

FOLIAGE 286707, 289702, 289707, 28D702, 28D707, 28M706

FOLIAGE Carburetor Instruction Manual

For Briggs & Stratton Engine Models: 286707, 289702, 289707, 28D702, 28D707, 28M706

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your new FOLIAGE carburetor. This carburetor is designed as a replacement part for specific Briggs & Stratton engine models, ensuring proper fuel delivery and engine performance. Please read this manual thoroughly before installation and use to ensure safe and correct operation.

SAFETY INFORMATION

- Always disconnect the spark plug wire before performing any maintenance or installation.
- Ensure the engine is cool before working on the fuel system.
- Work in a well-ventilated area. Fuel vapors are flammable.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Keep open flames, sparks, and other ignition sources away from the work area.
- Refer to your engine's original service manual for specific torque specifications and additional safety guidelines.

PACKAGE CONTENTS

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

- Carburetor Assembly
- Spark Plug
- Fuel Filter
- Fuel Shut-off Valve
- Fuel Line
- Gasket (for carburetor mounting)
- Hose Clamps (multiple)



Image: All components included in the FOLIAGE Carburetor Kit, featuring the carburetor, spark plug, fuel filter, fuel shut-off valve, fuel line, gasket, and hose clamps.

INSTALLATION INSTRUCTIONS

Follow these steps carefully to install the carburetor. Refer to your engine's service manual for specific details regarding your model.

1. **Preparation:** Ensure the engine is off and cool. Disconnect the spark plug wire. Drain the fuel tank or pinch off the fuel line to prevent spills.
2. **Remove Air Filter Assembly:** Loosen and remove the air filter housing and any associated ductwork to access the carburetor.
3. **Disconnect Fuel Line:** Carefully disconnect the existing fuel line from the old carburetor. Be prepared for residual fuel.
4. **Disconnect Linkages:** Detach the throttle and choke linkages from the old carburetor. Note their positions for reassembly.
5. **Remove Old Carburetor:** Unbolt the old carburetor from the engine manifold. Remove any old gaskets.
6. **Install New Gasket:** Place the new carburetor gasket onto the engine manifold, ensuring proper alignment.

7. **Mount New Carburetor:** Position the new FOLIAGE carburetor onto the gasket and secure it with the original bolts. Do not overtighten.
8. **Reconnect Linkages:** Reattach the throttle and choke linkages to the new carburetor in their correct positions.
9. **Install Fuel Filter and Shut-off Valve:**Cut the new fuel line to the appropriate length. Install the fuel filter and shut-off valve in the fuel line, using the provided hose clamps to secure connections. Ensure the fuel flow direction on the filter is correct.
10. **Connect Fuel Line:** Connect the new fuel line assembly to the carburetor and the fuel tank outlet, securing with hose clamps.
11. **Replace Spark Plug:** Remove the old spark plug and install the new spark plug provided. Torque to engine manufacturer specifications.
12. **Reassemble Air Filter:** Reinstall the air filter housing and any other components removed during disassembly.
13. **Final Checks:** Inspect all connections for leaks. Reconnect the spark plug wire.

OPERATING INSTRUCTIONS (POST-INSTALLATION)

After successful installation, follow these general steps to start your engine. Refer to your engine's specific operating manual for detailed starting procedures.

1. **Add Fuel:** Fill the fuel tank with fresh, appropriate fuel for your engine.
2. **Open Fuel Valve:** Ensure the fuel shut-off valve is in the "ON" position.
3. **Prime (if applicable):** If your engine has a primer bulb, press it several times until fuel is visible in the fuel line or bulb.
4. **Choke:** Set the choke to the "FULL CHOKE" position for cold starts.
5. **Start Engine:** Pull the starter cord or engage the electric starter.
6. **Adjust Choke:** As the engine warms up, gradually move the choke to the "OFF" or "RUN" position.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your carburetor and engine.

- **Fuel System:** Use fresh, clean fuel. Consider using a fuel stabilizer, especially during storage.
- **Fuel Filter:** Inspect and replace the fuel filter annually or more frequently if it appears dirty or restricted.
- **Air Filter:** Regularly clean or replace the air filter to prevent dirt from entering the carburetor.
- **Spark Plug:** Inspect the spark plug annually. Clean or replace it if electrodes are fouled or worn.
- **Carburetor Cleaning:** If the engine runs poorly, the carburetor may need cleaning. This typically involves disassembling, cleaning jets and passages with carburetor cleaner, and reassembling with new gaskets. This procedure is advanced and may require professional assistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, faulty spark plug, incorrect choke setting.	Check fuel level, replace fuel filter, inspect/replace spark plug, adjust choke.

Problem	Possible Cause	Solution
Engine runs rough/stalls	Dirty carburetor, old fuel, air leak, incorrect idle adjustment.	Clean carburetor, use fresh fuel, check for loose connections, adjust idle screw (if accessible).
Fuel leaks	Loose fuel line connections, damaged gasket, cracked fuel line.	Tighten clamps, replace gasket, replace fuel line.
Lack of engine power	Clogged air filter, partially clogged carburetor, worn spark plug.	Clean/replace air filter, clean carburetor, replace spark plug.

SPECIFICATIONS

- **Product Type:** Replacement Carburetor Kit
- **Brand:** FOLIAGE
- **Compatible Engine Models:** Briggs & Stratton 286707, 289702, 289707, 28D702, 28D707, 28M706
- **UPC:** 689722730121
- **ASIN:** B0DMTTJWQM

WARRANTY AND SUPPORT

For warranty information or technical support, please contact the FOLIAGE customer service department. Keep your purchase receipt as proof of purchase.

Note: This replacement part is designed to meet or exceed OEM specifications. Proper installation and maintenance are crucial for optimal performance and longevity.

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