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> Milwaukee 2912-20 M18 Fuel 18V 1" SDS Plus Brushless Rotary Hammer User Manual

Milwaukee 2912-20

Milwaukee 2912-20 M18 Fuel 18V 1" SDS Plus Brushless Rotary Hammer User Manual

Model: 2912-20 | Brand: Milwaukee

1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your Milwaukee 2912-20 M18 Fuel 18V 1" SDS Plus Brushless Rotary Hammer. Please read this manual thoroughly before using the tool to ensure proper function and safety.

2. GENERAL 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.

2.1 Work Area Safety

- 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. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2.2 Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- 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.

2.3 Personal Safety

- Always wear eye protection. Use appropriate personal protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions.
- Stay alert, watch what you are doing, and use common sense when operating a power tool.

2.4 Power 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.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.

3. PRODUCT OVERVIEW

The Milwaukee 2912-20 M18 Fuel Rotary Hammer is a high-performance cordless tool designed for demanding drilling and demolition tasks. It features a brushless motor for extended life and efficiency, and an SDS Plus chuck for quick bit changes.



Figure 1: Milwaukee 2912-20 M18 Fuel 1" SDS Plus Brushless Rotary Hammer. This image shows the main tool body, side handle, and SDS Plus chuck.

3.1 Key Features

- **Cordless Design:** Powered by the M18 battery system for portability.
- **Brushless Motor:** Delivers efficient power and extended tool life.
- **SDS Plus Chuck:** For quick and secure bit changes.
- **AUTOSTOP Control:** Senses bind-ups and shuts down the tool to enhance user safety.
- **Variable Speed:** Allows for precise control over drilling and hammering applications.

4. SETUP

4.1 Battery Installation and Removal

1. To install: Align the battery pack with the tool's battery port. Slide the battery pack into the tool until it latches securely.
2. To remove: Press the release button on the battery pack and slide the battery out of the tool.

Note: Use only Milwaukee M18™ batteries with this tool.

4.2 Bit Installation (SDS Plus)

1. Clean the shank of the SDS Plus bit.
2. Pull back the chuck collar and insert the bit into the chuck.

3. Rotate the bit slightly until it engages with the locking mechanism.
4. Release the chuck collar. Pull on the bit to ensure it is securely locked. The bit should have a small amount of axial play, which is normal for SDS Plus systems.

4.3 Side Handle Adjustment

Loosen the side handle grip, adjust the handle to a comfortable and secure position, then tighten the grip firmly.

5. OPERATING INSTRUCTIONS

5.1 Mode Selection

The rotary hammer features a mode selector switch to choose between different operating modes:

- **Rotary Hammer Mode:** For drilling in concrete, masonry, and stone with hammering action.
- **Hammer Only Mode:** For chiseling and light demolition work (requires chisel bit).
- **Rotary Only Mode:** For drilling in wood, metal, and plastics (requires appropriate drill bit and adapter).

Rotate the mode selector to the desired icon before starting the tool.

5.2 Starting and Stopping

- To start: Press the trigger switch. The tool's speed is variable based on trigger pressure.
- To stop: Release the trigger switch.

5.3 AUTOSTOP Control

The AUTOSTOP Control system is designed to protect the user by sensing severe bind-up situations and automatically shutting down the tool. If AUTOSTOP activates, release the trigger, clear the bind-up, and then restart the tool.

6. MAINTENANCE

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

6.1 General Cleaning

- Keep the tool's ventilation openings clear and free of debris.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Periodically clean the SDS Plus chuck to remove dust and debris that can impede bit insertion and removal.

6.2 Inspection

- Before each use, inspect the tool for any damaged parts, loose fasteners, or signs of wear.
- Check the battery pack for damage. Do not use damaged battery packs.
- If any part is damaged, have it repaired by a qualified service technician before further use.



Figure 2: Product label for the Milwaukee 2912-20 Rotary Hammer. This label provides important model, serial, and safety information, including voltage and RPM specifications.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Tool stops during operation (AUTOSTOP)	Bit bind-up detected.	Release trigger, clear obstruction, then restart.
Reduced performance	Low battery charge, worn bit, or improper mode selection.	Charge battery, replace bit, or select correct operating mode.
Bit not locking in chuck	Chuck is dirty or bit shank is damaged.	Clean chuck and bit shank. Ensure bit is SDS Plus compatible.

8. SPECIFICATIONS

Feature	Detail
Model Number	2912-20
Brand	Milwaukee
Power Source	Battery Powered
Voltage	18 Volts
Maximum Rotational Speed	1330 RPM
Amperage	4 Microamps
Drill Type	Hammer Drill

Feature	Detail
Chuck Type	SDS Plus
Drilling Capacity (Wood)	1.13 Inches
Drilling Capacity (Metal)	0.5 Inches
Item Weight	7.52 Pounds
Product Dimensions	11.5"L x 4.25"W x 9"H
Material	Metal
Special Features	Variable Speed, AUTOSTOP Control

9. WARRANTY INFORMATION

Milwaukee power tools are designed and manufactured to the highest quality standards. For detailed warranty information, please refer to the official Milwaukee website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

If you have any questions regarding the operation, maintenance, or safety of your Milwaukee 2912-20 Rotary Hammer, please contact Milwaukee customer support. Visit the official Milwaukee website for contact details and service center locations.

Website: www.milwaukeetool.com

