

Item	Part No	Description
1	B/620ZZ	620ZZ BEARING
2	SA6/01	COVER SEAL
3	SA6/05	SPRING WASHER
4	SA6/06	HEX CAP BOLT(M6 20)
5	SA6/07	THRUST WASHER (SO)
6	SA6/09	O-RING
7	SA6/1-4	CASE
8	SA6/11	HAMMER FRAME
9	SA6/12	DRIVER
10	SA6/13	HAMMER
11	SA6/14	HAMMER PIN
12	SA6/15	SPACER
13	SA6/16	MOTOR CASE
14	SA6/17	HELI COIL INSERT
16	SA6/19	REVERSE VALVE
17	SA6/20	PIN
18	SA6/21	TRIGGER
19	SA6/22	THROTTLE BUSHING
20	SA6/23	THROTTLE PIN
21	SA6/24	VALVE BALL
22	SA6/25	CONICAL SPRING
23	SA6/26	O-RING

Item	Part No	Description
24	SA6/27	INLET BUSHING
25	SA6/28	ADJUST VALVE
26	SA6/30	O-RING
27	SA6/32	SPRING
28	SA6/33	STEEL BALL 4.0mm
29	SA6/34	SPRING
30	SA6/36	FRONT END PLATE
31	SA6/37	ROTOR
32	SA6/38	VANE
33	SA6/39	CYLINDER
34	SA6/40	SPRING PIN
35	SA6/41	SPRING PIN
36	SA6/42	REAR END PLATE
37	SA6/44	MOTOR CASE PACKING
38	SA6/45	MOTOR CASE COVER
39	SA6/46	NOTCH PIN BUSHING
40	SA6/47	NOTCH SPRING
41	SA6/48	NOTCH PIN
42	SA6/49	WASHER
43	SA6/50	BOLT
44	SA6/8-10	ANVIL ASS'Y (STD 6")

**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.

	Sole UK Distributor Sealey Group, Bury St. Edmunds, Suffolk.	01284 757500 01284 703534	Web address: <a href="http://www.sealey.co.uk">www.sealey.co.uk</a> E-mail: <a href="mailto:sales@sealey.co.uk">sales@sealey.co.uk</a>
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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 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, 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 & SPECIFICATIONS

Super quality Impact Wrench with rocking-dog clutch and hardened anvil assembly. Features 4-position adjustable air/torque control and reversible action plus spring balance anchorage point.

Drive size	.....	.3/4"
Working/Max torque	.....	.980/1150lb.ft
Ultimate torque	.....	1175lb.ft
Air consumption	.....	.12cfm
Operating pressure	.....	.90psi
Air inlet size	.....	.1/4" BSP
Weight	.....	.4.2kg
Noise	.....	.96dB
Vibration	.....	.4.38mtr/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. 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 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.
- 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.

fig 1

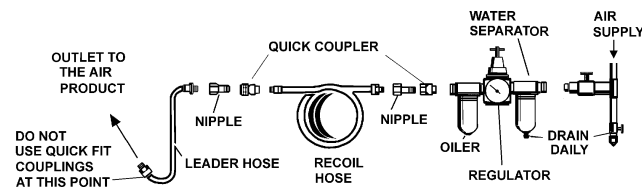
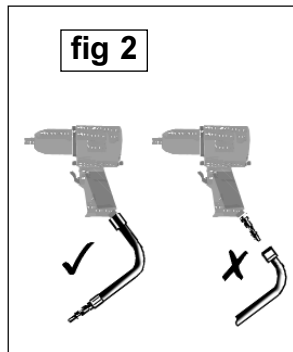


fig 2



### 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 an impact wrench.
- 4.2. Connect the wrench to the air hose as in Section 3.
- 4.3. Place the socket over the subject nut and depress the trigger to operate the wrench.
- 4.4. To change drive direction push the reverse valve button at the top of the handle.
- 4.5. The flow of air may be regulated by adjusting flow valve at the base of the handle, between 1 low power and 4 full power.

DO NOT use any additional force upon the wrench in order to remove a nut.

DO NOT allow wrench to free run 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. Unauthorised 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 dripped into the air inlet.
- 5.2. Clean the wrench after use. DO NOT use worn, or damaged sockets.
- 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. 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.

### 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.

**3/4" Super Duty Air Impact Wrench**

**Model: SA6**

98/37/EC Machinery Directive  
93/68/EEC Marking Directive

Signed by Mark Sweetman

29th January 2004

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