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> WFLNHB Carburetor Carb Replacement for Briggs Stratton 796608 Select 111000 11P000 121000 12Q000 User Manual

WFLNHB 796608

WFLNHB Carburetor Replacement User Manual

Model: 796608, 111000, 11P000, 121000, 12Q000

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your WFLNHB Carburetor Replacement. Designed for specific Briggs & Stratton and Troy-Bilt engines, this carburetor ensures optimal fuel delivery for efficient engine performance. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.



Figure 1: WFLNHB Carburetor Replacement kit including the carburetor, two gaskets, a fuel filter, and an O-ring.

2. PRODUCT OVERVIEW AND COMPONENTS

The WFLNHB Carburetor Replacement kit includes all necessary components for a complete installation. Understanding each part is crucial for correct assembly and function.

- **Carburetor:** The main unit responsible for mixing air and fuel.
- **Gaskets (2x):** Essential for creating a tight seal between the carburetor and engine components, preventing leaks.
- **Fuel Filter (1x):** Filters impurities from the fuel before it reaches the carburetor, protecting the system.
- **O-ring (1x):** Provides an additional seal for specific connections.



Figure 2: Close-up view of the carburetor and its accompanying parts: two black gaskets, a white fuel filter, and a small black O-ring.

3. COMPATIBILITY AND FITMENT

This carburetor is designed as a direct replacement for specific engine models. Verify your engine's model number and part numbers against the list below to ensure proper fitment.

Compatible Engine Models:

- Briggs & Stratton 796608
- Briggs & Stratton Select 111000 Series
- Briggs & Stratton Select 11P000 Series
- Briggs & Stratton Select 121000 Series
- Briggs & Stratton Select 12Q000 Series
- Troy-Bilt Pressure Washer 7.75Hp Engines
- Troy-Bilt Pressure Washer 8.75Hp Engines

Replaces Part Numbers:

- 594287
- 799248
- 796608

Important Note:

Always compare your existing carburetor with the provided product images and specifications to confirm compatibility before purchase and installation. Slight variations may exist between engine sub-models.

PRODUCT SIZE



Figure 3: Key dimensions of the carburetor, including inlet and mounting hole measurements, to assist in verifying fitment.

4. INSTALLATION GUIDE

Installation of a carburetor requires basic mechanical knowledge. If you are unsure, consult a qualified technician. Always ensure the engine is cool and disconnected from any power source before beginning work.

Required Tools (Not Included):

- Socket wrench set
- Screwdriver set
- Pliers
- Fuel line clamps
- Clean rags

Installation Steps:

1. **Preparation:** Disconnect the spark plug wire. Drain the fuel tank or clamp the fuel line to prevent spills. Place rags

under the carburetor area to catch any fuel.

2. **Remove Air Filter Assembly:** Carefully remove the air filter housing and air filter.
3. **Disconnect Linkages and Fuel Line:** Note the position of all linkages (throttle, choke) connected to the old carburetor. Take photos if necessary for reassembly. Disconnect the fuel line from the carburetor.
4. **Remove Old Carburetor:** Unscrew the mounting bolts holding the carburetor to the engine. Carefully remove the old carburetor and any old gaskets.
5. **Clean Mounting Surface:** Ensure the engine's mounting surface is clean and free of old gasket material.
6. **Install New Gaskets:** Place the new gaskets in their correct positions. Refer to your engine's service manual for specific gasket placement if unsure.
7. **Mount New Carburetor:** Carefully position the new WFLNHB carburetor onto the mounting studs. Ensure all linkages are correctly aligned. Secure with the mounting bolts, tightening them evenly.
8. **Reconnect Linkages and Fuel Line:** Reattach the throttle and choke linkages to the new carburetor. Reconnect the fuel line, ensuring it is securely fastened. Install the new fuel filter in the fuel line if replacing.
9. **Reinstall Air Filter Assembly:** Reattach the air filter housing and install the air filter.
10. **Final Checks:** Reconnect the spark plug wire. Refill the fuel tank. Check for any fuel leaks.

Safety Precaution:

Always work in a well-ventilated area. Fuel is highly flammable. Keep open flames and ignition sources away from the work area.

5. OPERATING INSTRUCTIONS

After successful installation, the engine should start and run smoothly. This carburetor is designed to provide optimal fuel-air mixture without significant adjustments for most compatible engines.

Initial Start-up:

1. Ensure the fuel tank is filled with fresh, appropriate fuel for your engine.
2. Set the choke lever to the "CHOKE" position (if applicable to your engine model).
3. Set the throttle lever to the "FAST" or "START" position.
4. Pull the starter cord firmly or engage the electric starter until the engine fires.
5. Once the engine starts, gradually move the choke lever to the "RUN" position as the engine warms up.

If the engine does not start or runs rough, refer to the Troubleshooting section.

6. MAINTENANCE

Proper maintenance extends the life of your carburetor and ensures consistent engine performance. While the carburetor itself requires minimal routine maintenance, the surrounding fuel system components are critical.

- **Fuel Filter Replacement:** Regularly inspect and replace the fuel filter (included in this kit) according to your engine manufacturer's recommendations, typically annually or every 50 hours of operation. A clogged fuel filter can restrict fuel flow and cause carburetor issues.
- **Fuel Quality:** Always use fresh, clean fuel. Stale or contaminated fuel is a primary cause of carburetor problems. Consider using a fuel stabilizer if the engine will be stored for extended periods.
- **Air Filter Inspection:** Ensure the air filter is clean and unobstructed. A dirty air filter can lead to a rich fuel mixture and poor engine performance.

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

7. TROUBLESHOOTING

This section addresses common issues you might encounter after installing the carburetor. Always ensure basic engine requirements (spark, compression, fuel) are met before troubleshooting the carburetor.

Problem	Possible Cause	Solution
Engine will not start	No fuel or stale fuel Clogged fuel filter Improper choke setting Loose spark plug wire Incorrect carburetor installation (e.g., air leak)	Fill with fresh fuel Replace fuel filter Adjust choke to "CHOKE" for cold start Check and secure spark plug wire Re-check all connections and gaskets
Engine runs rough or stalls	Dirty air filter Stale or contaminated fuel Minor fuel restriction Engine not fully warmed up (choke still on)	Clean or replace air filter Drain and refill with fresh fuel Check fuel filter and fuel lines for kinks Ensure choke is fully off once warm
Fuel leaks from carburetor	Improperly seated gaskets Loose mounting bolts Damaged O-ring	Re-seat or replace gaskets Tighten mounting bolts evenly Inspect and replace O-ring if damaged

If problems persist after following these steps, it is recommended to consult a professional small engine mechanic.

8. SPECIFICATIONS

Key specifications for the WFLNHB Carburetor Replacement.

- **Brand:** WFLNHB
- **Item Weight:** 7.4 ounces (approx. 210 grams)
- **Package Dimensions:** 4.33 x 3.11 x 2.72 inches (approx. 11 x 7.9 x 6.9 cm)
- **Country of Origin:** China
- **Manufacturer Part Number:** Does not apply (refer to compatible part numbers 594287, 799248, 796608)
- **ASIN:** B07NBYV567
- **First Available Date:** February 1, 2019

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Lawn mower Carburetor

Figure 4: Various detailed views of the carburetor, highlighting its construction and internal components.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please contact WFLNHB directly through their official channels or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.

WFLNHB Store Link: [Visit the WFLNHB Store on Amazon](#)

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This manual is for informational purposes only. WFLNHB is not responsible for any damage or injury resulting from improper installation or use of this product.