



DPF ULTRA CLEANING STATION

MODEL NO: **DPF1**

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
instructions



Wear a face
shield



Wear protective
gloves



Wear safety
footwear



Warning
Electricity



Keep out of rain



High pressure
air hazard

1. SAFETY

1.1. ELECTRICAL SAFETY

WARNING! It is the user's responsibility to check the following:

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 stockist.

If the product is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.

ELECTRICAL SAFETY INFORMATION: it is important that the following information is read and understood.

1.1.1. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.

1.1.2. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.

1.1.3. **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 the appliance by the power cable.
- * **DO NOT** pull the plug from the socket by the cable.
- * **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.

1.1.4. This product is fitted with a BS1363/A 13 Amp 3 pin plug.

If the cable or plug is damaged during use, switch the electricity supply and remove from use.

Ensure that repairs are carried out by a qualified electrician.

Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.

A) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.

B) Connect the BROWN live wire to the live terminal 'L'.

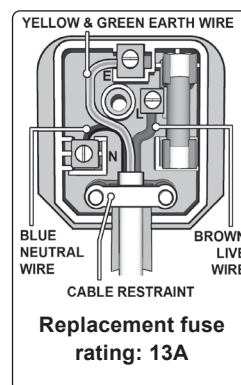
C) Connect the BLUE neutral wire to the neutral terminal 'N'.

Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.

Sealey recommend that repairs are carried out by a qualified electrician.

1.2. GENERAL SAFETY

- ☐ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this unit.
- ✓ Wear appropriate PPE.
- ✓ Familiarise yourself with the applications, limitations and potential hazards of the unit.
- ☐ **WARNING:** Only use in well ventilated areas. Exhaust gases are poisonous.
- ✓ Operators must receive adequate training before using the unit.
- ✓ Always perform automotive work in a safe environment.
- * **DO NOT** operate the unit while under the influence of drugs, alcohol or intoxicating medication, or if tired.
- * **DO NOT** cover the unit or place heavy loads on top of it.
- * **DO NOT** operate in wet or damp conditions.
- ✓ Check the condition and operation of all components before each use.
- ✓ Operate the unit on a smooth level surface in order to avoid tipping or spillage.
- ✓ Stand correctly keeping a good footing and balance, ensure that the floor is not slippery and wear non-slip shoes.
- ✓ Keep unauthorised persons away from the work area. Any persons working within the area must wear the same protective items.
- ✓ Keep the unit, hoses and cables in good working order and condition. Take immediate action to repair or replace damaged parts.



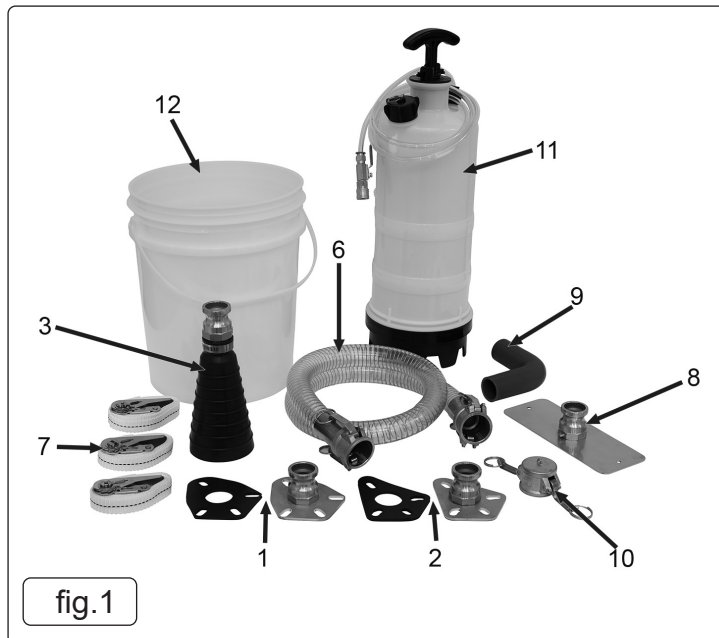
2. INTRODUCTION

Provides an off-vehicle, same day workshop cleaning solution. The machine uses a mixture of high pressure air, chemicals and water. This cleaning station along with the Sealey recommended chemicals offers a fast and cost effective way to completely clean and protect any DPF. Great revenue boost for any workshop. Each treatment will require a DPF Ultra Cleaning Kit (Model No. DPF1KIT) which includes 1 x Ultra Clean and 1 x Ultra Protect Solution. The ultra cleaning chemical is a unique solution specially formulated to safely lift impurities from the DPF. The protect chemical features the latest nano catalyst technology to keep your DPF cleaner for longer. Also features an automatic service function allowing the user to continue with other work.

3. SPECIFICATION

MODEL NO.:DPF1
 Air receiving tank 15ltr
 Air requirement4-6bar
 Cleaning agent.....Chemical/Water/Air
 Dimensions (W x L x H) 400 x 900 x 1120mm
 Supply..... 230V~50Hz
 Power.....5W

4. CONTENTS



Item No.	Part No.	Description
1	DPF01.01	Adaptor 1 + Gasket
2	DPF01.02	Adaptor 2 + Gasket
3	DPF01.03	Adaptor 3 (Small Vehicle)
6	DPF01.06	DCS Clear Hydraulic Pipe (1-1/4"F to 1-1/4"F) 1.5m
7	DPF01.07	Mini Ratchet Bar (25mm x 1.5m)
8	DPF01.08	Discharge Adaptor (Small)
9	DPF01.09	Waste Water Hose (38mm)
10	DPF01.10	Soaking Cap (1-1/4)
11	DPF01.12	Water Pressure Container
12	DPF01.13	Waste Water Bucket

5. OPERATION

5.1. DPF PREPARATION

- 5.1.1. Select a suitable adaptor and gasket (fig.1-1, fig1-2, fig1-3) for the DPF. Ensure a good fit to the DPF to avoid spillage. Close off the adaptor using the Soaking Cap (fig.1.10). Block off any DPF pressure tapings.
- 5.1.2. Pour Ultra Clean detergent into inverted DPF and fill to the top face of the internal structure.
- 5.1.3. Leave the DPF in a vertical position for minimum of 30 minutes and regularly agitate it in order to ensure full coverage of solution within the DPF and to begin the cleaning effect.
- 5.1.4. Empty the contents into a suitable container after soaking the DPF for a suitable period.

5.2. OPERATION PREPARATION (fig.4)

- 5.2.1. Ensure that the unit is not connected to the power supply.
- 5.2.2. Lay drained DPF onto machine bed ensuring the DPF outlet is beyond the brushes at the machine entrance.
NOTE: If the outlet of the DPF does not fit fully into the aperture on the machine, remove the cover by using the three thumbscrews on the face plate and fully engage the DPF into the exposed space.
NOTE: Some PDFs are not designed as 'straight-through' e.g. they may be 'L' or even 'Z' shaped. In certain circumstances it is advised to remove the aperture entrance cover, fit the discharge adaptor (fig.1.8) in place of the cover and attach the clear pipe (fig.1.6) between the adaptor and the DPF.
- 5.2.3. Strap DPF firmly to the machine bed using the supplied ratchet bars (fig.1.7).
- 5.2.4. Remove Soaking Cap from DPF and connect air supply to the adaptor fitted to the unit.
- 5.2.5. Fill the water pressure container (fig1.11) with the appropriate amount of water that **DOES NOT** exceed the capacity of the waster bucket.
- 5.2.6. Connect the water supply fitting to the inlet of the air line fitting (fig.3). Ensure that the water outlet valve is closed at this stage.
NOTE: Ensure cover plate is placed with the arrow facing the machine entrance (see diagram right).





fig.2

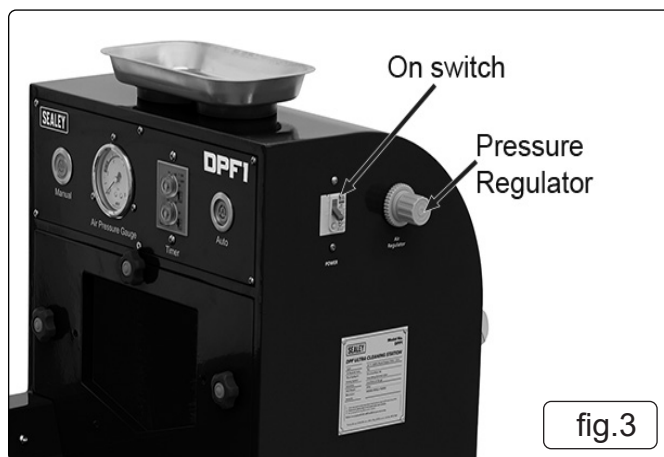


fig.3

NOTE: Before any operation, test the seals by pressing the manual button once BEFORE the water valve is opened. Adjust seals if necessary.

5.3. MANUAL OPERATION

- 5.3.1. Turn on mains power (fig.3) and air supply. Depress Emergency Safety switch on far side of the unit.
- 5.3.2. Pressurise water container and open water inlet valve on air connection fitting (fig.4).
- 5.3.3. Check air pressure regulator is set to 2 bar (initial setting) (fig.3).
- 5.3.4. With the Manual button lit (fig.2.1), press and hold it in for a short time. This will open the air valve and push air and liquid through the DPF. Allow air pressure to restore to the set value before repeating operation.

5.4. AUTOMATIC OPERATION

- 5.4.1. Follow steps 5.3.1, 5.3.2, 5.3.3.
- 5.4.2. Set timer control (fig.2.3, fig.5) to operate timing and frequency of operation. The top dial controls the valve open time and measured in seconds while the lower dial sets valve close time and is measured in minutes. When rinsing with water it is recommended to set open time to 0.1sec and close time to 0.1min and when air drying set open to 0.3sec and close to 0.3min. Users may adjust these settings accordingly.
- 5.4.3. Press Auto button (fig.2.4) and the machine will function to times set (5.4.2).

NOTE: During operation it will be necessary to re-pressurize the water container as pressure is released.

NOTE: Depending on performance, it may be necessary to increase air pressure (suggest maximum of 4 bar fig.3) and to increase opening and closing times of air inlet solenoid (5.4.2).

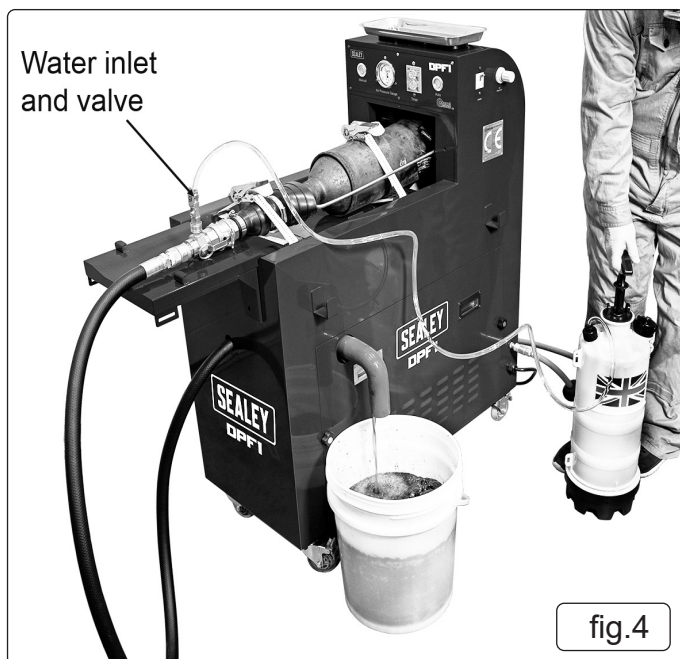


fig.4

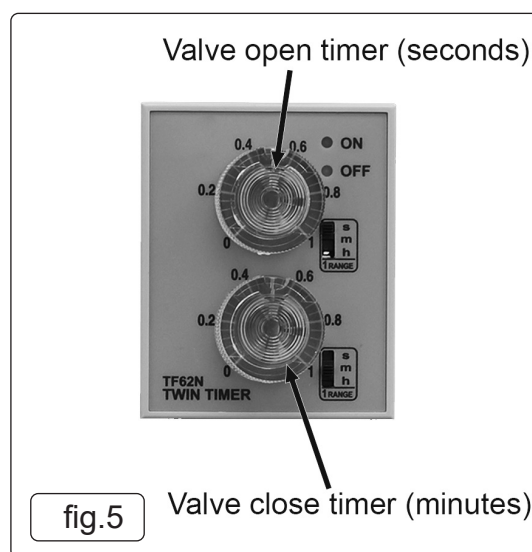


fig.5

6. MAINTENANCE

- 6.1. Regularly check and inspect all hoses and electrical connections. Replace if necessary.
- 6.2. Clean down / rinse machine after use with clean fresh water.



ENVIRONMENT 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 any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



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 is required for any claim.