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› [Gas Chainsaw 20 Inch 6220G Gas Powered Chainsaw, 62 CC 2.95 HP, 2-Stroke Engine, 20 Inch Chainsaw with High Performance for Wood Cutting and Tree Trimming User Manual](#)

SALEM MASTER 6220G

SALEM MASTER 6220G Gas Chainsaw User Manual

Model: 6220G

Brand: SALEM MASTER

1. PRODUCT OVERVIEW

The SALEM MASTER 6220G Gas Chainsaw is a powerful and reliable tool designed for wood cutting and tree trimming. It features a robust 62cc 2-stroke engine, delivering high performance for various tasks.



Figure 1.1: The SALEM MASTER 6220G Gas Chainsaw, a powerful tool for wood cutting.

Key Features:

- **High Performance:** Equipped with a 62cc, 3.4hp engine, delivering steady power to the 20-inch bar and low-kickback chain. Engine speed can reach up to 8500 rpm for efficient cutting.
- **Reliable and Professional:** Features a high-quality chain and high-hardness bar for fast cutting, durability, and high wear resistance. Designed to prevent chain drops and ensure a longer service life.
- **Automatic Oiler:** An automatic oil supply system ensures a steady flow of bar and chain oil, promoting safe and effective use while extending the chainsaw's lifespan. This system also helps reduce fuel consumption.
- **Ergonomic Design:** The comfortable, non-slip, and shock-absorbing handle design reduces fatigue during prolonged use, making the chainsaw balanced, maneuverable, and comfortable to operate.



6220G

62cc
Engine

20in
Guide Bar

3.4HP
Horsepower

2.5kW
Output Power

8500
RPM
Idling Speed

Figure 1.2: Chainsaw highlighting its 62cc engine, 20-inch guide bar, 3.4 HP, 2.5 kW output power, and 8500 RPM idling speed.

2. PRODUCT COMPONENTS AND DIAGRAM

Familiarize yourself with the various components of your SALEM MASTER 6220G Gas Chainsaw for safe and effective operation.



Figure 2.1: Detailed diagram showing the main components of the 6220G Chainsaw, including the saw chain, guide bar, front guard, non-slip handle, oil tank, fuel tank, visible oil tank, aluminum material, silicone material starting knob, air cleaner, throttle interlock, choke knob, throttle lever, and engine On/Off switch.

Included Accessories:

The following accessories are typically included with your chainsaw:

- 20-inch Guide Bar
- Saw Chain
- Tool Kit (including wrenches, screwdriver, file)
- Fuel Mixing Bottle
- Guide Bar Cover



Accessories

6220G

Figure 2.2: The 6220G Chainsaw shown with its standard accessories, including the guide bar, chain, tool kit, and fuel mixing bottle.

3. ASSEMBLY AND INITIAL SETUP

Proper assembly is crucial for safe and efficient operation. Follow these steps carefully.

3.1 Installing the Guide Bar and Chain:

1. Remove the black washer after removing the clutch cover.
2. Install the guide bar and place the chain into the groove, ensuring the cutting direction is correct.
3. Make sure the chain inserts the drive sprocket well.
4. Steer the adjuster pin to the bar hole.
5. Finger tighten the bar nuts.
6. Adjust the tensioner screw to fit the guide bar hole, checking that the chain turns well before starting the chainsaw.
7. Please check the correct hole of the clutch cover's screw on the guide bar; the bigger hole is the correct one.

8. Tighten the saw chain clockwise.
9. Test the saw chain for proper tension.
10. Finally, tighten the bar nuts securely with the provided tools.

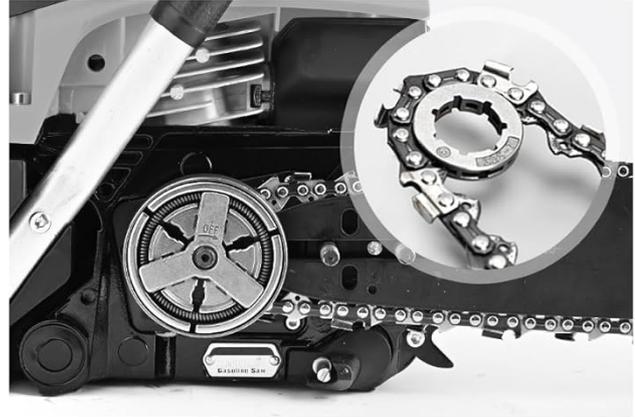


Figure 3.1: Visual guide for installing the guide bar and chain, showing the sequence of steps from placing the chain to tightening the bar nuts.

WARM TIPS TO AVOID PROBLEMS HAPPENING



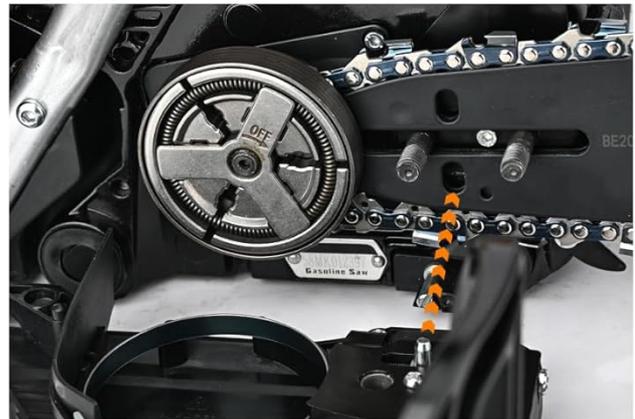
- Remove black washer after removing clutch cover



- Make Sure That The Chain Insert The Drive Sprocket Well



- Adjust The Tensioner Screw To Fit The Guide Bar Hole, Check If Chain Turns Well Before Starting Chainsaw



- Please Check The Correct Hole Of Clutch Cover's Screw On Guide Bar ,the Bigger Hole Is Right

Figure 3.2: Important tips for avoiding common assembly problems, including proper washer removal, chain seating, tensioner adjustment, and clutch cover screw alignment.

3.2 Fuel and Oil Filling:

This chainsaw uses a 2-stroke engine and requires a specific fuel mixture. Always use fresh, clean fuel and chain oil.

- **Fuel Mixture:** Mix unleaded gasoline with high-quality 2-stroke engine oil at a ratio of 50:1 (Gasoline:Oil). Use the provided mixing bottle for accuracy.
- **Fuel Tank:** Fill the fuel tank (labeled "Fuel Tank" on the diagram) with the prepared fuel mixture. Ensure the cap is securely tightened.
- **Chain Oil:** Fill the oil tank (labeled "Oil Tank" on the diagram) with quality bar and chain lubricant. This oil is automatically supplied to the chain during operation. Ensure the cap is securely tightened.



Figure 3.3: Close-up view of the chainsaw's oil tank and fuel tank, indicating their locations for filling.

4. OPERATING INSTRUCTIONS

Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear before operating the chainsaw.

4.1 Starting a Cold Engine:

1. Push the brake forward until it clicks into the engaged position.
2. Open the engine (up) / pull the choke out fully.
3. Pull the starter handle a maximum of 6 times until the engine briefly fires.
4. Push the choke back fully (in).
5. Pull the starter until the engine starts.
6. Pull the brake forward and hold the throttle trigger to disengage the brake.

TO START A COLD ENGINE



1 Push the brake (click)



2 Open the engine (up) /pull the choke out



3 Pull the starter handle(max 6 times)



4 Push the choke back fully



5 Pull the starter until the engine start



6 Pull the brake forward hold the throttle trigger

TO START A WARM ENGINE: 1 > 3 > 6

Figure 4.1: Step-by-step visual guide for starting the chainsaw when the engine is cold, illustrating the use of the brake, choke, and starter handle.

4.2 Starting a Warm Engine:

For a warm engine, follow steps 1, 3, and 6 from the cold start procedure.

- Push the brake forward until it clicks into the engaged position.
- Pull the starter handle until the engine starts.
- Pull the brake forward and hold the throttle trigger to disengage the brake.

4.3 General Operation:

Once the chainsaw is running, allow it to warm up for a few moments before beginning cutting tasks. Always maintain a firm grip with both hands and ensure stable footing. Be aware of your surroundings and potential kickback hazards.



Figure 4.3: The chainsaw is suitable for a variety of wood cutting applications, from felling small trees to processing firewood.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your chainsaw. Always disconnect the spark plug wire before performing any maintenance.

- **Chain Sharpening:** Keep the saw chain sharp for efficient and safe cutting. Use the provided file or a suitable chain sharpener.
- **Chain Tension:** Regularly check and adjust chain tension. A properly tensioned chain should not sag but should still be able to be pulled freely around the guide bar by hand.
- **Guide Bar Maintenance:** Clean the guide bar groove and oil holes regularly. Flip the guide bar periodically to ensure even wear.
- **Air Filter:** Clean the air filter frequently, especially in dusty conditions, to maintain engine performance.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.
- **Fuel and Oil Tanks:** Empty fuel and oil tanks before long-term storage.



Figure 5.1: Adjusting the chain tension using the tensioning screw to ensure proper chain operation.

6. TROUBLESHOOTING

This section provides solutions to common operational issues. For problems not listed here, please contact customer support.

| Problem | Possible Cause | Solution |
|---|--|---|
| Engine does not start or is difficult to start. | Incorrect starting procedure, stale fuel, fouled spark plug, clogged air filter. | Review starting instructions. Use fresh fuel mixture. Clean/replace spark plug. Clean air filter. |
| Chainsaw cuts poorly or slowly. | Dull chain, incorrect chain tension, insufficient chain oil. | Sharpen chain. Adjust chain tension. Check oil tank level and automatic oiler function. |
| Chain stops moving. | Chain brake engaged, chain jammed, clutch issue. | Disengage chain brake. Clear any debris jamming the chain. Consult a professional if clutch issues are suspected. |
| Excessive smoke from exhaust. | Incorrect fuel/oil mixture (too much oil), engine issues. | Ensure correct 50:1 fuel mixture. If problem persists, seek professional service. |

7. TECHNICAL SPECIFICATIONS

| Specification | Value |
|---------------------|--------------|
| Manufacturer | SALEM MASTER |
| Model | 6220G |
| Engine Displacement | 62cc |
| Horsepower | 3.4 hp |
| Guide Bar Length | 20 inches |

| Specification | Value |
|--------------------------------|------------------------|
| Power Source | Gas Powered (2-Stroke) |
| Engine Speed (Max) | 8500 rpm |
| Item Weight | 18.51 pounds |
| Product Dimensions (L x W x H) | 20 x 10 x 11 inches |
| UPC | 745746734764 |



Figure 7.1: Diagram illustrating the overall dimensions of the 6220G Chainsaw, including the 20-inch guide bar and total length/height.

8. WARRANTY AND CUSTOMER SUPPORT

SALEM MASTER is committed to providing high-quality products and exceptional customer service.

For any questions or concerns regarding your SALEM MASTER 6220G Gas Chainsaw, please contact us directly via Amazon Email or through our official website. Please note that Amazon's return policy may not cover gasoline-related products, so direct contact is recommended for support.

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For further assistance, please refer to the contact information provided with your purchase.