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TOPWAY TOP07071-1

TOPWAY 110V AC Gasoline Fuel Pump Instruction Manual

Model: TOP07071-1

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, installation, and maintenance of your TOPWAY 110V AC Gasoline Fuel Pump. This self-priming oil transfer pump is designed for transferring gasoline, fuel, light oils, diesel, and kerosene. Please read this manual thoroughly before use to ensure proper function and to prevent injury or damage.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always observe the following safety precautions:

- **Read All Instructions:** Before operating the pump, read and understand all instructions and warnings in this manual.
- **Flammable Liquids:** This pump is designed for flammable liquids. Always operate in a well-ventilated area, away from ignition sources, open flames, sparks, or excessive heat.
- **No Smoking:** Do not smoke while operating or near the pump.
- **Grounding:** Ensure the pump and all associated equipment are properly grounded to prevent static electricity discharge, which can ignite flammable vapors.
- **Overheat Protection:** The pump is equipped with overheat protection. If the pump overheats, it will automatically shut off. Allow it to cool down before resuming operation.
- **Explosion-Proof Design:** The pump incorporates explosion-proof components and technology. However, always exercise extreme caution when handling flammable materials.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses and chemical-resistant gloves, when handling fuels.
- **Not for Water:** This pump is specifically designed for fuels and light oils. Do not use it to pump water or corrosive liquids, as this can damage the pump and void the warranty.
- **Electrical Safety:** Ensure the power supply matches the pump's voltage (110V AC). Do not operate with damaged cords or plugs.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any items are missing or damaged, contact TOPWAY customer support.

- 1 x TOPWAY 110V AC Gasoline Fuel Transfer Pump
- 2 x Hose Adaptors
- 2 x Clips
- 1 x Plastic Oil Filter
- 1 x Sealing Tape



Image 1: The TOPWAY 110V AC Gasoline Fuel Pump shown with its included accessories: hose adaptors, clips, plastic oil filter, and sealing tape.

4. PRODUCT FEATURES

The TOPWAY 110V AC Gasoline Fuel Pump is engineered with several features for reliable and safe fuel transfer:

- **Powerful Performance:** Capable of transferring fuel at a rate of up to 10 Gallons Per Minute (GPM).
- **Self-Priming:** Designed to self-prime, simplifying the setup process. Maximum suction lift is 6.5 ft.
- **Overheat Protection:** Built-in thermal protection prevents the motor from overheating during extended operation.
- **Explosion-Proof:** Features professional explosion-proof components and technology for enhanced safety when handling flammable liquids.
- **Durable Construction:** Made from premium Cast Iron and Stainless Steel (SS) material, ensuring sturdiness and corrosion resistance.

- **Pure Copper Motor:** Equipped with a high-efficiency, low-noise pure copper motor for long-lasting performance.
- **Portable Design:** Includes a solid built-in handle for easy carrying and transport.
- **Stable Base:** Features a stable built-in base for direct fixation to various surfaces.
- **Built-in Bypass:** Allows for continuous operation without damaging the pump if the nozzle is closed.

PREMIUM DESIGN

safety upgrade with explosion-proof materia



Thick Metal Handle



100% Copper Motor



Explosion-Proof Switch



Image 2: Detailed view highlighting key design elements such as the thick metal handle, 100% copper motor, explosion-proof switch, and robust cast iron body, along with a visual representation of included accessories.

SELF-PRIMING PUMP

built-in thermal protection to prevent motor overheating



Image 3: Illustration demonstrating the self-priming capability of the pump, indicating maximum lift of 33ft and maximum suction of 6.5ft. Also shows icons for compatible liquids: gasoline, fuel, vegetable oil, and kerosene.

5. SPECIFICATIONS

Specification	Value
Model Number	TOP07071-1
Power Source	Corded Electric (110V AC)
Power	1/4 HP
Maximum Flow Rate	10 Gallons Per Minute (GPM)
Maximum Suction Lift	6.5 ft
Maximum Lift	33 ft

Specification	Value
Inlet/Outlet Port	NPT 3/4"
Hose Adaptor Diameter	Φ19mm
Compatible Fluids	Gasoline, Diesel, Light Oil, Kerosene (Not for water)
Material	Cast Iron, Stainless Steel
Item Weight	10 Pounds
Power Cord Length	11 ft

PUMP SPECIFICATION

Compatible liquids for gasoline/diesel/light oil



Power: 1/4HP

Voltage: 110V/60Hz
Max.Flow: 10GPM
Max.Lift: 33ft
Max.Suction: 6.5ft



11ft Power Cord



Explosion-proof Switch



None-Slip Base

Image 4: A visual representation of the pump's specifications, including physical dimensions (7.6 inches length, 5.2 inches height), power cord length, and performance metrics like power, voltage, max flow, max lift, and max suction.

6. SETUP

Follow these steps for initial setup of your fuel pump:

- 1. Unpack:** Remove all components from the packaging.
- 2. Inspect:** Check the pump and all accessories for any signs of damage. Do not use if damaged.
- 3. Attach Hose Adaptors:** Securely attach the two hose adaptors to the inlet and outlet ports of the pump. Use the provided sealing tape on the threads to ensure a leak-proof connection.
- 4. Install Filter:** Connect the plastic oil filter to the inlet hose adaptor. This filter helps prevent debris from entering the pump.
- 5. Secure Hoses:** Attach your fuel hoses (not included) to the hose adaptors using the provided clips to ensure a tight and secure connection.
- 6. Placement:** Place the pump on a stable, level surface. The built-in base allows for direct fixation if desired. Ensure the pump is positioned in a well-ventilated area, away from any ignition sources.
- 7. Power Connection:** Connect the pump's power cord to a grounded 110V AC electrical outlet. Ensure the outlet is suitable for outdoor use if operating outdoors.

7. OPERATING INSTRUCTIONS

Once set up, follow these steps to operate your TOPWAY fuel pump:

- 1. Prepare:** Ensure the inlet hose is fully submerged in the fuel source and the outlet hose is directed into the receiving container.
- 2. Power On:** Flip the explosion-proof switch to the 'ON' position. The pump will begin to operate.
- 3. Monitor Flow:** The pump is self-priming. Allow a few moments for the pump to prime and begin transferring fuel. Monitor the flow rate and ensure there are no leaks.
- 4. Transfer Fuel:** Continue pumping until the desired amount of fuel has been transferred or the source tank is empty.
- 5. Power Off:** Once transfer is complete, flip the switch to the 'OFF' position.
- 6. Disconnect:** Carefully disconnect the hoses, ensuring any residual fuel is contained.

Compatible Liquids

This pump is compatible with:

- Gasoline
- Diesel
- Light Oils
- Kerosene

IMPORTANT: Do not use this pump for water, corrosive chemicals, or highly viscous liquids. Using incompatible liquids can damage the pump and pose safety risks.

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pump:

- Cleaning:** After each use, especially when transferring different types of fuel, flush the pump with a small amount of the new fuel or a compatible cleaning agent to prevent contamination and residue buildup. Wipe down the exterior with a clean cloth.
- Filter Inspection:** Regularly inspect the plastic oil filter for clogs or damage. Clean or replace the filter as needed to maintain optimal flow and protect the pump.

- **Hose and Connection Check:** Periodically inspect hoses, adaptors, and clips for wear, cracks, or leaks. Replace any damaged components immediately.
- **Storage:** When not in use, store the pump in a clean, dry, and well-ventilated area, away from direct sunlight, extreme temperatures, and ignition sources. Ensure all fuel is drained from the pump and hoses before storage.
- **Electrical Cord:** Check the power cord and plug for any damage before each use. Do not use if frayed or damaged.

9. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start	No power supply Damaged power cord/plug Overheat protection activated	Check power connection and outlet Inspect cord/plug; replace if damaged Allow pump to cool down (approx. 30 mins)
Low flow rate or no flow	Clogged filter Air leak in inlet hose/connections Inlet hose not fully submerged Pump not primed (though self-priming, can happen) Excessive lift/suction height	Clean or replace filter Check all connections for tightness Ensure inlet hose is fully in liquid Ensure sufficient liquid in source tank Reduce lift/suction height within specifications
Pump is noisy	Air in the system Pump running dry Debris in pump	Check for air leaks in inlet line Ensure continuous fuel supply Disconnect power, inspect and clear debris (if safe)
Fuel leakage	Loose connections Damaged hoses/seals	Tighten all hose adaptors and clips Inspect and replace damaged hoses or seals

If the problem persists after attempting these solutions, please contact TOPWAY customer support.

10. APPLICATIONS

The TOPWAY 110V AC Gasoline Fuel Pump is versatile and suitable for a wide range of fuel transfer applications, including but not limited to:

- Vehicles (cars, trucks, motorcycles)
- Caravans and RVs
- Boats and marine vessels
- Agricultural machinery (tractors, harvesters)
- Construction equipment
- Filling or emptying diesel/oil/gasoline storage tanks

WIDE APPLICATION

Strict factory testing for safety, sturdy, and durable



RV



Harvester



Jeep



Oil Barrel

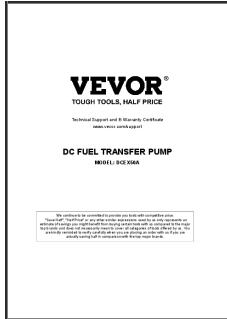
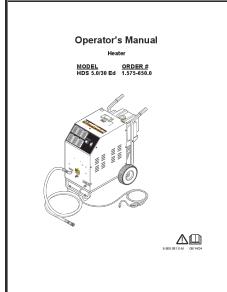
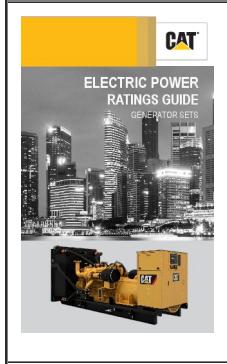
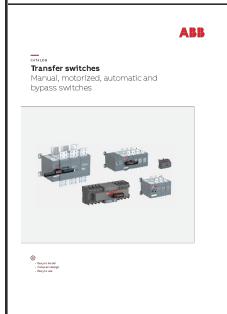
Image 5: Examples of wide applications for the fuel pump, including recreational vehicles (RVs), agricultural harvesters, Jeeps, and transferring fuel from oil barrels.

11. WARRANTY AND SUPPORT

Warranty: This TOPWAY fuel pump comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, neglect, accident, unauthorized repair, or use with incompatible liquids.

Customer Support: For any questions, technical assistance, warranty claims, or troubleshooting beyond what is covered in this manual, please contact TOPWAY customer support. Refer to your purchase documentation or the seller's information for specific contact details. Please have your model number (TOP07071-1) and purchase date ready when contacting support.

Related Documents - TOP07071-1

	<p>VEVOR DC Fuel Transfer Pump DCEX50A: User Manual & Specifications</p> <p>Explore the VEVOR DC Fuel Transfer Pump (Model DCEX50A) with this comprehensive guide. Find detailed specifications, safety instructions, accessory lists, and troubleshooting tips for efficient fuel transfer. Visit www.vevor.com/support for assistance.</p>
	<p>HDS 5.0/30 Ed Heater Operator's Manual - Safety, Operation, Maintenance</p> <p>Comprehensive operator's manual for the HDS 5.0/30 Ed Heater pressure washer. Includes detailed safety instructions, installation guides, operating procedures, maintenance schedules, and troubleshooting tips.</p>
	<p>Caterpillar Electric Power Ratings Guide: Generator Sets, Diesel, Gas, and Renewables</p> <p>Explore the comprehensive Caterpillar Electric Power Ratings Guide, detailing specifications for diesel, gas, and renewable energy generator sets, including EMCP controllers and system products. Find power ratings, technical data, and support information.</p>
	<p>Landa PGHW Hot Water Pressure Washer Operator's Manual</p> <p>Operator's manual for the Landa PGHW series of hot water pressure washers, covering safety, operation, maintenance, and troubleshooting.</p>
	<p>ABB Transfer Switches: Manual, Motorized, Automatic & Bypass Solutions</p> <p>Explore ABB's comprehensive range of manual, motorized, and automatic transfer, change-over, and bypass switches. Discover reliable performance, compact design, and safe operations for critical power applications, available from 16 to 3200 Amperes.</p>
	<p>S&S Diesel Motorsport CP4 to DCR Pump Conversion for Ford 6.7L Power Stroke Installation Guide</p> <p>Detailed installation instructions for the S&S Diesel Motorsport CP4 to DCR Pump Conversion Kit for Ford 6.7L Power Stroke engines (2011-2025). Includes parts list, tools required, critical torque specifications, and step-by-step procedures for replacing the CP4 pump with the DCR pump.</p>