



INSTRUCTIONS FOR: ELECTRIC IMPACT WRENCH

Model: **SWE900**

Thank you for purchasing a Sealey product. Manufactured to a high standard this article 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 AND CAUTIONS. USE THIS 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 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 that all portable electrical appliances, if used on business premises, are 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 a BS 1363/A 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.

1.2. GENERAL SAFETY

✓ Follow all workshop safety rules, regulations, and conditions when using wrench.

✓ Disconnect from the mains electrical supply before servicing or performing any maintenance.

✓ Maintain the wrench in good condition. Check moving parts for alignment on a regular basis. Keep the wrench clean.

✓ Replace or repair damaged parts. *Use an authorised service agent and recommended parts only. Non-authorised parts may be dangerous and will invalidate the warranty.*

✓ Use in adequate working area for its function. Keep area clean and tidy and free from unrelated materials and ensure there is adequate lighting.
 WARNING! Due to the possible presence of asbestos dust from brake linings, when working around vehicle brake systems we recommend you wear suitable respiratory protection.

✓ Only use impact sockets which are specifically designed for use with an impact wrench.

✓ Avoid unintentional starting.

✓ Wear approved safety eye/face shield, ear defenders and hand protection.

✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.

✓ 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.

x **DO NOT** operate the wrench if any parts are missing as this may cause failure and/or possible personal injury.

x **DO NOT** use wrench unless you have been instructed in its use by a qualified person.

x **DO NOT** operate the wrench where there are solvent fumes, flammable gases, liquids or solids.

x **DO NOT** leave the wrench operating whilst unattended.

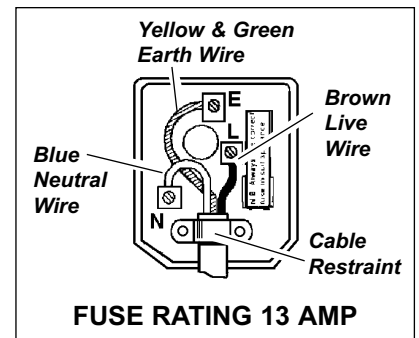
x **DO NOT** carry wrench with your finger on the trigger.

x **DO NOT** force the wrench to achieve a task it was not designed to perform.

x **DO NOT** operate the wrench when you are tired, under the influence of alcohol, drugs or intoxicating medication.

x **DO NOT** get the wrench wet or use in damp or wet locations.

✓ Keep wrench in the case and store in a safe, dry, childproof area when not in use.



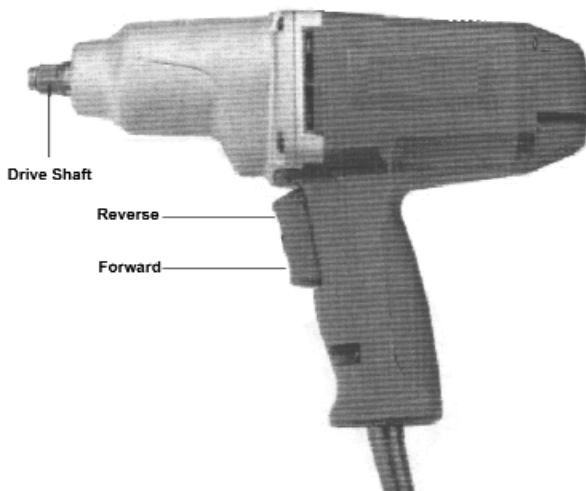
2. INTRODUCTION & SPECIFICATIONS

Heavy duty 800Watt motor with a rocking dog impact mechanism. Double insulated composite motor housing with non-slip grip handle for comfort and control. Rocker type forward and reverse switch. Die cast aluminium gear housing.

Drive1/2" sq
Working Torque470lb.ft
Max Torque500lb.ft
Ultimate Torque540lb.ft
Input800W/230V
No Load Speed0-2000rpm
Impacts Per Minute2700
Weight3.5kg
Sound pressure level94.8dB(A)
Sound power level107.8dB(A)
Vibration110mtr/s²

3. OPERATING INSTRUCTIONS

- WARNING! Ensure you read, understand and apply safety instructions before use.**
- 3.1. Only use impact sockets which are specifically designed for use with an impact wrench. The use of normal chrome vanadium sockets is dangerous since these are more brittle and are liable to shatter.
- 3.2. Fit the socket to the wrench by pushing it onto the 1/2" square drive shaft.
- 3.3. Plug into the mains electrical supply.
- 3.4. The forward and reverse action is incorporated in the rocking switch. Determine which direction you require and depress switch accordingly.
- WARNING! Do not alter the direction of the drive shaft while it is still rotating. To do so will damage the gears and invalidate your warranty. Before changing direction make sure drive shaft has come to a complete stop.**
- 3.5. Place the socket over the subject nut and depress the switch to operate the wrench.
- WARNING! When tightening, take care not to over-torque the fixing**



4. MAINTENANCE

- WARNING! Always disconnect from power supply before attempting any form of maintenance.**
- 4.1. Keep the outer case of the wrench clean and free from grease. DO NOT wash with water or use solvents or abrasives. For any other service or maintenance, contact your authorised service agent.

5. DECLARATION OF CONFORMITY

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.

**Electric Impact Wrench
Model SWE900**

73/23/EEC LV Directive
89/336/EEC EMC Directive
93/68/EEC CE Marking Directive



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

30th May 2003

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 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.

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



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