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Wolf W25.4CC

Wolf 25.4CC Petrol Chainsaw Instruction Manual

Model: W25.4CC

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for choosing the Wolf 25.4CC Petrol Chainsaw. This manual provides essential information for the safe and effective operation, maintenance, and care of your chainsaw. Please read and understand all instructions before operating the machine. Keep this manual for future reference.

1.1 General Safety Warnings

- **Always wear appropriate personal protective equipment (PPE)** including a safety helmet, eye protection, hearing protection, heavy-duty gloves, safety trousers, and safety boots.
- **Never operate the chainsaw when fatigued**, under the influence of alcohol, drugs, or medication.
- **Keep children, bystanders, and animals at a safe distance** (at least 10 meters) from the work area.
- **Inspect the chainsaw before each use** for loose parts, damage, or wear. Do not operate a damaged chainsaw.
- **Ensure proper ventilation** when operating the chainsaw, as exhaust fumes are toxic.
- **Handle fuel with extreme care.** Fuel is highly flammable. Refuel in a well-ventilated area with the engine off and cool.
- **Be aware of kickback.** Kickback can occur when the moving chain at the tip of the guide bar contacts an object, or when the wood closes in and pinches the saw chain in the cut.

2. PRODUCT OVERVIEW

The Wolf 25.4CC Petrol Chainsaw is designed for domestic tree pruning and cutting tasks. It features a lightweight design and a powerful 0.8KW engine.

2.1 Included Components

- 1 x Wolf 25.4CC Petrol Chainsaw unit
- Guide Bar
- Saw Chain
- Guide Bar Cover

- Toolkit
- Fuel Mixing Bottle



Image 1: The Wolf 25.4CC Petrol Chainsaw, accompanied by a fuel mixing bottle and a toolkit, as typically included in the package.

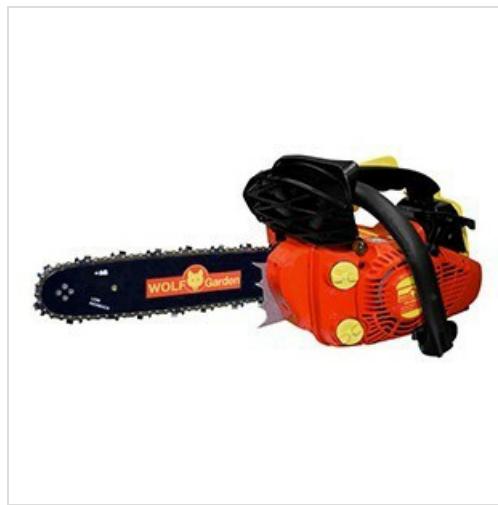


Image 2: Side view of the Wolf 25.4CC Petrol Chainsaw, showing the assembled guide bar and saw chain.

3. SETUP AND ASSEMBLY

3.1 Assembling the Guide Bar and Chain

1. Ensure the engine is off and the spark plug cap is disconnected for safety.
2. Remove the chain brake cover by loosening the two nuts.
3. Place the guide bar onto the studs, ensuring the chain tension pin aligns with the hole in the guide bar.
4. Carefully fit the saw chain around the sprocket and into the groove of the guide bar. Ensure the cutting edges of the chain are facing the correct direction.
5. Replace the chain brake cover and hand-tighten the nuts.
6. Adjust the chain tension using the tensioning screw. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no slack on the underside of the guide bar.
7. Fully tighten the nuts to secure the chain brake cover and guide bar.

3.2 Fueling the Chainsaw

This chainsaw uses a 2-stroke petrol engine and requires a specific fuel mixture. **Never use pure petrol.**

- **Fuel Type:** Use unleaded petrol with an octane rating of 90 or higher.
- **Oil Type:** Use high-quality 2-stroke engine oil specifically designed for air-cooled engines.
- **Mixing Ratio:** Refer to the chainsaw's label or manufacturer's recommendation for the exact petrol-to-oil ratio (e.g., 25:1 or 50:1). Use the provided fuel mixing bottle for accurate measurement.
- **Procedure:** Mix the fuel and oil thoroughly in a separate, approved fuel container. Pour the mixture into the chainsaw's fuel tank. Do not overfill.
- **Chain Oil:** Fill the chain oil reservoir with good quality chain lubricant. This is crucial for chain and bar longevity.

4. OPERATING THE CHAINSAW

4.1 Starting the Engine

1. Place the chainsaw on a firm, flat surface. Ensure the chain brake is engaged (pushed forward).
2. Set the choke lever to the 'closed' (cold start) position.
3. Press the primer bulb several times until fuel is visible.
4. Pull the starter cord firmly and steadily until the engine fires briefly (usually 1-3 pulls).
5. Once it fires, move the choke lever to the 'open' (run) position.
6. Pull the starter cord again until the engine starts and runs smoothly.
7. Allow the engine to warm up for a few moments.
8. Disengage the chain brake (pull back towards the handle) before cutting.

4.2 Cutting Techniques and Safety

- **Maintain a firm grip** on both handles with both hands.
- **Stand with good balance** and a wide stance.
- **Avoid cutting with the tip of the guide bar** to prevent kickback.
- **Always be aware of falling branches** and the direction of the cut.
- **Do not cut above shoulder height.**
- **Clear the work area** of obstacles and debris.
- **Never operate the chainsaw with one hand.**

5. MAINTENANCE

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

5.1 Daily Maintenance

- **Clean the air filter:** Remove and clean the air filter. Replace if damaged.
- **Check chain tension:** Adjust if necessary.
- **Inspect guide bar:** Check for wear, burrs, and ensure the oil hole is clear.
- **Sharpen chain:** A sharp chain cuts efficiently and safely. Use a round file of the correct diameter for your chain.
- **Clean the chainsaw:** Remove sawdust and debris from the engine fins and chain brake mechanism.

5.2 Periodic Maintenance

- **Spark plug:** Inspect and clean the spark plug. Replace if worn or fouled.
- **Fuel filter:** Check and replace the fuel filter if clogged.
- **Carburetor adjustment:** If the engine runs poorly, consult a qualified service technician.

5.3 Storage

- Empty the fuel tank and run the engine until it stops to clear the carburetor.
- Clean the chainsaw thoroughly.
- Apply a light coat of oil to the guide bar and chain to prevent rust.
- Store the chainsaw in a dry, well-ventilated area, out of reach of children.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	No fuel, incorrect choke setting, fouled spark plug, flooded engine	Check fuel level, adjust choke, clean/replace spark plug, clear flooded engine (refer to manual)
Engine runs poorly/lacks power	Dirty air filter, incorrect fuel mixture, dull chain, carburetor needs adjustment	Clean air filter, use correct fuel mixture, sharpen chain, consult service technician
Chain does not move	Chain brake engaged, incorrect chain tension, damaged clutch	Disengage chain brake, adjust chain tension, consult service technician
Excessive vibration	Loose components, damaged chain/bar	Check all fasteners, inspect chain and bar for damage, replace if necessary

7. SPECIFICATIONS

- **Model:** W25.4CC
- **Engine Displacement:** 25.4CC
- **Rated Output:** 0.8KW
- **Power Source:** Fuel Powered (Petrol)
- **Product Dimensions (L x W x H):** 30 cm x 60 cm x 23.5 cm
- **Weight (approx.):** 4.5 kg (Package weight)
- **Blade Material:** Alloy Steel
- **Colour:** Red/Yellow
- **Special Feature:** Lightweight

8. WARRANTY AND SUPPORT

Wolf products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support or spare parts inquiries, please contact the authorized Wolf service center in your region. Keep your proof of purchase for

any warranty claims.



Image 3: The official Wolf Garten logo.