

[Manuals.plus](#) /

› [Pro Chaser](#) /

› Pro Chaser Carburetor Instruction Manual for Troy-Bilt Storm 2410 Snow Blower (Model 31AS62N2711)

Pro Chaser 31AS62N2711 Storm 2410

Pro Chaser Carburetor Instruction Manual

FOR TROY-BILT STORM 2410 SNOW BLOWER (MODEL 31AS62N2711)

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Pro Chaser carburetor replacement kit. This kit is specifically designed for the Troy-Bilt Storm 2410 Snow Blower, model number 31AS62N2711. Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure safe and effective use.

2. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- 1 x Carburetor
- 2 x Fuel Hoses
- 1 x Fuel Filter
- 1 x Shut Off Valve
- 1 x Primer Bulb
- Gaskets (various sizes for installation)

4.1. Preparation

1. Ensure the snow blower engine is cool.
2. Disconnect the spark plug wire.
3. Turn the fuel shut-off valve (if present) to the OFF position.
4. Place an approved container under the carburetor to catch any draining fuel. Disconnect the fuel line from the carburetor and drain the fuel tank.

4.2. Removing the Old Carburetor

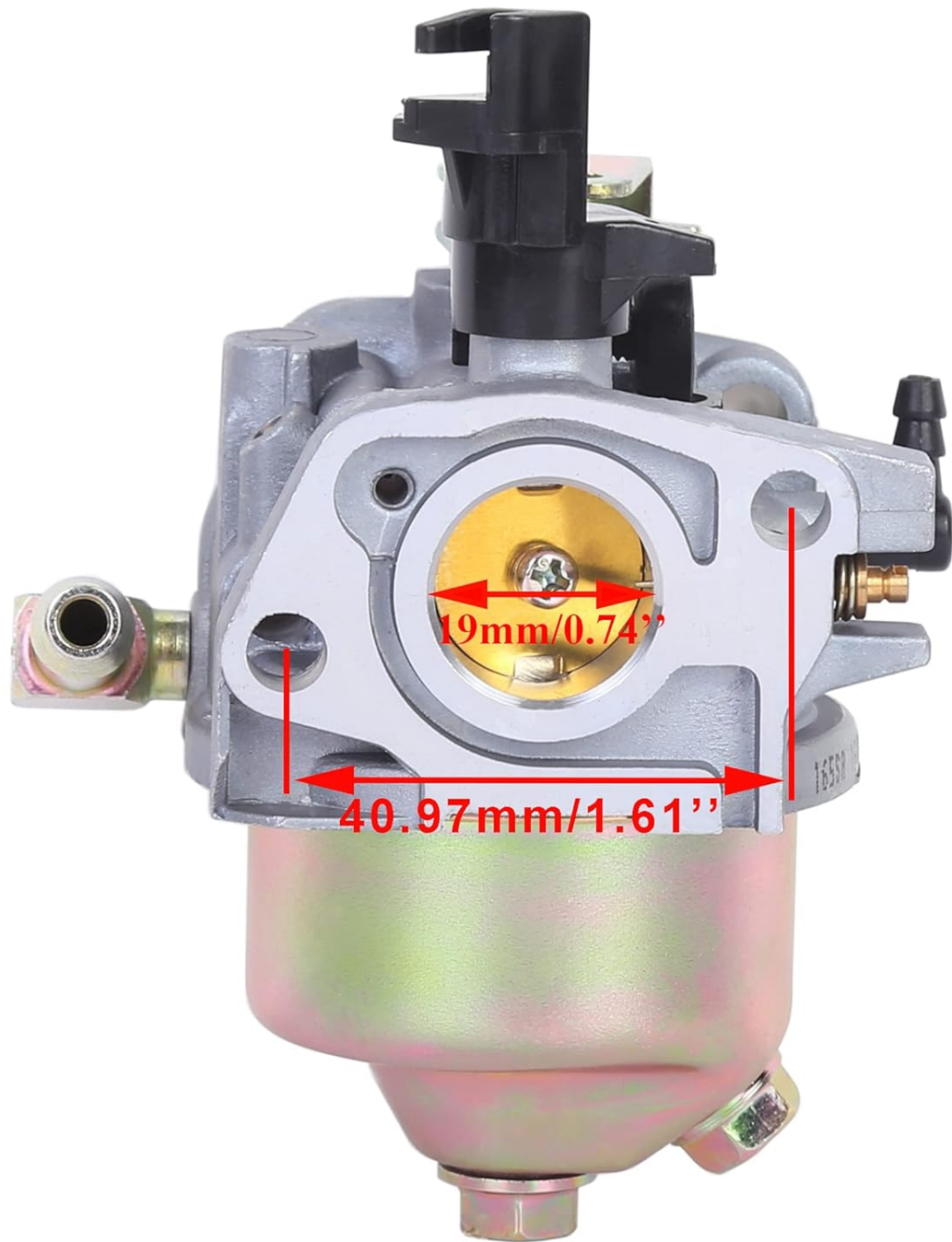
1. Carefully remove any air filter housing, shrouds, or linkages obstructing access to the carburetor. Note their positions for reassembly.
2. Disconnect the throttle and choke linkages from the old carburetor. Take photos or make diagrams if necessary.
3. Unbolt the old carburetor from the engine manifold. Remove any old gaskets.

4.3. Installing the New Carburetor

1. Ensure the mounting surfaces on the engine and new carburetor are clean.
2. Place new gaskets in their correct positions.
3. Mount the new Pro Chaser carburetor onto the engine manifold and secure it with the bolts. Do not overtighten.
4. Reconnect the throttle and choke linkages to the new carburetor. Verify smooth operation.
5. Install the new fuel filter into the fuel line. Connect the fuel lines to the carburetor and the fuel tank, ensuring all connections are secure and free of leaks. Use the provided fuel hoses and shut-off valve as needed.
6. Install the new primer bulb if replacing the old one.
7. Reinstall any removed air filter housing, shrouds, or other components.

4.4. Initial Startup

1. Refill the fuel tank with fresh, appropriate fuel.
2. Turn the fuel shut-off valve to the ON position.
3. Prime the carburetor by pressing the primer bulb several times until fuel is visible in the bulb or the fuel system is firm.
4. Reconnect the spark plug wire.
5. Follow your snow blower's manufacturer instructions for starting the engine.



hand-measured for your reference

Image 4.1: Front view of the carburetor, showing key dimensions for reference during installation.

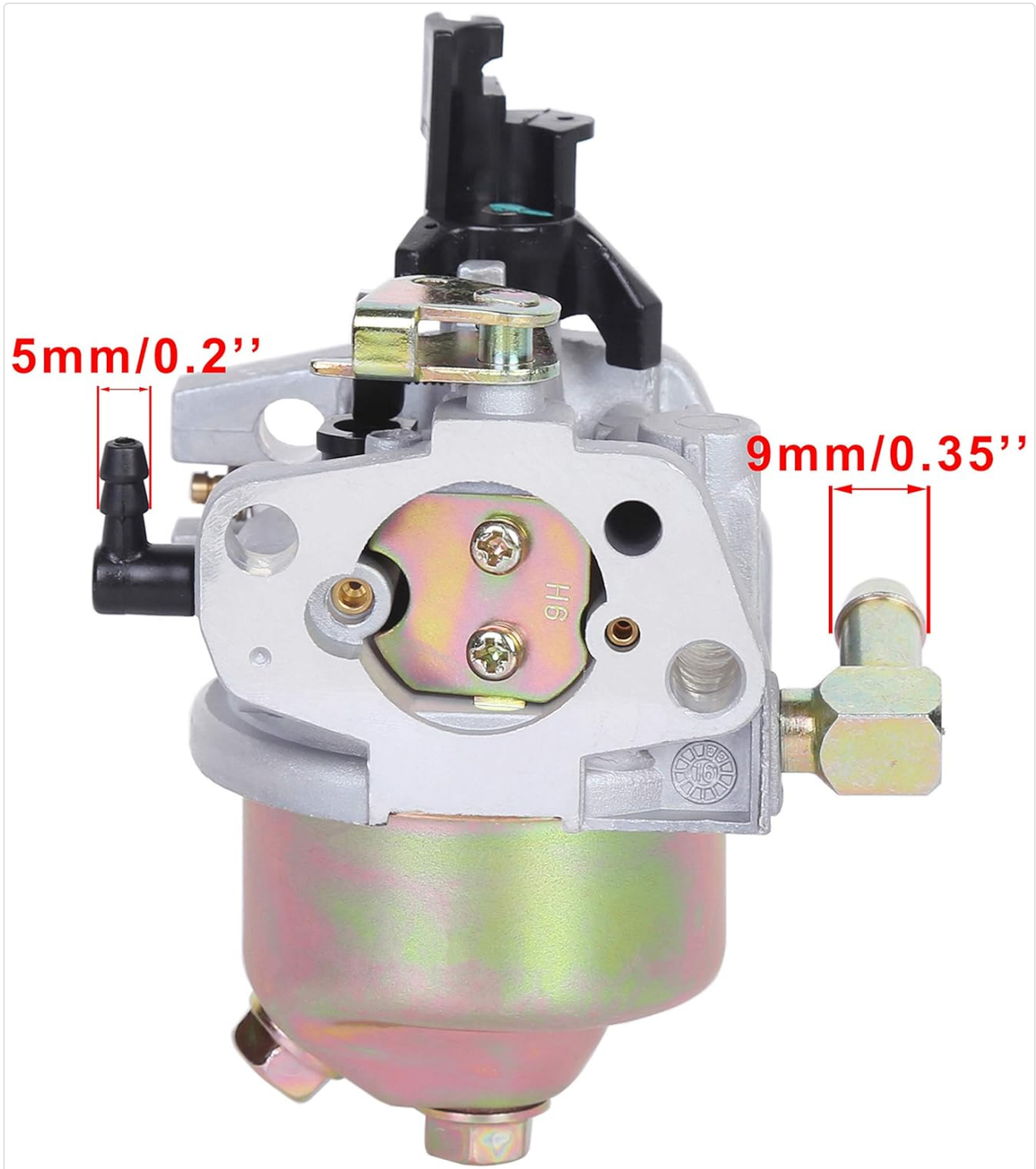


Image 4.2: Side view of the carburetor, indicating additional dimensions for fitment verification.

5. OPERATING INSTRUCTIONS

Once the new carburetor is installed, operate your Troy-Bilt Storm 2410 Snow Blower according to the manufacturer's original operating manual. The carburetor's function is to mix air and fuel for combustion; proper operation of the snow blower's controls (choke, throttle) will ensure optimal performance.

6. MAINTENANCE

Regular maintenance helps prolong the life of your carburetor and ensures reliable snow blower operation.

- **Fuel Quality:** Always use fresh, clean, unleaded gasoline. Ethanol in fuel can cause issues over time. Consider using a fuel stabilizer, especially during storage.
- **Fuel Filter:** Periodically inspect and replace the fuel filter to prevent contaminants from reaching the carburetor.

- **Storage:** Before long-term storage, drain the fuel tank and run the engine until it stops from lack of fuel, or use a fuel stabilizer. This prevents fuel from gumming up the carburetor.
- **Air Filter:** Ensure the air filter is clean and properly installed to prevent dirt from entering the carburetor.

7. TROUBLESHOOTING

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

- **Engine Not Starting:**
 - Check fuel level and ensure the fuel shut-off valve is open.
 - Verify the spark plug is connected and in good condition.
 - Ensure the primer bulb is functioning and fuel is reaching the carburetor.
 - Confirm choke and throttle linkages are correctly attached and operating.
- **Engine Runs Roughly or Stalls:**
 - Check for air leaks around carburetor gaskets.
 - Ensure fuel lines are not kinked or obstructed.
 - Verify the fuel filter is clean.
 - Confirm the air filter is clean and properly seated.
- **Fuel Leaks:**
 - Inspect all fuel line connections and ensure clamps are secure.
 - Check carburetor bowl gasket and mounting gaskets for proper seating and damage.

If problems persist, consult a qualified service technician or your snow blower's original service manual.

8. SPECIFICATIONS

Feature	Detail
Brand	Pro Chaser
Compatibility	Troy-Bilt Storm 2410 Snow Blower (Model 31AS62N2711)
Recommended Use	Snowblower Carburetor Replacement
UPC	709345780041

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Pro Chaser carburetor, please refer to the seller's policies or contact the Pro Chaser customer service directly. Keep your purchase receipt as proof of purchase.

