

Goudergo OT-YCZYQ-4144

Goudergo 20-inch 68CC Gas Chainsaw User Manual

Model: OT-YCZYQ-4144

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Goudergo 20-inch 68CC Gas Chainsaw. Please read this manual thoroughly before operating the chainsaw to ensure proper use and to prevent injury or damage.

The Goudergo 20-inch 68CC Gas Chainsaw is designed for wood cutting, forest felling, tree pruning, and shrub trimming. It features a powerful 2-stroke engine with a 20-inch manganese steel guide chain for efficient cutting.

2. SAFETY INFORMATION

WARNING: Chainsaws are dangerous tools. Improper use can result in serious injury or death. Always follow all safety instructions.

2.1 General Safety Rules

- Always wear appropriate personal protective equipment (PPE) including a helmet, eye protection, hearing protection, heavy-duty gloves, safety boots, and leg protection (chaps).
- Never operate the chainsaw when fatigued, under the influence of alcohol, drugs, or medication.
- Keep children, bystanders, and animals at least 50 feet (15 meters) away from the work area.
- Inspect the chainsaw before each use. Ensure all parts are secure, the chain is sharp and properly tensioned, and the brake functions correctly.
- Do not operate the chainsaw in poor weather conditions, such as strong winds, heavy rain, or icy conditions.
- Always hold the chainsaw firmly with both hands, with your thumbs and fingers encircling the handles.
- Be aware of kickback. Avoid the guide bar tip contacting any object.
- Never cut above shoulder height.
- Ensure proper footing and balance before and during cutting.

2.2 Fuel Safety

- Mix fuel and oil in a well-ventilated area, away from sparks or open flames.
- Use a 2-stroke engine oil specifically designed for air-cooled engines. Refer to the specifications for the correct fuel-to-oil mixing ratio (e.g., 25:1 or 50:1, typically specified by manufacturer).
- Do not smoke while refueling.
- Wipe up any spilled fuel immediately.
- Allow the engine to cool before refueling.
- Store fuel in approved containers in a cool, well-ventilated area.

2.3 Chainsaw Specific Safety Features

- **Throttle Lock Button:** Prevents accidental acceleration.
- **Safety Switch:** Requires simultaneous pressing with the throttle switch to activate, preventing unintended operation.
- **Brake Baffle:** Provides emergency braking and protects hands from debris.
- **Flameout Switch:** For quick engine shutdown in emergencies.

3. PRODUCT COMPONENTS AND OVERVIEW

Familiarize yourself with the various parts of your Goudergo chainsaw before assembly and operation.

POWERFUL CHAINSAW



Figure 1: Labeled diagram of the Goudergo 20-inch 68CC Gas Chainsaw, showing the Guide Bar, Saw Chain, Chain Oil Tank, Starter, Fuel Tank, Flameout Switch, Throttle Lock Button, Throttle Switch, Rear Handle, Safety Switch, Choke Knob, Air Filter, Front Handle, and Brake Baffle.

3.1 Included Components

The following items are typically included with your chainsaw:



Figure 2: Image showing all included accessories: Gasoline Chainsaw unit, Chain, Guide Bar, Guide Bar Cover, Fuel Mixing Bottle, Oil Hopper, Tool Bag, 1 Pair of Gloves, English Manual, and other assembly accessories.

- Gasoline Chainsaw Unit
- Chain
- Guide Bar
- Guide Bar Cover
- Fuel Mixing Bottle
- Oil Hopper
- Tool Bag
- Gloves (1 pair)
- English Manual
- Assembly Tools (e.g., wrench, screwdriver)

4. SETUP AND ASSEMBLY

Follow these steps to assemble your chainsaw before first use. Ensure the engine is off and cool before beginning assembly.

1. **Install the Guide Plate:** Remove the side cover. Position the guide plate onto the mounting studs.
2. **Install the Chain:** Carefully place the saw chain around the drive sprocket and into the groove of the guide bar. Ensure the cutting edges of the chain are facing the correct direction (refer to chain markings).
3. **Align and Secure the Side Cover:** Align the holes of the side cover with the mounting studs and the chain tensioner pin. Screw on the nut loosely.
4. **Adjust Chain Tightness:** Using the chain tensioning screw, adjust the chain until it is snug but can still be pulled freely around the guide bar by hand. There should be no slack on the underside of the guide bar, and the chain should not sag. Tighten the side cover nuts securely.

5. Fill Fuel and Oil Tanks:

- **Fuel:** Mix gasoline with 2-stroke engine oil at the specified ratio (e.g., 25:1 or 50:1, check product specifications or included manual). Fill the fuel tank (0.15 Gallons capacity) with the mixed fuel.
- **Chain Oil:** Fill the chain oil tank with appropriate bar and chain lubricant. The automatic lubrication system requires this oil for proper chain operation and longevity.

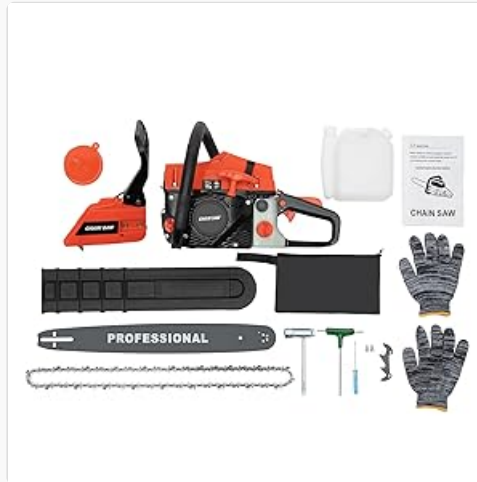


Figure 3: Visual guide for chainsaw assembly, including installing the guide plate, chain, aligning the side cover, adjusting chain tightness, and securing the nut. Also shows fuel injection volume adjustment.

5. OPERATING INSTRUCTIONS

5.1 Starting the Chainsaw

1. Place the chainsaw on a firm, flat surface.
2. Engage the chain brake by pushing the brake baffle forward.
3. Press the primer bulb several times until fuel is visible.
4. Pull out the choke knob (if the engine is cold).
5. Hold the chainsaw firmly with one hand on the front handle and place your foot on the rear handle.
6. Pull the starter cord (manual start handle) briskly until the engine fires (usually a few pulls).
7. Push the choke knob in halfway or fully (if the engine is warm).
8. Pull the starter cord again until the engine starts and runs smoothly.
9. Allow the engine to warm up for a few moments.
10. Disengage the chain brake by pulling the brake baffle back towards the front handle.

5.2 Cutting Techniques

- Always maintain a firm grip with both hands.
- Plan your cut before starting. Identify potential kickback zones and escape routes.
- Start cutting with the chain at full speed.
- Avoid cutting with the tip of the guide bar to prevent kickback.
- Be aware of falling branches and shifting logs.
- For felling trees, follow proper notching and felling techniques. Consult professional guides if unsure.

PRODUCT PARAMETER



Wood Cutting



Forest Felling



Tree Pruning



Shrub Pruning

Figure 4: Image depicting the chainsaw in operation, demonstrating its use for wood cutting, forest felling, tree pruning, and shrub pruning.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw. Always turn off the engine, engage the chain brake, and disconnect the spark plug wire before performing any maintenance.

6.1 Daily Maintenance

- **Clean the Air Filter:** Remove and clean the air filter to ensure proper engine performance and prevent wear.
- **Check Chain Tension:** Adjust if necessary. A properly tensioned chain should be snug but still able to be pulled freely by hand.
- **Check Chain Sharpness:** A dull chain will not cut efficiently and can cause kickback. Sharpen or replace the chain as needed.
- **Inspect Guide Bar:** Check for wear, burrs, or damage. Clean the guide bar groove.
- **Check Oil and Fuel Levels:** Refill as needed.

6.2 Periodic Maintenance

- **Spark Plug:** Inspect and clean the spark plug. Replace if worn or fouled.
- **Cooling Fins:** Clean dirt and debris from the engine's cooling fins to prevent overheating.
- **Fuel Filter:** Inspect and replace the fuel filter periodically.
- **Chain Sprocket:** Inspect for wear and replace if necessary.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your chainsaw. For problems not listed here, consult a qualified service technician.

Problem	Possible Cause	Solution
Engine won't start	<ul style="list-style-type: none"> • No fuel or incorrect fuel mix • Choke not set correctly • Spark plug fouled or damaged • Air filter clogged • Chain brake engaged 	<ul style="list-style-type: none"> • Check fuel level and ensure correct 2-stroke mix. • Adjust choke (full for cold start, half/off for warm). • Clean or replace spark plug. • Clean air filter. • Disengage chain brake.
Chainsaw lacks power or stalls	<ul style="list-style-type: none"> • Dull chain • Incorrect chain tension • Clogged air filter • Improper fuel mix 	<ul style="list-style-type: none"> • Sharpen or replace chain. • Adjust chain tension. • Clean air filter. • Ensure correct fuel-to-oil ratio.
Chain does not move or moves slowly	<ul style="list-style-type: none"> • Chain brake engaged • Chain too tight • Guide bar or chain damaged 	<ul style="list-style-type: none"> • Disengage chain brake. • Loosen chain tension slightly. • Inspect and replace damaged parts.
Excessive vibration	<ul style="list-style-type: none"> • Dull or damaged chain • Loose components 	<ul style="list-style-type: none"> • Sharpen or replace chain. • Check and tighten all nuts and bolts.

8. SPECIFICATIONS

Key technical specifications for the Goudergo 20-inch 68CC Gas Chainsaw:

Feature	Specification
Brand	Goudergo
Model Number	OT-YCZYQ-4144

Feature	Specification
Power Source	Gas Powered (2-Stroke Engine)
Engine Displacement	68CC (Note: Some descriptions may refer to 58CC)
Horsepower	3.6 HP
Wattage	2600 watts
Chain Length	20 Inches
Chain Speed	10500 rpm
Item Weight	15.54 Pounds
Product Dimensions (L x W x H)	34.45" x 10.24" x 11.02"
Fuel Tank Capacity	0.15 Gallons (approx.)
Material	PP, Manganese Steel
Color	Orange

9. WARRANTY AND SUPPORT

This Goudergo chainsaw comes with a **1-year warranty**. For warranty claims, technical support, or replacement parts, please contact the seller or manufacturer directly. Retain your proof of purchase for warranty validation.
Manufacturer: TTOCTE