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Briggs & Stratton 594562

Briggs & Stratton 594562 Arrestor Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

Official logo of Briggs & Stratton, a leading manufacturer of engines and outdoor power equipment.

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Briggs & Stratton 594562 Arrestor. This is a genuine Original Equipment Manufacturer (OEM) part designed to ensure optimal performance and safety for compatible Briggs & Stratton engines.

Important Safety Information

Always read and understand all safety warnings and instructions before installing or servicing any engine component. Failure to do so could result in serious injury or property damage.

- Ensure the engine is turned off and cooled down before attempting any installation or maintenance.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- If you are unsure about any procedure, consult a qualified service technician.

Product Overview and Identification

The Briggs & Stratton 594562 Arrestor is a critical component designed to prevent the emission of hot carbon particles from the engine's exhaust system, reducing the risk of fire, especially in dry environments. It is an OEM replacement part, ensuring perfect fit and function.

Figure 1: Diagram illustrating the Briggs & Stratton 594562 Arrestor. This component is designed to fit into the exhaust system of compatible engines.

Figure 2: Important reminder to verify part compatibility. Always check your engine's model number to ensure this arrestor is the correct replacement part.

Installation Instructions

Follow these steps carefully to install the Briggs & Stratton 594562 Arrestor:

1. **Preparation:** Ensure the engine is completely cool and the spark plug wire is disconnected. Locate the existing arrestor or the designated mounting point on the exhaust system.
2. **Removal (if applicable):** If replacing an old arrestor, carefully remove any fasteners securing it. Dispose of the old part responsibly.
3. **Installation:** Position the new Briggs & Stratton 594562 Arrestor into place. Ensure it seats properly and aligns with any mounting holes.
4. **Securing:** Use the appropriate fasteners (not included, typically reused from the old part or specified by engine manual) to secure the arrestor firmly. Do not overtighten.
5. **Final Check:** Verify that the arrestor is securely attached and there are no loose connections. Reconnect the spark plug wire.

Refer to your specific engine's service manual for detailed diagrams and torque specifications, if available.

Operating Considerations

The arrestor operates passively as part of the engine's exhaust system. No specific user operation is required beyond proper installation and maintenance. Its function is to contain sparks and hot particles during engine operation.

Maintenance

Regular inspection and cleaning of the spark arrestor are crucial for maintaining engine performance and preventing fire hazards. A clogged spark arrestor can lead to reduced engine power and overheating.

Cleaning Procedure:

1. **Cool Down:** Ensure the engine is completely cool before beginning.
2. **Remove Arrestor:** Carefully remove the spark arrestor from the exhaust system as described in the installation steps.
3. **Clean:** Use a wire brush or similar tool to remove carbon deposits from the screen or internal components of the arrestor. Do not use solvents or liquids unless specifically recommended by Briggs & Stratton.
4. **Inspect:** Check the arrestor for any damage, cracks, or holes. Replace the part if it is damaged.
5. **Reinstall:** Reinstall the cleaned arrestor, ensuring it is securely fastened.

Frequency: Consult your engine's owner's manual for recommended cleaning intervals. Typically, this should be done every 25-50 hours of operation or annually, whichever comes first, especially if operating in dusty or high-carbon environments.

Troubleshooting

Symptom	Possible Cause	Solution

Symptom	Possible Cause	Solution
Reduced Engine Power	Clogged spark arrestor screen.	Clean the spark arrestor as per maintenance instructions.
Engine Overheating	Severely clogged spark arrestor restricting exhaust flow.	Clean or replace the spark arrestor. Ensure proper engine cooling.
Visible Sparks from Exhaust	Damaged or missing spark arrestor.	Inspect the arrestor for damage. Replace if necessary.

If troubleshooting steps do not resolve the issue, contact a certified Briggs & Stratton service center.

Specifications

Attribute	Detail
Part Number	594562
Manufacturer	Briggs & Stratton
Type	Genuine Original Equipment Manufacturer (OEM) Arrestor
Item Weight	2.46 ounces
Product Dimensions	0.39 x 0.39 x 0.39 inches
Vehicle Service Type	Vehicle with spark-producing engine
UPC	047282076033

Warranty and Support

As a genuine Briggs & Stratton OEM part, this arrestor is covered by the standard Briggs & Stratton warranty for replacement parts. Please refer to the official Briggs & Stratton website or your engine's owner's manual for specific warranty terms and conditions.

For technical support, service, or to locate an authorized service dealer, please visit the official Briggs & Stratton website or contact their customer service department. Always provide your engine's model and serial numbers when seeking support.

Briggs & Stratton Official Website: www.briggsandstratton.com

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