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Milwaukee 2727-20

Milwaukee M18 FUEL 16-inch Chainsaw

MODEL: 2727-20

Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Milwaukee M18 FUEL 16-inch Chainsaw (Model 2727-20). This product is designed to deliver powerful cutting performance for various tasks, particularly in cutting hardwoods. Please read this manual thoroughly before initial use and retain it for future reference.

Note: This product is sold as a 'Tool Only' unit. Battery and charger are NOT included and must be purchased separately. The chainsaw is compatible with all Milwaukee M18 batteries, with higher capacity batteries yielding enhanced performance.



Image: The Milwaukee M18 FUEL 16-inch Chainsaw, red and black, with its 16-inch bar and chain, and a protective bar cover.

2. Safety Information

Always prioritize safety when operating any power tool. Failure to follow safety instructions can result in serious injury or property damage. Refer to the full safety manual included with your product for comprehensive guidelines.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including safety glasses, hearing protection, gloves, and sturdy footwear.
- **Secure Footing:** Ensure stable and secure footing before and during operation.
- **Firm Grip:** Maintain a firm grip on the chainsaw with both hands at all times.
- **Clear Work Area:** Keep the work area clear of bystanders, pets, and obstacles.
- **Full Speed Before Engagement:** Bring the chainsaw to full operating speed before engaging the chain with the material to be cut.
- **Kickback Awareness:** Be aware of potential kickback and take precautions to avoid it.

3. Setup

3.1 Assembly

1. Ensure the 16-inch Oregon bar and chain are correctly installed.
2. Adjust the chain tension using the dedicated chain tightening screw. Ensure the chain is taut but can still be moved freely by hand.
3. Secure the chain cover by locking it down.

3.2 Battery Installation

1. Align the Milwaukee M18 battery with the battery slot on the chainsaw.
2. Slide the battery firmly into place until it clicks, indicating it is securely locked.
3. To remove, press the battery release button and slide the battery out.

3.3 Oiling

The chainsaw features an automatic oiler for proper chain lubrication. Before each use, ensure the oil reservoir is filled with appropriate bar and chain oil.

1. Locate the oil fill cap on the chainsaw body.
2. Unscrew the cap and fill the reservoir with bar and chain oil.
3. Monitor the oil level through the clear sight window during operation.

4. Operating Instructions

Your Milwaukee M18 FUEL Chainsaw is equipped with a variable speed trigger for full control during cutting tasks.

1. Ensure the battery is fully charged and securely installed.
2. Verify the oil reservoir is adequately filled.
3. Engage the safety lock (if applicable) and then press the variable speed trigger to start the chain.
4. Allow the chain to reach full speed before making contact with the wood.
5. Apply steady, even pressure while cutting. Avoid forcing the saw.

5. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your chainsaw.

- **Chain Lubrication:** The automatic oiler system continuously lubricates the chain. Always ensure the oil reservoir is full before and during use.
- **Chain Sharpening:** A sharp chain is crucial for efficient and safe cutting. Sharpen the chain regularly or replace it when dull.
- **Bar Maintenance:** Periodically clean the guide bar groove and check for wear or damage.
- **General Cleaning:** After each use, clean sawdust and debris from the chainsaw body, air vents, and chain area.
- **Storage:** Store the chainsaw in a dry, secure location with the battery removed and the bar cover in place.

6. Troubleshooting

If you encounter issues with your chainsaw, refer to the following common troubleshooting tips:

- **Chainsaw Not Starting:** Ensure the battery is fully charged and properly inserted. Check that the safety switch is disengaged and the trigger is fully pressed.
- **Chain Not Moving:** Verify the chain tension is correct and the chain is not bound by debris. Check for any obstructions on the bar or sprocket.
- **Poor Cutting Performance:** The chain may be dull or improperly tensioned. Sharpen or replace the chain, and adjust tension as needed.
- **Battery Overheating:** If the battery overheats, the saw may temporarily shut down. Allow the battery to cool before resuming operation. Using higher capacity batteries can help mitigate this issue during heavy use.

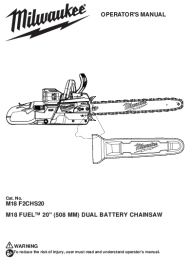


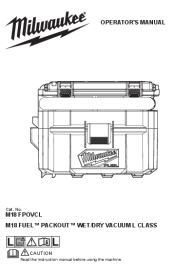


7. Specifications

- **Brand:** Milwaukee
- **Model Number:** 2727-20
- **Power Source:** Battery Powered (M18 series)
- **Chain Length:** 16 Inches
- **Bar and Chain:** Oregon
- **Horsepower:** 5.3 Horsepower
- **Item Weight:** 1 Pounds
- **Product Dimensions:** 35"L x 11.5"W x 10"H
- **UPC:** 653785783554

8. Warranty and Support

Milwaukee stands behind its products. This chainsaw typically comes with a 5-year limited warranty. For detailed warranty information, service, or technical support, please refer to the official Milwaukee website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Related Documents - 2727-20

	<p>Milwaukee M18 FUEL™ 20" Dual Battery Chainsaw Operator's Manual</p> <p>Comprehensive operator's manual for the Milwaukee M18 FUEL™ 20" (508 MM) Dual Battery Chainsaw (Model M18 F2CHS20), covering safety instructions, operation, maintenance, and troubleshooting for optimal and safe use.</p>
	<p>Milwaukee M18 FCHS Cordless Chainsaw User Manual</p> <p>Comprehensive user manual for the Milwaukee M18 FCHS cordless chainsaw, detailing operation, safety, maintenance, and technical specifications for efficient wood cutting.</p>
	<p>Milwaukee M18 F2CHS50 Cordless Chainsaw User Manual and Operating Instructions</p> <p>Comprehensive user manual for the Milwaukee M18 F2CHS50 cordless chainsaw, detailing safe operation, assembly, maintenance, and technical specifications. Essential guide for proper use and care.</p>
	<p>Milwaukee M18 FUEL PACKOUT Wet/Dry Vacuum L Class (M18 FPOVCL) Operator's Manual</p> <p>Operator's manual for the Milwaukee M18 FUEL PACKOUT Wet/Dry Vacuum L Class (Model M18 FPOVCL). Includes comprehensive safety instructions, specifications, assembly, operation, maintenance, and warranty information for professional and commercial use.</p>
	<p>Milwaukee M18 FCHS / M18 FCHSC Cordless Chainsaw User Manual</p> <p>Comprehensive user manual for the Milwaukee M18 FCHS and M18 FCHSC cordless chainsaws, covering safety instructions, operation, maintenance, and technical specifications. Includes detailed guides on assembly, chain tensioning, cutting techniques, and battery care.</p>
	<p>Milwaukee M18 FHS20 FUEL Pruning Saw: User Manual & Safety Guide</p> <p>Comprehensive user manual for the Milwaukee M18 FHS20 FUEL cordless pruning saw. Includes operating instructions, safety warnings, technical specifications, and maintenance guidelines for efficient and safe use.</p>

