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› [DCS08A Electric Chainsaw, One-Step Tool-Free Tensioning, Oregon Bar & Chain, Low Kickback, Mechanical Brake, Automatic Chain Lubrication, 18-Inch 15-Amp Electric Chainsaw corded with 2 Chains A-yellow](#)

DOVAMAN DCS08A

DOVAMAN DCS08A Electric Chainsaw User Manual

Model: DCS08A

Brand: DOVAMAN

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your DOVAMAN DCS08A Electric Chainsaw. Designed for powerful and efficient cutting, this 18-inch, 15-amp corded electric chainsaw features one-step tool-free tensioning, an Oregon bar and chain, low kickback, a mechanical brake, and automatic chain lubrication. Please read this manual thoroughly before first use and keep it for future reference.



Figure 1: DOVAMAN DCS08A Electric Chainsaw

2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or death.

General Safety Warnings:

- **Read the Manual:** Understand all instructions and warnings before operating the chainsaw.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear. Consider a hard hat and leg protection.
- **Work Area:** Keep the work area clean and well-lit. Clear all obstacles and ensure bystanders are at a safe distance.
- **Electrical Safety:** Ensure the power cord is in good condition and avoid cutting in wet conditions. Use a ground fault circuit interrupter (GFCI) when operating outdoors.
- **Firm Grip:** Maintain a firm grip with both hands on the chainsaw handles.
- **Kickback Awareness:** Be aware of potential kickback and how to avoid it. The chainsaw features a low kickback Oregon bar and chain.
- **Mechanical Brake:** The integrated mechanical brake provides a fast 0.12-second response time to stop the chain. Always ensure it is functional before use.
- **Safety Switch:** The safety switch prevents accidental start-up. Always engage it when the chainsaw is not in use.



CHAIN BRAKE FOR SAFETY



Figure 2: Chain Brake for Safety, preventing accidental starts.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your DOVAMAN DCS08A Electric Chainsaw:

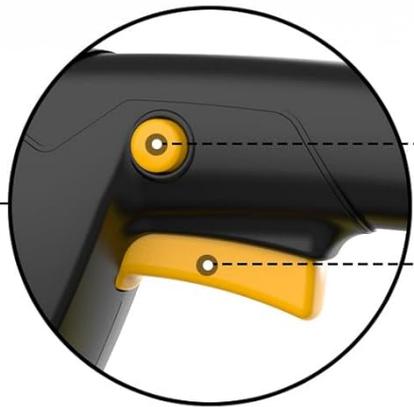
- **18-inch Oregon Bar and Chain:** High-quality components for efficient cutting and durability.
- **SDS Auto-Tensioning System:** Allows for tool-free chain tension adjustment.
- **Automatic Oil Filling System:** Lubricates the bar and chain during operation.
- **Transparent Oil Tank:** For easy monitoring of oil level.
- **Mechanical Brake:** Safety feature to stop the chain quickly.
- **Safety Button:** Prevents unintentional starting.
- **Start Switch:** Activates the chainsaw motor.
- **Steel Bumper Spikes:** Provide stability during cutting.

- **Comfort Grip:** Ergonomically designed handle for comfortable use.

AUTOMATIC OIL FILLING SYSTEM



AUTO-TENSIONING SDS SYSTEM



SAFETY BUTTON

START SWITCH

Figure 3: Key components of the chainsaw, including the automatic oil filling system, machine braking, 18" chain & bar, auto-tensioning SDS system, safety button, and start switch.

4. SETUP AND ASSEMBLY

4.1. Installing the Chain and Guide Bar

Follow these steps to properly install the chain and guide bar:

1. Ensure the chainsaw is unplugged from the power source.
2. Remove the side cover by turning the lock knob counter-clockwise and detaching it.
3. Carefully install the chain onto the guide bar. Ensure the cutting edges along the top of the chain point in the direction of the arrow on the guide bar.
4. Place the guide bar and chain against the sprocket on the chainsaw body.
5. Reattach the side cover and turn the lock knob clockwise to tighten the guide bar and chain.
6. Adjust the chain tension appropriately by turning the knob counter-clockwise until the chain is snug but can still

be pulled freely around the bar. Once the SDS knob is fully tightened, it ensures optimal chain tension is maintained.



Figure 4: Installing the Oregon Bar and Chain.

TOOL-LESS TENSION SYSTEM



ATTN: Before starting the chainsaw, please be sure to rotate the knob to the tightest setting.

Figure 5: The tool-less tension system allows for easy adjustment. Ensure the knob is turned to its tightest setting before operation.

4.2. Filling the Oil Tank

The chainsaw features an automatic oiling system. Before each use, ensure the oil tank is filled with appropriate bar and chain oil.

1. Locate the oil tank cap (yellow cap).
2. Unscrew the cap and fill the tank with high-quality bar and chain oil.
3. Monitor the transparent oil tank to check the oil level during operation.
4. Securely replace the oil tank cap.

AUTOMATIC OIL DISCHARGE



Figure 6: The automatic oil discharge system ensures continuous lubrication.

4.3. Setup Video Guide

For a visual guide on setting up your chainsaw, please watch the official video below:

Your browser does not support the video tag.

Video 1: Official guide on how to use and set up the DOVAMAN chainsaw, demonstrating assembly and operation.

5. OPERATING INSTRUCTIONS

5.1. 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.
3. Press the safety button located on the handle.

4. While holding the safety button, squeeze the start switch (trigger) to activate the motor.

5.2. Cutting Techniques

- Always maintain a balanced stance and firm grip on the chainsaw.
- Allow the chainsaw to reach full speed before beginning a cut.
- Use the steel bumper spikes to pivot the chainsaw into the wood for stability and control.
- Apply steady, even pressure. Do not force the saw through the wood.
- Be mindful of kickback, especially when the tip of the guide bar contacts an object or when the chain is pinched.
- For larger logs, make multiple cuts or use a wedge to prevent pinching.



15 AMP COPPER MOTOR



Long Life



Anti-Wear



Good Cooling



49.2FT/S
Chain Speed

Figure 7: The 15-amp copper motor provides efficient cutting power with good cooling and long life.



CHAIN BRAKE FOR SAFETY



Figure 8: The mechanical chain brake ensures safety by stopping the chain quickly.

6. MAINTENANCE

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

6.1. Chain Tension Adjustment

Check chain tension frequently, especially during initial use. The chain should be snug against the guide bar but still able to be pulled freely by hand. Use the tool-free SDS knob for quick adjustments. Ensure the knob is fully tightened after adjustment to maintain optimal tension.

6.2. Chain Lubrication

The automatic oiling system lubricates the bar and chain. Regularly check the transparent oil tank and refill with bar and chain oil as needed. Never operate the chainsaw with an empty oil tank.

6.3. Cleaning

After each use, unplug the chainsaw and clean off sawdust and debris from the guide bar, chain, and motor housing. Use a brush or compressed air. Do not use water directly on electrical components.

6.4. Chain Sharpening and Replacement

A sharp chain is crucial for efficient and safe cutting. Sharpen the chain regularly or replace it when it becomes dull or damaged. Your chainsaw comes with an extra chain for convenience. Refer to the Oregon chain specifications for proper sharpening angles and file sizes.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start.	Not plugged in; safety switch not engaged; chain brake engaged.	Check power connection; press safety button before squeezing trigger; disengage chain brake.
Chain is loose or derails.	Improper chain tension; SDS knob not fully tightened.	Adjust chain tension using the SDS knob. Ensure the knob is fully tightened clockwise after adjustment.
Chain is not lubricating.	Empty oil tank; clogged oil port.	Refill oil tank; clean oil port (refer to maintenance section).
Motor overheats or smokes.	Overloading the motor; dull chain; improper cutting technique.	Reduce cutting pressure; sharpen or replace chain; ensure proper cutting technique. If problem persists, discontinue use and contact support.
Reduced cutting efficiency.	Dull chain; incorrect chain tension.	Sharpen or replace chain; adjust chain tension.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	DOVAMAN
Model Number	DCS08A
Power Source	Corded Electric
Horsepower	1800 Watts
Item Weight	4.86 Kilograms (10.69 pounds)

Feature	Detail
Product Dimensions	9"L x 10"W x 19"H
Chain Length	18 Inches
Chain Speed	49.2 FT/S
Voltage	120 Volts
Wattage	1800 watts
Material	Plastic & Metal
Included Components	DOVAMAN DCS08A Electric Chainsaw, 18-inch Oregon Bar and Chain (x2), Protective Cover for Guide Bar, SDS Auto-Tension System, User Manual

9. WARRANTY AND SUPPORT

Your DOVAMAN DCS08A Electric Chainsaw is designed for durability and performance. For any questions, concerns, or assistance with your product, please contact DOVAMAN customer service. We are committed to providing excellent after-sales service within 24 hours.

Please refer to your purchase documentation for specific warranty terms and conditions.

Contact Information: Please visit the official DOVAMAN website or your retailer's support page for the most current contact details.