

Using The Torque Wrench

- For first time use, or after a long period without use, adjust wrench up and down a few times 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.
- When finished using the instrument, wind back the adjustment ferrule until the legend STOP appears in the in the adjustment indicator sight window (refer to Figure 1). Take care not to turn the adjuster lower than the STOP 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.

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.



Safety First. Be Protected.

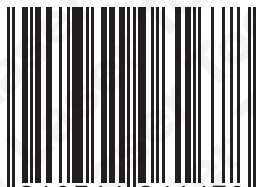
Guarantee

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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LASER[®]

6167

Torque Wrench Set

Instructions



6167 Torque Wrench 1/4"D

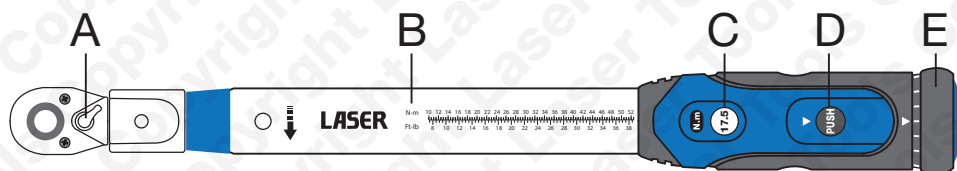
High quality and accurate detachable-head, mechanical torque wrench supplied with a 1/4" drive ratchet head plus a selection of open ended spanner heads which enables accurate tensioning of difficult to access fasteners.

- Particularly suitable when changing the cambelt, for critical items like idler pulleys, tensioner pulleys, balance shafts, etc, where access at the front or side of the engine is often tight.
- Torque setting can be locked for continuous accurate work.
- Sealed neck keeps dust and grit away from the torque mechanism for longer tool life.
- Comfortable, ergonomic design.

Features

- Display Range: 10 - 50 Nm (7.4 - 36.9 ft/lb)
- Accuracy: $\pm 4\%$
- Unit Scales & Features: Nm - ft/lb reference scale on body of wrench.
- Right-hand thread torque measurement only.
- Reversible 1/4" drive ratchet head.
- 8 open ended spanner heads: 7, 8, 9, 10, 11, 12, 13, 14mm.
- Ratchet head repair kit available - Part No. 2796.
- Supplied with calibration certificate.
- Supplied in fitted plastic blow-mould case for security.

Controls



Description	
A	Ratchet left / right control
B	Nm - ft/lb reference scale
C	Torque adjustment indicator sight window
D	Adjustment ferrule release button
E	Adjustment ferrule

Adjusting the Torque Setting

Refer to Figure 1:

1. Push ferrule release button (D).
2. Pull back adjustment ferrule (E).
3. Turn adjustment ferrule clockwise to increase (anticlockwise to decrease) the torque setting which is displayed in the adjustment indicator sight window (C).
4. To lock at the desired setting, press button D again and push back the adjustment ferrule.
5. When finished using the instrument, wind back the adjustment ferrule until the legend STOP appears in the adjustment indicator sight window (refer to Figure 1). Then replace instrument in case.

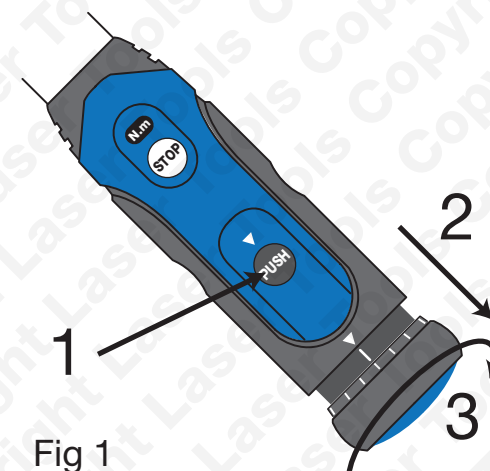


Fig 1

Changing the Head

Refer to Figure 2:

1. Depress spring-loaded ball to release head.
2. Remove existing head.
3. Fit desired head and push fully home until it clicks into place.

Note: Although instrument is designed for measuring torque in a clockwise direction (right-hand thread) only, the heads can be fitted at 180° which will let torque be set in an anticlockwise (left-hand thread) direction if the application requires it. To subsequently release the head, use a small screwdriver or suitable implement to push in the spring-loaded locating button on the head, accessed through the small hole at the end of the wrench body.

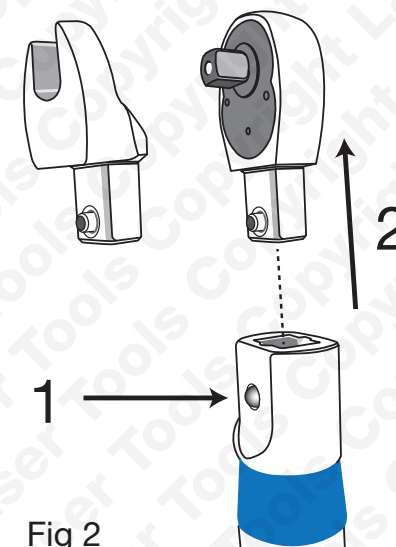


Fig 2