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› [VANPO Digital Torque Wrench 1/2-Inch Drive \(Model VP026\) Instruction Manual](#)

## VANPO VP026

# VANPO Digital Torque Wrench 1/2-Inch Drive (Model VP026)

Instruction Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and effective operation of your VANPO Digital Torque Wrench 1/2-Inch Drive, Model VP026. Please read this manual thoroughly before use and retain it for future reference.



Image: The VANPO Digital Torque Wrench being used on an engine, displaying its digital readout and preset torque modes.

## 2. PRODUCT FEATURES

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- **Versatile Operation:** Features a preset mode for storing up to 6 commonly used torque values.
- **Multiple Measurement Units:** Easily switch between kg-cm, Nm, in-lb, and ft-lb.
- **Peak/Track Modes:** Offers both Track mode for real-time force adjustment and Peak mode for recording maximum torque values, with a 500-set data storage function.
- **Audible and Visual Reminders:** A rapid buzzer sound and LED light (flashing green to solid red) indicate when the preset torque value is reached, preventing over-tightening.
- **Quick Release & High Precision:** Facilitates effortless accessory changes and provides  $\pm 2\%$  accuracy in clockwise direction with a dual-direction ratchet head.
- **Wide Application:** Suitable for automotive repairs, truck and heavy equipment maintenance, agricultural equipment, and industrial machinery.

## 3. PACKAGE CONTENTS

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The package includes:

- 1 x VANPO Digital Torque Wrench (Model VP026)
- 2 x AA Batteries
- 1 x Instruction Manual
- 1 x Storage Case



Image: The VANPO Digital Torque Wrench, its instruction manual, and included accessories neatly organized within its durable storage case.

## 4. SETUP

### 4.1 Battery Installation

1. Locate the battery compartment at the base of the handle.
2. Use a coin or similar flat tool to open the battery cover by rotating it counter-clockwise.
3. Insert two AA batteries, ensuring correct polarity (+/-).
4. Replace the battery cover and rotate it clockwise to secure.



Image: A visual guide demonstrating the four steps for installing AA batteries into the torque wrench handle, including opening the cover, inserting batteries, closing the cover, and pressing the 'C' button to power on.

## 4.2 Initial Calibration

After battery installation, place the wrench on a flat, stable surface. Press the power button (usually 'C' or 'M') to turn it on. The wrench will perform an automatic calibration. Wait for the display to stabilize before use.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off

- To power on, press the 'C' button.
- The wrench features an auto-sleep mode to conserve battery life. It will enter sleep mode after 3 minutes of inactivity and power off after 5 minutes.
- To manually power off, press and hold the 'C' button for 3 seconds.



Image: A diagram showing the auto-sleep mode feature, where the display turns off after 3 minutes and the device powers down after 5 minutes of inactivity.

### 5.2 Selecting Measurement Units

Press the 'U' button to cycle through the available measurement units: kg-cm, Nm, in-lb, and ft-lb. Select the unit appropriate for your task.

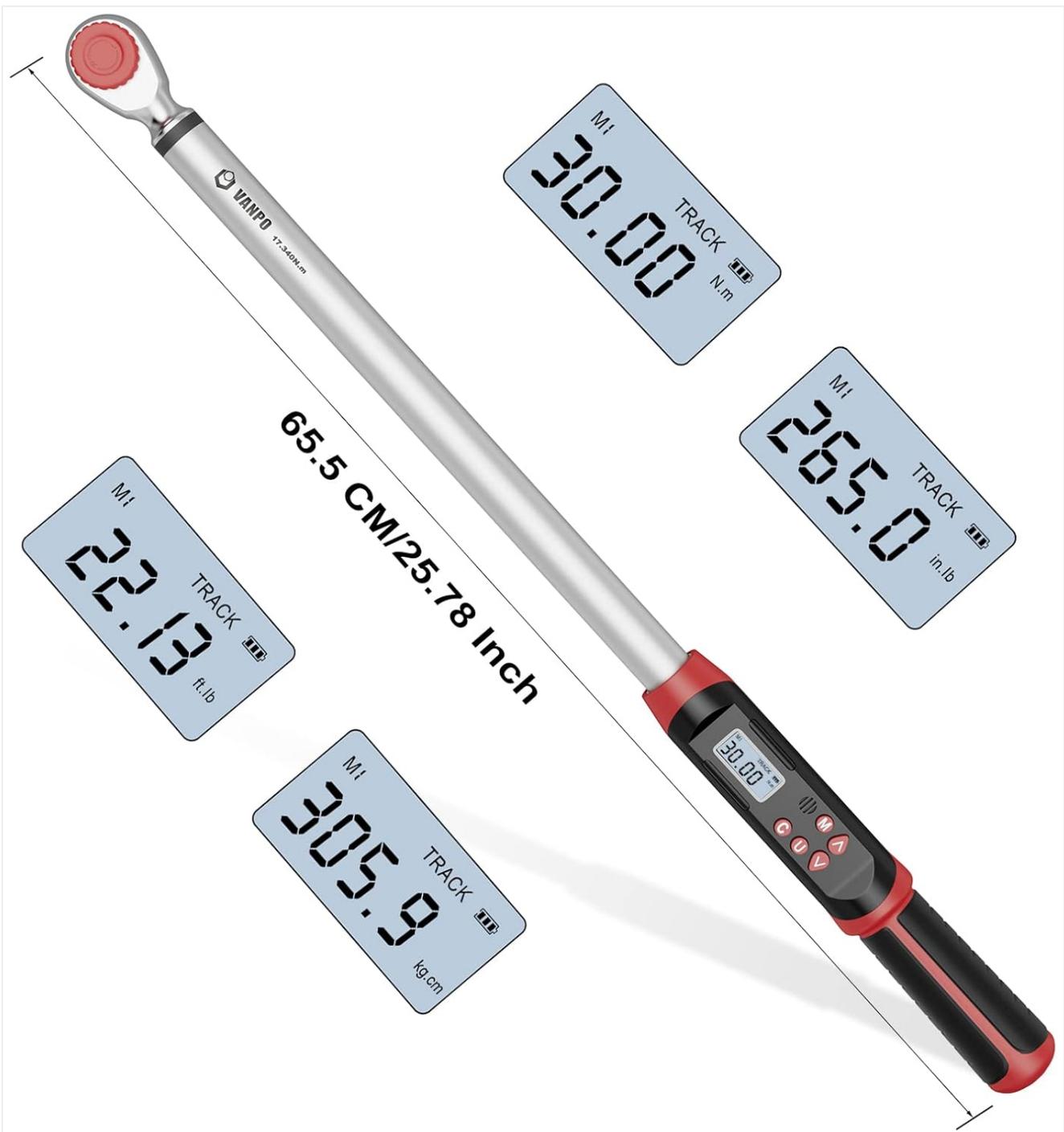


Image: The digital display of the torque wrench showing different measurement units (Nm, in-lb, ft-lb, kg-cm) and the wrench's overall length of 65.5 cm / 25.78 inches.

### 5.3 Setting Torque Values (Preset Mode)

1. Press the 'M' button to enter preset mode.
2. Use the '^' (up) and 'v' (down) buttons to adjust the desired torque value.
3. Press 'M' again to save the preset value. The wrench can store up to 6 preset values (M1-M6).
4. To lock the key buttons, press and hold the 'M' button for 3 seconds. An unlock icon will appear on the screen. To unlock, press and hold 'M' again for 3 seconds.

Your browser does not support the video tag.

Video: This video demonstrates how to power on the VANPO Digital Torque Wrench, select measurement units, set preset torque values, and lock the keys for secure operation.

### 5.4 Peak and Track Modes

- **Track Mode:** In this mode, the display shows the real-time torque being applied. This is useful for tasks requiring

continuous monitoring of force.

- **Peak Mode:** This mode captures and displays the maximum torque value achieved during an operation. The wrench can store up to 500 sets of peak data for later review.
- To switch between Peak and Track modes, press the 'U' button.



## Track Mode

Changes in torque values can be seen in real time



## Peak Mode

Record the maximum torque value during use in real time

Image: A visual comparison illustrating the difference between Track Mode, which shows real-time torque changes, and Peak Mode, which records the maximum torque value applied.

### 5.5 Applying Torque

1. Attach the appropriate socket or accessory to the 1/2-inch drive head.
2. Set your desired torque value using the preset or manual adjustment functions.
3. Apply force to the wrench. As you approach the target torque, the wrench will emit a rapid buzzer sound and the LED indicator will change from flashing green to solid red, signaling that the target torque has been reached.
4. The dual-direction ratchet head allows for both clockwise and counter-clockwise torque application.



Image: The digital torque wrench in use, showing the LED indicator and a graphic representation of the buzzer sound, signifying that the target torque has been achieved.

Your browser does not support the video tag.

Video: This video demonstrates the unboxing, battery installation, and practical application of the VANPO Digital Torque Wrench on vehicle lug nuts, highlighting its digital display and audible/visual alerts.

## 6. MAINTENANCE

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- Store the torque wrench in its protective case when not in use to prevent damage.
- Avoid exposing the wrench to extreme temperatures, high humidity, or direct sunlight.
- Do not use the wrench as a hammer or prying tool.
- Clean the wrench with a soft, dry cloth. Do not use solvents or harsh chemicals.
- Remove batteries if the wrench will not be used for an extended period to prevent leakage.
- Regularly check the accuracy of the wrench. While factory calibrated, professional calibration is recommended periodically for critical applications.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Wrench does not power on.	Dead or incorrectly installed batteries.	Check battery polarity and replace batteries if necessary.
Inaccurate torque readings.	Wrench needs recalibration or is damaged.	Perform initial calibration. If problem persists, seek professional calibration or service.
Buzzer/LED not activating.	Target torque not reached or reminder function is disabled.	Ensure target torque is set correctly. Continue applying force until the indicator activates.
Buttons unresponsive.	Keys are locked or internal malfunction.	Unlock keys by pressing and holding 'M' for 3 seconds. If still unresponsive, remove and reinsert batteries.

## 8. SPECIFICATIONS (MODEL VP026)

- **Brand:** VANPO
- **Model Number:** VP026
- **Drive Size:** 1/2-Inch
- **Torque Range:** 12.5-250.8 ft-lbs / 17-340 Nm
- **Accuracy:** ±2% (Clockwise)
- **Measurement Units:** kg-cm, Nm, in-lb, ft-lb
- **Data Storage:** 500 sets
- **Operation Mode:** Battery
- **Battery Type:** 2 x AA Alkaline (Included)
- **Material:** Chrome Vanadium Steel
- **Item Length:** 25.78 Inches
- **Item Weight:** 5.29 pounds (2400 Grams)
- **Head Style:** Fixed Square
- **Finish Type:** Polished
- **Color:** Black

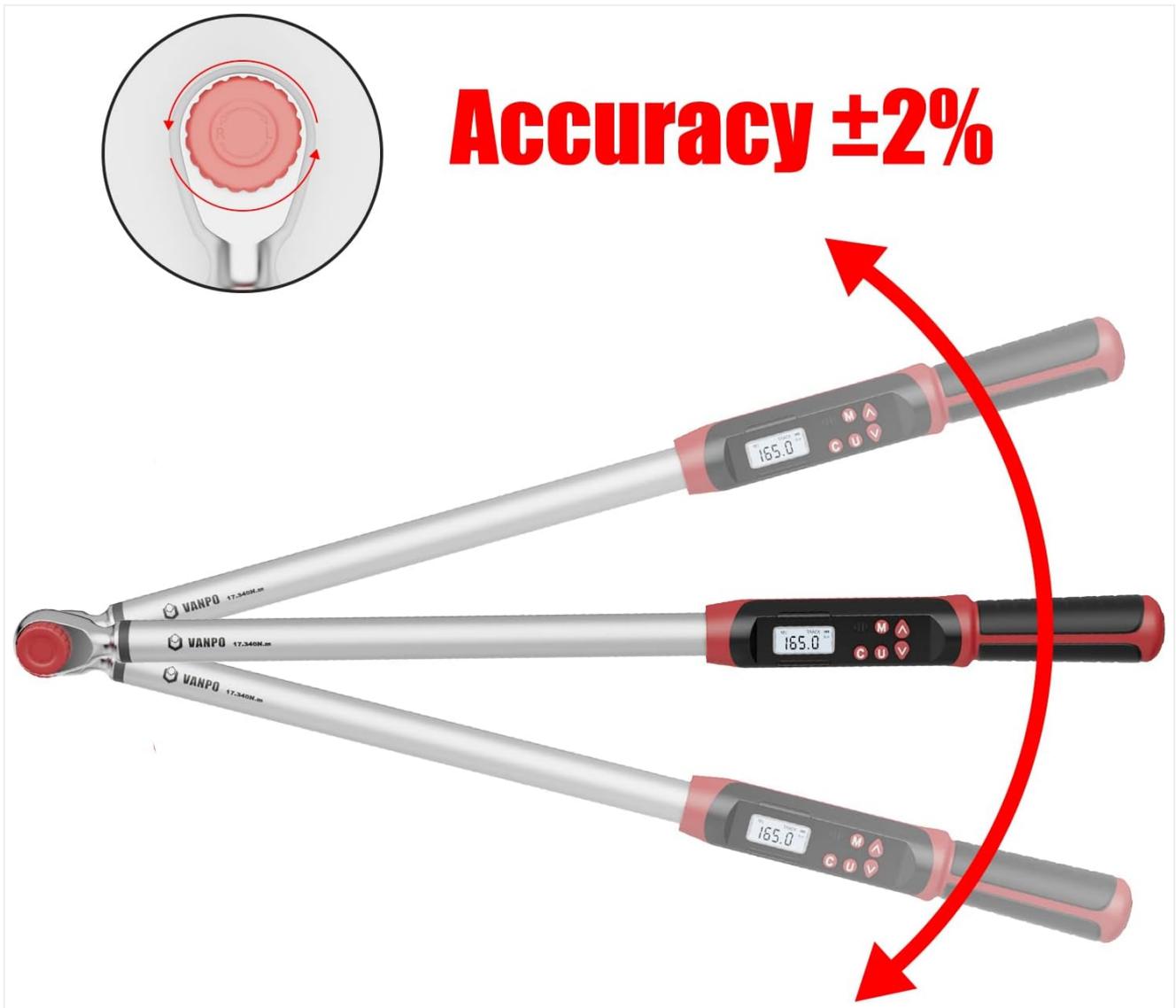


Image: The digital torque wrench with an overlay highlighting its  $\pm 2\%$  accuracy, demonstrating its precision for various applications.



Image: A collage showcasing diverse applications of the digital torque wrench, including automotive, industrial machinery, and motorcycle maintenance.

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact VANPO customer service through the retailer where the product was purchased or visit the official VANPO website. Keep your purchase receipt as proof of purchase.

### Online Resources:

- [Visit the VANPO Store on Amazon](#)

