Torque Limiting Screwdrivers

Instructions Part Number P17050 Issue 4

How to use and care for your TLS Preset Torque Screwdriver

Tool Specification

Models: TLS 0022, Minor, Standard, TLS 1360 (Torque Range from 0.04 – 13.6 N.m)

Repeatability: +/- 6% of Torque Setting

ISO 6789 Class: Type 2, Class F

Calibration Period: Every 12 Months or 5000 cycles minimum

Mechanism: Slipping - Incorrect tightening is impossible



EPA Compliant: ESD versions only

Safety & Maintenance

- This Torque Tool is a precision instrument and should be used for its intended purpose only
- Only hold the tool using the handgrip
- Always ensure that the tool is in correct alignment with the fastener
- Torque tools should be regularly calibrated and inspected to ensure correct operation
- Ensure the tool is clean and free from oil, grease and water before use
- Do not use extension bars to increase the leverage of the handle
- Never dip into cleaning fluid or petroleum

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check setting: How to adjust your Torque Screwdriver

Use a Torque Analyser

To adjust the torque setting:

Use the supplied hexagon key to remove the end cap in an anti-clockwise Direction. Also remove the T-bar where fitted.



Note the 2.0mm Hexagon key and adjuster locking screw are not required on the TLS 0022 and Minor range.

To increase the torque:

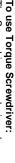
Using the 2.0mm hexagonal key once required Clockwise. Tighten the locking screw to 1.5N.m 3/16" hexagon key into the adjuster and turn locking screw by 1/2 a turn. Insert the torque value is reached. Use a 2.0mm hexagon key to loosen the adjuster



To reduce the torque:

and turn anti-clockwise below the required setting, locking screw by 1/2 a turn. Use a 2.0mm hexagon key to loosen the adjuster hexagonal key once required torque value is reached Tighten the locking screw to 1.5N.m using the 2.0mm then turn clockwise to approach the new value Insert the 3/16" hexagon key into the adjuster

confirm the torque setting. Take 10 consistent readings on the Analyser to



for use with sockets, screwdriver bits and blades The Screwdrivers are designed



Servicing Information

ensure it continues to perform correctly. Regular servicing of your Torque Tool by competent personnel is important to