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Item	SA630 Part No	SA631 Part No	Description	Item	SA630 Part No	SA631 Part No	Description
1	SA630/01	SA631/01	AIR INLET BUSHING	24	SA630/24	SA631/24	RING GEAR
2	SA630/02	SA631/02	REGULATOR	25	SA630/25	SA631/25	NEEDLE BEARING
3	SA630/03	SA631/03	O-RING	26	SA630/26	SA631/26	NEEDLE BEARING
4	SA630/04	SA631/04	VALVE SPRING	27	SA630/27	SA631/27	RATCHET HOUSING
5	SA630/05	SA631/05	THROTTLE VALVE	28	SA630/28	SA631/28	CRANK SHAFT
6	SA630/06	SA631/06	O-RING	29	SA630/29	SA631/29	DRIVE BUSHING
7	SA630/07	SA631/07	VALVE PLUNGER	30	SA630/30	SA631/30	YOKE
8	SA630/08	SA631/08	MOTOR HOUSING	31	SA630/31	SA631/31	LOCK NUT
9	SA630/09	SA631/09	PIN	32	SA630/32	SA631/32	REVERSE BUTTON
10	SA630/10	SA631/10	LEVER PIN	33	SA630/33	SA631/33	SPRING
11	SA630/11	SA631/11	THROTTLE LEVER	34	SA630/34	SA631/34	LOCK PIN
12	SA630/12	SA631/12	BALL BEARING ( B696ZZ )	35	SA630/35	SA631/35	WASHER
13	SA630/13	SA631/13	REAR END PLATE	36	SA630/36	SA631/36	PIN
15	SA630/15	SA631/15	ROTOR BLADE	37	SA630/37	SA631/37	RATCHET PAWL
16	SA630/16	SA631/16	ROTOR	38	SA630/38	SA631/38	STEEL BALL
17	SA630/17	SA631/17	CYLINDER	39	SA630/39	SA631/39	SPRING
18	SA630/18	SA631/18	FRONT END PLATE	41	SA630/41A	SA631/41B	THRUST WASHER
19	SA630/19	SA631/19	BALL BEARING ( B696ZZ )	42	SA630/42	SA631/42	RETAINING RING
20	SA630/20	SA631/20	WASHER	43	SA630/43A	SA631/43B	RATCHET ANVIL
21	SA630/21	SA631/21	GEAR	44	SA630/44	SA631/44	BOOT
22	SA630/22	SA631/22	PIN				
23	SA630/23	SA631/23	GEAR PLATE				

**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:** See note in introduction. Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** Call us for a copy of our latest catalogue and promotions on 01284 757525 and leave your full name and address including your postcode.

INSTRUCTIONS FOR  
**MINI AIR RATCHET WRENCH**  
 Models: **SA630 & SA631**

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**

- 3 Follow all workshop safety rules, regulations, and conditions when using wrench.
- p **WARNING!** Disconnect from air supply before changing accessories or servicing.
- 3 Maintain the wrench in good condition and replace any damaged or worn parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
- p **WARNING!** Check correct air pressure is maintained and not exceeded. We recommend 90psi.
- 3 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.
- 3 Wear approved safety eye/face shield, ear defenders, and hand protection.
- 3 Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- 3 Keep children and non essential persons away from the working area.
- 7 DO NOT use the wrench for a task it is not designed to perform.
- p **WARNING! DO NOT** use wrench if damaged or thought to be faulty. (Contact Service Agent).
- 7 DO NOT use wrench unless you have been instructed in its use by a qualified person.
- 7 DO NOT carry the wrench by the air hose, or yank the hose from the air supply.
- 7 DO NOT operate wrench if you are tired, under the influence of alcohol, drugs or intoxicating medication.
- 7 DO NOT carry wrench with your hand on the power trigger in order to avoid unintentional starting.
- 7 DO NOT direct air from the air hose at yourself or others.
- 3 When not in use disconnect from air supply and store in a safe, dry, childproof location.

**2. INTRODUCTION & SPECIFICATIONS**

Mini air wrench suitable for applications where space is at a premium. Superb for engine bay work on cars, CVs, motorcycles and outboards. Compact design utilises high quality bearings and rotor end plates for smooth power output. Rear exhaust with baffle reduces noise and oil spray. Fitted with protective rubber ratchet head boot.

**IMPORTANT WARRANTY INFORMATION**

The ratchet heads are supplied fitted with a rubber boot to provide some protection from impact. Because it is possible to break the head by dropping and also by excessive hand force, we do not warranty ratchet heads. The rest of the product is covered by a 1 year parts and labour warranty. This does not affect your statutory rights.

**MODEL . . . . .SA630**  
 Drive size . . . . .1/4" Sq  
 Max torque . . . . . 30ft/lb  
 Air consumption . . . . . 5cfm  
 Operating pressure . . . . . 90psi  
 Air inlet size . . . . . 1/4" BSP  
 Weight . . . . . 0.5kg

**MODEL . . . . .SA631**  
 Drive size . . . . . 3/8" Sq  
 Max torque . . . . . 30ft/lb  
 Air consumption . . . . . 5cfm  
 Operating pressure . . . . . 90psi  
 Air inlet size . . . . . 1/4" BSP  
 Weight . . . . . 0.5kg

### 3. PREPARING WRENCH FOR USE

#### 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. 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 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

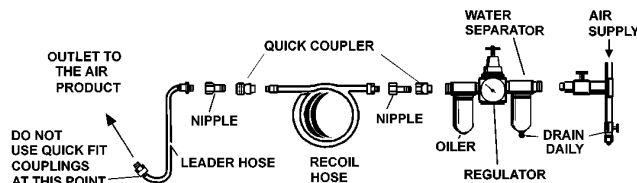
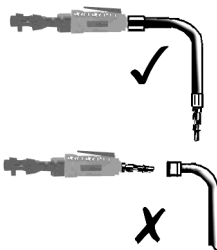


fig 2



### 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 ratchet 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 wrench direction turn the switch on the head of the wrench.  
DO NOT use any additional force upon the wrench in order to remove a nut.

#### IMPORTANT WARRANTY INFORMATION

The ratchet heads are supplied fitted with a rubber boot to provide some protection from impact. Because it is possible to break the head by dropping and also by excessive hand force, we do not warranty ratchet heads. The rest of the product is covered by a 1 year parts and labour warranty. This does not affect your statutory rights.

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. Non-authorized 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 to prolong its life.
  - 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 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.
  - 5.4. 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 products listed here are in conformity with the following EEC standards and directives. The construction files for these products are held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

**Mini Air Ratchet Wrench**  
**Models: SA630 & SA631**  
98/37/EC Machinery Directive  
93/68/EEC Marking Directive

Signed by Mark Sweetman

26th June 2001

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