Dongcheng DCJZ2060i

Dongcheng DCJZ2060i Cordless Rotary Hammer Drill

User Manual

Model: DCJZ2060i | Brand: Dongcheng

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Dongcheng DCJZ2060i Cordless Rotary Hammer Drill. This versatile 3-in-1 tool features a powerful brushless motor, a high-capacity 20V lithium-ion battery, and a comfortable anti-vibration design, making it suitable for drilling, hammering, and chiseling tasks in various materials including concrete, metal, masonry, and wood.

Safety Instructions

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety

- **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 such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection. Use safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Dress properly; do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will do the job better and safer at the rate for which it was designed. Disconnect the plug from the power source and/or remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

Product Components

Familiarize yourself with the main parts of your Dongcheng DCJZ2060i Cordless Rotary Hammer Drill:

- **Chuck:** Holds drill bits and chisels securely.
- **Mode Selector:** Allows switching between drill, hammer drill, and chisel modes.
- **Trigger Switch:** Activates the tool and controls speed.
- **Forward/Reverse Switch:** Changes the rotation direction.
- **Auxiliary Handle:** Provides additional grip and control.
- **Battery Pack:** Removable 20V Lithium-Ion battery.
- **Battery Release Button:** For detaching the battery.



Figure 1: Front view of the Dongcheng DCJZ2060i Cordless Rotary Hammer Drill, showing the chuck, mode selector, and battery.




Dong Cheng
BRUSHLESS
BL MOTOR
Dong Cheng
20V MAX
2.0Ah
LITHIUM-ION

Figure 2: Side view of the drill, highlighting the brushless motor housing and ergonomic grip.

Setup

1. Charging the Battery

1. Ensure the battery pack is fully charged before first use.
2. Connect the charger to a power outlet.
3. Slide the battery pack onto the charger until it clicks into place.
4. The charger indicator light will show the charging status. Refer to the charger manual for specific light patterns.
5. Once fully charged, disconnect the battery from the charger.

2. Installing/Removing the Battery Pack

- **Installation:** Align the battery pack with the tool's base and slide it in until it locks securely.
- **Removal:** Press the battery release button and slide the battery pack out.

3. Installing Drill Bits/Chisels

- Ensure the tool is off and the battery is removed.
- Rotate the chuck collar counter-clockwise to open the jaws.
- Insert the drill bit or chisel shank fully into the chuck.
- Rotate the chuck collar clockwise to tighten the jaws securely around the bit. Pull on the bit to ensure it is firmly seated.

Operating Instructions

1. Selecting Operating Mode

The DCJZ2060i offers three modes:

- **Drill Mode (Rotation Only):** For drilling in wood, metal, and plastics. Set the mode selector to the drill icon.
- **Hammer Drill Mode (Rotation with Hammering):** For drilling in concrete, brick, and masonry. Set the mode selector to the hammer drill icon.
- **Chisel Mode (Hammering Only):** For light chiseling, chipping, or breaking. Set the mode selector to the chisel icon.

Rotate the mode selector ring to choose the desired function. Ensure it clicks firmly into place.

2. Starting and Stopping the Tool

- **To Start:** Press the trigger switch. The tool speed is variable depending on how far the trigger is pressed.
- **To Stop:** Release the trigger switch.

3. Forward/Reverse Rotation

Use the forward/reverse switch located above the trigger to select the rotation direction. Push left for forward (drilling/tightening) and right for reverse (removing screws/loosening).

4. Drilling Techniques

- Always hold the tool firmly with both hands, especially when using the auxiliary handle.
- Apply steady, even pressure. Do not force the tool.

- For hammer drilling, allow the tool's hammering action to do the work.
- When drilling deep holes, periodically withdraw the bit to clear debris.

Maintenance

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

1. Cleaning

- Always disconnect the battery before cleaning.
- Clean the tool's ventilation openings regularly to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the chuck clean and free of debris.

2. Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store fully discharged batteries for extended periods. Recharge them periodically.
- Avoid dropping or damaging battery packs.

3. Bit and Accessory Replacement

Regularly inspect drill bits and chisels for wear or damage. Replace worn accessories to maintain performance and safety.

Troubleshooting

If you encounter issues with your tool, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed	Charge battery; ensure it is clicked into place.
Reduced power or speed	Low battery charge	Recharge battery.
Bit not rotating or hammering	Incorrect mode selected; chuck not tightened	Select correct mode; tighten chuck securely.
Excessive vibration or noise	Worn or damaged bit; internal issue	Replace bit; if problem persists, contact customer support.

Technical Specifications

Feature	Specification
Model	DCJZ2060i
Brand	Dongcheng

Feature	Specification
Power Source	Battery Powered
Voltage	20V
Battery Capacity	2 Ah
Current	2 Amps
Maximum Torque	60 Newton Meters
Drill Type	Hammer Drill
Motor Type	Brushless
Product Dimensions	10 x 20 x 37 cm
Item Weight	500 grams
Material	Metal
Included Components	Power Tool



Figure 3: Size reference for the Dongcheng DCJZ2060i Cordless Rotary Hammer Drill, indicating a height of 9.5 inches (24 cm).

Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official Dongcheng website. Warranty terms and conditions may vary by region and product model.

Customer Support

If you have any questions, require technical assistance, or need to report a problem with your Dongcheng DCJZ2060i Cordless Rotary Hammer Drill, please contact Dongcheng customer support through their official website or the contact information provided in your product packaging.

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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.

Submit question