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Briggs & Stratton 691758

Briggs & Stratton 691758 Push Rod Instruction Manual

Introduction

This manual provides essential information for the Briggs & Stratton 691758 Push Rod, a genuine replacement part designed to maintain the peak performance of your outdoor power equipment. Using genuine Briggs & Stratton parts ensures compatibility, optimal engine function, and compliance with applicable emission regulations.

Product Overview

The Briggs & Stratton 691758 Push Rod is a critical component within the engine's valve train system. It is designed to transmit motion from the camshaft to the rocker arm, which in turn opens and closes the engine valves. This specific part replaces older Briggs & Stratton part numbers 805617 and 691758.



A close-up view of the Briggs & Stratton 691758 Push Rod, a cylindrical metal component with rounded ends, designed for engine valve train operation.



The Briggs & Stratton 691758 Push Rod shown alongside an inch ruler, indicating its approximate length of 5.5 inches.

Specifications

- **Model Number:** 691758
- **Replaces Part Numbers:** 805617, 691758
- **Product Dimensions:** Approximately 6 x 6 x 0.25 inches (packaging dimensions)
- **Item Weight:** Approximately 0.352 ounces
- **Manufacturer:** Briggs & Stratton

Installation (Setup)

Installation of the Briggs & Stratton 691758 Push Rod requires mechanical aptitude and adherence to specific engine service procedures. It is crucial to consult your specific engine's service manual for detailed, step-by-step instructions, as procedures can vary by engine model.

General steps typically involve:

1. **Engine Disassembly:** Access the valve train by removing necessary engine covers and components.
2. **Old Push Rod Removal:** Carefully remove the damaged or old push rod. Inspect surrounding components for any additional damage.
3. **New Push Rod Installation:** Insert the new Briggs & Stratton 691758 Push Rod into its correct position.
4. **Valve Lash Adjustment:** This is a critical step. After installing the new push rod, the valve lash (the clearance between the valve stem and the rocker arm) must be adjusted to the manufacturer's precise specifications. Incorrect valve lash can lead to engine damage, poor performance, or repeated push rod failure. Refer to your engine's service manual for the exact valve lash settings and adjustment procedure.
5. **Reassembly:** Reassemble all engine components, ensuring all fasteners are tightened to the correct torque specifications.

If you are not confident in performing this procedure, it is highly recommended to seek assistance from a qualified service technician.

Maintenance

Regular maintenance of your engine, including periodic checks of valve clearances and inspection of valve train components, is essential for ensuring engine longevity and reliable operation. Always use genuine Briggs & Stratton parts for replacements to ensure compatibility, durability, and optimal performance.

Troubleshooting

If a push rod bends or fails, it often indicates an underlying issue within the engine. Addressing the root cause is essential to prevent recurring problems.

- **Bent Push Rod:** A bent push rod can be caused by a valve sticking in its guide, a piston contacting a valve, or incorrect valve lash. Inspect the valve, valve guide, and cylinder head for any signs of damage or obstruction.
- **Repeated Push Rod Failure:** If push rods repeatedly fail, verify that the valve lash is correctly set according to your engine's service manual. Also, check for proper lubrication and ensure no other valve train components are worn or damaged.

Safety Information

When working on any engine, always prioritize safety:

- **Disconnect Spark Plug:** Always disconnect the spark plug wire before performing any service or maintenance to prevent accidental engine starting.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment, such as safety glasses and gloves, to protect against injury.
- **Cool Engine:** Allow the engine to cool completely before handling any components, as hot parts can cause severe burns.
- **Ventilation:** Work in a well-ventilated area to avoid inhaling harmful fumes.

Warranty and Support

For specific warranty information regarding your Briggs & Stratton 691758 Push Rod or other genuine Briggs & Stratton parts, please refer to the official Briggs & Stratton website or the documentation provided with your engine. For technical support or assistance, contact Briggs & Stratton customer service. When contacting support, always have your engine's model and serial numbers available for accurate assistance.

You can find more information and support resources on the officialBriggs & Stratton Store.

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