



# INSTRUCTIONS FOR: CORDLESS RATCHET WRENCH 14.4V 3/8"SQ DRIVE

MODEL NO: **CP2144**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and maintained properly, 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



Indoor Use  
Only



Wear Ear  
Protection



Wear Eye  
Protection



Wear Respiratory  
Protection

## 1. SAFETY

### 1.1. 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 due to the possible presence of asbestos dust from brake linings.
- ✓ 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 40°C (104°F).

### 1.2. BATTERY SAFETY INSTRUCTIONS

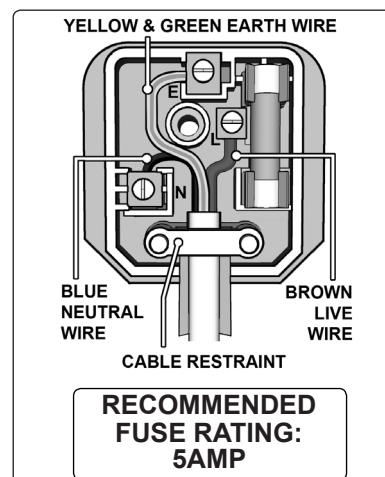
- WARNING!** *The battery pack contains nickel-cadmium, which is dangerous. It must therefore be handled with care.*
- ✓ Charge the battery pack prior to first use. The battery pack will have been shipped in a low charge state.
- ✓ Use only the charger provided to charge the battery pack.
- x **DO NOT** charge the battery pack when room temperature is below 10°C (50°F) or above 40°C (104°F).
- 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 40°C (104°F) e.g. in outside sheds, above heaters.
- 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:** Wash with a strong solution of boric acid and seek immediate medical attention.

### 1.3. MAINS POWER ELECTRICAL SAFETY (In relation to the battery charger)

- WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:**

**You must** check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) be used. It is particularly important to use an RCD with portable products that are plugged into a supply that is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your 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 electrician, 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 those appliances and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.3.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.3.1 and 1.3.2 and use a Portable Appliance Tester.
- 1.3.4. Ensure that cables are always protected against short circuit and overload.
- 1.3.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure none is loose.

- 1.3.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at 1.3.9.
- 1.3.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.3.8. **DO NOT** pull the plug from the socket by the cable.
- 1.3.9. **DO NOT** use worn or damage cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When an ASTA/BS approved UK 3 pin plug is damaged, cut the cable just above the plug and dispose of the plug safely. Ensure that the double insulated charger is correctly connected via a three-pin plug, as
- 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 connected correctly, that the cable outer insulation extends past the cable clamp and that the clamp is tight. Note that the earth pin 'E' remains unconnected.**



**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.
- x **DO NOT** charge battery if room temperature is below 10°C (50°F) or above 40°C (104°F).
- x **DO NOT** expose the charger to damp or wet conditions.
- x **DO NOT** pull or carry the charger by the power lead.
- x **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.
- x **DO NOT** dismantle the charger as this may cause damage and/or personal injury and will invalidate the warranty.
- x **DO NOT** insert foreign objects or material into the hole reserved for the battery pack.
- x **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.
- x **DO NOT** attempt to connect two chargers together.  
Store the charger in the same manner as the battery pack in 1.2.

**2. INTRODUCTION & SPECIFICATION**

Powerful cordless ratchet wrench with hardened steel anvil and twist-reverse mechanism. Finger operated trigger incorporated in housing. Textured soft grip helps reduce vibration. Features built-in LED work light for use in low-light areas. Suitable for workshop applications. Includes 14.4V Ni-Cd battery pack and 1 hour mains charger.

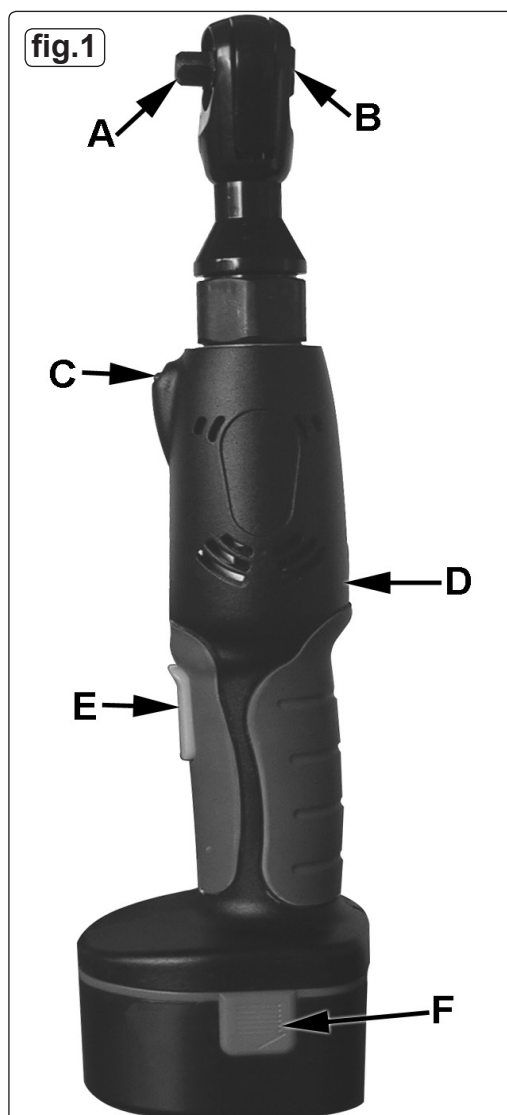
Drive: . . . . .	3/8" Sq
Maximum Torque: . . . . .	.55lb.ft, 75Nm
Weight: . . . . .	1.9kg
Battery Pack: . . . . .	14.4V (Model No. CP2144BP)
Noise Power: . . . . .	89dB.A
Noise Pressure: . . . . .	100dB.A

**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.

**3.1. CHARGING THE BATTERY PACK**

- 3.1.1. Remove the battery pack (fig.1F) from the wrench, by depressing the two side release clips (fig.1F).
  - WARNING! DO NOT** touch metal terminals.
  - 3.1.2. Place wrench in carry case and remove the battery charger.
  - 3.1.3. The battery pack and charger positive (+) and negative (-) terminals are marked. Align the terminals correctly and insert the battery into the 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.
- 3.1.4. Switch on main supply to charger and the red LED will light and the charger will begin charging the battery.
  - 3.1.5. When the red LED goes out and the green LED illuminates, this indicates that charging is complete. The battery pack is now ready for use.
  - 3.1.6. After removing the battery, disconnect the charger from the mains supply and store it in the carry case.
- Note:** The first charge and several subsequent charges will take longer than usual until the battery reaches optimum performance, after that the usual charge time will take approximately 1 hour.



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

### 3.2. USING THE WRENCH

3.2.1. Fit the socket to the wrench by snapping it onto the square drive (fig 1A). **Note: Use only impact grade sockets.**

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

3.2.3. Select the required direction of rotation. To change direction, turn the two way switch (fig.1B) to the left or right. Familiarise yourself with this operation before use. **DO NOT** attempt to change the direction of rotation whilst trigger (fig.1E) is depressed.

3.2.4. If light is dim you can use the built-in LED work light (fig.1C) by pressing the push switch (fig.1D).

3.2.5. When tightening, take care not to over-torque small fixings.

**Note: On critical fixings always check the torque with a torque wrench according to the product or vehicle manufacturer's guidelines.**

## 4. MAINTENANCE

### 4.1. 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 slightly dampened cloth. For any other service or maintenance, contact your authorised service agent.

### 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. Contact your local solid waste authority for recycling information.



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

**Ni-Cd**

Do not attempt to open battery pack.

### Battery Removal



Remove the battery pack from the wrench, by depressing the two side release clips (fig.1F).

**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.



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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.

**Measured vibration emission value (a): . . . . . 2.15 m/s<sup>2</sup>**

**Uncertainty value (k): . . . . . 1.5 m/s<sup>2</sup>**

*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](http://www.hse.gov.uk) - Hand-Arm Vibration at Work.