



INSTRUCTIONS FOR:
PNEUMATIC FUEL TANK DRAINER
Model No: **TP95**

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

BEFORE USING THIS PRODUCT, PLEASE READ THE INSTRUCTIONS CAREFULLY. MAKE CAREFUL NOTE OF SAFETY INSTRUCTIONS, WARNINGS AND CAUTIONS. THIS PRODUCT SHOULD ONLY BE USED FOR ITS INTENDED PURPOSE. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

(The use of symbols in this document is to attract your attention to possible danger. The symbols and warnings themselves do not eliminate any danger, nor are they substitutes for proper accident prevention measures).

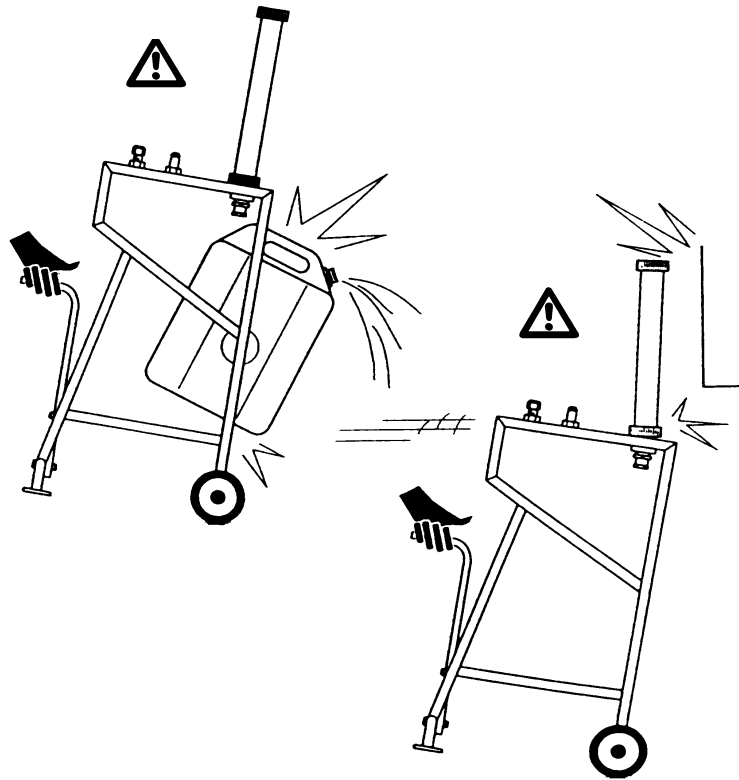
1. SAFETY INSTRUCTIONS

Petrol is a highly flammable liquid and any spillage will evaporate to form a flammable, heavier than air vapour which is easily ignited. Common ignition sources include, but are not limited to, smoking and light matches, welding and cutting equipment, heaters, all types of electrical equipment unless specifically designed as suitable for use in flammable atmosphere. Even low voltage inspection lamps, if damaged can ignite petrol vapour

Please take time to read the following safety information before commencing work with the TP95.

- ✓ Use the tool only for its intended purpose.
- ✓ Familiarise yourself with this product's applications and limitations, as well as the specific potential hazards peculiar to this tool.
- ✓ Use original Sealey spare parts only. Non-recommended parts may be dangerous and will invalidate the warranty.
- ✓ We recommend that the TP95 is used outdoors or in a well ventilated area, and well away from pits or other openings in the ground where vapour can collect.
- ✓ Disconnect the vehicle's battery before draining fuel.
- ✓ Keep a foam or dry powder fire extinguisher nearby.
- ✓ Ensure containers cannot easily be knocked over during filling.
- ✓ Ensure containers are large enough to hold the contents of the fuel tank you are draining.
- ✓ Ensure space required for use and maintenance of the tool is adequate, free from unrelated materials and has good lighting.
- ✓ Attach earth lead to the fuel container using the and crocodile clip supplied.
- ✓ Always use the earth bonding strap by connecting one end to the vehicle chassis away from any potential fuel vapour and the other end to a suitable earthing point.
- ✓ Remove all combustible materials from the work area.
- ✓ Use only a container (not included) rated for the fuels used. Ensure that the container mouth is as narrow as possible and still allow insertion of the drain hose.
- ✓ HSE guidance recommends use of metal containers with secure caps for holding drained fuel.
- ✓ Mark fuel containers with hazard labels to show their contents.
- ✓ Keep any fuel containers in a well ventilated, lockable store, preferably outside the working area.
- ✓ Soak up any spill immediately using absorbent granules or similar material.
- ✓ Keep children and unauthorised persons away from the working area, especially when the tool is in operation. Keep the work area childproof by using padlocks and master switches.
- ✓ Maintain the tool in top condition. Keep it clean for best and safest performance.
- ✓ Follow the same precautions when transferring fuel from the retriever back into the vehicle or into any other container.
- ✗ Do not use this tool for anything other than its intended purpose. The TP95 is only to be used for pumping fuel from diesel or petrol fed vehicles.
- ✗ **Do not** work on a fuel tank or remove a sender unit before draining the fuel.
- ✗ **Do not** use an open flame or smoke anywhere near the tool or around stored fuel.
- ✗ **Do not** drain fuel into open-topped containers such as buckets and watering cans.
- ✗ **Do not** drain fuel into dedicated workshop oil drain equipment.
- ✗ **Do not** drain fuel into plastic containers except for quantities less than 10 litres.
- ✗ **Do not** allow work which can produce a source of ignition, such as welding, electrical or other hot work, to be carried out while draining petrol.
- ✗ **Do not** drain fuel over or close to a pit or drain because of the risk of flammable vapour accumulation.
- ✗ **Do not** use any electrical equipment on or near the vehicle while fuel draining is in progress. This includes the use of inspection lights, cordless/mobile phones or pagers.
- ✗ **Do not** store drained or contaminated fuel in the workplace unless it is to be returned to the vehicle immediately.
- ✗ **Do not** add drained fuel to the waste oil tank.
- ✗ **Do not** wear clothing on which petrol has been spilt - stop work and change into uncontaminated clothing before continuing to work.
- ✗ **Do not** handle the unit with the collection tank on the lower table. The unit can become unstable and overturn.
- ✗ **Do not** use the drainer if the pump is damaged in any way.
- ✗ **Do not** stand on the frame.
- ✗ **Do not** leave pump running when unattended. Turn it OFF and do not leave area until it has come to a complete stop.
- ✗ **Do not** use whilst under the influence of drugs, alcohol or other intoxicating medication, or if you are fatigued.
- ✗ **Do not** force the tool to do a job it was not designed to do.

Users/Businesses should perform their own hazard risk assessment based on their specific environment and following the guidelines laid out above.



X Do not handle the unit with the collection tank on the lower table. The unit can become unstable and overturn.

2. SPECIFICATIONS

Height1400mm
 Width500mm
 Length720mm
 Weight17kg

Air Consumption10 l/min
 Capacity.....15 - 20 l/min
 Maximum Working Pressure3 - 4 bar

3. ASSEMBLY AND SETUP

To use the TP95, you will need a compressed air supply (lubricated, filtered and dehumidified with a minimum pressure of 5 bar, 1/4" union and minimum hose diameter of 8mm) and a container suitable for storing fuel (see illustrations).

3.1. Remove parts from the packing and check that all the following items are included:

- 3.1.1. Frame assembly with union kits (tightened on the upper table) and handle.
- 3.1.2. Fuel suction hose fitted with clamps and unions.
- 3.1.3. Drain hose.
- 3.1.4. Spacer (for fastening the pump)
- 3.1.5. Pump assembly.

3.2. The handgrip on table assembly has been packed with handle facing inward. Once out of the packing, It needs to be assembled so the handle faces outward.

- 3.2.1. Remove the screw and nut at the handle base.
- 3.2.2. Turn the handle so it faces outward.
- 3.2.3. Replace screw and nut to secure the handle in position.

3.3. Assembling the pump.

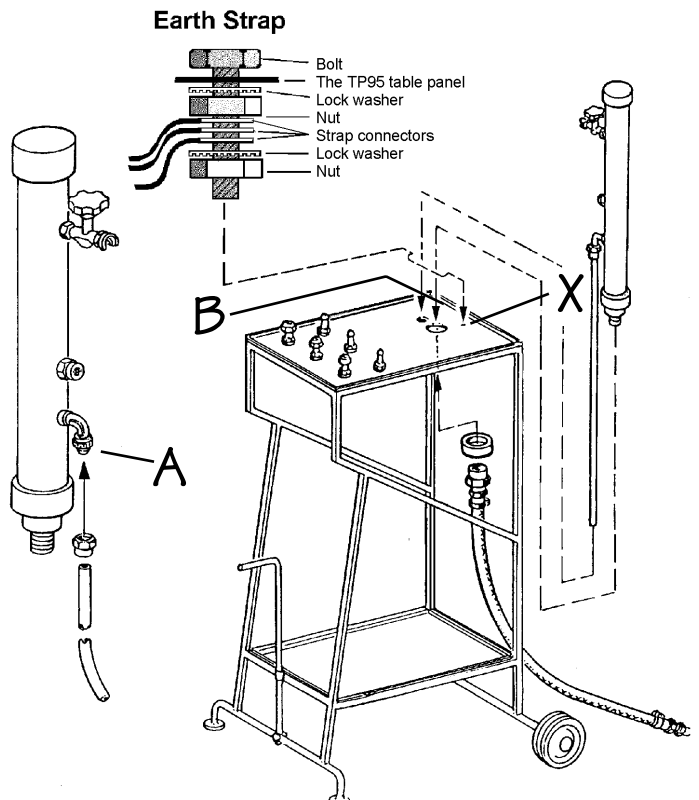
- 3.3.1. Attach drain hose to the pump inlet (A) with a spanner.
- 3.3.2. Pass the drain hose through the upper table hole and place the pump into its housing (B).
- 3.3.3. Secure the pump from below with the spacer.
- 3.3.4. Attach the suction hose to the bottom of the pump.

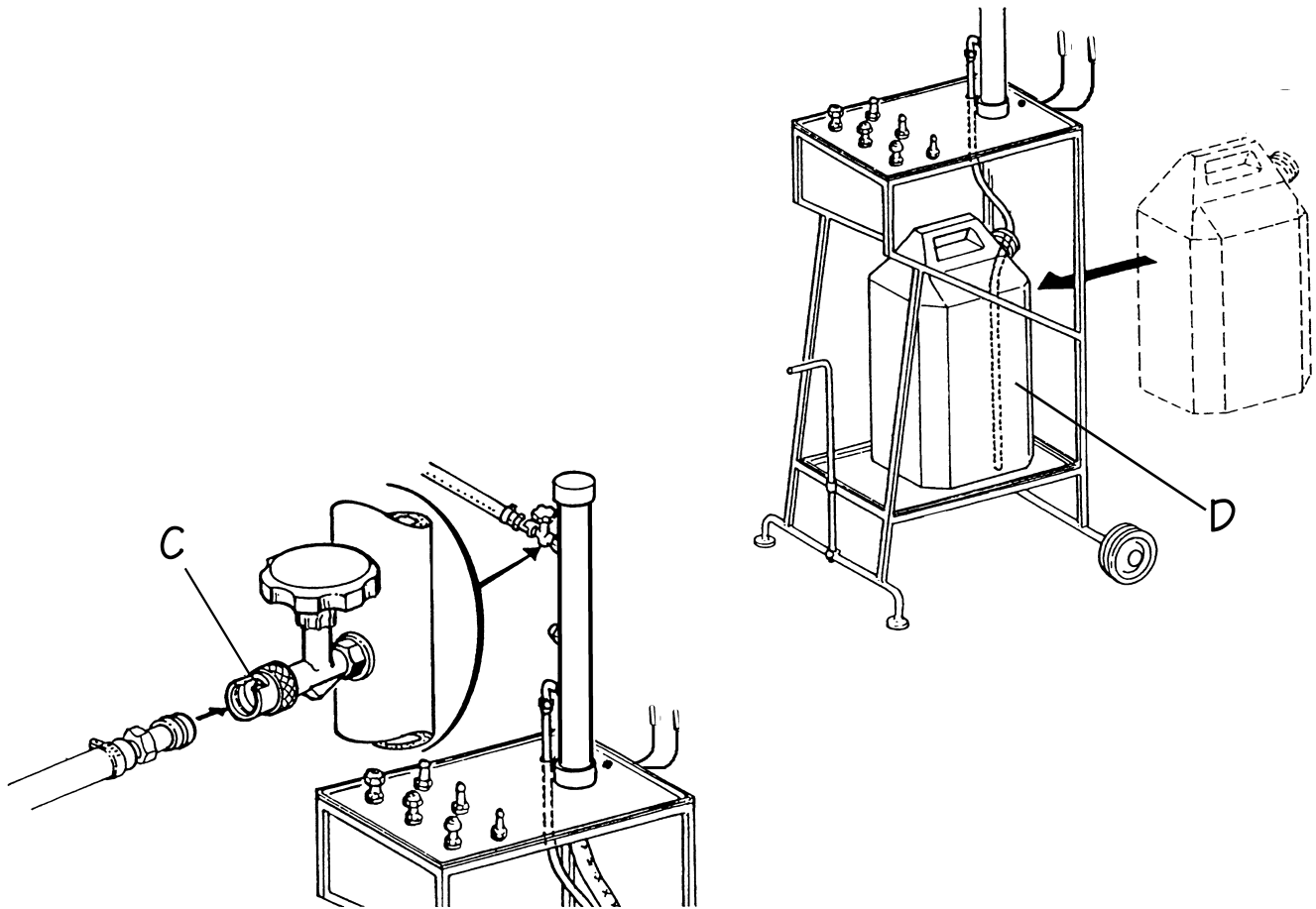
3.4. Earth strap connection

- 3.4.1. Pass bolt through designated TP95 table hole (X).
- 3.4.2. Fit locking washer, nut, three strap connectors, 2nd lock washer and 2nd nut (fig 1).

3.5. Attach the pump to the air supply (C).

- 3.5.1. Place a suitable fuel container on the bottom table (D).
- 3.5.2. Insert the drain hose into the fuel container. The hose should be as deep into the can as possible without touching the bottom so as to reduce possibility of splashing. Be sure the hose does not touch bottom.



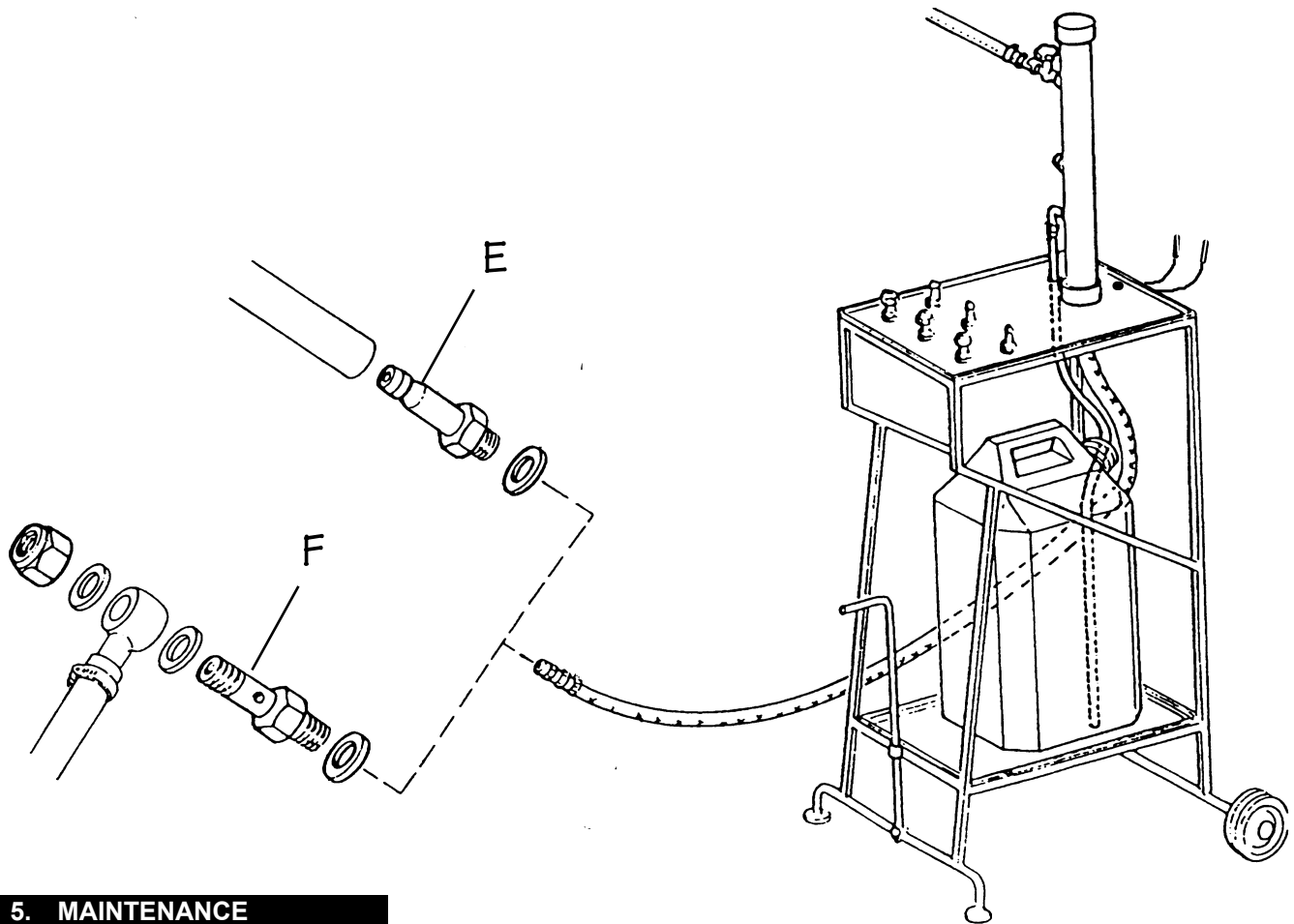


4. OPERATION

The TP95 is only to be used for pumping fuel from diesel or petrol fed vehicles. Any other use can be dangerous and will invalidate the warranty. Bring the unit near the vehicle when ready to begin transferring fuel. Pumping can be carried out in different ways depending on the vehicle's configuration.

Before beginning the draining process, ensure you have read and understood the safety warnings and guidelines listed in Section 1 of these instructions.

- 4.1. **Carburettor engine vehicles.** Fuel can be transferred from carburettor engine vehicles through the carburettor's fuel inlet pipe. If this is necessary, use one of the three 'fishbone' connectors supplied. Each has a different diameter.
 - 4.1.1. Attach the correct size connector and washer to the suction hose ('E' on illustration next page).
 - 4.1.2. Disconnect the fuel inlet hose and attach it to the suction hose connector.
- 4.2. **Fuel injected vehicles.** Fuel can be transferred from fuel-injected vehicles through the injector's fuel inlet pipe.
 - 4.2.1. Choose a connector with the required diameter and attach it to the suction hose ('F' on illustration next page).
 - 4.2.2. Disconnect the vehicle's fuel inlet pipe coming from the tank.
 - 4.2.3. Use the two gaskets from the ring removed from the car to obtain a better seal and attach the connector to the air inlet pipe.
- 4.3. **Connect the earth bonding strap.**
Ensure strap is tightly connected to unit table as described in chapter 3. First clamp one end of the strap to the vehicle grounding point away from any potential fuel vapour, and the other end of the strap to a suitable earthing point. Ensure the fuel container is also connected to the earth strap, if necessary scrape away a small amount of paint from the container to improve the earth connection.
- 4.4. **Transferring fuel directly from the tank.**
 - 4.4.1. Access to the tank may be gained from the boot through a porthole, closed by a guard or a safety device, if the vehicle is fitted with an anti-theft device at the fuel tank inlet. Remove the guard, carburettor float and the relevant cap and insert the suction hose into the hole without any union. This will allow quicker transfer of fuel than the previous two methods.
 - 4.4.2. In older vehicles, the suction tube can be inserted directly into the fuel tank through the fuel tank inlet.
- 4.5. **Start the pump suction** by opening the air inlet valve. The air pressure should be set to 3-4 bar. Higher pressures provide no benefit and may impair or damage the pump. **Do not completely open the valve or run the pump at its maximum speed.** When using connections as recommended in 3.1 and 3.2, transfer time may take about 15 minutes. When transferring directly through the suction tube, transfer time is about 3-4 minutes.
- 4.6. **Turn the pump off** by closing the air inlet after all the fuel has been transferred.
The pump will cavitate when fuel transfer is complete. Be sure to turn it off as soon as possible as prolonged cavitation may damage the pump.
- 4.7. Unless the fuel is to be returned to the vehicle immediately, it should be stored in a designated lockable, well-ventilated area, preferably outside the workshop.
- 4.8. Any contaminated petrol or petrol/diesel mixtures should be consigned to waste, giving a clear description of the nature of the material.



5. MAINTENANCE

- 5.1. Maintenance, service and repair should only be carried out by qualified persons.
- 5.2. Clean the pump silencer at least once a month to remove oil residue. Remove it from the pump housing and place it in a detergent solution for 2 hours. Dry it with compressed air and place it back in the pump housing.
- 5.3. Check the condition of the transfer hoses. Make sure that they are intact and undamaged, without cracks, holes or leaks. If they are damaged or they leak, replace them.
- 5.4. Check the condition of the teflon gaskets and the 'fishbone' connections. Be sure that they are undamaged and can maintain a perfect seal. Replace them with original spare parts if they are damaged or not working correctly.
- 5.5. Periodically check the earth strap terminals for tightness and that the wire and clamps are in good order.

Declaration of Conformity

We, the sole importer into the UK, declare that the product listed below is in conformity with the following standards and directives.

Pneumatic Fuel Tank Drainer Model No: TP95

89/392/EEC
Machinery Directive (1992 SI No. 3073)

CE The construction file for these products is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd

Signed by Tim Thompson

1st March 2007

For Jack Sealey Ltd.

Sole importer into the UK of Sealey Power Products

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 responsibility is accepted for incorrect use of this product.

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

INFORMATION: Please call us for a copy of our latest catalogue



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