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Briggs & Stratton 796926

Briggs & Stratton 796926 Governor Spring Instruction Manual

Model: **796926** | Brand: **Briggs & Stratton**

1. INTRODUCTION

This instruction manual provides essential information regarding the Briggs & Stratton 796926 Governor Spring. This genuine replacement part is designed to ensure the optimal performance and longevity of your outdoor power equipment. Understanding its function, proper installation, and maintenance is crucial for the safe and efficient operation of your engine.

Using genuine Briggs & Stratton parts is vital for maintaining the peak performance of your engine and ensuring compliance with applicable environmental regulations. Non-genuine parts may not meet the exact specifications required for proper function and could lead to reduced efficiency or damage.

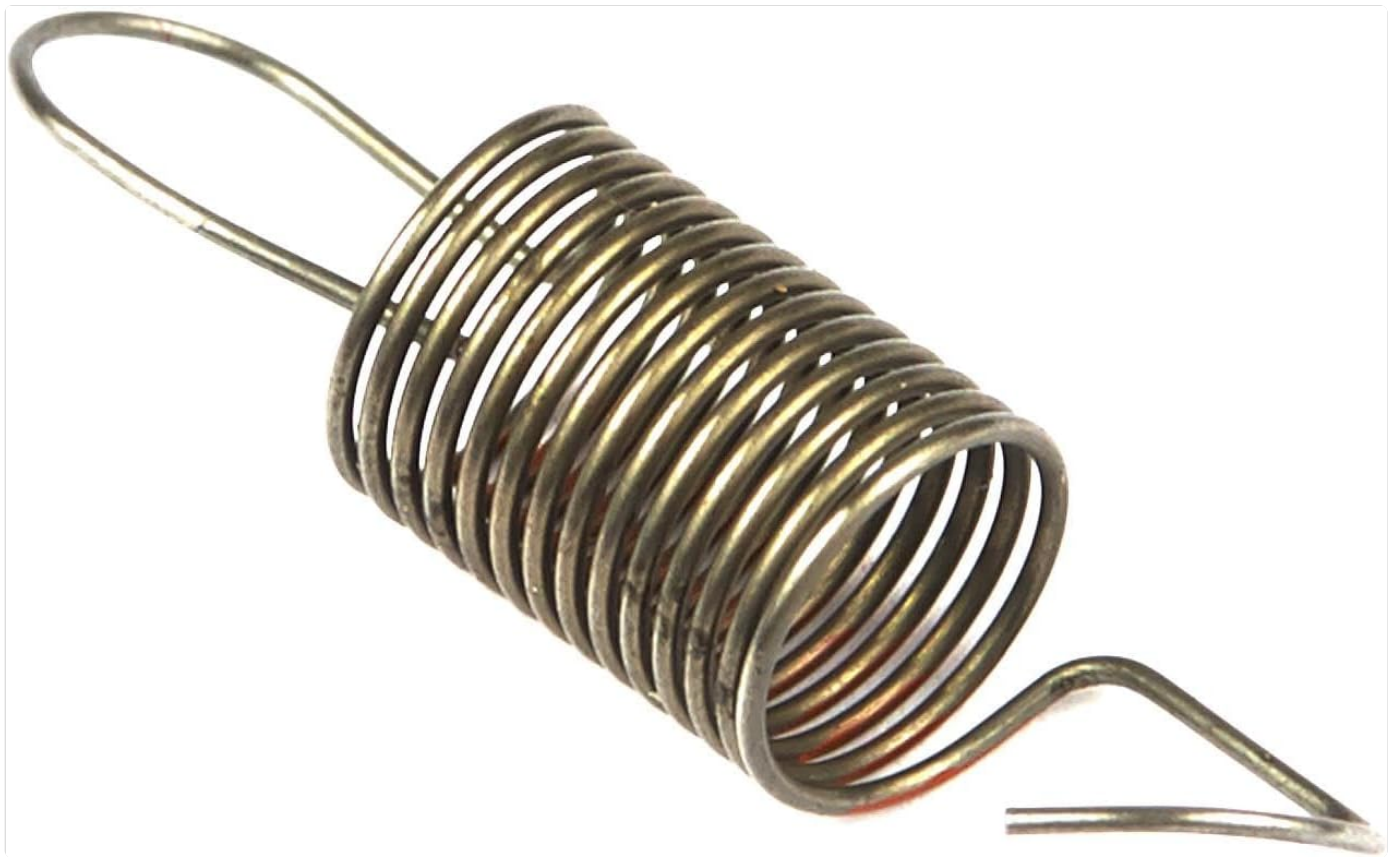


Image 1.1: The Briggs & Stratton 796926 Governor Spring. This spring is a critical component for regulating engine speed.

2. PRODUCT DESCRIPTION AND COMPATIBILITY

The Briggs & Stratton 796926 Governor Spring is a precision-engineered component designed to work seamlessly within your engine's governor system. Its primary role is to provide the necessary tension to the governor arm, which in turn controls the throttle to maintain a consistent engine speed under varying loads.

This genuine Briggs & Stratton governor spring is compatible with a wide range of Briggs & Stratton engines. It is specifically designed to fit most:

- 121000 Model Briggs & Stratton Engines
- 111000 Model Briggs & Stratton Engines
- 11P000 Model Briggs & Stratton Engines
- 124000 Model Briggs & Stratton Engines
- 12S000 Model Briggs & Stratton Engines

Always verify the specific part number required for your engine model by consulting your engine's owner's manual or parts diagram to ensure correct fitment.



Image 2.1: Briggs & Stratton emphasizes the importance of using Genuine OEM Parts for optimal performance.

3. INSTALLATION GUIDELINES

Replacing a governor spring requires careful attention to detail and adherence to safety procedures. It is highly recommended to consult your specific engine's service manual for detailed, step-by-step instructions and diagrams, as procedures can vary between engine models.

Safety Precautions:

- Always disconnect the spark plug wire before performing any maintenance or repair to prevent accidental starting.
- Allow the engine to cool completely before working on it.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Work in a well-ventilated area.

General Installation Steps (Consult Engine Manual for Specifics):

1. **Locate the Governor Assembly:** Identify the governor arm and the existing governor spring on your engine.
2. **Note Spring Orientation:** Before removal, carefully observe how the old spring is attached and its orientation. Taking a photograph can be helpful.
3. **Remove Old Spring:** Carefully detach the old governor spring.
4. **Install New Spring:** Attach the new Briggs & Stratton 796926 Governor Spring in the exact same orientation as the one removed. Ensure it is securely hooked at both ends.
5. **Verify Connections:** Double-check all connections and ensure no other components were dislodged during the process.
6. **Reconnect Spark Plug:** Once installation is complete and verified, reconnect the spark plug wire.

If you are unsure about any step of the installation process, it is advisable to seek assistance from a qualified service technician.

4. FUNCTION AND OPERATION

The governor system in a small engine, including the governor spring, is responsible for regulating engine speed. Without a properly functioning governor, an engine could over-rev and cause severe damage, or it could bog down excessively under load.

The governor spring works in conjunction with the governor arm and flyweights (internal to the engine) to control the throttle plate in the carburetor. As engine speed increases, the flyweights move outward, which pulls on the governor arm. The governor spring provides a counter-force, pulling the throttle open. The balance between these forces determines the engine's operating speed. When the engine is under load and speed drops, the spring pulls the throttle open further to increase fuel flow and restore speed. Conversely, if the engine speed increases too much, the governor system will close the throttle to prevent over-revving.



Image 4.1: Visual reminders of the importance of using genuine Briggs & Stratton parts for proper fit and function.

5. MAINTENANCE AND INSPECTION

Regular inspection of your engine's components, including the governor spring, can help prevent unexpected failures and ensure consistent performance. While the governor spring itself requires minimal maintenance, its condition is critical to engine operation.

Inspection Points:

- **Spring Tension:** Over time, springs can lose their tension. If the engine exhibits erratic speed or over-revving, the spring's tension should be checked.
- **Physical Damage:** Inspect the spring for any signs of stretching, bending, corrosion, or breakage. Even minor damage can affect its performance.
- **Secure Attachment:** Ensure the spring is securely attached at both connection points and has not come loose.

If any issues are observed, replace the governor spring with a genuine Briggs & Stratton 796926 part to restore proper engine function.



Image 5.1: Using genuine replacement parts, such as filters, is crucial for overall engine health and performance.

6. TROUBLESHOOTING COMMON ISSUES

Issues related to the governor spring typically manifest as problems with engine speed regulation. If you experience any of the following symptoms, the governor spring may be a contributing factor:

- **Erratic Engine Speed:** The engine revs up and down inconsistently without changes in load.
- **Engine Over-revving:** The engine runs at excessively high RPMs, potentially beyond safe limits.
- **Engine Boggling Down:** The engine struggles to maintain speed under load, or the throttle does not respond adequately.
- **Engine Not Reaching Full RPM:** The engine does not achieve its maximum rated speed.

Troubleshooting Steps:

1. **Visual Inspection:** Check the governor spring for any visible damage, stretching, or dislodgement.

2. **Correct Installation:** Ensure the spring is installed correctly according to your engine's service manual.
3. **Compare with New Spring:** If possible, compare the tension and length of the old spring with a new Briggs & Stratton 796926 Governor Spring.

If the governor spring is found to be faulty or damaged, replacement with a genuine part is the recommended solution. If symptoms persist after replacing the spring, further diagnosis of the engine's carburetor, ignition system, or internal governor components may be necessary by a qualified technician.

7. TECHNICAL SPECIFICATIONS

Specification	Detail
Product Name	Briggs & Stratton Governor Spring
Model Number	796926
Manufacturer	Briggs & Stratton
Product Dimensions	4 x 0.25 x 4 inches (approximate)
Item Weight	0.32 ounces (approximate)
Part Type	Genuine OEM Replacement Part
Country of Origin	United States

8. WARRANTY INFORMATION

Genuine Briggs & Stratton replacement parts, including the 796926 Governor Spring, are typically covered by a manufacturer's warranty against defects in material and workmanship. The specific terms and duration of the warranty may vary. For detailed warranty information, please refer to the documentation included with your purchase or visit the official Briggs & Stratton website.

Retain your proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

For further assistance, technical support, or to locate an authorized service dealer, please contact Briggs & Stratton customer service or visit their official website. When contacting support, have your engine model and serial numbers readily available, along with the part number 796926.

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