

## Topteng H014-A004~TO

# Topteng 62cc Gasoline Chainsaw User Manual

Model: H014-A004~TO | 22-inch Bar

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Topteng 62cc Gasoline Chainsaw. Please read this manual thoroughly before operating the chainsaw to ensure proper use and to prevent injury or damage.

## SAFETY INFORMATION

**WARNING: Chainsaws are dangerous tools. Improper use can result in serious injury or death. Always wear appropriate personal protective equipment (PPE) including head protection, eye protection, hearing protection, gloves, and safety footwear. Never operate the chainsaw under the influence of alcohol or drugs.**

### General Safety Rules:

- Always inspect the chainsaw before each use for loose parts, damage, or leaks.
- Ensure the chain brake is functional.
- Maintain a firm grip with both hands on the chainsaw handles.
- Keep bystanders, children, and animals at least 50 feet (15 meters) away from the work area.
- Be aware of kickback and how to avoid it.
- Never cut above shoulder height.
- Always shut off the engine before refueling or performing maintenance.
- Store the chainsaw in a secure, dry place, out of reach of children.

## PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 1x Topteng 62cc Gasoline Chainsaw Power Head
- 1x 22-inch Guide Bar

- 1x Saw Chain
- 1x Guide Bar Cover
- Tool Kit (may include wrench, screwdriver, file)
- User Manual

## PRODUCT OVERVIEW

Familiarize yourself with the main components of your Topteng Chainsaw:



Figure 1: Key components of the Topteng 62cc Gasoline Chainsaw, including the guide bar, saw chain, front guard, starter knob, air cleaner, engine switch, throttle interlock, rear handle, throttle trigger, throttle lock button, fuel tank, oil tank, and front handle.

- **Guide Bar:** Supports and guides the saw chain.
- **Saw Chain:** The cutting component of the chainsaw.
- **Front Guard:** Protects the operator's hand and activates the chain brake.
- **Starter Knob:** Used to pull-start the engine.
- **Air Cleaner:** Filters air entering the engine.
- **Engine Switch:** Turns the engine ON/OFF.
- **Throttle Interlock:** Prevents accidental throttle engagement.
- **Rear Handle:** Main grip for the operator's right hand.
- **Throttle Trigger:** Controls engine speed.
- **Throttle Lock Button:** Locks the throttle for starting.
- **Fuel Tank:** Holds the gasoline-oil mixture.
- **Oil Tank:** Holds the chain lubricant oil.

- **Front Handle:** Grip for the operator's left hand.

## SPECIFICATIONS

| Feature            | Specification                         |
|--------------------|---------------------------------------|
| Displacement       | 62cc                                  |
| Engine Type        | Single cylinder, air-cooled, 2-stroke |
| Engine Power       | 2.5 kW (2.5 Kilowatts)                |
| Rotating Speed     | 7500 r/min                            |
| Bar Length         | 22 inches                             |
| Fuel Tank Capacity | 680ml                                 |
| Fuel Mixture Ratio | 25:1 (90# gasoline : 2-cycle oil)     |
| Saw Chain Type     | K2                                    |
| Material           | Steel (main components)               |

## SETUP AND ASSEMBLY

### 1. Guide Bar and Chain Installation:

1. Ensure the engine is off and the chain brake is disengaged.
2. Remove the side cover nuts and the side cover.
3. Place the chain around the clutch drum, ensuring the cutting edges face forward on the top of the guide bar.
4. Fit the guide bar onto the studs, aligning the chain with the groove in the guide bar.
5. Adjust the chain tensioner pin into the hole on the guide bar.
6. Replace the side cover, but do not fully tighten the nuts yet.
7. Adjust chain tension: The chain should be snug against the guide bar, but still able to be pulled freely by hand. There should be no sag on the underside of the bar.
8. Once tension is correct, fully tighten the side cover nuts.

### 2. Fuel and Oil Filling:

**Fuel Mixture:** This chainsaw requires a 25:1 mixture of 90# gasoline and 2-cycle engine oil. Use a dedicated fuel mixing container to ensure accuracy.

- Fill the fuel tank (labeled 'FUEL' or with a gas pump icon) with the prepared fuel mixture.
- Fill the oil tank (labeled 'OIL' or with an oil can icon) with high-quality chain lubricant oil.
- Ensure caps are securely tightened to prevent leaks.



Figure 2: The Topteng 62cc Gasoline Chainsaw fully assembled and ready for fuel and oil filling.

## OPERATING INSTRUCTIONS

### Starting the Chainsaw:

1. Place the chainsaw on a firm, flat surface.
2. Engage the chain brake by pushing the front guard forward.
3. Set the engine switch to the 'ON' position.
4. Pull out the choke knob (if cold start).
5. Press the throttle lock button and hold the throttle trigger slightly.
6. Pull the starter knob firmly and steadily until the engine fires (usually a few pulls).
7. Once the engine fires, push the choke knob in.
8. Pull the starter knob again until the engine starts and runs smoothly.
9. Disengage the chain brake by pulling the front guard back towards the handle.
10. Allow the engine to warm up for a few moments before beginning work.

### Cutting Techniques:

- Always maintain a balanced stance and firm grip.
- Identify potential kickback zones (the upper quadrant of the guide bar tip).
- When cutting, let the chain do the work; do not force the saw.
- Be aware of falling branches and logs. Plan your escape route.
- For felling trees, follow proper notching and felling procedures.

## MAINTENANCE

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

### After Each Use:

- Clean the guide bar groove and oil holes.
- Clean the air filter.
- Check chain tension and sharpness.
- Wipe down the entire chainsaw to remove sawdust and debris.

### Periodic Maintenance:

- **Chain Sharpening:** A sharp chain is crucial for safe and efficient cutting. Sharpen the chain regularly using a round file of the correct diameter (refer to chain type K2 for specific size).
- **Spark Plug:** Inspect and clean the spark plug every 25 hours of operation. Replace if worn or fouled.
- **Fuel Filter:** Inspect and clean or replace the fuel filter periodically.
- **Bar Sprocket:** Lubricate the guide bar sprocket nose (if applicable) and check for wear.

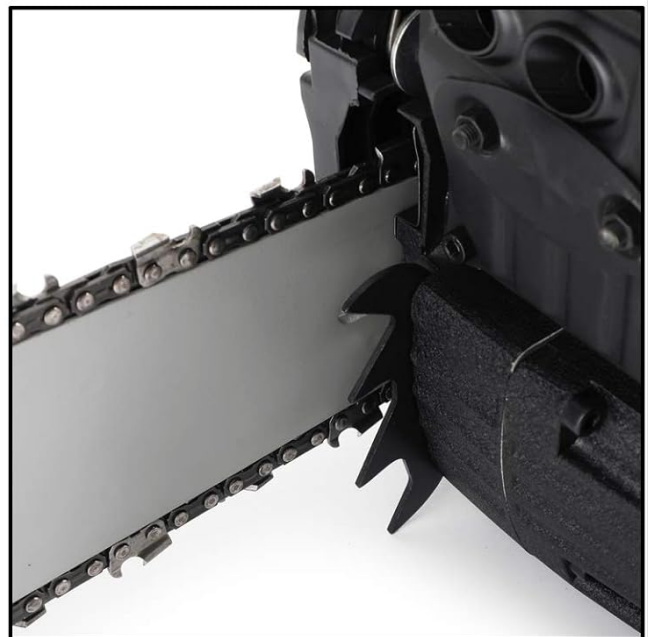


Figure 3: Detailed view of the air filter housing and chain drive mechanism, important areas for regular maintenance.

## TROUBLESHOOTING

| Problem                                      | Possible Cause  | Solution  |
|--|---|---|
| Engine does not start                        | No fuel; incorrect fuel mixture; fouled spark plug; engine switch OFF; chain brake engaged. | Check fuel level and mixture; clean/replace spark plug; turn engine switch ON; disengage chain brake. |
| Chainsaw cuts poorly or vibrates excessively | Dull chain; incorrect chain tension; damaged guide bar.                                     | Sharpen chain; adjust chain tension; inspect/replace guide bar.                                       |
| Oil not flowing to chain                     | Empty oil tank; clogged oil port; damaged oil pump.   | Refill oil tank; clean oil port; consult service for oil pump issues.                                 |
| Engine stalls frequently                     | Clogged air filter; improper carburetor adjustment; old fuel.                               | Clean air filter; use fresh fuel; consult service for carburetor adjustment.                          |

## CUSTOMER SUPPORT

For further assistance, parts, or service inquiries, please contact Topteng customer support. Refer to your purchase documentation for specific contact details or visit the official Topteng store on Amazon:

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