



18V 1/2" SQ. DRIVE CORDLESS IMPACT WRENCH

MODEL NO: CP1812

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 eye protection



Wear protective gloves



Wear ear protection



Wear dust mask

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 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.

- ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- ✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- ✓ 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.

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 are 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.

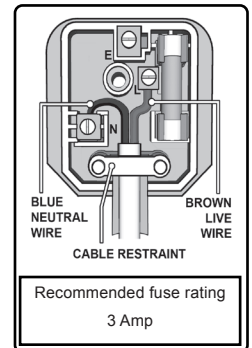
Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.

- ✗ **DO NOT** connect either wire to the earth terminal.

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

1.2. GENERAL SAFETY

- ✓ Follow all workshop safety rules, regulations and conditions when using the wrench.
- ✓ Remove the battery pack from the wrench before servicing or performing any maintenance.
- ✓ Maintain the wrench and battery pack in good condition.
- ✓ Replace or repair damaged parts. Use an authorised service agent and recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Ensure the wrench is in 'neutral' before installing the battery pack.
- ✓ Keep the wrench, battery pack and charger clean for optimum performance.
- ✓ Keep the work area clean and tidy and free from unrelated materials. Ensure that there is adequate lighting.
- ✓ Ensure that battery pack is correctly fitted to the wrench handle and latched in place before operating wrench.
- ❑ **WARNING!** When working around vehicle brake systems we recommend that you wear suitable respiratory protection due to the possible presence of asbestos dust from brake linings.
- ✓ Use only impact sockets which are specifically designed for use with an impact wrench.
- ✓ Avoid unintentional starting.
- ✓ Hold the wrench securely before pressing the trigger; considerable torque reaction is generated upon 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 work area.
- ✗ **DO NOT** operate the wrench if any parts are missing as this may cause failure and/or personal injury.
- ✗ **DO NOT** use the wrench unless you have been instructed in its use by a qualified person.
- ✗ **DO NOT** operate the wrench where there are solvent fumes or flammable gases, liquids or solids.
- ✗ **DO NOT** leave the wrench operating unattended.
- ✗ **DO NOT** carry wrench with your finger on the trigger. Keep direction switch in 'locked' position when not in use.
- ✗ **DO NOT** use the wrench for a task it is not designed to perform.



- x **DO NOT** operate the wrench when you are tired or under the influence of alcohol, drugs or intoxicating medication.
 - x **DO NOT** get the wrench or battery charger wet or use in damp or wet locations.
 - ✓ Keep wrench and charger in the case and store in a safe, dry, childproof area where the temperature will not exceed 104°F (40°C)
- 1.3. BATTERY SAFETY**
- ✓ Charge the battery pack prior to first use. The battery pack will have been shipped in a low charge state.
 - ✓ Use only the charger provided to charge the battery pack.
 - x **DO NOT** charge the battery pack when room temperature is below 50°F (10°C) or above 95°F (35°C).
 - x **DO NOT** attempt recharging the pack by means of an engine generator or a DC power source.
 - x **DO NOT** short-circuit the battery pack by touching both terminals at the same time with a metal object, or your fingers etc.
 - x **DO NOT** store battery pack or tool in locations where the temperature may exceed 104°F (40°C) e.g. in sheds, above heaters etc.
 - ▲ **DANGER! DO NOT** attempt to dismantle the battery pack. For safety and environmental reasons **DO NOT** discard in domestic waste or by burning. ONLY discard or recycle according to local authority regulations.
 - x **WARNING! DO NOT** allow a leaking battery to contact your person. In case of contact with battery liquid take the following immediate action:
 - a) Skin contact: Wash immediately with cool, clean running water for at least 15 minutes.
 - b) Eye contact: If acid enters eye, flush eye immediately with cool, clean running water for at least 15 minutes and seek immediate medical attention.

2. INTRODUCTION

Nut busting torque of up to 1000Nm(738lb.ft). Variable speed trigger for greater control. Three selectable speed settings. Cast aluminium gearbox. Double injection body with rubber grips for added comfort. Fitted with electronic brake. LED Work light illuminates work area when trigger is pressed. Supplied in storage case with 4Ah Li-ion battery and 2 hour mains charger.

3. SPECIFICATION

Model Number.....	CP1812
Replacement Battery.....	CP1812BP
Battery	18V 4Ah Li-ion
Drive	1/2" Sq
No Load Speed	0-900/0-1400/0-1750rpm
Impact Rate.....	0-1050/0-1650/0-2050bpm
Maximum Torque.....	1000Nm (738lb.ft)
Noise Power.....	db(A)
Noise Pressure	db(A)
Vibration.....	15.3m/s ²
Uncertainty.....	1.5m/s ²

4. OPERATION

IMPORTANT WARRANTY INFORMATION:

The battery pack fitted to this cordless tool is considered to be a consumable item and its ability to accept charge will reduce over time. We will warranty it against mechanical and electrical defect for a period of one year - this does not cover fair wear and tear. If the battery is not properly charged before first use, or regularly conditioned, its capacity will diminish. Under these circumstances we will not replace the battery pack even if it is less than one year old.

Remove battery pack from case and charge as below:

4.1. REMOVING/INSTALLING BATTERY PACK

- ☐ **WARNING! DO NOT** touch metal terminals.
- 4.1.1. To remove the battery from the wrench, press the release button on the front of battery pack.
 - ☐ **WARNING! DO NOT** use force when inserting the battery pack. If it does not slide in easily then it is not being inserted correctly.
 - ☐ **WARNING!** Ensure you read, understand and apply safety instructions before use.

4.2. CHARGING THE BATTERY PACK

- 4.2.1. Slide the battery pack into the charger.
- 4.2.2. Plug the charger into the mains supply. A steady red light will show.
- 4.2.3. The red charging light will come on. The red light goes out and the green one comes on when charged.
- 4.2.4. After charging, unplug the charger from the power source.

4.3. BATTERY CHARGE LEVEL INDICATORS

- 4.3.1. Press the button on the battery to display the charge level, red low charge, amber through to green, charged.

4.4. USING THE WRENCH

- 4.4.1. 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.
- 4.4.2. Fit the socket to the wrench by snapping it on.
- 4.4.3. Fit the battery pack to the wrench.
- 4.4.4. Select the required direction of rotation. To change direction, push Forward/Reverse Selector (fig.1) to the left or right. Familiarise yourself with this operation before use. **DO NOT** attempt to change the direction of rotation whilst trigger is depressed.

4.5. FORWARD SPEED SELECTION

- 4.5.1. The speed is changed by selecting clockwise direction. Then scroll through the 3 forward speeds using the button. Green lights show speed selected, fig.1.
- 4.5.2. When tightening, release the trigger as soon as the impact sound is heard. Take care not to over-torque small fixings.
 - NOTE!** For critical fixings such as wheel nuts always use a calibrated torque wrench according to the vehicle manufacturer's, or product, guidelines.
- 4.5.3. When the wrench is not in use, lock the trigger off by placing the forward/reverse switch in the middle position.



5. MAINTENANCE

5.1. CLEANING

Keep the outer case of the wrench clean. **DO NOT** wash with water or use solvents or abrasives. Use a damp cloth.

5.2. STORAGE

When not in use, store in a cool, dry, secure location not accessible to children.

☐ **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.

Measured vibration emission value (a): 11.519m/s²

Uncertainty value (k): 1.5m/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.



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.



BATTERY REMOVAL

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.

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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