

## DEWALT DWMT81535

# DEWALT DWMT81535 247-Piece Mechanic Tool Set Instruction Manual

Your comprehensive guide to the DEWALT DWMT81535 Mechanic Tool Set.

## INTRODUCTION

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This manual provides essential information for the safe and effective use of your DEWALT DWMT81535 247-Piece Mechanic Tool Set. This set includes a wide array of ratchets, sockets, a bit driver with specialty and nut bits, combination wrenches, and hex keys, designed to address various mechanical tasks. The tools feature a full polish chrome finish for corrosion resistance and are organized within a durable case with metal latches for easy storage and transport.



*Image: The complete DEWALT DWMT81535 247-Piece Mechanic Tool Set, neatly arranged with its robust carrying case.*

### Product Overview Video

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*Video: An official DEWALT product video showcasing various tools and their applications, highlighting the brand's commitment to quality and durability across its range.*

## SETUP

Upon receiving your DEWALT DWMT81535 Mechanic Tool Set, perform the following steps:

1. **Unboxing:** Carefully open the packaging and remove the tool case. Inspect the case for any signs of damage during transit.
2. **Initial Inspection:** Open the durable tool case by releasing the metal latches. Verify that all 247 pieces are present and securely seated in their designated compartments. Refer to the 'Includes' image for a visual guide of the contents.
3. **Familiarization:** Take a moment to familiarize yourself with the layout of the tools. The case is designed for organized storage, ensuring each tool has its specific place.



*Image: The DEWALT 247-Piece Mechanic Tool Set case fully opened, displaying the organized arrangement of all tools, including sockets, wrenches, and bits.*

## OPERATING INSTRUCTIONS

The DEWALT DWMT81535 set provides a comprehensive range of tools for various applications. Follow these guidelines for optimal use:

## Ratchets

- **72-Tooth Design:** The ratchets feature a 72-tooth count, allowing for a 5-degree arc swing. This design provides enhanced maneuverability in restricted or tight spaces, improving efficiency.
- **Quick-Release Button:** Easily attach and remove sockets using the quick-release button on the ratchet head.
- **Directional Switch:** Use the switch on the ratchet head to change the direction of rotation (tighten or loosen).



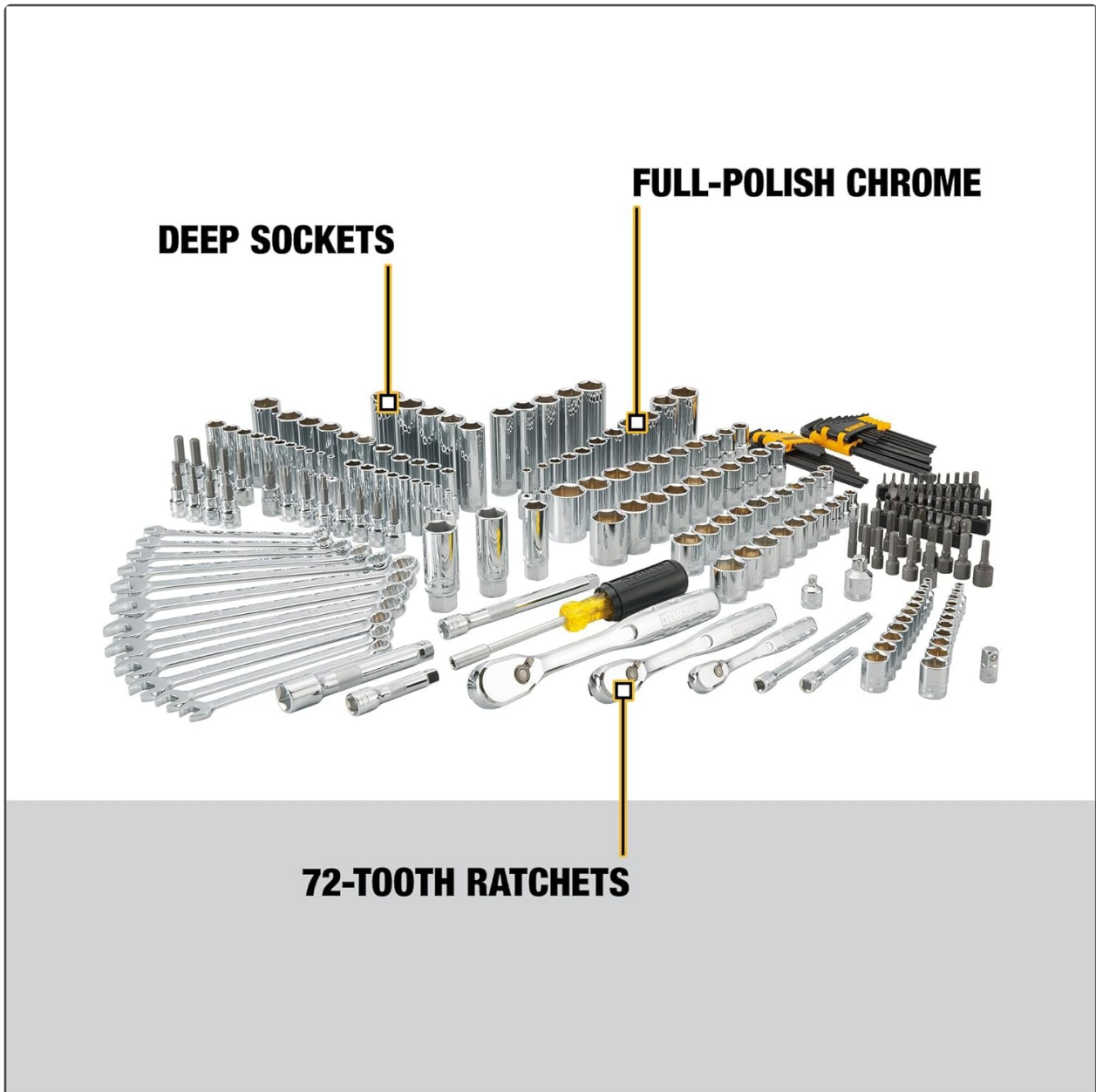
**INCLUDES 72 TOOTH  
COUNT RATCHETS**  
ALLOW FOR A 5 DEGREE ARC SWING FOR  
MANEUVERABILITY IN RESTRICTED AREAS

*Image: A close-up view of a hand operating a DEWALT 72-tooth ratchet, demonstrating its use in a confined engine space.*

## Sockets

- **DirectTorque Technology:** Sockets are designed with DirectTorque Technology to help prevent rounding of fasteners and improve grip.
- **SAE and Metric Sizes:** The set includes both SAE and Metric sockets in 1/4 in., 3/8 in., and 1/2 in. drive sizes.

- **Deep Sockets:** Utilize deep sockets for fasteners that require extra reach or have extended threads.
- **Bit Sockets:** The set includes hex and Torx bit sockets for specialized fasteners.



*Image: A visual representation of various DEWALT sockets, including deep sockets, and the 72-tooth ratchets, emphasizing their design features.*

## Combination Wrenches

- The set includes a selection of combination wrenches for various fastening needs. Use the open end for quick adjustments and the box end for a more secure grip.



*Image: A hand applying a DEWALT combination wrench to a bolt, illustrating its practical use in a mechanical context.*

### **Bit Driver and Hex Keys**

- **Anti-Slip Driver Handle:** The bit driver features an anti-slip handle for maximum comfort and control during prolonged use.
- **Specialty Bits:** Utilize the included specialty and nut bits with the bit driver for specific fastener types.
- **Hex Keys:** The set provides a range of hex keys for hexagonal fasteners.



## VINYL, ANTI-SLIP DRIVER HANDLE PROVIDES MAXIMUM COMFORT

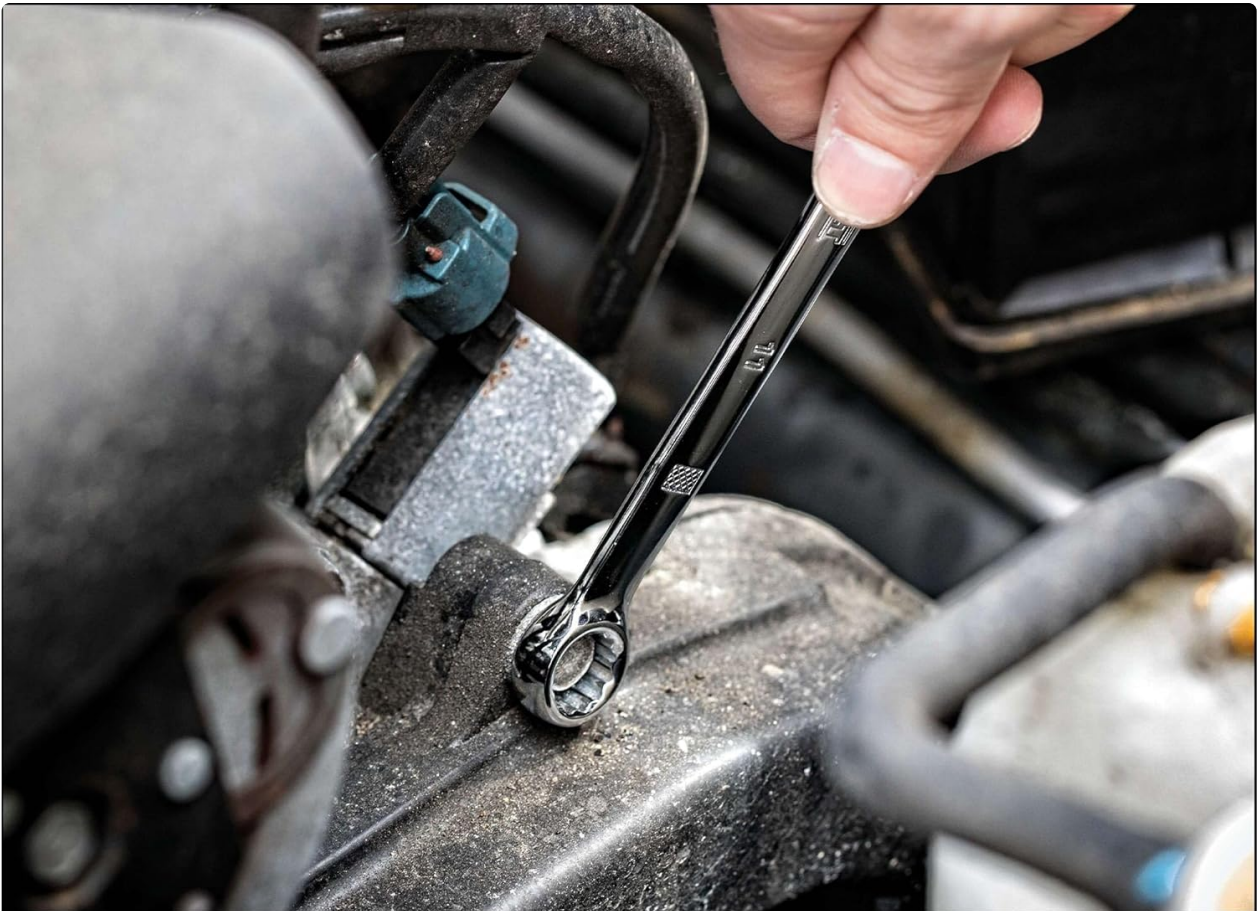
*Image: A detailed view of the DEWALT bit driver, highlighting its vinyl anti-slip handle designed for comfortable and secure grip.*

### MAINTENANCE

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Proper maintenance ensures the longevity and performance of your DEWALT tools:

- **Cleaning:** After each use, wipe down tools to remove dirt, grease, and debris. A clean cloth is usually sufficient. For stubborn grime, use a mild degreaser and dry thoroughly.
- **Corrosion Resistance:** The tools feature a full-polish chrome finish for enhanced corrosion resistance. However, avoid prolonged exposure to moisture or harsh chemicals to maintain this finish.
- **Storage:** Always return tools to their designated spots within the durable case. The metal latches ensure the case remains securely closed, protecting the tools from damage and loss. Store the case in a dry environment.



# **CORROSION RESISTANCE**

## **POLISHED CHROME VANADIUM FINISH**

*Image: A close-up of a DEWALT wrench, emphasizing its polished chrome finish which provides excellent corrosion resistance.*



## **DURABLE CASE** WITH METAL LATCHES PROVIDES PROTECTION AND STORAGE FOR YOUR TOOLS

*Image: The DEWALT DWMT81535 tool case, highlighting its durable construction and secure metal latches for tool protection and organized storage.*

### **TROUBLESHOOTING**

While the DEWALT DWMT81535 set is designed for durability and reliability, you may encounter minor issues:

- **Tools Falling Out of Case:** Some users have reported that certain tools, particularly smaller sockets or those along the edges, may become dislodged if the case is handled roughly or opened incorrectly. To mitigate this, ensure the case is always opened with the 'DEWALT' logo facing upwards, as this orientation helps keep the lower half's tools in place.
- **Missing Sizes:** The set is comprehensive, but specific sizes like a 12mm wrench might not be included in all configurations. Always check the contents list against your specific needs before purchase.
- **Stuck Tools:** Tools are designed to fit snugly in their compartments. If a tool is difficult to remove, apply firm, steady pressure rather than excessive force to avoid damage to the tool or the case.

### **SPECIFICATIONS**

Feature	Detail
Brand	DEWALT
Model Number	DWMT81535
Number of Pieces	247
Drive Sizes	1/4 in., 3/8 in., 1/2 in.
Measurement System	SAE, Metric
Finish Type	Polished Chrome
Ratchets	72-tooth count, 5-degree arc swing
Socket Technology	DirectTorque Technology
Driver Handle	Anti-slip
Case	Durable with metal latches
Item Weight	1 pounds (Note: This weight seems incorrect for a 247-piece set and case, typically heavier)
Product Dimensions	22.3 x 17 x 5 inches
UPC	076174815351

## WARRANTY AND SUPPORT

The DEWALT DWMT81535 Mechanic Tool Set is backed by a **Full Lifetime Warranty**. This warranty covers any included tool that breaks for any reason, with replacement fulfilled directly by DEWALT. For warranty claims or product support, please contact DEWALT customer service directly. Refer to the official DEWALT website for the most current contact information and detailed warranty terms.