Capri Tools CP26000-200

Capri Tools Digital Torque Screwdriver CP26000-200 User Manual

Model: CP26000-200

1. Introduction

This manual provides instructions for the safe and effective operation, maintenance, and troubleshooting of the Capri Tools Digital Torque Screwdriver, Model CP26000-200. This precision instrument is designed for accurate torque application in both clockwise (CW) and counter-clockwise (CCW) directions, suitable for electronics, computer equipment, and other delicate instruments requiring specific torque values.
The screwdriver features a torque range of 0.88-17.7 in. lbs. (10-200 cNm / 1.02-20.41 kg-cm) with high accuracy and digital controls for ease of use.

2. Safety Information

Always read and understand all safety warnings and instructions before using this tool. Failure to follow these instructions may result in injury or damage to the tool or workpiece.

- **Eye Protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields when operating this tool.
- **Proper Use:** Use this tool only for its intended purpose of applying precise torque. Do not use it as a pry bar or for other unintended applications.
- **Work Area:** Keep your work area clean, well-lit, and free of clutter.
- **Battery Safety:** Ensure correct battery polarity when installing. Remove batteries if the tool will not be used for an extended period. Do not mix old and new batteries or different types of batteries.
- **Tool Condition:** Inspect the tool before each use. Do not use if damaged.
- **Storage:** Store the tool in its protective case in a dry, secure location, out of reach of children.

3. Product Overview and Components

The Capri Tools Digital Torque Screwdriver is designed for ergonomic handling and precise control. Key components include the digital display, control buttons, bit holder, and anti-slip handle.



Figure 1: Capri Tools Digital Torque Screwdriver CP26000-200. This image shows the overall design of the digital torque screwdriver, highlighting its compact form factor and digital display.



Figure 2: Anti-Slip Handle. This image focuses on the textured grip of the screwdriver, designed to prevent slipping and ensure a firm hold during operation.

Included Components:

- Digital Torque Screwdriver
- Phillips PH0 Screwdriver Bit
- 5 mm Hex Screwdriver Bit
- 1 AAA Battery
- Premium Custom Carry Case
- Certificate of Conformance

4. Setup

4.1 Battery Installation

1. Locate the battery compartment cover, typically at the base of the handle.

2. Open the cover and insert the included AAA battery, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

4.2 Bit Installation

The screwdriver features a 1/4 inch universal hex autolock bit holder.

1. Select the appropriate screwdriver bit (e.g., Phillips PH0 or 5 mm hex).
2. Insert the bit firmly into the hex bit holder until it locks into place.
3. To remove, pull back the collar of the bit holder and extract the bit.

5. Operating Instructions

The digital torque screwdriver offers intuitive controls for precise torque settings and measurement.



Figure 3: Intuitive Controls. This image displays a close-up of the digital display and control buttons (U/S, C, M, Up, Down) for easy adjustment of torque settings and evaluation of readings.

5.1 Power On/Off

- To power on, press the 'U/S' button.
- The screwdriver will automatically power off after a period of inactivity to conserve battery.

5.2 Unit Selection

Press the 'U/S' button repeatedly to cycle through the available torque units: in. lbs., cNm, and kg-cm.



Figure 4: Ultra-Precise Torque Settings. This image illustrates the digital display showing torque values in in-lbs, cN-m, and kg-cm, along with their respective increment values (0.01, 0.1, 0.01).

5.3 Setting Target Torque

1. Press the 'M' button to enter setting mode.
2. Use the 'Up' and 'Down' arrow buttons to adjust the target torque value.
3. Press 'M' again to confirm the setting or wait for the display to return to measurement mode automatically.

5.4 Operating Modes: Peak Mode and Track Mode



Figure 5: Versatile Applications. This image highlights the screwdriver's capability to store 9 torque presets and operate in both track mode and peak mode for various applications.

- **Track Mode:** Displays the real-time torque being applied. This is useful for monitoring torque during application.
- **Peak Mode:** Records and displays the maximum torque value achieved during an application. This is useful for verifying that a specific torque was reached.
- Press the 'C' button to switch between Track Mode and Peak Mode.

5.5 Using Memory Presets

The screwdriver allows for 9 memory torque presets for quick access to frequently used settings.

1. To save a preset: Set the desired torque value, then press and hold the 'M' button until a preset number flashes. Use 'Up'/'Down' to select a preset slot (P1-P9) and press 'M' to save.
2. To recall a preset: In measurement mode, press the 'M' button briefly to cycle through saved presets.

5.6 Applying Torque and Indicators

Apply steady, controlled force to the screwdriver. The digital display will show the applied torque.

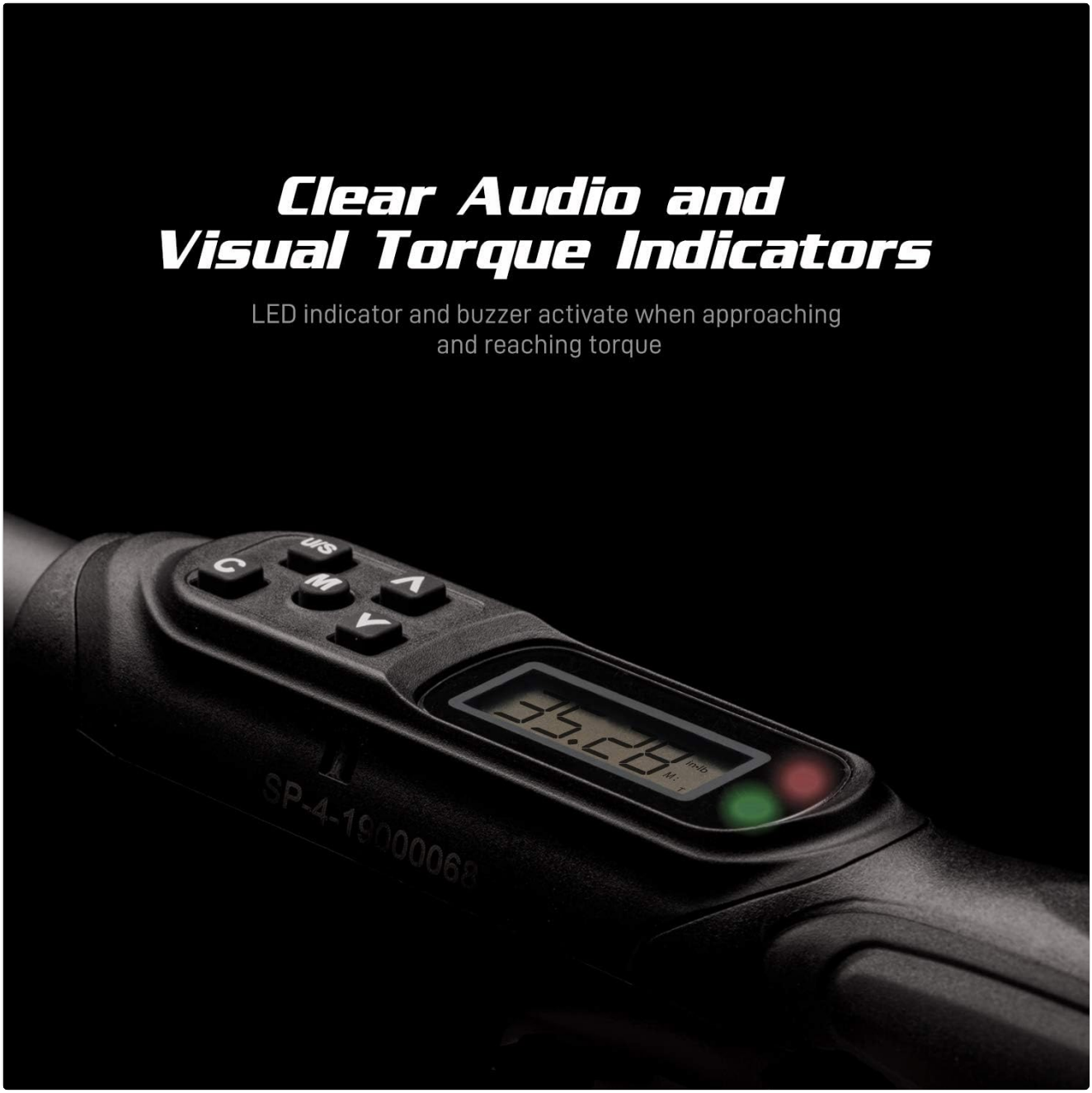


Figure 6: Clear Audio and Visual Torque Indicators. This image shows the LED indicators (green and red) and the digital display, which provide clear signals when approaching and reaching the target torque.

- **Visual Indicator:** An LED indicator will illuminate (e.g., green) as you approach the target torque. It will change color (e.g., red) and/or flash when the target torque is reached.
- **Audio Indicator:** A buzzer will sound as you approach and reach the target torque.
- Stop applying force once the target torque is reached and indicated.

6. Maintenance

6.1 Cleaning

- Wipe the tool with a clean, dry, or slightly damp cloth.
- Do not use harsh chemicals or abrasive cleaners.

- Ensure no liquids enter the digital display or battery compartment.

6.2 Storage

- Store the screwdriver in its premium custom carry case to protect it from dust, moisture, and impact.
- Remove the battery if storing for extended periods to prevent leakage.
- Store in a cool, dry place.

6.3 Calibration

This digital torque screwdriver is factory calibrated and certified in accordance with ASME B107.300-2010 and ISO 6789-1.2017. A Certificate of Conformance with an individualized traceable serial number is included.
For continued accuracy, periodic re-calibration by a qualified service center is recommended, especially after significant use or if accuracy is suspected to have degraded.

7. Troubleshooting

Problem	Possible Cause	Solution
Screwdriver does not power on.	Dead or incorrectly installed battery.	Check battery polarity. Replace with a new AAA battery.
Inaccurate torque readings.	Tool needs re-calibration; improper technique.	Ensure steady, controlled force. Consider professional re-calibration if issues persist.
Bit does not stay in holder.	Bit not fully inserted; damaged bit holder.	Ensure bit is fully inserted and collar is released. Inspect bit holder for damage.
Display is dim or flickering.	Low battery.	Replace the AAA battery.

8. Specifications



Figure 7: Exceptional Accuracy. This image highlights the screwdriver's accuracy ratings: +/- 2% CW and +/- 3% CCW, along with its NIST-traceable calibration certificate.

- **Model:** CP26000-200
- **Torque Range:** 0.88-17.7 in. lbs. / 10-200 cNm / 1.02-20.41 kg-cm
- **Accuracy:** +/- 2% CW, +/- 3% CCW (from 20-100% of max torque value)
- **Increments:** 0.01 in. lbs., 0.1 cNm, 0.01 kg-cm
- **Bit Holder:** 1/4 inch Universal Hex Autolock
- **Operating Modes:** Track Mode, Peak Mode
- **Memory Presets:** 9
- **Power Source:** 1 x AAA Battery (included)
- **Dimensions (L x W x H):** Approximately 25.4 x 26.7 x 7.6 cm (Item dimensions L x W x H: 25.4 x 26.7 x 7.6 centimetres)
- **Weight:** 544 g
- **Certifications:** ASME B107.300-2010, ISO 6789-1.2017

9. Warranty and Support

Capri Tools products are manufactured to high-quality standards. For specific warranty information and customer support, please refer to the documentation included with your purchase or visit the official Capri Tools website. Keep your purchase receipt for warranty claims.

© 2023 Capri Tools. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question