

VEVOR 6200

VEVOR 62cc Gas Chainsaw Model 6200 Instruction Manual

For safe and effective operation

1. INTRODUCTION

This instruction manual provides essential information for the safe assembly, operation, and maintenance of your VEVOR 62cc Gas Chainsaw, Model 6200. Please read this manual thoroughly before using the chainsaw to ensure proper handling and to prevent injury or damage to the equipment. Keep this manual in a safe place for future reference.

The VEVOR 62cc Gas Chainsaw is designed for various logging tasks, including cutting wood, pruning branches, and clearing land. It features a powerful 62cc engine, a 508mm (20-inch) guide bar, and a robust construction for reliable performance.

2. SAFETY INSTRUCTIONS

WARNING: Chainsaws are dangerous tools. Improper use can result in serious injury or death. Always follow all safety precautions.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including a safety helmet, eye protection, hearing protection, heavy-duty gloves, safety trousers (cut-resistant), and safety boots.
- **Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from other people and objects. Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- **Pre-Operation Check:** Before each use, inspect the chainsaw for loose parts, damaged components, proper chain tension, and adequate fuel and oil levels. Ensure the chain brake is functional.
- **Fuel Handling:** Mix and handle fuel in a well-ventilated area, away from ignition sources. Use a proper fuel container. Do not smoke while refueling.
- **Starting Procedure:** Follow the correct starting procedure. Ensure the chainsaw is on stable ground and you have a firm grip.
- **Operating Grip:** Always hold the chainsaw firmly with both hands, with your thumbs and fingers

encircling the handles.

- **Kickback Prevention:** Be aware of kickback. Avoid cutting with the tip of the guide bar. Maintain a balanced stance.
- **Emergency Stop:** Familiarize yourself with the emergency stop mechanism.
- **Maintenance:** Perform all maintenance tasks with the engine off and the spark plug cap disconnected.
- **Transportation and Storage:** Transport the chainsaw with the engine off, the chain brake engaged, and the guide bar covered. Store it in a secure, dry place, out of reach of children.

3. PRODUCT COMPONENTS OVERVIEW

Understanding the different parts of your chainsaw is crucial for safe operation and maintenance.

Product Details



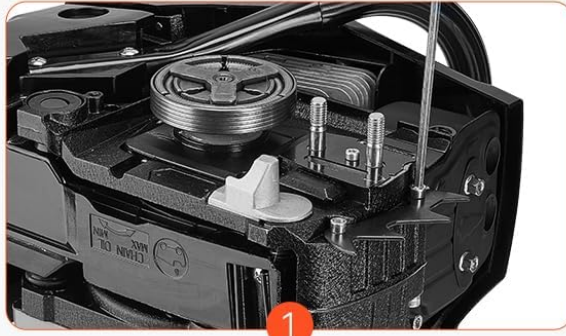
Image 3.1: Chainsaw Components. This diagram illustrates the key components of the VEVOR 62cc Gas Chainsaw, including the front handle, chain brake, chain tensioner, 20-inch guide bar, air flap lever, engine switch, starter handle, air filter, throttle lock, back handle, fuel tank, on/off switch, and oil tank.

- **Front Handle:** Provides a secure grip for control during operation.
- **Chain Brake:** A safety feature designed to stop the chain rapidly in case of kickback or emergency.
- **Guide Bar:** The metal bar that supports and guides the saw chain.
- **Saw Chain:** The cutting component of the chainsaw.
- **Engine Switch:** Controls the engine's power (on/off).
- **Starter Handle:** Used to pull the starter rope and initiate engine ignition.
- **Fuel Tank:** Holds the gasoline and oil mixture.

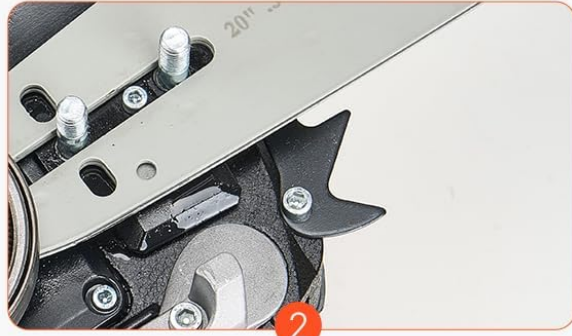
- **Oil Tank:** Holds the chain lubricant oil.
- **Throttle Lock:** A safety mechanism that prevents accidental acceleration.
- **Chain Tensioner:** Mechanism for adjusting the tension of the saw chain.

4. ASSEMBLY

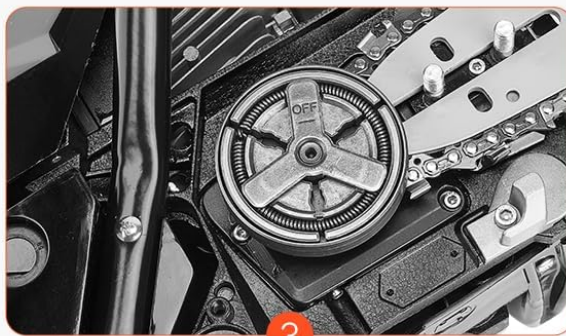
Follow these steps to correctly assemble your VEVOR 62cc Gas Chainsaw.



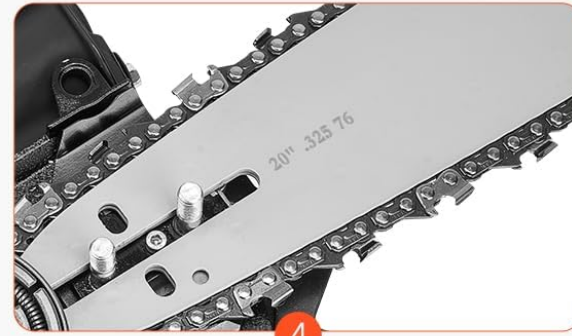
Open the side cover



Install the wood tooth



Install the guide bar



Install the chainsaw, ensuring the direction of the teeth is correct



Close the side cover, adjust the chain tension, and ensure the distance between the chain bottom and guide bar is 2-4 mm



Lock the side cover

Image 4.1: Chainsaw Assembly Steps. This image illustrates the six key steps for assembling the chainsaw: opening the side cover, installing the wood tooth, installing the guide bar, installing the chain with correct tooth direction, closing the side cover and adjusting chain tension, and finally locking the side cover.

1. **Open the Side Cover:** Locate and open the side cover of the chainsaw to access the sprocket and guide bar mounting area.
2. **Install the Wood Tooth (Bumper Spike):** Attach the metal bumper spike (also known as a felling dog or wood tooth) to the chainsaw body using the provided screws. This helps stabilize the chainsaw during cutting.
3. **Install the Guide Bar:** Position the guide bar onto the mounting studs, ensuring the holes align with the studs.
4. **Install the Chain:** Carefully place the saw chain around the sprocket and into the groove of the guide bar. Ensure the cutting edges of the chain teeth are facing the correct direction (forward, away from the engine).
5. **Adjust Chain Tension and Close Side Cover:** While holding the guide bar up, adjust the chain tensioner screw until the chain is snug but can still be pulled freely by hand. There should be a small gap (2-4 mm) between the bottom of the chain and the guide bar when lifted. Close the side cover.
6. **Lock the Side Cover:** Securely tighten the nuts or bolts on the side cover to lock it in place. Re-check chain tension after tightening.

5. FUEL AND OIL MIXTURE

This chainsaw operates on a mixture of unleaded gasoline and 2-stroke engine oil. Using the correct mixture ratio is vital for engine longevity and performance.

- **Fuel Mixture Ratio:** The recommended fuel-to-oil mixing ratio is **40:1** (40 parts gasoline to 1 part 2-stroke engine oil).
- **Gasoline:** Use fresh, unleaded gasoline with an octane rating of 89 or higher.
- **2-Stroke Oil:** Use high-quality 2-stroke engine oil specifically designed for air-cooled engines.
- **Mixing:** Mix the fuel and oil in a separate, approved fuel container. Shake the container thoroughly before pouring the mixture into the chainsaw's fuel tank.
- **Chain Oil:** Fill the separate oil tank with high-quality chain lubricant oil. This oil automatically lubricates the guide bar and chain during operation, reducing wear. The chain oil tank capacity is 260 ml (0.07 gallons).
- **Capacities:** The fuel tank capacity is 550 ml (0.14 gallons).

CAUTION: Never use pure gasoline or automotive engine oil in the fuel tank. This will cause severe engine damage and void the warranty.

6. STARTING THE CHAINSAW

The VEVOR 62cc Gas Chainsaw offers both cold and hot starting methods.

Two Starting Methods

Cold Start:



1

Press the primer bulb

2

Close the choke

3

Pull the starter rope 3–5 times

4

Open the choke

Hot Start:



Pull the starter rope 3-5 times

Image 6.1: Chainsaw Starting Methods. This image illustrates the steps for both cold and hot starting the chainsaw. Cold start involves pressing the primer bulb, closing the choke, pulling the starter rope, and then opening the choke. Hot start only requires pulling the starter rope.

6.1 Cold Start (Engine is cold or has not been run recently)

1. **Press the Primer Bulb:** Repeatedly press the primer bulb (usually 7-10 times) until fuel is visible in the return line.
2. **Close the Choke:** Move the choke lever to the 'Closed' or 'Full Choke' position.
3. **Pull the Starter Rope:** Place the chainsaw on a firm, flat surface. Hold the front handle firmly. Pull the starter rope 3-5 times with a short, sharp pull until the engine briefly fires or 'pops'.
4. **Open the Choke:** Once the engine has fired, immediately move the choke lever to the 'Open' or 'Half'

Choke' position.

5. **Restart:** Pull the starter rope again 3-5 times until the engine starts and runs smoothly. Allow the engine to warm up for a few moments before engaging the throttle.

6.2 Hot Start (Engine is warm or has been recently run)

1. **Pull the Starter Rope:** Ensure the choke is in the 'Open' position. Pull the starter rope 3-5 times until the engine starts.

IMPORTANT: Never drop-start the chainsaw. Always place it on stable ground and hold it firmly.

7. OPERATING THE CHAINSAW

Once the chainsaw is started and warmed up, you can begin cutting. Always prioritize safety.

- **Stance and Grip:** Maintain a balanced stance with your feet shoulder-width apart. Hold the chainsaw firmly with both hands, thumbs wrapped around the handles.
- **Cutting Technique:** Plan your cuts. Start with a full throttle. Avoid cutting with the tip of the guide bar to prevent kickback. Use the bumper spike to pivot the chainsaw into the wood.
- **Felling Trees:** For felling trees, follow proper felling techniques, including making a notch cut and a felling cut. Ensure a clear escape path.
- **Limbing and Bucking:** When limbing (removing branches) or bucking (cutting logs into sections), be aware of potential pinch points and rolling logs.
- **Avoid Overreaching:** Do not overreach or cut above shoulder height.
- **Fatigue:** Take regular breaks to avoid fatigue, which can lead to accidents.

8. EMERGENCY STOP

In case of an emergency or loss of control, it is critical to stop the chainsaw immediately.

Emergency Stop for Secure Operation



Image 8.1: Emergency Stop Mechanism. This image demonstrates how to activate the emergency stop by pressing the chain brake lever, which immediately stops the saw chain and helps prevent wood chips from flying.

- **Chain Brake:** The primary emergency stop mechanism is the chain brake. Push the chain brake lever forward (away from you) to engage it. This will instantly stop the saw chain.
- **Engine Stop Switch:** For a complete shutdown, move the engine switch to the 'OFF' position.

Always ensure the chain brake is functional before each use.

9. MAINTENANCE

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

- **Chain Sharpening:** Keep the saw chain sharp. A dull chain increases effort, reduces cutting efficiency, and increases the risk of kickback. Refer to the chain manufacturer's guidelines for sharpening angles and file sizes.
- **Chain Tension:** Regularly check and adjust chain tension. A loose chain can derail, and a too-tight chain can cause excessive wear to the guide bar and sprocket.
- **Guide Bar Maintenance:** Clean the guide bar groove regularly to remove sawdust and debris. Flip the guide bar periodically to ensure even wear.
- **Air Filter:** Clean the air filter frequently, especially in dusty conditions. A clogged air filter can reduce engine performance and increase fuel consumption.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace it if it is fouled or damaged.
- **Cooling Fins:** Keep the engine's cooling fins clean to prevent overheating.
- **General Cleaning:** After each use, clean the chainsaw thoroughly, removing sawdust, resin, and debris from all surfaces.

Always disconnect the spark plug cap before performing any maintenance or cleaning.

10. TROUBLESHOOTING

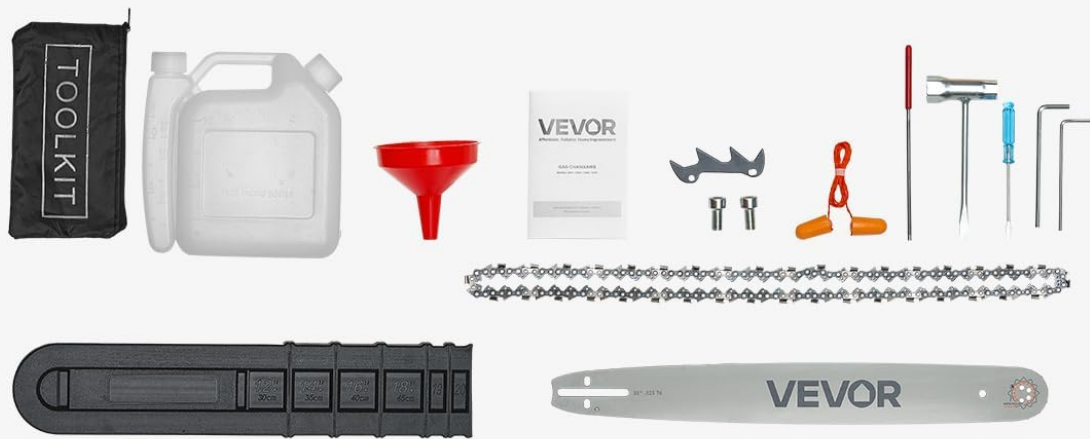
This section addresses common issues you might encounter with your chainsaw.

- **Engine Does Not Start:**
 - Check fuel level and ensure correct fuel/oil mixture.
 - Ensure the engine switch is in the 'ON' position.
 - Check spark plug for fouling or damage.
 - Ensure the choke is used correctly for cold starting.
- **Engine Runs Poorly/Lacks Power:**
 - Clean or replace the air filter.
 - Check for correct fuel/oil mixture.
 - Inspect spark plug.
 - Ensure chain tension is not too tight.
- **Chain Not Oiling:**
 - Check chain oil reservoir level.
 - Clean the oil outlet hole and guide bar groove.
- **Excessive Vibration:**
 - Check for loose components.
 - Inspect chain for damage or improper sharpening.

If problems persist after following these troubleshooting steps, please contact VEVOR customer support or a qualified service technician.

11. SPECIFICATIONS

Technical details for the VEVOR 62cc Gas Chainsaw, Model 6200.



Item Model Number: **6200** Displacement: **62 CC**
 Power: **3.6 HP / 2.7 kW** RPM: **8500 rpm; Max. 11800 rpm**
 Color: **Orange + Black** Max Cutting Diameter: **18 in / 455 mm**
 Guide Bar Size: **20 in / 508 mm** Fuel Tank Capacity: **550 ml / 0.14 Gallon**
 Chain Oil Tank Capacity: **260 ml / 0.07 Gallon**
 Main Material: **PA6 + 30% GP, ADC Aluminum**
 Product Weight: **7.2 kg / 15.87 lbs**

Image 11.1: Product Specifications Summary. This image provides a quick overview of the chainsaw's key technical specifications.

Specification	Value
Item Model Number	6200
Displacement	62 cc
Power	3.6 HP / 2.7 kW
RPM	8,500 rpm; Max. 11,800 rpm

- 1 x 45-tooth wood insert (bumper spike)
- 2 x Screws
- 1 x Guide Bar
- 1 x Saw Chain
- 1 x Protective Plate
- 1 x Chainsaw Cover
- 1 x Large 1.5 L Mixing Bottle
- 1 x Funnel
- 1 x Cross Oil Saw Socket 13-19 1.8 mm
- 1 x Standard Hex Wrench 3#
- 1 x Standard Hex Wrench 4#
- 1 x Red Handle File
- 1 x Screwdriver
- 2 x Corded Earplugs
- 1 x User Manual

13. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase. If you have any questions or require assistance, please contact VEVOR customer service.