

Milwaukee 2598-22

Milwaukee M12 FUEL 2598-22 1/2" Hammer Drill & 1/4" Hex Impact Driver Kit User Manual

Model: 2598-22 | Brand: Milwaukee

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Milwaukee M12 FUEL 2598-22 2-piece kit. This kit includes the M12 FUEL 1/2" Hammer Drill (2504-20) and the M12 FUEL 1/4" Hex Impact Driver (2553-20), along with batteries, a charger, and a tool bag. Please read this manual thoroughly before initial use.

SAFETY INFORMATION

Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, and gloves when operating power tools. Ensure the work area is clear and well-lit. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool. Refer to the individual tool manuals for specific safety warnings and instructions.

PACKAGE CONTENTS

The Milwaukee M12 FUEL 2598-22 kit typically includes the following items:

- 1x M12 FUEL 1/2" Hammer Drill (Model: 2504-20)
- 1x M12 FUEL 1/4" Hex Impact Driver (Model: 2553-20)
- 1x M12 REDLITHIUM XC4.0 Extended Capacity Battery Pack (48-11-2440)
- 1x M12 REDLITHIUM CP2.0 Compact Battery Pack (48-11-2420)
- 1x M12 Charger (48-59-2401)
- 1x Contractor Bag



Figure 1: Overview of the Milwaukee M12 FUEL 2598-22 kit contents, including the hammer drill, impact driver, batteries, charger, and tool bag.

SETUP

1. Battery Installation and Removal

To install a battery pack, align the battery with the base of the tool handle and slide it in until it clicks securely into place. To remove, press the release tabs on the sides of the battery pack and slide it out.



Figure 2: Close-up of the M12 REDLITHIUM CP2.0 and XC4.0 battery packs. These batteries slide into the tool handle for a compact design.

2. Charging the Battery

Insert the battery pack into the M12 charger. The indicator light on the charger will show the charging status. A solid green light indicates a full charge. Ensure the charger is connected to a compatible power outlet.



Figure 3: The Milwaukee M12 charger. Insert the battery pack into the slot for charging.

3. Attaching/Changing Bits

For the **Hammer Drill (2504-20)**: Twist the chuck counter-clockwise to open the jaws. Insert the drill bit into the chuck and twist clockwise to tighten securely. For the **Impact Driver (2553-20)**: Pull the collar forward, insert the hex bit, and release the collar to lock the bit in place.



Figure 4: The Milwaukee M12 FUEL 1/2" Hammer Drill (2504-20). The chuck allows for easy bit changes.



Figure 5: The Milwaukee M12 FUEL 1/4" Hex Impact Driver (2553-20). The quick-change hex chuck simplifies bit insertion.

OPERATING INSTRUCTIONS

1. Powering On/Off

The tools are activated by pressing the trigger. Release the trigger to turn the tool off. The variable speed trigger allows for precise control over the tool's speed.

2. Speed/Torque Selection (Hammer Drill)

The M12 FUEL Hammer Drill (2504-20) features a 2-speed gearbox. Use speed 1 for higher torque applications and speed 2 for higher speed applications. The clutch settings (1-18) allow you to adjust the torque for driving screws, preventing over-tightening or stripping.

3. Mode Selection (Hammer Drill)

The Hammer Drill (2504-20) has three modes: drilling, hammer drilling, and driving. Rotate the collar near the chuck to select the desired mode. The hammer drill mode is suitable for masonry and concrete, while the drill mode is for wood and metal, and the driving mode for fasteners.

4. Drive Control (Impact Driver)

The M12 FUEL Impact Driver (2553-20) features a 4-mode DRIVE CONTROL. This allows the user to shift into different speed and torque settings for versatility. Mode 4 is a self-tapping screw mode, which drives at full RPM until impact, then slows down for better control, preventing over-driving.

5. LED Light Functionality

Both tools are equipped with an LED light that illuminates the work area when the trigger is pressed. The impact driver features three LED lights around the chuck for enhanced visibility.

6. Belt Clip Usage

Both tools include a reversible belt clip for convenient carrying. Attach the tool to your belt or tool pouch for easy access during work.



Figure 6: The M12 FUEL Hammer Drill in action, demonstrating its compact size and utility in tight spaces.



Figure 7: The M12 FUEL Impact Driver being used to fasten a screw, highlighting its ergonomic design and integrated LED lighting.

7. Product Overview and Features

Watch this video for a detailed overview of the Milwaukee M12 FUEL 2-piece kit, including its features and benefits.

Video 1: An official seller video providing an overview of the Milwaukee M12 FUEL 2-piece combo kit, detailing its components and key functionalities.

8. Hammer Drill Demonstration

This video demonstrates the performance and features of the Milwaukee M12 Gen 2 Hammer Drill, including its compact size and power.

Video 2: An official seller video showcasing the Milwaukee M12 Gen 2 Hammer Drill in various applications, highlighting its performance and compact design.

9. Impact Driver Demonstration

See the Milwaukee M12 Impact Driver in action and understand its capabilities for various fastening tasks.

Video 3: An official seller video demonstrating the functionality and power of the Milwaukee M12 Impact Driver for driving screws.

MAINTENANCE

1. General Cleaning

Keep the tool's ventilation openings clear and free of debris. Use a soft brush or compressed air to clean dust and chips from the tool. Do not use water or chemical cleaning agents.

2. 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 condition. Charge them regularly, even if not in use, to maintain optimal performance and lifespan.

3. Storage

When not in use, store the tools, batteries, and charger in the provided contractor bag in a secure, dry location, out of reach of children.

TROUBLESHOOTING

- **Tool not starting:** Ensure the battery pack is fully charged and properly inserted. Check for any obstructions in the chuck or drive mechanism.
- **Reduced power or runtime:** The battery pack may need charging or replacement. Ensure the correct speed/torque setting is selected for the task.
- **Overheating:** Allow the tool to cool down. Avoid continuous heavy-duty use without breaks. Ensure ventilation slots are not blocked.
- **Excessive vibration/noise:** Check that the bit is properly seated and not damaged. If the issue persists, discontinue use and contact customer support.



SPECIFICATIONS





Feature	Specification
Brand	Milwaukee
Model Number	2598-22
Item Weight	2.3 pounds
Product Dimensions	15 x 10 x 4 inches
Power Source	Battery-powered
Voltage	12 Volts
Battery Cell Composition	Lithium Ion
Item Torque	350 Inch Pounds (Hammer Drill)
Impact Driver Torque	1,300 Inch Pounds
Hammer Drill Speed (High)	0-1,700 RPM
Impact Driver Speed (High)	0-3,300 RPM
Impact Driver IPM (Max)	4,000 IPM

WARRANTY AND SUPPORT

Milwaukee Electric Tools offers a warranty for its products. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official Milwaukee website. For technical support, service, or replacement parts, contact Milwaukee customer service directly.

Related Documents - 2598-22

 <p>M12 FDD2 M12 FPD2</p> <p>Operating instructions, safety warnings, technical specifications, and maintenance guidelines for these power tools.</p>	<p>Milwaukee M12 FDD2 & M12 FPD2 Cordless Drill Driver & Percussion Drill/Driver Instruction Manual</p> <p>Official instruction manual for Milwaukee M12 FDD2 and M12 FPD2 cordless drill drivers. Contains operating instructions, safety warnings, technical specifications, and maintenance guidelines for these power tools.</p>
 <p>M12 FUEL M12 FUEL 1/4\"</p> <p>Operator's manual for the Milwaukee M12 FUEL 1/4" Hex Impact Driver (Model M12 FID2), covering safety warnings, operation, assembly, maintenance, and specifications.</p>	<p>Milwaukee M12 FUEL 1/4" Hex Impact Driver Operator's Manual</p> <p>Operator's manual for the Milwaukee M12 FUEL 1/4" Hex Impact Driver (Model M12 FID2), covering safety warnings, operation, assembly, maintenance, and specifications.</p>

 <p>M18 FID2 Original Instructions</p>	<p>Milwaukee M18 FID2 FUEL Cordless Impact Wrench - Original Instructions & Safety Guide</p> <p>Comprehensive original instructions and safety guide for the Milwaukee M18 FID2 FUEL cordless impact wrench. Learn about operation, technical data, battery care, and safety precautions.</p>
 <p>M12 FIWF12 M12 FIWP12 M12 FIW14 M12 FIW38</p>	<p>Milwaukee M12 Cordless Impact Wrenches: User Manual & Technical Data</p> <p>This document details the Milwaukee M12 series of cordless impact wrenches, including models M12 FIWF12, M12 FIWP12, M12 FIW14, and M12 FIW38. It provides original instructions, technical specifications, safety guidelines, and operational information for these power tools.</p>
 <p>M12 BDD M12 BPD</p>	<p>Milwaukee M12 BDD & M12 BPD Cordless Drill/Driver User Manual</p> <p>Comprehensive user manual and safety guide for Milwaukee M12 BDD and M12 BPD cordless drill/drivers. Includes technical data, operating instructions, maintenance, and safety warnings in multiple languages.</p>
 <p>M12 FUEL™ 1/4" HEX IMPACT DRIVER OPERATOR'S MANUAL MANUEL DE L'UTILISATEUR MANUAL DO OPERADOR</p>	<p>Milwaukee M12 FUEL 1/4" Hex Impact Driver Operator's Manual</p> <p>Operator's manual for the Milwaukee M12 FUEL 1/4" Hex Impact Driver (Model 3453-20), detailing safety warnings, operation, maintenance, specifications, and warranty information.</p>