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› DEWALT DCM575N-XJ 54V XR FLEXVOLT Brushless Cordless Chainsaw User Manual

DEWALT DCM575N-XJ

DEWALT DCM575N-XJ 54V XR FLEXVOLT Brushless Cordless Chainsaw

Model: DCM575N-XJ

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INTRODUCTION

Thank you for choosing the DEWALT DCM575N-XJ 54V XR FLEXVOLT Brushless Cordless Chainsaw. This powerful and efficient tool is designed for various cutting tasks, offering the performance of a petrol-powered chainsaw without the emissions. This manual provides essential information for the safe and effective use, assembly, maintenance, and troubleshooting of your chainsaw. Please read it thoroughly before first use and keep it for future reference.



Image: The DEWALT DCM575N-XJ 54V XR FLEXVOLT Brushless Cordless Chainsaw, showcasing its compact design and yellow and black color scheme.

SAFETY INFORMATION

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.

General Chainsaw Safety Warnings

- **Keep all parts of the body away from the saw chain when the chainsaw is operating.** Before you start the chainsaw, make sure the saw chain is not contacting anything. A moment of inattention while operating a chainsaw may cause entanglement of your clothing or body with the saw chain.
- **Always hold the chainsaw with your right hand on the rear handle and your left hand on the front handle.** Holding the chainsaw with an altered grip may result in personal injury and should never be done.
- **Wear safety glasses and hearing protection.** Further protective equipment for head, hands, legs, and feet is recommended. Adequate protective clothing will reduce personal injury from flying debris or accidental contact

with the saw chain.

- **Do not operate a chainsaw in a tree.** Operation of a chainsaw while up in a tree may result in personal injury.
- **Always keep proper footing and operate the chainsaw only when standing on a fixed, secure, and level surface.** Slippery or unstable surfaces such as ladders may cause a loss of balance or control of the chainsaw.
- **When cutting a limb that is under tension, be alert for spring back.** When the wood fiber tension is released, the spring-loaded limb may strike the operator and/or throw the chainsaw out of control.
- **Use extreme caution when cutting brush and saplings.** The slender material may catch the saw chain and be whipped toward you or pull you off balance.
- **Carry the chainsaw by the front handle with the chainsaw switched off and away from your body.** When transporting or storing the chainsaw, always fit the guide bar cover. Proper handling of the chainsaw will reduce the likelihood of accidental contact with the moving saw chain.
- **Follow instructions for lubricating, chain tensioning, and changing accessories.** Improperly tensioned or lubricated chain may break or increase the risk of kickback.
- **Keep handles dry, clean, and free from oil and grease.** Greasy, oily handles are slippery, causing loss of control.
- **Only cut wood.** Do not use the chainsaw for purposes not intended. For example: do not use chainsaw for cutting plastic, masonry, or non-wood building materials. Use of the chainsaw for operations different from intended could result in a hazardous situation.



Image: An icon indicating 54.0 Volts, highlighting the tool's power rating.



Image: A 'Quick Stop' icon, emphasizing the safety feature for rapid chain braking.

SETUP

Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the chainsaw for any damage that may have occurred during shipping. Do not operate the tool if any damage is found. Ensure all listed components are present:

- Chainsaw unit (without battery or charger)
- 40 cm Guide Bar
- Saw Chain
- Guide Bar Cover

Installing the Guide Bar and Chain

1. Ensure the battery is removed from the chainsaw before any assembly.
2. Place the chain around the sprocket and guide bar. Ensure the cutting edges of the chain are facing the correct direction (refer to the arrow on the guide bar).
3. Fit the guide bar onto the chainsaw studs, ensuring the chain is seated correctly in the guide bar groove and around the drive sprocket.
4. Install the side cover and hand-tighten the retaining knob.

Adjusting Chain Tension (Tool-Free)

The DCM575N-XJ features tool-free chain tensioning for quick and easy adjustment:

1. Loosen the side cover retaining knob slightly.
2. Turn the chain tensioning ring (usually located on the side cover) clockwise to increase tension or counter-clockwise to decrease tension.
3. Proper tension is achieved when the chain can be pulled away from the guide bar by about 2-3 mm at the center, but still snaps back into place when released. The chain should move freely around the guide bar.
4. Tighten the side cover retaining knob securely.

Filling the Oil Reservoir

Your chainsaw is equipped with an automatic oiling system. It is crucial to keep the oil reservoir filled with appropriate chain lubricant.

1. Place the chainsaw on a level surface.
2. Unscrew the oil cap and fill the reservoir with high-quality chain and bar oil. The reservoir capacity is approximately 110-120 ml.
3. Avoid overfilling.
4. Securely replace the oil cap.
5. Check the oil level frequently during operation.

OPERATION

Battery Installation

This chainsaw operates with a DEWALT 54V XR FLEXVOLT battery (not included). Ensure the battery is fully charged before use.

1. Align the battery with the battery port on the chainsaw.
2. Slide the battery into the port until it clicks securely into place.
3. To remove, press the battery release button and slide the battery out.

Starting and Stopping the Chainsaw

1. **Starting:** Hold the chainsaw firmly with both hands. Engage the chain brake (if applicable, ensure it's disengaged before cutting). Press the lock-off button (if present) and then squeeze the variable speed trigger. The chain will begin to move.
2. **Stopping:** Release the variable speed trigger. The chain brake will automatically engage on some models or can be manually engaged.

Cutting Techniques

Always maintain a firm grip with both hands. Stand with your weight balanced on both feet. Plan your cut before starting. Be aware of kickback potential, especially when the tip of the guide bar contacts an object or when the wood closes in and pinches the saw chain in the cut.

- **Limbing:** Remove branches from a fallen tree. Work from the bottom up, cutting small branches first.
- **Bucking:** Cutting a fallen log into sections. Use wedges if necessary to prevent pinching.
- **Felling:** Only attempt felling if you are trained and experienced. Always ensure a clear escape path.



Image: A DEWALT chainsaw in operation, demonstrating its cutting capability on a log.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw. Always remove the battery before performing any maintenance.

Chain Lubrication

The chainsaw features an automatic oiling system. Regularly check the oil level indicator and refill the reservoir with suitable chain and bar oil. Insufficient lubrication can lead to rapid chain wear and overheating.

Chain Sharpening

A sharp chain is crucial for efficient and safe cutting. Sharpen the chain regularly or replace it when dull. Refer to the chain manufacturer's instructions for proper sharpening angles and file sizes. If unsure, have the chain sharpened by a qualified service technician.

Guide Bar Maintenance

- Clean the guide bar groove regularly to remove sawdust and debris.
- Flip the guide bar periodically to ensure even wear on both sides.
- Check for burrs on the guide bar rails and file them smooth if present.

General Cleaning

After each use, clean the chainsaw thoroughly. Remove sawdust, chips, and debris from the motor housing, air vents, and chain brake mechanism. Use a brush or compressed air. Do not use solvents that could damage plastic parts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start	Battery not charged or improperly inserted; Chain brake engaged; Faulty switch	Charge battery and ensure it's fully inserted; Disengage chain brake; Contact service for switch replacement
Chain does not move or moves slowly	Chain tension too tight; Chain dull or damaged; Guide bar groove clogged; Low battery charge	Adjust chain tension; Sharpen or replace chain; Clean guide bar groove; Recharge battery

Problem	Possible Cause	Solution
Excessive vibration	Loose chain; Damaged chain or guide bar; Loose components	Adjust chain tension; Inspect and replace damaged parts; Check all fasteners
Oil leakage	Overfilled oil reservoir; Damaged oil cap seal; Internal leak	Do not overfill; Check and replace oil cap seal; Contact service for internal leaks
Poor cutting performance	Dull chain; Incorrect chain tension; Improper cutting technique	Sharpen or replace chain; Adjust chain tension; Review cutting techniques

SPECIFICATIONS

Feature	Detail
Brand	DEWALT
Model Number	DCM575N-XJ
Power Source	Battery Powered (54V XR FLEXVOLT)
Motor Type	Brushless
Guide Bar Length	40 cm
Chain Speed	15 m/s
Chain Tensioning	Tool-free
Oiling System	Automatic
Oil Reservoir Capacity	110-120 ml
Item Weight	5 Kilograms
Product Dimensions (L x W x H)	88L x 24W x 23H cm
Battery & Charger	Not included

WARRANTY & SUPPORT

Manufacturer's Warranty

This DEWALT product is covered by a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, normal wear and tear, or unauthorized repairs.

Spare Parts Availability

Spare parts for this product are available for a period of 1 year within the EU. For specific part inquiries, please contact DEWALT customer service.

Customer Support

For technical assistance, service, or warranty claims, please contact DEWALT customer support through their official website or your local authorized service center. You can find contact information and service center locations on the official DEWALT website: www.dewalt.com