

Hayward SPX0603S

Hayward SPX0603S Spring Replacement Instruction Manual

Brand: Hayward | Model: SPX0603S

1. INTRODUCTION

The Hayward SPX0603S Spring is a genuine replacement component designed for use in various Hayward Multiport Valves and Filter systems. This spring is crucial for the proper operation of the valve, ensuring correct sealing and functionality across different settings. It is engineered to meet the original specifications of Hayward equipment, providing reliable performance and extending the lifespan of your pool's filtration system.

Compatibility: This spring is compatible with Hayward Multiport Valves models SP0710, SP0710X, SP0711, SP0712 1-1/2-inch, SP0715, SP0716 2-inch, SP0704, 1-1/2-inch, and SP0740DE 2-inch. It also fits Hayward Multiport Valve Kit Mount and Sand Filter, Multiport Valve models HCV20715, SP071620T, SP0710XALL, and S220T2.

2. SAFETY INFORMATION

Always prioritize safety when working with pool equipment. Failure to follow these instructions can result in serious injury or property damage.

- **Disconnect Power:** Before performing any maintenance or installation, ensure the pool pump and all associated electrical equipment are turned off at the circuit breaker.
- **Relieve Pressure:** Open the air relief valve on the filter to release any trapped air and pressure from the system.
- **Drain Water:** If necessary, drain water from the filter tank and plumbing lines to prevent spills and facilitate access.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection.
- **Consult a Professional:** If you are unsure about any step or encounter difficulties, contact a qualified pool service technician.

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- 1 x Hayward SPX0603S Spring Replacement



Image: The Hayward SPX0603S replacement spring, a coiled metal component.

4. INSTALLATION INSTRUCTIONS

This section outlines the general procedure for replacing the spring in a compatible Hayward Multiport Valve. Specific valve designs may vary, so always refer to your valve's specific manual for detailed disassembly and reassembly instructions.

1. Prepare the System:

- Turn off the pool pump and all electrical power to the filtration system at the main breaker.
- Open the air relief valve on the filter tank to release any pressure.
- If your valve has a sight glass, ensure it is clear of water.

2. Access the Multiport Valve Internals:

- Depending on your valve model, you may need to remove screws or clamps securing the top handle assembly to the valve body.
- Carefully lift the handle assembly, exposing the internal components, including the diverter and the spring.

3. Remove the Old Spring:

- Locate the existing spring, which is typically positioned around the diverter shaft.
- Carefully remove the old spring. Note its orientation and how it interacts with the diverter and valve body.

4. Inspect and Clean:

- While the valve is open, inspect the diverter, spider gasket, and other seals for any signs of wear, cracks, or damage. Replace any worn components as needed.
- Clean any debris or sand from the valve body and internal parts.

5. Install the New SPX0603S Spring:

- Place the new Hayward SPX0603S spring onto the diverter shaft, ensuring it is seated correctly. The spring provides the necessary tension for the diverter to seal properly against the spider gasket.

6. Reassemble the Multiport Valve:

- Carefully lower the handle assembly back onto the valve body, ensuring the diverter aligns

correctly with the ports and the spring compresses evenly.

- Secure the handle assembly with the screws or clamps that were removed earlier. Tighten them evenly to ensure a proper seal.

7. Restore System Operation:

- Close the air relief valve.
- Restore electrical power to the pool pump.
- Check for any leaks around the multiport valve. If leaks occur, turn off the pump, relieve pressure, and re-check the assembly and seating of all components.



Video: Overview of a Hayward Vario-Flo Multiport Valve and its components, demonstrating the parts involved in a replacement kit. This video provides context for the spring's location and function within the valve assembly.

5. OPERATING THE MULTIPORT VALVE AFTER SPRING REPLACEMENT

After successfully replacing the spring, the multiport valve should operate smoothly. Ensure the handle moves freely between positions (Filter, Backwash, Rinse, Waste, Recirculate, Closed) and locks securely into each setting. The spring's function is to maintain consistent pressure on the diverter, ensuring a tight seal and preventing water bypass or leaks between ports.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and efficiency of your Hayward Multiport Valve and the newly installed spring.

- **Periodic Inspection:** Annually inspect the multiport valve for any signs of wear, especially around the handle and where it connects to the valve body.
- **Gasket and Seal Check:** The spider gasket and other O-rings within the valve are critical for proper sealing. If you notice any leaks or reduced performance, these components should be inspected and replaced if worn. It is often recommended to replace these when replacing the spring.
- **Lubrication:** Periodically lubricate O-rings and gaskets with a silicone-based lubricant designed for pool equipment to maintain their flexibility and sealing properties.

7. TROUBLESHOOTING

If you encounter issues after replacing the spring, consider the following common problems and solutions:

Issue	Possible Cause	Solution
Water leaking from the valve handle or waste port.	Improperly seated spring, worn spider gasket, or damaged O-rings.	Ensure the spring is correctly installed and providing adequate tension. Inspect and replace the spider gasket and O-rings if damaged.
Difficulty rotating the valve handle between positions.	Spring not seated correctly, debris obstructing movement, or lack of lubrication.	Verify spring installation. Clean any debris from the valve. Lubricate O-rings and moving parts with silicone lubricant.

Issue	Possible Cause	Solution
Poor filtration or water returning to the pool during backwash.	Diverter not sealing properly due to spring issue or worn spider gasket.	Check spring tension and ensure the diverter is making full contact with the spider gasket. Replace the spider gasket if necessary.

8. SPECIFICATIONS



- **Model:** SPX0603S
- **Type:** Replacement Spring
- **Weight:** Approximately 0.32 ounces
- **Material:** Durable metal construction for pool environments.
- **Compatibility:** Designed for various Hayward Multiport Valves and Filter systems (refer to Introduction for full list).


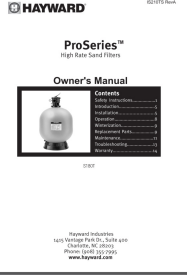


9. WARRANTY AND SUPPORT

For specific warranty information regarding your Hayward SPX0603S Spring Replacement, please refer to the original product packaging or contact Hayward customer service directly. Hayward is committed to providing quality products and support.

Hayward Customer Service: For technical assistance, troubleshooting, or warranty claims, please visit the official Hayward website or contact their customer support line. Ensure you have your product model number (SPX0603S) available when contacting support.

Related Documents - SPX0603S

	<p>Hayward VariFlo Multiport 2-Inch Filter Control Valve Owner's Manual SP0715X62 for Sand Filters</p> <p>Comprehensive owner's manual for the Hayward VariFlo Multiport 2-inch Filter Control Valve (Model SP0715X62) designed for sand filters. Includes installation, operation, maintenance, and critical safety instructions for pool and spa systems.</p>
	<p>Hayward VariFlo Multiport 1 1/2" Filter Control Valve SP0710X62 Owner's Manual</p> <p>Comprehensive owner's manual for the Hayward VariFlo Multiport 1 1/2" Filter Control Valve (Model SP0710X62). Includes installation, operation, maintenance, safety warnings, parts list, and warranty information for pool and spa filtration systems.</p>

	<p>Hayward SwimClear Cartridge Filter Owner's Manual</p> <p>This owner's manual provides comprehensive instructions for the Hayward SwimClear™ cartridge filter, covering installation, operation, maintenance, safety guidelines, and troubleshooting for optimal pool and spa water filtration.</p>
	<p>Hayward ProSeries High Rate Sand Filters Owner's Manual</p> <p>Comprehensive owner's manual for Hayward ProSeries High Rate Sand Filters, covering installation, operation, maintenance, troubleshooting, and parts. Essential guide for pool owners.</p>
	<p>Hayward Heat Pump Installation and Operation Manual for In-Ground Pools & Spas</p> <p>Comprehensive guide for installing, operating, and maintaining Hayward Heat Pumps for in-ground pools and spas. Covers safety, setup, electrical wiring, operation, maintenance, troubleshooting, and replacement parts.</p>
	<p>Hayward OmniLogic Operation Manual: Pool Automation and Chlorination</p> <p>Comprehensive operation manual for the Hayward OmniLogic pool automation and chlorination system. Learn about setup, features, controls, and maintenance.</p>