

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

## 1. SAFETY INSTRUCTIONS

- ✓ Follow 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. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ❑ **WARNING!** Check correct air pressure - 90psi - is maintained and not exceeded.
- ✓ 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.
- ✓ 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.
- ❑ **WARNING!** Due to the possible presence of asbestos dust from brake linings, when working around vehicle brake systems we recommend you wear suitable respiratory protection.
- ✓ 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.
- ✓ Keep the work area clean and tidy and free from unrelated materials. Ensure that there is adequate lighting.
- ✓ Avoid unintentional starting.
- ✓ Only use impact sockets which are specifically designed for use with an impact wrench.
- x **DO NOT** use worn or damaged sockets.
- x **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).
- x **DO NOT** use wrench unless you have been instructed in its use by a qualified person.
- x **DO NOT** carry the wrench by the air hose, or yank the hose from the air supply.
- x **DO NOT** operate wrench if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** carry wrench with your hand on the power trigger, to avoid unintentional starting.
- x **DO NOT** direct air from the air hose at yourself or others.
- x **DO NOT** leave the wrench operating unattended.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

## 2. INTRODUCTION & SPECIFICATION

Fitted with reliable low vibration pin-clutch mechanism. Handle exhaust reduces noise output and limits the circulation of brake dust on wheel applications. Soft-grip handle gives added comfort and control. Features three-position adjustable air/torque control and reversible action. Suitable for garage, tyre shop and workshop applications.



Drive: . . . . . 1/2"  
 Working/Maximum Torque: . . . 400/500lb.ft (540/680Nm)  
 Ultimate Torque: . . . . . 550lb.ft (750Nm)  
 Speed . . . . . 7000RPM  
 Air Consumption: . . . . . 4cfm  
 Operating Pressure: . . . . . 90psi  
 Air Inlet Size: . . . . . 1/4" BSP  
 Weight: . . . . . 2.6kg  
 Noise Power/Pressure: . . . . . 102dB.A/90dB.A  
 Vibration: . . . . . 5.4m/s<sup>2</sup>

### 3. PREPARING WRENCH FOR USE

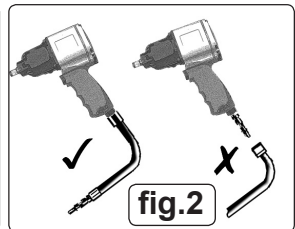
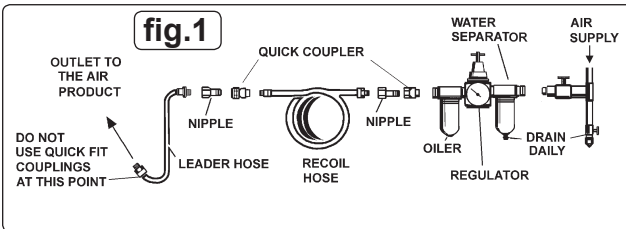
For recommended hook-up, procedure is shown in fig.1 & 2

#### 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. This wrench 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 compressor air tank daily. Water in the air line will damage the wrench.
- 3.1.5. Clean compressor air inlet filter weekly.
- 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" I.D. and fittings must have the same inside dimensions.
- 3.1.7. Keep hose away from heat, oil and sharp edges. Check hose 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. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig 1 & 2.



### 4. OPERATING INSTRUCTIONS

- WARNING! Ensure you read, understand and apply the safety instructions before use.**
- 4.1. Only use impact sockets which are specifically designed for use with an impact wrench.
- 4.2. Connect the wrench to the air hose - see Section 3.
- 4.3. To undo a nut, turn the air regulator switch on the rear of the body to 'R', place the socket over the subject nut and depress the trigger to operate the wrench.
- 4.4. To change drive direction to 'F' and regulate the flow of air, turn the air regulator switch on the rear of the body, between 1-working torque and 3-ultimate torque (fig.3).  
**DO NOT** use any additional force upon the wrench, in order to remove a nut.  
**DO NOT** allow the wrench to free run for an extended period of time as this will shorten its life.



fig.3

## 5. MAINTENANCE

- ❑ **WARNING!** Disconnect wrench from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- 5.1. If the air supply system does not have an oiler, lubricate the wrench daily with a few drops of air tool oil, dripped into the air inlet before use (Sealey part no's. ATO500S (500ml) or ATO1000S (1 Litre)).
- 5.2. Clean the wrench after use.
- 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 Section 3.
  - b) Grit or gum deposits in the wrench may also reduce performance. Remove the strainer, clean it and flush the wrench out with gum solvent oil or an equal mixture of SAE No 10 oil and paraffin. Allow to dry before use.
- 5.4. If you continue to experience problems, or 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 Impact Wrench Model No. GSA03, 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 8662-7:1997 has the following vibration emission declared in accordance with BS EN12096:1996.

**Measured vibration emission value:** 5.4m/s<sup>2</sup>      **Uncertainty value:** 2.2m/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.**

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

This tool should not be used by an individual regularly for more than 3 hours and 30 minutes in any 8 hour period.

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

**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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