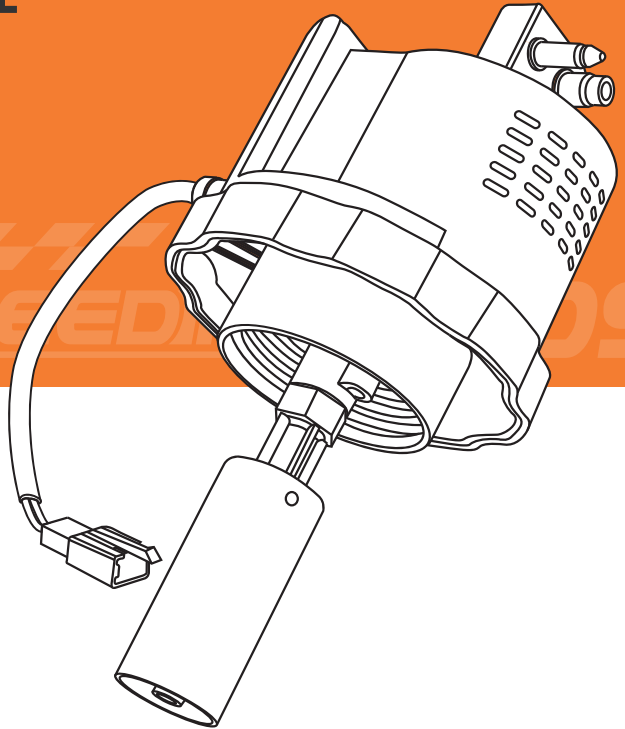


ELECTRIC FUEL PUMP

USER MANUAL





DANGER

This manual contains important instructions. For your safety and the safety of others, be sure to read this manual thoroughly before operating the electric fuel pump. Failure to properly follow all instructions and precautions can cause you and others to be seriously hurt or killed.

DISCLAIMERS

All information, illustrations and specifications in this manual are based on the latest information available at the time of publishing. The illustrations used in this manual are intended as representative reference views only. Moreover, because of our continuous product improvement policy, we may modify information, illustrations and/or specifications to explain and/or exemplify a product, service or maintenance improvement. We reserve the right to make any change at any time without notice. Some images may vary depending upon which model is shown.

IMPORTANT SAFETY INSTRUCTIONS



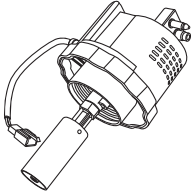

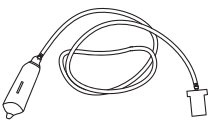

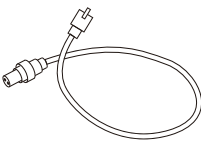

DANGER

Gasoline and its vapors are extremely flammable and explosive under certain conditions, could cause burns, fire, or explosion resulting in death or serious injury and/or property damage.

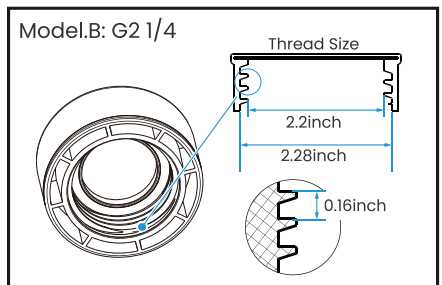
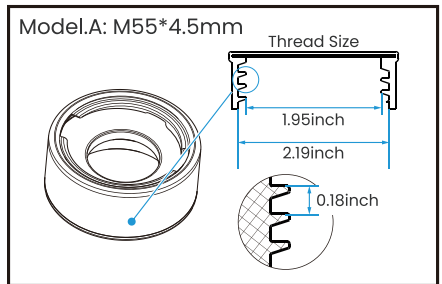
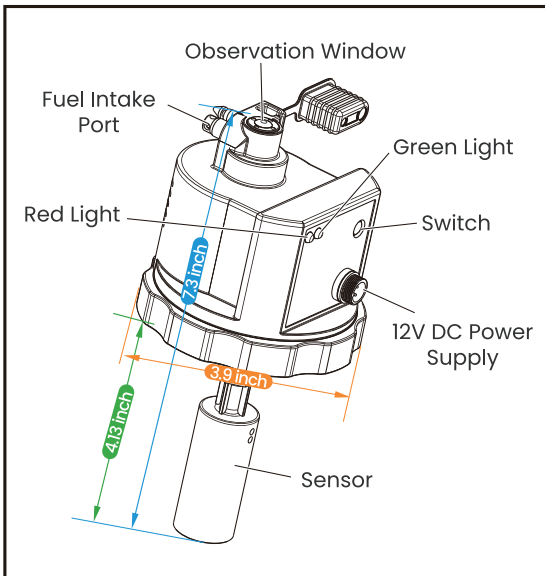
- Fill or drain fuel tank outdoors, in a well-ventilated area.
- DO NOT light a cigarette or smoke when add fuel.
- Check for fuel leaks after refueling. Never operate the generator if a fuel leak is discovered.
- If fuel is spilled on the generator, wipe up any spills immediately. Dispose of rag properly. Allow area of spilled fuel to dry before operating the generator.
- Keep fuel away from sparks, open flames or other form of ignition (such as match, cigarette, pilot lights, static electric source).
- Check fuel lines, tank, cap and fittings frequently for cracks or leaks. Replace if necessary.

PACKAGE CONTENTS

Your electric fuel pump comes with the items listed below.

| | | |
|---|---|--|
|  |  |  |
| Electric Fuel Pump | 12V DC Power Plug (Clip) | 12V DC Power Plug |
|  |  |  |
| Fuel Hose | 12V DC Power Cable | Fuel Tank Adaptor |

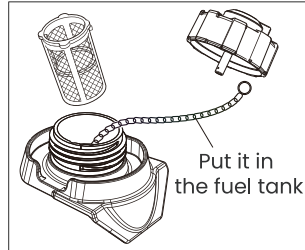
STRUCTURAL SCHEMATIC



FUEL PUMP USE STEPS

Applicable generator fuel tank capacity: 2.5L-40L(0.66GAL-10.56GAL)

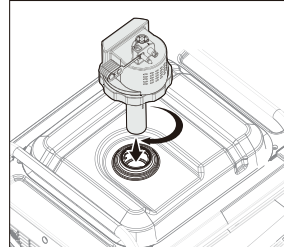
1. Remove the fuel tank cap of the generator and remove the filter. (If there is a chain on the generator fuel tank cover, the chain also needs to be removed)



2. Tighten the fuel pump to the fuel tank port of the generator.
Select the installation method according to the specifications of the generator fuel tank port

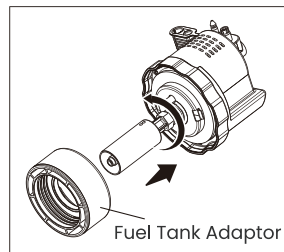
(1) Snap-on Type Fuel Tank Port

Place the fuel pump into the fuel tank and rotate it clockwise until it clicks.



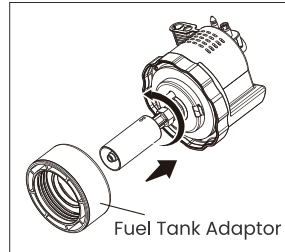
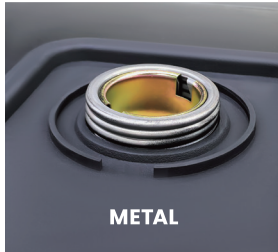
(2) Plastic Thread Fuel Tank Port

Select the Fuel Tank Adaptor (Model.A: M55*4.5mm) that is suitable for the size of the fuel tank port and install it onto the fuel pump, tighten it clock wise, and then install it onto the generator fuel tank.



(3) Metal Thread Type Fuel Tank Port

Select the Fuel Tank Adaptor (Model: B: G2 1/4) that is suitable for the size of the fuel tank port and install it onto the fuel pump, tighten it clockwise, and then install it onto the generator fuel tank.

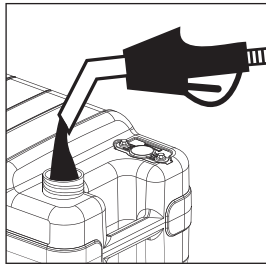


3. Connect the 12V DC power cable to the 12V DC power plug, and then connect to the fuel pump.

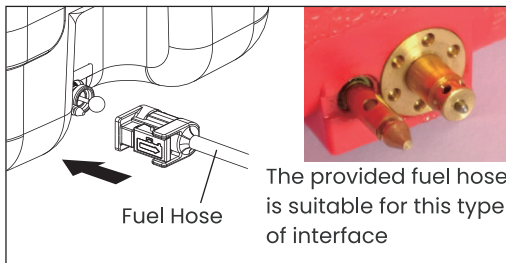
4. Connect one end of the fuel hose to the fuel pump and the other end to the external fuel tank.

NOTE: The extended fuel tank needs to be purchased separately.

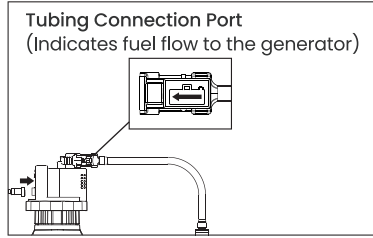
(1) Open the fuel tank cap on the fuel tank and fill with gasoline.



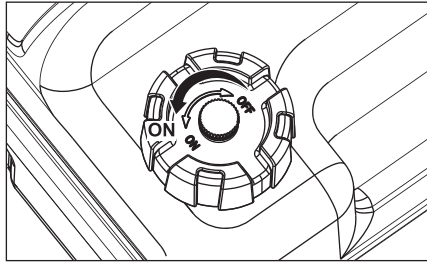
(2) Connect the fuel hose to the external fuel tank.



(3) Connect the fuel hose to the fuel pump.

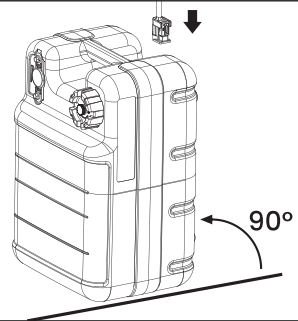


(4) Turn the tank cap ventilation knob to the "ON" position before using the generator.

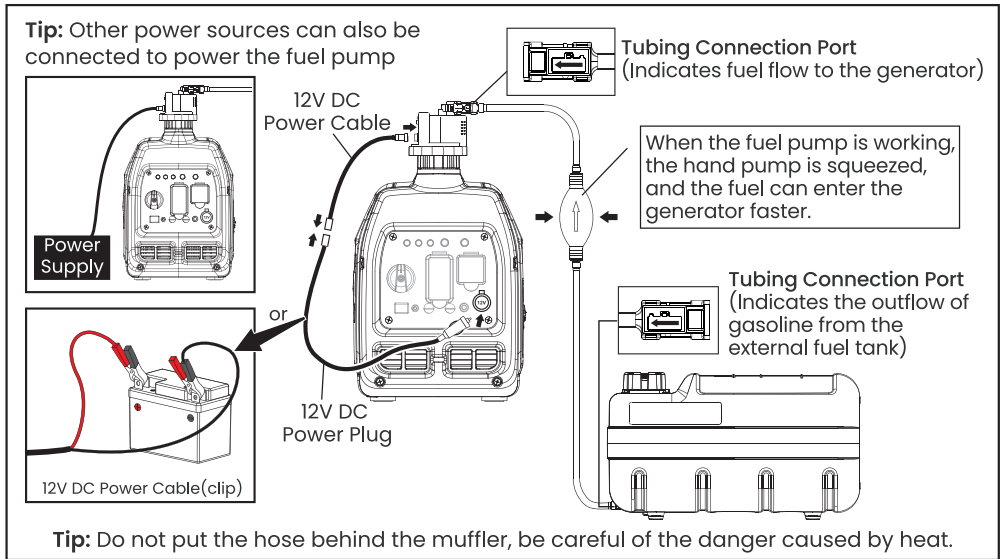


NOTICE

If the tank is filled with gasoline, rotate the tank 90° before connecting the hose.



5. Start the generator, then chose power method for the fuel pump.
 - (1) Generator 12V DC socket: Insert the 12V DC power plug into the 12V DC socket of the generator after the generator running smoothly.
 - (2) Other 12V power supply: Insert the 12V DC power plug(Clip) into the other 12V power supply. (If your generator has not the 12V DC socket)
6. Press the switch on the fuel pump panel, the green light will be on, and the fuel pump will start to work after 5 seconds, and enter the state of automatic cycle refueling.

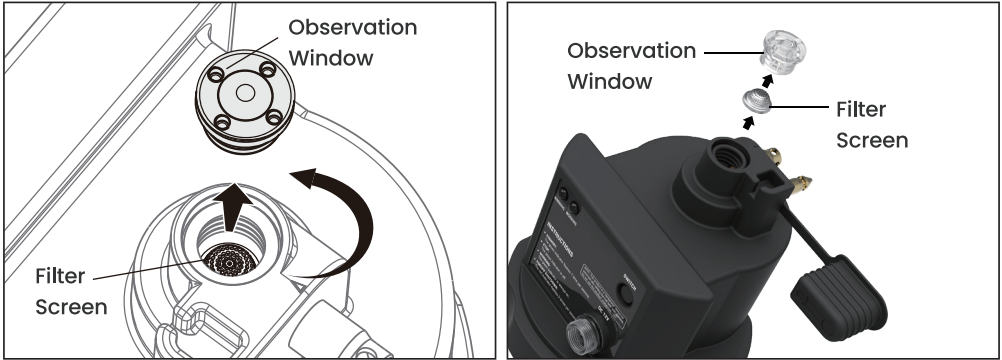


NOTICE

Before assembling the Electronic Fuel Pump to the tank, make sure that the depth of the Fuel tank should be greater than 4.13inch.

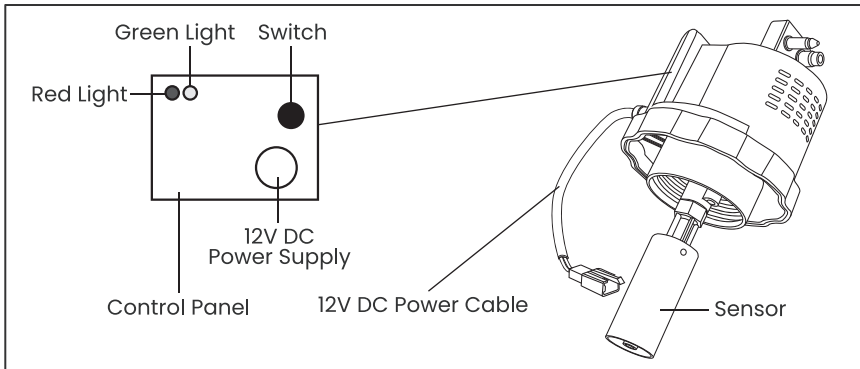
OBSERVATION WINDOW

Observe the working status of the fuel pump. If impurities enter the fuel pump, unscrew the observation window to remove the impurities.

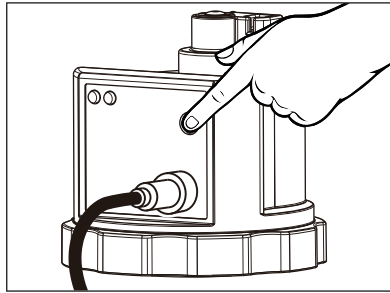


INDICATOR LIGHT

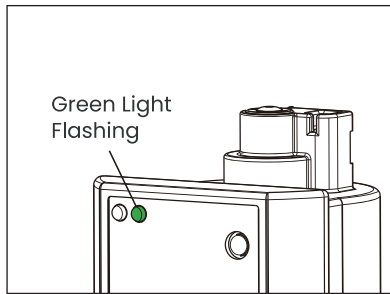
- Standby State: The green indicator light flashes every 2 seconds.
- Working State: The green indicator light is always on.
- Forced shutdown: The red indicator light flashes 2 times per second.



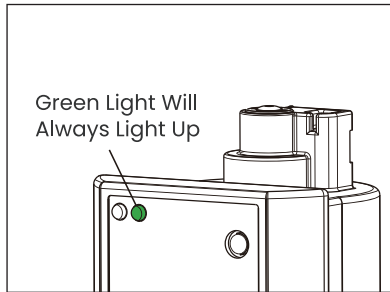
1. Press the fuel pump switch button and the fuel pump will start working after 5 seconds. Before the fuel pump starts working, the sensor in the fuel pump monitors the fuel level.



2. When the fuel level is high, the fuel pump will not work, at this time, the fuel pump is in standby mode and the green indicator light is flashing.



3. When the fuel level is low, the fuel pump will start to work, and the green light will be stays on.



4. After the generator fuel tank is filled with fuel, the fuel level is high, and the fuel pump will stop, the fuel pump will enter in standby state.

NOTICE

* If the fuel pump does not reach the high oil level after running for the set working time, it will be forced to stop and enter in the protection state. At this time, it is necessary to check whether there is no gasoline in the fuel tank or the fuel pipe is blocked, or the fuel pump does not work.

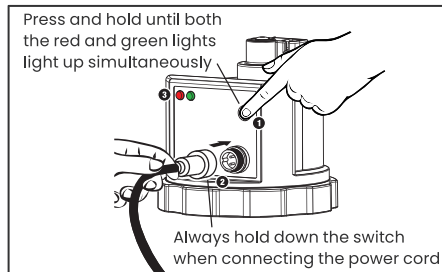
* After the forced shutdown, you need to disconnect the power or press the fuel pump switch button to restart.

Set the Working Time

The Default Working Time of the Fuel Pump: 40 minutes

You can reset the working time of the electronic fuel pump according to the size of your generator's fuel tank.

1. Enter settings mode: Press and hold the switch button, then connect the power cord. (Do not release the switch button) After about five seconds, both the green and red lights will light up, and the fuel pump has entered the setting mode.



2. Set working hours: Each press of the switch indicates a different time. One Cycle:

10 minutes ➡ 20 minutes ➡ 30 minutes ➡ 40 minutes.

Indicator Light Prompt:

| | |
|------------|---|
| 10 minutes | Green light stays on for a long time |
| 20 minutes | Red light stays on for a long time |
| 30 minutes | Green light flashing (4 times per second) |
| 40 minutes | Red light flashing (4 times per second) |

3. After determining the time, wait for five seconds for the fuel pump to automatically save the selected time and exit the setting.

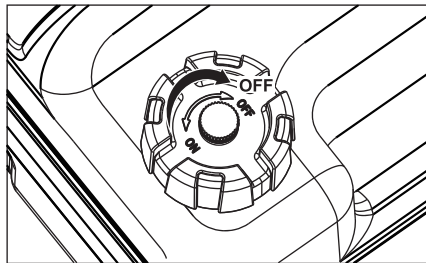
Query the Set Working Time

Connect the power to the fuel pump, press and hold the switch button for 3 seconds, and then enter the query mode. After the indicator light prompts, automatically exit the query mode.

| | |
|------------|--|
| 10 minutes | Flashing green and red lights simultaneously 1 times |
| 20 minutes | Flashing green and red lights simultaneously 2 times |
| 30 minutes | Flashing green and red lights simultaneously 3 times |
| 40 minutes | Flashing green and red lights simultaneously 4 times |

STORAGE THE FUEL PUMP

1. Please refer to the generator instruction manual and turn off the generator;
2. Remove the power plug of the fuel pump and disconnect the fuel hose to the fuel pump;
3. Remove the fuel pump and replace with the fuel tank cap of the generator;
4. Remove the fuel hose from the external fuel tank and turn the ventilation knob on the fuel tank cap to the "OFF" position.



NOTICE

Fuel pump, gasoline hoses and fuel tanks should be stored in a clean and dry area, away from direct sunlight and away from fire sources.

This product is a "temporary" automatic fuel tank refill device. Do not use this product unguarded. If a fault or abnormal situation occurs, disconnect the power supply immediately.

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