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DEWALT DCH335X2

DEWALT DCH335X2 Cordless Rotary Hammer Instruction Manual

Model: DCH335X2
Brand: DEWALT

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DEWALT DCH335X2 Cordless Rotary Hammer. Please read this manual thoroughly before using the tool and keep it for future reference.

The DEWALT DCH335X2 is a high-performance cordless rotary hammer designed for demanding drilling and chiseling applications in concrete, masonry, and other construction materials. It features a powerful brushless motor and a robust design for durability and efficiency.

2. General Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow all instructions may result in serious injury.

- **Work Area Safety:** Keep your 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.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool. Wear a dust mask if operations create dust. Dress properly; avoid loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Safety:** Do not disassemble, drop, or damage the battery pack. Do not charge the battery pack in damp or wet locations.

3. Product Overview

The DEWALT DCH335X2 Cordless Rotary Hammer is designed for versatility and performance. Key features include:

- **Perform & Protect System:** Optimal vibration reduction to 6.6 m/s² for maximum comfort during prolonged use.
- **Brushless Motor:** Innovative motor design ensuring 50% less heat for increased longevity and autonomy.
- **LED Light:** Provides illumination for improved visibility of the work area and enhanced precision.
- **Rotation Stop:** For light chiseling work in plaster and tiles.
- **Rotation Mode:** For drilling in wood or metal.
- **Application:** Ideal for drilling anchor holes in concrete, brick, and various construction materials from 4mm to 26mm.



Figure 1: DEWALT DCH335X2 Rotary Hammer kit including the tool, battery, charger, and carrying case.

4. Setup

4.1 Battery Installation and Removal

1. To install the battery, align the battery pack with the receptacle on the tool handle. Slide the battery pack firmly into the tool until it clicks into place.
2. To remove the battery, press the battery release button (usually located on the front of the battery pack) and slide the battery out of the tool.

4.2 Attaching the Side Handle and Depth Rod

1. Loosen the side handle clamp by rotating it counter-clockwise.
2. Slide the side handle onto the front of the tool, positioning it for comfortable grip.
3. Insert the depth rod into the hole on the side handle. Adjust the depth rod to the desired drilling depth.
4. Tighten the side handle clamp by rotating it clockwise until secure.



Figure 2: Proper use of the DEWALT DCH335X2 Rotary Hammer with an attached dust extraction system for clean and safe operation.

5. Operating Instructions

5.1 Mode Selection

The DCH335X2 offers multiple operating modes. Use the mode selector switch (typically located on the side of the tool body) to choose the appropriate mode for your task:

- **Rotary Drilling Mode:** For drilling in wood, metal, plastics, and other materials that do not require hammer action.
- **Hammer Drilling Mode:** For drilling in concrete, brick, and masonry. This mode combines rotation with hammer action.
- **Chiseling Mode (Rotation Stop):** For light chiseling, chipping, or breaking in materials like plaster, tiles, or light concrete. The rotation is disengaged in this mode.

5.2 Starting and Stopping the Tool

1. To start the tool, depress the trigger switch.
2. To stop the tool, release the trigger switch.

5.3 LED Work Light

The integrated LED light illuminates the work area when the trigger is pressed, improving visibility in dimly lit conditions.

DEWALT
PERFORM & PROTECT
BRUSHLESS
54V
54V XR FLEX
18V
9.0Ah

Figure 3: The DEWALT DCH335X2 Rotary Hammer being used for overhead drilling, demonstrating its ergonomic design and power.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** Keep the tool's ventilation slots clean to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Lubrication:** The tool's internal components are factory-lubricated and do not require additional lubrication.
- **Battery Care:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. Charge batteries fully before storage and periodically during long storage periods.
- **Inspection:** Regularly inspect the tool for any signs of damage, loose parts, or worn components. If any issues are found, have the tool serviced by an authorized DEWALT service center.

7. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed	Ensure battery is fully charged and correctly inserted.
Reduced performance	Worn accessory, low battery charge, or incorrect mode selection	Replace worn accessories, charge battery, select appropriate mode.
Excessive vibration	Damaged accessory or internal component issue	Inspect accessory for damage. If problem persists, seek professional service.

For issues not listed here, or if solutions do not resolve the problem, contact an authorized DEWALT service center.

8. Specifications

- **Model:** DCH335X2
- **Brand:** DEWALT
- **Power Source:** Battery Powered
- **Battery Type:** Lithium-Ion (Li-Ion)
- **Voltage:** 54 Volts
- **Max Power:** 1910 Watt
- **Max Rotation Speed:** 1000 rpm
- **Impact Rate:** 4480 bpm
- **Impact Energy:** 3.5 J
- **Max Chuck Size:** 3 cm (30mm)
- **Product Dimensions (L x W x H):** 62 x 41 x 16.7 cm
- **Weight:** 6.4 kg
- **Special Features:** Battery Charger, Carry Case

9. Warranty and Support

Your DEWALT DCH335X2 Cordless Rotary Hammer is covered by a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical support, service, or to locate an authorized

service center, please visit the official DEWALT website or contact their customer service department.

Online Resources: www.dewalt.com

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