12V SV12 SERIES 3/8”SQ DRIVE IMPACT WRENCH KIT - 2 BATTERIES

MODEL NO: **CP1204KIT.V2**

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 protective gloves | Wear ear protection | Wear a mask

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, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey stockist.
If the 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.

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

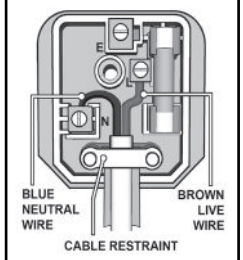
✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.

✓ 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.
This product is fitted with a BS1363/A 3 Amp 3 pin plug.
If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
Replace a damaged plug with a BS1363/A 3 Amp 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:
3A

× **DO NOT** connect either wire to the earth terminal.
Sealey recommend that repairs are carried out by a qualified electrician.

1.2. BATTERY CHARGER SAFETY INSTRUCTIONS

❑ **WARNING! DO NOT** use the charging base to charge any battery other than that required for the tool. Other types of batteries may explode!

✓ Inspect the plug, cable and the charging base for wear and damage to ensure items are safe before connecting to the mains power supply. If worn or damaged **DO NOT** use, immediately replace, or contact a qualified electrician.
Check cables are always protected against short circuit and overload. Uncoil the power cable between the plug and the charging base before use.

× **DO NOT** pull or carry the charging base by the charger power lead, or pull the plug from the mains socket by the power lead.

× **DO NOT** use any other type of transformer with the charging base.

× **DO NOT** try to open or dis-assemble the plug or charging base.

× **DO NOT** use the plug to power any other electrical item.

✓ Disconnect the charging base from the mains power supply when not in use.

× **DO NOT** expose the charging base to damp or wet conditions (for indoor use only).

× **DO NOT** operate the charging base if it has been dropped, or has received a sharp knock, or is damaged. Contact an authorised service agent.

× **DO NOT** dismantle the charging base as this may cause damage or personal injury and will invalidate your warranty.

× **DO NOT** insert foreign objects or material into the slot reserved for the battery.

× **DO NOT** immediately charge a second battery. Consecutive charging will overheat the charging base. Allow the unit to cool for 15 minutes before charging the next battery.

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

✓ Ensure that cables are always protected against short circuit and overload.

× **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item replaced by a qualified electrician.

1.3. BATTERY SAFETY PRECAUTIONS

❑ **WARNING!** Batteries contains Lithium-ion which is dangerous. Handle with care to avoid damage, fire, corrosion or personal injury.

✓ Charge battery prior to its first use. The battery will have been shipped in a low charge state. To reduce the risk of burns or fire:

- × **DO NOT** attempt to open, disassemble, modify or service the battery pack.
- × **DO NOT** crush, puncture, short external contacts or dispose of in fire or water.
- × **DO NOT** expose to temperatures above 40°C (104°F).
- ✓ Use only the charging base to charge the SV12 series batteries.
- ❑ **WARNING!** Dispose of spent batteries correctly as they contain Lithium-ion. **DANGER! DO NOT** attempt to disassemble the battery. 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 pers

1.4. IMPACT WRENCH SAFETY INSTRUCTIONS

- ✓ Maintain the Impact Wrench and battery in good condition. Check moving parts 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 Impact Wrench is switched off before installing the battery pack.
- ✓ Keep the Impact Wrench and charger clean for best and safest performance.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.
- ✓ Evaluate your working area before using the Impact Wrench; e.g. ceilings, floors and enclosures may contain electrical items or water piping
- ✓ Ensure battery pack is correctly inserted into the Impact Wrench handle and latched in place before attempting to switch on Impact Wrench.
- ✓ Secure loose work pieces with a clamp, vice or other adequate holding device.
- ✓ Avoid unintentional starting.
- ✓ Wear approved safety eye protection (standard spectacles are not adequate).
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-skid shoes.
- ✓ Be aware that this Impact Wrench does not need to be plugged into the mains power.
- ✓ Keep direction switch in the locked position until the Impact Wrench is required for use.
- ✓ Keep children and unauthorised persons away from the working area.
- × **DO NOT** use the Impact Wrench where there are flammable liquids, solids or gases, such as paint solvents, etc.
- × **DO NOT** allow children to operate the Impact Wrench.
- × **DO NOT** operate the Impact Wrench if any parts are missing as this may cause failure and/or personal injury.
- × **DO NOT** hold unsecured work piece in your hand.
- × **DO NOT** leave the Impact Wrench operating unattended.
- × **DO NOT** carry the Impact Wrench with your finger on the power switch. Keep direction switch in the locked position.
- × **DO NOT** use the Impact Wrench for a task it is not designed to perform.
- × **DO NOT** operate the Impact Wrench when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- × **DO NOT** get the Impact Wrench or battery charger wet or use in damp or wet locations.

2. INTRODUCTION

Compact, lightweight cordless impact wrench. Comfortable composite housing with soft grip to reduce vibration. Variable speed control trigger with lock function gives more control during application. All metal gear construction for ultimate durability and performance. Integrated LED battery level indicator and LED worklight. Belt hook for safer storage while not in use. Lithium-ion batteries give an all-round better performance than standard Ni-Cd/Ni-MH cells. Maintains a higher energy density level (generally twice that of a Ni-Cd cell) giving more battery power per gram. Has a flat discharge curve - performing better for longer. No memory effect - these batteries can recover from a deep discharge with no tendency to reduce overall capacity. Supplied with 1 hour mains charger, 2 x Lithium-ion 1.5Ah batteries and canvas storage bag.



fig.1

3. SPECIFICATION

Model No:	CP1204KIT.V2
Battery CP1200BP x2:	12V 1.5Ah Li-ion
Drive:	3/8” Sq
Impact rate:	0-3500bpm
Max. torque:	80Nm (58lb.ft)
No load speed:	0-2500rpm
Noise power/pressure:	105/94dB(A)
Vibration Value/uncertainty:	13.77/1.5m/s²
Mains Charger:	CP1200MC
Mains Charger output /supply	12V DC/ 230V AC-50HZ

4. CONTENTS

4.1. Impact Wrench 3/8”Sq Drive 80Nm 12V SV12 Series Lithium-ion.
4.2. Power Tool Battery 12V 1.5Ah Lithium-ion for SV12 Series (x2).
4.3. Battery Charger 12V Lithium-ion for SV12 Series.
4.4. Canvas Tool Storage Bag for SV12 Series.



fig.2

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5. OPERATION

5.1. USING THE WRENCH

Fit the socket to the wrench by snapping it onto the square drive. **NOTE:** Use only impact grade sockets.

5.1.1. 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, A click will be heard when it has locked into position.

Select the required direction of rotation. To change direction, turn the direction control (fig.1) to the left or right. **DO NOT** attempt to change the direction of rotation whilst trigger is depressed.

5.1.2. Speed can be controlled by varying the finger pressure on the trigger. Initial pressure will switch on the worklight.

5.1.3. 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 guideline.

6. BATTERY CHARGING

NOTE: When new, the batteries will have been shipped in a low charge state. Fully charge the batteries before using your tool.

6.1. To remove the battery from the equipment, depress the spring loaded button on the battery pack. Remove the battery pack by sliding out. **DO NOT** touch the metal battery terminals.

6.2. The battery is designed to fit into the charger one way only. Insert the battery fully and firmly to seat the battery into the charging base.

6.3. Take the base charger and plug it into the mains, switch on the power and the LED on the charger will illuminate.

6.4. When the battery is on charge the red LED on the charger will illuminate.

6.5. When the green LED on the Charger illuminates permanently the battery is fully charged.

6.6. Remove the battery from the charger. Switch off and remove the plug from the mains.

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): 13.77 m/s²
Uncertainty value (k): 1.5 m/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 HSC 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.

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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.
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.

Jack Sealey Ltd t/a Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
Jack Sealey (EU) Ltd t/a Sealey Group, Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
Tel: 01284 757500 ▪ **Email:** sales@sealey.co.uk ▪ **Web:** www.sealey.co.uk

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