



42012, 42034, 42039, 42047 (Compatible Models)

Generic Carburetor Instruction Manual

For Troy-Bilt 26-Inch Snow Blower Models 42012, 42034, 42039, 42047

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new Generic carburetor. This carburetor is designed as a replacement part for specific Troy-Bilt 26-inch snow blower models. Please read these instructions carefully before proceeding with installation or use to ensure proper function and safety.

2. PRODUCT COMPATIBILITY

This carburetor is compatible with the following Troy-Bilt 26-inch Snow Blower models:

- **42012** - Troy-Bilt 26" Snow Thrower (SN: 420120100101 - 420121199999)
- **42034** - Troy-Bilt 26" Snow Thrower (SN: 420341100101 - 420341199999)
- **42039** - Troy-Bilt 26" Snow Thrower (SN: 420391100101 - 420391199999)
- **42047** - Troy-Bilt 26" Snow Thrower

Verify your snow blower's model number before installation to ensure correct fitment.

3. PACKAGE CONTENTS

Your package should contain the following items:

- 1x Carburetor assembly
- 1x Primer bulb
- 1x Fuel filter
- 1x Fuel line
- 1x Mounting gasket



Figure 1: Overview of the complete carburetor kit, showing all included components for replacement.

4. SAFETY INFORMATION

Always prioritize safety when working with fuel systems and power equipment. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Disconnect Spark Plug:** Before performing any maintenance or installation, always disconnect the spark plug wire to prevent accidental engine startup.
- **Fuel Handling:** Work in a well-ventilated area. Fuel is highly flammable. Avoid open flames, sparks, or smoking. Use an approved container for draining fuel.
- **Eye Protection:** Wear safety glasses or goggles to protect your eyes from fuel splashes or debris.
- **Gloves:** Wear appropriate gloves to protect your hands from fuel and sharp edges.
- **Engine Cool Down:** Allow the engine to cool completely before working on it to prevent burns.
- **Professional Assistance:** If you are unsure about any step, consult a qualified service technician.

5. SETUP AND INSTALLATION

Carburetor replacement requires mechanical aptitude. If you are not comfortable performing this procedure, seek professional assistance. Refer to your snow blower's original service manual for specific disassembly and

reassembly instructions.

5.1 Preparation

1. Ensure the snow blower is on a flat, stable surface.
2. Turn off the engine and allow it to cool.
3. Disconnect the spark plug wire.
4. Close the fuel shut-off valve (if equipped) and drain the fuel tank into an approved container.
5. Remove any covers or shrouds necessary to access the carburetor.

5.2 Removal of Old Carburetor

1. Carefully disconnect the fuel line(s) from the carburetor. Be prepared for residual fuel.
2. Disconnect the throttle linkage and choke linkage from the carburetor. Note their positions for reassembly.
3. Remove the mounting bolts or nuts that secure the carburetor to the engine.
4. Gently remove the old carburetor and any old gaskets. Dispose of old gaskets.



Figure 2: Top-front view of the carburetor, highlighting the mounting flange and linkage points. A new gasket is shown below.

5.3 Installation of New Carburetor

1. Install the new gasket(s) onto the engine mounting surface.
2. Position the new carburetor onto the mounting studs/bolts.
3. Secure the carburetor with the mounting bolts/nuts. Do not overtighten.
4. Reconnect the throttle linkage and choke linkage to their correct positions. Ensure they move freely.
5. Install the new fuel filter and fuel line, connecting them securely to the carburetor and fuel tank.
6. Install the new primer bulb if applicable.
7. Reinstall any removed covers or shrouds.



Figure 3: Front view of the carburetor, illustrating the air intake port and the fuel bowl at the bottom. A new gasket is positioned for installation.

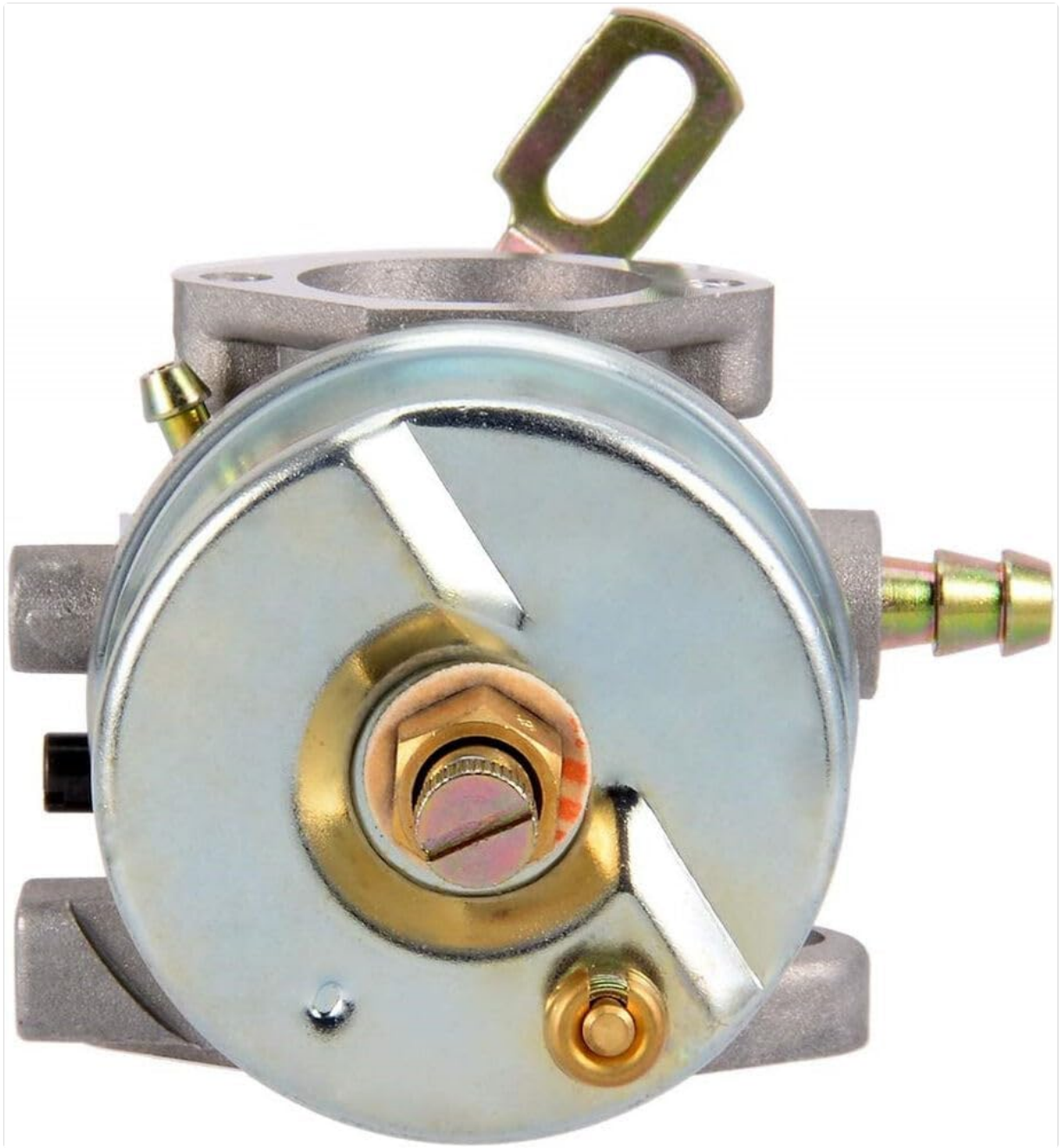


Figure 4: Side profile of the carburetor, detailing the choke plate and the fuel inlet barb for hose connection.



Figure 5: Alternative side view of the carburetor, showing the fuel bowl and potential adjustment points.

6. OPERATING INSTRUCTIONS (AFTER INSTALLATION)

After installing the new carburetor, follow these steps to prepare for operation:

1. Refill the fuel tank with fresh, appropriate fuel for your snow blower.
2. Open the fuel shut-off valve (if applicable).
3. Reconnect the spark plug wire.
4. Prime the carburetor by pressing the primer bulb several times until fuel is visible in the bulb or lines.
5. Follow your snow blower's manufacturer instructions for starting the engine.
6. Allow the engine to warm up and check for any fuel leaks or abnormal operation.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your carburetor.

- **Fuel Quality:** Always use fresh, clean fuel. Stale fuel can cause deposits and clog carburetor passages. Consider using a fuel stabilizer, especially during storage.
- **Fuel Filter:** Inspect and replace the fuel filter annually or more frequently if operating in dusty conditions or if fuel contamination is suspected.
- **Air Filter:** Ensure the engine's air filter is clean and properly installed. A dirty air filter can affect carburetor performance.
- **Storage:** Before long-term storage, run the engine until it runs out of fuel, or drain the fuel system to prevent fuel degradation and carburetor issues.
- **Cleaning:** If performance issues arise, the carburetor may require cleaning. This typically involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner. This task is best performed by experienced individuals or a professional.

8. TROUBLESHOOTING

If you experience issues after carburetor installation, consider the following common troubleshooting steps:

- **Engine Not Starting:**
 - Check for proper fuel flow to the carburetor.
 - Ensure the primer bulb is functioning and fuel is reaching the carburetor.
 - Verify spark plug connection and condition.
 - Confirm choke and throttle linkages are correctly connected and operating.
- **Engine Runs Poorly/Roughly:**
 - Check for air leaks around the carburetor mounting gaskets.
 - Ensure fuel is fresh and not contaminated.
 - Inspect the air filter for cleanliness.
 - Verify that all linkages are moving freely and not binding.
- **Fuel Leaks:**
 - Tighten fuel line clamps.
 - Inspect fuel lines for cracks or damage.
 - Ensure the fuel bowl gasket is properly seated and not damaged.
 - Check the carburetor mounting gasket for proper seal.

For persistent issues, consult your snow blower's service manual or a qualified technician.

9. SPECIFICATIONS

Attribute	Value
Product Type	Aftermarket Carburetor
Compatibility	Troy-Bilt 26" Snow Blower Models: 42012, 42034, 42039, 42047
Material	Reinforced Alloy Construction (as per product features)
Features	Arctic-start technology, Anti-ice throttle mechanism, Eco-efficient combustion
Item Weight	Approximately 1 pound
Product Dimensions	Approximately 1 x 1 x 1 inches (packaging dimensions, actual carburetor size may vary)

10. WARRANTY AND SUPPORT

As a generic aftermarket part, specific warranty details may vary. Please refer to the seller or retailer from whom you purchased this carburetor for information regarding warranty coverage and customer support. Keep your proof of purchase for any warranty claims.