

Torque Limiting Screwdrivers

Instructions Part Number
P-17050 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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How to adjust your Torque Screwdriver

check setting:

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:

Use a 2.0mm hexagon key to loosen the adjuster locking screw by ½ a turn. Insert the 3/16" hexagon key into the adjuster and turn Clockwise. Tighten the locking screw to 1.5N.m Using the 2.0mm hexagonal key once required torque value is reached.

To reduce the torque:

Use a 2.0mm hexagon key to loosen the adjuster locking screw by ½ a turn. Insert the 3/16" hexagon key into the adjuster and turn anti-clockwise below the required setting, then turn clockwise to approach the new value. Tighten the locking screw to 1.5N.m using the 2.0mm hexagonal key once required torque value is reached.

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

To use Torque Screwdriver:

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

⚠ Servicing Information

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

