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Intex Sand Filter Pump Repair Kit

AIR RELEASE VALVE & O-RINGS (MODEL 25013)

Instruction Manual

1. Introduction

This manual provides instructions for the Intex Sand Filter Pump Repair Kit, Model 25013. This kit is designed to replace worn or damaged O-rings and the air release valve in compatible Intex sand filter pumps, helping to resolve leaks and maintain efficient pump operation. Proper installation of these components is crucial for the longevity and performance of your pool's filtration system.

2. Safety Information

- **Always disconnect power** to the sand filter pump before performing any maintenance or repair.
- **Depressurize the system** by opening the air release valve and ensuring all pressure is relieved before opening any part of the pump.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Keep all parts out of reach of children.
- Refer to your specific Intex sand filter pump's original manual for detailed disassembly and reassembly procedures.

3. Kit Contents and Compatibility

The Intex Sand Filter Pump Repair Kit (Model 25013) includes essential replacement parts for various Intex sand filter pumps. This kit is compatible with select Intex sand filter pumps, particularly those requiring part number 25013.

Included Components:

- 1 Tank O-ring (for 12 and 14 inch sand filter pumps and combos, part 11379)
- 1 Drain Valve O-ring (for sand filter pump and combo, part 11385)
- 1 L-shape O-ring (for sand filter pump motor, part 11412)
- Additional assorted O-rings for various pump sections.
- 1 Air Release Valve.



Image: Assortment of black O-rings of various sizes included in the kit.

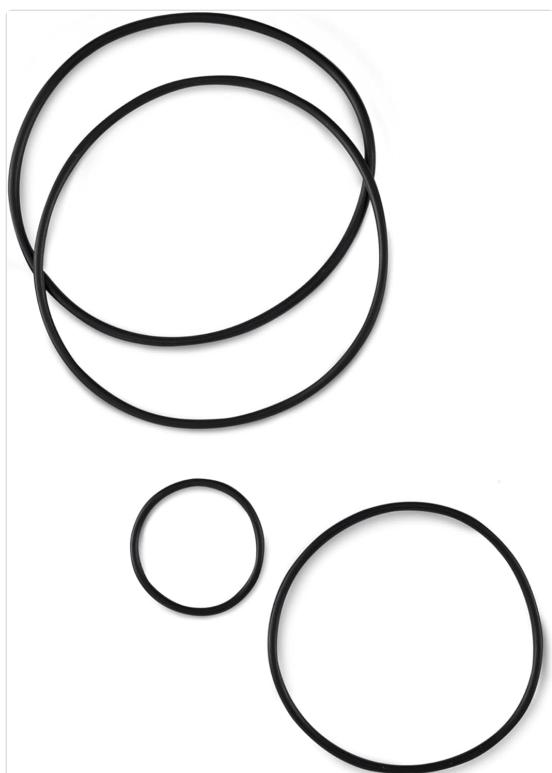


Image: Two large and two small black O-rings, illustrating different sizes.



Image: A gray plastic air release valve, a key component for pump maintenance.



Image: Three black O-rings of varying sizes, demonstrating the range of seals provided.

4. Setup and Installation

Replacing O-rings and the air release valve requires careful attention to detail. Always refer to your specific Intex sand filter pump's instruction manual for exact steps related to its model.

General Installation Steps:

- Power Disconnection:** Ensure the pump is turned off and unplugged from the power source.
- Depressurize System:** Open the existing air release valve to relieve any pressure within the filter system.
- Drain Water:** If necessary, drain water from the pump and filter tank according to your pump's manual.
- Disassembly:** Carefully disassemble the pump components to access the O-rings and air release valve that need replacement. Note the position and orientation of each part.
- Remove Old Parts:** Remove the old, worn, or damaged O-rings and the air release valve. Inspect the surfaces where the new parts will be seated for any debris or damage.
- Install New Parts:** Lightly lubricate new O-rings with a silicone-based lubricant (do not use petroleum-based lubricants as they can degrade rubber) before seating them into their grooves. Install the new air release valve. Ensure all parts are seated correctly and without twists or pinches.
- Reassembly:** Reassemble the pump components, ensuring all connections are secure and tightened appropriately. Do not overtighten.
- Test for Leaks:** Once reassembled, slowly turn on the pump and check for any leaks. If leaks occur, turn off the pump, depressurize, and re-check the installation of the O-rings and connections.

Your browser does not support the video tag.

Video: An instructional video demonstrating the components of an O-Ring Kit with Air Valve compatible with Intex 25013 pumps, showing various O-ring sizes and the air release valve.

5. Operating Considerations

After successfully replacing the O-rings and air release valve, your Intex sand filter pump should operate without leaks and maintain proper pressure. Monitor the pump's performance for the first few hours of operation to ensure all seals are holding correctly. The air release valve should be used to purge air from the system during initial startup or after any maintenance that exposes the system to air.

6. Maintenance

Regular maintenance of your sand filter pump's O-rings and seals is essential for preventing future leaks and ensuring efficient operation.

- **Periodic Inspection:** Annually, or at the beginning of each pool season, inspect all accessible O-rings for signs of wear, cracking, or flattening. Replace any damaged O-rings promptly.
- **Lubrication:** Lightly lubricate O-rings with a silicone-based lubricant during reassembly or annual inspection to maintain their flexibility and sealing capability.
- **Proper Storage:** If storing the pump for the off-season, ensure it is clean and dry. Store any spare O-rings in a cool, dry place away from direct sunlight and chemicals.

7. Troubleshooting

If you encounter issues after installing the repair kit, consider the following:

- **Leaks After Installation:**

- Ensure O-rings are correctly seated in their grooves and not twisted or pinched.
- Verify that all connections and clamps are tightened securely, but not excessively.
- Check for any nicks or damage on the O-rings that might have occurred during installation.

- **Air in System:**

- Ensure the air release valve is properly installed and closed after purging air.
- Check all suction side connections for air leaks.

- **Low Flow/Pressure:**

- Confirm the pump basket and skimmer basket are clean.
- Backwash the sand filter if the pressure gauge indicates high pressure.

8. Specifications

Feature	Detail
Brand	Intex
Model Number	25013
Kit Components	Assorted O-rings, 1 Air Release Valve
Material	Durable Rubber/Plastic Components
Item Weight	3.2 ounces
UPC	078257250134

9. Warranty and Support

For specific warranty information regarding your Intex Sand Filter Pump Repair Kit or for further technical assistance, please refer to the official Intex website or contact Intex customer support directly. Keep your purchase receipt as proof of purchase.

Intex Customer Support: Please visit www.intexcorp.com/support/ for contact details and FAQs.

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