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Milwaukee 2712-20

Milwaukee Cordless Rotary Hammer, SDS Plus (Model 2712-20)

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Milwaukee Cordless Rotary Hammer, SDS Plus, Model 2712-20. Please read this manual thoroughly before using the tool and retain it for future reference.

The Milwaukee 2712-20 is a powerful 18V cordless rotary hammer designed for demanding drilling and demolition tasks. It features an SDS Plus chuck, a brushless motor, and an anti-vibration system for enhanced user comfort and efficiency.

2. SAFETY INFORMATION

WARNING: Proposition 65 Warning

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and gloves when operating this tool. Ensure your work area is clear of obstructions and well-lit. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.

3. PRODUCT OVERVIEW

The Milwaukee 2712-20 Cordless Rotary Hammer is a robust tool engineered for professional use. Its design prioritizes power, durability, and user comfort.



Figure 1: Milwaukee Cordless Rotary Hammer, SDS Plus (Model 2712-20)

Key features include:

- **Cordless Operation:** Powered by an 18V Lithium-Ion battery (not included), offering freedom of movement.
- **SDS Plus Chuck:** For quick and secure bit changes.
- **Brushless Motor:** Provides extended tool life and efficient power delivery.
- **Anti-Vibration System:** Reduces user fatigue during prolonged use.
- **LED Light:** Illuminates the work area for improved visibility.
- **Stop Rotation:** Allows for chisel-only applications.



Figure 2: Milwaukee Rotary Hammer with adjustable D-handle for improved control.

4. SETUP

4.1 Battery Installation

The tool requires one 18V Lithium-Ion battery (not included). Ensure the battery is fully charged before use.

1. Align the battery pack with the battery port on the tool handle.
2. Slide the battery into the tool until it clicks securely into place.
3. To remove, press the release button on the battery pack and slide it out.



Figure 3: Milwaukee Rotary Hammer with an M18 REDLITHIUM battery attached.

4.2 Bit Installation (SDS Plus)

The SDS Plus chuck allows for quick and tool-free bit changes.

1. Clean the shank of the SDS Plus bit.
2. Pull back the chuck collar and insert the bit into the chuck.
3. Release the chuck collar. The bit should be held securely but allow for slight axial movement. This movement is normal for SDS Plus systems.
4. To remove, pull back the chuck collar and pull the bit out.

4.3 Auxiliary Handle Adjustment

The D-handle can be adjusted for optimal control and comfort.

1. Loosen the handle by rotating it counter-clockwise.
2. Adjust the handle to the desired position.
3. Tighten the handle by rotating it clockwise until secure.

5. OPERATING INSTRUCTIONS

5.1 Mode Selection

The Milwaukee 2712-20 offers three operating modes:



Figure 4: Close-up of the mode selector dial on the Milwaukee Rotary Hammer.

- **Hammer Drill Mode (Drill + Hammer symbol):** For drilling into concrete, masonry, and stone. This mode combines rotation with hammering action.
- **Drill Only Mode (Drill symbol):** For drilling into wood, metal, and plastic. This mode provides rotation without hammering.
- **Hammer Only Mode (Hammer symbol):** For chiseling, chipping, and light demolition work. This mode

provides hammering action without rotation.

To select a mode, rotate the mode selector dial to the desired symbol. Ensure the dial clicks firmly into place.

5.2 Starting and Stopping

To start the tool, press the trigger switch. To stop, release the trigger switch. The tool features a variable speed trigger, allowing you to control the speed by varying the pressure on the trigger.

5.3 LED Work Light

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

6. MAINTENANCE

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

- **Cleaning:** Keep the tool's ventilation openings clean and free of debris. Use a soft, damp cloth to wipe down the exterior. Do not use solvents or harsh chemicals.
- **Lubrication:** Periodically apply a small amount of grease to the SDS Plus bit shank before insertion to reduce wear and improve performance.
- **Inspection:** Regularly inspect the tool, power cord (if applicable), and accessories for any signs of damage or wear. Replace worn or damaged parts immediately.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures or moisture.

7. TROUBLESHOOTING

If you encounter issues with your Milwaukee Cordless Rotary Hammer, refer to the following common troubleshooting steps:

- **Tool Not Starting:** Ensure the battery is fully charged and properly inserted. Check if the forward/reverse switch is in the neutral (locked) position.
- **Reduced Performance:** Check the condition of the bit; a dull or damaged bit can reduce efficiency. Ensure the correct operating mode is selected for the task.
- **Excessive Vibration:** While the tool has an anti-vibration system, excessive or unusual vibration may indicate a damaged bit or an internal issue. Stop use and inspect the tool.

For persistent issues or repairs, contact Milwaukee customer service or an authorized service center.

8. SPECIFICATIONS



Figure 5: Approximate dimensions of the Milwaukee Rotary Hammer.

Specification	Value
Brand	Milwaukee
Model Number	2712-20
Power Source	Battery Powered
Voltage	18 Volts
Amperage	1.5 Amps
Maximum Rotational Speed	1400 RPM
Blows per Minute	0 to 4900 BPM
Chuck Type	SDS Plus
Impact Energy	1.7 ft.-lb.
Capacity in Concrete	1 Inch
Core Bit Capacity	2-1/2 Inches
Motor Type	Brushless
Handle Type	D-Handle
Tool Length	12-31/64 Inches
Item Weight	7.0 lb (6.93 pounds)
Material	High-carbon steel
Color	Red

9. WARRANTY AND SUPPORT

This Milwaukee Cordless Rotary Hammer (Model 2712-20) comes with a **5-year tool warranty**. For warranty claims, service, or technical support, please refer to the official Milwaukee website or contact their customer service department.

Keep your purchase receipt as proof of purchase for warranty validation.

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