User Manual & Warranty

DIGITAL TORQUE SCREWDRIVER

CAPRI® TOOLS


CAPRI®
TOOLS

Contents

Features


LED Indicators
LED indicator and the buzzer activate when approaching and reaching torque
LCD Panel
High contrast for easy reading from any position
Autolock Bit Holder
Rapid change, universal 1/4" hex bit
Programming Buttons
9 pre-settable target torques, 50 data memory, Track Mode and Peak Mode
Buzzer
Anti-Slip Handle
Prevents slipping and keeps firm grip
CAPRI
U/S
M
C
±2% CW Accuracy
±3% CCW Accuracy
DUAL Directions
ilac-MRA

Proper Usage Precautions

- Do not use the torque screwdriver to loosen screws
- Over-torque (over 110% of maximum torque value) could cause breakage or loss of accuracy
- Torque screwdriver is a precision instrument. Do not drop the torque screwdriver or use the torque screwdriver as a hammer
- Do not apply excessive force to the LCD panel
- Hold the center of the handle and apply torque slowly. Do not apply load to the end of handle
- Dataport is not used in this model

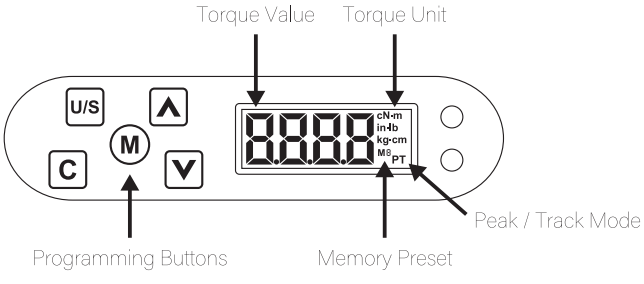
Safety Precautions

- Read all instructions in this manual before using the torque screwdriver
- Wear proper eye protection when using the torque screwdriver
- Do not leave the torque screwdriver in any place exposed to excessive heat, humidity, or direct sunlight
- Do not use the torque screwdriver in water (It is not waterproof)
- If the torque screwdriver gets wet, wipe it with a dry towel as soon as possible
- Do not use organic solvents such as alcohol or paint thinner when cleaning the torque screwdriver
- Keep the torque screwdriver away from magnets
- Do not expose the torque screwdriver to dust or sand

Care and Maintenance

- Do not lubricate the torque screwdriver
- Wipe clean only with a clean cloth
- Store the torque screwdriver in its storage case
- When the torque screwdriver is not used for an extended period of time, remove the battery
- Re-calibrate the torque screwdriver at a qualified calibration lab every year
- When recalibrating, use the calibration bit included in the case

* see page 22 for more calibration information

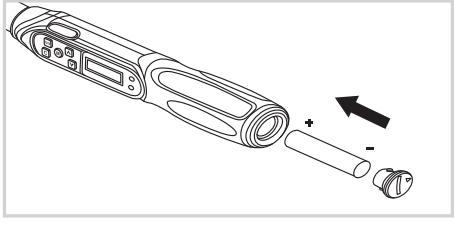


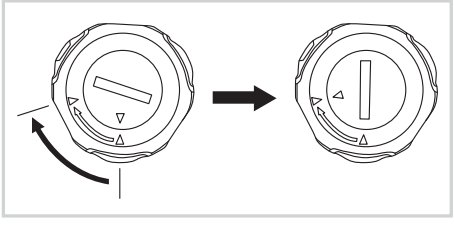
Programming Buttons

- C — Power On/Clear
- U/S — Unit Selection
- M — Memory Presets
- ∧ ∨ — Torque Value Adjustment

Battery Installation

1. Remove the battery cap.
2. Insert one AAA battery.
3. Put on the battery cap as illustrated below and turn the cap clockwise to tighten.





Power On And Clear The Torque Screwdriver

1. Press C to power on the torque screwdriver.
2. Press C to clear the torque screwdriver before each use.

⚠ **Note:** If an external force is applied to the torque screwdriver during power-on period, an initial torque offset will be recorded in the memory.

Auto Power Off

The torque screwdriver automatically powers off after idling for 5 minutes. Press C to power on the torque screwdriver again.

Reset The Torque Screwdriver

If the torque screwdriver does not function normally, loosen the battery cap and then tighten it to reset the torque screwdriver.

Step 1: Select a Preset Memory Slot

*Note 1, 2

⚠ Note:

1. The torque screwdriver has 9 presets.
2. Over-torque (over 110% of maximum torque value) will cause the LCD panel to persistently display ErO. Recalibration is required to restore accuracy and clear the error.

Step 2: Select a Torque Unit

Unit Selection: cN-m | Unit Selection: in-lb | Unit Selection: kg-cm

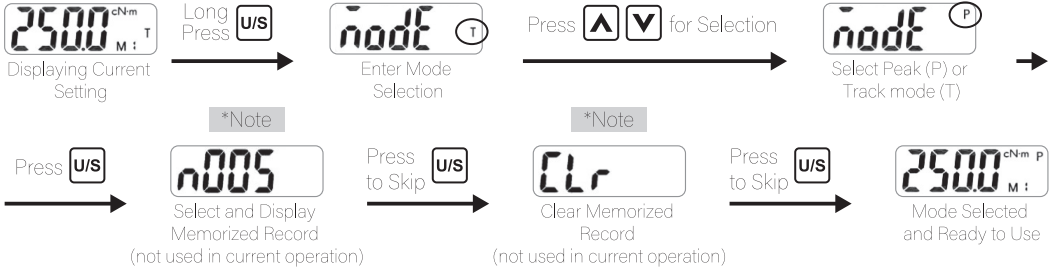
Step 3: Set Target Torque

Preset Target Torque | Increase Torque Value | Decrease Torque Value

Track Mode vs. Peak Mode

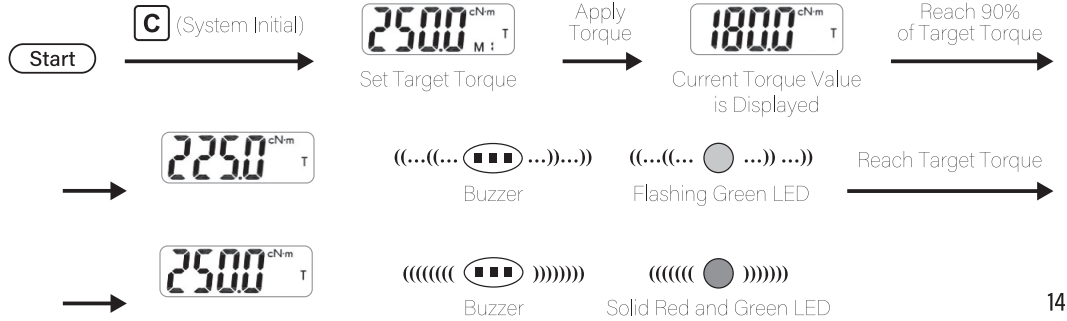
When you apply force to fasten with the torque screwdriver, Track Mode displays the real time torque being applied, and Peak Mode displays the highest torque that has been applied since you begun. In Peak Mode, you can also store torque readings and recall them from system memory for review.

Step 4: Select Track Mode or Peak Mode

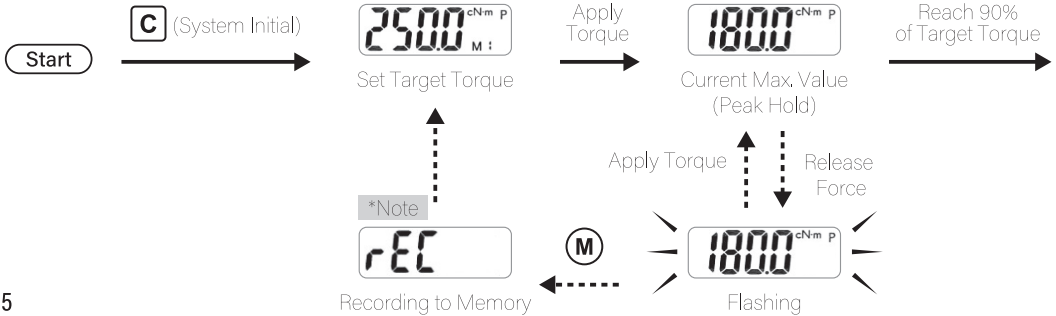


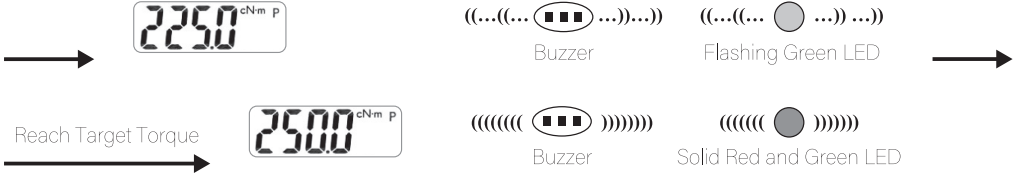
*Note: The function is not used during mode selection. Please skip function by pressing U/S to continue to the next step.

Step 5.1: Track Mode Operation



Step 5.2.1: Peak Mode Operation

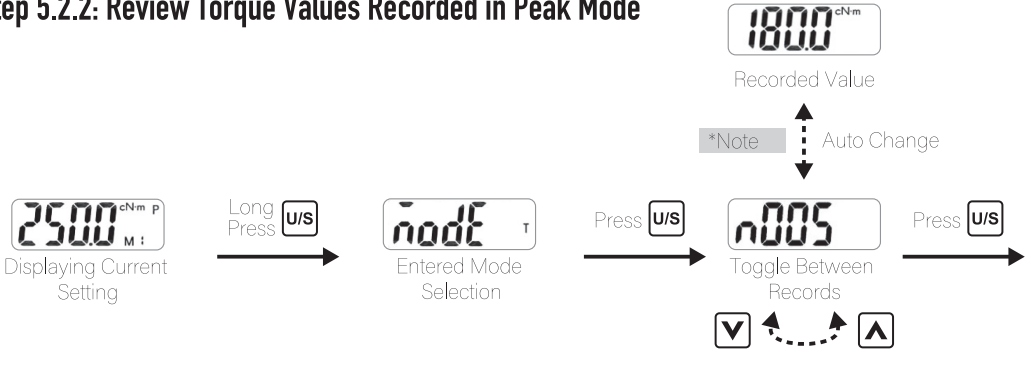


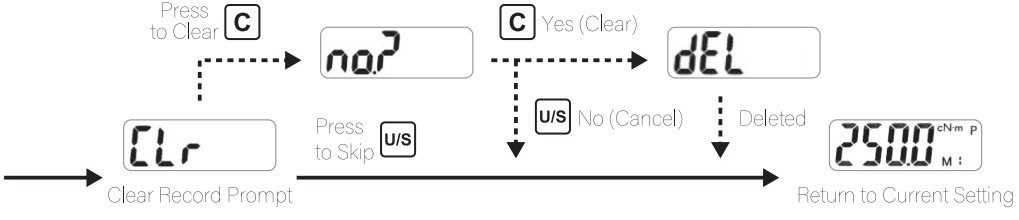


⚠ **Note:**

1. If the LCD panel displays `Full`, the system memory is full. Follow instructions in Step 5.2.2 to clear system memory before continuing.

Step 5.2.2: Review Torque Values Recorded in Peak Mode



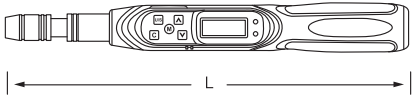


⚠ **Note:**
If the record is empty, it will display nonE .

Specifications

- High contrast LCD display
- Accuracy: ±2% CW, ±3% CCW
- Peak mode and Track mode
- 9 memory torque presets
- Auto power off
- Memory for 50 torque readings
- One AAA battery included (compatible with rechargeable batteries)
- Displays torque values in cN-m, in-lb and kg-cm

±2% CW Accuracy | ±3% CCW Accuracy | DUAL Directions | ilac-MRA



Model No.		Torque Range	Resolution	L (in.)	wt (lbs)
CP26000-50	1/4"	0.44-4.42 in-lbs / 5-50 cNm / 0.51-5.1 kg-cm	0.1 cNm	7.99	0.41
CP26000-200		0.88-17.7 in-lbs / 10-200 cNm / 1.02-20.41 kg-cm			
CP26000		1.77-35.39 in-lbs / 20-400 cNm / 2.04-40.82 kg-cm			

PH0 | 5 mm

Operating Temperature	(14°F ~ 140°F -10°C ~ 60°C)
Storage Temperature	(-4°F ~ 158°F -20°C ~ 70°C)
Operating and Storage Humidity	Up to 90% non-condensing
Drop Test	1 m
Vibration Test	10G
Environmental Test	Pass
Electromagnetic Compatibility Test	Pass

⚠ Note:

1. The accuracy of the readout is guaranteed from 20% to 100% of maximum range + /- 1 increment. The torque accuracy is a typical value. Calibration point is on the rubber grip. Calibrate the torque screwdriver every year at a qualified calibration lab.
2. Vibration Test: Horizontal and vertical test.
3. Environmental test:
   a. Dry heat b. Cold c. Damp heat d. Change of temperature
   e. Impact (shock) f. Vibration g. Drop
4. Electromagnetic compatibility test:
   a. Electrostatic discharge immunity (ESD) b. Radiated susceptibility
   c. Radiated emission

Calibration Standards

Conformance tests have been performed and the torque tool has met the quality requirements per ISO 6789-1.2017. The measurement device used to perform conformance tests has been calibrated in accordance with ISO 6789-2.2017 and meets the traceability requirements per ISO 17025:2017.

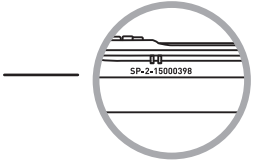
1 Year Limited Warranty

This Capri Tools® product includes a limited one year warranty against defects from workmanship and materials. This applies to the original purchaser only, to products purchased and used in North America, and does not cover abuse, misuse or regular wear and tear. For additional information, contact us at: (888) 723-0550 or email us at: support@capritools.com.

Certificate of Conformance

Each of our torque tool has been tested for its quality and accuracy in accordance with ISO 6789-1:2017. A Certificate of Conformance is included and a unique serial number traceable back to our laboratory is assigned to each torque tool.

It is recommended to perform ISO 6789-1:2017 quality conformance tests every 12 months or 5,000 cycles (whichever comes first) beginning with your first operation of the torque tool.



Have Questions?

If you are experiencing problems with this products, contact our customer service for product support and assistance. We are here to help.

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