



# 3/4" SQ DRIVE BREAKBACK TORQUE WRENCH

## 300-1000NM

MODEL NO: **STW501**

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 & CAUTIONS. USE THE 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual



Wear eye protection

### 1. SAFETY

- ✓ Ensure all workshop safety rules, regulations, and conditions are complied with when using the torque wrench.
- ✓ 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.*
- ✓ The wrench is a precision tool, handle with care.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ If it is suspected that the wrench is damaged or faulty, have it checked by Sealey or one of our Service Agents.
- ✗ **DO NOT** use wrench unless you have been instructed in its use by a qualified person.
- ✗ **DO NOT** use any cleaner which might affect the high pressure grease with which the wrench is packed.
- ✗ **DO NOT** use torque wrench as a lever bar.
- ✗ Use of damaged hand tools, sockets, extensions and accessories may result in injury.
- ✗ **DO NOT** use torque wrench as a hammer.
- ✗ Torque wrenches not in calibration may cause damage to parts or tools.
- ✗ **DO NOT** use extensions on handle as damage to torque wrench will result and will invalidate the Warranty.
- ✗ Over tightening of fasteners may result in breakage.
- ✗ Handle is not insulated, do not use on live electrical or high voltage circuits.

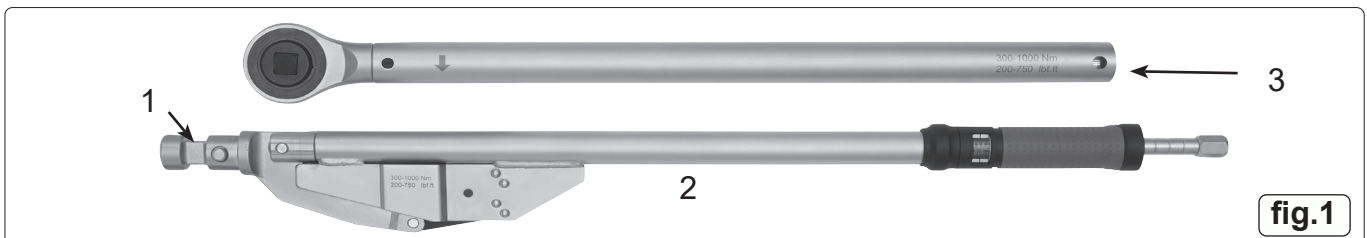
### 2. INSTRUCTIONS

Range 300-1000Nm (200/750 lbf.ft). Scales graduated in both lb.ft and Nm giving accurate results to ±4%. Calibration tolerance in accordance with BS EN ISO 6789:2017. Every wrench is tested and supplied with an individually numbered test certificate. Breakback design significantly reduces the risk of over torquing. Ratchet head features push-through drive to allow torquing either clockwise or anti-clockwise. Comfortable soft grip handle. Supplied with additional tool to drive the external nut at base of grip clockwise/anti-clockwise for easy torque adjustment/setting. Supplied in storage case.

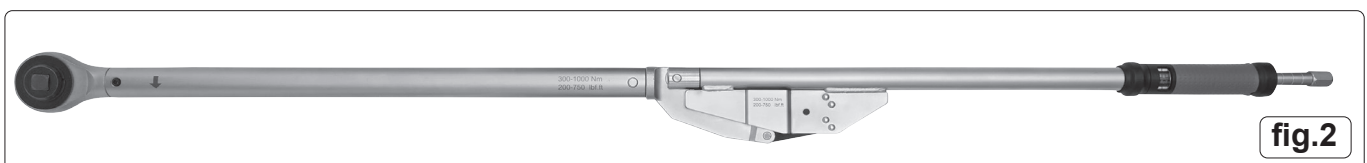
### 3. SPECIFICATION

Model No:..... **STW501**  
 Drive ..... 3/4" Sq  
 Length ..... 1550mm  
 Range ..... 300-1000Nm(200-750lbf.ft)

### 4. ASSEMBLY



Push in Pin locator (Fig1.1) and push bar (Fig1.2) into ratchet head (Fig1.3) making sure that the pin clicks into place. The assembled bar will look as in (fig2).



## 5. OPERATION

- 5.1. Hold the torque wrench in your left hand (if right handed) so that the required scale on the shaft, just above the hand grip - is uppermost and visible.(Fig.3).
- 5.2. Turn the lock handle provided, at the end of the grip (Fig.4) Use either nm or lbf.ft scales and set to the required torque then remove handle.



- 5.3. Tightening the nut/bolt you will feel and hear the wrench mechanism click when the set torque is reached. Immediately stop applying force to the wrench to avoid over-tightening the nut/bolt. The wrench will reset ready for the next application.
- 5.4. After use adjust to lowest torque setting (but not below), clean and store in a safe, dry, childproof location.  
**NOTE: If wrench is not used for some while, operate it a few times, at a low setting, to ensure that all internal parts are coated in grease.**

## 6. RECALIBRATION

- 6.1. The default calibration period of 12 months (or 5000 cycles which ever occurs first) starts after the first use of the torque tool (BS EN ISO 6789-1 refers).
- 6.2. Calibration should be checked periodically, depending on use and after any impact or other misuse. Also the interval between tests shall be chosen on the basis such as: maximum permissible deviation, frequency of use, typical load during operation as well as ambient conditions during operation and storage.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



REGISTER YOUR PURCHASE HERE

**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 is required for any claim.

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