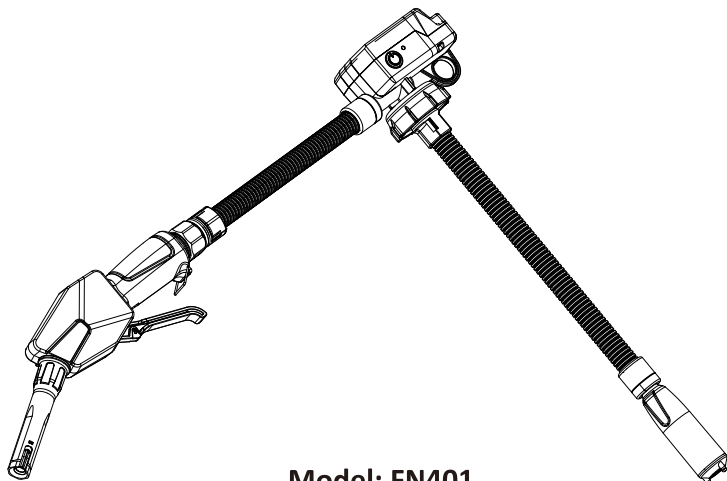


Owner's Manual & Safety Instructions

LITHIUM-ION BATTERY OPERATED LIQUID TRANSFER PUMP



Model: FN401

Save this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures.

DANGER

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Addresses practices not related to personal injury.

Specifications:

Rated Power	20W
Rated Input	18V/20V
DC Input	12V
Auto-Stop	Built-in Auto-Stop System
Manual Control	Manual refueling, can be stopped anytime
Applications	Gasoline• Diesel• Kerosene• Diesel Exhaust Fluid (DEF) for vehicles• Antifreeze• Windshield Washer Fluid• Water (non-potable) Note: Not suitable for corrosive chemicals and viscous liquids such as engine oil, lubricating oil, etc.

IMPORTANT SAFETY INFORMATION

⚠ WARNING Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in serious injury. Save all warnings and instructions for future reference.

1. Do not use with corrosive liquids. Not for use with drinking water.
2. When pumping gasoline and flammable liquids, be alert to possible explosion hazard. Flammable fluid fumes and gasoline vapors can be an explosive hazard. Avoid sparks and use only with adequate ventilation.
3. Wear ANSI-approved safety goggles and heavy-duty, chemical resistant work gloves during use.
4. This product is not a toy. Do not allow children to play with or near this item.
5. Use as intended only. Only use pump for transferring gasoline, diesel, kerosene, diesel exhaust fluid (DEF), antifreeze, windshield washer fluid, non-potable water, and other non-corrosive and non-viscous liquids.
6. Do not use if Pump is hot.
7. Verify that all connections are tight before use to eliminate leaking.
8. Do not pump waste oil, dirty oil, or deteriorated/expired oil (which may cause our product to malfunction).
9. Do not use near open flame or heat sources.
10. Do not turn Pump upside down after use.
11. Do not subject the pump to severe vibration. Remove batteries when not in use.
12. Know and obey city and state laws for proper disposal of oil and gasoline. Dispose of properly in accordance with all local laws and regulations.
13. Follow all guidelines regarding materials being pumped, including SDS instructions and EPA regulations.
14. Do not use swollen or leaking batteries.
15. Do not operate when tired or when under the influence of drugs or medication.
16. Inspect before every use; do not use if parts are loose or damaged.
17. Do not use the pump for potable liquids, or with thinners, solvents, acetone, benzene, creosote, ethanol, phenol, methanol, concentrated caustic soda solution, nitric acid, hydrochloric acid, sulfuric acid, etc.
18. Maintain product labels and nameplates. These carry important information.

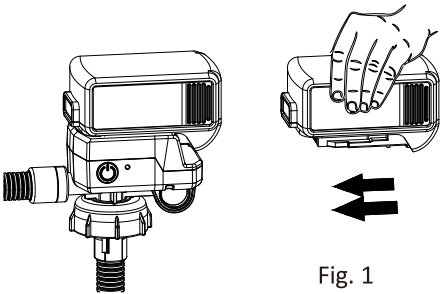
SAVE THESE INSTRUCTIONS.

OPERATING INSTRUCTIONS

Read the ENTIRE WARNING section at the beginning of this manual, including all text under subheadings, before setting up or using this product.

Power Supply Methods

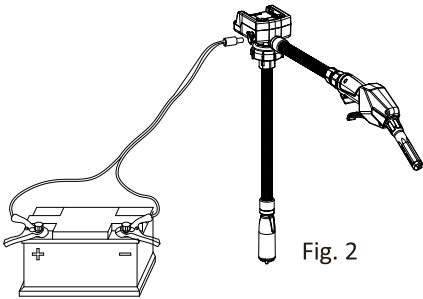
- (1) 18V/20V Lithium-ion Battery (Use a compatible battery. Battery not included)



- (2) 12V Car Battery via the included 3m alligator clip cable.

Black Clip: Connect to the negative (-) terminal.
Red Clip: Connect to the positive (+) terminal.

NOTE: Always observe correct polarity (red to positive, black to negative) when connecting to a battery. Ensure clips have a secure connection to prevent arcing.

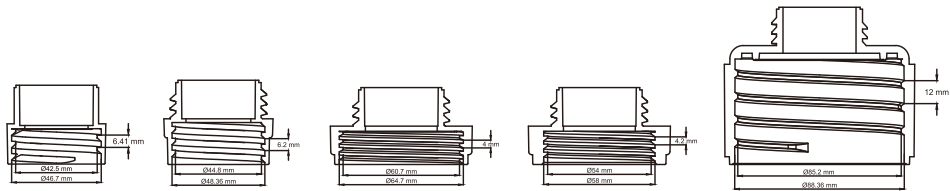


HOW TO USE

Using The Adapters

NOTE: This transfer pump comes with five included adapters to use on most North America fuel cans. It is not necessary to attach an adapter, but recommended to make sure the transfer pump is secured on to the fuel can or supply tank being used.

1. Find the adapter that is most suitable for your supply tank and tightly fasten the adapter onto your supply tank, as Fig3.



2.Insert intake hose through the adapter and fasten the pump's joint nut tightly as Fig.4

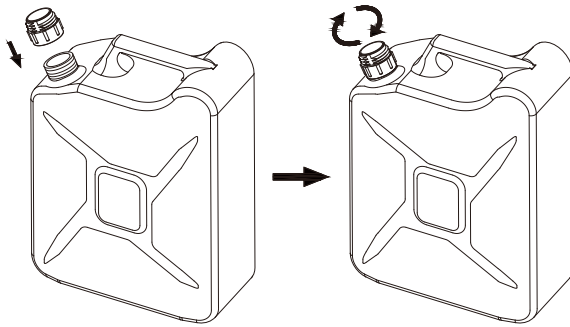


Fig.4

HOW TO PUMP THE LIQUID FROM CANS.

1.Insert the intake hose through the adapter and fasten the pump connector tightly as shown in Fig.5,and ensure that the intake tube is inserted into the liquid to be transferred.

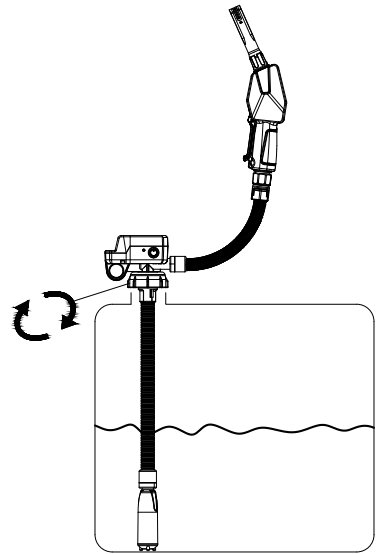


Fig.5

2. Align the nozzle with the target position where the liquid is to be removed, press the handle, and push the normally open lock upward to lock the handle, as shown in Fig 6.

Note: This product does not have a clip device. When pumping liquid, hold the nozzle and press the handle.

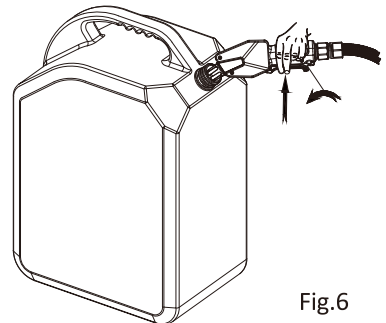


Fig.6

3. Press the power switch button—the indicator light will illuminate and the pump will start.

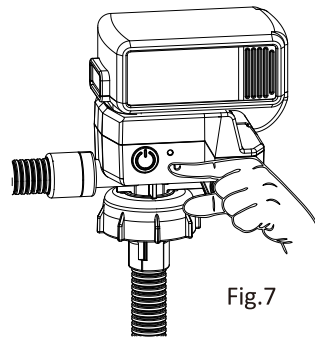


Fig.7

4. Squeeze the handle to begin pumping liquid. When the liquid in the receiving container reaches the auto-stop line on the nozzle, the pump will automatically shut off and power down.

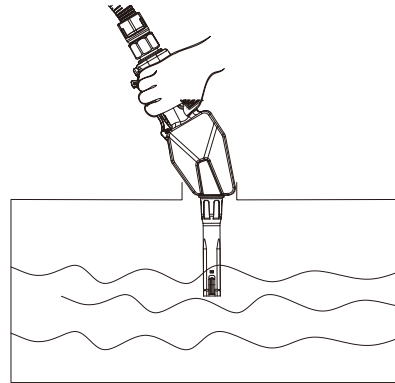


Fig.8

5. During refueling, release the handle at any time to pause and close the fluid flow. To resume, lift the handle again. To completely stop refueling, press the power switch—the indicator light will turn off and the pump will stop.

6. For extended refueling, rotate the handle lock to the catch position and release the handle. The lock will hold the handle in place, keeping the fuel passage open for continuous, hands-free operation. To stop refueling at any time, simply lift the handle gently—the lock will automatically spring open and disengage from the catch. Release the handle to close the fuel passage and stop refueling as shown in Fig. 9.

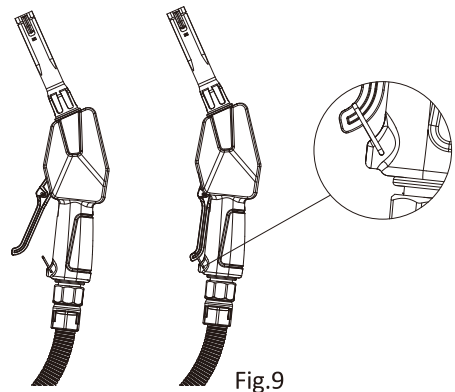


Fig.9

7. After refueling, ensure the pump is stopped, and the indicator light is off. Remove the nozzle, squeeze the handle, and raise the nozzle to allow fuel in the hose to drain back into the tank. Once drainage is complete, release the handle, as shown in Fig. 10.

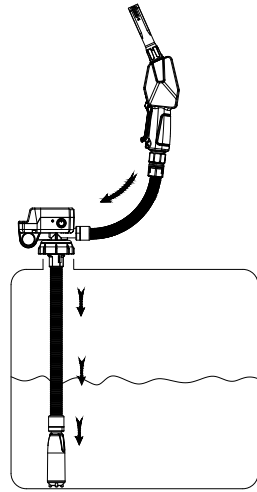


Fig.10

8. Place the discharge nozzle back to the nozzle compartment and hook it securely as shown in fig.11.

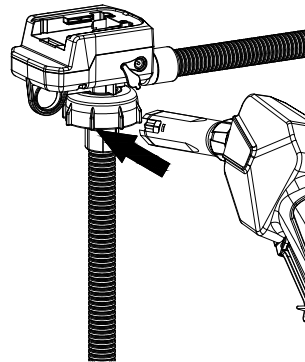
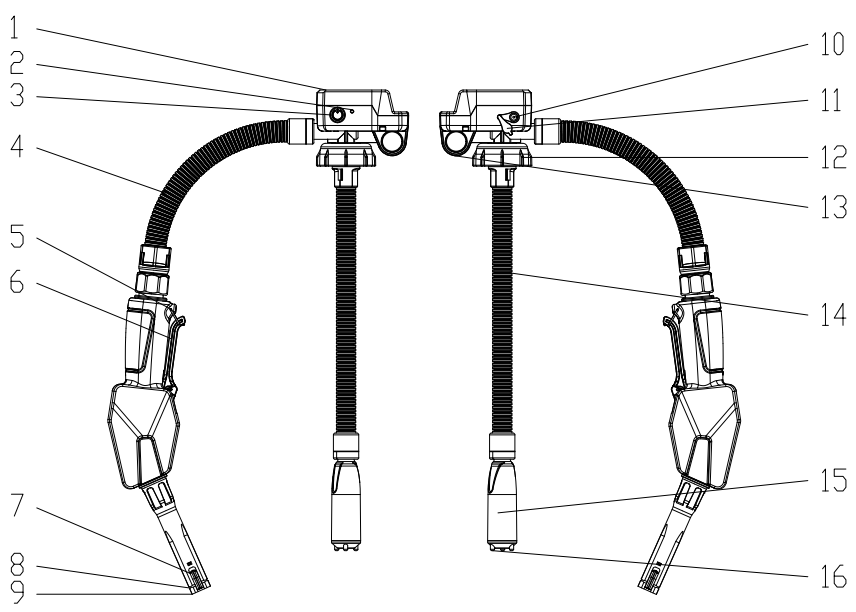


Fig.11

Attention:

- * The above eight steps must be operated in order, otherwise it may be due to the wrong order of operation, resulting in trapped gas in the pump body and no fuel can be pumped.
- * Do not run unit dry.
- * Make sure intake tube is fully submerged in liquid before turning on.
- * After use, do not turn Pump upside down.
- * Rinse unit with water and wipe dry. Remove batteries and store in a clean, dry location out of reach of children.
- * Do not lift up or push down the pump while it is attached to the fuel tank.
- * After use, remove the pump from the fuel can.
- * Do not leave the pump in the fuel can for extended periods.
- * The pump is not self-sealing and must not be used as a sealing cap.

PARTS LIST:



1	Battery Compartment	9	Nozzle Outlet
2	Indicator Light	10	DC Hole Plug
3	On/Off Button	11	DC Hole Cover
4	Discharge Hose	12	Joint Nut
5	Handle Lock	13	Nozzle Compartment
6	Handle	14	Intake Hose
7	Sensor	15	Motor Inside
8	Auto-stop Line	16	Pump Cap

TROUBLESHOOTING

FAULTS	CHECKS (possible causes)	REMEDIES
The pump does not work when turned on.	1. Battery not properly installed. 2. Poor DC contact 3. Battery depleted	1. Ensure the battery is correctly placed in the battery compartment. 2. Ensure the DC power supply is fully connected. 3. Replace the battery/charge the battery
Pump performance is low	Battery is about to run out.	Replace/charge the battery.
The pump started after the power button was pressed, but then suddenly stopped.	The filter of the receiving tank may be blocked with foreign objects.	Remove foreign objects from the filter.
Pump immediately stops after pressing the ON button	1. Batteries are depleted 2. The sensor inlet accumulates liquid and touches the sensor automatic stop function	1. Replace/charge the battery. 2. Remove the liquid from the sensor inlet and ensure that the liquid does not contact the automatic stop function of the sensor.
Pump running, but no fuel delivery after pressing the ON button	1. The impeller is stuck or blocked by impurities. 2. Handle was not squeezed.	1. Remove the pump and clean out any impurities. 2. Check if the handle is squeezed.
Long press the ON button to work, release will stop working	1. Automatic stop function when liquid accumulates in the sensor head and is touched. 2. The sensor is loose.	1. Remove the liquid from the sensor head and ensure that the liquid does not come into contact with the sensor's automatic stop function. 2. Move the sensor to the correct clamping position and clamp it.
Pump stops before receiving tank is full	1. Batteries are depleted 2. Sensor is too low and is touching the liquid 3. The DC power supply is in poor contact or the power supply is insufficient.	1. Replace/charge the battery. 2. Adjust the discharge nozzle upwards to bring the sensor closer to the top of the fuel tank. 3. Ensure the DC power cord is fully connected to the power source and check the power level.