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 - › ACTIVLIFE Carburetor Instruction Manual for Briggs & Stratton 12J882-2951-E1, 12J882-2952-B1 & 12J882-3125-B1

ACTIVLIFE ACTIVLIFE

ACTIVLIFE Carburetor Instruction Manual

For Briggs & Stratton Engine Models: 12J882-2951-E1, 12J882-2952-B1, 12J882-3125-B1

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your new ACTIVLIFE Carburetor. This carburetor is specifically designed as a replacement part for Briggs & Stratton engine models **12J882-2951-E1**, **12J882-2952-B1**, and **12J882-3125-B1**. Adhering to these instructions will ensure optimal performance and longevity of your engine.

Before beginning any work, please read this manual thoroughly and understand all safety precautions.

2. PRODUCT OVERVIEW



Image 1: Front view of the ACTIVLIFE Carburetor. This image displays the main body of the carburetor, made of a silver-colored metal alloy, with a brass fuel inlet fitting on the side and a black plastic component on top, likely part of the choke or throttle linkage. The bottom part, which houses the float bowl, is a lighter metallic color.

The ACTIVLIFE Carburetor is a precision-engineered component critical for mixing air and fuel in the correct ratio for internal combustion engines. It ensures efficient fuel delivery and smooth engine operation.

3. SETUP AND INSTALLATION

Safety First: Always disconnect the spark plug wire and ensure the engine is cool before performing any installation or maintenance.

1. **Preparation:** Gather necessary tools, including wrenches, screwdrivers, and a clean cloth. Ensure you are working in a well-ventilated area.
2. **Fuel Drainage:** Drain all fuel from the fuel tank and carburetor bowl.
3. **Removal of Old Carburetor:**
 - Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor.
 - Remove the mounting bolts that secure the carburetor to the engine.
 - Gently remove the old carburetor and any old gaskets.
4. **Gasket Installation:** Install new gaskets between the engine, carburetor, and air filter housing. Ensure they are correctly aligned to prevent air leaks.
5. **New Carburetor Installation:**
 - Position the new ACTIVLIFE Carburetor onto the mounting studs.
 - Secure it with the mounting bolts, tightening them evenly to the manufacturer's specifications (refer to your engine's specific service manual for torque values).
 - Reconnect the fuel line, throttle linkage, and choke linkage. Ensure all connections are secure and move freely.
6. **Fuel Refill:** Refill the fuel tank with fresh, clean fuel appropriate for your engine.

It is recommended to consult a professional if you are unsure about any step of the installation process.

4. OPERATING INSTRUCTIONS

Once the carburetor is installed, the engine should start and run smoothly. The carburetor is pre-set for optimal performance and typically does not require adjustments. If the engine experiences issues after installation, refer to the Troubleshooting section.

For specific engine starting procedures, always refer to your Briggs & Stratton engine's original operating manual.

5. MAINTENANCE

- Regular maintenance of your carburetor and fuel system is crucial for prolonging engine life and ensuring reliable operation.
- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a primary cause of carburetor issues. Consider using a fuel stabilizer if the engine will be stored for extended periods.
 - **Fuel Filter:** Regularly inspect and replace the fuel filter according to your engine's maintenance schedule. A clogged fuel filter can restrict fuel flow to the carburetor.
 - **Air Filter:** Ensure the air filter is clean and free of debris. A dirty air filter can cause a rich fuel mixture and poor engine performance.
 - **Carburetor Cleaning:** If the carburetor becomes clogged due to fuel deposits, it may require cleaning. This typically involves disassembling the carburetor, cleaning jets and passages with carburetor cleaner, and replacing gaskets. This procedure should only be performed by individuals with mechanical experience.

6. TROUBLESHOOTING

If your engine experiences issues after carburetor installation, consider the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine will not start	No fuel, clogged fuel filter, incorrect choke position, spark plug issue.	Check fuel level, replace fuel filter, adjust choke, inspect/replace spark plug.
Engine runs rough/surges	Dirty air filter, stale fuel, minor carburetor clog, vacuum leak.	Clean/replace air filter, drain and refill with fresh fuel, inspect gaskets for leaks, consider carburetor cleaning.
Engine lacks power	Clogged fuel filter, dirty air filter, carburetor not delivering enough fuel.	Check fuel and air filters, ensure fuel flow is unrestricted.
Fuel leaks from carburetor	Damaged float, stuck needle valve, loose bowl screw, damaged gasket.	Inspect float and needle valve, tighten bowl screw, replace gaskets.

If problems persist after attempting these solutions, it is advisable to seek assistance from a qualified small engine mechanic.

7. SPECIFICATIONS

- **Product Type:** Replacement Carburetor
- **Brand:** ACTIVLIFE
- **Compatible Engine Models (Briggs & Stratton):** 12J882-2951-E1, 12J882-2952-B1, 12J882-3125-B1
- **Part Number (UPC):** 669993546898
- **Material:** Metal alloy construction

8. WARRANTY AND SUPPORT

Specific warranty information for this ACTIVLIFE Carburetor is not provided in this manual. Please refer to the product packaging or contact the seller directly for details regarding warranty coverage and customer support. For general inquiries or technical assistance, please reach out to the ACTIVLIFE customer service department through the retailer where the product was purchased.

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This manual is for informational purposes only. Always follow safety guidelines and consult a professional if needed.

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