DEWALT DWMT17061

DEWALT Digital Torque Wrench DWMT17061 User Manual

Introduction

This manual provides essential instructions for the safe and effective use of your DEWALT Digital Torque Wrench, model DWMT17061. This tool is designed for precise torque application, featuring a 3/8 inch drive and a torque range of 20-100 FT-LB. Please read this manual thoroughly before operation and retain it for future reference.

Safety Information

- Always wear appropriate personal protective equipment, such as safety glasses, when operating power tools.
- Ensure the workpiece is stable and secure before applying torque.
- Do not exceed the maximum torque capacity of the wrench (100 FT-LB).
- Keep the tool clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not use the wrench if it appears damaged or is not functioning correctly.
- This tool is not insulated. Avoid contact with live electrical circuits.

Setup

The DEWALT Digital Torque Wrench DWMT17061 is designed for immediate use. No user-replaceable batteries are typically required for initial operation, as the digital components are powered by an internal system. Upon unpacking, inspect the wrench for any signs of damage.



Image: The DEWALT Digital Torque Wrench DWMT17061, showing its overall design and digital display.

Initial Inspection

1. Remove the torque wrench from its storage case.
2. Check the wrench body, head, and handle for any visible defects or damage.
3. Ensure the digital display is clear and free from obstructions.
4. Confirm the 3/8 inch drive square is clean and ready for socket attachment.

Operating Instructions

Follow these steps for accurate torque application using your digital torque wrench.

Power On/Off

- To power on, press the power button (often marked with a circle or 'ON/OFF' symbol) on the digital display panel.
- The display will illuminate, showing the current torque reading or the last set value.
- The wrench typically features an auto-shutoff function after a period of inactivity to conserve power. To manually power off, press and hold the power button.



Image: A close-up view of the digital display and control buttons on the DEWALT torque wrench.

Setting Torque Value

1. With the wrench powered on, use the 'Up' (▲) and 'Down' (▼) arrow buttons to adjust the desired torque value.
2. The display will show the value increasing or decreasing in precise increments.
3. Once the desired torque is set, the wrench is ready for use. Some models may require a confirmation press.

Changing Measurement Units

- The wrench supports multiple measurement units, including FT-LB, IN-LB, and NM.

- Press the 'U/S' (Units/Settings) button to cycle through the available units. The active unit will be displayed on the screen.



Image: The handle section of the DEWALT torque wrench, highlighting the unit selection and control buttons.

Applying Torque

1. Attach the appropriate 3/8 inch drive socket to the wrench head.
2. Place the socket onto the fastener.
3. Apply steady, smooth pressure to the wrench handle. The digital display will show the real-time torque being applied.
4. As you approach the set torque value, the wrench will provide an audible and/or visual alert (e.g., a beep, vibration, or flashing light on the display).
5. Stop applying pressure immediately once the set torque value is reached and the alert is activated.

Maintenance

Proper maintenance ensures the longevity and accuracy of your DEWALT Digital Torque Wrench.

Cleaning and Storage

- After each use, wipe the wrench clean with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the wrench is completely dry before storing.
- Store the torque wrench in its provided storage case to protect it from dust, moisture, and impact.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.



Image: The DEWALT Digital Torque Wrench securely placed within its durable, clear yellow storage case.

Calibration

Digital torque wrenches are precision instruments and may require periodic calibration to maintain accuracy. Refer to DEWALT's official support channels for recommended calibration intervals and services.

Troubleshooting

If you encounter issues with your DEWALT Digital Torque Wrench, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Wrench does not power on.	Internal battery depleted or fault.	Ensure the wrench has been charged if it is a rechargeable model. If not, contact DEWALT support for service.
Inaccurate torque readings.	Wrench requires calibration; improper technique.	Ensure smooth, steady pull. Avoid jerking motions. Consider professional calibration if accuracy issues persist.
Display is dim or flickering.	Low internal battery.	Charge the wrench if applicable. If the issue persists, contact support.
Wrench does not click or alert at set torque.	Faulty mechanism or digital alert system.	Cease use immediately and contact DEWALT customer service for repair or replacement.

Specifications

Key technical specifications for the DEWALT Digital Torque Wrench DWMT17061.



Image: A detailed view of the 3/8 inch drive head, indicating its size and robust construction.

Feature	Detail
Model Number	DWMT17061
Drive Size	3/8 inch
Torque Range	20-100 FT-LB (28-135 Nm)
Measurement Units	FT-LB, IN-LB, NM
Display Type	Backlit LED Screen
Head Style	Fixed Square
Handle Material	Bi-material (Blend, Rubber)

Feature	Detail
Included Components	Torque Wrench, Storage Case
Power Source	Internal (hand_powered operation with digital assistance)



Image: The DEWALT Digital Torque Wrench being used, illustrating its application for achieving professional results.

Warranty and Support

Warranty Information

This DEWALT Digital Torque Wrench is covered by a Manufacturer Warranty. For specific details regarding the warranty period, coverage, and terms, please refer to the warranty card included with your product or visit the official DEWALT website.

Customer Support

For technical assistance, service, or to inquire about calibration services, please contact DEWALT customer support. Contact information can typically be found on the DEWALT official website or on the product packaging.

No official product videos were found in the provided data for embedding in this manual.

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.

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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.

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