

Warranty

If your torque wrench should fail or you suspect the calibration is out during the 12 months warranty period please contact our Service Department to arrange for the return.

If the torque wrench is found to be faulty an alternative will be offered or a discounted rate may be offered if there is any sign of misuse.

Service Department: 01926 818186

The Tool Connection Limited, Kineton Road, Southam, Warwickshire. CV47 0DR

Please do not return the product without consultation with our Service team.

Certificate

Certificate below for completion by manufacturer.

Part Number:	
Serial No. (if applicable):	
Description:	
Range:	
Tested at:	Test Results:
Date calibration tested:	
Accuracy: +/-	

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



www.lasertools.co.uk

Guarantee



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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.

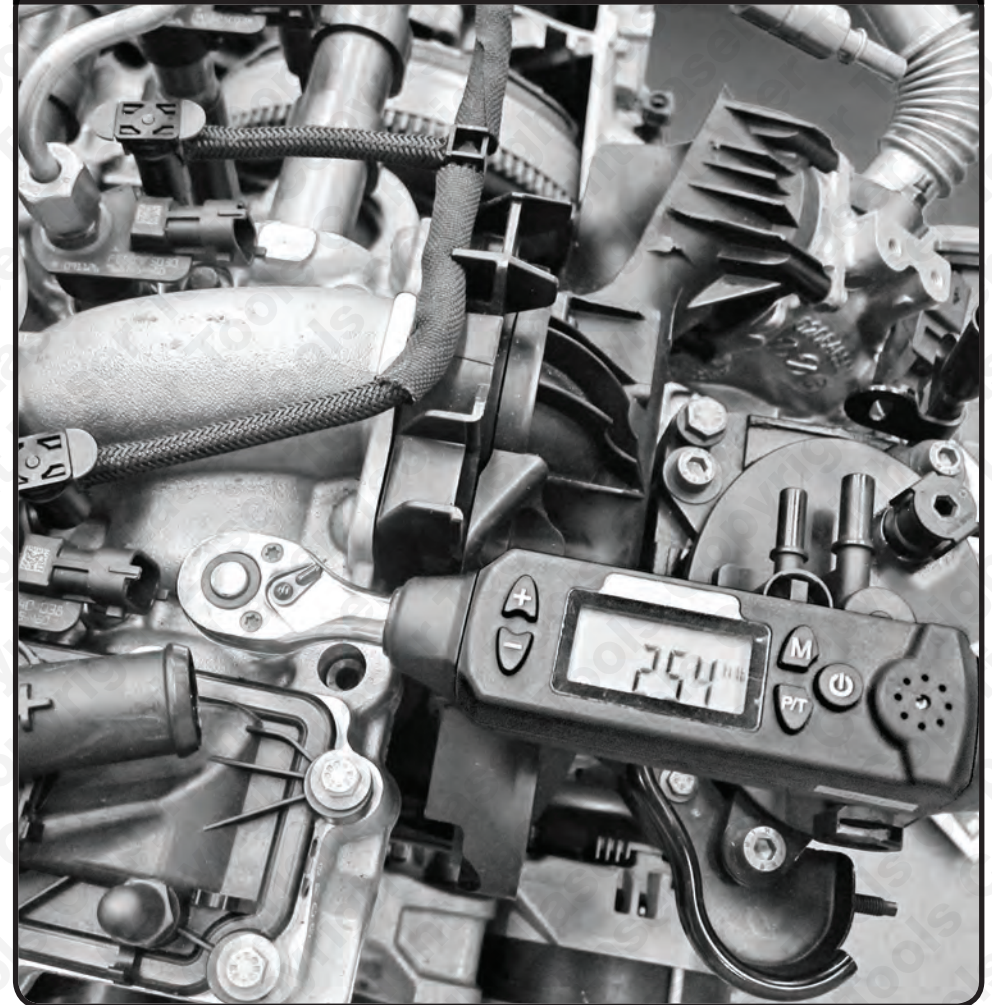
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LASER[®]

Part No. 5167

Digital Torque Wrench

6-30Nm | 1/4"D



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Reference Form

NOTES:

Display Range:	1-30Nm
Accuracy Range:	6-30Nm
Drive:	1/4"D
Units Scales & Features:	Nm ft/lb in/lb Kg/cm. Bi-directional, automatic shut-off 150 secs, memory-preset for up to 10 readings, 240mm long, 2 X AAA batteries.
Repair kits available:	Part No. 0967

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 will be found on the instruction along with the manufacturers Certificate of Calibration.

Introduction

We would like to thank you for purchasing this Laser Tools torque wrench and hope it gives you many years of service.

Our warranty policy for this precision tool is 12 months from date of purchase. Your purchase receipt is the 'start of use date' and this receipt should be kept somewhere secure in case the goods are found to be faulty and need to be returned or you require a calibration test within twelve months.

The date on the calibration certificate supplied with your torque wrench and also stamped on the handle is the date the wrench was tested after being assembled by the manufacturer and is not the 'start of use date'.

We recommend you complete the above form with the purchase details and attach your receipt to the reverse.

We understand that the use of torque wrenches is vital in all garage and workshop environments but we have enclosed our Tech Torque booklet on torque wrenches and hope you find the information useful.

Maintenance of this precision tool is essential to ensure its continued service so we would like to remind you how to store and preserve its functionality.

Maintenance

- Always ensure your torque wrench is maintained in a dry, clean environment.
- Store the torque wrench in the case in which it was provided.
- Use a soft cloth to clean the tool and the display.

Reasons for Torque Wrench Malfunction

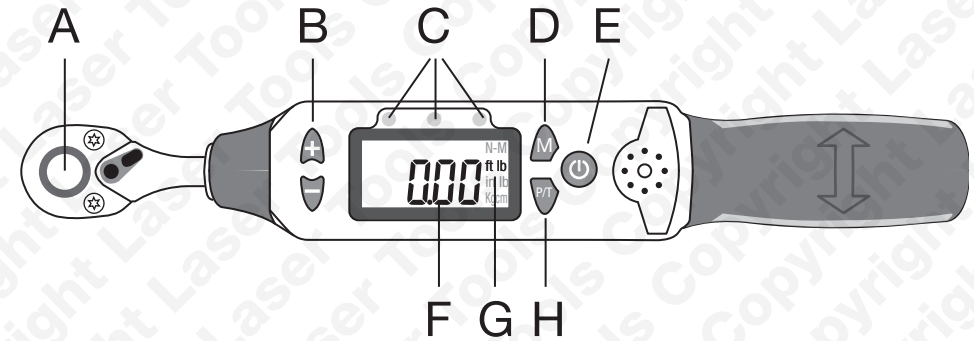
- Dropping or shaking the torque wrench.
- Overloading the recommended torque.
- Not using the torque wrench for a long period of time.
- Using the torque wrench in serious hot or cold conditions ($0^{\circ}<50^{\circ}\text{C}$), humidity or direct sunlight.
- Using it to break a bolt (undoing).
- Using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

Precautions:

- Never use an extension bar.
- Never use a length of pipe to extend the handle of your torque wrench.
- Never submerge the wrench in water.
- Never clean the wrench with organic solvents.
- Do not dismantle the wrench.
- Tighten in a slow and controlled manner and stop applying pressure immediately the torque wrench indicates the required setting has been reached. **Tightening too quickly will result in an inaccurate final torque figure.**
- Do not press the M and On/Off buttons together (**D** and **E**) as the system will enter the calibration mode.

Features

- A** Quick release mechanism
- B** + and - controls
- C** LEDs
- D** (M) Memory Pre-Set button
- E** On/Off button (also used for LED backlight illumination)
- F** Digital display
- G** Units indicator
- H** Peak/Trace button



Safety First. Be Protected.

Instructions

How to select the unit measurement scale:

1. Press Memory Pre-Set and Peak/Trace buttons together (**D** and **H**).
2. Release to select different torque measurement scales (Nm | ft/lb | in/lb | Kg/cm).
3. The unit value will automatically change when the measurement scale is selected.

How to select torque settings and use the torque wrench:

1. Select and hold the + **control** (**B**) until the required torque figure is reached.
2. The target will display for 10 seconds then revert to 0.00.
3. To reduce the setting press and hold the - **control**.
4. Again this will display for 10 seconds then revert to 0.00.
5. Steadily apply torque to the fastener.
6. The three white LEDs (**C**) will flash and an intermittent warning buzzer will sound when you are 20% away from the target torque.
7. When full torque is reached the three LEDs will stop flashing (stay on) and a constant tone will be heard.
8. The required torque figure has been reached so do not apply further torque.
9. Tighten in a slow and controlled manner and stop applying pressure immediately the torque wrench indicates the required setting has been reached. **Tightening too quickly will result in an inaccurate final torque figure.**

How to set peak and trace modes:

1. Press and release the Peak/Trace button (with the wrench turned On).
2. The display will show **PtoP** (Peak)* or **trACE** (Trace)*.
3. The display will revert to 0.00 after 2 seconds.
4. * — Peak display stays at highest torque setting reached; Trace display follows torque setting being applied, then returns to 0.

Memory Pre-Set Measurements:

The Memory Pre-Set function lets the operator store a torque figure setting. There are 10 available store positions.

1. Turn the wrench On with On/Off button (**E**).
2. Press the M button and release.
3. The display will show the memory number **P01** then the torque setting for that memory pre-set position..
4. Press M again for the next memory pre-set position.
5. The torque setting for any of the pre-set positions can be changed at any time by using the + or - controls (**B**) to adjust the setting. Then press the M button again to set. This will take you to the next memory pre-set position, but when you cycle back to the original position the new setting will be displayed.

Turning off:

1. If you do not use the wrench for 150 seconds the tool will turn off automatically.
2. To manually turn off the wrench press the On/Off button (**E**) button and hold for approximately 3 seconds.
3. The next time the torque wrench is switch on, the last used manually set torque figure (not a pre-set) will be remembered.

LED Backlight illumination:

1. Press and release the On/Off button (E) to switch the LED backlight on or off.

Changing the Batteries

The torque wrench is powered by two (2) AAA batteries (2 x AAA supplied).

1. The battery cover is on the reverse of the instrument body. Open battery cover by undoing the two screws (PH1 screw).
2. Install 2 x AAA batteries with negative (-) end against spring.
3. Screw the cover firmly into place.
4. If the battery is in poor condition the (🔋) icon will appear.
5. Dispose of batteries according to local authority guidelines.
6. Always remove batteries if the tool is stored and not in constant use.