

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.

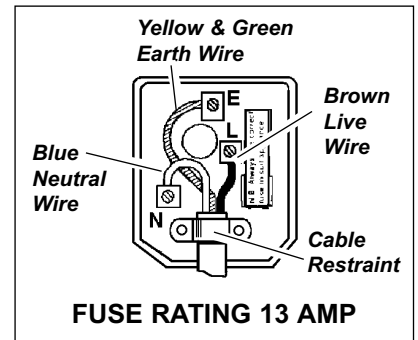
⚠ IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP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

1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY

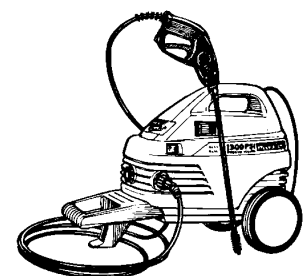
⚠ WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:
 You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. **You must** also read and understand the following instructions concerning electrical safety.

- 1.1.1. The **Electricity at Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When an ASTA/BS approved UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.** Fit a new plug according to the following instructions (UK only).
 - 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'.
 - d) After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.
 Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.
- 1.1.10. Products which require more than 13 amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
- 1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If extension reel is to be used outdoors, ensure it is marked for outdoor use.



1.2 GENERAL SAFETY

- ⚠ WARNING!** *Water and Electricity are dangerous partners. Be extremely cautious and always be aware that this device uses an electric motor. Always plug into a RCD (See electrical safety 1.1 above).*
- ⚠ WARNING!** *Do not operate the washer if damaged. Replace or repair using recommended parts only. Non-authorized parts may be dangerous and will invalidate your warranty.*
- ⚠ WARNING!** *Always use washer on a flat, levelled surface, in a horizontal position. Failure to do so will invalidate your warranty.*
- ⚠ WARNING!** *High pressure jet will cause loose particles to be propelled at high speed, which may cause serious injury.*
- ⚠ WARNING!** *DO NOT use the machine without a water supply. Dry running can seriously damage the unit.*
- ⚠ WARNING!** *DO NOT leave motor running for more than 1-2 minutes without operating trigger, as temperature/pressure increase may damage sealing system.*
- ✓ Always be aware of the potential hazards that may occur during use.
- ✓ Study the washer's applications and limitations before use.
- ✓ If during operation power failure occurs, turn the unit off for safety reasons.
- ✓ Keep the washer in good condition, regular maintenance will give best and safest performance.
- ✓ Wear adequate protective clothing, goggles and anti-slip rubber soled footwear.
- ✓ Ensure the operating area is clear of other people and animals.
- ✗ DO NOT connect other appliances to the same outlet.
- ✗ DO NOT use in damp or wet weather conditions.
- ✗ DO NOT pull high pressure hose to move unit.
- ✗ DO NOT touch plug with wet hands, to avoid the risk of electrocution keep all connections dry and off the ground.
- ✗ DO NOT direct jet against yourself, other persons or animals, electrical equipment or the washer.

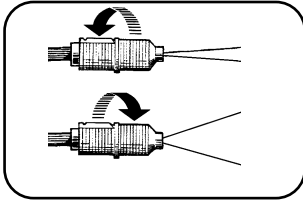


- X DO NOT use washer if you are tired, under the influence of alcohol, drugs or intoxicating medication.
- X DO NOT allow children or untrained persons to operate the washer.
- ✓ When not in use unplug from the mains power supply and store in a safe, dry, childproof area.

2. TECHNICAL SPECIFICATION

Manifold Pressure	1300 psi
Effective Cleaning Power	2300 psi
Water Flow	420 ltr/hr
Motor Power	1750W
Input Voltage	230V
Motor rpm	2800
Max Inlet Temp	50°C
Trolley Included	Yes
Hose Length	6.8 m
Weight	13 kg

By rotating the stream of water at high speed, it is possible to increase the effective cleaning pressure of the washer. We quote the pressure the water leaves the pump as 'Manifold Pressure' and express the cleaning power of the washer as the 'Effective Cleaning Power'.



3. SETUP & ASSEMBLY

- ☐ **WARNING!** The supply tap being used must provide at least 7 litres of water per minute. The hose should be reinforced with an internal diameter of at least 13mm.
 - ☐ **WARNING!** Ensure the washer is not connected to the mains power before continuing; or when changing any accessories, performing any maintenance, or servicing.
- 3.1. Preliminary checks and advice.**
- 3.1.1. Before starting ensure the water intake is correctly connected. Dry running can seriously damage the unit.
 - 3.1.2. Check the inlet filter is clean; pump delivery and pressure will be reduced if blocked. Never use the machine without a filter (fig 1).
 - 3.1.3. The unit is filled with oil and sealed at the factory. There is no need to check the oil level.
- 3.2. Setup.**
- 3.2.1. Insert the lance into the trigger assembly and twist to secure (fig 2).
 - 3.2.2. The other end of the hose should be connected to the outlet on the machine.
- 3.3. Precautions for storing.**
- 3.3.1. If the washer is to remain unused for more than 2 months, or if it is going to be stored in a place where there is a risk of freezing, it is advisable that you pour an anti-freeze solution into the pump, via the water inlet.
- 3.4. Precautions before starting.**
- 3.4.1. If the washer has not been used for a prolonged period turn the motor by hand, with the key provided (fig 3), before switching the machine on. This will release any blockages, deposits or limescale. **Remove the key before switching on!** Taking these precautions before starting will avoid damage to the motor and sealing system.

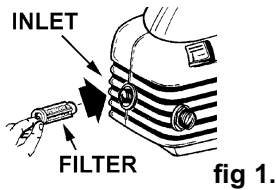


fig 1.

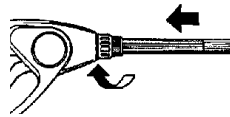


fig 2.

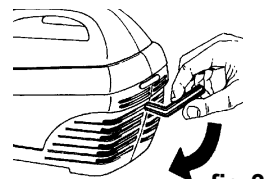


fig 3.

4. OPERATION

- ☐ **WARNING!** Ensure you have read, understood and apply Section 1 safety instructions.
- ☐ **WARNING!** Dry running can seriously damage the unit.
- ☐ **WARNING!** DO NOT leave motor running for more than 1-2 minutes without operating the trigger, as temperature/pressure increase may damage sealing system.

- ☐ **WARNING!** While the machine is running, **DO NOT** cover or place it in an enclosed space with poor ventilation.

- 4.1. Start procedure.**
- 4.1.1. Fully open the mains water tap and ensure there are no leaks from the hoses or connectors, and that hoses are not kinked.
 - 4.1.2. Depress the trigger to allow any air to escape, hold for 10 seconds then release.
 - 4.1.3. Turn the machine on and allow 20 seconds for the water pressure to build up sufficiently before depressing the trigger. You will need to experiment with the pressure washer to determine the best setting for the lance.

4.2. Adjustments.

- ☐ **WARNING!** Avoid sudden bursts of water as they will cause the water pressure to drop and put extreme pressure on the hoses and connectors. If this happens you will need to switch the machine off, and refer back to the start procedure.
- 4.2.1. The water fan must only be adjusted with the trigger closed.
- 4.2.2. Rotate nozzle in order to determine the best setting for the lance, either a fine high pressure jet or rotablast (fig 4).
- 4.2.3. If someone else is using water from the same supply as the washer, the water pressure will drop and the washer will not operate correctly. Switch the motor off immediately and wait until the pressure is restored.
- 4.2.4. When finished working, discharge the remaining pressure in the hose by pulling the trigger.

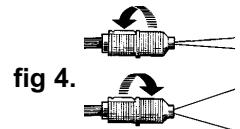


fig 4.

4.3. How to use the detergent kit.

- 4.3.1. Add 0.5 litres of detergent to the detergent bottle.
- 4.3.2. Connect the detergent bottle to the lance (fig 5).
- 4.3.3. Depress the trigger to apply detergent mix. The amount of detergent supplied is varied by turning the adjuster knob on top of the bottle. Leave the detergent to act for 1-2 minutes before removing the bottle.

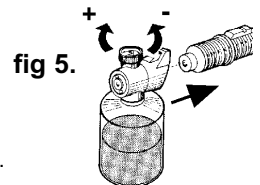


fig 5.

5. TROUBLESHOOTING GUIDE

SYMPTOM	REASONS	REMEDY
Pump does not reach required pressure	Nozzle incorrect or worn Air being sucked into the system Valves dirty worn or stuck Dirty filter Regulator valve seat is worn Worn piston packing Unloader valve packing worn	Replace the nozzle Check that hoses and fittings are air tight Clean or replace valve Clean or replace filter Replace the valve seat Check and replace Check and replace
Pressure drops during use	Valves dirty or worn Nozzle worn Unloader valve packing worn Worn piston packing Dirty filter	Clean or replace valve Replace the nozzle Check and replace Check and replace Clean or replace
Pump noisy	Pump sucking air Valves dirty or worn Worn bearings Water too hot Dirty filter	Check that hoses and fittings are air tight Clean or replace valve Check and replace if necessary Reduce temperature Clean or replace
Presence of water in oil	High humidity in air Piston packing and oil seal worn	Check and replace oil twice as often Check and replace
Oil leaks	Oil seals worn	Check and replace
Motor does not start when switched on	Plug is not connected	Check plug connections and mains power supply is active
Motor hums but does not start when switched on	Unsuitable mains voltage Pump is stuck Pump is frozen Incorrect extension cable	Check for adequate power supply and cable condition Check by turning motor manually with the allen key supplied, in the motor shaft. If jammed return to your Sealey dealer. Leave unit to thaw naturally. The pressure washer should be stored away from the threat of freezing. Extensive pump damage could otherwise occur. Use a suitable extension cable. See Section 1.1 Elect.Safety.
Water dripping from pump	Piston packings worn Piston guide O-ring worn	Check and replace Check and replace
The motor stops	Tripped thermal overload due to overheating	Check that the mains voltage matches the specifications Switch off the motor and let it cool for 5 minutes
Fluctuating pressure	Valves worn dirty or stuck Pump sucking air Worn piston packing Dirty filter	Check, clean or replace Check that hoses and fittings are air tight Check and replace Check and clean

Declaration of Conformity We, the sole importer into the UK of Sealey Power Products, declare that the product listed below is in conformity with the following EEC standards and directives.

Pressure Washer PC2301

73.23/EEC Low Voltage Directive (S.I. 1994/3260)
89/336/EEC EMC Directive (S.I. 1992/2372 & Amendments).



The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Mark Sweetman

Date 1st June 1999

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 equipment

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

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



Sole UK Distributor,
Sealey Group,
Bury St. Edmunds, Suffolk.



01284 757500



01284 703534

E-mail: sales@sealey.co.uk
Web: www.sealey.co.uk