

Precautions

- For first time use, or after a long period without use, adjust wrench up and down a few time to distribute lubricant throughout the mechanism.
- Tighten in a slow and controlled manner and stop applying pressure immediately the required setting has been reached. Tightening too quickly will result in an inaccurate final torque figure.
- Take care to stop applying further torque once the desired setting has been reached. Over-torquing can damage the wrench.
- After using the wrench, unlock and turn the adjuster to the lowest setting for storage. Take care not to turn the adjuster lower than the minimum torque setting or the mechanism may be damaged.
- Never use the torque wrench to tighten a fastener to a higher torque than the maximum torque setting.
- Take care of the torque wrench and keep it clean; do not store in areas of high temperature or humidity.

Warranty

Our warranty policy is one year from date of purchase. Please register your date of purchase by going to: www.lasertools.co.uk/product-registration

To register you will be asked for the following information:

Name and Address

Retailers Name and Town

Date of purchase (always keep receipt)

Part Number and Serial Number

The Serial Number can be found on your Certificate of Conformance in accordance with ISO 6789-1.



Safety First. Be Protected.

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Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: +44 (0) 1926 818186. Normal wear and tear are excluded as are consumable items and abuse.



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1342

LASER[®]

Torque Wrench

3/8"D

Instructions



Please visit:

www.lasertools.co.uk/registration
for your online Guarantee Registration

www.lasertools.co.uk

Dual Scale Torque Wrench

Primary Scale:	20-110Nm
Secondary Scale:	14.8-81.1 Ft/Lbs
Drive:	3/8"D
Features:	
Repair kits available:	Part No. 2731

Maintenance

- Always ensure your torque wrench is maintained in a dry, clean environment.
- Always release the torque after use.
- Store the torque wrench in the case in which it was provided.

Reasons for Torque Wrench Malfunction

- Dropping the torque wrench.
- Overloading the recommended torque.
- Not using the torque wrench for a long period of time.
- Using the torque wrench in serious hot or cold conditions ($0^{\circ}<50^{\circ}\text{C}$).
- Leaving the torque wrench on a set torque.
- Using it to break a bolt (undoing).
- Using it as a breaker bar.

Warning:

- Never use an extension bar.
- Never use a length of pipe to extend the handle of your torque wrench.

For further information on Torque Wrenches download our **'What is Torque'** from our website.

Top Ten Tips

1. Always follow the vehicle manufacturer's specifications when making torque settings.
2. Study any additional information that may indicate any special conditions under which the torque settings were established, for example whether the fixing is to be applied dry or lubricated.
3. If there are several nuts or bolts holding an assembly together such as a cylinder head for example, tighten each nut or bolt a little at a time in turn until you reach the specified torque. Refer to the manufacturer's documentation to ascertain if there is a specific pattern or order of tightening.
4. Never store a torque wrench with a load setting still applied as this will over time damage the internal load mechanism and make the wrench inaccurate. Always adjust to the lowest torque setting (but not below) before storage.
5. Never overload a torque wrench.
6. If you want to tighten a bolt to higher than the wrench can go then use a alternative torque wrench with the correct capacity.
7. Never use torque wrenches to undo fixings.
8. Have your torque wrench regularly calibrated. The frequency of this requirement varies but a good guide in a average size automotive workshop would be every two years.
9. When setting your wrench always wind up to the setting not down to. For example if the wrench has previously been used set at 150Nm and you now want to set it to 50Nm you should return to less than 50Nm then adjust up to 50Nm. This ensures the setting is correct.
10. Your torque wrench is a precision tool. Do not abuse, drop or throw the wrench.

The calibration of Conformance in accordance with ISO 6789-1 supplied is generated when the wrench was tested for accuracy by the manufacturer. It has no valid "to date", that is down to the regulations the workshops work to (i.e. in some ISO cases can be every six months). Tool Connection cannot recalibrate a torque wrench.