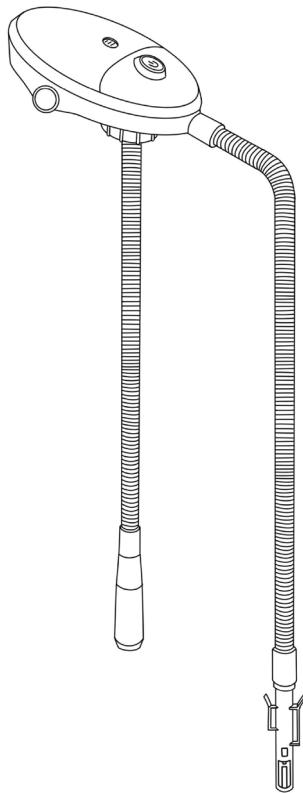


# Automatic Fuel Transfer Pump

## User Manual

Read Carefully Before Use  
Keep for Future Reference



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**oMT**  
Orion Motor Tech

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# Disclaimer

Read this disclaimer completely and carefully before proceeding with the rest of the manual content.

## 1. Product Modifications

Any modifications or alterations to Orion Motor Tech (OMT) products void any warranties and may result in damage or injury. OMT shall not be liable for any damages resulting from such modifications or alterations.

## 2. Compliance with Laws

Customers shall be liable for ensuring that the use of OMT products complies with all applicable laws and regulations in their respective jurisdictions. OMT shall not be responsible for any violations of laws or regulations resulting from the use of OMT products.

## 3. Correct Use

Always use OMT products only as directed in the accompanying manuals. Failure to follow instructions may result in injury or damage.

Always ensure the assembly, installation, operation, maintenance, or repair of OMT products is carried out by a competent person.

Regular maintenance should be performed throughout the lifecycle of OMT products. You are responsible for ensuring the products operate as intended.

Always wear appropriate protective gear.

## 4. Third-Party Products

OMT shall not be liable for any damages or losses resulting from the use of third-party products in conjunction with OMT products. Customers shall refer to the third-party's guidelines and/or warranties (if any) for any third-party products used.

## 5. Limitation of Liability

OMT shall not be liable for any direct, indirect, punitive, incidental, special, or consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of OMT products. In no event shall OMT's liability exceed the value of the products sold.

## 6. Warranty

Refer to the sales page for warranty information.

This disclaimer states the entire obligation of OMT with respect to OMT products. If any part of this disclaimer is determined to be void, invalid, unenforceable, or illegal, including but not limited to the warranty disclaimers, liability disclaimers, and liability limitations set forth above, the invalid or unenforceable provision will be deemed superseded by a valid and enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.

@OrionMotorTech



# Safety Information

## Danger

- The following instructions are for general guidance only. **ALWAYS** perform repairs in full compliance with your vehicle's service manual. After completing any repair, test your vehicle at a low speed in your workshop before resuming regular use. Failure to do so may result in serious personal injury or property damage.
- **DO NOT** allow use by children, individuals with physical or mental conditions that could impair safe operation, or anyone unfamiliar with this product and its compatible air conditioning, fuel, and transmission systems.
- **ALWAYS** use personal protective equipment (PPE) suitable for your task. While using this product, always wear ANSI-approved eye and hand protection. Nonslip footwear is highly recommended. Other equipment, such as ear, head, and body protection, may also be necessary depending on your work.
- **ALWAYS** read and understand your vehicle's specific safety warnings and instructions before using this kit. Use only the correct fluids, pressures, adapters, and other necessary components for your vehicle. Ensure the parking brake is engaged before beginning any work. Use a jack and jack stands rated to support the full weight of your vehicle. Never touch any heated surface with exposed skin.
- Keep this product in good working condition. Check for misalignment, binding, wear, or other damage before each use. If any damage is found, repair or replace the affected components before further use. If this product is used in a commercial or workshop setting, clearly label any damaged parts with "**DO NOT USE**" and ensure they are repaired or replaced before being used again. **ONLY** use identical parts for any replacement.
- Be alert to potential explosion hazards when pumping gasoline or other flammable liquids. **AVOID** sparks and use only in well-ventilated areas.
- **DO NOT** use near open flames or heat sources.
- **DO NOT** use the product on carpets, wooden floors, or other flammable surfaces.

## Warning

- **DO NOT** use this product if you are tired or under the influence of drugs, alcohol, or strong medication.
- Keep the work area clean and well-lit. Cluttered or dark areas can increase the risk of accidents.
- Dress appropriately for automotive servicing. **DO NOT** wear loose clothing or jewelry. Keep hair, clothing, gloves, hoses, and tools away from moving parts during use.
- In case of an accident or injury, keep a first aid kit and a communication device (e.g., a phone) readily available. Be familiar with the location of nearby emergency medical facilities.
- Automotive servicing involves inherent risks. This manual and your vehicle's service manual cannot cover every possible scenario. **ALWAYS** use sound judgment and caution. Seek proper training if you are unsure how to proceed.
- **DO NOT** leave the pump unattended while operating, as this may result in oversupply, leakage, or fire.
- **DO NOT** disassemble or modify the pump.
- If the pump becomes excessively hot, stop immediately to avoid short circuits or product failure.
- **DO NOT** use deteriorated or aged fuels.
- **DO NOT** use for drinking liquids or with solvents, hot liquids, acetone, benzene, caustic or concentrated acids, etc.
- **DO NOT** block the sensor inlet or pour into a transparent container under direct sunlight; the pump may fail to stop automatically.
- **AVOID** idle operation for long periods without liquid in the pump.

# Specifications

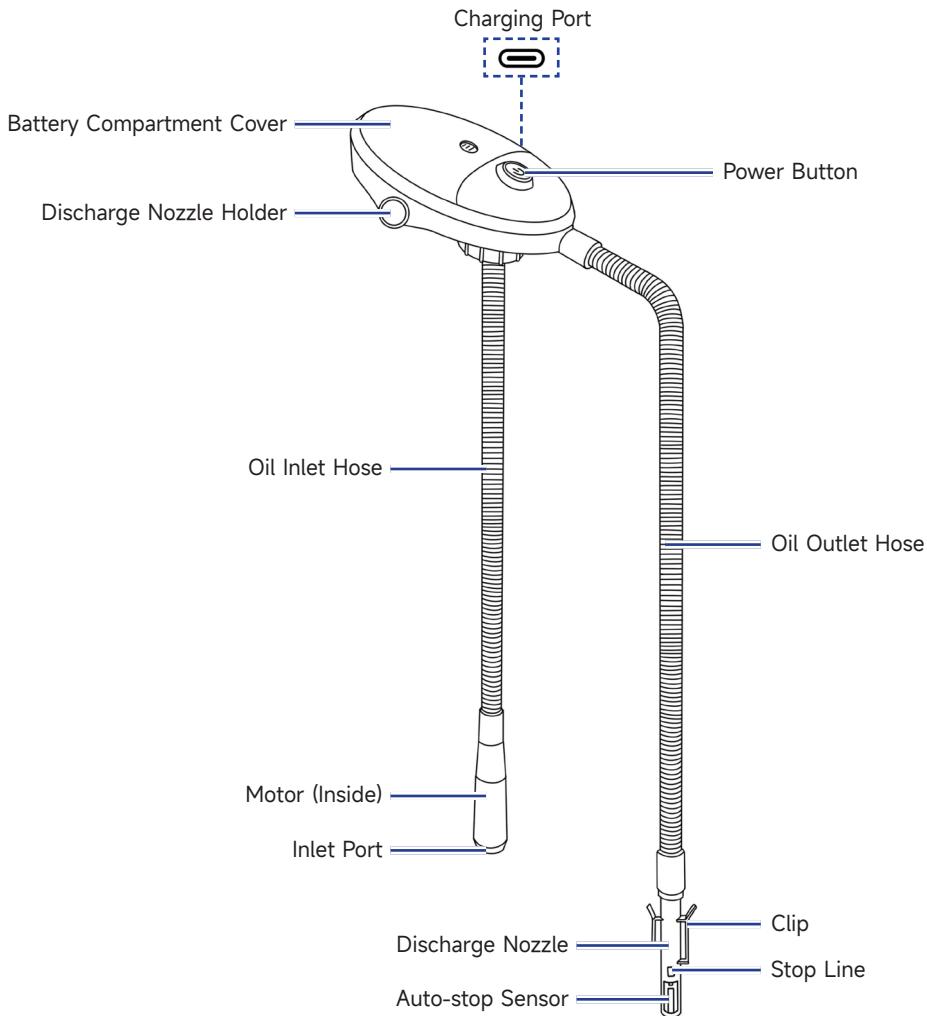
<b>Motor Power</b>	12 W	
<b>Flow Rate</b>	3.2 GPM	12 L/min
<b>Temperature Range</b>	14 °F to 140 °F (-10 °C to 60 °C)	
<b>Outlet Pipe Diameter</b>	0.87 in (22.2 mm)	
<b>Outlet Hose Length</b>	4.3 ft (1.3 m)	
<b>Adapters O.D.</b>	2.05 in (52 mm) 2.13 in (54 mm) 2.79 in (70.9 mm) 3.84 in (97.6 mm)	
<b>Compatible Liquid Types</b>	Gasoline, Diesel, Kerosene, Light Oil	
<b>Net Weight</b>	1.48 lb (0.67 kg)	

# Package List



No.	Item	Qty.
A	Fuel Transfer Pump	1
B	Adapters	4
C	USB Type-C Cable	1
D	Thread Seal Tape	1

# Product Diagram



# Operation

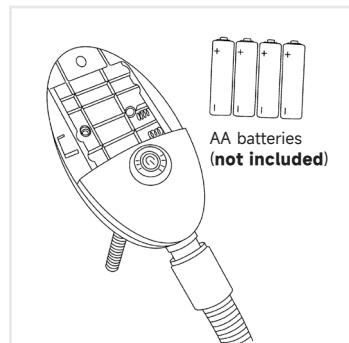
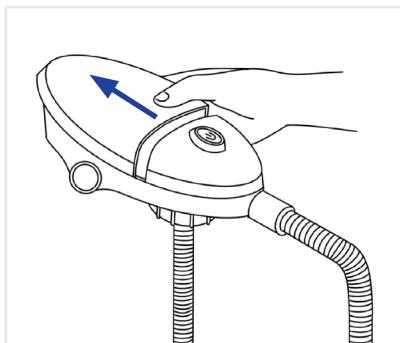
## Warning

- Shut off the engine before servicing. Ensure the vehicle is stationary and the engine has cooled to room temperature before performing any maintenance or adjustments.
- **DO NOT** force the tool. Excessive force may result in serious personal injury or property damage.
- Be extremely careful with possible pinching points, moving parts, or components that may suddenly spring out during use.
- **ENSURE** your work area is stable, clean, and free of clutter or hazards that may cause accidents.
- For your safety, proper training is strongly recommended before using the tool. Lack of training can lead to serious injury.
- Ensure all connections are secure before use to prevent leaks.

1. Insert the USB Type-C cable (C) into the pump and connect it to a power source.



Or open the battery cap and install four AA batteries (not included).

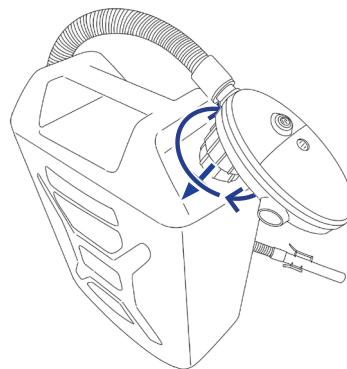


## Caution

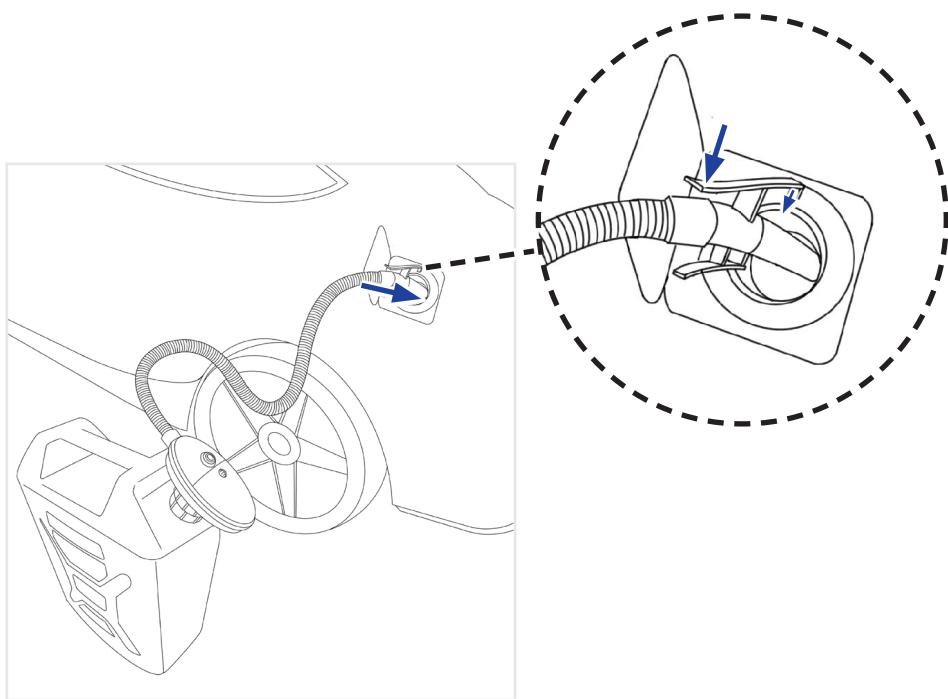
Use a DC 5 V power source with a current output of at least 2 A.

It is not recommended using a DC power supply and batteries simultaneously.

2. Install a suitable adapter (B) at the fuel can opening.
3. Insert the oil inlet hose into the fuel can and tighten the pump securely.



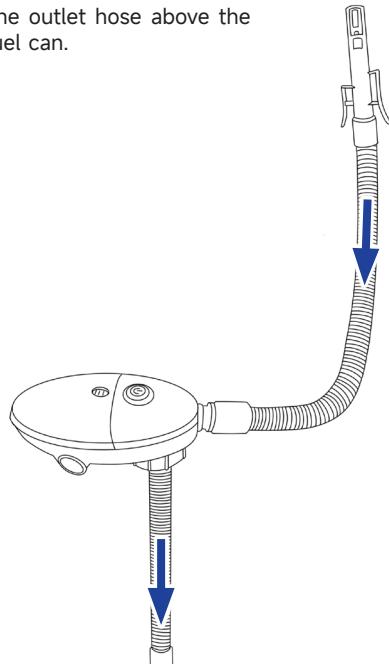
4. Place the discharge nozzle into the oil tank and secure it with the clip. Keep the nozzle upright and avoid bending the hose on the container's edge.



5. Press the power button to start the pump. It will automatically stop when the fuel reaches the stop line.

To stop pumping earlier, press the power button.

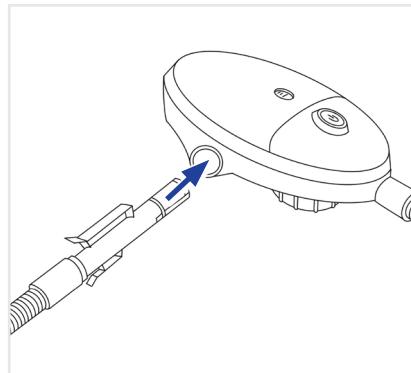
6. After the automatic stop, disconnect the power. Lift the outlet hose above the fuel tank and let any excess liquid flow back into the fuel can.



7. Insert the discharge nozzle into its holder and secure it with the clip.

**Caution**

**ALWAYS** store the outlet hose properly after use. Leakage may occur if the fuel tank tips over or if the discharge hose is not placed in its holder.



# Maintenance

- Remove any remaining liquid from the pump and hose before storage. Clean the tools with a soft, damp cloth.
- Check the tool periodically for any wear or damage. Repair or replace any faulty parts before further use.
- Remove the battery if the pump will not be used for a long time to prevent discharge.
- **DO NOT** store the pump in a sealed airtight container.
- **DO NOT** place the pump in a car with the windows closed, in direct sunlight, or near heating equipment. Keep it in a cool, dry place out of reach of children.



# We care about your experience!

We truly hope our product brings you joy and convenience.

If you have any questions or need assistance, please don't hesitate to reach out.

We're always happy to help!

Simply fill out the form below, take a photo of it (along with any relevant photos or videos if needed), and email it to us. Our service team will respond within 24 hours.

## Platform

Amazon  eBay  Walmart  Wayfair  Other: \_\_\_\_\_ (please specify)

## Order Information

Order No.: \_\_\_\_\_

Product: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Your Name: \_\_\_\_\_

Email: \_\_\_\_\_

## Subject of Inquiry

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Your satisfaction means everything to us :)

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