

BLACK+DECKER CS1216

BLACK+DECKER 12 Amp 16-inch Electric Chainsaw (CS1216) Instruction Manual

Model: CS1216 | Brand: BLACK+DECKER

1. SAFETY INFORMATION

Always prioritize safety when operating any power tool. Read and understand all instructions before use. Failure to follow safety warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Rules

- Wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear.
- Keep children, bystanders, and animals at least 50 feet (15 meters) away from the work area.
- Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- Ensure the work area is clear of obstacles and has good lighting.
- Always maintain proper footing and balance. Do not overreach.
- Never operate the chainsaw with one hand. Always use two hands to grip the saw firmly.
- Be aware of kickback. Kickback can occur when the moving chain at the tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.
- Disconnect the chainsaw from the power source before making any adjustments, changing accessories, or storing the tool.

Electrical Safety

- Use only extension cords suitable for outdoor use and rated for the chainsaw's power requirements.
- Inspect the power cord and extension cord for damage before each use. Do not use if damaged.
- Keep the power cord away from the cutting area.

2. PACKAGE CONTENTS

Your BLACK+DECKER 12 Amp 16-inch Electric Chainsaw package includes the following items:

- 1 x BLACK+DECKER 12 Amp 16-inch Electric Chainsaw
- 1 x Scabbard (Bar and Chain Cover)

3. SETUP AND ASSEMBLY

Before operating your chainsaw, ensure proper assembly and preparation.

3.1 Chain and Bar Installation

The chainsaw comes with the bar and chain pre-installed. However, it is important to verify the chain direction and tension before first use and after any maintenance.

1. Ensure the chainsaw is unplugged from the power source.
2. Loosen the tool-free chain tensioning knob by turning it counter-clockwise.
3. Remove the side cover.
4. Carefully place the chain around the sprocket and guide bar, ensuring the cutting edges of the chain teeth are facing forward (away from the motor) on the top of the bar.
5. Re-attach the side cover and hand-tighten the tensioning knob.



Figure 1: Overview of the BLACK+DECKER Electric Chainsaw highlighting key features like the low-kickback bar and chain, clear oil level window, and tool-free chain tensioning.



Tool-free chain tensioning

For fast chain adjustments.

Figure 2: Close-up view of the tool-free chain tensioning mechanism, allowing for quick adjustments without additional tools.

3.2 Adding Bar and Chain Oil

The chainsaw features an automatic oiling system. Always ensure the oil reservoir is filled before operation.

1. Unscrew the oil cap located on the top of the chainsaw.
2. Fill the reservoir with high-quality bar and chain oil. Do not use waste oil or motor oil.
3. Monitor the clear oil window to avoid overfilling.
4. Replace the oil cap and tighten securely.



Automatic oiling system

Keeps the bar and chain lubricated.

Figure 3: Detailed view of the automatic oiling system, showing the clear window for easy oil level monitoring.

Video 1: Demonstrates how to properly fill the oil reservoir and check chain tension on a similar electric chainsaw. This video is provided by a seller and is relevant for understanding the setup process.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your electric chainsaw.

4.1 Starting the Chainsaw

1. Ensure the chain brake is disengaged (pulled back towards the front handle).
2. Plug the chainsaw into a suitable power outlet using a heavy-duty outdoor extension cord.
3. Grip the rear handle with your right hand and the front handle with your left hand.
4. Press the safety lock-off button with your thumb, then squeeze the trigger switch to start the motor.

4.2 Cutting Techniques

The 12 Amp motor and 16-inch low-kickback bar and chain are designed for smooth operation.

- Always start the cut with the chain running at full speed.

- Allow the saw to do the work; do not force it through the wood.
- For felling small trees, make a notch cut on the side of the tree in the direction of the fall, then make a felling cut from the opposite side.
- For limbing, work from the bottom up, supporting the branch to prevent pinching.
- For bucking (cutting a fallen log into sections), use a sawhorse or elevate the log to prevent the chain from hitting the ground.



Figure 4: An individual demonstrating the use of the electric chainsaw to cut through a log on the ground, showcasing its cutting capability.

Video 2: A demonstration of the DOVAMAN DCS08A Chainsaw cutting through logs, illustrating the power and efficiency of an electric chainsaw.
This video is provided by a seller.

5. MAINTENANCE

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

5.1 Chain Tension

Check chain tension frequently, especially during the first hour of operation. A properly tensioned chain should be snug against the guide bar but still allow you to pull it around the bar by hand.

- To adjust, loosen the tool-free chain tensioning knob slightly.
- Turn the adjustment dial (usually located near the tensioning knob) to increase or decrease tension.
- Once tension is correct, re-tighten the tool-free chain tensioning knob securely.

5.2 Oiling System

The automatic oiling system requires consistent monitoring.

- Check the oil level using the clear oil window before each use and periodically during operation.
- Refill with bar and chain oil as needed.
- Ensure the oil cap is clean and securely fastened to prevent leaks and contamination.

5.3 Cleaning

- After each use, disconnect the power and clean sawdust and debris from the motor housing, guide bar, and chain.
- Use a stiff brush or compressed air. Do not use water to clean the motor area.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chainsaw does not start	No power supply; Chain brake engaged; Safety lock-off not pressed	Check power connection and extension cord; Disengage chain brake; Press safety lock-off before trigger
Chain is loose or comes off	Incorrect chain tension; Worn chain or bar	Adjust chain tension (see 5.1); Inspect and replace worn components
Chainsaw cuts slowly or poorly	Dull chain; Incorrect chain tension; Insufficient oil	Sharpen or replace chain; Adjust chain tension; Refill oil reservoir
Oil is leaking	Loose oil cap; Damaged oil seal; Overfilled reservoir	Tighten oil cap; Inspect and replace seal if damaged; Do not overfill

7. SPECIFICATIONS

- **Brand:** BLACK+DECKER
- **Model Number:** CS1216
- **Power Source:** Corded Electric
- **Motor:** 12 Amp
- **Chain Length:** 16 Inches
- **Item Weight:** 10 Pounds
- **Product Dimensions:** 19"L x 9"W x 12"H
- **Features:** Low-Kickback Bar and Chain, Tool-Free Chain Tensioning, Automatic Oiling System, Clear Oil Window

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the official BLACK+DECKER website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.