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› GROWNEER Digital Torque Wrench (Model: Nex TW1 Pro New) - 3/8" Drive, 3-60 Nm Instruction Manual

## GROWNEER Nex TW1 Pro New

# GROWNEER Digital Torque Wrench (Model: Nex TW1 Pro New) - 3/8" Drive, 3-60 Nm

Instruction Manual

## 1. OVERVIEW

The GROWNEER Digital Torque Wrench is a precision tool designed for accurate torque application in various repair and maintenance tasks. Featuring a digital display, buzzer, and LED indicators, it ensures precise tightening to prevent under or over-tightening. This 3/8-inch drive model offers a torque range of 0.7-44.2 ft-lbs (3-60 Nm) and is suitable for automotive, motorcycle, and bicycle repair, as well as other applications requiring specific torque values.



Figure 1: GROWNEER Digital Torque Wrench

## 2. PACKAGE CONTENTS

The GROWNEER Digital Torque Wrench set includes the following items:

- Digital Torque Wrench (1 unit)
- Sockets: 14mm, 16mm, 17mm, 21mm (4 units)
- Torque Adapters (2 units)
- AAA Batteries (1 unit)
- Storage Case (1 unit)
- Extension Bar (1 unit)
- Calibration Certificate (1 unit)

# 8-In-1 Digital Torque Wrench Set

## Including:

3/8" to 1/2" adapter

3/8" to 1/4" adapter

6 inch long extension bar

4 sockets (14/16/17/21mm)



Figure 2: Included components of the 8-in-1 Digital Torque Wrench Set

## 3. PRODUCT FEATURES

- **High Accuracy:** Features a digital display with  $\pm 2\%$  accuracy for clockwise rotation and  $\pm 3\%$  for counter-clockwise

rotation.

- **Wide Torque Range:** Operates within 0.7-44.2 ft-lbs (3-60 Nm).
- **3/8" Drive Ratchet Head:** Designed for rapid replacement of different socket heads.
- **Real-Time LED Display:** Large backlit LCD display shows torque values instantly, readable in dimly lit environments.
- **Multiple Units:** Supports kg-cm, Nm, in-lb, and ft-lb modes.
- **Preset Modes:** Six preset modes allow for quick setting of common torque values.
- **Data Storage:** Stores up to 500 sets of historical data for review.
- **Audible & Visual Alerts:** Buzzer and colorful LED indicators (green for approaching, red for reaching) alert users when approaching and reaching the preset torque, preventing over-tightening.
- **Ergonomic Design:** Non-slip handle reduces hand fatigue during prolonged use.
- **Versatile Applications:** Suitable for auto repair, bike repair, E-bike and motorcycle maintenance, and gunsmithing.

# 3/8" Digital Torque Wrench



±2% Accuracy



4 Units Switch



Intelligent Alerts



Upgraded Colorful  
LCD Display



6 Preset Modes



Non-Slip Grip



Figure 3: Key Features

# Colorful LCD Indicator & Buzzer Alarm

Dual Warning for precise control

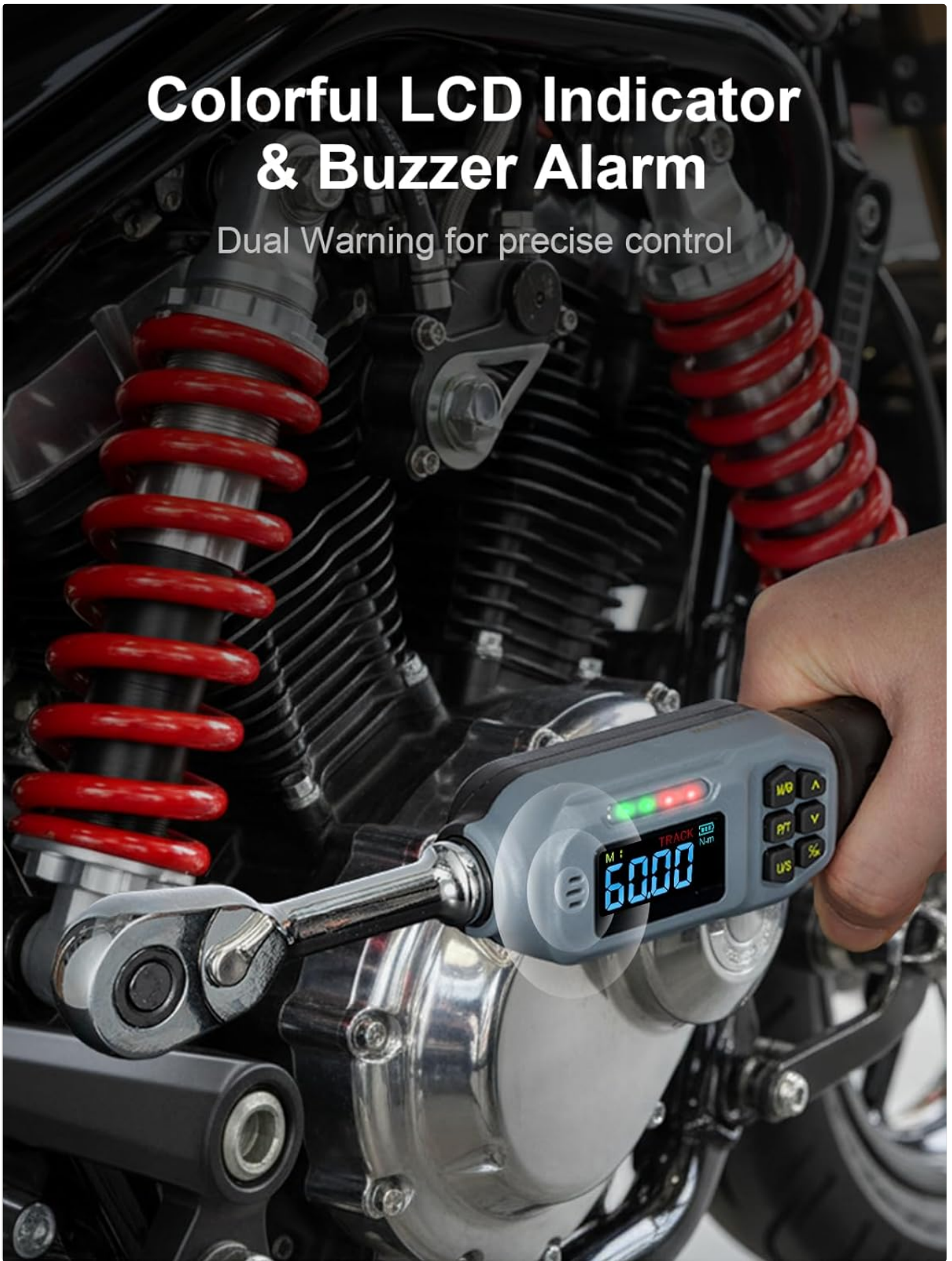


Figure 4: Colorful LCD Indicator & Buzzer Alarm

## 4. SETUP

### 4.1. Battery Installation

The digital torque wrench requires AAA batteries for operation. Use the small screwdriver provided in the kit to open the battery compartment located at the handle's end. Insert the AAA batteries according to the polarity markings, then securely close the compartment.

## 4.2. Attaching Sockets/Adapters

The wrench features a 3/8-inch drive ratchet head. To attach a socket or adapter, align it with the square drive and push firmly until it clicks into place. To remove, press the release button on the ratchet head and pull the accessory off. The included extension bar can be used for reaching fasteners in tight or recessed areas.



Figure 5: Attaching a socket

## 5. OPERATING INSTRUCTIONS

### 5.1. Power On/Off

Press the power button to turn the wrench on. The LCD screen will illuminate. The wrench will automatically power off after a period of inactivity to conserve battery life.

### 5.2. Unit Selection

Press the "U/S" button to cycle through the available torque units: Newton-meters (Nm), Foot-pounds (ft-lb), Inch-pounds (in-lb), and Kilogram-centimeters (kg-cm).

# 4 Units Options

Press the **U** button to switch



▶ N-m

▶ Kg.cm

▶ In.lb

▶ Ft-lb

Figure 6: Unit Selection

### 5.3. Setting Torque Value

Use the arrow buttons (up/down) to adjust the desired torque value. The value will be displayed on the LCD screen. The wrench supports six preset modes for quick access to frequently used torque settings.

# 6 Preset for Use



Figure 7: 6 Preset Modes

## 5.4. Applying Torque

Apply force to the wrench. The real-time torque value will be displayed on the LED panel. As you approach the preset torque, the wrench will emit an intermittent beep and the LED lights will flash green. Upon reaching the preset torque, the

wrench will emit a persistent beep and the LED lights will flash red, indicating that the target torque has been achieved. Stop applying force immediately to avoid over-tightening.



Figure 8: Applying Torque to a Motorcycle Component



Figure 9: Applying Torque to a Bicycle Component



Figure 10: Applying Torque to an Automotive Component

## 6. MAINTENANCE

- **Cleaning:** If the wrench accidentally gets wet, wipe it immediately with a dry towel. Avoid prolonged exposure to moisture, especially saltwater, as it may damage the internal components.
- **Storage:** Store the wrench and its accessories in the provided storage case in a dry, clean environment when not in use.
- **Calibration:** Regular calibration is recommended to maintain accuracy. Refer to the included calibration certificate for details.

## 7. TROUBLESHOOTING

- **Inaccurate Readings:** Ensure the wrench is properly calibrated. Avoid overloading the wrench beyond 120% of its maximum torque value, as this can cause damage and affect accuracy.
- **No Display/Power:** Check if the AAA batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Buzzer/LED Malfunction:** If the audible or visual alerts are not functioning as expected, refer to the full user manual for detailed diagnostic steps or contact customer support.

## 8. SPECIFICATIONS

Attribute	Value
Model Number	Nex TW1 Pro New
Brand	GROWNEER
Drive Size	3/8"
Torque Range	3-60 Nm (0.7-44.2 Ft-lbs)
Accuracy	±2% Clockwise, ±3% Counter-clockwise
Units	N-m, Ft-lb, In-lb, Kg-cm
Working Mode	PEAK/TRACK
Material	Chrome Vanadium Steel
Item Length	11.4 Inches (29 cm)
Operation Mode	Battery



Model

**Nex TW1 Pro New**

Chuck size

**3/8"**

Torque range

**3-60 Nm**

Unit

**N.m, Ft-Lb, In-Lb, Kg.cm**

Accuracy

**±2% clockwise, ±3% anticlockwise**

Working mode

**PEAK/TRACK**

Figure 11: Product Specifications and Dimensions

## 9. SAFETY INFORMATION

- Do not overload the wrench. Exceeding 120% of the maximum torque value may damage the wrench and lead to

inaccurate readings.

- Always ensure the correct socket or adapter is securely attached before use.
- Keep the tool clean and dry. Avoid exposure to corrosive liquids.
- Store out of reach of children.

## 10. PRODUCT VIDEOS

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### Digital Wrench for Precise Torque

Your browser does not support the video tag.

*Video 1: This video demonstrates the GROWNEER Digital Torque Wrench in use, highlighting its digital display and ease of operation for precise torque applications.*

### WATCH BEFORE BUYING - GROWNEER Digital Torque Wrench

Your browser does not support the video tag.

*Video 2: An in-depth review and demonstration of the GROWNEER Digital Torque Wrench, showcasing its features and benefits for various tasks.*

### We test drive this torque screwdriver!

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*Video 3: A practical demonstration of the torque screwdriver functionality, showing its application in a real-world scenario.*

### For any project where accuracy is key!

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*Video 4: This video emphasizes the importance of accuracy in various projects and how the GROWNEER torque wrench helps achieve it.*

### Using GROWNEER 1/4" digital torque wrench.mp4

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*Video 5: A demonstration of using a GROWNEER digital torque wrench, focusing on its practical application.*

## 11. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation included with your product or visit the official GROWNEER website. Keep your purchase receipt for any warranty claims.

