



INSTRUCTIONS FOR:

DIESEL/FLUID TRANSFER PUMP 12V and 24V

MODEL NOs: **TP96.V3, TP9624.V3**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and maintained properly, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to Instruction Manual



Wear Eye Protection



Wear Protective Gloves

1. SAFETY

- ✓ Maintain the pump in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.*
- ✓ Keep the pump clean for best and safest performance.
- ✓ Ensure the power supply (vehicle battery) corresponds with the requirements of the pump. TP96.V3 12Volt, TP9624.V3 24Volt DC power supply.
- ✓ Ensure that there is more liquid in the delivery tank than will be needed.
- ✓ Ensure that the capacity of the receiving tank is sufficient to hold the dispensed fuel.
- ✓ Wear safety goggles and gloves, and protective clothing when working around fuel. A full range of personal safety equipment is available from your local Sealey dealer.
- ✓ Keep area clean and tidy and free from unrelated materials, and ensure there is adequate lighting.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ✗ **DO NOT** run the pump dry. This will damage the pump's internal components and will invalidate your warranty.
- ✗ **DO NOT** operate the pump continuously for more than 30 minutes. The duty cycle of the unit is 30 minutes, after which the motor must be left to cool down for 30 minutes.
- ✗ **DO NOT** run the unit for more than 2-3 minutes with the delivery nozzle closed.
- ✗ **DO NOT** start or stop the pump by connecting or disconnecting the battery clamps.
- ✗ **DO NOT** operate the pump with wet hands.
- ✗ **DO NOT** use the pump where explosive or flammable vapours may be present.
- ✗ **DO NOT** tamper with the pump connections.
- WARNING! DO NOT** use the unit to pump the following fluids: ***Petrol, flammable liquids with flash point <38°C, water, foodstuffs, corrosive chemicals and solvents.***

2. INTRODUCTION

Electric transfer pump kit with battery clips, available in 12 or 24V versions. Suitable for filling diesel vehicles in the field. Self-priming unit delivers up to 46ltr per minute of fluid. Supplied with 4mtr of hose and Model No.TP108 Manual Delivery Nozzle. Includes on/off switch, carry handle, mounting plate and suction hose filter

3. SPECIFICATION

Model No:	TP96	TP9624
Voltage:	12V	24V
Speed:	2600rpm	2600rpm
Current:	18A	11A
Power:	190W	220W
Duty Cycle:	30min on/30min off	30min on/30min off
Flow Rate:	46ltr/min.	46ltr/min

4. ASSEMBLY

- 4.1. Mount the baseplate (fig.1.1) in a convenient position using suitable fixings (not supplied).
- 4.2. Fasten the pump assembly to the baseplate using the two hex. bolts supplied (fig.1.2)
- 4.3. Cut the hose (fig.1.3) to the required lengths for the suction and delivery functions.
- 4.4. Screw a tailpiece (fig.1.4) into the inlet port (marked 'IN'), using PTFE tape around the thread, and secure the suction hose with a hose clip (fig.1.5).
- 4.5. Secure the inlet strainer to the other end of the suction hose with a hose clip (fig.1.6).
- 4.6. Screw another tailpiece into the delivery port (marked 'OUT') again using PTFE tape on the thread, and secure the delivery hose with a hose clip.
- 4.7. Secure the remaining tailpiece into the outer end of the delivery hose with a hose clip.
- 4.8. Attach the delivery nozzle (fig.1.7) to the tailpiece, using PTFE tape as before.

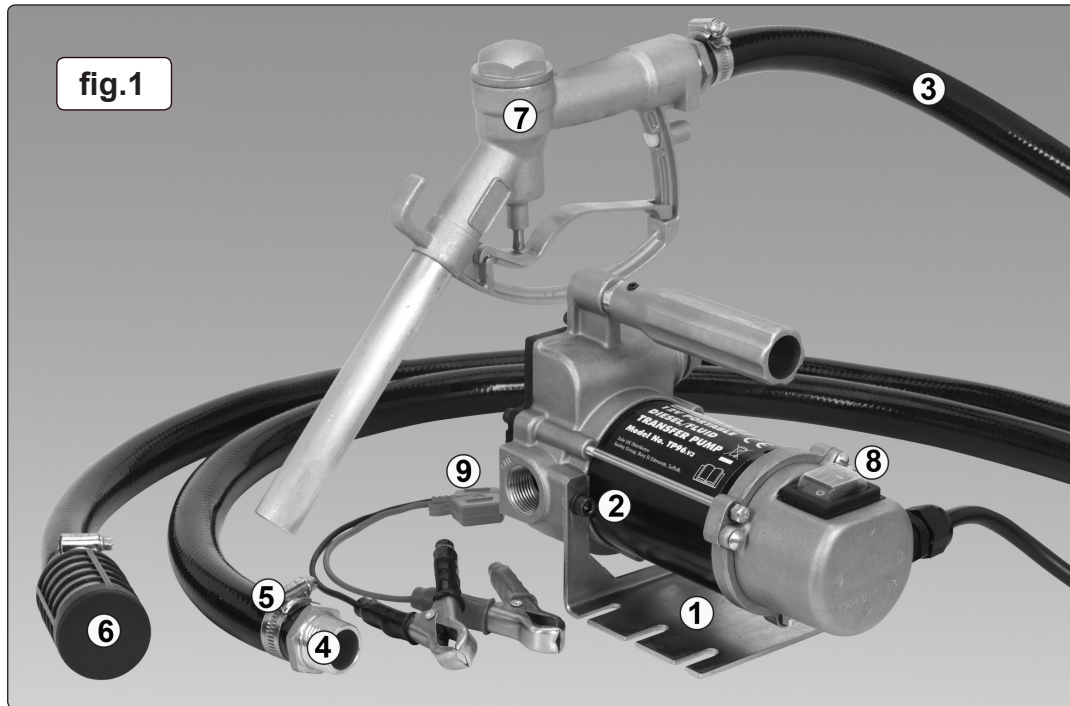


fig.1

5. OPERATION

NOTE: The suction head (the distance from the pump to lowest liquid level) should not exceed 1 metre, and the delivery tank should be vented. Install the inlet hose so as the strainer is not less than 25mm from the bottom of the delivery tank.

- 5.1. Ensure that the switch (fig.1.8) is in the off ('O') position.
- 5.2. After checking that the battery is of the correct voltage, connect the red clip to the positive (+) battery terminal and the black clip to the negative (-) terminal.
- 5.3. Start the pump by switching to the on (I) position. Place the delivery nozzle in the receiving tank and squeeze the trigger to start delivery.
- 5.4. Release the trigger to stop delivery. **DO NOT** run the pump for more than 2-3 minutes with the nozzle closed.
- 5.5. The motor is fitted with a thermal cut-out to prevent overheating. If the unit stops working after an intensive period of use, allow to cool down thoroughly before re-starting.

6. MAINTENANCE

- 6.1. An in-line fuse is fitted in the positive cable (fig1.9). To change the fuse: open the fuse holder, remove the blade-type fuse and replace with one of the same rating.
- 6.2. Check the tightness of all fittings regularly and tighten if necessary.
- 6.3. Keep the pump unit and hoses clean to highlight any leaks which may develop in service.
- 6.4. Remove and clean the inlet strainer regularly.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
The motor is not running.	Lack of electrical power.	Check the electrical connections.
	Blown fuse	Replace fuse
	Rotor jammed.	Check for possible damage or obstruction of the rotating components.
	Motor problems.	Contact your authorised Sealey dealer.
The motor turns slowly when starting.	Power supply is of insufficient voltage.	Charge the battery
Low or no flow rate.	Low level in source tank.	Refill the tank.
	Inlet stainer clogged.	Clean strainer.
	High inlet vacuum	Check tank venting
	Air entering the pump or suction tube.	Check seals and connections.
	Low rotation speed.	Check the voltage at the pump.
	The suction tubing is resting at the bottom of the tank.	Raise the tubing.
Increased pump noise.	Cavitation occurring.	Reduce suction head.
	Irregular functioning of the bypass.	Dispense fuel until the air is purged from the bypass system.
	Air present in the diesel fuel.	Check the suction connections.
Leakage from the body pump.	Seal damaged.	Contact your authorised Sealey dealer.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.

Environmental Protection



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

NOTE: It is our policy to improve products continually and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.



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