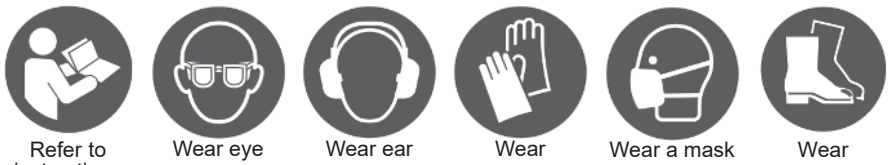
CORDLESS IMPACT WRENCH 18V 3AH LI-ION 1/2 SQUARE DRIVE

MODEL No's: **CP400LIEU, CP400LIHVEU**

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

❑ **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, and all electrical connections for wear and damage.

✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.

× **DO NOT** use worn or damaged cables, or connectors.

✓ Ensure that any faulty item is repaired or replaced immediately by a Sealey qualified technician.

✓ If the cable for charger is damaged during use, switch off the electricity supply and remove from use.

✓ Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.

✓ Remove the battery pack, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

✓ Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Important: Ensure that the voltage rating on the appliance suits the power supply to be used.

× **DO NOT** pull or carry the appliance by the power cable.

× **DO NOT** pull the cable from the socket.

× **DO NOT** expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

× **DO NOT** abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from the heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

1.2. GENERAL SAFETY

❑ **WARNING!** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

❑ **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.

✓ Save all warning and instructions for future reference.

✓ Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situation.

✓ Keep work area clean and well lit. Cluttered or dark area invites accidents.

✓ 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 children and bystanders away whilst operating a power tool. Distractions can cause you to lose control.

✓ Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.

× Children shall NOT play with the appliance.

WORK AREA SAFETY

✓ Remove any impact socket before turning the power tool on. An impact socket left attached to a rotating part of the power tool may result in personal injury.

✓ 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.

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

× Avoid unintentional starting.

× **DO NOT** use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

× **DO NOT** force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

- × **DO NOT** wash with water or use solvents or abrasives, use a damp cloth. For any other service or maintenance, contact your authorised Sealey stockist.
- ✓ Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring {or its own cord}. Fasteners contacting a live wire may make exposed metal parts of the power tool live and could give the operator an electric shock.
- ✓ 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.
- × **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 power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- × **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.
- × **DO NOT** operate the wrench when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ 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).

1.3. 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).
- × **DO NOT** use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

1.4. PERSONAL SAFETY

- ✓ Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool whilst you are tired or under the influence of drugs, alcohol, or medication. A moment inattention whilst operating power tools may result in serious injury.
- ✓ Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, or hearing protection use for appropriate conditions will reduce personal injuries.
- ✓ Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your fingers on the switch or energising power tools that have the switch on invites accidents.
- × **DO NOT** overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- × **DO NOT** let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.
- ✓ Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

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.
- ✓ Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- ✓ When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- × **DO NOT** charge battery if room temperature is below 10°C (50°F) or above 40°C (104°F).
- × **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.

1.6. **RESTRICTIONS OF USE**

1.6.1. Tightening bolts – Impact wrenches are great for loosening bolts, but using them for tightening can lead to overtightening and damage.

1.6.2. Using incompatible sockets – Regular sockets may wear out quickly when used with an impact wrench. Heavy-duty sockets are recommended.

1.6.3. Cross-threading risk – If not aligned properly, an impact wrench can cause cross-threading, which may damage both the tool and the fastener.

1.6.4. Working near sensitive components – Avoid using an impact wrench near delicate machinery, electrical cables, or gas lines to prevent accidental damage.

1.6.5. Ignoring safety precautions – Always check for cracks or damage in the tool and accessories before use, and wear protective gear.

2. INTRODUCTION

Variable speed trigger for greater control. Cast aluminium gearbox with rubber gear head 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:	**CP400LIEU CP400LIHVEU**
Battery:	18V 3Ah Lithium-ion
Breakaway Torque:	550Nm(406lb.ft)
Drive:	1/2Sq
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
Nett Weight:	2.57kg

4. BATTERY TOOL USE AND CARE

4.1. CHARGING THE BATTERY PACK (CP400BP)

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.

4.1.5. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
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.

4.1.6. 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.

4.1.7. 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.

4.1.8. **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.

4.1.9. 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.

4.1.10. 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.

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

❑ **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.

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

✓ 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.

✓ Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts yes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

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

✓ 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.

5.1.1. **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.

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6. MAINTENANCE

6.1. **IF AN IMPACT WRENCH EXPERIENCES AN ACCIDENT OR BREAKDOWN, FOLLOW THESE KEY STEPS:**

6.1.1. Ensure safety first: Turn off the tool, disconnect it from power, and check for any hazards.

6.1.2. Identify the issue: Inspect for mechanical, electrical, or battery-related failures.

6.1.3. Troubleshoot: Try lubrication for jams, check power connections, and stop use if there are overheating or unusual noises.

6.1.4. Handle severe damage properly: Discontinue use, contact the manufacturer for repairs, or dispose of it following electronic waste regulations.

- ✓ The appliance shall be disconnected from its power source during service and when replacing parts.
- ✓ Have your power tool services by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- ✓ Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorised Sealey stockists.

The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another.

The declared vibration total values and the declared noise emission values may also be used in a preliminary assessment of exposure

The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used, especially what kind of workpiece is processed.

The need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual condition of use.

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.



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.



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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