

21B807-0130/0132/0133/0134/01335/0136-B1

Generic Carburetor Instruction Manual

For Briggs & Stratton 21B807-0130/0132/0133/0134/01335/0136-B1 Engines

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new Generic carburetor. This carburetor is designed as a direct replacement for specific Briggs & Stratton engine models. Please read these instructions carefully before proceeding with installation or maintenance to ensure proper function and safety.

2. PRODUCT CONTENTS

The package includes the following components:

- 1 x Carburetor assembly
- 1 x Fuel line
- 2 x Hose clamps
- 1 x Mounting gasket
- 1 x Mounting nut

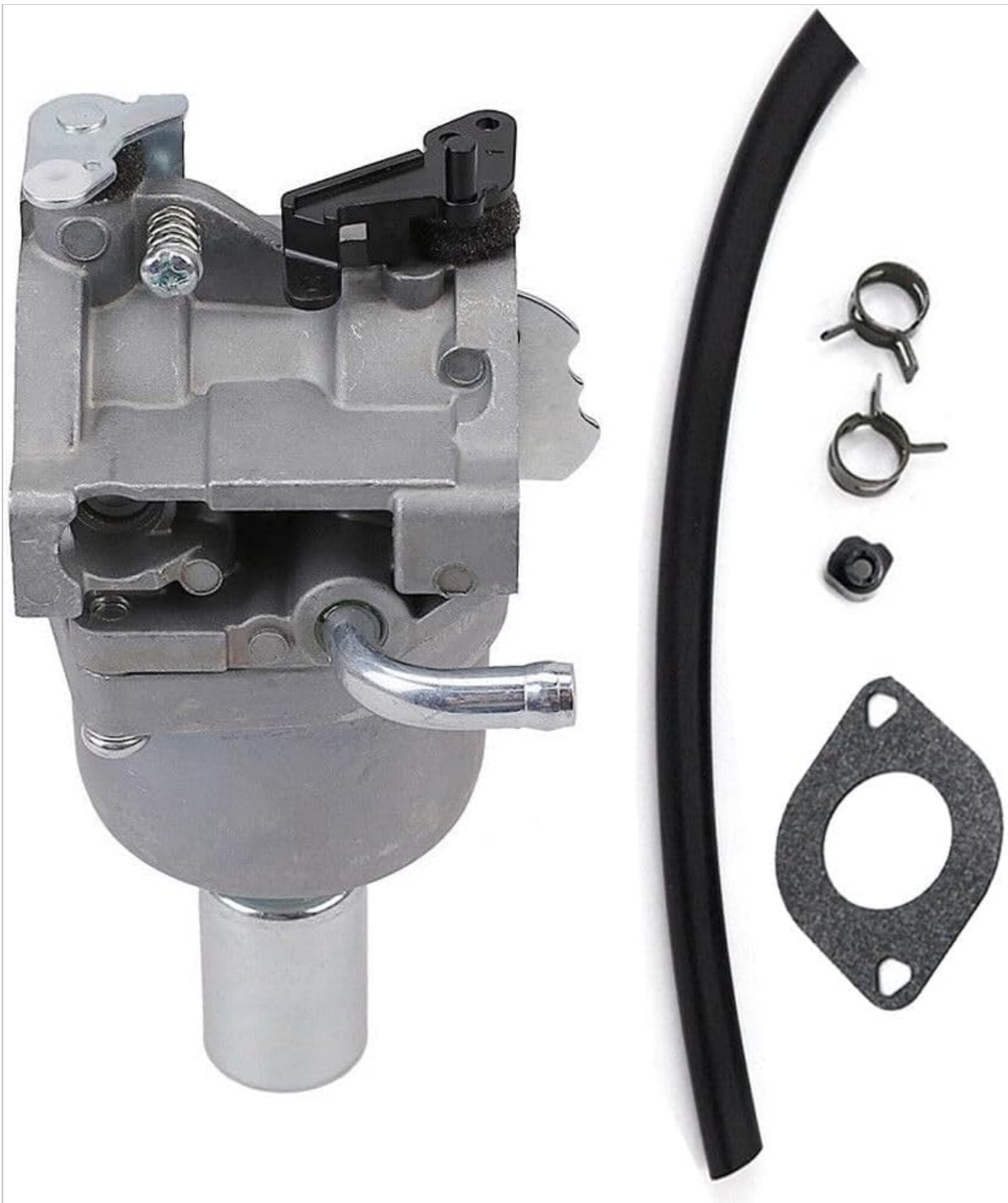


Figure 2.1: Complete carburetor kit including the main carburetor unit, fuel line, hose clamps, gasket, and a nut.

3. COMPATIBILITY

This carburetor is a direct replacement part compatible with the following Briggs & Stratton engine models:

- Briggs & Stratton 21B807-0130
- Briggs & Stratton 21B807-0132
- Briggs & Stratton 21B807-0133
- Briggs & Stratton 21B807-0134
- Briggs & Stratton 21B807-01335
- Briggs & Stratton 21B807-0136-B1

Ensure your engine model matches one of the listed numbers for proper fitment and function.

4. FEATURES

This carburetor is manufactured with high-quality materials to ensure reliable performance and extended service life. Key features include:

- **Direct Replacement:** Engineered to match factory specifications for a seamless fit.
- **Durable Construction:** Built to resist wear and withstand demanding operating conditions.
- **Optimized Performance:** Designed to ensure proper fuel-air mixture for efficient engine operation.
- **Ease of Maintenance:** Simple design allows for straightforward cleaning and servicing.

5. SETUP AND INSTALLATION

Warning: Carburetor installation involves working with fuel systems. Always ensure the engine is off, cool, and disconnected from any power source. Wear appropriate safety gear, including eye protection. If you are unsure about any step, consult a qualified mechanic.

1. **Preparation:** Disconnect the spark plug wire. Drain the fuel tank or clamp the fuel line to prevent fuel leakage.
2. **Remove Old Carburetor:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Remove any mounting bolts or nuts securing the old carburetor to the engine. Note the position of all components for reassembly.
3. **Clean Mounting Surface:** Ensure the engine's mounting surface is clean and free of old gasket material.
4. **Install New Gasket:** Place the new mounting gasket onto the engine's intake port.
5. **Mount New Carburetor:** Position the new carburetor onto the gasket and secure it with the original mounting hardware. Do not overtighten.



Figure 5.1: Front view of the carburetor, illustrating the air intake and throttle mechanism. Ensure proper alignment during installation.

- 6. Connect Linkages:** Reattach the throttle and choke linkages to the new carburetor. Verify smooth operation of both.



Figure 5.2: Side view highlighting the various linkage connection points for throttle and choke cables.

7. **Connect Fuel Line:** Attach the new fuel line to the carburetor's fuel inlet and secure it with the provided hose clamps. Ensure a tight, leak-free connection.



Figure 5.3: Detailed view of the electrical connector on the carburetor, if present. Connect any corresponding wires securely.

- 8. Final Checks:** Double-check all connections for security. Refill the fuel tank if drained. Reconnect the spark plug wire.

6. OPERATION

Once installed, the carburetor functions automatically to mix air and fuel for your engine. No specific user operation is required beyond starting and stopping the engine as per your equipment's manual. Ensure the fuel system is primed if necessary after installation.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your carburetor.

- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel can clog carburetor passages.
- **Fuel Filter:** Regularly inspect and replace the fuel filter as recommended by your engine manufacturer.
- **Cleaning:** If performance issues arise, the carburetor may need 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.

- **Storage:** Before long-term storage, run the engine until it runs out of fuel, or use a fuel stabilizer to prevent fuel degradation and gumming in the carburetor.



Figure 7.1: Rear view of the carburetor, indicating the fuel inlet and other connections relevant for maintenance checks.

8. TROUBLESHOOTING

If your engine experiences issues after carburetor replacement, consider the following common problems:

- **Engine Not Starting:**

- *Check Fuel Supply:* Ensure there is fuel in the tank and the fuel line is not kinked or blocked.
- *Spark Plug:* Verify the spark plug is clean and firing correctly.
- *Choke Operation:* Ensure the choke is functioning properly during cold starts.

- **Rough Idling or Stalling:**

- *Air Filter:* A dirty air filter can restrict airflow.
- *Fuel Quality:* Stale or contaminated fuel can cause poor running.
- *Carburetor Adjustment:* Some carburetors may require minor idle mixture adjustments (consult

engine service manual).

- **Fuel Leaks:**

- *Loose Connections:* Check all fuel line connections and hose clamps.
- *Damaged Gasket:* Ensure the carburetor gasket is properly seated and not damaged.

For persistent issues, it is recommended to consult a professional engine technician.

9. SPECIFICATIONS

Manufacturer	Generic
Brand	Generic
Model Compatibility	Briggs & Stratton 21B807-0130/0132/0133/0134/01335/0136-B1
Item Weight	1 pound
Product Dimensions	1 x 1 x 1 inches (approximate)
Manufacturer Part Number	1

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer from whom the product was purchased. Keep your proof of purchase for any warranty claims.