

Intex 25004

Intex 25004 Pool Filter Pump Replacement Seals Pack Instruction Manual

For Filter Pumps Rated at 2,500 GPH and Below



INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of the Intex 25004 Replacement Seals Pack. This pack is designed for Intex filter pumps with flow rates of 2,500 gallons per hour (GPH) and below. Regular replacement of these seals ensures optimal performance and longevity of your pool filter pump system.

PRODUCT OVERVIEW AND INCLUDED PARTS

The Intex 25004 Replacement Seals Pack contains the following components:

- **2 Combination Air and Sediment Release Valves (Part Number 10460):** These valves are crucial for purging air and sediment from the filter pump system, ensuring efficient operation.
- **2 O-rings for Air Release Valves (Part Number 10264):** Small O-rings that seal the air release valves.
- **2 "B" Air Release Valves with O-rings (Part Number 10725):** Additional air release valves, typically used in specific pump configurations.
- **2 Filter Housing O-rings (Part Number 11330):** Larger O-rings designed to seal the main filter housing.
- **2 "A" O-rings (Part Number 10712):** General purpose O-rings for various connections within the pump system.

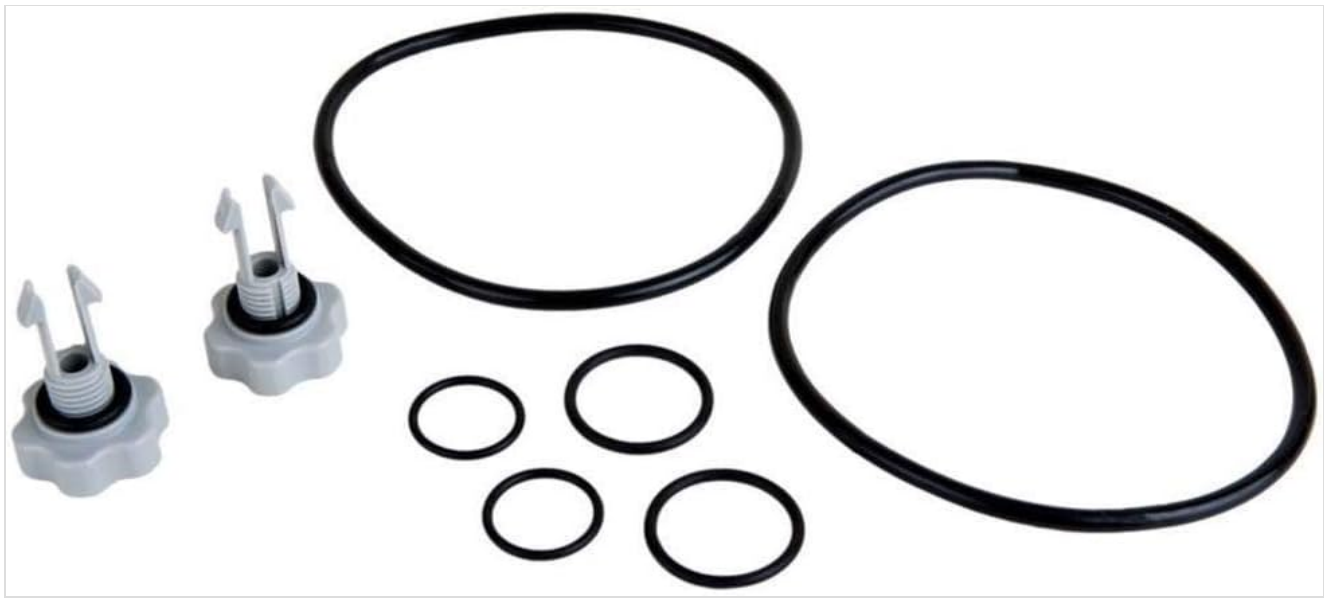


Image 1: Complete Intex 25004 Replacement Seals Pack showing all included components.



Image 2: Close-up view of the two combination air and sediment release valves (Part Number 10460).



Image 3: Assortment of O-rings included in the pack, showing different sizes.

SETUP AND INSTALLATION

Before beginning any installation or replacement, ensure your filter pump is turned off and disconnected from the power source. Close all relevant pool valves to prevent water flow.

1. **Identify Worn Seals:** Locate the seals and valves that require replacement on your Intex filter pump. Refer to your specific pump's manual for component diagrams.
2. **Remove Old Components:** Carefully remove the old air release valves and O-rings. Use appropriate tools if necessary, but avoid damaging the pump housing.
3. **Clean Surfaces:** Clean the areas where the new seals will be installed to ensure a proper, watertight fit. Remove any debris or old sealant residue.
4. **Install New O-rings:** Place the appropriate O-rings (10264, 11330, 10712) into their designated grooves. A thin layer of silicone lubricant (not petroleum-based) can be applied to O-rings to aid installation and improve sealing.
5. **Install New Valves:** Screw in the new combination air and sediment release valves (10460) and "B" air release valves (10725) firmly by hand. Do not overtighten.
6. **Reconnect and Test:** Once all new seals and valves are in place, reopen pool valves, reconnect the pump to power, and turn it on. Carefully check for any leaks.



Image 4: An air release valve with associated O-rings, illustrating typical components for replacement.

OPERATING PRINCIPLES

The primary function of the air and sediment release valves (Part Number 10460 and 10725) is to allow for the manual purging of trapped air and accumulated sediment from your filter pump system. This process is essential for maintaining efficient water flow and preventing airlocks that can reduce pump performance or cause damage. To purge air, slightly unscrew the air release valve until water begins to flow out steadily, indicating that all trapped air has escaped. Retighten the valve immediately. This procedure should be performed after initial setup, after backwashing, or whenever you notice reduced water flow or air bubbles returning to the pool.

MAINTENANCE

Regular inspection and replacement of seals are vital for the proper functioning of your Intex filter pump. Over time, O-rings and valves can degrade due to exposure to pool chemicals, UV light, and general wear and tear, leading to leaks or inefficient operation.

- **Annual Inspection:** It is recommended to inspect all seals and valves at the beginning of each pool season or at least annually.
- **Replacement Frequency:** Replace seals and valves as soon as signs of wear, cracking, or leakage are observed. Proactive replacement, typically every 1-3 years depending on usage and conditions, can prevent larger issues.
- **Proper Storage:** If disassembling the pump for off-season storage, clean and dry all seals before storing them in a cool, dry place away from direct sunlight.



Image 5: Two large O-rings, likely for the filter housing, which are critical for preventing leaks.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Water Leakage from Pump Connections	- Damaged or improperly seated O-rings. - Valves not tightened sufficiently. - Incorrect O-ring size used.	- Turn off pump, inspect and reseal O-rings. Replace if damaged. - Ensure valves are hand-tightened securely. - Verify that the correct O-ring part number is used for each location.
Air Bubbles Returning to Pool / Reduced Flow	- Air trapped in the system. - Air leak at pump connections or valves.	- Perform air purging procedure using the air release valves. - Check all connections for tightness and inspect O-rings for damage.
Seal Does Not Fit	Incorrect part for your specific pump model.	Verify your pump model number and ensure compatibility with Intex 25004 seals pack (for pumps 2,500 GPH and below).

SPECIFICATIONS

Feature	Detail
Brand	Intex
Model Number	25004
Compatibility	Intex Filter Pumps 2,500 GPH and below
Material	Plastic (for valves), Rubber (for O-rings)
Product Dimensions	4.5"L x 6"W x 2"H (Packaging dimensions)

Feature	Detail
Item Weight	2.08 ounces
Included Components	• 2 x Air/Sediment Release Valves (10460) • 2 x Air Release Valve O-rings (10264) • 2 x "B" Air Release Valves with O-rings (10725) • 2 x Filter Housing O-rings (11330) • 2 x "A" O-rings (10712)

WARRANTY AND SUPPORT

For specific warranty information regarding your Intex 25004 Replacement Seals Pack, please refer to the documentation included with your original Intex filter pump or contact Intex customer support directly. Keep your purchase receipt as proof of purchase.

For further assistance, technical support, or to inquire about additional replacement parts, please visit the official Intex website or contact their customer service department. Contact information can typically be found on the Intex product packaging or their official website.

