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Briggs & Stratton 692207

Briggs & Stratton 692207 Governor Link Spring Replacement

Model: 692207

Brand: Briggs & Stratton

1. Introduction

This manual provides essential information regarding the Briggs & Stratton Governor Link Spring, part number 692207. This component is designed as a direct replacement for specific Briggs & Stratton engine models, including 260584 and 692207. Understanding its function and proper installation is crucial for maintaining optimal engine performance and compliance with emission regulations.

2. Safety Information

Always prioritize safety when working with engine components. Failure to follow safety precautions can result in serious injury or damage to equipment.

- Ensure the engine is turned off and cooled down before attempting any maintenance or replacement.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Refer to your engine's specific service manual for detailed safety instructions and procedures.
- If you are unsure about any procedure, consult a qualified service technician.

3. Product Description

The Briggs & Stratton 692207 Governor Link Spring is a genuine OEM replacement part engineered to maintain the precise operation of your engine's governor system. This spring plays a critical role in regulating engine speed, ensuring consistent performance under varying loads. Using genuine Briggs & Stratton parts helps ensure that your engine operates at peak performance and complies with applicable EPA emission regulations. This part is essential for the proper functioning of outdoor power equipment.



Figure 1: The Briggs & Stratton 692207 Governor Link Spring. This image shows the metallic spring component, which is a crucial part of the engine's speed regulation system.

4. Setup and Installation

Installation of the governor link spring requires careful attention to detail. It is recommended to consult your engine's specific service manual for precise, step-by-step instructions tailored to your model. Incorrect installation can lead to engine malfunction or damage.

1. **Preparation:** Ensure the engine is off, cool, and the spark plug wire is disconnected. Clear the work area around the governor assembly.
2. **Locate the Old Spring:** Identify the existing governor link spring on your engine. Note its exact attachment points and orientation. Taking a photograph before removal can be helpful.
3. **Remove the Old Spring:** Carefully detach the old spring from its connection points.
4. **Install the New Spring:** Attach the new Briggs & Stratton 692207 governor link spring to the same connection points, ensuring it is correctly oriented and securely fastened. The spring should have appropriate tension without being overstretched or loose.
5. **Verify Connections:** Double-check all connections to ensure the spring is properly seated and will not interfere with other moving parts.
6. **Test:** Reconnect the spark plug wire. Start the engine and observe its operation. The engine speed should be stable and responsive to throttle changes.

If you are not confident in performing this installation, it is advisable to seek assistance from a certified Briggs & Stratton service center or a qualified mechanic.

5. Operating Principle

The governor link spring is an integral part of the engine's mechanical governor system. This system is designed to maintain a desired engine speed regardless of the load placed on the engine. When the engine speed decreases due to increased load, the governor weights move inward, allowing the governor arm to pull on the throttle linkage, which in turn opens the carburetor throttle plate. The governor spring provides the opposing force, pulling the throttle plate closed. The balance between the governor weights' centrifugal force and the spring's tension determines the engine's operating speed. A properly functioning spring ensures smooth and consistent engine operation.

6. Maintenance

The governor link spring itself typically requires minimal maintenance. However, regular inspection of the entire governor assembly is recommended as part of your engine's routine maintenance schedule.

- **Visual Inspection:** Periodically check the spring for signs of wear, stretching, corrosion, or damage. A damaged spring can lead to erratic engine speed.
- **Cleanliness:** Keep the area around the governor assembly clean and free of debris, which could impede the spring's movement.
- **Lubrication:** While the spring itself doesn't require lubrication, ensure that any pivot points or linkages associated with the governor arm are free-moving and not seized.
- **Replacement:** If the spring shows any signs of damage or loss of tension, replace it immediately with a genuine Briggs & Stratton part to ensure proper engine function.

7. Troubleshooting

Issues with the governor link spring can manifest as problems with engine speed regulation. Below are common symptoms and potential causes related to the spring:

Symptom	Possible Cause (Spring Related)	Action
Engine surges or hunts (speed fluctuates)	Stretched, weak, or incorrect governor spring.	Inspect spring for damage or incorrect type. Replace if necessary.
Engine runs too fast or too slow	Incorrectly installed spring, wrong spring for the application, or damaged spring.	Verify correct spring installation and part number. Replace if damaged or incorrect.
Engine does not respond to throttle changes	Spring detached or broken.	Check spring connections and integrity. Reattach or replace.

Always consult your engine's service manual for comprehensive troubleshooting guides. If problems persist after checking the spring, other engine components may require inspection.

8. Specifications

- **Part Number:** 692207
- **Manufacturer:** Briggs & Stratton
- **Product Type:** Governor Link Spring
- **Compatibility:** Designed for Briggs & Stratton engine models including 260584 and 692207.
- **Package Dimensions:** 1.27 H x 7.62 L x 1.27 W (centimeters)
- **Package Weight:** 0.009 kilograms (0.16 ounces)
- **Country of Origin:** United States

9. Warranty and Support

Briggs & Stratton genuine parts are manufactured to exact OEM standards, ensuring quality and performance. For specific warranty information regarding this replacement part, please refer to the documentation provided with your original engine or contact Briggs & Stratton customer support directly. Using genuine parts helps maintain your engine's warranty and ensures compliance with applicable regulations.
For further assistance or to locate a certified service dealer, please visit the official Briggs & Stratton website or contact their customer service department.

Briggs & Stratton Official Website: www.briggsandstratton.com

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