

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, 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.

1. SAFETY INSTRUCTIONS

Please note: these instructions relate to UK legislation - it is the user's responsibility that the local equivalent legislation is adhered to when using this equipment.

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 in the locked position 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 locked 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 40°C (104°F).



1.2. BATTERY SAFETY INSTRUCTIONS

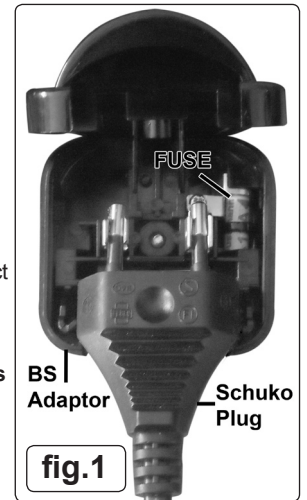
- ❑ **WARNING!** The battery pack contains nickel-cadmium, which is dangerous. It must therefore be handled with care.
- ✓ Charge the battery pack prior to first use. The battery pack will have been shipped in a low charge state.
- ✓ Use only the charger provided to charge the battery pack.
- x **DO 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 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:** 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 adaptor is fitted with the recommended fuse - 5A.
 - 1.3.7. **DO NOT** pull the plug from the socket by the cable.
 - 1.3.8. **DO NOT** use worn or damage cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician.
- Note that the earth pin 'E' remains unconnected.**
- 1.3.9. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If extension reel is to be used outdoors, ensure it is marked for outdoor use.



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.
- ✓ Store the charger in the same manner as the battery pack in 1.2.

2. INTRODUCTION & SPECIFICATION

Powerful, compact, cordless impact wrench with forward, reverse and variable speed trigger control. Produces in excess of 386Nm (285lb.ft) of torque - enough to remove wheel nuts. Balanced tool with detachable side handle, vibration reducing grip and aluminium alloy impact housing. Supplied with two 19.2Volt Ni-Cad battery packs and 1 hour mains charger.

No-Load Speed:	1600rpm
Impact Rate:	2200bpm
Maximum Torque:	285lb.ft / 386Nm
Drive Size:	½" Sq
Weight:	3.1kg
Noise Power:	88dB.A
Noise Pressure:	99dB.A
Battery Pack:	Model No: CP1950BP



3. OPERATING INSTRUCTIONS

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.

3.1. BS ADAPTOR

- 3.1.1. The battery charger is supplied with a European standard Schuko plug. To use the battery charger in the UK the BS Adaptor must be used.
- 3.1.2. Open up the adaptor and insert the Schuko plug (fig.1). Ensure its fully inserted into the connectors.
- 3.1.3. Close the adaptor around the plug, to secure the adaptor to the plug tighten the screw in the middle of the adaptor.

3.2. CHARGING THE BATTERY PACK

- 3.2.1. Remove the battery pack (fig.2.4) from the wrench, by depressing the two side release clips (fig.2.5).
- ❑ **WARNING! Do not touch metal terminals.**
- 3.2.2. Place wrench in carry case and remove the battery charger.
- 3.2.3. The battery pack and charger have the positive (+) and negative (-) terminals marked. Align the correct terminals and insert the battery into slot (fig.3).
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.
- 3.2.4. Switch on mains supply to charger, after 3 seconds the charging will automatically commence and the red LED will illuminate and the green LED will flash.
- 3.2.5. When the fast charge is complete the red LED will go out and the green LED will be constant to indicate the battery pack is fully charged and now ready for use.

Note: The charge time is approximately 1 hour (after the initial charges).

3.2.6. After removing the battery, disconnect the charger from the mains supply and store in the carry case.

Note: Refer to the 'Charging Guide' (fig.3) on the charger for quick reference on the state of the battery and charger.

- ❑ **WARNING!** If the red LED is flashing and the green LED is off, this indicates the battery needs to be inspected for fault.
- ❑ **WARNING!** If the red and green LED are flashing the battery and charger are overheating.



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

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 (fig.2.1).
- 3.3.3. 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, there is an audible click when it has locked into position.
- 3.3.4. Select the required direction of rotation. To change direction, push switch (fig.2.2) to the left or right as required. Familiarise yourself with this operation before use. **DO NOT** attempt to change the direction of rotation whilst trigger (fig.2.3) 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.
- 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: On critical fixings always check the torque, using a torque wrench, according to the product or vehicle manufacturer's guidelines.

- 3.3.6. To affix the handle, loosen the handle grip and slide over the wrench housing. Move the handle to the desired position and screw the handle grip clockwise to tighten.

4. MAINTENANCE

4.1. CLEANING

- 4.1.1 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.
- 4.1.2 For any other service or maintenance, contact your authorised Sealey service agent.

Risk of Hand Arm Vibration Injury

Cordless Impact Wrench, Model No. CP1950 when operated in accordance with these instructions and tested in accordance with BS EN 28662-1:1993, ISO 8662-1:1988 and BS EN ISO 28927-2:2009 results in the following vibration emission declared in accordance with BS EN 12096:1996.

Measured vibration emission value: 17.69 m/s²

Uncertainty: 1.50 m/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 tool should not be used by an individual regularly for more than 20 minutes and 30 seconds in any 8 hour period.

This duration of use should be reduced if the individual is exposed to hand-arm vibration from other sources.

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.

Battery Removal.



WARNING! Do not touch metal terminals.

Remove the battery pack (fig.2.4) from wrench, by depressing the two side release clips (fig.2.5).

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.



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