

Fuel Transfer Tank 50 Gallon

The fuel tank is designed for transfer with a wide range of fuels, including gasoline, diesel, etc.



User Manual

After-sales service email: service@tosupports.com

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Safety Instructions



Warning!

Before attempting to use the fuel tank, carefully read and take note of the following safety warnings.

Failure to comply with these warnings may result in serious injury or death.

-  **Fuel tank is designed and manufactured solely for the purpose of carrying And pumping fuel. Under no circumstances may it be used for any other purposes.**
-  Prior to installing or using the fuel tank, all operators must have read and fully Understand the contents of this instruction manual as well as all other manuals supplied, and The safety decal fitted to the tank.
-  Never allow an inadequately trained person to install or operate the fuel tank.
-  Ensure the capacity of the vehicle is suitable for the loaded mass of the tank. Refer to the vehicle operator's manual for safe working loads, correct secure points, and Relevant safety instructions.
-  Avoid fuel contact with skin and eyes and avoid breathing vapors or mists. Refer to the Material data safety sheet from your supplier for recommended safety precautions And any required protective equipment for use when handling. Ensure that all operators and Associated personnel are familiar with the legal regulations and codes of practice that apply To the safe use, storage, and disposal of.
-  Fuel tank should be securely restrained or tied down when being transported in a vehicle
-  Fuel tank should not be lifted when partially or completely full unless supported by An appropriate frame or pallet.
-  The fuel tank should never be left unattended while dispensing or being filled.
-  Before attempting to fill the tank at a service station consult the operator for the correct Procedure.
-  Do not store the fuel tank within or next to a dwelling or garage attached to a dwelling.
-  Always store the fuel tank in well-ventilated open areas.
-  Storage of the fuel tank must not be in the proximity of any heating or ignition sources.
-  No combustible waste material or residues shall be permitted to remain in or around areas in Which fuel is stored or decanted
-  Any spillage shall be cleaned up immediately and the materials used in the clean-up shall be Disposed of safely and in accordance with any legal regulations and codes of practice that Apply to the safe use, storage, and disposal of fuel.
-  Ensure that the electrical lead(s) are always in good condition and the wire is not exposed Through the plastic coating. Do not allow the lead to become tightly knotted, crushed, or Pinched.

Specification



50 Gallon Diesel Fuel Tank

1	Locking Cover	6	Automatic Nozzle
2	Oil gauge	7	Lid Clasps
3	Suction Hose, Clamp, and Curved Tube	8	Power Cable with Battery Terminal Clamps
4	13.1ft Power Cable	9	Filler Cap with Vent
5	12V DC Fuel Transfer Pump	10	13.1ft Delivery Hose

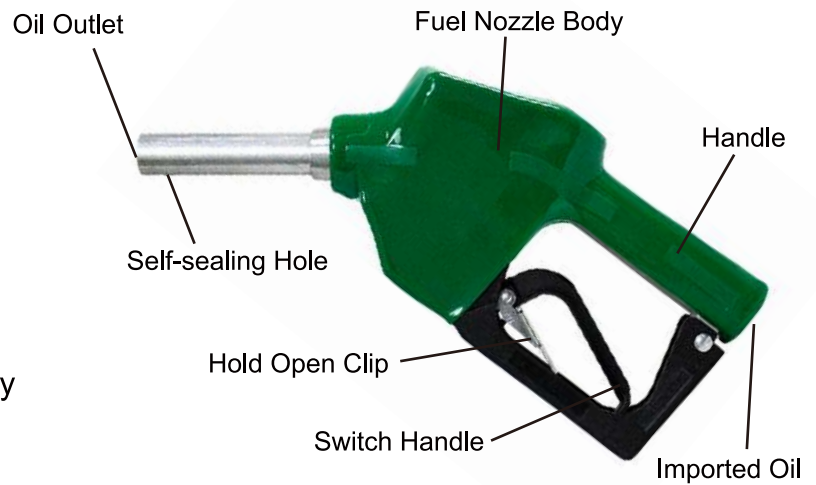
SPECIFICATIONS

BreAro Diesel Fuel Tank is a polyethylene tank for the transport of fuel and is made of linear polyethylene, a material that ensures excellent resistance against shocks, temperature, and chemical and atmospheric agents;

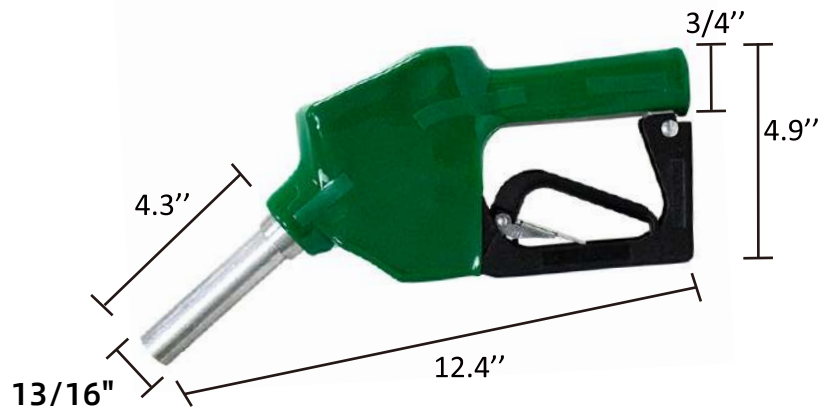
Capacity	Nozzle	Oil gauge	Lock	Size	Weight
50 gallon	Automatic	√	√	37.8"21.7"22.4"	66 lbs

Pump	Power	GPM	RPM	Power cable	Delivery hose
12V DC	200W	10.6	3200	13.1ft	13.1ft

Automatic Nozzle



- **Material:** Aluminum Alloy
- **Out Fuel Tubing:** Aluminium Alloy & Stainless Steel
- **Import:** 3/4"NPT
- **Outlet :** 13/16"
- **Thread:** NPT Thread
- **Weight:** 2.6Lb (1.16KG)
- **Flow Range:** 0-60(L/Min)



3/4" NPT Automatic Fueling Nozzle

Operation and Installation

PREPARING THE TRANSFER TANK FOR OPERATION:

For transport purposes, some transfer units will be supplied with the Delivery hose and Automatic Shut-off gun disconnected from the pump. Before attempting to pump any Diesel ensure that the delivery hose is securely fitted to the pump's outlet and that the Automatic Shut-off gun (with swivel) is fitted to the other end of the delivery hose.

CONNECTING TO A POWER SUPPLY:

All the diesel transfer units are fitted with DC electric motors that are supplied with alligator clips that can be connected directly to a 12-volt DC battery. Connect the Red alligator clip to the positive terminal and the black alligator clip to the negative terminal. If the pump runs backward, simply swap the clips on the battery.

FILLING THE FUEL TANK:

Before filling, the user must verify that the tank has not manifest defect, either in its structure or its service equipment. Always make sure, after filling took place, that the filling unit is tightened.

After filling the tank a minimum empty part must be left to ensure that, in case of expansion of material as a result of the heating during transport, leakage of product or emission of vapours into the atmosphere are anyway prevented.

With filling temperature of 15°C and max transport temperature 55°C, the maximum filling % admitted is limited to 94%.

However, where the difference between filling and transport temperature is estimated at less than 35°C, the filling percentage may be increased, but may not in any case exceed 98% The maximum quantities of fuel transported are designated, for each model of fuel tank, in the following table:

Model	Actual geometric capacity(Galones)	Max volume of fuel transportable (G)	
		Filling 94%	Filling 98%
CARRY TANK 50G	50	47	49

The more the container is protected from extreme temperatures during transport (eg. Transport in covered or sheeted containers), the higher the percentage of usable fill, and thus the amount of gas oil transported.

Failure to respect the above precaution can lead to dispersion of dangerous material in transit, or emission of flammable vapours, which, besides constituting serious violations of environmental and traffic regulations, can represent danger regarding the formation of potentially explosive atmosphere or fire triggers.

TRANSFERRING FUEL:

The pump will need to prime itself upon first use. Turn the pump on and depress the trigger to allow air to bleed from the hoses, after a short time the pump will have primed and delivery will commence. We recommend for this first priming that the lid is removed from the tank and the nozzle is directed back into the tank while pumping to avoid spillage or loss of, with this done the unit is now ready to operate.

To dispense the pump must be turned on and the nozzle trigger depressed, the nozzle features an automatic shut-off which operates when fluid contacts the outer nozzle. Once the auto shut-off operates turn off the pump within 2 or 3 minutes so as not to allow the motor to run for longer than its specified duty cycle.

Troubleshoot

TROUBLE SHOOTING GUIDE	
Problem	Solution
Voltage Range	<ul style="list-style-type: none"> ● Battery Voltage: Should reach the range of $12V \pm 10\%$.
The pump runs but does not pump	<ul style="list-style-type: none"> ● Check if the positive and negative terminals of the pump are connected correctly; red is positive, black is negative.
	<ul style="list-style-type: none"> ● Ensure the power supply is sufficient.
	<ul style="list-style-type: none"> ● Check the liquid level gauge to see if the fuel in the tank is too low, which may prevent extraction.
	<ul style="list-style-type: none"> ● Remove the fuel gun and directly use the fuel hose to refuel, to determine if the fuel gun is damaged.
	<ul style="list-style-type: none"> ● Remove the pump and inspect the spring inside the outlet for any misalignment or deformation.
Low Flow; Pump Producing Abnormal Noise	<ul style="list-style-type: none"> ● Check the nozzle of the fuel gun for any impurities.
	<ul style="list-style-type: none"> ● It may be that impurities are blocking the pump during operation. First, unscrew the three screws on the pump head and check the blades and impurities inside. Clean out any dirt and debris. If the wires are overheating, stop the pump and let it rest for about 10 minutes.
Pump Wiring Overheating	<ul style="list-style-type: none"> ● If the wires are overheating, stop the pump and let it rest for about 10 minutes.

Customer Service

Dear customer,

Thank you for purchasing Fuel Transfer Tank.

This is an after-sales email to offer you a better experience. Your satisfaction is the best encouragement for us.

Fuel Transfer Tank has a 1-year warranty. We provide 7*24 hours after-sales service if there is any problem with the product, please feel free to contact us through this email: service@tosupports.com

We will try our best to solve the problem and provide you with satisfactory customer service.

Besides, please check the User Manual for the instructions.

Thanks again for your support.

Kind regards

After-sales Service Team

NEED HELP? CONTACT US!

Have product questions? Need Technical Support? Please feel free to contact us:

✉ Mail: service@tosupports.com ? Help Center: [ToSupports.com](https://tosupports.com) ☎ Phone: 1-888-968-7197

For more help please scan the code

