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## Baotree 24050

# Baotree 62cc Gas Chainsaw Instruction Manual

Models: 18-inch and 22-inch Bar

## 1. SAFETY INFORMATION

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Operating a chainsaw can be dangerous. Always prioritize safety to prevent serious injury or death. Read and understand this entire manual before operating the chainsaw.

### 1.1 Personal Protective Equipment (PPE)

- **Head Protection:** Wear a safety helmet.
- **Eye Protection:** Wear safety glasses or goggles.
- **Ear Protection:** Wear earplugs or earmuffs.
- **Hand Protection:** Wear heavy-duty work gloves.
- **Leg Protection:** Wear chainsaw protective chaps or trousers.
- **Foot Protection:** Wear steel-toed safety boots with good grip.

### 1.2 General Safety Guidelines

- **Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from others.
- **Stability:** Always maintain firm footing and balance. Do not overreach.
- **Fuel Handling:** Handle fuel in a well-ventilated area, away from ignition sources. Do not smoke while refueling.
- **Kickback Prevention:** Be aware of the risk of kickback. Avoid cutting with the tip of the guide bar. The chainsaw features a **3D Anti-Kickback Chain Brake System** for enhanced safety.
- **Inspection:** Before each use, inspect the chainsaw for loose parts, damage, or wear. Ensure the chain brake is functional.
- **Proper Grip:** Always hold the chainsaw firmly with both hands, with your thumbs and fingers encircling the handles.
- **Weather Conditions:** Do not operate the chainsaw in adverse weather conditions such as heavy rain, strong winds, or icy conditions.

## 2. PRODUCT OVERVIEW

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The Baotree 62cc Gas Chainsaw is a powerful tool designed for tree cutting, firewood preparation, and logging. It features a 2-cycle engine, anti-vibration system, and quick start technology.

## 2.1 Components



**Image Description:** This diagram illustrates the key components of the Baotree 62cc Gas Chainsaw. Labeled parts include the Upper Handle, Starting Cord, Fuel Filler Cap, Chain Lubricant Filler Cap, Exhaust, Chain Bar, Saw Chain, Engine ON/OFF Switch, Choke Control, Rear Handle, Throttle Control, Primer Bulb, Chain Tension Adjustor, and Spark Plug.

- **Upper Handle:** For stable two-hand operation.
- **Rear Handle:** Contains the throttle control and engine ON/OFF switch.
- **Chain Brake Handle:** Activates the chain brake for safety.
- **Starting Cord:** Used to manually start the engine.
- **Fuel Filler Cap:** For adding fuel mixture.
- **Chain Lubricant Filler Cap:** For adding bar and chain oil.
- **Primer Bulb:** Primes the carburetor with fuel for easier starting.
- **Choke Control:** Used for cold starting the engine.
- **Engine ON/OFF Switch:** Controls engine power.
- **Chain Bar:** The guide for the saw chain, available in 18-inch and 22-inch lengths.
- **Saw Chain:** The cutting component of the chainsaw.
- **Chain Tension Adjustor:** Allows for tool-free adjustment of chain tension.



**Image Description:** This image displays the Baotree 62cc Gas Chainsaw unit, accompanied by both an 18-inch and a 22-inch guide bar and chain, along with a basic toolkit for assembly and maintenance.

### 3. SETUP AND ASSEMBLY

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#### 3.1 Unpacking and Inspection

1. Carefully remove all components from the packaging.
2. Verify that all parts listed in the packing list are present and undamaged.
3. Familiarize yourself with the chainsaw components using the Product Overview section.

#### 3.2 Guide Bar and Chain Installation

1. Ensure the engine is off and the chain brake is engaged.
2. Remove the side cover by loosening the nuts.
3. Place the chain around the clutch drum and guide bar. Ensure the cutting edges of the chain are facing the correct direction (refer to the arrow on the guide bar).
4. Mount the guide bar onto the studs, ensuring the chain tension pin engages with the hole in the guide bar.
5. Replace the side cover and hand-tighten the nuts. Do not fully tighten yet.

#### 3.3 Chain Tension Adjustment

This chainsaw features a **Tool-Free Chain Tensioning System**.

1. With the side cover nuts hand-tightened, use the chain tension adjustor knob (or screw) to adjust the chain tension.
2. The chain should be snug against the bottom of the guide bar, but still able to be pulled freely by hand. There should be no slack on the underside of the bar.
3. Once tension is correct, fully tighten the side cover nuts.

### 3.4 Fuel and Chain Oil Filling

**Important:** Always mix fuel and oil in a separate, approved container. Do not mix directly in the chainsaw's fuel tank.

- **Fuel Mixture:** This is a 2-cycle engine. Mix unleaded gasoline with 2-cycle engine oil at a ratio of **25:1** (25 parts gasoline to 1 part oil). Refer to the chainsaw's specific label or manual for the exact recommended ratio if different.
- **Chain Oil:** Fill the chain lubricant reservoir with high-quality bar and chain oil. This oil lubricates the chain and guide bar during operation.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Starting the Engine (Quick Start Technology)

1. Place the chainsaw on a firm, flat surface. Ensure the chain brake is engaged.
2. Set the Engine ON/OFF switch to the 'ON' position.
3. Press the primer bulb several times until fuel is visible in the return line.
4. Pull the choke control out to the 'FULL CHOKE' position (for cold starts).
5. Hold the chainsaw firmly with one hand on the front handle and pull the starting cord with the other hand until the engine briefly fires (usually 1-3 pulls).
6. Push the choke control halfway in (to 'HALF CHOKE' or 'RUN' position, depending on model).
7. Pull the starting cord again until the engine starts and runs smoothly.
8. Once the engine is running, push the choke control fully in. Allow the engine to warm up for a few moments before disengaging the chain brake and beginning work.

### 4.2 Cutting Techniques

Always maintain a secure grip with both hands. Stand with your feet apart for balance. Plan your cuts to avoid kickback and ensure the log or branch is stable.



**Image Description:** A user is shown operating the Baotree 62cc Gas Chainsaw in an outdoor setting, actively cutting through a log to prepare firewood. The user is wearing appropriate safety gloves.



**Image Description:** This close-up image captures the Baotree 62cc Gas Chainsaw in action, with its chain actively cutting into a large log, generating wood chips. This demonstrates the chainsaw's cutting capability.

### 4.3 Stopping the Engine

1. Release the throttle trigger.
2. Engage the chain brake.
3. Move the Engine ON/OFF switch to the 'OFF' position.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your chainsaw. Always ensure the engine is off and cool, and the spark plug cap is disconnected before performing any maintenance.

### 5.1 Chain Sharpening and Replacement

- A sharp chain is crucial for safe and efficient cutting. Sharpen the chain regularly using a round file of the correct diameter for your chain type.
- Replace the chain when it becomes dull beyond sharpening, or if it has damaged links or rivets.

## 5.2 Air Filter Cleaning

- Periodically remove and clean the air filter. A clogged air filter can reduce engine performance and increase fuel consumption.
- Clean with warm, soapy water, rinse thoroughly, and allow to dry completely before reinstallation.

## 5.3 Spark Plug Inspection

- Inspect the spark plug for wear, carbon buildup, or damage. Clean or replace as necessary.
- Ensure the spark plug gap is set to the manufacturer's specification.

## 5.4 Guide Bar Maintenance

- Clean the guide bar groove regularly to remove sawdust and debris.
- Check for burrs on the guide bar rails and file them smooth if present.
- Flip the guide bar periodically to ensure even wear.

## 5.5 Winterized Carburetor

The chainsaw is equipped with a **Winterized Carburetor with Pre-Heating**. This feature helps ensure reliable starting and operation in colder temperatures by preventing carburetor icing.

# 6. TROUBLESHOOTING

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This section provides solutions to common operational issues. If you encounter problems not listed here, or if solutions do not resolve the issue, contact customer support.

Problem	Possible Cause	Solution
Engine will not start	<ul style="list-style-type: none"><li>• No fuel or incorrect fuel mix</li><li>• Choke not set correctly</li><li>• Spark plug fouled or damaged</li><li>• Engine ON/OFF switch in 'OFF' position</li><li>• Primer bulb not primed</li></ul>	<ul style="list-style-type: none"><li>• Check fuel level and ensure correct 25:1 mix</li><li>• Follow starting procedure (Section 4.1)</li><li>• Inspect and clean/replace spark plug</li><li>• Set switch to 'ON'</li><li>• Press primer bulb until fuel is visible</li></ul>
Chainsaw cuts poorly or slowly	<ul style="list-style-type: none"><li>• Dull chain</li><li>• Incorrect chain tension</li><li>• Chain installed backward</li><li>• Guide bar worn</li></ul>	<ul style="list-style-type: none"><li>• Sharpen or replace chain</li><li>• Adjust chain tension (Section 3.3)</li><li>• Reinstall chain with cutting edges facing forward</li><li>• Inspect and replace guide bar if necessary</li></ul>
Engine runs, but chain does not move	<ul style="list-style-type: none"><li>• Chain brake engaged</li><li>• Clutch issue</li></ul>	<ul style="list-style-type: none"><li>• Disengage chain brake</li><li>• Contact service for clutch inspection</li></ul>

Problem	Possible Cause	Solution
Excessive smoke from exhaust	<ul style="list-style-type: none"> <li>• Incorrect fuel/oil mix (too much oil)</li> <li>• Clogged air filter</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure correct 25:1 fuel mix</li> <li>• Clean air filter (Section 5.2)</li> </ul>

## 7. SPECIFICATIONS

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Technical details for the Baotree 62cc Gas Chainsaw.

Feature	Detail
Brand	Baotree
Model Number	24050
Engine Displacement	62cc
Power Source	Gas Powered (2-Cycle)
Horsepower	3.5 HP
Guide Bar Lengths	18 inches & 22 inches
Item Weight	19 Pounds
Product Dimensions (L x W x H)	35.4" x 10" x 10.8"
Anti-Vibration System	Yes
Chain Brake System	3D Anti-Kickback
Carburetor	Winterized with Pre-Heating
Environmental Compliance	EPA Phase III & CARB Compliant Engine
UPC	726018199641

## 8. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation included with your purchase or contact Baotree customer support directly. Keep your proof of purchase for warranty claims.

### 8.1 Customer Support

If you have questions, require technical assistance, or need to order replacement parts, please contact Baotree customer service. Contact details are typically found on the product packaging or the official Baotree website.