

Yomoly Carburetor

Yomoly Carburetor Instruction Manual

For Craftsman Select 26 Snow Blower Models CMXGBAM213102 and 31AM6C2FB93

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new Yomoly Carburetor. This carburetor is designed as a replacement part for Craftsman Select 26 Snow Blower models CMXGBAM213102 and 31AM6C2FB93. Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure proper function and safety.

2. SAFETY INFORMATION

Always prioritize safety when working with engine components. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the snow blower's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Fuel Handling:** Gasoline is highly flammable. Work in a well-ventilated area, away from open flames or sparks. Store fuel in approved containers.
- **Eye Protection:** Always wear safety glasses or goggles to protect your eyes from debris or fuel splashes.
- **Gloves:** Wear appropriate gloves to protect your hands from fuel, oil, and sharp edges.
- **Professional Installation:** Installation of engine components, such as carburetors, can be complex. Professional installation is highly recommended if you are not experienced with engine repair.
- **Hot Surfaces:** Engine components can become very hot. Allow the engine to cool completely before handling.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package. If any parts are missing or damaged, contact your supplier.

- Yomoly Carburetor Unit
- Gasket(s)
- Fuel Line (if included, refer to product pictures for confirmation)



Figure 3.1: The Yomoly Carburetor unit shown with the accompanying gaskets. This image displays the main carburetor body, fuel inlet, and throttle linkage, alongside three distinct gasket shapes.

4. SETUP AND INSTALLATION

Note: Professional installation is highly recommended for this component. These instructions are general guidelines and may not cover all specific details of your snow blower model. Refer to your snow blower's service manual for detailed, model-specific instructions.

1. Preparation:

- Ensure the snow blower is on a stable, level surface.
- Turn off the engine and disconnect the spark plug wire.
- Drain the fuel tank into an approved container.
- Remove any covers or shrouds necessary to access the carburetor.

2. Disconnect Old Carburetor:

- Carefully disconnect the fuel line from the old carburetor. Be prepared for residual fuel.
- Disconnect any throttle linkages, choke linkages, and electrical connections (if present). Note their positions for reassembly.
- Unbolt the old carburetor from the engine and air filter housing. Remove any old gaskets.

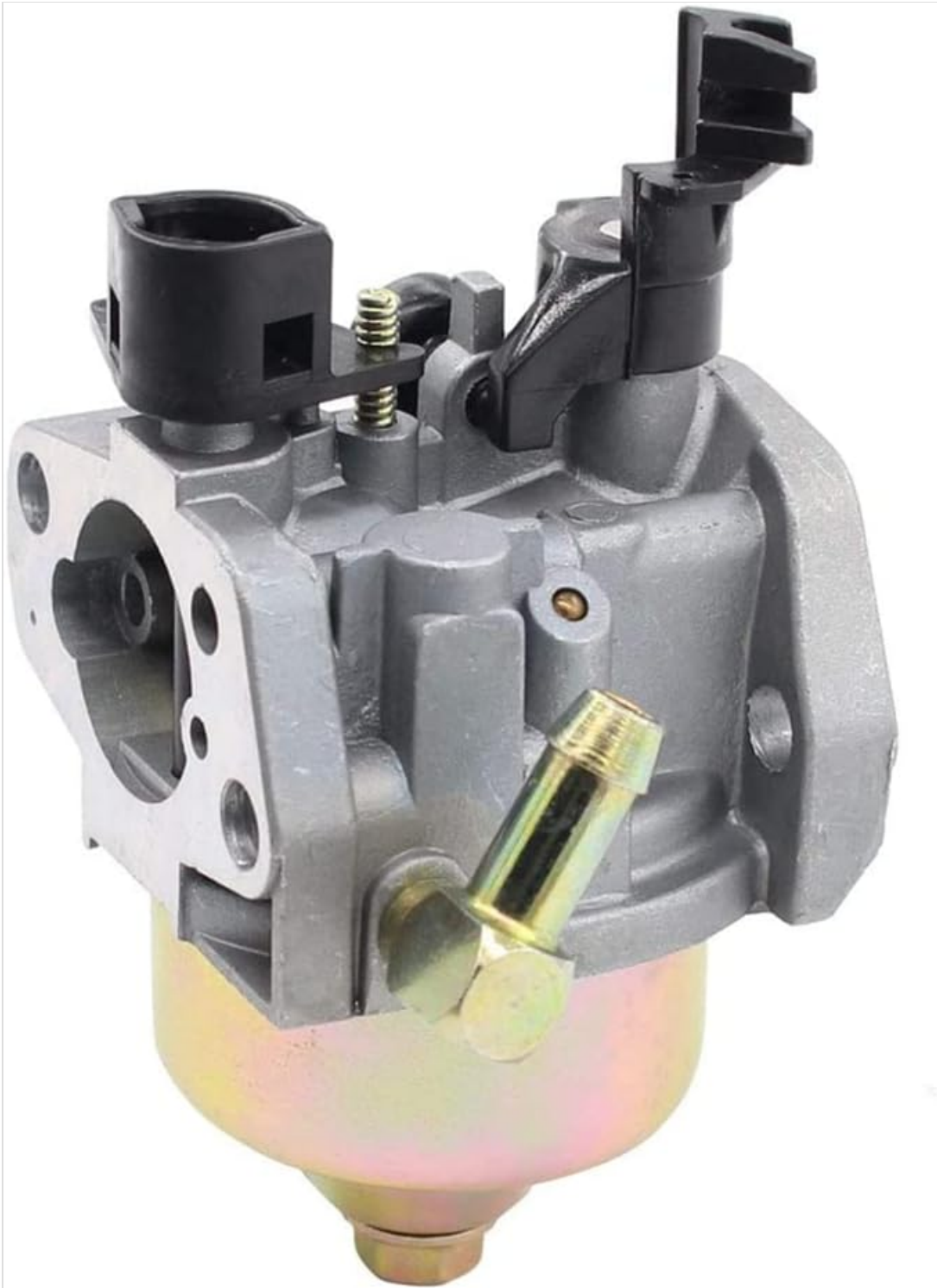


Figure 4.1: Side view of the Yomoly Carburetor, highlighting the fuel inlet and mounting points. This perspective helps in identifying connections during removal and installation.

3. Install New Carburetor:

- Clean the mounting surfaces on the engine and air filter housing.
- Place new gaskets in their correct positions. Ensure they are properly aligned.
- Mount the new Yomoly Carburetor, ensuring all linkages and connections align.
- Secure the carburetor with the appropriate bolts, tightening them evenly to prevent air leaks.



Figure 4.2: Front view of the Yomoly Carburetor, showing the air intake and choke mechanism. This view is crucial for proper alignment with the air filter assembly.

4. Reconnect Components:

- Reconnect the throttle and choke linkages. Verify smooth operation.
- Reconnect any electrical wires.
- Attach the fuel line securely to the carburetor's fuel inlet. Use new clamps if necessary.



Figure 4.3: Top view of the Yomoly Carburetor, illustrating the various linkages and adjustment screws. This perspective is helpful for connecting throttle and choke cables.

5. Final Checks:

- Replace any removed covers or shrouds.
- Refill the fuel tank with fresh, appropriate fuel.
- Reconnect the spark plug wire.
- Check for any fuel leaks before attempting to start the engine.

5. OPERATION

The carburetor is a critical component of your snow blower's engine, responsible for mixing air and fuel. Once properly installed, its operation is integrated with the engine's function. Refer to your Craftsman Select 26 Snow Blower's owner's manual for specific starting and operating procedures.

Key operational considerations:

- **Choke:** Use the choke as directed by your snow blower's manual for cold starts. The choke enriches the fuel mixture to aid in starting.
- **Throttle:** The throttle controls engine speed by regulating the amount of air-fuel mixture entering the

engine.

- **Fuel Quality:** Always use fresh, clean fuel as recommended by your snow blower manufacturer. Stale or contaminated fuel can cause carburetor issues.

6. MAINTENANCE

Regular maintenance of your carburetor and fuel system is crucial for reliable engine performance.

- **Fuel System Cleanliness:** Keep the fuel tank clean and free of debris. Use a fuel stabilizer if storing the snow blower for extended periods.
- **Fuel Filter:** Inspect and replace the fuel filter (if present) regularly according to your snow blower's maintenance schedule.
- **Carburetor Cleaning:** If the engine experiences rough idling, stalling, or difficulty starting, the carburetor may require cleaning. This often involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner. This procedure is complex and best performed by a qualified technician.
- **Gasket Inspection:** Periodically check for fuel leaks around the carburetor and replace gaskets if they show signs of wear or damage.

7. TROUBLESHOOTING

This section addresses common issues related to carburetor function. For comprehensive troubleshooting, consult your snow blower's service manual or a professional technician.

Problem	Possible Cause	Solution
Engine will not start	No fuel reaching carburetor; clogged fuel filter; clogged carburetor jet; incorrect choke setting.	Check fuel level and fuel line. Replace fuel filter. Clean carburetor (professional service recommended). Adjust choke.
Engine runs rough or stalls	Dirty carburetor; stale fuel; air leak around carburetor gaskets.	Clean carburetor. Drain old fuel and refill with fresh fuel. Inspect and replace carburetor gaskets.
Fuel leaks from carburetor	Damaged float needle; worn bowl gasket; loose fuel line connection.	Inspect and replace float needle or bowl gasket. Tighten fuel line connections.
Engine lacks power	Partially clogged carburetor jet; improper fuel mixture.	Clean carburetor. Ensure correct fuel type is used.

8. SPECIFICATIONS

The following specifications pertain to the Yomoly Carburetor:

- **Brand:** Yomoly
- **Model:** Carburetor
- **Item Weight:** 9.7 ounces (approx. 275 grams)

- **Package Dimensions:** 4.37 x 3.62 x 3.15 inches (approx. 11.1 x 9.2 x 8.0 cm)
- **Compatibility:** Craftsman Select 26 Snow Blower CMXGBAM213102, Model 31AM6C2FB93

9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your purchase or contact the seller directly. For technical support or assistance with installation, it is recommended to consult a qualified small engine technician or the manufacturer of your snow blower.

For general inquiries regarding Yomoly products, please visit the official Yomoly support channels or contact your retailer.