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Briggs & Stratton 593910

Briggs & Stratton 593910 Fuel Tank Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

Introduction

This instruction manual provides essential information for the proper installation, use, and maintenance of your Briggs & Stratton 593910 Fuel Tank. This is a genuine Original Equipment Manufacturer (OEM) replacement part designed for specific Briggs & Stratton engines and equipment. Please read this manual thoroughly before attempting any installation or service.

Image: Briggs & Stratton 593910 Fuel Tank. This image displays the complete fuel tank assembly, including the tank body, fuel cap, and any integrated fittings. It is a black plastic tank with a white fuel cap.

Safety Information

Always prioritize safety when handling fuel and working with engine components. Failure to follow safety instructions can result in serious injury or property damage.

- **Fuel is Flammable:** Handle fuel in a well-ventilated area, away from sparks, open flames, or other ignition sources. Do not smoke while handling fuel.
- **Eye Protection:** Always wear appropriate eye protection when working with fuel or engine parts.

- **Gloves:** Wear fuel-resistant gloves to prevent skin contact.
- **Engine Cool Down:** Allow the engine to cool completely before attempting to remove or install the fuel tank. Hot engine parts can cause burns.
- **Proper Disposal:** Dispose of old fuel and fuel tank components according to local regulations.
- **Professional Installation:** If you are unsure about any step, consult a qualified service technician.

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Installation Instructions

This section outlines the general steps for replacing a fuel tank. Specific procedures may vary depending on your equipment model. Refer to your equipment's service manual for detailed instructions.

1. **Prepare the Equipment:** Ensure the engine is off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Drain Old Fuel:** Carefully drain any remaining fuel from the old tank into an approved container.
3. **Disconnect Fuel Lines:** Locate and disconnect the fuel lines from the old tank. Be prepared for residual fuel leakage.
4. **Remove Old Tank:** Unfasten any mounting bolts, straps, or clamps securing the old fuel tank to the equipment chassis. Remove the old tank.
5. **Inspect New Tank:** Before installation, visually inspect the new Briggs & Stratton 593910 Fuel Tank for any damage or defects.
6. **Install New Tank:** Position the new fuel tank in its designated location. Secure it using the original mounting hardware. Ensure it is firmly seated and does not wobble.
7. **Connect Fuel Lines:** Reconnect the fuel lines to the new tank, ensuring all connections are secure and free of leaks. Use new clamps if necessary.
8. **Refill with Fuel:** Fill the new tank with fresh, appropriate fuel as specified by your equipment manufacturer.
9. **Check for Leaks:** After refilling, carefully inspect all fuel connections for any signs of leakage. Address any leaks immediately.
10. **Reconnect Spark Plug:** Reconnect the spark plug wire.
11. **Test Operation:** Start the engine and allow it to run for a few minutes, checking again for any fuel leaks.

Operating Considerations

While the fuel tank itself does not have operational controls, proper fuel management is crucial for engine performance and safety.

- **Fuel Type:** Always use the type of fuel recommended by your engine manufacturer. Using incorrect fuel can damage the engine and fuel system.
- **Fuel Storage:** Store fuel in approved containers, away from direct sunlight and heat sources.
- **Fuel Cap:** Ensure the fuel cap is securely tightened after refueling to prevent spills and evaporation.
- **Avoid Overfilling:** Do not overfill the fuel tank. Leave space for fuel expansion.

Maintenance

Regular inspection and maintenance of your fuel tank can extend its lifespan and ensure safe operation.

- **Visual Inspection:** Periodically inspect the fuel tank for cracks, leaks, or signs of deterioration. Check fuel lines for brittleness or damage.
- **Cleanliness:** Keep the exterior of the fuel tank clean to prevent dirt and debris from entering the fuel system.
- **Fuel Cap Seal:** Ensure the fuel cap seal is intact and provides a tight closure. Replace if damaged.

- **Fuel Filter:** If your equipment has an in-tank fuel filter, inspect and replace it according to your engine manufacturer's recommendations.

Troubleshooting

This section addresses common issues related to the fuel tank. For engine-specific problems, consult your engine's service manual.

Problem	Possible Cause	Solution
Fuel Leakage	Loose fuel line connections, cracked tank, damaged fuel cap seal.	Tighten connections, replace damaged tank or seal.
Engine Not Getting Fuel	Empty tank, clogged fuel filter, kinked fuel line.	Refill tank, replace fuel filter, straighten fuel line.
Fuel Cap Difficult to Remove/Install	Cross-threaded cap, debris in threads, damaged cap.	Clean threads, ensure proper alignment, replace cap if damaged.

Specifications

Key specifications for the Briggs & Stratton 593910 Fuel Tank.

- **Part Number:** 593910
- **Type:** Fuel Tank
- **Manufacturer:** Briggs & Stratton
- **Compatibility:** Genuine OEM replacement part for specific Briggs & Stratton engines/equipment. Refer to your equipment's parts list for verification.
- **Item Weight:** Approximately 4.3 pounds (1.95 kg)
- **UPC:** 047282046869

Warranty and Support

For warranty information regarding this genuine Briggs & Stratton part, please refer to the warranty documentation provided with your original equipment or contact Briggs & Stratton customer support directly. As an OEM part, it is typically covered under the original equipment's warranty terms for replacement parts.
For technical assistance or to locate authorized service centers, visit the official Briggs & Stratton website or contact their customer service department.

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