

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Greenworks](#) /
- › [Greenworks GD24X2CS36 Cordless Chainsaw User Manual](#)

### Greenworks GD24X2CS36

# Greenworks GD24X2CS36 Cordless Chainsaw User Manual

Model: GD24X2CS36 | Brand: Greenworks

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Greenworks GD24X2CS36 Cordless Chainsaw. Please read all instructions carefully before use to ensure personal safety and optimal performance of the tool.

The Greenworks GD24X2CS36 is a powerful cordless chainsaw designed for various cutting tasks. It operates on a 2x24V (48V combined) battery system, features a 35 cm guide bar, a brushless motor, and an automatic oiling system for enhanced efficiency and durability.



Image 1.1: Overview of the Greenworks GD24X2CS36 Cordless Chainsaw, highlighting key features like the 35cm bar, automatic oiler, and mechanical chain brake.

## 2. SAFETY INFORMATION

---

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or death.

### General Safety Warnings:

- **Read the entire manual:** Understand all warnings and instructions before operating the chainsaw.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, hearing protection, gloves, sturdy footwear, and leg protection.
- **Maintain a clear work area:** Ensure no bystanders, especially children or pets, are near the cutting zone.
- **Inspect the chainsaw before each use:** Check for loose parts, damage, or proper chain tension and lubrication.
- **Avoid kickback:** Be aware of the kickback danger zone and always maintain a firm grip with both hands. The chainsaw features an anti-kickback chain for added safety.
- **Use both hands:** Always operate the chainsaw with both hands firmly gripping the handles.
- **Do not operate in wet conditions:** Avoid using the chainsaw in rain or damp environments to prevent electric shock.
- **Remove batteries when not in use:** Always remove the batteries before performing any adjustments, cleaning, or maintenance.



**UP TO 130 CUTS PER CHARGE**  
Estimated number of cuts are based on 10x10 cm pressure treated wood.

Image 2.1: The mechanical chain brake provides immediate chain stoppage in case of kickback, enhancing user safety.

### 3. PACKAGE CONTENTS

---

The Greenworks GD24X2CS36 is sold as a 'tool only' package. Please verify that all items listed below are present in your package:

- 1x Greenworks GD24X2CS36 Cordless Chainsaw unit
- 1x Guide Bar (35 cm)
- 1x Saw Chain
- 1x Bar Cover
- 1x User Manual

**Note:** Batteries (2x 24V, 2Ah or 4Ah recommended) and charger are sold separately.

### 4. SETUP

---

#### 4.1 Battery Installation

1. Ensure the chainsaw is turned off and the chain brake is engaged.
2. Open the battery compartment cover.
3. Insert two fully charged Greenworks 24V batteries (2Ah or 4Ah) into their respective slots until they click into place. The chainsaw requires two 24V batteries for 48V combined power.
4. Close the battery compartment cover securely.

## **4.2 Chain and Bar Installation**

The GD24X2CS36 features tool-free chain tensioning for convenience.

1. Ensure batteries are removed and the chain brake is engaged.
2. Remove the side cover by loosening the knob.
3. Place the chain around the sprocket and guide bar, ensuring the cutting edges face the correct direction.
4. Fit the guide bar onto the mounting studs.
5. Replace the side cover and lightly tighten the knob.
6. Adjust chain tension using the tensioning ring. The chain should be snug against the guide bar but still able to be pulled freely by hand. No tools are required for this adjustment.
7. Fully tighten the side cover knob to secure the bar and chain.

## **4.3 Filling the Automatic Oiler**

The chainsaw is equipped with an automatic oiling system to lubricate the chain and bar during operation.

1. Place the chainsaw on a flat, stable surface.
2. Unscrew the oil reservoir cap.
3. Fill the reservoir with high-quality bar and chain oil (capacity: 200 ml).
4. Replace the cap and tighten it securely.
5. Regularly check the transparent oil level indicator during use.



Image 4.1: Filling the automatic oil reservoir is crucial for chain and bar longevity.

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Starting the Chainsaw

1. Ensure the chain brake is disengaged (pulled back towards the front handle).
2. Hold the chainsaw firmly with both hands.
3. Press the safety lock-out button with your thumb.
4. Squeeze the trigger switch to start the motor. The chain will begin to move.

### 5.2 Cutting Techniques

- **Maintain balance:** Always stand on a stable surface and maintain good footing.
- **Plan your cut:** Identify the direction of fall for trees and the support points for logs.
- **Avoid pinching:** Be aware of the wood's tension to prevent the guide bar from getting pinched.
- **Use the bumper spike:** For larger cuts, pivot the chainsaw using the bumper spike against the wood.
- **Brushless Motor:** The brushless motor provides consistent power and efficiency, allowing for clean and fast

cuts at 20 m/s chain speed.



Image 5.1: The chainsaw is capable of up to 130 cuts per charge on 10x10 cm pressure-treated wood.



Image 5.2: The chainsaw achieves a high chain speed of 20 meters per second for efficient cutting.

### 5.3 Stopping the Chainsaw

Release the trigger switch to stop the chain. Engage the chain brake for added safety when moving between cuts or when finished.

## 6. MAINTENANCE

---

Regular maintenance ensures the longevity and safe operation of your chainsaw.

### 6.1 Chain Sharpening

A sharp chain is essential 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.

### 6.2 Guide Bar Maintenance

- Clean the guide bar groove regularly to remove sawdust and debris.
- Flip the guide bar periodically to ensure even wear.

- Check for burrs on the guide bar rails and file them smooth if present.

### 6.3 Cleaning

After each use, remove the batteries and clean the chainsaw. Use a brush or compressed air to remove sawdust, chips, and debris from the motor housing, chain, and bar area. Do not use water or solvents.

### 6.4 Oil Level Check

Always check the oil level before and during operation. Refill the automatic oiler reservoir as needed to ensure continuous lubrication.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start	Batteries not installed or discharged; Chain brake engaged; Safety lock-out not pressed.	Install charged batteries; Disengage chain brake; Press safety lock-out before trigger.
Chain does not move	Chain brake engaged; Chain tension too tight; Obstruction.	Disengage chain brake; Adjust chain tension; Clear obstruction.
Poor cutting performance	Dull chain; Incorrect chain tension; Insufficient oil.	Sharpen or replace chain; Adjust chain tension; Refill oil reservoir.
No chain lubrication	Oil reservoir empty; Oil port clogged.	Refill oil reservoir; Clean oil port.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	GD24X2CS36 (2006507)
Power Source	Battery-powered (2x 24V Li-Ion, 48V combined)
Motor Type	Brushless
Guide Bar Length	35 cm
Chain Speed	20 m/s
Oiling System	Automatic with transparent oil level indicator
Oil Tank Capacity	200 ml
Weight (without batteries)	3.2 kg
Dimensions (L x W x H)	48 x 21.5 x 27 cm
Horsepower	1800 (1.8 kW)



Image 8.1: The chainsaw's lightweight design (3.2 kg without batteries) enhances maneuverability.

24V + 24V  
48V

ONLY  
24V  
Only works with 2 pcs greenworks  
24V battery and charger.

NO  
BATTERY  
NO  
CHARGER

THREE YEAR PRODUCT WARRANTY  
3  
BATTERIES - TWO YEAR WARRANTY

PREMIUM  
OVERMOLD  
GRIP

WRAP  
AROUND  
HANDLE

MECHANICAL  
CHAIN BRAKE

AUTOMATIC  
OILER



Image 8.2: The brushless motor provides efficient power delivery and extended tool life.

## 9. WARRANTY AND SUPPORT

The Greenworks GD24X2CS36 Cordless Chainsaw comes with a **3-year warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or spare parts inquiries, please contact Greenworks customer service. Keep your proof of purchase for warranty validation.

For more information, visit the official Greenworks website or contact your local dealer.