

CORDLESS IMPACT WRENCH 19.2V 1/2"sq DRIVE SUPER TORQUE CONTROL 400lb.ft

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. GENERALSAFETY

- ✓ 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.
- ✓ 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.
- x **DO NOT** operate the wrench if any parts are missing as this may cause failure and/or personal injury.
- x **DO NOT** use the wrench unless you have been instructed in its use by a qualified person.
- x **DO NOT** operate the wrench where there are solvent fumes or flammable gases, liquids or solids.
- x **DO NOT** leave the wrench operating unattended.
- x **DO NOT** carry wrench with your finger on the trigger. Keep direction switch in 'locked' position when not in use.
- x **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).

1.2. BATTERY SAFETY INSTRUCTIONS

- ☐ **WARNING!** The battery pack contains nickel-cadmium which is dangerous. It must therefore be handled with care.
- ✓ 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 wrench) in locations where the temperature may exceed 104°F (40°C) e.g. in outside sheds, above heaters etc.
- ☐ **WARNING!** Dispose of spent battery pack correctly as it contains nickel-cadmium.
- ▲ **DANGER! DO NOT** attempt to disassemble 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.
- ☐ **WARNING! DO NOT** allow a leaking battery to contact your person. If you come into contact with battery liquid take the following immediate action:
 - ☐ a) **Skin contact:** Wash immediately with soap and water, then wash in either lemon juice or vinegar.
 - ☐ 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.

1.3. MAINS POWER ELECTRICAL SAFETY (Relating to battery charger)

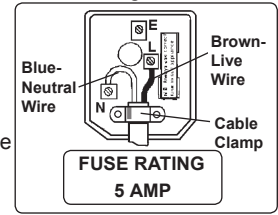
- ☐ **WARNING! It is the user's responsibility to check the following:**
 - You must** check all electrical equipment and appliances to ensure that they are safe before using. **You must** inspect power supply leads, plugs and all electrical connections for wear and damage. **You must** ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD with portable products that are plugged into a supply not protected by an RCCB. If in doubt consult a qualified electrician. You may obtain an RCD by contacting your local Sealey dealer.
 - You must** also read and understand the following instructions concerning electrical safety.
- 1.3.1. The **Electricity At Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified person, using a Portable Appliance Tester (PAT), at least once a year.
- 1.3.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of the appliance and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.3.3. DO ensure that the insulation on all cables and the product itself is safe before connecting to the mains power supply. See 1.3.1. above and use a Portable Appliance Tester (PAT).
- 1.3.4. DO ensure that cables are protected against short circuit and overload.
- 1.3.5. DO regularly inspect power supply leads, plugs and sockets for wear, damage or loose connections.


- 1.3.6. DO check that the voltage marked on the product is the same as the power supply to be used and check the plug is fitted with the correct capacity fuse (see right).
- 1.3.7. **DO NOT** pull or carry the appliance by the cables.
- 1.3.8. **DO NOT** pull the plug from the socket by the cable.
- 1.3.9. **DO NOT** use worn or damage leads, plugs or connections. Immediately replace, or have repaired, by qualified electrician.

A U.K. 3 pin plug with ASTA/BS approval is fitted. In case of damage, cut off and fit a new plug according to the following instructions (UK only - see diagram right).

Ensure that the double insulated charger is correctly connected via a three-pin plug, as follows:

- Connect the Brown live wire to live terminal 'L'.
- Connect the Blue neutral wire to the neutral terminal 'N'.
- After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends past the cable clamp and that the clamp is tight. **Note that the earth pin 'E' remains unconnected.**



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.

1.4. BATTERY CHARGER SAFETY INSTRUCTIONS

WARNING! DO NOT attempt to charge any battery other than that supplied for the wrench. Other types of batteries may explode!

- ✓ All mains electrical supply safety features must be followed as described in 1.3. above.
- ✓ Disconnect the charger from the mains supply when not in use.
- ✗ **DO NOT** charge battery if room temperature is below 41°F (5°C) or above 104°F (40°C)
- ✗ **DO NOT** expose the charger to damp or wet conditions.
- ✗ **DO NOT** pull or carry the charger by the power lead.
- ✗ **DO NOT** operate the charger if it has been dropped, or has received a sharp knock, or is damaged. Take the charger to an authorised agent for repair or obtain a replacement.
- ✗ **DO NOT** dismantle the charger as this may cause damage and/or personal injury and will invalidate the warranty.
- ✗ **DO NOT** insert foreign objects or material into the hole reserved for the battery pack.
- ✗ **DO NOT** recharge a second battery pack immediately after charging the first. Consecutive charging will overheat the charger. Allow the unit to cool for 15 minutes before charging the next pack.
- ✓ Store the charger in the same manner as battery pack in paragraph 1.2.

2. INTRODUCTION & SPECIFICATION

The most powerful cordless impact wrench in the Sealey range. Six torque settings with a maximum of 5500kg.cm (400lb.ft) - enough to remove the most stubborn wheel nut. Forward and reverse control integrated into housing for ease of use. Suitable for workshop, body shop and tyre shop applications. Features replaceable motor brushes and includes 19.2Volt 2Ah Ni-Cad battery pack and charger.



Fig.1

Battery:	19.2V
Drive Size:	1/2" Sq
No-Load Speed:	1800rpm
Torque Settings:	6
Torque Range:850-5500kg.cm/60-400lb.ft
Impact Rate:	2200bpm
Weight:	3.2kg
Charge Time:	1hr
Battery Pack:	19.2V 2Ah (Model No. CP3004BP)
Sound Power:	80.12dB
Sound Pressure:	69.12dB

3. OPERATING INSTRUCTIONS

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:

3.1. Removing/Installing Battery Pack.

WARNING! Do not touch metal terminals.

3.1.1. To remove the battery from the wrench, press the release button on the top of battery pack (Fig.2), withdraw pack from wrench (Fig.2).

3.1.2. The battery pack may be fitted to the wrench either way around to assist working in tight spaces.

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.

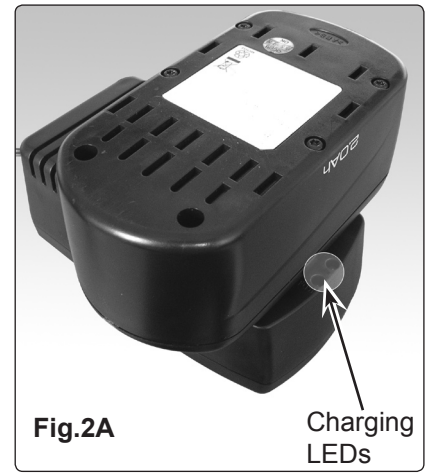
3.2. Charging Battery Pack.

NOTE! If you try to charge a battery pack that has just been used the charging light may not come on. If this occurs, let the pack cool for a while, then re-insert and try to charge again. If you try to charge a battery that is new or been inactive for a long period, it may not accept a full charge. This is normal and after a couple of charges the battery will accept a full charge. If you wish to charge two battery packs, allow fifteen minutes between charging to allow the charger to cool, after three consecutive charges allow one hour to cool before further use.



Fig.2

- 3.2.1. Plug the charger into the supply.
- 3.2.2. Slide battery pack so that the groove on the battery lines up with the ridge on the charger (battery only fits the charger in one position) and switch on the supply.
- 3.2.3. The red charging light (Fig.2A) will come on and charging will begin. If the charging light goes out too soon, remove the battery pack and allow to cool for two minutes before charging again.
- 3.2.4. If the charging light goes out within a minute even after repeating this procedure a couple of times, then the battery is dead and requires replacing.
- 3.2.5. When the battery light switches to green you may remove the fully charged battery pack.
- 3.2.6. After charging, unplug the charger from the power source.



3.3. USING THE WRENCH

- 3.3.1. 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.
- 3.3.2. Fit the socket to the wrench by snapping it onto the square drive.
- 3.3.3. Fit the battery pack to the wrench.
- 3.3.4. Select the required direction of rotation. To change direction, push Forward/Reverse button (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.

When the wrench is not in use, use the Forward/Reverse button to lock off the trigger by placing the switch in the middle position.

- 3.3.5. When tightening, release the trigger as soon as the impact sound is heard. Take care not to over-torque small fixings.

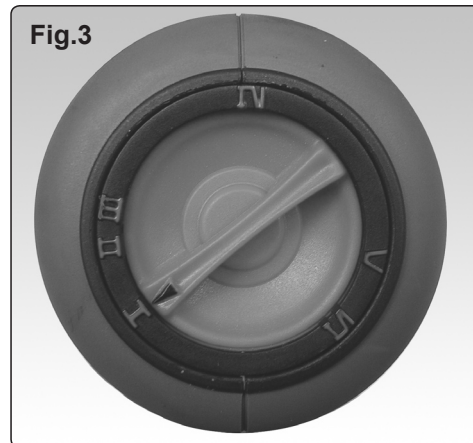
NOTE! For critical fixings such as wheel nuts always use a calibrated torque wrench according to the vehicle manufacturer's, or product, guidelines.

3.4. TORQUE CONTROL (Fig.3)

- 3.4.1. These torque figures are a guide only, the actual output may differ slightly from given figures due to different materials, grease condition etc.

NOTE! For critical fixings such as wheel nuts always use a calibrated torque wrench according to the vehicle manufacturer's, or product, guidelines.

Setting	Torque
I	80ft.lb/108Nm
II	140ft.lb/190Nm
III	180ft.lb/244Nm
IV	280ft.lb/380Nm
V	350ft.lb/475Nm
VI	400ft.lb/542Nm



4. MAINTENANCE

4.1. CLEANING

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

4.2. CARBON BRUSHES

If the wrench performance starts to degrade over a long period of time, check the brushes. When new the brush length is 11mm, if they are less than 4mm the carbon brushes require replacement.

- 4.2.1. To replace brushes, unscrew the brush cap (Fig.4) extract the old brush (Fig.5). Replace with a new one (Fig.6).

- 4.2.2. Repeat the process on the other side.

NOTE! Always replace brushes as a pair. Part No. CP3004.16.

For any other service or maintenance, contact your authorised service agent.



Fig.4

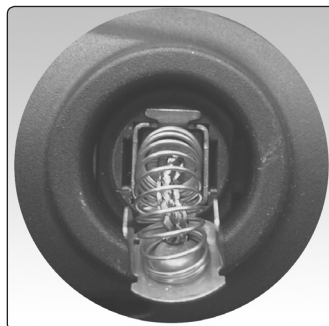


Fig.5



Fig.6

Fig.7

Fitting Battery Protector

Press To Remove Battery Protector



4.3. BATTERY PROTECTOR

4.3.1. When the wrench is not in use, remove the battery and cover the terminals with the protector (Fig.7) to prevent short circuit.

Risk of Hand Arm Vibration Injury

CP3004 Impact Wrench: When operated in accordance with these instructions and tested in accordance with EN 28662-2: 1994 results in the following vibration emission declared in accordance with BS EN12096: 1996.

Measured vibration emission value:0.5m/s²
Uncertainty:0.19m/s²

These values are suitable for comparison with emission levels of other tools that have been subject to the same test. This tool may cause hand-arm vibration syndrome if its use is inadequately managed.

Recommended Measures to reduce risk of hand-arm vibration syndrome:

This item represents a low Hand Arm Vibration risk to users. The calculated maximum usage period exceeds 8 hours. We recommend appropriate safety equipment is utilised and regular breaks for the operator are employed to reduce any residual risk of fatigue or repetitive strain injury.

Environmental Protection



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



When the product is no longer required, it must be disposed of in an environmentally protective way.



Rechargeable battery contains nickel cadmium (NiCad). It is recyclable. Take to your local recycling centre to be disposed of properly. Do not incinerate NiCad battery as it may explode when exposed to fire. Do not attempt to open battery pack.

Battery Removal

- For battery removal refer to section 3.1
Dispose of batteries according to local authority guidelines.

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 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,
Kempson Way, Suffolk Business Park,
Bury St. Edmunds, Suffolk,
IP32 7AR



01284 757500



www.sealey.co.uk



01284 703534



sales@sealey.co.uk