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Milwaukee M12 Drain Snake Kit 2571-21 User Manual

Model: 2571-21

1. INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Milwaukee M12 Drain Snake Kit, model 2571-21. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury or damage.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this drain snake to reduce the risk of fire, electric shock, or personal injury. Keep this manual for future reference.

General Safety Rules:

- **Work Area Safety:** Keep the 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 grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and non-slip footwear. Do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the tool. Use the correct tool for your application. Disconnect the battery pack from the 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.

Specific Drain Snake Safety:

- Always wear heavy-duty gloves when handling the drain snake cable. The cable can be sharp and

carry contaminants.

- Never operate the tool with the cable spinning freely outside the drain. The spinning cable can whip and cause severe injury.
- Ensure the cable is properly secured in the chuck before operation.
- Do not overextend the cable. Always maintain control of the tool and cable.
- Be aware of potential splash-back from drains, which may contain hazardous materials.

3. PACKAGE CONTENTS

The Milwaukee M12 Drain Snake Kit 2571-21 typically includes the following components:

- Milwaukee M12 Drain Snake Tool
- M12 REDLITHIUM™ Battery Pack
- M12™ Lithium-ion Battery Charger
- Storage Bucket (or similar container)
- Drain Snake Cable (pre-installed or separate)



Figure 1: Complete Milwaukee M12 Drain Snake Kit showing the tool, battery, charger, and storage bucket.

4. PRODUCT OVERVIEW

The Milwaukee M12 Drain Snake 2571-21 is designed for clearing clogs in small diameter pipes, offering a balance of portability and power.

Key Features:

- **Hybrid Design:** Combines the benefits of both handheld and floor-based drain cleaners, providing

versatility for various applications.

- **Removable Inner Drum:** This feature helps prevent cable bind-up during operation and contains mess within the drum, simplifying cleanup.
- **LED Light:** An integrated LED light illuminates the work area, which is particularly useful in dark spaces such as under sinks.



Figure 2: The Milwaukee M12 Drain Snake tool, highlighting its compact design and extended cable.

5. SETUP

5.1. Battery Installation and Charging

1. Ensure the battery pack is fully charged before first use. Connect the M12™ Lithium-ion Battery Charger to a power outlet.
2. Slide the M12 REDLITHIUM™ Battery Pack onto the charger until it clicks into place. The indicator light on the charger will show the charging status.
3. Once charged, remove the battery pack from the charger.
4. Align the battery pack with the battery port on the drain snake tool and slide it in until it locks securely.

5.2. Cable Preparation

- Verify the drain snake cable is securely seated within the inner drum and the chuck mechanism.
- Inspect the cable for any kinks, damage, or wear before each use. Replace damaged cables immediately.

6. OPERATING INSTRUCTIONS

Always wear appropriate safety gear, including heavy-duty gloves and eye protection, before operating the drain snake.

1. **Positioning:** Place the drain snake tool near the drain opening. Ensure a stable footing.
2. **Extend Cable:** Manually pull the drain snake cable out of the drum and feed it into the drain opening until it reaches the clog or resistance. Leave a small amount of slack in the cable.
3. **Secure Cable:** Engage the chuck mechanism to secure the cable. This prevents the cable from spinning freely and allows the motor to rotate the cable.
4. **Activate Tool:** Press the trigger to start the motor. The cable will begin to rotate.
5. **Clear Clog:** Gently push the rotating cable further into the drain, allowing the rotating head to break up or retrieve the clog. Do not force the cable. If resistance is met, pull back slightly and then push forward again.
6. **Retract Cable:** Once the clog is cleared, disengage the chuck mechanism. Manually pull the cable back into the drum. Ensure the tool is off when retracting the cable to prevent uncontrolled spinning.
7. **Clean Up:** After use, clean the cable and drum as described in the Maintenance section.

Note: This model features a manual feed system. The user is responsible for manually feeding and retracting the cable into and out of the drain.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Milwaukee M12 Drain Snake.

- **Cleaning the Cable and Drum:** After each use, especially when working with dirty drains, remove the inner drum (if applicable) and thoroughly clean the cable and the inside of the drum. Use a stiff brush and appropriate cleaning agents. Rinse with water and allow to dry completely to prevent rust and bacterial growth.
- **Battery Care:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. Do not store battery packs in a discharged state for extended periods.
- **Tool Housing:** Wipe down the exterior of the tool with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the chuck mechanism, cable, and power cord (if applicable) for wear or damage. Any damaged parts should be replaced by a qualified service technician.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly installed.	Ensure battery is fully charged and securely inserted.
Cable does not rotate.	Chuck not engaged; cable bind-up; motor issue.	Ensure chuck is locked onto the cable. Check for cable kinks. If problem persists, contact service.
Cable is difficult to feed or retract.	Cable is kinked or dirty; obstruction in drum.	Clean cable and drum. Inspect for damage. Do not force.
Chuck mechanism fails to lock or hold cable.	Worn chuck components.	This indicates wear. Contact Milwaukee service for replacement parts or repair.

9. SPECIFICATIONS

- **Model Number:** 2571-21
- **Power Source:** M12™ REDLITHIUM™ Battery Pack (12V)
- **Tool Dimensions (Approximate):** 20.5 x 1.75 x 1 inches
- **Tool Weight (Approximate):** 7.15 Pounds (without battery)
- **Cable Type:** (Typically 1/4" or 5/16" cable, specific length not provided in data, but implied by "M12 Drain Snake")
- **LED Light:** Integrated

10. WARRANTY AND SUPPORT

Milwaukee Electric Tool Corporation provides a warranty for this product. For detailed warranty information, including terms, conditions, and registration, please refer to the warranty card included with your product or visit the official Milwaukee website.

For technical support, service, or to order replacement parts, please contact Milwaukee Customer Service through their official website or the contact information provided in your product packaging.

Official Website: www.milwaukeeetool.com