VEVOR CN-25

VEVOR 25.4 CC 2-Cycle Top Handle Gas Powered Chainsaw 12 Inch User Manual

Model: CN-25

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your VEVOR 25.4 CC 2-Cycle Top Handle Gas Powered Chainsaw, Model CN-25. Please read this manual thoroughly before initial use to ensure proper handling and to maximize the lifespan of your tool. This chainsaw is designed for efficient wood cutting, including trimming, felling, and general forestry tasks.



Figure 1.1: VEVOR 25.4 CC 2-Cycle Top Handle Gas Powered Chainsaw with accessories including a small mouth ratio bottle, funnel, cross oil saw socket, hex

wrenches, red-handled file, crystal screwdriver, rope earplugs, screws, bar, chain, and chainsaw cover.

2. Safety Information

Operating a chainsaw requires strict adherence to safety protocols to prevent injury. Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection (earplugs are included), gloves, and sturdy footwear. Ensure a clear work area and be aware of your surroundings. Never operate the chainsaw under the influence of alcohol or drugs.

- Always inspect the chainsaw before each use for any damage or loose parts.
- Ensure the chain brake is functional and engaged when not actively cutting.
- Maintain a firm grip with both hands on the chainsaw handles during operation.
- Be aware of kickback potential and proper cutting techniques to avoid it.
- Refuel the chainsaw in a well-ventilated area with the engine off and cool.
- Store the chainsaw with an empty fuel tank and chain oil tank in a secure location, away from children and unauthorized users.



Figure 2.1: The chainsaw features a large protective baffle designed to enhance user security during operation and to facilitate quick shutdown in emergency situations.

3. Product Components

Familiarize yourself with the various parts of your VEVOR chainsaw for safe and effective use.

Product Details



Figure 3.1: Detailed diagram of the chainsaw components. Key parts include the front handle, chain brake, chain tensioner, 12-inch guide bar, engine switch, air flap lever, air filter, throttle lock, starter handle, back handle, oil tank, and fuel tank.

Key Features:

- **High-Strength Steel Chain and Bar:** The 12-inch bar and chain are constructed from high-strength steel, designed for sharp, wear-resistant cutting and reduced sawdust splatter.
- **Lightweight Design:** Weighing approximately 9.26 lbs (4.2 kg), this chainsaw is designed for easy handling and reduced fatigue during extended use.

- **Ergonomic Wrap-Around Handle:** Provides a secure and comfortable grip for improved control.
- **Durable Fuel Tank:** Features a tough outer shell to withstand rough conditions and prevent leaks. Fuel tank capacity is 0.24 qt (230ml), and the chain oil tank capacity is 0.17 qt (160ml).
- **High-Quality Engine:** Equipped with a 25.4CC engine, 1.2HP power, 0.75KW/8500 RPM engine speed, and a max speed of 11500 RPM for nimble and effortless cutting.

4. Setup and Assembly

Follow these steps to properly assemble your chainsaw before first use.

1. **Open the Side Cover:** Locate and open the side cover of the chainsaw.
2. **Install the Wood Tooth:** Securely install the wood tooth component.
3. **Install the Guide Bar:** Position the guide bar correctly.
4. **Install the Chainsaw Chain:** Carefully install the chain, ensuring the direction of the teeth is correct for cutting.
5. **Close the Side Cover and Adjust Chain Tension:** Close the side cover. Adjust the chain tension so that the distance between the chain bottom and the guide bar is 2-4 mm. This is crucial for optimal performance and safety.
6. **Lock the Side Cover:** Securely lock the side cover in place.



Figure 4.1: Visual guide for chainsaw assembly, detailing the installation of the guide bar and chain, and the process of adjusting chain tension.

After assembly, fill the fuel tank with the appropriate fuel mixture (gasoline and 2-cycle oil as per manufacturer's recommendations) and the chain oil tank with suitable chain lubricant. Always use the provided small mouth ratio bottle and funnel for accurate mixing and filling.

5. Operating Instructions

Proper starting and cutting techniques are essential for safe and efficient operation.

5.1 Starting the Chainsaw

There are two primary methods for starting your VEVOR chainsaw: Cold Start and Hot Start.

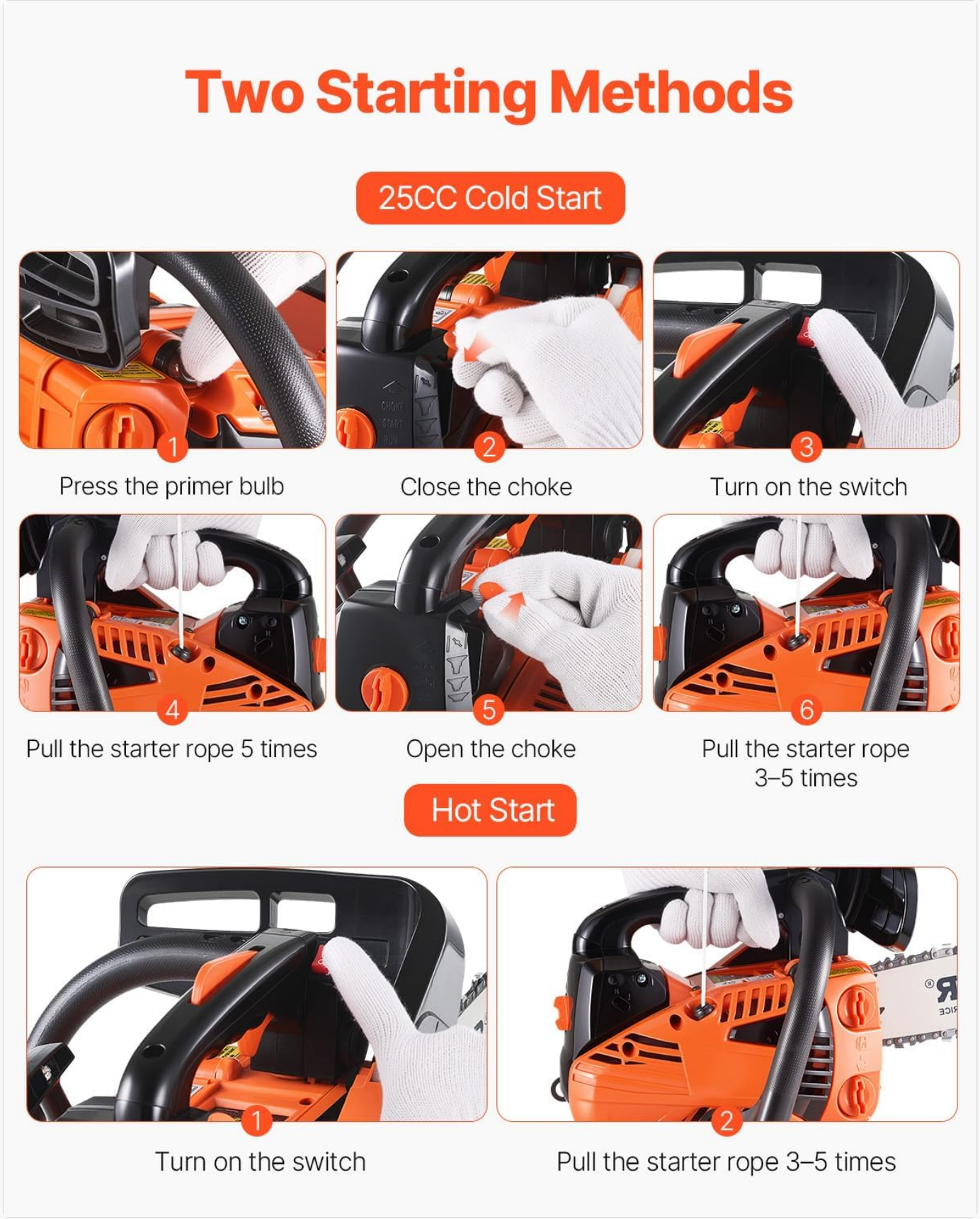


Figure 5.1: Step-by-step guide for both cold and hot starting procedures.

Cold Start (25CC Cold Start):

1. **Press the Primer Bulb:** Press the primer bulb several times until fuel is visible.
2. **Close the Choke:** Move the choke lever to the closed position.
3. **Turn on the Switch:** Ensure the engine switch is in the "ON" position.
4. **Pull the Starter Rope (5 times):** Pull the starter rope firmly and smoothly about 5 times until the engine briefly fires or attempts to start.

5. **Open the Choke:** Move the choke lever to the open position.
6. **Pull the Starter Rope (3-5 times):** Pull the starter rope another 3-5 times until the engine starts.

Hot Start:

1. **Turn on the Switch:** Ensure the engine switch is in the "ON" position.
2. **Pull the Starter Rope (3-5 times):** Pull the starter rope firmly and smoothly 3-5 times until the engine starts.

Note: If the chainsaw does not start after several attempts, check the spark plug. Some users have found that adjusting the spark plug slightly can resolve starting issues. Refer to the Troubleshooting section for more details.

5.2 General Operation

Once started, the chainsaw is ready for use. The 12-inch bar and 25.4CC engine provide ample power for various cutting tasks. The cutting diameter reaches 9.84 inches (250 mm), making it suitable for trimming, felling, and lumber cutting.



Figure 5.2: The VEVOR chainsaw in action, demonstrating its capability for tree felling and pruning.

Always maintain a stable stance and clear the area of any obstructions before cutting. Apply steady pressure and let the

saw do the work. Avoid forcing the chain through wood, as this can lead to kickback or damage to the saw.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your VEVOR chainsaw.

- **Chain Sharpening:** A sharp chain is crucial for efficient and safe cutting. Sharpen the chain regularly using the provided red-handled file or a suitable sharpening tool. A dull chain can cause excessive vibration, poor cutting performance, and increased risk of kickback.
- **Chain Tension:** Periodically check and adjust the chain tension. Incorrect tension can lead to chain derailment or excessive wear. The tool-free chain tension adjustment knob makes this process convenient.
- **Lubrication:** Ensure the chain oil tank is always filled with appropriate chain lubricant. The automatic oiler system lubricates the chain during operation. A 0.17 qt (160ml) chain oil tank capacity allows for extended use between refills.
- **Fuel and Oil Tanks:** Regularly check the fuel and chain oil levels. The durable fuel tank is designed to prevent leaks, but always ensure caps are tightened securely.
- **Air Filter:** Clean the air filter regularly to maintain optimal engine performance. A clogged air filter can reduce power and increase fuel consumption.
- **Spark Plug:** Inspect the spark plug periodically. Clean or replace it if it appears fouled or worn. A high-quality spark plug contributes to easier ignition.
- **General Cleaning:** After each use, clean the chainsaw thoroughly, removing sawdust, debris, and oil residue from the bar, chain, and engine housing.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Chainsaw will not start	• Incorrect starting procedure (choke, primer) • No fuel or incorrect fuel mixture • Fouled or improperly gapped spark plug • Engine switch off	• Review "Operating Instructions" (Section 5.1) for cold/hot start. • Ensure fuel tank is filled with correct gasoline/oil mixture. • Inspect, clean, or replace spark plug. Some users report success by slightly adjusting the spark plug. • Verify engine switch is in the "ON" position. • If issues persist, contact customer service.

Problem	Possible Cause	Solution
Bar oil leaks excessively	• Oil tank cap not tightened securely • Chainsaw stored improperly (e.g., on its side) • Seal issue (less common)	• Ensure the oil tank cap is fully tightened. • Store the chainsaw upright or with the bar slightly elevated. • If leakage continues, inspect the oil tank and cap for damage.
Poor cutting performance / Chain dulls quickly	• Dull chain • Incorrect chain tension • Lack of chain lubrication	• Sharpen the chain using a suitable file. • Adjust chain tension as per "Setup and Assembly" (Section 4). • Ensure chain oil tank is filled and the oiler is functioning.
Engine stalls or runs rough	• Clogged air filter • Improper fuel mixture • Spark plug issue	• Clean or replace the air filter. • Verify correct fuel/oil ratio. • Check and clean/replace spark plug.

8. Specifications

Detailed technical specifications for the VEVOR 25.4 CC 12 Inch Gas Powered Chainsaw.

Attribute	Detail
Brand	VEVOR
Model Number	CN-25
Power Source	Gas Powered
Engine Displacement	25.4 CC
Horsepower	1.2 HP
Engine Speed	0.75 KW / 8500 RPM
Max Speed	11500 RPM
Guide Bar Length	12 inches
Cutting Diameter	9.84 inches (250 mm)
Item Weight	9.26 lbs (4.2 kg)
Product Dimensions (L x W x H)	10.43" x 8.66" x 8.66" (265 x 220 x 220 mm) (Without Bar and Chain)
Fuel Tank Capacity	0.24 qt (230 ml)
Chain Oil Tank Capacity	0.17 qt (160 ml)

Attribute	Detail
UPC	197988488590



Figure 8.1: Product dimensions and a comprehensive list of included accessories.

9. Warranty and Support

For any questions regarding product warranty, technical support, or service, please contact VEVOR customer service. Refer to the product packaging or the official VEVOR website for the most current contact information and warranty details.

If you encounter startup issues or any other operational problems, please do not hesitate to contact our customer service for assistance. They are equipped to provide guidance and solutions.

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