DEWALT DCS356D1

DEWALT 20V MAX XR Oscillating Multi-Tool Kit (DCS356D1)

Instruction Manual

Product Overview

The DEWALT 20V MAX XR Oscillating Multi-Tool Kit (DCS356D1) is a versatile cordless power tool designed for a wide range of applications including cutting, sanding, scraping, and grinding. It features a powerful brushless motor for extended runtime, a 3-speed selector for application-specific control, and a Quick-Change accessory system for easy blade changes. This kit includes the brushless 3-speed oscillating multi-tool, 28 popular cutting and sanding attachments, an accessory storage box, a universal accessory adaptor, one 2.0Ah battery, a charger, and a tool bag.



Image: The complete DEWALT 20V MAX XR Oscillating Multi-Tool Kit, including the tool, battery, charger, accessory storage box, and various attachments.



Image: A detailed view of the DEWALT Oscillating Multi-Tool highlighting its key features: the brushless motor, LED light, Quick-Change accessory system, and 3-speed selector.

Safety Information

WARNING:

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and gloves, when operating the tool.
- Ensure the tool is disconnected from the power source (battery removed) before making any adjustments, changing accessories, or performing maintenance.
- Keep work area clean and well-lit. Cluttered or dark areas invite accidents.
- 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. Distractions can cause you to lose control.
- Use the correct accessory for the application. Using an incorrect accessory may result in injury or damage to the

tool.

Setup and Assembly

Battery Installation and Charging:

1. Ensure the battery is fully charged before first use. Connect the charger to a standard power outlet.
2. Slide the battery pack into the charger until it clicks into place. The charger's indicator light will show the charging status.
3. Once charged, press the battery release button and slide the battery pack out of the charger.
4. To install the battery on the tool, align the battery pack with the tool's battery port and slide it in until it clicks securely.
5. To remove the battery from the tool, press the battery release button and pull the battery pack out.

Accessory Installation:

1. Ensure the tool is off and the battery pack is removed.
2. Locate the Quick-Change accessory lever on the tool head.
3. Pull the lever open to release the accessory clamp.
4. Align the desired accessory (blade, sanding pad, etc.) with the tool's accessory mount. The universal accessory adaptor allows compatibility with most oscillating tool accessories.
5. Push the lever back to securely clamp the accessory in place. Ensure the accessory is firmly seated before operation.



Image: A visual representation of all included components in the kit, such as the tool, battery, charger, various blades, sanding pad, and accessory storage box.

Operating Instructions

Powering On/Off:

- To turn the tool on, slide the safety switch forward and then depress the variable speed trigger.
- To turn the tool off, release the variable speed trigger. The bright LED light illuminates dark work surfaces for accurate cutting and will remain on for approximately 20 seconds after the trigger is released.

Speed Control:

- The tool features a 3-speed selector switch located on the top of the tool.

- Select the appropriate speed setting (1, 2, or 3) based on the material and application. Lower speeds are suitable for delicate work, while higher speeds are for aggressive cutting or sanding.
- The DUAL-GRIP variable speed trigger provides ultimate speed and application control.



Image: The bright LED light on the DEWALT Oscillating Multi-Tool illuminates the work surface, enhancing visibility and accuracy during operation.



Image: A close-up of the 3-speed selector switch on the DEWALT Oscillating Multi-Tool, allowing users to choose between different oscillation speeds for various tasks.

Cutting and Sanding:

- For cutting, ensure the blade is sharp and appropriate for the material. Apply steady, even pressure.
- For sanding, attach the sanding pad and the desired grit sandpaper. Move the tool in a consistent pattern to achieve a smooth finish.
- The DEWALT oscillating tool guide system allows you to customize the depth or height for accurate repeatability.



Image: The brushless motor of the DEWALT Oscillating Multi-Tool provides efficient power delivery and extended runtime, crucial for demanding applications.

Maintenance

General Cleaning:

- Regularly clean the tool's ventilation openings to prevent overheating. Use a soft brush or compressed air.
- Wipe down the tool's exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

Accessory Care:

- Inspect accessories (blades, sanding pads) before each use for wear or damage. Replace worn or damaged accessories immediately.

- Store accessories in the provided accessory storage box to protect them from damage and keep them organized.

Battery Care:

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly installed. Safety switch not engaged.	Ensure battery is fully charged and securely installed. Engage the safety switch before depressing the trigger.
Reduced performance or overheating.	Worn or dull accessory. Overloading the tool. Blocked ventilation openings.	Replace accessory. Reduce pressure during operation. Clean ventilation openings.
Excessive vibration.	Accessory not properly installed or damaged.	Check accessory for proper seating and damage. Replace if necessary.

Specifications

Specification	Value
Manufacturer	DEWALT
Part Number	DCS356D1
Item Weight	2.33 pounds
Product Dimensions	17.15 x 5.03 x 9.65 inches
Item Model Number	DCS356D1
Batteries	1 Lithium Ion batteries required. (included)
Style	New 20V Oscillating Tool Kit
Finish	Brushed
Pattern	Kit
Power Source	Battery Powered

Specification	Value
Item Package Quantity	1
Number Of Pieces	1
Special Features	Cordless, Led Light
Included Components	(1) 2 Ah Battery, (1) Accessory Storage Box, (1) Charger, (1) DCS356 3 Speed Oscillating Multi-Tool, (1) Depth Guide, (1) Fast Cut Wood Blade, (1) Kit Bag, (1) Sanding Pad, (1) Universal Accessory Adapter, (1) Wood with Nails Blade, (25) Sheets of Sand Paper
Batteries Included?	Yes
Batteries Required?	Yes
Battery Cell Type	Lithium Ion
Date First Available	January 24, 2015

Warranty and Support

For warranty information, technical support, or to purchase replacement parts and accessories, please visit the official DEWALT website or contact DEWALT customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Official DEWALT Website: www.dewalt.com

User Manual (PDF): Download PDF Manual

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