CORDLESS IMPACT WRENCH 18V 3AH LI-ION 1/2” SQUARE DRIVE

MODEL No’s: **CP400LI, CP400LIHV**

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 ear protection | Wear protective gloves | Wear a mask | Wear protective footwear

1. SAFETY

1.1. ELECTRICAL SAFETY (In relation to the battery charger)

❑ **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.
If the product 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.

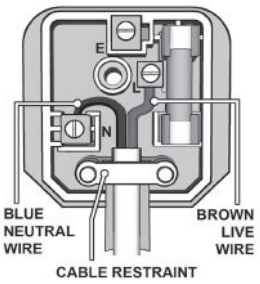
1.1.3. **Important**: Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.

× **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.

1.2. This product is fitted with a BS1363/A 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 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.



RECOMMENDED
FUSE RATING: 5AMP

× **DO NOT** connect either wire to the earth terminal.

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

1.3. 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. Check moving parts for alignment on a regular basis.

✓ 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 locked 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 inserted into 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 owing 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.

× **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.

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× **DO NOT** operate the wrench when you are tired or under the influence of alcohol, drugs or intoxicating medication.
× **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 40°C (104°F).

1.4. BATTERY SAFETY INSTRUCTIONS

✓ 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.
× **DO NOT** charge the battery pack when room temperature is below 10°C (50°F) or above 40°C (104°F).
× **DO NOT** attempt recharging the pack by means of an engine generator or a DC power source.
× **DO NOT** short-circuit the battery pack by touching both terminals at the same time with a metal object, or your fingers etc.
× **DO NOT** store battery pack or wrench in locations where the temperature may exceed 40°C (104°F).

1.5. 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, section 1.1.
✓ Disconnect the charger from the mains supply when not in use.
× **DO NOT** charge battery if room temperature is below 10°C (50°F) or above 40°C (104°F).
× **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.
× **DO NOT** attempt to connect two chargers together.
✓ Store the charger in the same manner as the battery pack.

2. INTRODUCTION

Variable speed trigger for greater control. Cast aluminium gearbox with rubber gearhead cover. Thermal overload protection. Double injection body with rubber grips for added comfort. Produces torque of up to 550Nm(406lb.ft). Fitted with electronic brake. All metal gear construction for ultimate durability and performance. LED worklight illuminates work area when trigger is pressed. Supplied in storage case with 3Ah lithium-ion battery and 80 minute mains charger.

3. SPECIFICATION

MODEL NO: **CP400LI/CP400LIHV**
Battery: ..... 18V 3Ah Lithium-ion
Breakaway Torque: ..... 550Nm(406lb.ft)
Drive: ..... 1/2”Sq
Fastening Torque: ..... 420Nm(310lb.ft)
Impact Rate: 0-2700bpm
Noise Power/Pressure: ..... 93/82dB(A)
No-Load Speed: 0-2200rpm
Power Supply Cable Length: 1.9m
Vibration/Uncertainty: 8.93/1.5m/s²

4. BATTERY

4.1. CHARGING THE BATTERY PACK

4.1.1. Remove the battery pack from the wrench, by depressing the release clip (fig.1.5).
❑ **WARNING! DO NOT** touch metal terminals.
4.1.2. Place wrench in carry case and remove the battery charger.
4.1.3. Connect the charger to the mains electricity supply. The green LED will light continuously until a battery is inserted.
4.1.4. The battery pack has the positive (+) and negative (-) terminals marked. Align the battery with its docking point and insert it into slot.
NOTE: The battery pack is designed so that it will only enter the charger unit the correct way.
When placed in the charger, a very slight downward pressure will seat the pack firmly into the power terminals.
4.1.5. When a battery is inserted correctly, the chargers red charge light will show a steady illuminated aspect whilst the battery is charging. When fully charged the light will show green.
4.1.6. The battery charge level can be queried by pressing the button to the right of the three LEDs on its the rear face. If fully charged, all three LEDs will light.
4.1.7. **NOTE:** When new, the battery pack will have been shipped in a low charge state. It will take longer to charge initially, and several subsequent charges may also take a little longer than when the battery pack reaches its optimum performance. Afterwards, normal charging time is approximately 80 minutes.
4.1.8. After removing the battery by depressing the release clip (fig.1.5), disconnect the charger from the mains supply and store in the carry case.

❑ **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 guarantee 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 above.

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5. OPERATION



fig.1

KEY:
1.1 1/2” Square Drive
1.2 Work light
1.3 Trigger
1.4 Direction Control
1.5 Battery Release Clip

❑ **WARNING!** Ensure that you read, understand and apply the safety instructions before use.

5.1. USING THE WRENCH

5.1.1. 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.

5.1.2. Fit the socket to the wrench by snapping it onto the square drive (fig.1.1).

5.1.3. Fit the battery pack to the wrench by aligning the tongue on the battery with the groove in the housing and slide it into place. Ensure that the battery pack is firmly located, you will hear an audible click when it has locked into position.

5.1.4. Select the required direction of rotation. To change direction, push switch (fig.1.4) to the left or right. Familiarise yourself with this operation before use. **DO NOT** attempt to change the direction of rotation whilst the trigger (fig.1.3) is depressed.
When the wrench is not in use, use the same switch to lock off the trigger by placing the switch in the middle position.

5.1.5. When tightening, release the trigger as soon as the impact sound is heard. Take care not to 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.

6. MAINTENANCE

6.1. CLEANING

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

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): 8.93m/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 HSE website
www.hse.gov.uk - Hand-Arm Vibration at Work.

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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.

REGISTER YOUR PURCHASE HERE

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.

Li-ion

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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