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TaskStar TP13UP

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INSTRUCTION MANUAL

Important Safety Information

- This transfer pump should **not** be used for pumping water or high-flammability fuels such as gasoline, liquefied petroleum gas, or alcohol.
- After pumping, please turn off the pump power before closing the fuel nozzle.
- Single use duration should **not** exceed 30 minutes to prevent overheating.
- Ensure all connections are tight to prevent leaks and maintain pressure.
- Always connect the pump directly to a 12V vehicle battery, ensuring correct polarity (positive to positive, negative to negative).

What's in the Box

- 1 x Diesel Transfer Pump
- 1 x Fuel Nozzle
- 1 x 4 FT Inlet Hose
- 1 x 6.6 FT Outlet Hose
- 1 x 9.8 FT Battery Clip
- 1 x User Manual
- 1 x Filter
- 4 x Metal Hose Clamps
- 3 x Metal Connectors



What You Will Get

- | | |
|------------------------------|-----------------------------|
| 1x Fuel Transfer Pump | 1x 6.5ft Outlet Hose |
| 1x 9.8ft Battery Clip | 6x Hose Clamps |
| 1x 3.9ft Inlet Hose | 1x Filter |
| 1x Fuel Nozzle | 1x User Manual |

Image: All components included in the TaskStar TP13UP Diesel Transfer Pump Kit.

Product Overview

The TaskStar TP13UP Electric Diesel Transfer Pump Kit is designed for efficient and safe transfer of diesel, kerosene, machine oil, and transformer oil. Its robust 12V motor ensures consistent performance across various temperatures.



Image: Demonstrates the pump's fast transfer rate, capable of emptying a 55-gallon drum in under 7 minutes. With a flow rate of up to 13 gallons per minute (GPM), this pump significantly improves work efficiency. It can draw fuel from up to 9.8 feet away and pump it to a height of 26.2 feet, making it suitable for remote or high-position fueling tasks.



Image: Illustrates the pump's powerful suction and lift capabilities for various fueling scenarios. The pump is portable and space-saving, featuring an easy-to-install base with pre-drilled holes for secure mounting. It includes an adjustable fuel nozzle for controlled flow and a mesh filter to prevent large particles from entering the pump, ensuring clean fuel flow.



Image: Shows compatibility with diesel, kerosene, machine oil, and transformer oil, while explicitly stating it is not for gasoline or water.

Assembly and Setup

1. **Connect Hoses:** Attach the inlet (4 FT) and outlet (6.6 FT) hoses to the pump's designated 'IN' and 'OUT' ports using the provided metal hose clamps. Ensure clamps are tightened securely to prevent leaks.
2. **Install Filter:** Connect the mesh filter to the end of the inlet hose. Secure it with a metal hose clamp.
3. **Attach Fuel Nozzle:** Connect the adjustable fuel nozzle to the end of the outlet hose. Secure it with a metal hose clamp.
4. **Mount Pump (Optional):** Use the pre-drilled holes on the pump's base to securely mount it if desired.
5. **Connect Power:** Attach the 9.8 FT battery clips to a 12V vehicle battery, ensuring correct polarity (red clip to positive terminal, black clip to negative terminal).



Image: Visual guide showing the three main steps for connecting the hoses, filter, nozzle, and power supply to the pump.

Your browser does not support the video tag.

Video: A detailed guide on how to install the fuel transfer pump, demonstrating each connection step.

Operating Instructions

1. **Position Hoses:** Place the inlet hose with the filter into the fuel source (e.g., diesel drum). Insert the fuel nozzle into the receiving tank (e.g., tractor fuel tank).
2. **Initiate Pumping:** Ensure all connections are secure. Flip the power switch on the pump to the 'ON' position.
3. **Control Flow:** Use the adjustable fuel nozzle to control the flow rate. The nozzle can be locked for continuous pumping.
4. **Monitor Transfer:** Observe the fuel transfer. The transparent hoses allow for visual confirmation of fuel flow.
5. **Stop Pumping:** Once the desired amount of fuel is transferred or the receiving tank is full, turn off the pump's power switch before removing the fuel nozzle.



Image: The pump being used to refuel agricultural equipment from a diesel drum.

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Video: Demonstrates the ease and speed of pumping fuel into a tractor using the TaskStar pump.



Image: The pump in action, refueling a truck from a portable fuel container.

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Video: Highlights the versatility of the TaskStar pump for tractors, trucks, and boats.

Maintenance

- **Filter Cleaning:** Regularly inspect and clean the mesh filter to ensure optimal fuel flow and prevent pump damage.
- **Hose Inspection:** Check hoses for any signs of wear, cracks, or damage before each use. Replace damaged hoses immediately.
- **Proper Storage:** After use, disconnect the pump and hoses. Drain any remaining fuel. Store the pump in a dry, clean place away from direct sunlight and extreme temperatures.

Troubleshooting

- **Pump Not Starting:** Check battery connections for secure contact and correct polarity. Ensure the battery has sufficient charge.
- **Slow or No Flow:** Inspect the mesh filter for clogs and clean if necessary. Check hoses for kinks or blockages. Ensure the inlet hose is fully submerged in the fuel source.
- **Leaks:** Verify all hose clamps are tightened securely. Inspect hoses and connections for any damage.
- **Overheating:** If the pump feels excessively hot, turn it off immediately and allow it to cool. Ensure continuous operation does not exceed 30 minutes.

Product Specifications

Specification	Value
Brand	TaskStar
Model	TP13UP
Flow Rate	13 GPM (Gallons Per Minute)
Power Source	12V DC Vehicle Battery
Max Suction Length	9.8 FT
Max Lift Height	26.2 FT
Compatible Fluids	Diesel, Kerosene, Machine Oil, Transformer Oil
Inlet Connection Size	1 Inch
Outlet Connection Size	0.9 Inches
Duty Cycle	30 minutes (max single use)
Item Weight	4 Pounds
Material	Aluminum, Copper, Metal, Plastic

Warranty and Customer Support

For any questions, concerns, or warranty inquiries regarding your TaskStar TP13UP Diesel Transfer Pump Kit, please refer to the contact information provided in your product packaging or visit the official TaskStar website for customer support.