

Prestacycle Torque Tools

Owner's Manual

Introduction

This manual covers the operation and care of Prestacycle torque tools, including Pro TorqKeys, TorqRatchet Go Lite, and TorqRatchet Elite Lite. These tools are designed for precise tightening of bicycle components where correct torque is essential for performance and safety.

All Prestacycle torque tools are designed so that bolts can be loosened without damaging the calibration mechanism. This allows the tool to be safely used for both installation and removal of fasteners.

General Specifications

- All Prestacycle torque tools allow bolts to be undone without affecting calibration.
- Minimum calibration life of 5,000 torque cycles.
- Precision torque control for bicycle components.
- Designed for professional mechanics and home workshops.
- Compact, portable tools suitable for travel or workshop use.

Pro TorqKeys (Preset Torque Keys)

Prestacycle Pro TorqKeys are preset torque tools designed to tighten bolts to a specific torque value. Each tool is calibrated to a single torque setting.

- When tightening a bolt, continue turning until the tool reaches the preset torque value.
- You will feel and hear a distinct click or run-off action.
- This click indicates the correct torque has been reached.
- Stop tightening once the click is felt.
- The tool can also be used to loosen bolts without affecting calibration.

TorqRatchet Go Lite (Beam Gauge Torque Tool)

The TorqRatchet Go Lite uses a beam-style torque gauge that displays torque as you tighten a bolt.

- Hold the tool by the button section at the end of the handle when measuring torque.
- As torque increases, a white line moves across the beam readout.
- The position of the white line indicates the torque being applied.
- If you hold only the handle and not the button section, the gauge will not read torque.
- This allows the tool to function as a standard ratchet.

- The two-way ratchet mechanism allows both tightening and loosening of bolts.

TorqRatchet Elite Lite (Adjustable Torque Ratchet)

The TorqRatchet Elite Lite provides an adjustable torque setting with a numeric readout scale.

- Tighten the bolt until the tool reaches the selected torque value. Shown on the dial
- After each use, recalibrate the tool by winding the adjustment roller back to zero.
- The tool provides a minimum of 10,000 calibrated torque cycles.
- The ratchet mechanism allows tightening and loosening of bolts.

Important Usage Guidelines

- Always verify the required torque specification for your bicycle component.
- Apply torque slowly and smoothly.
- Stop tightening immediately once the required torque is reached
- Avoid using torque tools as breaker bars for seized fasteners.

Care and Maintenance

- Keep the tool clean and dry.
- Store in a protective case when not in use.
- Avoid dropping or impacting the tool.

Calibration Life

Prestacycle torque tools are designed for long-term precision use. Most models provide a minimum of 5,000 calibrated torque cycles. The TorqRatchet Elite Lite is rated for 10,000 calibrated cycles before recalibration may be recommended depending on usage conditions.