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Briggs & Stratton 691696 Screw Instruction Manual

1. INTRODUCTION

This instruction manual provides important information regarding the Briggs & Stratton 691696 screw. This component is a genuine replacement part designed to maintain the optimal performance and integrity of your outdoor power equipment. Using genuine Briggs & Stratton parts ensures compatibility and adherence to original equipment manufacturer (OEM) standards, which is crucial for equipment longevity and compliance with emission regulations.

2. PRODUCT OVERVIEW

The Briggs & Stratton 691696 screw is a critical fastener for various applications within Briggs & Stratton outdoor power equipment. It is an OEM part, meaning it is manufactured to the exact specifications of the original component.



Figure 1: Briggs & Stratton 691696 Screw. This image displays the genuine replacement screw, highlighting its design and material suitable for outdoor power equipment applications.

Key Features:

- Genuine Briggs & Stratton Part: Ensures quality and compatibility.
- OEM Standard: Manufactured to exact original equipment specifications.
- Direct Replacement: Replaces old Briggs & Stratton part numbers 94943, 557061, and 691696.
- Durable Construction: Made from alloy steel with a multi-color finish.

3. INSTALLATION

This screw is intended as a direct replacement for specific applications within Briggs & Stratton engines and equipment. Proper installation is crucial for the secure fastening of components.

1. **Identify the Correct Location:** Refer to your equipment's specific service manual or parts diagram to locate the exact position where the 691696 screw is required.
2. **Remove Old Screw (if applicable):** Carefully remove the old or damaged screw using appropriate tools. Ensure no debris or damaged threads remain.
3. **Insert New Screw:** Align the Briggs & Stratton 691696 screw with the threaded hole.
4. **Tighten Securely:** Hand-tighten the screw initially to ensure proper thread engagement. Then, use a suitable tool (e.g., socket wrench) to tighten the screw to the manufacturer's specified torque. *Over-tightening can strip threads, while under-tightening can lead to loose components.*
5. **Verify Fitment:** After tightening, ensure the component secured by the screw is firmly in place and does not exhibit any excessive movement.

Note: Always consult your specific equipment's service manual for detailed torque specifications and installation procedures.

4. FUNCTION AND USAGE

The 691696 screw serves as a critical fastening element, securing various parts within Briggs & Stratton outdoor power equipment. Its design, including thread type (Unified National Coarse - UNC) and material (Alloy Steel), ensures a strong and reliable connection, contributing to the overall structural integrity and operational safety of the machinery.

This screw is designed for applications requiring a 1/4 inch x 4 inch fastener with a partially threaded shaft and a socket head. Its primary function is to hold components together under operational stresses, preventing loosening due to vibration or movement.

5. MAINTENANCE

As a fastener, the 691696 screw requires minimal maintenance. However, periodic inspection is recommended to ensure continued performance and safety:

- **Visual Inspection:** Regularly check the screw for signs of corrosion, damage, or deformation.
- **Tightness Check:** Periodically verify that the screw remains securely tightened to its specified torque. Vibrations during equipment operation can sometimes cause fasteners to loosen over time.
- **Replacement:** If the screw shows any signs of wear, damage, or if its threads are stripped, replace it immediately with a new genuine Briggs & Stratton 691696 screw to prevent equipment malfunction or further damage.

6. TROUBLESHOOTING

If you encounter issues related to the 691696 screw, consider the following:

- **Loose Component:** If a component secured by the screw becomes loose, first check if the screw is properly tightened. If it is loose, re-tighten to the specified torque. If it repeatedly loosens, inspect the threads of both the screw and the receiving component for damage.
- **Stripped Threads:** If the screw's threads are stripped, it will not hold securely. Replace the screw. If the threads in the receiving component are stripped, professional repair or replacement of that component may be necessary.
- **Incorrect Part:** Ensure you are using the correct part number (691696) for your specific application. Using an incorrect screw can lead to improper fitment and potential equipment damage.
- **Difficulty in Installation:** If the screw does not thread smoothly, do not force it. Check for thread alignment, debris in the hole, or cross-threading.

7. SPECIFICATIONS

Specification	Detail
Brand	Briggs & Stratton
Model Number	691696
Replaces Part Numbers	94943, 557061, 691696
Material	Alloy Steel
Head Style	Socket

Specification	Detail
Fastener Size	1/4 in x 4 in
Thread Coverage	Partially Threaded
Set Screw Thread Type	Unified National Coarse (UNC)
Thread Style	Right Hand
Thread Class	2A
Item Weight	0.32 ounces (approx.)
Product Dimensions (L x W x H)	4 x 4 x 0.25 inches (approx.)
Number of Pieces	1
UPC	024847237283

8. WARRANTY AND SUPPORT

As a genuine Briggs & Stratton part, this screw is covered by the standard Briggs & Stratton warranty for replacement parts. For specific warranty details, claims, or technical support, please refer to the official Briggs & Stratton website or contact their customer service department.

Using genuine parts ensures that your equipment maintains its original performance and warranty coverage. For further assistance, you may visit the official Briggs & Stratton website:

www.briggsandstratton.com