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› Milwaukee 2401-20 M12 12-Volt Lithium-Ion Cordless 1/4 in. Hex Screwdriver User Manual

Milwaukee 2401-20

Milwaukee 2401-20 M12 12-Volt Lithium-Ion Cordless 1/4 in. Hex Screwdriver

Model: 2401-20 | **Brand:** Milwaukee

User Manual

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Milwaukee 2401-20 M12 12-Volt Lithium-Ion Cordless 1/4 in. Hex Screwdriver. Please read this manual thoroughly before using the tool to ensure optimal performance and safety.

SETUP

The Milwaukee 2401-20 is a tool-only unit, meaning the M12 Red Lithium battery and charger are sold separately. Ensure you have a compatible M12 battery for operation.

Battery Installation and Removal

1. To install the battery, align the battery pack with the tool's battery port and slide it in until it clicks securely into place.
2. To remove the battery, press the release button located on the battery pack and slide the battery out of the tool.

Hex Bit Installation and Removal

This screwdriver features a 1/4 inch hex quick-change chuck for fast and easy bit changes.

1. To install a hex bit, push the bit firmly into the chuck until it locks into place.
2. To remove a hex bit, pull the collar of the chuck forward and pull the bit out. Release the collar to secure the next bit.



Figure 1: Front view of the Milwaukee 2401-20 M12 Hex Screwdriver, showing the 1/4 inch hex chuck and ergonomic grip.

OPERATING INSTRUCTIONS

Variable Speed Trigger

The tool is equipped with a variable speed trigger, allowing for precise control over the rotational speed from 0 to 500 RPM. Apply more pressure to the trigger for higher speeds and less pressure for slower speeds, which is ideal for delicate fastening tasks.

Adjustable Clutch and Torque Settings

The adjustable clutch provides 175 in-lbs (237.26 Newton Meters) of maximum torque, preventing over-tightening and stripping of screws. Rotate the collar near the chuck to select the desired torque setting. Start with a lower setting and increase as needed for your application.



Figure 2: Close-up view of the chuck and adjustable clutch settings on the Milwaukee 2401-20 M12 Hex Screwdriver.

Built-in LED Light

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

Ergonomics and Portability

The compact and ergonomic design of the screwdriver makes it comfortable to handle during extended use and allows access to tight spaces. Its lightweight construction (1.94 pounds) further enhances maneuverability.

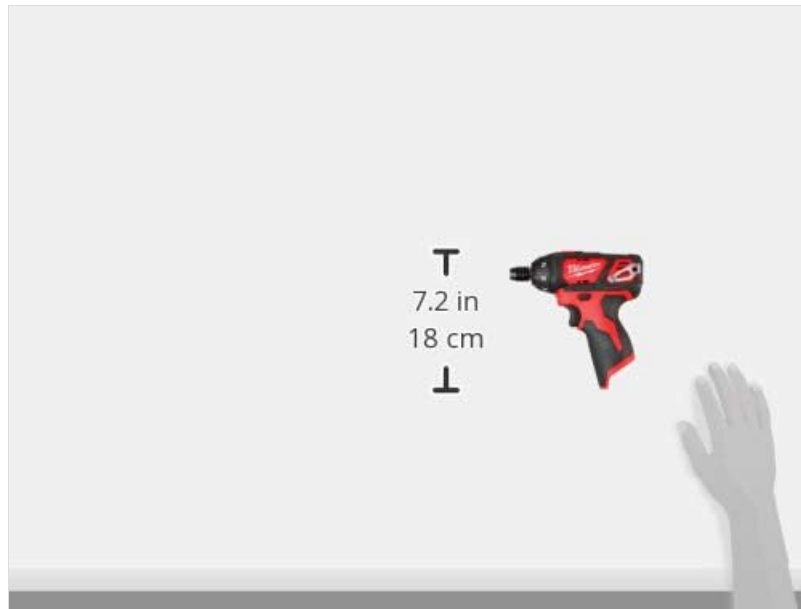


Figure 3: Milwaukee 2401-20 M12 Hex Screwdriver illustrating its compact dimensions (7"L x 7"W x 2.5"H).

MAINTENANCE

General Cleaning

Regularly clean the tool's ventilation openings to prevent dust and debris buildup, which can affect performance and motor life. Use a soft, dry cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.

Battery Care

As a Lithium-Ion powered tool, proper battery care is crucial for longevity. Always use genuine Milwaukee M12 batteries and chargers. Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.

Storage

When not in use, store the screwdriver in a secure, dry location, out of reach of children. Remove the battery pack before storing for extended periods.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------|--|---|
| Tool does not turn on. | Battery not charged or improperly installed. | Ensure battery is fully charged and correctly seated. |
| Screws are stripping. | Torque setting too high or incorrect bit used. | Adjust the clutch to a lower torque setting. Use the correct size and type of hex bit for the screw. |
| Reduced power or performance. | Low battery charge or tool overheating. | Recharge the battery. Allow the tool to cool down if it has been used continuously for a long period. |

If issues persist, contact Milwaukee customer support or an authorized service center. Note that availability of replacement parts may vary by region.

SPECIFICATIONS

| | |
|---------------------------------|---|
| Brand | Milwaukee |
| Model Number | 2401-20 |
| Power Source | Battery Powered (M12 Lithium-Ion) |
| Maximum Rotational Speed | 500 RPM |
| Voltage | 12 Volts |
| Amperage | 1.5 Amps |
| Maximum Chuck Size | 0.25 Inches (1/4 in. Hex) |
| Color | Red, Black |
| Included Components | Bare-Tool (Battery and Charger Sold Separately) |
| Product Dimensions | 7"L x 7"W x 2.5"H |
| Item Weight | 1.94 pounds |
| Maximum Torque | 237.26 Newton Meters (approx. 175 in-lbs) |
| UPC | 721019735027 |

WARRANTY AND SUPPORT

Milwaukee tools are known for their durability and reliability. For specific warranty information, please refer to the documentation included with your purchase or visit the official Milwaukee website. Keep your proof of purchase for warranty claims.

Protection Plans

Extended protection plans may be available for purchase through authorized retailers. These plans can offer additional coverage beyond the standard manufacturer's warranty. Examples include:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect: A monthly plan covering eligible past and future purchases.

Customer Service

For technical assistance, service, or parts inquiries, please contact Milwaukee customer support. When contacting support, have your model number (2401-20) and serial number (if applicable) ready. Some sellers, such as Tool Depot, record serial numbers for tracking purposes.

Return Policy: This product typically has a 30-day return/replacement policy from the point of purchase, subject to retailer terms and conditions.