

## Yomoly 536.887251

# Yomoly Carburetor Instruction Manual

For Craftsman Snow Blower Model 536.887251

## 1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your new Yomoly Carburetor, designed as a replacement part for specific snow blower models. Proper installation and care are crucial for optimal performance and longevity.

**Compatibility:** This carburetor is compatible with the following model:

- Craftsman Model 536.887251 (536887251) 24" 5.5 Hp Snow Blower

*Please verify your snow blower model number before proceeding with installation.*

## 2. SAFETY INFORMATION

Always prioritize safety when working with power equipment and fuel systems. Failure to follow safety precautions can result in serious injury or damage.

- Ensure the snow blower engine is off and cool before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Work in a well-ventilated area to avoid inhaling fuel fumes.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Handle fuel with extreme care. Avoid spills and keep away from open flames or ignition sources.
- If you are unsure about any step, consult a qualified technician. Professional installation is highly recommended.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1x Yomoly Carburetor
- 1x Mounting Gasket

- 1x Fuel Filter
- 1x Primer Bulb
- 1x Fuel Line
- 2x Fuel Line Clamps



Figure 3.1: Yomoly Carburetor kit showing the carburetor, gasket, fuel filter, primer bulb, fuel line, and clamps.

## 4. SETUP AND INSTALLATION

This section outlines the general steps for replacing a carburetor. Specific procedures may vary slightly depending on your snow blower's configuration. It is recommended to consult your snow blower's service manual or seek professional assistance.

### 1. Preparation:

- Ensure the engine is off and cool. Disconnect the spark plug wire.
- Drain the fuel tank or clamp the fuel line to prevent fuel leakage.
- Remove any shrouds or covers that obstruct access to the carburetor.

### 2. Disconnect Old Carburetor:

- Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor.

Note their positions for reassembly.

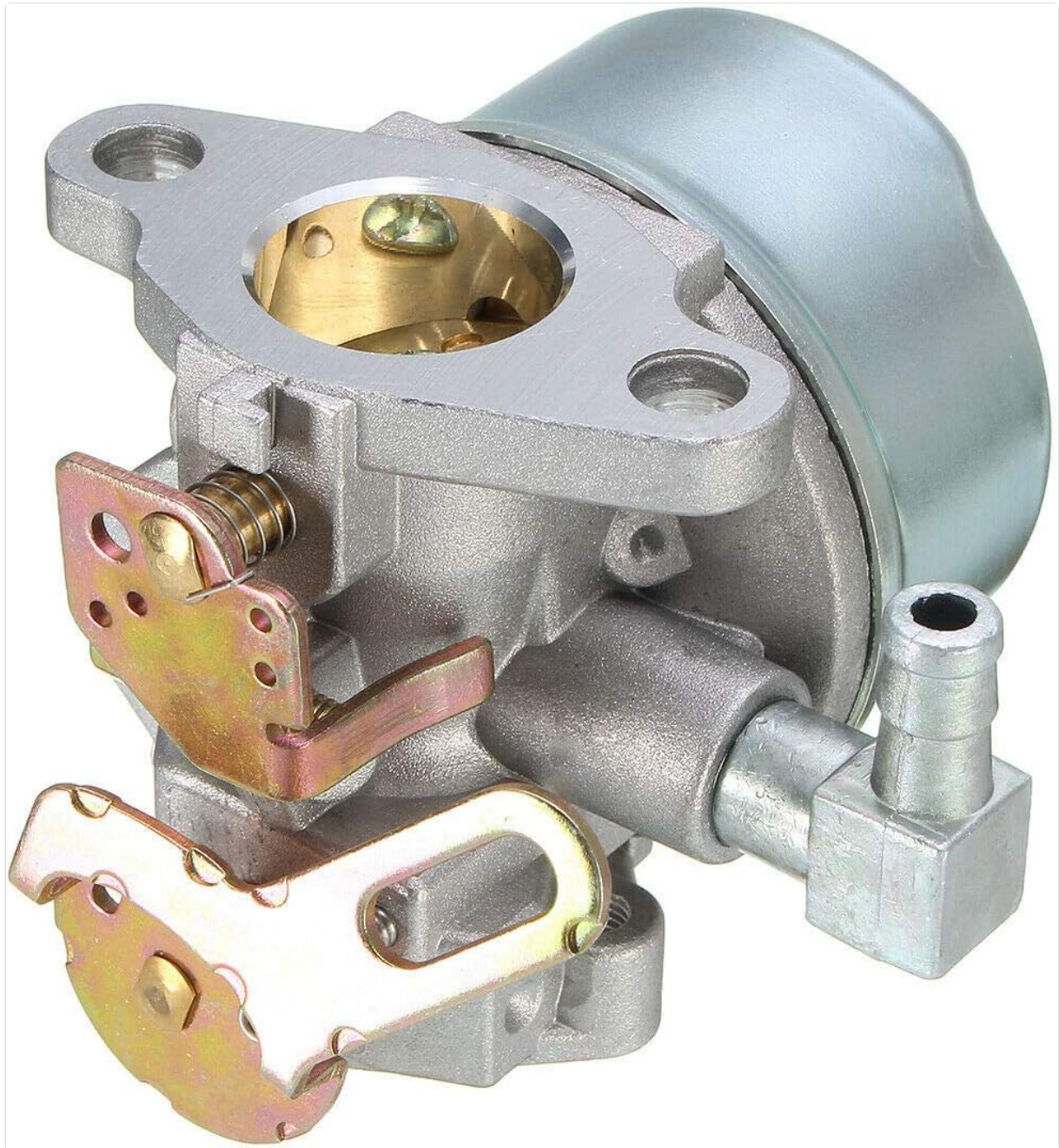
- Remove the mounting bolts or nuts securing the carburetor to the engine.
- Remove the old carburetor and gasket.

### **3. Install New Carburetor:**

- Clean the mounting surface on the engine block.
- Place the new gasket onto the mounting studs or surface.
- Position the new Yomoly Carburetor onto the gasket and secure it with the mounting bolts/nuts. Do not overtighten.
- Reconnect the throttle linkage and choke linkage to the new carburetor. Ensure they operate smoothly without binding.
- Install the new fuel filter into the fuel line, ensuring the flow direction is correct (if applicable).
- Connect the new fuel line to the carburetor and fuel tank, securing with the provided clamps.
- Replace the primer bulb if necessary.

### **4. Final Checks:**

- Double-check all connections for tightness and proper routing.
- Ensure no tools or debris are left in the engine area.
- Reconnect the spark plug wire.



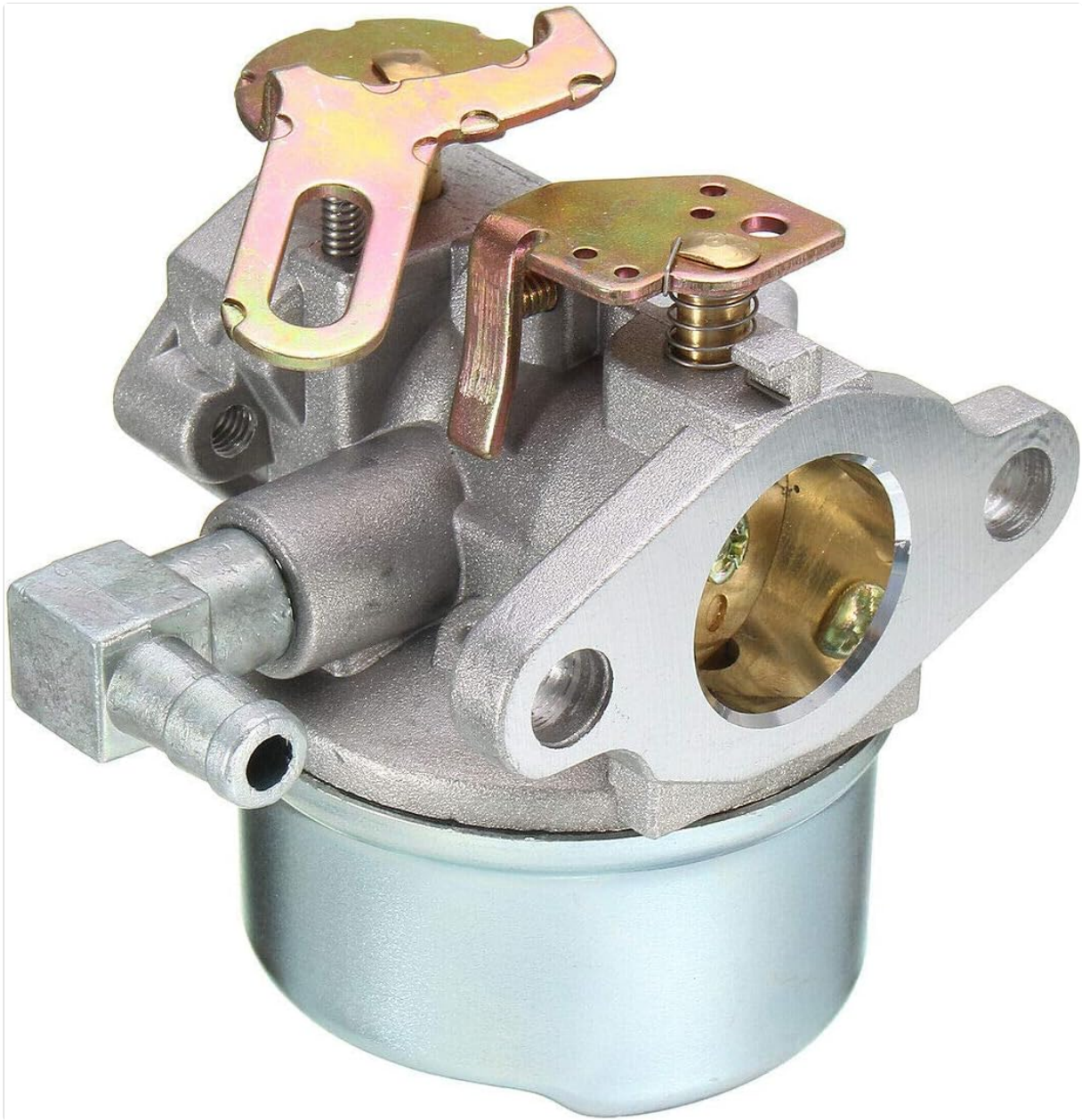


Figure 4.1: Various views of the Yomoly Carburetor, illustrating connection points for fuel lines and linkages.

## 5. OPERATING INSTRUCTIONS (AFTER CARBURETOR REPLACEMENT)

After successful installation, follow these general steps to start and operate your snow blower.

1. **Add Fuel:** Fill the fuel tank with fresh, appropriate fuel for your snow blower.
2. **Prime the Engine:** Press the primer bulb several times until fuel is visible in the bulb or fuel line, typically 3-5 presses.
3. **Set Choke and Throttle:** Move the choke lever to the "FULL CHOKE" position and the throttle to the "FAST" position.
4. **Start Engine:** Pull the starter cord firmly and smoothly until the engine starts. If equipped with electric start, engage it.
5. **Warm-up:** Once the engine starts, gradually move the choke lever to the "RUN" position as the engine warms up (usually within 30 seconds to 1 minute).
6. **Operation:** Allow the engine to run for a few minutes before engaging the auger or drive system.

## 6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of your carburetor and snow blower.

- **Fuel Quality:** Always use fresh, clean fuel. Stale fuel can cause carburetor issues. Consider using a fuel stabilizer, especially during storage.
- **Fuel Filter:** Inspect and replace the fuel filter annually or if it appears clogged.
- **Storage:** Before long-term storage, drain the fuel system or run the engine until it runs out of fuel to prevent gumming in the carburetor.
- **Cleaning:** If performance issues arise, the carburetor may need cleaning. This is a delicate procedure best performed by experienced individuals or professionals.

## 7. TROUBLESHOOTING

If you encounter issues after installing the new carburetor, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke setting, spark plug issue, fuel line blockage.	Check fuel level, ensure choke is on, check spark plug, verify fuel line connections and filter.
Engine runs rough or stalls	Improper fuel mixture, air leak, clogged fuel filter, old fuel.	Ensure carburetor is seated correctly, check for air leaks around gaskets, replace fuel filter, use fresh fuel.
Fuel leaks	Loose connections, damaged fuel line, faulty gasket.	Tighten fuel line clamps, inspect fuel lines for cracks, ensure gasket is properly installed and undamaged.

*If troubleshooting steps do not resolve the issue, professional service may be required.*

## 8. SPECIFICATIONS

- **Product Type:** Aftermarket Carburetor
- **Brand:** Yomoly
- **Compatibility:** Craftsman Model 536.887251 24" 5.5 Hp Snow Blower
- **UPC:** 619991107416
- **Recommended Use:** Snowblower

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Yomoly Carburetor, please refer to the seller or manufacturer's official channels. Keep your purchase receipt as proof of purchase.

For general snow blower maintenance or repair, consult your snow blower's original manufacturer manual or a certified service technician.

