

Baotree 24050

Baotree 62cc Gas Chainsaw 20 Inch Instruction Manual

Model: 24050

1. IMPORTANT SAFETY INFORMATION

Always prioritize safety when operating the chainsaw. Failure to follow safety guidelines can result in serious injury or death.

- Read and understand the entire instruction manual before operation.
- Wear appropriate personal protective equipment (PPE) including a helmet, eye protection, hearing protection, gloves, and safety boots.
- Ensure the **3D Anti-Kickback Chain Brake System** is functional and engaged when not actively cutting.
- Operate the chainsaw in a well-ventilated area.
- Keep bystanders, especially children and pets, at least 50 feet (15 meters) away from the work area.
- Inspect the chainsaw for damage or loose parts before each use.
- Do not operate the chainsaw when fatigued, under the influence of alcohol, drugs, or medication.
- Maintain a firm grip with both hands on the chainsaw handles.
- Be aware of kickback hazards and proper cutting techniques.

2. PRODUCT OVERVIEW AND COMPONENTS

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



Figure 2.1: Baotree 62cc Gas Chainsaw, 20 Inch.

This image displays the overall view of the Baotree 62cc Gas Chainsaw, highlighting its robust design and 20-inch bar.

Key Components:



Figure 2.2: Labeled Components.

This image provides a detailed view of the chainsaw with various components labeled, including the upper handle, starting cord, fuel filler cap, chain lubricant filler cap, chain bar, saw chain, exhaust, spark plug, chain brake handle,

chain tension adjuster, primer bulb, choke control, engine ON/OFF switch, and rear handle.

- **Engine:** 62cc 2-Cycle Engine with 3.5 Horsepower.
- **Bar Length:** 20 Inches.
- **Chain Brake:** 3D Anti-Kickback Chain Brake System for enhanced safety.
- **Crankcase:** Forged Magnesium for durability.
- **Chain Tensioning:** Tool-Free system for easy adjustments.
- **Carburetor:** Winterized with Pre-Heating for all-weather performance.
- **Compliance:** EPA Phase III & CARB Compliant Engine.

3. SETUP AND ASSEMBLY

Before operating your Baotree chainsaw, proper assembly and preparation are essential for safety and performance.

3.1. Attaching the Bar and Chain:

1. Remove the chain brake cover by loosening the two nuts.
2. Carefully place the chain around the drive sprocket and guide bar. Ensure the cutting edges of the chain are facing the correct direction.
3. Align the guide bar with the studs on the engine housing.
4. Reinstall the chain brake cover and hand-tighten the nuts. Do not fully tighten yet.
5. Adjust the chain tension using the tool-free tensioning system. The chain should be snug against the bar but still able to be pulled around by hand.
6. Once tension is correct, fully tighten the nuts on the chain brake cover.

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Video 3.1: Chainsaw Assembly Guide.

This video demonstrates the assembly process of a gas chainsaw, including attaching the guide bar and chain, and adjusting chain tension. While the model shown may differ slightly, the general steps apply to the Baotree 62cc Gas Chainsaw.

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Video 3.2: Gas Chainsaw Assembly.

This video illustrates the step-by-step assembly of a gas chainsaw, covering the installation of the bar and chain. The principles demonstrated are applicable to the Baotree 62cc Gas Chainsaw.

3.2. Fuel and Chain Oil Mixture:

The Baotree 62cc Chainsaw uses a 2-cycle engine, requiring a specific fuel-to-oil mixture. Refer to the engine specifications for the exact ratio (typically 25:1 or 40:1, check your manual for precise details).

1. Mix fresh unleaded gasoline with high-quality 2-cycle engine oil in a separate, approved fuel container.
2. Fill the fuel tank (labeled "Fuel Filler Cap" in Figure 2.2) with the prepared mixture.
3. Fill the chain oil reservoir (labeled "Chain Lubricant Filler Cap" in Figure 2.2) with appropriate bar and chain oil.

4. OPERATING INSTRUCTIONS

4.1. Starting the Chainsaw:

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. Pull out the choke control to the "CLOSED" position.
4. Press the primer bulb 4-5 times until fuel is visible.
5. Pull the starting cord firmly and steadily until the engine "pops" or attempts to start. Do not pull the cord to its full extension.
6. Push the choke control back to the "OPEN" position.
7. Pull the starting cord again until the engine starts.
8. Allow the engine to warm up for a few moments before engaging the throttle.

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Video 4.1: Gas Chainsaw Operation.

This video demonstrates the starting procedure and basic operation of the Baotree Gas Chainsaw, including pulling the starter cord and engaging the throttle.

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Video 4.2: Chainsaw Demonstration.

This video shows the Baotree Gas Chainsaw in action, demonstrating its cutting capabilities on wood. It highlights the power and ease of use for various tasks.

4.2. Cutting Techniques:

- Always maintain a balanced stance and firm grip.
- Avoid cutting with the tip of the guide bar to prevent kickback.
- When cutting branches, always cut from the underside first to prevent pinching.
- Be aware of falling branches and logs. Plan your cuts and escape routes.



Figure 4.1: Chainsaw in Use.

This image shows the Baotree 62cc Gas Chainsaw actively cutting a log, demonstrating proper handling and cutting angle.



Figure 4.2: Cutting a Large Log.

This image illustrates the chainsaw being used to cut a larger log, showcasing its power and the anti-vibration system in action for user comfort.

5. MAINTENANCE

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

- **Chain Sharpening:** Keep the chain sharp for efficient and safe cutting. Refer to the manual for specific sharpening angles and tools.
- **Chain Tension:** Check chain tension frequently. A loose chain can derail, and an overly tight chain can cause premature wear.
- **Air Filter:** Clean or replace the air filter regularly to maintain engine performance.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.
- **Bar Maintenance:** Clean the guide bar groove and oil holes. Flip the bar periodically to ensure even wear.
- **Fuel and Oil:** Always use the correct fuel-to-oil mixture and fresh fuel. Store fuel in an approved container.



Figure 5.1: Included Toolkit.

The chainsaw comes with a basic toolkit for assembly and minor maintenance tasks, including a wrench and screwdriver.

6. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect mixture Choke not set correctly Spark plug fouled or damaged Chain brake engaged	Check fuel level and mixture ratio. Ensure choke is in the correct position for starting. Clean or replace spark plug. Disengage chain brake.
Chainsaw cuts poorly	Dull chain Incorrect chain tension Insufficient chain oil	Sharpen or replace chain. Adjust chain tension. Refill chain oil reservoir.

Problem	Possible Cause	Solution
Excessive vibration	Loose components Damaged chain or bar	Check and tighten all fasteners. Inspect chain and bar for damage; replace if necessary.

7. SPECIFICATIONS

Feature	Detail
Brand	Baotree
Model Number	24050
Power Source	Gas Powered
Engine Displacement	62cc
Horsepower	3.5 Horsepower
Bar Length	20 Inches
Item Weight	16.5 Pounds
Product Dimensions	35.4"L x 10"W x 10.8"H
UPC	726018199474
Safety Features	3D Anti-Kickback Chain Brake System
Engine Compliance	EPA Phase III & CARB Compliant



Figure 7.1: Product Dimensions.

This image provides a visual representation of the chainsaw's dimensions, including length, width, and height.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Baotree customer service. Keep your purchase receipt and model number (24050) handy for faster service. Visit the [Baotree Store](#) for more products and information.

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