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Briggs & Stratton 697122

Briggs & Stratton 697122 Intake Elbow Replacement Part Instruction Manual

Genuine Replacement Part for Outdoor Power Equipment

1. Introduction

This instruction manual provides essential information for the proper installation and maintenance of your Briggs & Stratton 697122 Intake Elbow Replacement Part. This genuine OEM part is designed to ensure optimal performance and compliance with emission regulations for your outdoor power equipment.

2. Safety Information

Always observe safety precautions when working with power equipment and replacement parts. Failure to follow these instructions may result in injury or damage to equipment.

- Ensure the engine is off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Refer to your equipment's original owner's manual for specific safety guidelines.

3. Product Overview

The Briggs & Stratton 697122 Intake Elbow is a critical component designed to connect the carburetor to the engine's intake manifold, ensuring proper air-fuel mixture delivery. This part is made from durable plastic and is manufactured to exact OEM standards.



Image 1: Briggs & Stratton 697122 Intake Elbow. This image shows the plastic intake elbow, a round component designed for connecting engine parts.

Key Features:

- Genuine OEM part for guaranteed fit and performance.
- Constructed from durable plastic material.
- Ensures proper air-fuel mixture delivery to the engine.

4. Installation Instructions

Follow these steps carefully to replace the intake elbow. If you are unsure about any step, consult a qualified service technician.

1. **Prepare the Engine:** Ensure the engine is completely off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Locate the Intake Elbow:** Identify the existing intake elbow, which connects the carburetor to the engine block. It is typically located between the carburetor and the engine's intake port.

3. **Remove Air Filter Assembly (if necessary):** Depending on your engine model, you may need to remove the air filter housing and possibly the carburetor to access the intake elbow. Refer to your engine's service manual for specific instructions.
4. **Disconnect Carburetor:** Carefully disconnect the carburetor from the intake elbow. This may involve removing mounting bolts or clamps. Note the position of any gaskets.
5. **Remove Old Intake Elbow:** Unbolt or unclamp the old intake elbow from the engine block. Remove any old gaskets or seals.
6. **Clean Mounting Surfaces:** Thoroughly clean the mounting surfaces on both the engine block and the carburetor to ensure a proper seal with the new elbow and gaskets. Remove any debris or old gasket material.
7. **Install New Intake Elbow:** Place a new gasket (if applicable and included) onto the engine block. Position the new Briggs & Stratton 697122 Intake Elbow onto the engine block and secure it with the appropriate bolts or clamps. Do not overtighten.
8. **Reattach Carburetor:** Place a new gasket (if applicable) between the intake elbow and the carburetor. Reattach the carburetor to the new intake elbow, securing it with its mounting hardware. Ensure all connections are snug but do not overtighten.
9. **Reassemble Air Filter Assembly:** Reinstall the air filter housing and any other components that were removed.
10. **Reconnect Spark Plug Wire:** Reconnect the spark plug wire.
11. **Test Engine:** Start the engine and check for any air leaks around the intake elbow. Listen for unusual noises or observe any changes in engine performance.

5. Maintenance

Regular inspection of the intake elbow can help prevent future issues. Check for cracks, deterioration, or loose connections during routine engine maintenance. Replace the intake elbow if any damage is observed to maintain optimal engine performance and prevent air leaks.

6. Troubleshooting

Symptom	Possible Cause	Solution
Engine runs rough or stalls	Air leak at intake elbow, cracked elbow	Inspect elbow and gaskets for damage; replace if necessary. Ensure proper torque on mounting bolts.
Difficulty starting engine	Air leak affecting fuel mixture	Check for proper sealing of the intake elbow and carburetor.
Engine lacks power	Improper air-fuel mixture due to elbow issue	Verify the intake elbow is securely installed and free from damage.

7. Specifications

Model Number: 697122

Brand: Briggs & Stratton

Material: Plastic

Item Dimensions (L x W x H): 3.38 x 2.78 x 4 inches

Item Weight: 0.353 ounces

Shape: Round

Country of Origin: United States

8. Warranty and Support

As a genuine Briggs & Stratton part, this intake elbow is designed to meet strict quality standards. For warranty information or technical support, please refer to the official Briggs & Stratton website or contact their customer service. Using genuine parts ensures compliance with applicable EPA emission regulations and maintains the integrity of your equipment's warranty.
For further assistance, visit the official Briggs & Stratton Store.

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