



IMPACT WRENCH 230V

MODEL NO: IW230V

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



Wear protective gloves



Wear eye protection



Wear face mask



Wear ear protection

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 dealer.

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

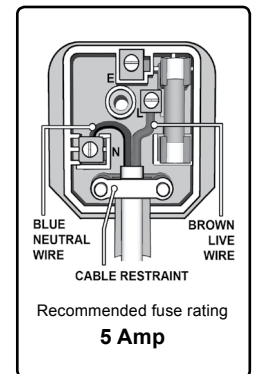
Electrical safety information, it is important that the following information is read and understood.

- 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 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.
- 1.1.4. 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. Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician. Class II products are wired with live (brown) and neutral (blue) only and 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. 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

- ✓ Disconnect the wrench from the mains power before changing accessories, servicing or performing any maintenance.
- ✓ Maintain wrench in good condition. Check moving parts and alignment and keep wrench clean. If necessary use an authorised service agent.
- ✓ Replace or repair damaged parts. Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Wear approved safety eye protection with side shields and a dust mask if wrenching generates dust. Rubber gloves are recommended when using out doors and safety gloves indoors.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, other loose jewellery and contain long hair.
- ✓ Use wrench in an adequate working area for its function, keep area clean, tidy and free from unrelated materials and ensure adequate lighting.
- ✓ Prevent body contact with grounded surfaces to avoid electric shock i.e. pipes, radiators, ranges, refrigerators etc.
- ✓ Evaluate your working area before using the wrench i.e. ceiling, floors and enclosures may contain hidden electrical wires or water piping.
- ✓ Maintain correct balance and footing.
- * **DO NOT** over-reach and ensure the floor is not slippery and wear non skid shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- * **DO NOT** hold unsecured work in your hand.
- ✓ Secure non stable work piece with a clamp, vice or other adequate holding device.
- ✓ Avoid unintentional starting and ensure the lock on button is disengaged before use.
- * **DO NOT** force the wrench to achieve a task it was not designed to perform.
- * **DO NOT** operate wrench where there are flammable liquids or gasses.
- * **DO NOT** get the wrench wet or use in damp or wet locations.
- * **DO NOT** operate the wrench if any parts are missing or the wrench is damaged as this may cause failure and/or possible personal injury.
- * **DO NOT** operate the wrench when you are tired, under the influence of alcohol, drugs or intoxicating medication.

- ✘ **DO NOT** carry the wrench with your finger on the power switch, or carry by the power cord, or leave the wrench running whilst unattended.
- ✓ When not in use switch wrench off, remove plug from power supply, clean the wrench and store in safe, dry, child proof area.

2. INTRODUCTION

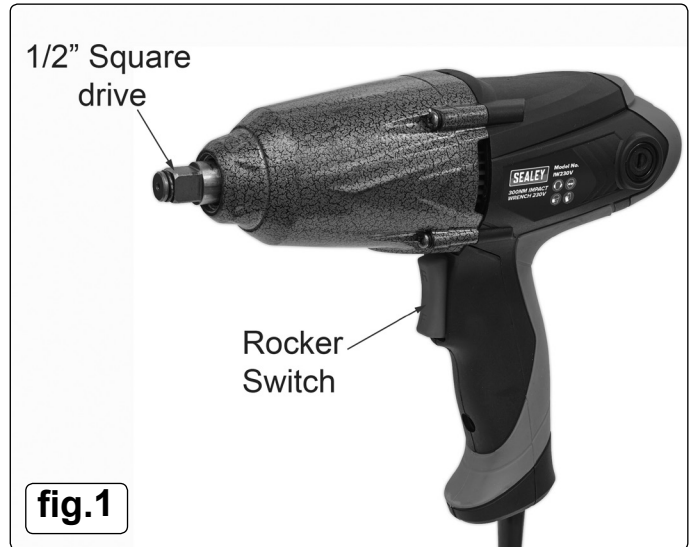
Powerful, ergonomic and capable of removing the most stubborn of wheel nuts. Produces up to 300Nm (222lb.ft) of torque in both directions. Fitted with a 2mtr heavy-duty rubberised cable. Features a rubber grip for added comfort and forward/reverse rocker switch. Supplied in a carry case with four impact sockets (17mm, 19mm, 21mm, 22mm).

3. SPECIFICATION

Model No:.....	IW230V
Drive:	1/2" Square
Impact rate:.....	5000bpm
Maximum Torque.....	300Nm(222lb.ft)
No load speed.....	2600rpm
Weight.....	3.37kg
Vibration.....	10.04 m/s ²
Uncertainty.....	1.5m/s ²
Noise Power.....	100dB
Noise Pressure	89dB

4. OPERATION

- ☐ **WARNING!** Ensure that you read, understand and apply the **Using the wrench.**
- 4.1.1. Use only 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.
- 4.1.2. Fit the socket to the wrench by snapping it onto the square drive (fig.1).
- 4.1.3. Select the required direction of rotation using the rocker-type trigger switch. To change rotation direction, depress rocker switch (fig.1) up or down. Familiarise yourself with this operation before use.
- ✘ **DO NOT** attempt to change the direction of rotation whilst in motion.
- 4.1.4. When tightening, release the trigger as soon as the impact sound is heard. Take care to not over-torque small fixings.
NOTE: On critical fixings, final tightening should be carried out using a torque wrench, setting it according to the product or the vehicle manufacturer's specifications.



5. MAINTENANCE

- 5.1. **Cleaning.**
- 5.1.1. Keep the outer case of the wrench clean and free from grease
 - ✘ **DO NOT** wash with water or use solvents or abrasives, use a damp cloth only.
- 5.1.2. For any other service or maintenance, contact your Sealey stockist.



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.



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.

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.

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WARNING! – Risk of Hand Arm Vibration Injury.

This tool may cause Hand Arm Vibration Syndrome if its use is not managed adequately.

This tool is subject to the vibration testing section of the Machinery Directive 2006/42/EC.
This tool is to be operated in accordance with these instructions.

This tool has been tested in accordance with: EN ISO 28927-2:2009 & BS EN ISO 15744:2008.
Declaration and verification of Vibration Emission figures are in accordance with EN 12096:1997.

Measured vibration emission value (a):.. 10.04 m/s²
Uncertainty value (k):..... 1.5 m/s²

Please note that the application of the tool to a sole specialist task may produce a different average vibration emission. We recommend that a specific evaluation of the vibration emission is conducted prior to commencing with a specialist task.

A health and safety assessment by the user (or employer) will need to be carried out to determine the suitable duration of use for each tool.

NB: Stated Vibration Emission values are type-test values and are intended to be typical.

Whilst in use, the actual value will vary considerably from and depend on many factors.

Such factors include; the operator, the task and the inserted tool or consumable.

NB: ensure that the length of leader hoses is sufficient to allow unrestricted use, as this also helps to reduce vibration.

The state of maintenance of the tool itself is also an important factor, a poorly maintained tool will also increase the risk of Hand Arm Vibration Syndrome.

Health surveillance.

We recommend a programme of health surveillance to detect early symptoms of vibration injury so that management procedures can be modified accordingly.

Personal protective equipment.

We are not aware of any personal protective equipment (PPE) that provides protection against vibration injury that may result from the uncontrolled use of this tool. We recommend a sufficient supply of clothing (including gloves) to enable the operator to remain warm and dry and maintain good blood circulation in fingers etc. Please note that the most effective protection is prevention, please refer to the Correct Use and Maintenance section in these instructions. Guidance relating to the management of hand arm vibration can be found on the HSC website www.hse.gov.uk - Hand-Arm Vibration at Work.