



# 600LB.IN(67NM) PREMIER COMPOSITE MINI AIR PISTOL SCREWDRIVER

MODEL NO: **SA623.V3**

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

## 1. SAFETY

- ✓ Follow all workshop health & safety rules, regulations, and conditions when using screwdriver.
- WARNING!** Disconnect from air supply before changing accessories or servicing.
- ✓ Maintain screwdriver in good condition and replace any damaged or worn parts. *Use genuine parts only. Non-authorised parts may be dangerous and will invalidate the warranty.*
- WARNING!** Check correct air pressure is maintained and not exceeded. We recommend maximum 90psi (6bar).
- ✓ Keep air hose away from heat, oil and sharp edges. Check the air hose for wear before each use and ensure that all connections are secure.
- ✓ Wear approved safety eye protection, ear protection and protective gloves.
- ✓ Keep screwdriver bits clean and in good condition for best and safest performance.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Secure non stable work piece with a clamp, vice or other adequate holding device.
- ✓ Ensure the screwdriver bit is secure in the chuck.
- ✓ Avoid unintentional starting.
- ✓ Keep children and unauthorised persons away from the working area.
- \* **DO NOT** get the screwdriver wet or use in damp or wet locations.
- \* **DO NOT** hold the workpiece by hand.
- \* **DO NOT** use the screwdriver for a task it is not designed to perform.
- WARNING! DO NOT** use the screwdriver if damaged or faulty. Contact your local service agent.
- \* **DO NOT** use screwdriver unless you have been instructed in its use by a qualified person.
- \* **DO NOT** drop, throw or abuse the screwdriver.
- \* **DO NOT** carry the screwdriver by the air hose, or yank the hose from the air supply.
- \* **DO NOT** operate screwdriver if you are tired, under the influence of alcohol, drugs or intoxicating medication.
- \* **DO NOT** carry screwdriver with your hand on the power 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

Compact design is ideal for accessing work areas where space is limited. Composite lightweight housing reduces effects of chill on operator's hands. Fully reversible with thumb control on side of motor housing. Air motor with quality bearings for smooth and powerful operation. Features 1/4"Hex quick release chuck for fast bit changes. Suitable for the professional workshop.

## 3. SPECIFICATION

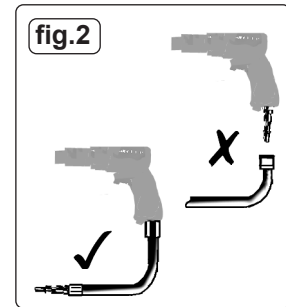
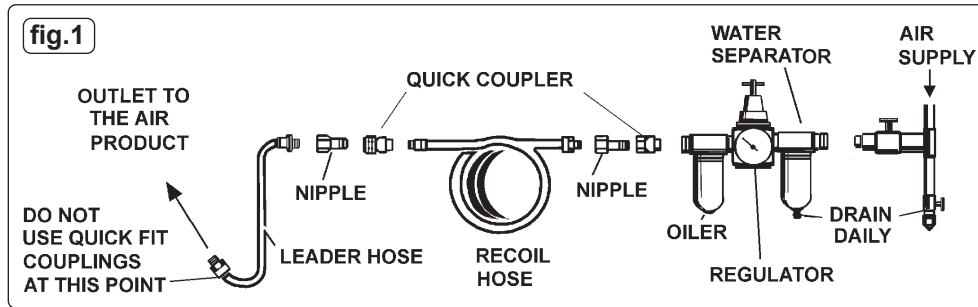
Chuck size: ..... 1/4"Hex Quick Release Type  
Free speed:..... 11,000rpm  
Maximum Torque:.....600lb.in(67Nm)  
Air consumption: ..... 3cfm  
Operating pressure: ..... 90psi  
Air inlet size: ..... 1/4" BSP  
Noise Power:.....92dB(A)  
Noise pressure:..... 81dB(A)  
Vibration/Uncertainty ..... 4.89/2.44m/s<sup>2</sup>

## 4. OPERATION

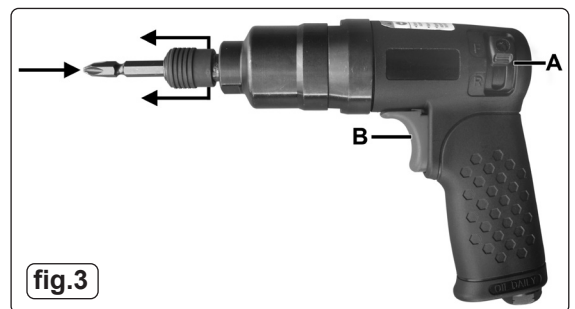
### 4.1. AIR SUPPLY

- 4.1.1. Ensure the screwdriver trigger is in the "off" position before connecting to air supply.
- 4.1.2. You will require an air pressure of 90psi for maximum torque, and an air flow according to specification.
- WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the screwdriver. 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.

- 4.1.3. Drain the air tank daily. Water in the air line will damage the screwdriver.
- 4.1.4. Clean air inlet filter weekly. Recommended hook-up procedure is shown in fig.1 and fig.2.
- 4.1.5. 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.
- 4.1.6. Keep hose away from heat, oil and sharp edges. Check hose for wear, and make certain that all connections are secure.
- 4.2. AIR LINE COUPLINGS**
- NOTE:** Vibration may cause failure if a quick change coupling is connected directly to screwdriver. To overcome this, connect a leader hose to the screwdriver. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig.1 & fig.2.



- 4.3. **AIR PISTOL DRIVER**
- WARNING!** Ensure you read, understand and apply safety instructions before use.
- 4.4. Push the chuck collar forward (fig.3) and insert driver bit into the chuck.
- 4.5. To release the bit, push chuck collar forward and pull bit out.
- 4.6. Connect the screwdriver to the air hose as in fig.1 and fig.2.
- 4.7. The screwdriver direction is changed by switching the thumb control on the side of the screwdriver (fig.3A).
- 4.8. Check that the screwdriver is set to operate in the required direction.
- 4.9. Depress the trigger to operate the screwdriver accordingly.
- DO NOT** allow the screwdriver to free run for an extended period of time as this will shorten its life.
- 4.10. Regulate air pressure to the driver to obtain optimum torque for the task.



**5. MAINTENANCE**

- WARNING!** Disconnect the screwdriver 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 screwdriver daily with a few drops of Sealey air tool oil dripped into the air inlet to prolong its life.
- 5.2. Clean the screwdriver 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 4.1.
  - b) Grit or gum deposits in the screwdriver 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 screwdriver out with gum solvent oil or an equal mixture of SAE No 10 oil and paraffin. Allow to dry before use.
- 5.4. For a full service contact your local Sealey service agent.
- 5.5. When not in use, disconnect from air supply, clean screwdriver and store in a safe, dry, childproof location.

**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): . . . . . 4.89 m/s<sup>2</sup>**

**Uncertainty value (k): . . . . . 2.44 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.



#### 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.

**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](mailto:technical@sealey.co.uk) or 01284 757505.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 24 months from purchase date, proof of which is required for any claim.

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