



INSTRUCTIONS FOR: AIR PISTOL SCREWDRIVER

MODEL No: **SA623**

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

- ✓ 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 recommended 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.
- ✓ Wear approved safety eye and ear protection.
- ✓ 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. Use clamps or a vice to secure the workpiece.
- ✗ DO NOT use the screwdriver for a task it is not designed to perform.
- WARNING! DO NOT** use 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 & SPECIFICATIONS

Fully polished finish with exhaust through handle base for reduced noise emission. Smooth air motor runs on high quality ball bearings for long life and reliability. Fully reversible drive with finger-tip control set above trigger. Fully adjustable torque between 45 and 115 ins/lb. Accepts 6mm hex driver bits. Rubber grip gives added control.

Chuck size 1/4" - 6mm Hex
Free speed 1620rpm
Torque range 45-115In/lb
Air consumption 4cfm
Operating pressure. 90psi

Air inlet size 1/4" BSP
Weight 1.2kg
Noise Power 83.4dB.A
Noise Pressure. 89dB.A

3. PREPARING SCREWDRIVER FOR USE

3.1. Air Supply

- 3.1.1. Ensure screwdriver air valve (or trigger) is in "off" position before connecting to 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 90 psi 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.
- 3.1.4. Drain the air tank daily. Water in the air line will damage the screwdriver.
- 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" 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 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 & 2.

fig 1

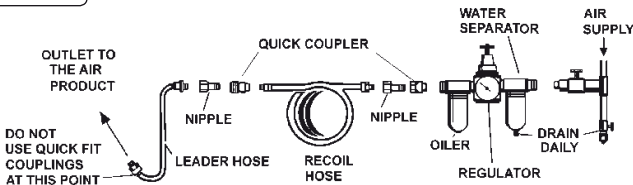
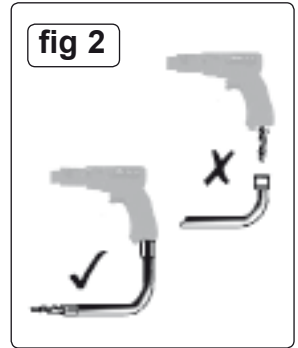


fig 2



4. OPERATING INSTRUCTIONS

- WARNING! Ensure you read, understand and apply safety instructions before use.**
- 4.1. Push driver bit into self locking chuck. To release bit, push chuck collar forward and pull bit out.
- 4.2. Connect the screwdriver to the air hose as in chapter 3.
- 4.3. The screwdriver direction is changed by switching the reverse lever behind the trigger. Check that the screwdriver is set to operate in the required direction.
- 4.4. Depress the trigger to operate the screwdriver accordingly.

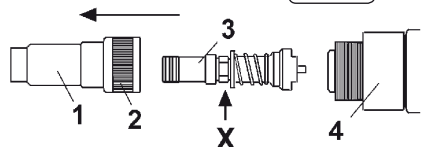
DO NOT allow screwdriver to free run for an extended period of time as this will shorten its life.

- 4.5. To change the torque.
- 4.5.1. Remove clutch housing (fig 3.1.) from main motor housing (4) by turning hand grip (2) clock-wise, to expose the cam assembly (3). Note: the clutch housing is packed with grease.
- 4.5.2. Place a wrench on nut (X) and turn to adjust torque as follows:

INCREASE TORQUEby tightening nut.
DECREASE TORQUE.....by loosening nut.

- 4.5.3. Re-pack with heavy grease and re-assemble.

fig 3



5. MAINTENANCE

- ❑ **WARNING!** Disconnect 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 chapter 3.
 - 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.

Risk of Hand Arm Vibration Injury

Air Pistol Screwdriver, Model No. SA623 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 results in the following vibration emission declared in accordance with BS EN 12096:1996.

Measured vibration emission value: 0.57m/s²

Uncertainty: 0.23m/s²

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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