



INSTRUCTIONS FOR:  
**AIR RATCHET WRENCH 4-IN-1  
 DRIVE**  
 MODEL No: **SA204**

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 OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

## 1. SAFETY INSTRUCTIONS

- ✓ Employ all workshop safety rules, regulations, and conditions when using wrench.
- WARNING!** Disconnect from air supply before changing accessories or servicing.
- ✓ Maintain the wrench in good condition and replace any damaged or worn parts. *Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.*
- WARNING!** Check correct air pressure is maintained and not exceeded. Recommended 70-90psi
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
- ✓ Only use impact sockets which are specifically designed for use with an impact wrench.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Wear approved eye and hand safety protection.
- ✓ Keep children and unauthorised persons away from the working area.
- DO NOT** use the wrench for a task it is not designed to perform.
- WARNING! DO NOT** use wrench if damaged or thought to be faulty. (Contact Service Agent).
- DO NOT** use wrench unless you have been instructed in its use by a qualified person.
- DO NOT** drop, throw or abuse the wrench as it is a precision tool.
- DO NOT** carry the wrench by the hose, or yank the hose from the air supply.
- DO NOT** operate wrench if you are tired, under the influence of alcohol, drugs or intoxicating medication.
- DO NOT** carry wrench with your hand on the trigger in order to avoid unintentional starting.
- DO NOT** direct air from the air hose at yourself or others.
- ✓ When not in use, disconnect from air supply and store in a safe, dry, childproof location.

## 2. INTRODUCTION & SPECIFICATION

Air powered ratchet wrench supplied with four adaptors, 3/8" Sq Drive, 3/8" Sq Drive Universal Joint, 1/2" Sq Drive and 6mm bit adaptor. Adaptors provide for a variety of workshop applications, particularly where space is limited in and around the engine bay. Features hardened steel anvil, twist-reverse mechanism and heavy-duty aluminium housing. Includes four 6mm screwdriver bits. Supplied in tough blow moulded case.

<b>MODEL</b> .....	<b>SA204</b>
Drive sizes .....	3/8" Sq, 3/8" Sq Universal Joint, 1/2" Sq and 6mm Bit Adaptor
Max torque .....	45ft/lb
Air consumption .....	3.6cfm
Operating pressure .....	90psi
Air inlet size .....	1/4" BSP
Weight .....	1.17kg
Length .....	260mm
Noise Power .....	90.8dBA
Noise Pressure .....	101.8dBA

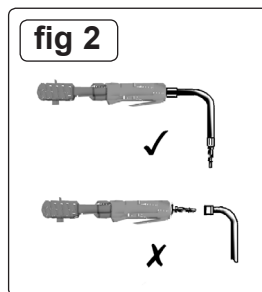
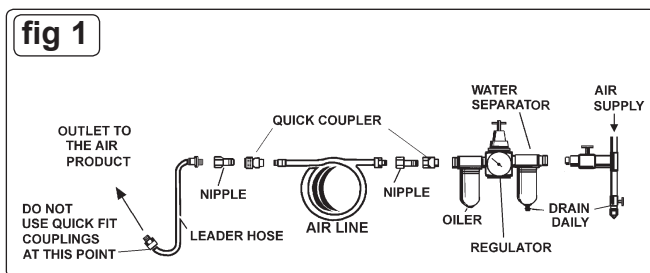
### 3. PREPARING WRENCH FOR USE

#### 3.1. Air Supply

- 3.1.1. Ensure wrench air valve (or trigger) is in the "off" position before connecting to the air supply.
- 3.1.2. You will require an air pressure of 90psi, and an air flow according to specification.
- 3.1.3.  **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the wrench. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage and/or personal injury.
- 3.1.4. Drain the air tank daily. Water in the air line will damage the wrench.
- 3.1.5. Clean air inlet filter weekly. Recommended hook-up procedure is shown in fig 1.
- 3.1.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" internal diameter with fittings of compatible dimensions.
- 3.1.7. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.

#### 3.2. Couplings.

Vibration may cause failure if a quick change coupling is connected directly to the wrench. To overcome this, connect a leader hose to the wrench (Sealey ref: AH2R or AH2R/38). A quick change coupling may then be used to connect the leader hose to the air line hose. Refer to fig 1 & fig 2.



### 4. OPERATING INSTRUCTIONS

**WARNING! Ensure you read, understand and apply Section 1 safety instructions.**

- 4.1. Only use sockets and bits specifically designed for use with an impact wrench.
- 4.2. Connect the ratchet wrench to the air line hose as in chapter 3.
- 4.3. Select the drive adaptor required. Insert the adaptor into the ratchet wrench aperture and attach the required socket or bit to the drive end of the adaptor.
- 4.4. Squeeze the trigger to operate the ratchet wrench. **DO NOT** use any additional force upon the wrench in order to remove a fastener.
- 4.5. To change ratchet direction, remove the adaptor from the ratchet wrench, rotate ratchet wrench 180° and re-insert the adaptor back into the wrench.
- 4.6. The flow of air may be regulated by turning the screw above the trigger. **DO NOT** allow wrench to run in "idle rotation" for an extended period of time as this will shorten its life.

## 5. MAINTENANCE

- ❑ **WARNING!** Disconnect wrench from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.*
- 5.1. Lubricate the air wrench daily with a few drops of Sealey air tool oil (Sealey ref: ATO500S) dripped into the air inlet to prolong its life.
- 5.2. Clean the wrench after use. **DO NOT** use worn, non-impact or damaged sockets and bits.
- 5.3. Loss of power or erratic action may be due to the following:
  - a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions in chapter 3.
  - b) Grit or gum deposits in the wrench may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it. Flush the wrench out with gum solvent oil or an equal mixture of SAE No.10 oil and paraffin. Allow to dry before use. If you continue to experience problems, contact your local Sealey service agent.
- 5.4. For a full service contact your local Sealey service agent.
- 5.5. When not in use, disconnect from air supply, clean wrench and store in a safe, dry, childproof location.

### Risk of Hand Arm Vibration Injury

Air Ratchet Wrench Model No. SA204, 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:** 0.96m/s<sup>2</sup>

**Uncertainty:** 0.38m/s<sup>2</sup>

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.**

This is a 'NO LOAD' vibration figure.

A competent person should carry out a risk assessment following HSE guidelines.

Measurement results can be highly variable, depending on many factors, including the operator's technique, the condition of the work equipment, the material being processed and the measurement method.

**Recommended Measures to reduce risk of hand-arm vibration syndrome:**

We recommend appropriate safety equipment is utilised and regular breaks for the operator are employed to reduce any residual risk of fatigue or repetitive strain injury.

*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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