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› FOLIAGE Carburetor Instruction Manual for Lawnboy Snow Blowers Models 28226, 720E, 33005, 33006

## FOLIAGE 28226, 720E, 33005, 33006

# FOLIAGE Carburetor Instruction Manual

For Lawnboy Snow Blowers Models 28226, 720E, 33005, 33006

## 1. INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your new FOLIAGE carburetor. This carburetor is precisely engineered for compatibility with Lawnboy snow blower models 28226, 720E, 33005, and 33006, ensuring smooth operation and optimal performance. Please read these instructions carefully before proceeding with installation or use.

## 2. PACKAGE CONTENTS

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Verify that all components listed below are present in your package. If any parts are missing or damaged, please contact customer support.



This image displays the complete FOLIAGE carburetor kit. It includes the main carburetor assembly, three different gaskets for sealing, a red inline fuel filter, a red and black fuel shut-off valve, two lengths of black fuel line, and four hose clamps of varying sizes.

- 1x FOLIAGE Carburetor Assembly
- 3x Gaskets (various shapes)
- 1x Inline Fuel Filter (red)
- 1x Fuel Shut-off Valve (red/black)
- 2x Fuel Lines (black, various lengths)
- 4x Hose Clamps (various sizes)

### 3. SETUP AND INSTALLATION

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Proper installation is crucial for the carburetor's performance and safety. If you are unsure about any step, it is recommended to seek assistance from a qualified technician.

#### Safety Precautions:

- Always disconnect the spark plug wire before working on the engine to prevent accidental starting.
- Ensure the engine is cool before beginning any work.
- Work in a well-ventilated area.
- Wear appropriate personal protective equipment, such as gloves and eye protection.

- Drain the fuel tank before removing fuel lines or the carburetor.

## Installation Steps:

1. **Preparation:** Ensure the snow blower is on a stable, level surface. Disconnect the spark plug wire and drain the fuel tank.
2. **Remove Old Carburetor:** Carefully disconnect the fuel lines, throttle linkage, and choke linkage from the old carburetor. Remove the mounting bolts and detach the old carburetor and gaskets. Note the orientation of all components for reassembly.
3. **Inspect and Clean:** Clean the mounting surface on the engine block to ensure a proper seal. Inspect the intake manifold for any damage.
4. **Install New Gaskets:** Place the new gaskets in their correct positions between the engine, carburetor, and air filter housing. Refer to the original setup or a service manual for your specific Lawnboy model if needed.
5. **Mount New Carburetor:** Position the FOLIAGE carburetor onto the mounting studs, ensuring the gaskets are properly aligned. Secure it with the mounting bolts, tightening them evenly to prevent warping.
6. **Connect Linkages:** Reattach the throttle and choke linkages to the new carburetor. Ensure they move freely and operate correctly.
7. **Install Fuel System Components:** Install the new fuel filter in the fuel line, observing the flow direction arrow. Connect the new fuel lines and the fuel shut-off valve. Secure all connections with the provided hose clamps.
8. **Final Checks:** Double-check all connections for tightness and proper routing. Ensure no fuel leaks are present.

**Important:** To ensure the right fit, please review the product dimensions and carefully check the photos provided in this manual and on the product listing before installation.

## 4. OPERATING INSTRUCTIONS

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After successful installation, follow these general operating guidelines for your snow blower.

1. **Refuel:** Fill the fuel tank with fresh, clean fuel appropriate for your snow blower's engine. Ensure the fuel shut-off valve is in the 'ON' position.
2. **Reconnect Spark Plug:** Reconnect the spark plug wire.
3. **Choke and Prime:** Set the choke to the 'FULL CHOKE' position. If your engine has a primer bulb, press it several times as recommended by your snow blower's manufacturer.
4. **Start Engine:** Pull the starter cord or engage the electric starter until the engine starts.
5. **Warm-up:** Once the engine starts, gradually move the choke to the 'RUN' position as the engine warms up. Allow the engine to warm up for a few minutes before operating under load.
6. **Adjustments:** The FOLIAGE carburetor is pre-set for optimal performance. Avoid making unnecessary adjustments to carburetor screws unless you are experienced in engine tuning.

## 5. MAINTENANCE

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

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a common cause of carburetor issues. Consider using a fuel stabilizer, especially during storage.
- **Fuel Filter:** Regularly inspect and replace the inline fuel filter (red component) as needed, typically annually or if it appears dirty.
- **Fuel Shut-off Valve:** Use the fuel shut-off valve to turn off the fuel supply when storing the snow blower for extended periods or performing maintenance. Run the engine until it runs out of fuel to clear the carburetor bowl.

- **Air Filter:** Ensure your snow blower's air filter is clean and in good condition. A dirty air filter can affect carburetor performance.
- **Cleaning:** If the carburetor becomes clogged, it may require cleaning. This typically involves disassembling the carburetor and cleaning jets and passages with carburetor cleaner. This task is best performed by an experienced individual.

## 6. TROUBLESHOOTING

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If you encounter issues after installing the FOLIAGE carburetor, consider the following common troubleshooting steps:

- **Engine Not Starting:**
  - Check for fuel in the tank and ensure the fuel shut-off valve is open.
  - Verify the spark plug is connected and in good condition.
  - Ensure the choke is set correctly for starting.
  - Check for proper fuel flow through the fuel filter.
- **Engine Runs Rough or Stalls:**
  - Ensure the choke is fully open once the engine is warm.
  - Check for air leaks around the carburetor mounting gaskets.
  - Inspect fuel lines for kinks or blockages.
  - Ensure the air filter is clean.
- **Fuel Leaks:**
  - Tighten all fuel line clamps and connections.
  - Ensure carburetor mounting bolts are tightened evenly.
  - Inspect gaskets for proper seating and damage.

For persistent issues, consult your snow blower's service manual or contact a professional repair service.

## 7. SPECIFICATIONS

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<b>Brand</b>	FOLIAGE
<b>Compatible Models</b>	Lawnboy 28226, 720E, 33005, 33006 Snow Blowers
<b>Part Type</b>	Carburetor Replacement Kit
<b>ASIN</b>	B0DN83XTZB

## 8. WARRANTY AND SUPPORT

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For information regarding warranty coverage or technical support, please refer to the product packaging or contact the FOLIAGE manufacturer directly through their official channels. Keep your purchase receipt as proof of purchase.