

AIR FLEXI-HEAD RATCHET WRENCH 3/8" & 1/2" Sq DRIVE

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 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. Non-authorized 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 a ratchet wrench.
- ✓ Wear approved safety eye/face shield, ear defenders, and hand 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.
- x **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).
- x **DO NOT** use wrench unless you have been instructed in its use by a qualified person.
- x **DO NOT** carry the wrench by the air hose, or yank the hose from the air supply.
- x **DO NOT** operate wrench if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** carry wrench with your hand on the power trigger in order to avoid unintentional starting.
- x **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.
- WARNING!** *The warnings, cautions and instructions referred to in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.*

2. INTRODUCTION & SPECIFICATIONS

Innovative design flexible ratchet head allows 30° angle adjustment both directions. Ratchet yoke designed and manufactured to provide additional strength, prolonging the working life. Reversible for use in either direction and trigger operated power control. Rear exhaust with baffle reduces noise level and oil spray. Suitable for use in the professional workshop.

MODEL	SA609	SA610
Drive size	3/8" Sq	1/2" Sq
Max torque	50lb.ft	50lb.ft
Air consumption	5cfm	5cfm
Operating pressure.	90psi	90psi
Air inlet size	1/4" BSP	1/4" BSP
Weight0.9kg0.9kg
Noise-Pressure	98dB	98dB
Vibration	2.5m/s ²	2.5m/s ²

3. PREPARING WRENCH FOR USE

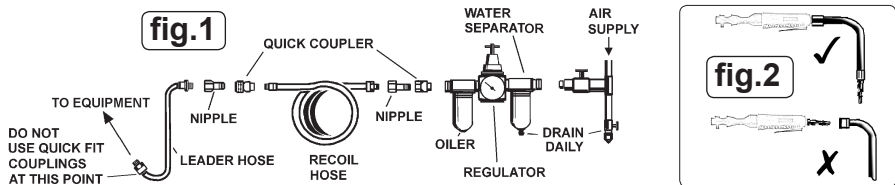
3.1. Air Supply. (Recommended hook-up procedure is shown in fig.1.)

- 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 90psi 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.

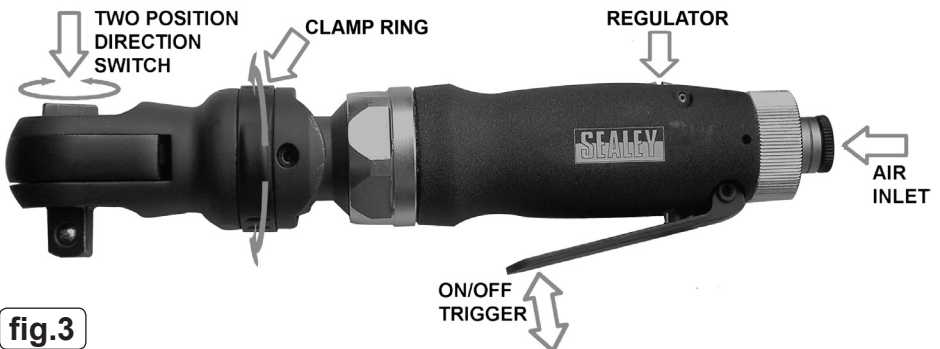
To overcome this, connect a leader hose to the wrench. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig.1 & 2.



4. OPERATING INSTRUCTIONS

WARNING! Ensure you read, understand and apply safety instructions before use.

- 4.1. Connect the wrench to the air hose as indicated in section 3.
- 4.2. To adjust the wrench head to the desired angle; unlock by rotating the clamp ring (fig.3), move the head to the desired angle and rotate the clamp ring again to lock wrench head in position.
DO NOT operate the wrench without the head being locked in place by the clamp ring.
- 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. (See fig.3)
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. 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 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.
- 5.6. Periodically lubricate ratchet yoke drive shaft using grease nipple on side of the ratchet head. This will reduce friction and increase the power and longevity of the tool.

Risk of Hand Arm Vibration Injury.

The SA609 & SA610 Air Ratchet Wrenches, when operated in accordance with these instructions and tested in accordance with EN 28662-2: 1994 result in the following vibration emissions declared in accordance with BS EN12096: 1996.

Measured vibration emission value: (SA609) 2.5m/s² (SA610) 2.5m/s².

Uncertainty: (SA609) 1m/s² (SA610) 1m/s²

These values are suitable for comparison with emission levels of other tools that have been subject to the same test.

These tools may cause hand-arm vibration syndrome if their use is inadequately managed.

Recommended Measures to reduce risk of hand-arm vibration syndrome: These items represent a low Hand Arm Vibration risk to users. The calculated minimum usage period exceeds 8 hours. 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.



Sole UK Distributor, Sealey Group,
Kempson Way, Suffolk Business Park,
Bury St. Edmunds, Suffolk,
IP32 7AR

01284 757500



www.sealey.co.uk



01284 703534



sales@sealey.co.uk