



INSTRUCTIONS FOR DIESEL TRANSFER PUMP

MODEL NO'S: TP97, TP97230

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, 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.

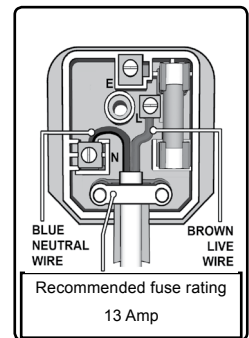


Refer to
Instruction
Manual

1. SAFETY

1.1. Electrical Safety

- WARNING!** It is the user's responsibility to check the following:
- 1.1.1. Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey dealer.
- 1.1.2. If the pump is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.
- 1.1.3. Electrical safety information, it is important that the following information is read and understood.
- 1.1.4. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- 1.1.6. **Important:** Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.
 - × **DO NOT** pull or carry the appliance by the power cable.
 - × **DO NOT** pull the plug from the socket by the cable. Remove the plug from the socket by maintaining a firm grip on the plug.
 - × **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.
- 1.1.7. This product is fitted with a BS1363/A 13 Amp 3 pin plug.
- 1.1.8. If the cable or plug is damaged during use, switch the electricity supply and remove from use.
- 1.1.9. Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.
- 1.1.10. Class II products are wired with live (brown) and neutral (blue) only are marked with the  Class II symbol;
 - A) Connect the BROWN live wire to the live terminal 'L'.
 - B) Connect the BLUE neutral wire to the neutral terminal 'N'.
 - C) After wiring, check that there are no bare wires and ensure that all wires have been correctly connected.
- 1.1.11. Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight. **DO NOT** connect either wire to the earth terminal. Sealey recommend that repairs are carried out by a qualified electrician.



1.2. General Safety

- WARNING!** Ensure health & safety, government and local authority regulations relating to the transfer of diesel are adhered to when using this equipment. Familiarise yourself with the pumps applications and limitations, and specific potential hazards peculiar to the pump.
- ▲ **DANGER: The electric pump is not protected against explosion and should therefore not be operated in areas where there is a risk of explosion and should only be used to deliver diesel, heating oil and other thin oils.**
- WARNING!** Disconnect the pump from the mains power before demounting, servicing or performing any maintenance.
- ✓ **Use the pump only to deliver diesel and heating oil at a temperature between -10°C and +35°C. The temperature limits must not be exceeded.**
- ▲ **DANGER: DO NOT** use for pumping petrol.
- ✓ The pump should only be mounted vertically.
- ✓ Maintain pump in good condition (use authorised service agent). Drain pump and pipes before dismantling.
- ✓ Maintain correct balance and footing when installing and using the pump. Ensure the floor is not slippery and wear non slip shoes.
- ✓ Ensure the transfer area is free of clutter and has adequate lighting.
- ✓ Ensure that the voltage of the pump matches the voltage of the supply.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Replace/repair damaged parts. Use genuine parts. Unauthorised parts are dangerous and will invalidate warranty.
- × **DO NOT** smoke whilst handling the pump and fuel.
- × **DO NOT** operate the pump in areas where there may be flying sparks.
- × **DO NOT** use the pump without the delivery nozzle attached.

4.1. ASSEMBLY. (Refer to fig.1)

- 4.1.1. Push the suction hose (6) onto the suction pipe (8) by at least 20mm. Secure the joint with hose clamp (7).
- 4.1.2. Cut the suction hose to length bearing in mind that the pump may be mounted to more than one container and that the filter must be always be under the surface of the fuel even when the fuel level is low.
- 4.1.3. Slide the second hose clamp (5) over the end of the suction hose. Push the suction hose over the suction union on the pump (4). Slide the hose clamp up onto the joint and tighten it.
- 4.1.4. Assemble the pump to the fuel container. Firstly feed the suction hose into the container until the pump is seated in the aperture then rotate the pump so that it screws firmly down onto the container. The dual thread arrangement on the connector will automatically pick up on either a coarse or fine thread.
- 4.1.5. Once mounted the head of the pump can be rotated into any position to bring the delivery union into the ideal orientation for connection of the delivery hose.
- 4.1.6. A rubber washer is attached to the end of the hose that is contained within a spring. Remove the washer and place it inside the nylon union nut. Screw the union nut onto the delivery outlet (14) of the pump and tighten.
- 4.1.7. Screw the standard nozzle assembly (9) onto the male hose connector (11) on the free end of the delivery hose.
- 4.1.8. Connect the pump to a suitable power source depending on which model you have. Ensure that the voltage of your pump matches the voltage of your power source. 230V models will have a mains plug attached. The power cables for 12 & 24V models are terminated with battery clips (see fig.1 - 17).
- 4.1.9. **INSTALLATION SITE. It is the responsibility of the owner of the equipment to ensure that the siting of the fuel container and the installation and operation of the pump is carried out in such a way as to prevent any leakages that could contaminate drinking water for people or animals or water courses. The owner should liaise with local authorities, health and safety and water authorities to ensure that the installation is safe.**

5. OPERATION

5.1. Priming

- WARNING! NEVER** run the pump in an unprimed condition as this will damage the pump and invalidate your warranty.
- 5.1.1. Before the pump can be used for the first time it must be primed with fuel using the procedure outlined below.
- 5.1.2. Place the nozzle into an appropriate collecting container and press and hold the trigger.
- 5.1.3. Operate the manual priming lever until fuel emerges from the nozzle. Release the trigger.
- 5.1.4. The pump is now ready to be switched on.
- 5.1.5. **If the pump is moved from one container to another it must be re primed before it can be used again.**

5.2. Normal operation

- 5.2.1. Switch on the pump and remove the filler cap from the container or vehicle tank that is to be filled.
 - 5.2.2. Place the nozzle into the tank opening.
 - 5.2.3. Press and hold the trigger until the desired amount of fuel has been dispensed.
 - 5.2.4. Release the trigger, remove the nozzle from the tank and replace the filler cap.
 - 5.2.5. Ensure that the delivery nozzle and hose are safely stowed adjacent to the pump ready for the next delivery.
- ▲ **DANGER!** Clean up any spillage in accordance with regulations governing the handling of diesel fuels.
 - WARNING! DO NOT** operate the pump unsupervised.
 - WARNING! DO NOT** allow the pump to run dry. At the end of each delivery the suction filter should always be below the level of the fuel.
 - WARNING! DO NOT** let the pump deliver for more than 5 minutes against a closed nozzle in order to avoid exceeding the permitted operating temperature.
 - WARNING!** Regularly check the delivery hose and connections for damage in order to avoid leakage of fuel.

5.3. Emergency operation

- 5.3.1. In the event of a power failure it is possible to manually pump very small quantities of fuel using the procedure outlined below.
- 5.3.2. Place the nozzle into the container or vehicle tank and press and hold the trigger.
- 5.3.3. Operate the manual priming lever to deliver the fuel.
- 5.3.4. When the delivery is complete release the trigger and remove the nozzle.
- 5.3.5. Safely stow the delivery tube and nozzle and replace the filler cap on the container or vehicle tank.

5.4. Demounting and remounting the pump

- 5.4.1. When demounting the pump in order to place it onto another container or for storage observe the following procedure.
- 5.4.2. Take suitable precautions to clear up minor spills of fuel that may occur when demounting the pump.
- 5.4.3. Switch the pump off and disconnect it from the battery or unplug it from the mains power supply.
- 5.4.4. Before the pump can be unscrewed from the fuel container the delivery hose must be disconnected.
- 5.4.5. To empty the fuel remaining in the delivery hose firstly place the nozzle into a collection container and hold the trigger open.
- 5.4.6. Keeping the trigger open begin to loosen the union where the hose is connected to the pump. As the union becomes loose and air enters the pipe the excess fuel should flow into the container. Keep the disconnected end of the hose at a high level and the container at a low level so that all the fuel is emptied from the hose.
- 5.4.7. Unscrew the pump from the threaded connector on the fuel container and slowly remove the pump with the suction hose and filter attached allowing the fuel to run out completely.
- 5.4.8. If the pump is then mounted to another fuel storage container it must be primed first before switching on.
- 5.4.9. If the pump is to be stored even for a short period of time the pump and its hoses should be laid into a clean oil tray in order for all excess fuel to drain out. The pump and hoses should be cleaned and stored in a well ventilated store suitable for product that handles fuel.

6. MAINTENANCE

- 6.1. The pump has been designed for low maintenance. Should any problems occur return the unit to your local Sealey dealer.
- 6.2. Clean the entire installation and inspect all piping connections for leaks. Rectify any damage immediately.
- 6.3. Inspect the filter at the end of the suction tube every time the tank is refilled.

**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.

**WEEE Regulations**

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

NOTE: It is our policy to continually improve products 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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