

TOPWAY 122901

TOPWAY 16 Gallon Portable Fuel Caddy User Manual

Model: 122901 | Brand: TOPWAY

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your TOPWAY 16 Gallon Portable Fuel Caddy. Designed for transferring gasoline, diesel, and machine oil, this unit features a 12V DC electric self-priming pump, making fuel transfer convenient for various applications including cars, lawn mowers, ATVs, and boats.

Key Features:

- **Premium Materials:** Constructed from High Density Polyethylene (HDPE), UV stabilized, and resistant to rust and corrosion for maximum durability.
- **Portable Design:** Equipped with a solid handle and 6-inch rubber wheels for easy movement across various terrains.
- **High Capacity Pump:** 12V DC electric pump with a flow rate of 2.3/3.7 GPM, capable of pumping 16 gallons in under 5 minutes.
- **Dual Pumping Modes:** Features a Forward/Reverse Pumping switch for versatile usage.
- **Wide Application:** Suitable for fueling lawn tractors, boats, jet skis, ATVs, snowmobiles, trimmers, chainsaws, and leaf blowers.

SAFETY INFORMATION

Always prioritize safety when handling fuel. Read and understand all warnings and instructions before use.

- Ensure proper grounding to prevent static discharge when transferring fuel.
- Operate in a well-ventilated area, away from open flames, sparks, or other ignition sources.
- Do not overfill the tank.
- Always loosen the vent cap appropriately during use and tighten it after use to relieve pressure and prevent tank deformation.
- Check all connections, screws, and fixtures before each use, as they may loosen during transportation.

SETUP AND ASSEMBLY

The TOPWAY Portable Fuel Caddy requires minimal assembly. Follow these steps to prepare your unit for use:

1. **Attach the Pump:** Secure the 12V DC electric pump to the designated mounting plate on the caddy using the provided bolts. Ensure it is firmly attached.
2. **Connect Hoses:**
 - Apply 5 wraps of Teflon tape (provided) to the threaded connections of the ball valve and pump outlets.
 - Connect the 3.2ft metal wire suction oil hose (with filter) to the pump inlet.
 - Connect the 13ft rubber discharge hose to the pump outlet.
 - Secure all hose connections with the provided hose clamps, ensuring a tight, leak-free seal.
3. **Attach Fuel Nozzle:** Connect the aluminum-alloy fuel nozzle to the end of the discharge hose.
4. **Grounding Wire:** The unit includes a grounding wire with alligator clips. Always clip this to a metal part of the receiving vehicle or a suitable ground point during operation to prevent static electricity buildup.
5. **Vent Cap:** Ensure the vent cap on top of the caddy is properly installed and understood for its air relief function.



Image: Detailed view of the TOPWAY Fuel Caddy's components and assembly points, including the vent cap, 12V DC pump, hoses, and aluminum fuel nozzle.

Your browser does not support the video tag.

Video: A seller-provided video demonstrating the assembly process of a 16-gallon portable fuel caddy, including attaching the pump and connecting hoses.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective fuel transfer:

1. Prepare for Fueling:

- Position the fuel caddy on a stable, level surface near the vehicle or equipment to be fueled.
- Ensure the grounding wire is securely clipped to a metal part of the receiving equipment.
- Loosen the vent cap on the caddy to allow air intake during transfer.

2. **Connect Power:** Connect the 12V DC pump to a suitable 12V power source (e.g., vehicle battery) using the DC

clamps.

3. **Insert Nozzle:** Insert the aluminum fuel nozzle into the fuel tank of the equipment you wish to fill.
4. **Start Pumping:** Activate the pump using the Forward/Reverse Pumping switch. Select the "Forward" direction to transfer fuel out of the caddy.
5. **Monitor Fuel Level:** Continuously monitor the fuel level in the receiving tank to prevent overfilling. The pump may feature an auto-stop sensor on the nozzle for convenience.
6. **Stop Pumping:** Once fueling is complete, switch off the pump, remove the nozzle, and secure the receiving tank's cap.
7. **Secure Caddy:** Tighten the vent cap on the fuel caddy.



Image: The TOPWAY 16 Gallon Portable Fuel Caddy positioned next to a car, with the fuel nozzle inserted into the car's fuel tank, demonstrating a typical fueling operation.

ALUMINIUM FUEL NOZZLE



Image: Close-up of the aluminum fuel nozzle being used to dispense fuel, highlighting its robust construction and compatibility with various fuel types.

TWO WAY PUMPING

Unique switch for reversible pumping in one touch



Image: Illustration of the dual-way pumping switch, showing both forward ("I") and reverse ("R") pumping directions for the electric pump.

MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your fuel caddy:

- **Vent Cap Management:** Regularly release the vent cap to relieve pressure, especially when storing the caddy, to prevent deformation due to fuel volatility.
- **Hose and Connection Inspection:** Periodically inspect all hoses, clamps, and connections for wear, damage, or leaks. Replace any compromised parts immediately.
- **Pump Cleaning:** Keep the pump free from dirt and debris. Refer to the pump's specific instructions for any internal cleaning or maintenance.
- **Storage:** Store the fuel caddy in a cool, dry, well-ventilated area away from direct sunlight, heat sources, and ignition sources.

TROUBLESHOOTING

If you encounter issues with your TOPWAY Fuel Caddy, consider the following:

- **No Fuel Flow:**
 - Check if the 12V DC pump is properly connected to a power source and receiving power.
 - Ensure the vent cap on the caddy is loosened.
 - Verify that the pump switch is in the "Forward" position.
 - Inspect hoses for kinks or blockages.
- **Leaks from Connections:**
 - Tighten all hose clamps and threaded connections.
 - Ensure Teflon tape was applied correctly to threaded fittings during assembly.
 - Check for damaged hoses or seals and replace if necessary.
- **Tank Deformation:**
 - This can occur due to pressure buildup from fuel volatility. Regularly release the vent cap to prevent this.

SPECIFICATIONS

Brand	TOPWAY
Model Number	122901
Capacity	16 Gallons (60 Liters)
Material	High Density Polyethylene (HDPE), Cast Iron
Pump Type	12V DC Electric Self-priming Transfer Pump
Pump Power	1/10 HP
Flow Rate	2.3 / 3.7 GPM
Working Amps	6.2A - 8A (Max)
Max. Head	19 FT
Max. Suction	4.9 FT
Suction Hose Length	3.2 FT (Metal Wire)
Discharge Hose Length	13 FT (Rubber)
Item Weight	27.5 pounds (12.5 Kilograms)
Package Dimensions	34.5 x 18 x 13 inches
Color	Red


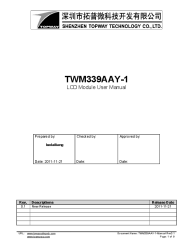



WARRANTY AND SUPPORT

Your TOPWAY 16 Gallon Portable Fuel Caddy comes with a**1-year manufacturer warranty**.
For any questions, concerns, or warranty claims, please contact TOPWAY customer support. Each item is 100% factory

tested before shipment. If you are not satisfied for any reason, please feel free to contact us, and we will reply and solve your problems within 24 hours.

For additional support and product information, visit the[TOPWAY Store on Amazon](#).

Related Documents - 122901

	<p>TOPWAY TWM339AHG-1 LCD Module User Manual</p> <p>User manual for the TOPWAY TWM339AHG-1 LCD Module, detailing specifications, electrical characteristics, function specifications, command listings, and handling precautions. Includes I2C interface information and memory maps.</p>
	<p>TWM339AAY-1 LCD Module User Manual - Shenzhen Topway Technology</p> <p>User manual for the TOPWAY TWM339AAY-1 LCD Module, detailing specifications, electrical characteristics, function specifications, and handling precautions.</p>
	<p>TOPWAY TWM12007-1 LCD Module User Manual - Specifications & Handling</p> <p>Comprehensive user manual for the TOPWAY TWM12007-1 LCD Module. Includes technical specifications, electrical characteristics, command listings, interfacing details, and essential handling precautions.</p>
	<p>TOPWAY Smart LCD SGTools Handbook: User Guide for Industrial Displays</p> <p>Comprehensive user handbook for TOPWAY Smart LCD modules and the SGTools software. Learn about features, functions, UI design, and serial communication for industrial and instrumentation applications.</p>
	<p>TWM09002 LCD Module User Manual - TOPWAY</p> <p>Comprehensive user manual for the TOPWAY TWM09002 LCD Module, detailing its basic specifications, electrical characteristics, function specifications, and essential design and handling precautions.</p>



[TOPWAY Smart LCD SGTools Handbook: A Comprehensive Guide](#)

Explore the TOPWAY Smart LCD SGTools Handbook for detailed information on designing and implementing smart LCD interfaces. This guide covers software features, element configurations, serial communication, and practical examples for industrial and instrumentation applications.