SUPMIXTOOLS 6250

SUPMIXTOOLS 62cc Gas Chainsaw 20 Inch User Manual

Model: 6250 | Brand: SUPMIXTOOLS

1. Important Safety Information

Always read and understand this entire manual before operating the chainsaw. Failure to follow all instructions can result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including a helmet, eye protection, hearing protection, heavy-duty gloves, safety boots, and leg protection (chaps).
- **Work Area:** Ensure the work area is clear of bystanders, pets, and obstacles. Maintain a firm footing and balance.
- **Fuel Handling:** Mix and handle fuel in a well-ventilated area, away from ignition sources. Do not smoke while fueling.
- **Kickback Prevention:** Be aware of kickback hazards. Avoid cutting with the tip of the guide bar. Maintain a firm grip with both hands.
- **Maintenance:** Regularly inspect the chainsaw for damaged parts, loose fasteners, and proper chain tension. Do not operate a damaged chainsaw.
- **First Aid:** Keep a first aid kit readily available.

2. Package Contents

Verify that all items are present upon unpacking:

- 62cc Gas Chainsaw Unit
- 20-Inch Guide Bar
- Saw Chain
- Guide Bar Cover
- Fuel Mixing Bottle
- Funnel
- Tool Kit (includes wrench, screwdriver, file, spark plug, starter rope)
- Instruction Manual





Image: The SUPMIXTOOLS 62cc Gas Chainsaw with its complete set of accessories, including the guide bar, chain, protective cover, fuel mixing bottle, funnel, and a comprehensive tool kit for assembly and maintenance.

3. Product Overview

Familiarize yourself with the components of your chainsaw before operation.



Image: A detailed diagram labeling key components of the chainsaw, including the Starter Handle, Front Handle, Air Filter Cover, Switch Button, Choke Knob, Trigger Lockout, Trigger Lock, Throttle Trigger, Fuel Tank, Starter Cover, Chain Oil Tank, Guide Bar, Saw Chain, and Chain Brake.

4. Assembly

Follow these steps to assemble your chainsaw:

1. **Assemble Bumper Spike:** Attach the bumper spike to the chainsaw body using the provided screws.
2. **Install Saw Chain:** Ensure the drive links of the chain fit completely onto the drive sprocket. The cutting edge of the chain should face forward.
3. **Engage Saw Chain with Guide Bar:** Lift the saw chain and engage it in the groove on the guide bar. Start on the top edge of the guide bar.
4. **Secure Guide Bar:** Make sure the screw plug is inserted into the slot of the guide bar. You can turn the screw easily to adjust chain tension.
5. **Tighten Saw Chain:** Tighten the saw chain until it does not sag from below the guide bar, but can still be turned easily by hand.
6. **Final Tightening:** Hold up the end of the guide bar and tighten the bar nuts with the combination wrench until

secure. The chain should spin freely but be taut enough not to derail.



Image: A visual guide illustrating the six steps for assembling the chainsaw, from attaching the bumper spike to tightening the guide bar and chain.

5. Fuel and Lubrication

5.1 Fuel Mixture

This chainsaw uses a 2-cycle engine and requires a specific fuel mixture. Use a high-quality 2-cycle engine oil mixed with unleaded gasoline at a **50:1 ratio** (50 parts gasoline to 1 part oil). Always use fresh fuel. Pre-mixed canned fuels designed for 2-cycle engines are recommended for optimal performance and easier starting.

5.2 Chain Lubrication

Fill the chain oil tank with good quality bar and chain oil. The automatic oiler system will lubricate the chain during operation. Regularly check the oil level and refill as needed to prevent damage to the guide bar and chain.

6. Starting the Engine (Cold Start)

Follow these steps for a cold start:

1. **Engage Chain Brake:** Push the chain brake forward to engage it. This prevents the chain from moving during startup.
2. **Pull Out Choke Knob:** Fully pull out the choke knob.
3. **Switch Button On:** Ensure the power switch is in the 'ON' position.
4. **Pull Starter Handle:** Place your foot on the rear handle for stability. Pull the starter handle firmly and steadily (maximum 6 times) until you hear the engine briefly 'pop' or make a motor sound.
5. **Push Back Choke Knob:** Fully push the choke knob back in.
6. **Pull Starter Handle Again:** Pull the starter handle again (maximum 20 times) until the chainsaw starts.

7. **Disengage Chain Brake:** Once the engine is running smoothly, pull the chain brake back to disengage it. The chain will now be ready to move.



Image: A six-panel visual guide demonstrating the process of starting a cold chainsaw engine, from engaging the chain brake and pulling the choke to pulling the starter handle and disengaging the brake.

7. Operating Instructions

7.1 Basic Cutting Techniques

- **Firm Grip:** Always hold the chainsaw firmly with both hands, wrapping your thumbs and fingers around the handles.
- **Stance:** Maintain a balanced stance with your feet shoulder-width apart.
- **Cutting Position:** Position yourself to the side of the cutting path, not directly behind the chainsaw.
- **Cutting Motion:** Let the chain do the work. Apply light pressure and allow the saw to cut through the material.

7.2 Avoiding Kickback

Kickback is a sudden upward and backward motion of the guide bar. To minimize risk:

- Never cut with the tip (kickback zone) of the guide bar.

- Ensure the chain is sharp and properly tensioned.
- Do not overreach or cut above shoulder height.
- Be aware of shifting logs or branches that could pinch the chain.



Image: A person wearing protective gloves and a long-sleeved shirt operating the SUPMIXTOOLS chainsaw to cut a large log, demonstrating proper handling during operation.

8. Maintenance

Regular maintenance ensures optimal performance and extends the life of your chainsaw.

- **Chain Tension:** Check chain tension before each use. The chain should be snug against the guide bar but still able to be pulled around by hand.
- **Chain Sharpening:** A dull chain reduces cutting efficiency and increases kickback risk. Sharpen the chain regularly using the provided file or have it professionally sharpened.
- **Cleaning:** After each use, clean sawdust and debris from the air filter, cooling fins, guide bar groove, and chain.
- **Air Filter:** Inspect and clean the air filter regularly. A clogged air filter can reduce engine performance.

- **Spark Plug:** Check the spark plug periodically for wear and proper gap. Replace if necessary.
- **Fuel Storage:** For long-term storage, drain all fuel from the tank and run the engine until it stops to clear the carburetor. This prevents fuel degradation issues.

9. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke setting, fouled spark plug, clogged fuel filter	Check fuel level and mixture, adjust choke, clean/replace spark plug, replace fuel filter
Chainsaw lacks power	Dull chain, incorrect chain tension, clogged air filter, old fuel	Sharpen chain, adjust tension, clean air filter, use fresh fuel
Chain not moving	Chain brake engaged, incorrect chain tension, damaged clutch	Disengage chain brake, adjust chain tension, inspect clutch (professional service recommended)
Excessive vibration	Loose components, damaged chain/guide bar, engine imbalance	Check all fasteners, inspect chain/guide bar for damage, consult professional for engine issues

10. Specifications

Key technical specifications for the SUPMIXTOOLS 62cc Gas Chainsaw Model 6250:

- **Engine Displacement:** 62cc
- **Power Source:** Gas Powered (2-Cycle)
- **Horsepower:** 4.2 HP
- **Wattage:** 3.2 KW
- **Guide Bar Length:** 20 Inches
- **Chain Speed:** 8500 RPM/Min
- **Product Dimensions:** 32.14"L x 10"W x 10.43"H
- **Item Weight:** 14 Pounds
- **Model Number:** 6250
- **UPC:** 764046573361



Image: A visual representation of the chainsaw's key parameters, including its 62cc engine, 4.2 HP, 20-inch guide bar, 8500 RPM max speed, 3.2 KW power, 550 ML fuel tank capacity, and 14 LBS weight, along with its overall dimensions.

11. Warranty and Support

For warranty information, technical support, or to order replacement parts, please contact SUPMIXTOOLS customer service directly. Refer to the contact information provided at the point of purchase or on the product packaging. Always provide your model number (6250) and purchase date when seeking support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question