



Manuals.plus /

- › Rotary /
- › Rotary 5841 1/4-inch In-Line Cut-Off Valve Instruction Manual

## Rotary 5841

# Rotary 5841 1/4-inch In-Line Cut-Off Valve Instruction Manual

Model: 5841

## PRODUCT OVERVIEW

---

The Rotary 5841 is a universal 1/4-inch in-line cut-off valve designed for gravity feed fuel systems. This valve provides a reliable mechanism to control fuel flow, essential for maintenance or storage of small engines and equipment. It is compatible with various brands, including Briggs & Stratton, John Deere, Toro, and Snapper/Kees.



Image of the Rotary 5841 1/4-inch In-Line Cut-Off Valve, showing its black body, two 1/4-inch barbed connections, and a red quarter-turn handle.

## COMPATIBILITY

---

This valve is a direct replacement for the following original equipment manufacturer (OEM) part numbers:

- **Briggs & Stratton:** 494768, 5091, 697947, 698183
- **John Deere:** AM107340, AM36141
- **Toro:** 1-603770, 54-3150
- **Snapper/Kees:** 2-4507, 3-4212, 7034212, 7034212Yp

## SETUP AND INSTALLATION

---

Proper installation ensures safe and effective operation. Always refer to your equipment's service manual for specific fuel line routing and safety precautions.

1. **Safety First:** Ensure the engine is cool and disconnect the spark plug wire to prevent accidental starting. Work in a well-ventilated area and have a fire extinguisher nearby.
2. **Drain Fuel:** If replacing an existing valve, drain all fuel from the fuel tank into an approved container.
3. **Remove Old Valve (if applicable):** Carefully cut or disconnect the fuel lines from the old valve. Be prepared for residual fuel.

4. **Prepare New Valve:** The Rotary 5841 valve is designed for 1/4-inch fuel lines. Ensure your fuel lines are compatible.
5. **Connect Fuel Lines:** Slide one end of the fuel line onto one barbed connection of the new valve. Secure it with a fuel line clamp (Rotary #5905 or equivalent, not included). Repeat for the other fuel line and barbed connection. Ensure a tight, leak-free seal.
6. **Position Valve:** Install the valve in an accessible location in the fuel line, typically between the fuel tank and the carburetor, ensuring the flow direction is correct (if indicated on the valve).
7. **Refill Fuel:** Once installed, refill the fuel tank with the appropriate fuel type.
8. **Check for Leaks:** Before starting the engine, thoroughly inspect all connections for any fuel leaks. Tighten clamps if necessary.
9. **Reconnect Spark Plug:** Reconnect the spark plug wire.

**Note:** This valve is intended for gravity feed fuel systems only. Do not use with pressurized fuel systems.

## OPERATING INSTRUCTIONS

---

The Rotary 5841 valve features a simple quarter-turn handle for operation.

- **To Open (Fuel Flow ON):** Turn the red handle so that it is aligned with the direction of the fuel line. This position allows fuel to flow freely through the valve.
- **To Close (Fuel Flow OFF):** Turn the red handle 90 degrees (perpendicular) to the direction of the fuel line. This position stops the flow of fuel.

Always ensure the valve is in the "ON" position before attempting to start your engine. Turn the valve to the "OFF" position when storing equipment for extended periods or performing maintenance.

## MAINTENANCE

---

Regular inspection of your fuel system components, including the cut-off valve, can prevent issues and ensure reliable operation.

- **Visual Inspection:** Periodically check the valve and surrounding fuel lines for signs of wear, cracks, hardening, or leaks.
- **Cleanliness:** Keep the valve and fuel line area free from dirt, debris, and fuel spills.
- **Functionality Check:** Ensure the handle turns smoothly between the "ON" and "OFF" positions and that it holds its position securely.
- **Replacement:** If any damage, excessive wear, or persistent leaks are observed, replace the valve immediately.

## TROUBLESHOOTING

---

If you encounter issues related to fuel flow, consider the following troubleshooting steps:

- **No Fuel Flow:**
  - Ensure the valve handle is in the "ON" position (aligned with the fuel line).
  - Check for kinks or blockages in the fuel line before and after the valve.
  - Verify there is sufficient fuel in the tank.
- **Fuel Leaks:**
  - Inspect the connections at both ends of the valve. Ensure fuel line clamps are properly

tightened.

- Check the fuel lines themselves for cracks or damage.
- If the leak originates from the valve body, the valve may be faulty and require replacement.

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

## SPECIFICATIONS

---

<b>Model Number</b>	5841
<b>Connection Size</b>	1/4 inch (0.25 inches)
<b>Material</b>	Brass (internal components), Plastic (body and handle)
<b>Number of Ports</b>	2
<b>Exterior Finish</b>	Stainless Steel
<b>Item Weight</b>	0.32 ounces
<b>Product Dimensions (L x W x H)</b>	1 x 1 x 1 inches (approximate)
<b>Application</b>	Gravity Feed Fuel Systems

## WARRANTY AND SUPPORT

---

For specific warranty information or technical support regarding your Rotary 5841 1/4-inch In-Line Cut-Off Valve, please contact Rotary customer service or the retailer from whom the product was purchased. Keep your proof of purchase for warranty claims.