

ITEM	PART NO.	DESCRIPTION
01.	SA6002.01	OIL SEAL
02.	SA6002.02	HAMMER CASE
03.	SA6002.03	BUSHING
04.	SA6002.04	FRONT GASKET
05.	SA6002.05	MOTOR HOUSING
06.	SA6002.06	O-RING
07.	SA6002.07	ANVIL COLLAR
08.	SA6002.08	ANVIL
09.	SA6002.09	HAMMER CAGE
10.	SA6002.10	HAMMER PIN
11.	SA6002.11	WASHER
12.	SA6002.12	TRIGGER
13.	SA6002.13	O-RING
14.	SA6002.14	SPRING PIN
15.	SA6002.15	RUBBER
16.	SA6002.16	HAMMER DOG
17.	SA6002.17	RETAINER
18.	SA6002.18	VALVE STEM
19.	SA6002.19	SPRING
20.	SA6002.20	EXHAUST DEFLECTOR
21.	SA6002.21	O-RING

ITEM	PART NO.	DESCRIPTION
22.	SA6002.22	HOSE ADAPTOR
23.	SA6002.23	BALL BEARING
24.	SA6002.24	O-RING
25.	SA6002.25	OIL SEAL
26.	SA6002.26	CYLINDER
27.	SA6002.27	SPRING PIN
28.	SA6002.28	ROTOR
29.	SA6002.29	ROTOR BLADE
30.	SA6002.30	REAR PLATE
31.	SA6002.31	BALL BEARING
32.	SA6002.32	PIN
33.	SA6002.33	SPRING
34.	SA6002.34	O-RING
35.	SA6002.35	REAR GASKET
36.	SA6002.36	REAR COVER
37.	SA6002.37	O-RING
38.	SA6002.38	SCREW & WASHER
39.	SA6002.39	REVERSE LEVER
40.	SA6002.40	O-RING
41.	SA6002.41	WASHER

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 equipment. **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.

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 is maintained and not exceeded. We recommend 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.
- ✓ Wear approved safety eye/face shield, ear defenders and hand protection.
- 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 non essential 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 Local Sealey Service Agent.
- ✗ DO NOT use wrench unless you have been instructed in its use by a qualified person.
- ✗ DO NOT carry the wrench by the air hose, or yank the hose from the air supply.
- ✗ DO NOT operate wrench if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ DO NOT carry wrench 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 & SPECIFICATION

New twin hammer design gives the wrench a high torque output making it suitable for jobs that would normally require a 3/4" impact wrench. Features twist control at back of tool for simple choice of speed and direction. Composite casing with soft grip makes the tool lighter, easier to handle and helps reduce vibration and chill. Handle exhaust reduces noise level. Suitable for heavy tyre shop use.

Working/Maximum Torque:725/825lb.ft
Ultimate Torque:1000lb.ft
Air Consumption:13cfm

Operating Pressure:90psi
Air Inlet Size:1/4" BSP
Weight:2.0kg

Risk of Hand Arm Vibration Injury.

The SA6002 Air Impact Wrench, when operated in accordance with these instructions and tested in accordance with EN 28662-2: 1994 results in the following vibration emission declared in accordance with BS EN12096: 1996.

Measured vibration emission value:.....5.7m/s² Uncertainty:2.28m/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.

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

This tool should not be used by an individual regularly for more than 188 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.

3. PREPARING WRENCH FOR USE

- ❑ **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the wrench. Too high an air pressure and/or unclean air will shorten the product life due to excessive wear, and may be dangerous, causing damage and/or personal injury.

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 Drain the compressor air tank daily. Water in the air line will damage the wrench.
- 3.1.4 Clean compressor air inlet filter weekly. Recommended hook-up procedure is shown in fig 1.
- 3.1.5 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 inside dimensions.
- 3.1.6 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.

fig 1

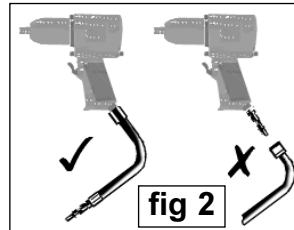
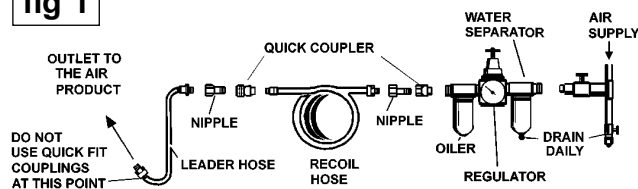


fig 2

4. OPERATING INSTRUCTIONS

- ❑ **WARNING!** Ensure you read, understand and apply safety instructions before use.
 - 4.1 Only use impact sockets which are specifically designed for use with a impact wrench.
 - 4.2 Connect the wrench to the air hose as in chapter 3.
 - 4.3 Place the socket over the subject nut and depress the trigger to operate the wrench.
 - 4.4 To change direction use the dial located on the rear, this also controls the power of the wrench.
- x **DO NOT** use any additional force upon the wrench in order to remove a nut.
- x **DO NOT** allow wrench to free run for an extended period of time as this will reduce bearing 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. Unauthorised parts may be dangerous and will invalidate the warranty.*
- 5.1. If the air system does not have an oiler lubricate the air wrench daily with a few drops of Sealey air tool oil dripped into the air inlet
- 5.2. Check and top up the gearbox by removing grub screw located under the impact head
- 5.3. Clean the wrench after use. DO NOT use worn, or damaged sockets.
- 5.4. 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.
- 5.5. For a full service contact your local Sealey service agent.
- 5.6. When not in use, disconnect from air supply, clean wrench and store in a safe, dry, childproof location.



Declaration of Conformity



We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives. The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Air Impact Wrench Model: SA6002
98/37/EC Machinery Directive
93/68/EEC Marking Directive

Signed by Mark Sweetman

12th July 2005

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Tools.

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