifreeze, and gasoline.



Figure 5: Wide Application. This image demonstrates the versatility of the pump, showing its use for refueling various vehicles and equipment such as cars, trucks, ATVs, UTVs, generators, mowers, snow blowers, and jetskis.

6. Maintenance

6.1 Cleaning the Pump

- After each use, especially when transferring different types of fluids, it is recommended to run a small amount of clean, compatible fluid (e.g., water for water-compatible fluids, or a small amount of the next intended fluid) through the pump to flush out residues.
- Wipe the exterior of the pump with a clean, dry cloth. Do not submerge the pump body in water.

6.2 Storage

- Ensure the pump is clean and dry before storage.
- Store the nozzle in the integrated nozzle hook on the pump body to prevent drips and keep it secure.

- Store the pump in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries if the pump will not be used for an extended period to prevent corrosion from battery leakage.



Figure 6: Convenient Features. This image highlights the easy ON/OFF switch and the upgraded nozzle hook, which provides a secure and convenient storage solution for the nozzle, preventing drips and keeping the unit tidy.



Figure 7: Easy to Store. The pump is shown stored compactly in a car trunk organizer, illustrating its portable and easy-to-store design. Note that the storage bag is not included.

7. Troubleshooting

Problem	Possible Cause	Solution
Pump does not turn on.	Batteries are dead or incorrectly installed.	Check battery polarity and replace with fresh D-sized batteries.

Problem	Possible Cause	Solution
Slow or no fluid flow.	• Intake tube not fully submerged. • Discharge hose kinked or blocked. • Impeller motor obstructed. • Fluid too viscous for the pump.	• Adjust intake tube to ensure it is fully submerged. • Straighten the hose and check for blockages. • Inspect the impeller for debris (ensure pump is off and batteries removed). • Ensure the fluid is compatible and within the pump's viscosity limits.
Fluid leakage.	Loose connections or damaged hose/seals.	Check all connections for tightness. Inspect the hose and seals for any damage. Replace if necessary.

8. Specifications

Feature	Detail
Model	TREP01-T
Power Source	2 x D-sized batteries (not included)
Flow Rate	Up to 2.6 GPM (9.84 Liters per Minute)
Intake Tube Length	Telescopic, 15 to 20.5 inches
Discharge Hose Length	3.3 feet (Vinyl)
Compatible Liquids	Gasoline, Diesel, DEF, Kerosene, E15, E85, Antifreeze, Non-Potable Water, Windshield Washer Fluid, Agricultural Chemicals
Material	Plastic (Body), Vinyl (Hose)
Item Weight	0.54 Kilograms

▶ **Watch video online**
Telescopic Intake Gas Transfer Pump (2025 Upgrade)

Video 2: Telescopic Intake Gas Transfer Pump (2025 Upgrade). This video provides an overview of the TERA PUMP's features, including its telescopic intake, flow control, and compatibility with various liquids, demonstrating its utility for fuel transfer.

9. Warranty and Support

9.1 Manufacturer Warranty

The TERA PUMP TREP01-T is backed by a 1-Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact TERA PUMP

customer support. Visit the official TERA PUMP website or refer to your product packaging for contact information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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