

VEVOR DJZH5025-13

VEVOR 20V Brushless Cordless Drill Driver Instruction Manual

MODEL: DJZH5025-13

Brand: VEVOR

INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your VEVOR 20V Brushless Cordless Drill Driver. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.

Key Features:

- **Powerful Brushless Motor:** Delivers 27000 RPM and 55 N·m torque for efficient drilling and screw driving.
- **Precise Speed Control:** Dual-speed settings (0-450RPM low, 0-1800RPM high) for versatile applications.
- **22 Torque Settings:** Provides precise control for various materials, minimizing surface damage.
- **All-Metal 1/2-inch Chuck:** Ensures firm grip and durability for high-speed and heavy-load tasks.
- **Long-Lasting 2000mAh Lithium Battery:** Features 1.3-hour fast charge, clear power display, and triple protection system.
- **User-Friendly Design:** Includes a non-slip handle and built-in LED light for comfortable and precise use.

SETUP

1. Battery Charging

Before first use, fully charge the lithium battery. Connect the charger to a power outlet and then connect the battery to the charger. The battery has a clear power display to indicate charging status. A full charge takes approximately 1.3 hours.



Image: VEVOR 20V Lithium Battery and Charger. The image shows the 20V 2.0Ah lithium-ion battery and its dedicated charger with a power cord.



Image: Diagram illustrating the 1.3-hour quick charge feature of the VEVOR 20V battery, highlighting the DC20V 2Ah high-efficiency output.

2. Battery Installation

Align the battery with the base of the drill handle and slide it in until it clicks securely into place. Ensure the battery is fully seated before operation.



Image: The VEVOR 20V Brushless Cordless Drill Driver with the 2.0Ah battery attached, alongside various drill bits, driver bits, a flexible extension, and a hard case.

3. Bit Installation

To install a drill bit or driver bit, twist the chuck counter-clockwise to open the jaws. Insert the bit fully into the chuck, then twist the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly held to prevent slippage during operation.

No Worries About Stripping or Loosening

Dual-Speed Variable Design

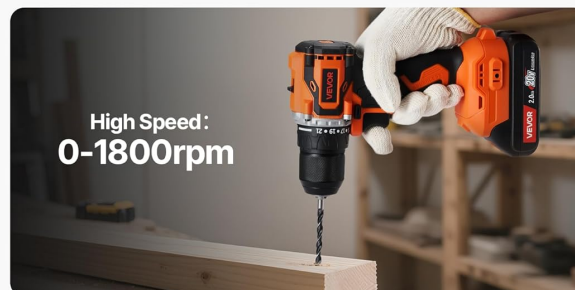
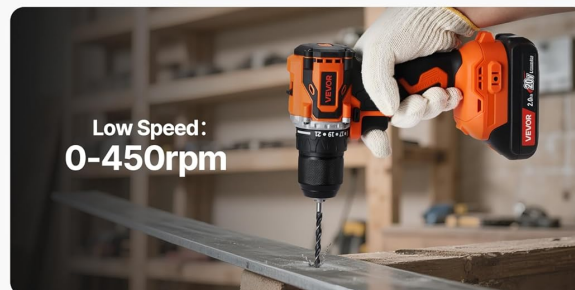


Image: A close-up view of the 1/2-inch metal chuck on the VEVOR drill, demonstrating its robust design compared to a smaller plastic chuck.

4. Belt Clip Installation (Optional)

The drill includes a belt clip for convenient carrying. Attach the belt clip to either side of the drill base using the provided screw. This allows for hands-free operation and improved work efficiency.



Image: A man on a ladder using the VEVOR drill, which is attached to his belt via a belt clip, illustrating the convenience for hands-free access.

OPERATING INSTRUCTIONS

1. Powering On/Off

To operate the drill, press the trigger switch. The speed is variable depending on how far the trigger is depressed. Release the trigger to turn off the drill.

2. Speed Control

The drill features a dual-speed gearbox located on top of the tool. Slide the switch to position '1' for low speed (0-450 RPM) for precise screw driving. Slide the switch to position '2' for high speed (0-1800 RPM) for fast drilling.



Image: An internal diagram of the VEVOR drill highlighting the brushless motor and its 55N·m torque, emphasizing powerful, long-lasting performance and fast heat dissipation.



Image: The VEVOR drill demonstrating its dual-speed variable design with a hand holding the drill, showing low speed (0-450rpm) for precise tasks and high speed (0-1800rpm) for faster drilling.

3. Torque Settings

The torque collar allows you to select from 22 torque settings, plus a dedicated drill mode. Rotate the collar to the desired setting. Lower numbers (1-8) are for screws, medium numbers (9-14) for wood and soft metals/tiles, and higher numbers (15-21) for concrete and alloy steel. The drill mode bypasses the clutch for maximum power.



Image: A close-up of the VEVOR drill's chuck and torque collar, illustrating the 21+1 precision torque settings for various applications like screw driving, wood, metal, tiles, and alloy steels.

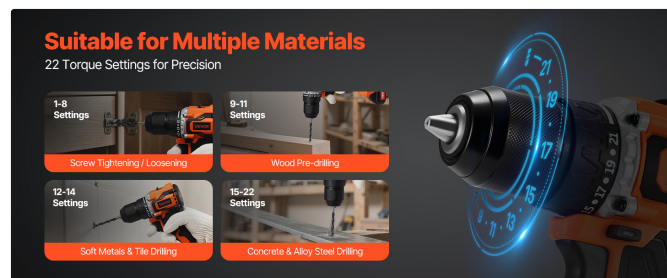


Image: A visual guide to the VEVOR drill's 22 torque settings, recommending ranges for screw tightening/loosening, wood pre-drilling, soft metals & tile drilling, and concrete & alloy steel drilling.

4. Drilling and Driving

Hold the drill firmly with both hands if necessary. Apply steady, even pressure. For drilling, start with a pilot hole if required, especially in hard materials. For driving screws, select an appropriate torque setting to prevent over-tightening or stripping.

Secure Locking for Security

1/2-inch Full Metal Chuck



**Strong Grip,
Less Slippage**



**Weaker Grip,
Easily Slips**

Image: A hand operating the VEVOR drill to create a hole in a piece of wood, demonstrating its use in a typical drilling application.

5. LED Work Light

The built-in LED light automatically illuminates when the trigger is pressed, providing improved visibility in dimly lit work areas.



Image: The VEVOR drill with its integrated LED light illuminated, casting light on the work area for enhanced visibility.

MAINTENANCE

- **Cleaning:** Regularly clean the drill's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings free of dust and debris.
- **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.
- **Chuck Maintenance:** Periodically inspect the chuck jaws for wear or damage. Clean any sawdust or debris from the chuck mechanism to ensure smooth operation.
- **Storage:** When not in use, store the drill, battery, and charger in the provided tool box in a dry, secure location.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------|---|---|
| Drill does not turn on. | Battery is not charged or improperly installed. | Ensure battery is fully charged and correctly seated in the drill. |
| Bit slips in chuck. | Chuck not tightened sufficiently or bit shank is dirty/damaged. | Tighten chuck firmly. Clean or replace the bit if necessary. |
| Drill stops during operation. | Overload protection activated or battery low. | Reduce pressure on the drill. Check battery charge and recharge if low. |

| Problem | Possible Cause | Solution |
|-------------------------|---|--|
| Reduced power or speed. | Low battery charge or incorrect speed/torque setting. | Recharge battery. Adjust speed and torque settings for the task. |

If problems persist, contact VEVOR customer support for assistance.

SPECIFICATIONS

| Feature | Detail |
|---------------------------|-----------------------------|
| Brand | VEVOR |
| Model Number | DJZH5025-13 |
| Power Source | Battery Powered |
| Motor Type | Brushless |
| Voltage | 20V |
| Battery Capacity | 2000 Milliamp Hours (2.0Ah) |
| Maximum Rotational Speed | 1800 RPM |
| Low Speed | 0-450 RPM |
| High Speed | 0-1800 RPM |
| Maximum Torque | 55 Newton Meters |
| Torque Settings | 22 + Drill Mode |
| Chuck Size | 1/2 inch Metal |
| Drilling Capacity (Wood) | 1.18 Inches (30 mm) |
| Drilling Capacity (Steel) | 0.24 Inches (6 mm) |
| Item Weight | 5.51 Pounds |
| Product Dimensions | 5.91"L x 3.15"W x 9.06"H |
| Charging Time | 1.3 hours (approx.) |

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official VEVOR product documentation included with your purchase or visit the VEVOR official website. Keep your purchase receipt as proof of purchase.

