

Hipa 192980GS

Hipa 192980GS Fuel Shut Off Valve and Fuel Filter Kit Instruction Manual

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Hipa 192980GS Fuel Shut Off Valve and Fuel Filter Kit. This kit is designed to replace original parts in various portable generators and pressure washers, ensuring proper fuel flow control and filtration.

Package Contents:

- 1 x Fuel Shut Off Valve
- 1 x Fuel Tank Bushing Grommet
- 1 x Fuel Filter
- 2-feet Fuel Line

Compatibility:

This kit replaces Briggs & Stratton part numbers 192980GS, 78299GS, 80270GS, and Kohler part numbers 25 462 03-S, 25 462 03. It is compatible with various models including:

- Craftsman, Snapper, Troy-Bilt portable generators (3250, 3500, 3550, 3750, 5000, 5250, 5500, 5600, 6200, 7500, 8000 watt models)
- Craftsman pressure washers (2500, 2700, 2900 PSI models, e.g., 580752352, 580752160, etc.)
- Coleman generators (4000XL, 6500XL, 7500EXL, 7000EXL, 4000GCX, 5500GCX, 6500GCX, 10000EXL, 4000GCXE, 5500GCXE, 6500GCXE, 4KW, 5.5KW, 6.5KW, 10KW models)
- Kohler engines (CH11, CH12.5, CH13, CH14, CH15, CH410, CH430, CH450, CH5, CH6, CV460, M10, M12, M14, M16, TH16, TH18)

Always verify your engine model and part numbers before purchasing to ensure compatibility.



CROSS REFERENCE

Briggs & Stratton ●
 192980GS 78299 78299GS 80270
 80270GS
 Generac 192980GS

Kohler ●
 25 462 03-S

Oregon ●
 07-407

Rotary ●
 13116

Briggs & Stratton ●
 677-0 1678-0 030210-1 030210-2 030211-0 030211-1
 030214-0 030215-0 030215-1 030216-0 Portable Generator

Generac ●
 4000XL 6500XL 7550EXL 7500EXL 7000EXL 4000GCX
 5500GCX 6500GCX 10000EXL 4000GCXE 5500GCXE
 6500GCXE Generator

Kohler ●
 M10 M12 Magnum Series Engine

Image 1.1: Hipa 192980GS Fuel Shut Off Valve and Filter Kit with cross-reference compatibility list.

2. PRODUCT OVERVIEW AND FEATURES

The Hipa 192980GS kit provides essential components for managing and filtering fuel in small engines. The fuel shut-off valve allows manual control over fuel flow, while the integrated filter ensures clean fuel delivery to the engine.

Key Features:

- **Manual Fuel System Control:** Enables easy shut-off of fuel flow, preventing leaks and facilitating engine maintenance and storage.
- **High Performance:** Constructed with durable nylon body, leak-proof rubber O-ring, offering temperature tolerance, corrosion resistance, and long lifespan.
- **Premium Nylon Mesh Filter:** Designed for low fuel flow resistance, trapping up to 99% of harmful particles, and providing superior dirt absorption capacity.

MANUAL FUEL SYSTEM CONTROL



Prevent fuel
leaks



Preventing Fire
Hazards



Easier engine
maintenance



Convenient Engine
Storage

Image 2.1: Manual Fuel System Control benefits.

HIGH PERFORMANCE



Image 2.2: High Performance features of the valve.

PREMIUM NYLON MESH MATERIAL

- Low Fuel Flow Resistance
- Traps 99% Harmful Particles
- Superior Dirt Absorption Capacity



Image 2.3: Premium Nylon Mesh Material for effective filtration.

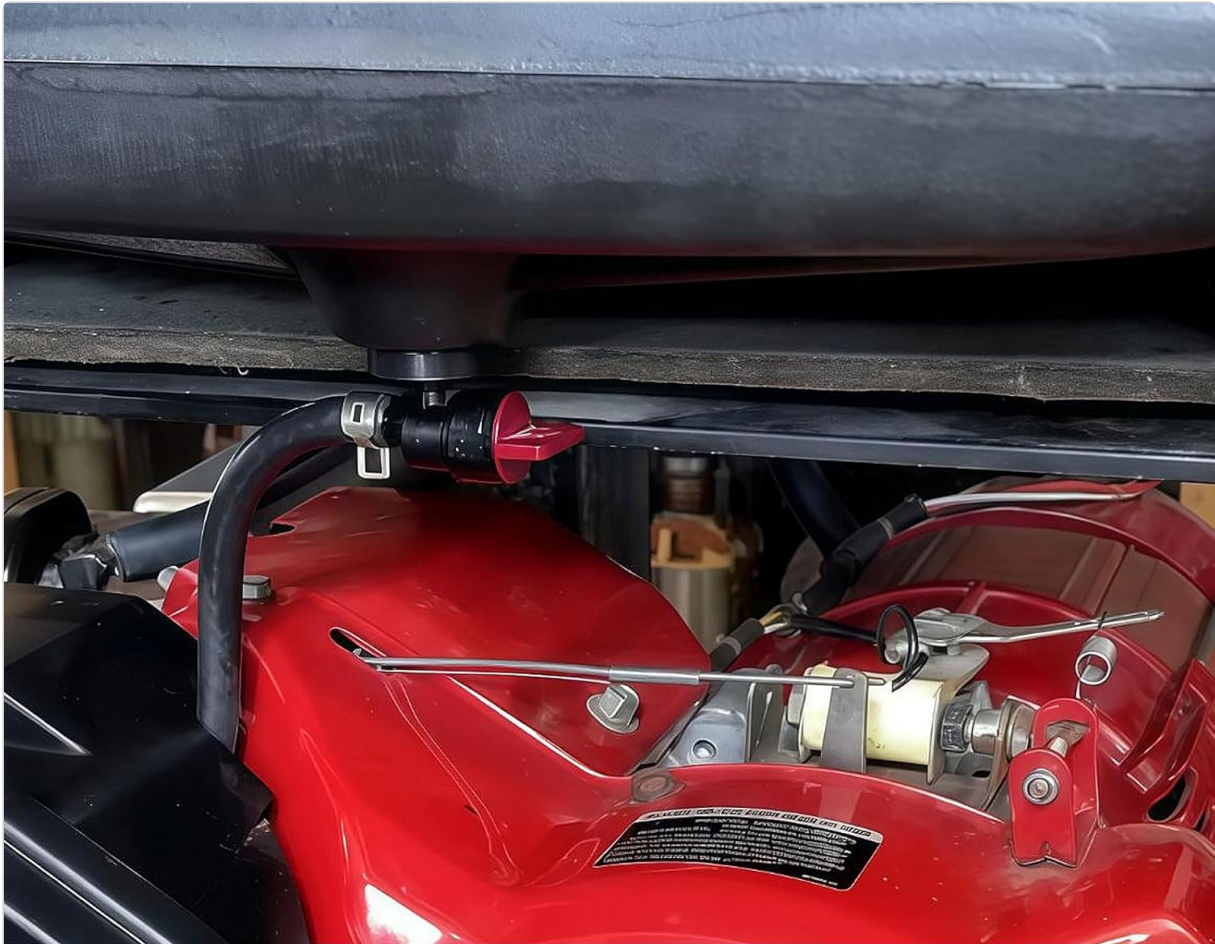
3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your fuel system. Always ensure the engine is cool and disconnected from any power source before beginning installation.

Installation Steps:

1. **Drain Fuel Tank:** Completely drain the fuel tank of your equipment.
2. **Remove Old Components:** Carefully remove the old fuel shut-off valve, grommet, and fuel line. Be prepared for any residual fuel.
3. **Install New Grommet:** Insert the new rubber bushing grommet into the fuel tank opening. Ensure it is seated firmly to prevent leaks.
4. **Install Fuel Shut Off Valve:** Push the fuel shut-off valve into the grommet. Apply a small amount of lubricant (like Vaseline) to the valve stem to ease insertion. Ensure the filter end of the valve goes all the way into the tank.
5. **Connect Fuel Line:** Attach the new fuel line to the valve and secure it with the provided clamps. Ensure the valve's arrow points towards the carburetor.
6. **Install Fuel Filter (if separate):** If your setup requires an inline fuel filter, install it in the fuel line between the tank and the carburetor, ensuring the flow direction is correct.

7. **Refill Fuel Tank:** Carefully refill the fuel tank and check for any leaks.



EASY TO INSTALL

Ensure the valve's arrow points toward the carb

Image 3.1: Easy installation of the fuel shut-off valve on an engine.

Installation Videos:

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Video 3.1: Demonstration of the Strongthium 192980GS 90 Degree Fuel Shut Off Valve, showing its components and function.

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Video 3.2: Overview of the BlueStars 192980GS 90 Degree Fuel Shut Off Valve kit components.

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Video 3.3: Detailed look at the 192980GS Fuel Shut Off Valve Service Kit components.

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Video 3.4: Demonstration of the CARBBIA 192980GS 90 Degree Fuel Gas Shut Off Valve.

4. OPERATING INSTRUCTIONS

The fuel shut-off valve provides simple control over the fuel supply to your engine.

Turning Fuel ON/OFF:

- **To Turn Fuel ON:** Rotate the red lever on the valve to the 'ON' position. This aligns the valve to allow fuel to flow from the tank to the engine.
- **To Turn Fuel OFF:** Rotate the red lever to the 'OFF' position. This blocks the fuel flow, preventing fuel from reaching the engine.

PRECISE CONTROL OF FUEL FLOW

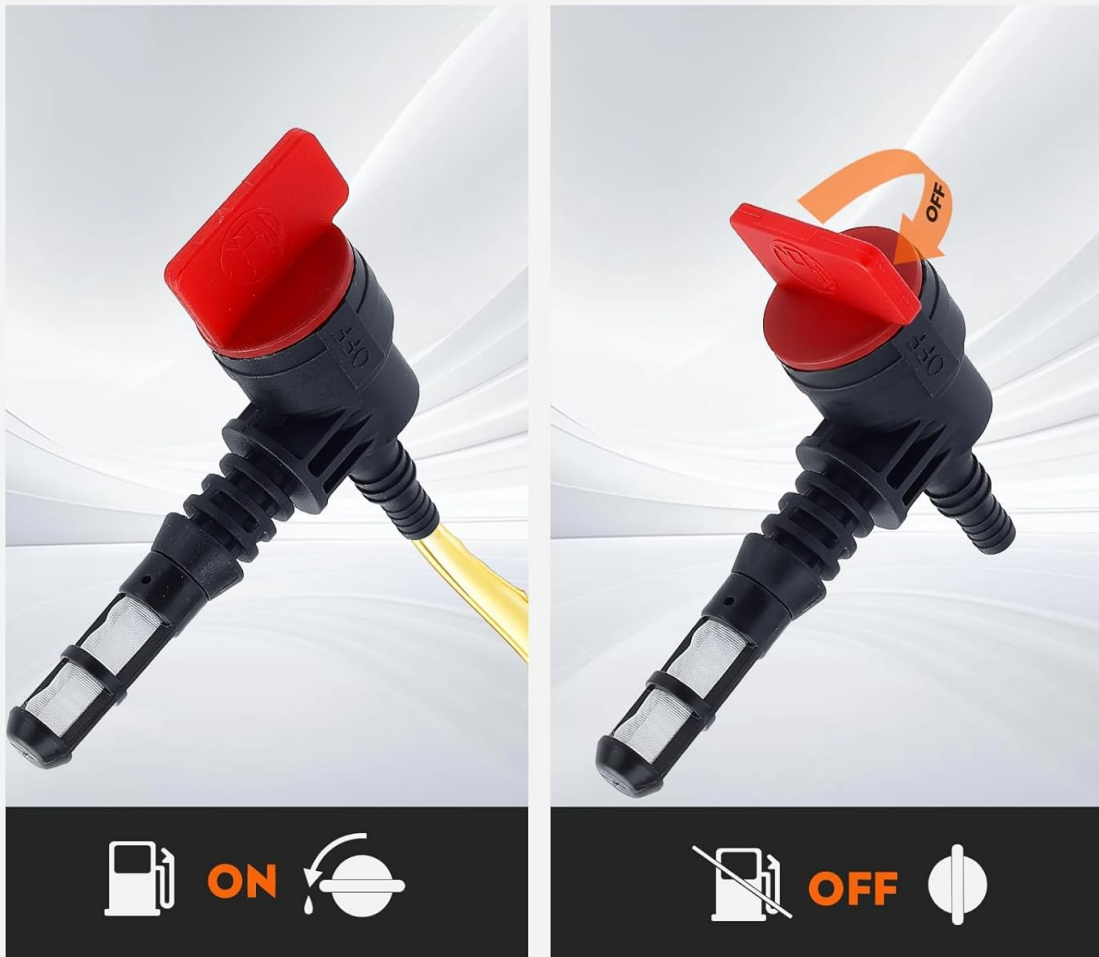


Image 4.1: Precise control of fuel flow with ON/OFF positions.

Long-Term Storage:

For long-term storage of your equipment, always turn the fuel shut-off valve to the 'OFF' position. This helps prevent engine flooding, fuel dilution, and hydraulic lock, protecting your engine from potential damage.

PROTECT YOUR ENGINE IN LONG-TERM STORAGE

Easily Prevent Engine flood, Dilution and Hydraulic lock



Image 4.2: Protecting your engine during long-term storage.

5. MAINTENANCE

Regular maintenance of your fuel system components ensures optimal performance and extends the life of your equipment.

Fuel Filter:

- The integrated fuel filter is designed to trap debris and contaminants before they reach your engine.
- Inspect the fuel filter periodically for signs of clogging or excessive dirt accumulation.
- Replace the fuel filter as needed, or as part of your equipment's recommended maintenance schedule, to maintain optimal fuel flow and engine protection.

Fuel Shut Off Valve and Grommet:

- Check the fuel shut-off valve and the rubber grommet for any signs of wear, cracking, or fuel leaks.
- If any damage or leaks are observed, replace the components immediately to prevent fuel loss and potential hazards.

6. TROUBLESHOOTING

If you experience issues with your fuel system after installing the Hipa 192980GS kit, consider the following:

- **Fuel Leakage:** Ensure the rubber grommet is properly seated in the fuel tank and the valve is fully inserted. Check all fuel line connections and clamps for tightness.
- **No Fuel Flow:** Verify the fuel shut-off valve is in the 'ON' position. Check the fuel filter for clogging and replace if necessary. Ensure the fuel line is not kinked or obstructed.
- **Engine Running Poorly:** A clogged fuel filter can restrict fuel flow, leading to poor engine performance. Replace the filter if it appears dirty.

If problems persist, consult a qualified service technician or refer to your equipment's specific service manual.

7. SPECIFICATIONS

Feature	Detail
Brand	Hipa
Model Number	192980GS
Product Grade	Replacement Part
Outer Material	Metal or Plastic
Vehicle Service Type	Portable Generators, Pressure Washers
Fuel Line Compatibility	1/4" I.D. Fuel Lines
Item Weight	5.3 ounces
Package Dimensions	4.88 x 3.9 x 3.86 inches

COMPATIBLE WITH 1/4" I.D. FUEL LINES

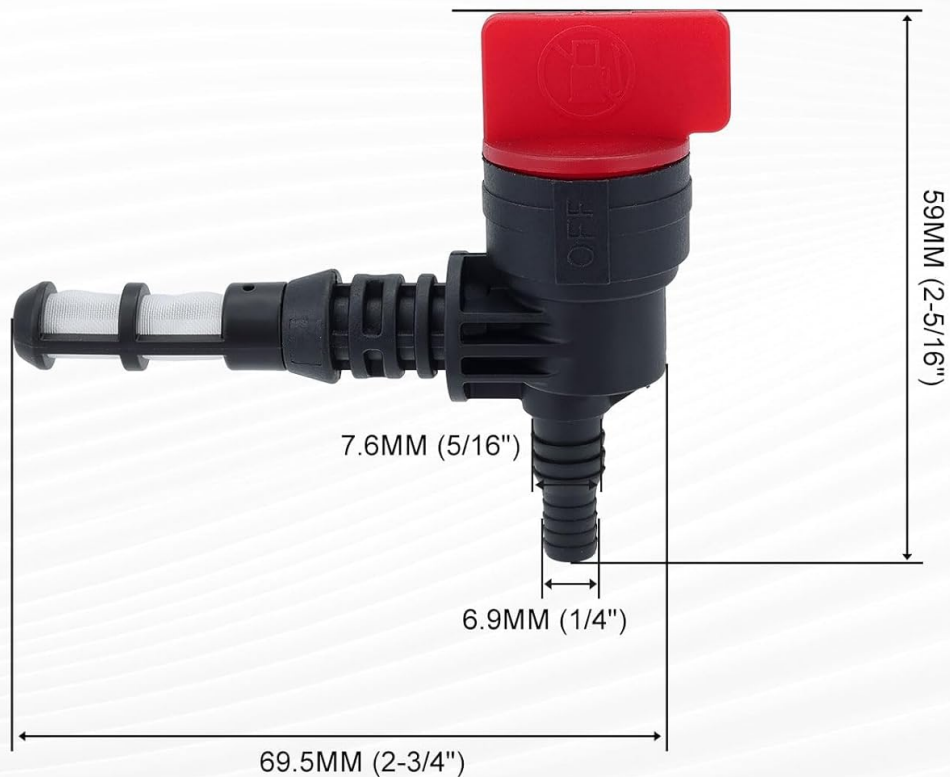


Image 7.1: Dimensions and fuel line compatibility.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Hipa 192980GS Fuel Shut Off Valve and Fuel Filter Kit, please contact the manufacturer directly through their official website or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.