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› [Hayward SPX2600E5 Seal Plate Replacement Manual for Superpump and MaxFlo Pumps](#)

## Hayward SPX2600E5

# Hayward SPX2600E5 Seal Plate Replacement Manual

For Hayward Superpump and MaxFlo Pump Series

## 1. INTRODUCTION

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This manual provides essential information for the installation, maintenance, and troubleshooting of the Hayward SPX2600E5 Seal Plate. This component is a direct replacement part designed to restore optimal performance to compatible Hayward Superpump and MaxFlo pump models. Please read these instructions thoroughly before proceeding with any installation or maintenance.

## 2. PRODUCT OVERVIEW

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The Hayward SPX2600E5 is a critical seal plate component for Hayward pool pumps. Its primary function is to provide a secure housing for the pump's mechanical seal, preventing water leaks and ensuring efficient operation of the pump's motor and impeller assembly. Made from durable plastic, this replacement part is engineered to meet original equipment specifications.



Figure 1: Hayward SPX2600E5 Seal Plate. This image shows the replacement seal plate, a crucial component for maintaining the integrity and efficiency of your pool pump by housing the mechanical seal.

### 3. COMPATIBILITY

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The SPX2600E5 Seal Plate is compatible with the following Hayward pump series and models:

- **Hayward Superpump SP2600X Series:**

- SP2600X5
- SP2605X7
- SP2607X10
- SP2607EE
- SP2610X15
- SP2615X20
- SP2621X25

- **Hayward MaxFlo SP2800X Series:**

- SP2800X5
- SP2805X7
- SP2807X10
- SP2810X15
- SP2815X20

This seal plate is designed for pumps with a capacity ranging from 1/2 through 2-Horsepower.

### 4. INSTALLATION AND SETUP

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**Safety First:** Before beginning any work on your pump, ensure the power supply to the pump is completely disconnected at the circuit breaker. Failure to do so can result in serious injury or death.

1. **Drain the Pump:** Ensure the pump is drained of all water.
2. **Disassemble the Pump:** Carefully remove the pump housing, diffuser, and impeller to access the old seal plate and mechanical seal. Note the orientation of all components during disassembly.
3. **Remove Old Seal Plate and Seal:** Detach the old seal plate. Remove the old mechanical seal components from both the motor shaft and the old seal plate. It is crucial to replace the mechanical seal whenever the seal plate is replaced to ensure a watertight seal.
4. **Clean Surfaces:** Thoroughly clean all mating surfaces on the pump housing and motor to ensure a proper seal with the new components.
5. **Install New Mechanical Seal:** Install the new mechanical seal according to the instructions provided with the seal kit. Ensure the ceramic and carbon faces are clean and free of debris.
6. **Install New Seal Plate:** Position the new Hayward SPX2600E5 Seal Plate onto the pump, aligning it correctly with the motor and pump housing.
7. **Reassemble the Pump:** Reinstall the impeller, diffuser, and pump housing, ensuring all gaskets and O-rings are properly seated and lubricated with a silicone-based lubricant. Tighten all fasteners securely but do not overtighten.
8. **Test for Leaks:** Once reassembled, restore power to the pump and prime it. Carefully inspect for any leaks around the seal plate area. If leaks are present, immediately shut off power and re-check the installation.

**Note:** *It is highly recommended to replace the mechanical seal and any associated gaskets/O-rings when replacing the seal plate to prevent future leaks and ensure optimal pump performance.*

## 5. OPERATION

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The seal plate itself does not have operational controls. Its function is passive, providing a structural component for the pump. Proper installation ensures the pump operates efficiently without leaks. Refer to your specific Hayward pump's instruction manual for detailed operational procedures.

## 6. MAINTENANCE

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Regular maintenance of your pool pump system will extend the life of all components, including the seal plate.

- **Inspect for Leaks:** Periodically check around the seal plate area for any signs of water leaks. Early detection can prevent further damage to the pump motor.
- **Check Mechanical Seal:** The mechanical seal, housed by the seal plate, is a wear item. If leaks persist or if the pump motor shows signs of overheating near the seal, the mechanical seal may need replacement.
- **Keep Pump Area Clean:** Ensure the area around the pump is clean and free of debris to prevent foreign objects from entering the pump and potentially damaging internal components.

## 7. TROUBLESHOOTING

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If you encounter issues after replacing the seal plate, consider the following:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Water leaking from pump near motor shaft	<ul style="list-style-type: none"> <li>• Improperly installed mechanical seal</li> <li>• Damaged mechanical seal</li> <li>• Seal plate not seated correctly</li> <li>• Damaged O-ring/gasket</li> </ul>	<ul style="list-style-type: none"> <li>• Re-check mechanical seal installation. Ensure ceramic and carbon faces are clean and properly aligned.</li> <li>• Replace the mechanical seal.</li> <li>• Ensure seal plate is flush and fasteners are tightened evenly.</li> <li>• Inspect and replace any damaged O-rings or gaskets.</li> </ul>
Pump motor overheating	<ul style="list-style-type: none"> <li>• Friction from a failing mechanical seal</li> <li>• Misalignment of pump components</li> </ul>	<ul style="list-style-type: none"> <li>• Inspect and replace the mechanical seal.</li> <li>• Ensure all pump components are correctly assembled and aligned.</li> </ul>

If troubleshooting steps do not resolve the issue, contact a qualified pool professional or Hayward customer support.

## 8. SPECIFICATIONS

- **Model Number:** SPX2600E5
- **Brand:** Hayward
- **Material:** Plastic
- **Product Dimensions:** 5.8"L x 5.8"W x 4.41"H
- **Item Weight:** Approximately 0.76 Pounds (12.2 ounces)
- **Compatibility:** Hayward Superpump SP2600X Series, Hayward MaxFlo SP2800X Series
- **Horsepower Capacity:** 1/2 through 2-Horsepower
- **GTIN/UPC:** 610377888103

## 9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official Hayward website or contact Hayward customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Hayward Customer Support:** For technical assistance or further inquiries, please visit the official Hayward website or consult your local authorized Hayward dealer.