



## 3/8"SQ DRIVE POWER SPEED RATCHET

## 1/2"SQ DRIVE POWER SPEED RATCHET

MODEL NO'S: **SPR001, SPR002**

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 safety footwear



Wear protective clothing

### 1. SAFETY

#### 1.1. ELECTRICAL SAFETY

USE ONLY THE SUPPLIED MAINS CHARGER PLUG FOR CONNECTING TO THE MAINS POWER SUPPLY.

- WARNING!** It is the user's responsibility to read, understand and comply with the following electrical instructions: You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products, particularly portable equipment which is plugged into an electrical supply not protected by an RCCB. You must also read and understand the following instructions concerning electrical safety.

##### 1.1.1. **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).

The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of the appliance and the safety of the appliance operator. If in any doubt about electrical safety, contact a qualified electrician.

Inspect the charger plug, cable and connector for wear and damage to ensure items are safe before connecting to the mains power supply. If worn or damaged **DO NOT** use.

- ✓ Check cables are always protected against short circuit and overload.
- ✓ Important: Uncoil the cable between charger and the floodlight.
- ✗ **DO NOT** pull the charger plug from the mains socket by the lead.
- ✗ **DO NOT** use any other type of charger with this product.
- ✗ **DO NOT** try to take the charger plug apart.
- ✗ **DO NOT** use the charger plug to charge or power any other electrical item.
- ✗ **DO NOT** get the charger wet, or use in wet, damp conditions (for indoor use only).
- WARNING! NEVER** substitute a standard 13Amp 3 pin plug, or any other type of plug, for the charger plug.

#### 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!** Battery 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).

- ✓ Replace only with the battery pack designated for this product.
  - ✓ Use only the supplied charging base provided to charge the battery.
  - ✗ **DO NOT** attempt recharging the battery by means of an engine generator or a DC power source.
  - ☐ **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 person.
- 1.4. GENERAL SAFETY**
- ✓ Maintain the Ratchet 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 Ratchet Wrench is switched off before installing the battery pack.
  - ✓ Keep the Ratchet 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 Ratchet Wrench; e.g. ceilings, floors and enclosures may contain electrical items or water piping.
  - ✓ Ensure battery pack is correctly inserted into the Ratchet Wrench handle and latched in place before attempting to switch on Ratchet 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.
  - ✓ Keep children and unauthorised persons away from the working area.
  - ✗ **DO NOT** use the Ratchet Wrench where there are flammable liquids, solids or gases, such as paint solvents, etc.
  - ✗ **DO NOT** allow children to operate the Ratchet Wrench.
  - ✗ **DO NOT** operate the Ratchet 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 Ratchet Wrench operating unattended.
  - ✗ **DO NOT** carry the Ratchet Wrench with your finger on the power switch. Keep switch lock in the locked position.
  - ✗ **DO NOT** use the Ratchet Wrench for a task it is not designed to perform.
  - ✗ **DO NOT** operate the Ratchet Wrench when you are tired or under the influence of alcohol, drugs or intoxicating medication.
  - ✗ **DO NOT** get the Ratchet Wrench or battery charger wet or use in damp or wet locations.

## 2. INTRODUCTION

The Sealey Speed Ratchet combines the high torque of a traditional hand ratchet with the faster efficiency of an electric power tool, providing working speeds 10-20 times quicker when tightening/loosening fasteners. No load speed 200rpm saving the time and fatigue of a traditional hand ratchet wrench. The clutch mechanism is designed so that when the maximum torque is reached (1Nm/0.74ft/lb) a tactile vibration indicates to change over to manual mode for continued tightening or loosening of fasteners. Includes a rechargeable lithium-ion battery, full recharge in just 45 minutes and is fully protected from over-charge, over-discharge or over-heating. Ultra smooth 60-tooth ratchet action, twist-reverse and quick release with spring-ball socket retention, power button with LED indicator and locking switch. Fitted with a contoured, soft grip handle. Supplied with AC adaptor, charging base and storage case.

## 3. SPECIFICATION

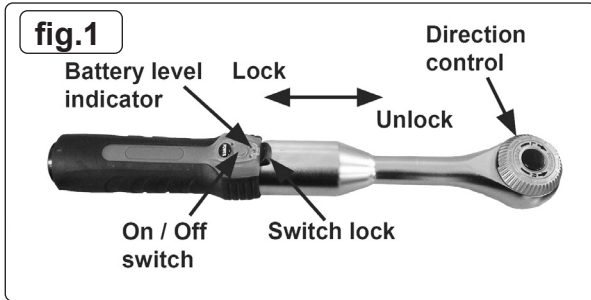
Model no ..... SPR001  
 Battery ..... 3.6V 2000mAh Li-ion  
 Drive ..... 3/8"sq.  
 Max. torque ..... 244Nm (manual) 1Nm (electric)  
 Overall length ..... 295mm

Model no ..... SPR002  
 Battery ..... 3.6V 2000mAh Li-ion  
 Drive ..... 1/2"sq.  
 Max. torque ..... 610Nm (manual) 1Nm (electric)  
 Overall length ..... 315mm

## 4. OPERATION

- ☐ **WARNING:** Remove battery before maintenance is carried out.
  - NOTE:** When new, the batteries may have been shipped in a low charge state. Fully charge the batteries before using your tool.
- 4.1.** Ensure that you have read, understood and comply with all the safety instructions in Section 1.
- 4.2. BATTERY CHARGER**
- 4.2.1.** To remove the battery from the equipment, depress the spring loaded tabs on the sides of the battery. Remove the battery by sliding it out. **DO NOT** touch the battery terminals.
- 4.2.2.** 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.
- 4.2.3.** Take the base charger and plug it into the mains, switch on the power and the red LED on the charger will illuminate.
- 4.2.4.** The battery has 3 LED charge level indicators that show full or partial charges levels.
- 4.2.5.** When the battery is on charge the red LED on the charger will flash intermittently.
- 4.2.6.** When the green LED on the charger illuminates permanently the battery is fully charged.
- 4.2.7.** When both green and red LEDs flash the battery is not charging. Replace battery.
- 4.2.8.** Remove the battery from the charger. Switch off and remove the plug from the mains.
- 4.2.9.** Relocate battery into tool ensuring correct alignment. **DO NOT** force the battery in.

4.3. RATCHET



Battery level indicator light	
Continuous green	Power status normal, battery 50 - 100%
Continuous blue	Power status normal, battery 20 - 50%
Flashing blue	Charging required, battery at 5 - 20%
Continuous red	Charging required, battery <5%
Flashing red	Over current protection active. Auto shut off
Flashing green	Over temp. protection active. Auto shut off
	Battery pack temp. exceeded discharge rate.

- 4.3.1. Attach the required socket to the tool and set the direction of rotation according to the task being undertaken (fig.1).
- 4.3.2. The ratchet can be used in both powered and manual modes. When the switch lock is pushed backwards into the handle, the on/off switch is disabled and the ratchet can be used in manual mode.  
**NOTE:** The motor has over-torque protection in which a clutch mechanism activates a tactile vibrating response in the unit. This alerts the user to switch to manual mode (i.e. push switch lock rearwards).
- 4.3.3. The battery state, whilst in use, is indicated by the battery level indicator (fig.1 and the table above).

**5. MAINTENANCE**

- WARNING:** Always disconnect the battery before carrying out any inspection, maintenance or cleaning.
- 5.1. GENERAL INSPECTION**
  - 5.1.1. Regularly check that all features are in working order.
- 5.1.2. CLEANING**
  - WARNING:** Always wear protective equipment including eye protection and gloves when cleaning this tool.
  - 5.1.3. Keep your tool clean at all times. Dirt and dust will cause internal parts to wear quickly and shorten the device's service life.
  - 5.1.4. Clean the body of your machine with a soft brush, or dry cloth.
  - 5.1.5. Never use caustic agents to clean plastic parts. If dry cleaning is not sufficient, a mild detergent on a damp cloth is recommended.
  - 5.1.6. Water must never come into contact with the tool. Ensure the tool is thoroughly dry before using it.
  - 5.1.7. If available, use clean, dry compressed air to blow through the ventilation holes (where applicable).
- 5.2. LUBRICATION**
  - 5.2.1. Lightly lubricate all moving parts at regular intervals with a suitable lubricant.
- 5.3. STORAGE**
  - 5.3.1. Store this tool carefully in a secure, dry place out of the reach of children.

**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): . . . . . 1.263 m/s<sup>2</sup>  
 Uncertainty value (k): . . . . . 0.618 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 HSC website [www.hse.gov.uk](http://www.hse.gov.uk) - Hand-Arm Vibration at Work.

Parts support is available for these products. Please email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500



#### 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.



#### 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.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR



01284 757500



01284 703534



[sales@sealey.co.uk](mailto:sales@sealey.co.uk)



[www.sealey.co.uk](http://www.sealey.co.uk)