

## DEWALT DCD803B

# DEWALT DCD803B ATOMIC 20V MAX Multi-Head Drill/Driver Instruction Manual

Model: DCD803B

## 1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your DEWALT DCD803B ATOMIC 20V MAX 5-in-1 Brushless Cordless Multi-Head Drill/Driver. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury.

## 2. GENERAL SAFETY INFORMATION

Always follow basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating a power tool. Wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves. Ensure the tool is switched off before making any adjustments, changing accessories, or storing the tool. Use the correct tool for your application.

## 3. PRODUCT OVERVIEW

### 3.1 Included Components

- (1) DCD803 ATOMIC 20V MAX\* Multi-Head Drill/Driver
- (1) 1/2" (13mm) Metal Chuck Attachment
- (1) 1/4" Hex Right Angle Attachment
- (1) 1/4" Hex Quick Release Offset Attachment
- (1) 1/4" Hex Quick Release Attachment
- (1) Organizer
- (2) Belt Hooks

### 3.2 Key Features

- **Multitasking Capabilities:** Includes 1/2 in. (13mm) metal chuck, 1/4 in. hex right angle, 1/4 in. hex quick release offset, and 1/4 in. hex quick release attachments for diverse applications.
- **Swift Switching:** Designed for effortless transition between tasks using the included attachments.
- **Access Tight Spaces:** The right angle attachment allows access to hard-to-reach areas.
- **Secure Connection Indicator:** A yellow collar around the chuck indicates secure attachment.
- **Organizational Aid:** The included organizer can be mounted on a wall or used with belt hooks for convenient storage of the drill/driver and its heads.
- **Powerful Performance:** Delivers increased power for demanding applications in confined spaces.

### 3.3 Product Views



Figure 1: DEWALT DCD803B Multi-Head Drill/Driver with the 1/4 inch hex quick release offset attachment installed.



Figure 2: DEWALT DCD803B Multi-Head Drill/Driver with the 1/4 inch hex quick release attachment installed.



Figure 3: DEWALT DCD803B Multi-Head Drill/Driver with the 1/2 inch (13mm) metal chuck attachment installed.



## HELP MAXIMIZE ORGANIZATION

### MOUNTABLE ORGANIZATION OR BELT HOOKS FOR HANGING

Figure 4: The included organizer for storing up to four attachment heads. It can be wall-mounted or used with belt hooks.

## 4. SETUP

### 4.1 Battery Installation

1. Ensure the drill/driver is switched off.
2. Align the battery pack with the tool's battery port.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the battery release button and slide the battery pack out.

### 4.2 Attaching and Removing Heads

1. Ensure the drill/driver is switched off and the battery is removed for safety.
2. To attach a head: Align the desired attachment head with the tool's output shaft. Push the attachment onto the shaft until the yellow collar indicates a secure connection.
3. To remove a head: Grasp the attachment head firmly. Pull the yellow collar back and simultaneously pull the attachment head straight off the tool.

## 5. OPERATING INSTRUCTIONS

The DEWALT DCD803B offers versatility with its interchangeable heads. Always select the appropriate head for the task at hand.

### 5.1 Using the 1/2" (13mm) Metal Chuck Attachment

- This attachment is suitable for standard drilling and driving applications requiring larger bits or accessories.
- Insert the drill bit or driver bit into the chuck jaws.
- Rotate the chuck collar clockwise to tighten the jaws around the bit until it is securely held.
- To release, rotate the chuck collar counter-clockwise.

### 5.2 Using 1/4" Hex Quick Release Attachments (Right Angle, Offset, Standard)

- These attachments are designed for quick bit changes with 1/4" hex shank accessories.
- To insert a bit: Pull the quick release collar forward, insert the hex shank bit, and release the collar. The bit will lock into place.
- To remove a bit: Pull the quick release collar forward and pull the bit out.
- The **Right Angle Attachment** is specifically designed for working in extremely tight spaces where a straight drill/driver cannot fit.
- The **Offset Attachment** provides an alternative angle for driving screws close to edges or in confined corners.

### 5.3 General Operation

- **Speed Control:** The tool features variable speed control via the trigger. Pressing the trigger further increases the speed.
- **Direction Control:** Use the forward/reverse selector switch to choose the desired rotation direction. Ensure the switch is in the neutral (locked) position when not in use or when changing attachments.
- **Clutch Settings:** Adjust the clutch collar to the appropriate torque setting for driving screws. Higher numbers indicate higher torque. For drilling, set the collar to the drill icon.

## 6. MAINTENANCE

### 6.1 Cleaning

- Regularly clean the ventilation slots of the tool to prevent overheating.
- Use a soft brush or dry cloth to remove dust and debris. Do not use water or chemical cleaning agents.
- Keep the chuck and attachment mechanisms free from dirt and grime to ensure smooth operation.

### 6.2 Storage

- Store the tool and its attachments in a dry, secure location out of reach of children.
- The included organizer can be used for wall-mounting or with belt hooks for convenient storage of the drill/driver and its heads.
- Remove the battery pack from the tool before storing for extended periods.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed; Forward/reverse switch in locked position.	Charge battery and ensure it is fully inserted; Move forward/reverse switch to operating position.
Reduced power or performance	Low battery charge; Incorrect clutch setting; Worn or dull bit.	Recharge battery; Adjust clutch to higher setting or drill mode; Replace bit.
Attachment head not securing	Debris in connection point; Attachment not fully engaged.	Clean connection points; Ensure attachment is pushed firmly until yellow collar indicates secure connection.

If you encounter issues not listed here or if solutions do not resolve the problem, contact DEWALT customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	DEWALT
Model Number	DCD803B
Power Source	Battery Powered (20V MAX*)
Drill Type	Combination Drill
Included Components	(1) DCD803 ATOMIC 20V MAX* Multi-Head Drill/Driver, (1) 1/2" (13mm) Metal Chuck Attachment, (1) 1/4" Hex Right Angle Attachment, (1) 1/4" Hex Quick Release Offset Attachment, (1) 1/4" Hex Quick Release Attachment, (1) Organizer, (2) Belt Hooks
Material	Metal
Drilling Capacity Wood	0.5 Inches
Drilling Capacity Metal	0.5 Inches
UPC	885911959919
Date First Available	August 16, 2025

## 9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the

official DEWALT website. DEWALT typically offers a limited warranty on its power tools, covering defects in material or workmanship.

## Customer Support

If you have any questions, require technical assistance, or need to arrange for service, please contact DEWALT customer support. You can find contact information and additional resources on the official DEWALT website: [Visit the DEWALT Store on Amazon](#) or search for "DEWALT official website" online.