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Briggs & Stratton 792878

Briggs & Stratton Gas Cap 792878 User Manual

For 400 and 500 Series L-Head Engines

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Briggs & Stratton Gas Cap, model 792878. This genuine replacement part is designed to ensure optimal performance and safety for compatible engines.



Figure 1: Briggs & Stratton Gas Cap 792878. A black plastic gas cap with a threaded base and a textured grip on the top, designed for fuel tanks.

2. Compatibility

The Briggs & Stratton Gas Cap model 792878 is specifically designed for use with:

- Briggs & Stratton 400 Series L-Head Engines
- Briggs & Stratton 500 Series L-Head Engines

Ensure your engine model matches the specified series for proper fit and function. This cap is engineered to provide a secure seal and safer passage across rough surfaces due to its taller design.

3. Installation

Follow these steps to install the gas cap:

1. **Preparation:** Ensure the engine is cool and turned off. Remove any debris from around the fuel tank opening.
2. **Remove Old Cap:** Unscrew the existing gas cap from the fuel tank by turning it counter-clockwise.
3. **Install New Cap:** Place the new Briggs & Stratton Gas Cap 792878 onto the fuel tank opening. Turn it

clockwise until it is hand-tight. Do not overtighten.

4. **Verify Seal:** Ensure the cap is securely fastened to prevent fuel leaks and maintain proper engine ventilation.

4. Operation

The gas cap's primary function is to seal the fuel tank, preventing fuel spillage and evaporation, while also allowing for proper ventilation to maintain fuel flow. Its taller design contributes to safer operation when traversing uneven terrain.

- Always ensure the gas cap is securely tightened before operating the engine.
- Periodically check the cap for any signs of damage or wear that could compromise its sealing ability.

5. Maintenance

Regular maintenance of your gas cap ensures its longevity and proper function:

- **Cleaning:** Wipe the gas cap with a clean, damp cloth to remove dirt and fuel residue. Avoid using harsh chemicals that could damage the plastic.
- **Inspection:** Routinely inspect the cap for cracks, deformities, or damage to the threads and internal seal. A damaged cap should be replaced immediately to prevent fuel leaks and ensure safe operation.
- **Storage:** If the engine is stored for an extended period, ensure the gas cap is securely in place to prevent contaminants from entering the fuel tank.

6. Troubleshooting

If you encounter issues with your gas cap, consider the following:

- **Fuel Leakage:** If fuel leaks from around the cap, ensure it is tightened correctly. Inspect the cap and the fuel tank opening for any damage or debris that might prevent a proper seal. Replace the cap if it is damaged.
- **Engine Stalling/Poor Performance:** A faulty or improperly vented gas cap can sometimes cause engine issues by creating a vacuum in the fuel tank. Try loosening the cap slightly to see if performance improves. If so, the cap may need replacement.
- **Difficulty Removing/Installing:** Ensure the threads on both the cap and the fuel tank are clean and free of debris. Do not force the cap.

7. Specifications

Feature	Detail
Brand	Briggs & Stratton
Model Number	792878
Material	Plastic
Color	Multi (typically black)
Item Dimensions (L x W x H)	5 x 7 x 1.88 inches

Feature	Detail
Item Weight	1.6 ounces
UPC	024847382853
ASIN	B0012VW6S0

8. Safety Information

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always handle fuel and fuel system components with care and in well-ventilated areas. Wash hands thoroughly after handling.

Always refer to your engine's specific owner's manual for complete safety guidelines related to fuel handling and engine operation.

9. Warranty and Support

For information regarding warranty coverage or technical support for your Briggs & Stratton Gas Cap 792878, please refer to the official Briggs & Stratton website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the official Briggs & Stratton store for more information:Briggs & Stratton Store

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