



Instructions for:

## TORQUE WRENCH VDE 3/8" SQ.DRIVE

Model No: **STW802**

Thank you for purchasing a Sealey Product. Manufactured to a high standard this tool will, if used according to these instructions and properly maintained, give 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

- ✗ Ensure all workshop safety rules, regulations, and conditions are complied with when using torque wrench.
- ✓ 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.*
- ✗ The wrench is a precision tool, **DO NOT** abuse it.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ☐ **WARNING! DO NOT** use the wrench if damaged or thought to be faulty. (Contact Service Agent).
- ✗ **DO NOT** drop or throw the wrench.
- ✗ **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.
- ✓ After use adjust to lowest torque setting (but not below), clean and store in a safe, dry, childproof location.

### 2. INTRODUCTION & SPECIFICATIONS

Chrome Vanadium steel ratchet head with smooth action mechanism. Calibration tolerance in accordance with BS EN ISO 6789:2003. Accuracy of  $\pm 4\%$  and issued with an individually numbered test certificate. Fully insulated to VDE and EN 60900 to protect from electric shocks up to 1500V DC and 1000V AC. Ideal for technicians working on modern hybrid and electrical vehicles (1500V safe live working). Supplied in storage case.

<b>Model No:</b>	<b>STW802</b>
<b>Torque Range (Nm):</b>	<b>20-100Nm</b>
<b>Drive ("sq.):</b>	<b>3/8"Sq</b>
<b>Length (mm):</b>	<b>460mm</b>

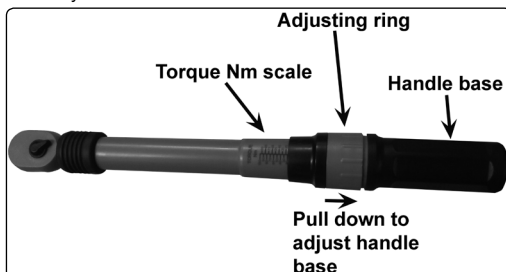
### 3. OPERATION

- 3.1. Hold torque wrench in one hand so that required scale is uppermost and visible.
- 3.2. Pull the adjusting ring down and turn it and the handle base to adjust to the nearest 5Nm on the scale. The final adjustment is made using the gradations on ring.
- 3.3. For example to set the Torque Wrench to 63Nm:
  - Pull the adjusting ring down and turn the handle base until the ring is level with the 60Nm mark. Turn further until the '3' on the ring, lays upon the centre line of the Torque Nm scale.
- 3.4. When 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 overtightening the nut/bolt.

**Note:** If the torque wrench has not been used for some time, operate it a few times, at a low setting, to ensure all internal parts are coated in grease.

### 4. RECALIBRATION

- 4.1. In order to ensure continued accuracy, the torque wrench should be recalibrated annually and after any impact or other misuse. Sealey offer a recalibration service (Model Number is CAL38) or contact a NAMAS accredited laboratory.



# TORQUE WRENCH CALIBRATION CERTIFICATE

Model No: STW802

Serial Number & Certificate Number

Test Machine Serial Number

Tested by

Date

Model No			Tolerance + 4% of Test Load		
STW802	Test %	Test Load Nm	Minimum	Maximum	Test Reading Nm
Minimum Nm	125%	125			Completed
20	20%	36	34.6	37.4	
Maximum Nm	60%	68	65.3	70.7	
100	100%	100	96	104	



**Environmental Protection.**

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.

**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:** Lifetime Guarantee, proof of purchase will be required for any claim.

**INFORMATION:** For a copy of our catalogue and latest promotions call us on 01284 757525 and leave your full name, address and postcode.

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