

Briggs & Stratton 593433



Briggs & Stratton 593433 Carburetor Instruction Manual

Genuine OEM Replacement Part

1. PRODUCT OVERVIEW

The Briggs & Stratton 593433 Carburetor is a genuine OEM replacement part designed to ensure optimal performance and compliance with emission regulations for your Briggs & Stratton engine. This mechanical component is crucial for supplying a consistent and precise mixture of fuel and air to the engine, allowing it to run efficiently.



Image 1.1: The Briggs & Stratton 593433 Carburetor, a vital engine component.

Using genuine Briggs & Stratton parts guarantees proper fit and function, maintaining the integrity and longevity of your outdoor power equipment.

2. SAFETY INFORMATION

Always prioritize safety when performing maintenance or repairs on outdoor power equipment. Before attempting any installation or repair, refer to the specific instructions provided in your equipment's operator's manual.

- Ensure the engine is cool and disconnected from any power source (e.g., spark plug wire removed) before beginning work.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Work in a well-ventilated area.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Handle with care and wash hands after use.

3. INSTALLATION

Replacing a carburetor requires careful attention to detail. The Briggs & Stratton 593433 Carburetor is designed to meet exact OEM standards for a precise fit.

3.1 General Installation Steps (Consult your equipment's manual for specific instructions):

1. **Preparation:** Ensure the engine is off and cool. Disconnect the spark plug wire to prevent accidental starting. Drain any fuel from the tank if necessary.
2. **Access:** Remove any air filter housings, shrouds, or other components that obstruct access to the carburetor.
3. **Disconnection:** Carefully disconnect the fuel line, throttle linkage, and choke linkage from the old carburetor. Note their positions for reassembly.
4. **Removal:** Unbolt the old carburetor from the engine. Be mindful of any gaskets between the carburetor and the engine/intake manifold.
5. **New Carburetor Installation:** Install new gaskets (if applicable) and mount the Briggs & Stratton 593433 Carburetor. Ensure it is seated correctly.
6. **Reconnection:** Reattach the fuel line, throttle linkage, and choke linkage. Double-check all connections for security.
7. **Final Steps:** Reinstall any removed shrouds or air filter components. Reconnect the spark plug wire. Refill the fuel tank with fresh, appropriate fuel.



Image 3.1: A technician performing carburetor installation on an engine.

After installation, the engine should start and run smoothly. If issues persist, refer to the troubleshooting section or consult a qualified service technician.

4. OPERATION

The carburetor's primary function is to mix air and fuel in the correct proportions for combustion within the engine. Once installed, the Briggs & Stratton 593433 Carburetor will automatically regulate this mixture, ensuring your engine receives the optimal blend for starting, idling, and running under various loads.

Proper operation relies on a clean fuel system and correctly adjusted linkages. No user adjustments are typically required for this OEM replacement part under normal operating conditions.

5. MAINTENANCE

Regular maintenance of your engine and its components, including the carburetor, is essential for prolonging equipment life and ensuring reliable performance.

5.1 Carburetor Cleaning

Over time, fuel deposits can accumulate in the carburetor, affecting its performance. If your engine experiences rough idling, stalling, or difficulty starting, cleaning the carburetor may be necessary.

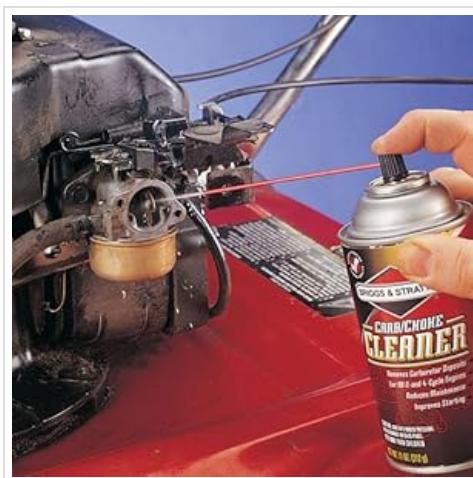


Image 5.1: Using a specialized carburetor cleaner to remove deposits.

Use a dedicated carburetor cleaner, following the product's instructions. Disassemble the carburetor carefully, clean all passages and jets, and replace any worn gaskets or O-rings. Always refer to your engine's service manual for detailed cleaning procedures.

5.2 Fuel System Care

To prevent future carburetor issues, use fresh, clean fuel. Consider using ethanol-free fuel or a fuel stabilizer, especially when storing equipment for extended periods. This helps prevent fuel degradation and gumming, which are common causes of carburetor problems.



Image 5.2: A Briggs & Stratton tune-up kit, including items for comprehensive engine maintenance.

6. TROUBLESHOOTING

If your engine is not running correctly after carburetor installation or during general use, consider the following:

- **Engine Not Starting:** Check for proper fuel flow, ensure the spark plug is clean and connected, and verify that the choke is functioning correctly.
- **Rough Idling or Stalling:** This can indicate a clogged carburetor jet or an air leak. Re-inspect all connections and ensure the carburetor is clean.
- **Lack of Power:** A restricted fuel supply or an incorrect fuel-air mixture can cause power loss. Verify fuel filter cleanliness and carburetor function.
- **Fuel Leaks:** Inspect all fuel lines and connections for cracks or loose fittings. Ensure carburetor bowl gasket is properly seated.

If basic troubleshooting does not resolve the issue, it is recommended to consult a qualified service technician or refer to your engine's specific service manual.

7. SPECIFICATIONS

Feature	Specification
Brand	Briggs & Stratton
Model Number	593433
Fuel Type	Gasoline
Product Dimensions	2.62"D x 3.12"W x 5.62"H
Item Weight	15.1 ounces
Manufacturer	Briggs and Stratton
UPC	047282026809

8. SUPPORT

For further assistance, technical support, or to locate additional genuine Briggs & Stratton parts, please visit the official Briggs & Stratton website or contact their customer service department. Always provide your engine's model

and serial numbers when seeking support to ensure accurate assistance.

You can find more information and genuine parts at the [Briggs & Stratton Store on Amazon](#).

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