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› KINGSTORE Replacement Carburetor Instruction Manual for Briggs & Stratton Engines (Models 799871, 128800, 122K00, 122T00)

## KINGSTORE CB-799871

# KINGSTORE Replacement Carburetor Instruction Manual

Model: CB-799871 | Compatible with Briggs & Stratton Engines

## 1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for the installation, operation, and maintenance of your KINGSTORE replacement carburetor. This carburetor is designed to be compatible with various Briggs & Stratton engine models, ensuring proper fuel-air mixture for optimal engine performance in applications such as lawn mowers and generators.

Please read this manual thoroughly before attempting installation or operation to ensure safety and proper function.

## 2. PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation.

- 1 x Replacement Carburetor
- 1 x Gasket
- 1 x O-ring



Figure 2.1: The KINGSTORE replacement carburetor shown with the included gasket and O-ring, ready for installation.

### 3. COMPATIBILITY

This replacement carburetor is compatible with a wide range of Briggs & Stratton engine models and replaces specific OEM part numbers. Please confirm your engine model or existing carburetor's OEM number before installation.

#### Compatible Briggs & Stratton Engine Models:

- 128L05, 128L07, 128M02, 128M05, 128M07
- 128T02, 128T05, 128T07
- 12F802, 12F805, 12F807, 12F809, 12F812, 12F882, 12F887, 12F889
- 12H802, 12H805, 12H807, 12H809, 12H812, 12H882, 12H887
- Most 122000 Model B and S Engines

### Replaces OEM Part Numbers:

- 790845
- 799871
- 799866
- 796707
- 794304

## 4. INSTALLATION (SETUP)

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**Safety First:** Before beginning any work, ensure the engine is cool, the spark plug wire is disconnected, and the fuel supply is turned off or drained to prevent accidental starting or fuel spills.

1. **Prepare the Engine:** Disconnect the air filter assembly and any fuel lines or linkages connected to the old carburetor.
2. **Remove Old Carburetor:** Carefully unbolt and remove the existing carburetor. Note the position of all gaskets and linkages for reassembly.
3. **Clean Mounting Surface:** Ensure the engine's mounting surface is clean and free of old gasket material. This is crucial for a proper seal.
4. **Install New Gasket and O-ring:** Place the new gasket and O-ring in their correct positions between the engine and the new carburetor. Refer to your engine's service manual for exact placement if unsure.
5. **Mount New Carburetor:** Position the KINGSTORE replacement carburetor onto the engine, aligning it with the mounting bolts. Secure it with the original hardware, tightening bolts evenly to prevent warping.
6. **Connect Fuel Lines and Linkages:** Reconnect all fuel lines, throttle linkages, and choke linkages to the new carburetor. Ensure all connections are secure and move freely.
7. **Reinstall Air Filter:** Reattach the air filter assembly.
8. **Reconnect Spark Plug:** Reconnect the spark plug wire.



**Figure 4.1:** Side view of the carburetor, highlighting the fuel inlet (brass fitting) and mounting points. Ensure fuel lines are securely attached here.



**Figure 4.2:** Front view of the carburetor, showing the air intake and throttle plate. Ensure linkages operate smoothly.

## 5. OPERATING INSTRUCTIONS

Once the carburetor is installed, the engine's operation should return to normal. The carburetor automatically mixes fuel and air for combustion. No specific user adjustments are typically required for this replacement unit under normal operating conditions.

- **Fuel Supply:** Ensure the fuel tank contains fresh, clean fuel appropriate for your engine.
- **Choke Operation:** For cold starts, engage the choke as per your engine's manufacturer instructions. Disengage once the engine warms up.
- **Throttle Control:** Use the engine's throttle control to adjust engine speed as needed.

## 6. MAINTENANCE

Regular maintenance helps prolong the life of your carburetor and ensures consistent engine performance.

- **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 (if present) to prevent debris from reaching the carburetor.
- **Air Filter:** A clean air filter is essential for proper air-fuel mixture. Clean or replace the air filter according to your engine's maintenance schedule.
- **Carburetor Cleaning:** If performance issues arise, the carburetor 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 appropriate mechanical knowledge.



**Figure 6.1:** Bottom view of the carburetor, showing the float bowl. This section can be removed for cleaning if fuel contaminants are suspected.

## 7. TROUBLESHOOTING

If your engine experiences issues after carburetor installation, consider the following common troubleshooting steps:

| Symptom                     | Possible Cause                                                                 | Solution                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Engine will not start       | No fuel, clogged fuel line/filter, incorrect choke setting, spark issue.       | Check fuel level, inspect fuel lines/filter, adjust choke, check spark plug.              |
| Engine runs rough or stalls | Dirty carburetor, old fuel, air filter clogged, vacuum leak.                   | Clean carburetor, use fresh fuel, clean/replace air filter, check for proper gasket seal. |
| Engine lacks power          | Clogged air filter, restricted exhaust, carburetor not delivering enough fuel. | Clean/replace air filter, check exhaust, inspect carburetor for blockages.                |
| Fuel leaks from carburetor  | Damaged O-ring/gasket, float needle issue, float bowl loose.                   | Inspect and replace O-ring/gasket, check float assembly, tighten float bowl.              |

If issues persist after troubleshooting, it is recommended to consult a qualified small engine mechanic.

8. SPECIFICATIONS

| Feature                   | Detail                                 |
|---------------------------|----------------------------------------|
| Brand                     | KINGSTORE                              |
| Model Number              | CB-799871                              |
| Replaces OEM Part Numbers | 790845, 799871, 799866, 796707, 794304 |
| Recommended Uses          | Lawn Mower                             |
| Specific Uses             | Generator                              |
| Item Weight               | 7 ounces                               |
| UPC                       | 725177630736                           |

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your KINGSTORE replacement carburetor, please refer to the seller's return policy or contact the manufacturer directly through their official channels. Keep your purchase receipt as proof of purchase.

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