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Pentair LB05

Pentair LB05 Suction Hose with Washer Replacement Manual

Model: LB05

1. Introduction

This manual provides instructions for the installation and maintenance of the Pentair LB05 Suction Hose with Washer. This product is designed as a replacement part for Pentair universal booster pool and spa pumps, ensuring proper suction and operation of your pool cleaning system.



Figure 1: The Pentair LB05 Suction Hose, a black flexible hose with brass-colored threaded connectors at both ends, accompanied by two black rubber washers.

2. Safety Information

Always observe basic safety precautions when installing or servicing pool equipment. Failure to follow these

instructions could result in injury or property damage.

- Ensure the pool pump system is turned off and disconnected from power before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as gloves, if necessary.
- Keep children and pets away from the work area.
- If you are unsure about any part of the installation process, consult a qualified pool technician.

3. Setup and Installation

This section outlines the steps for replacing the suction hose on your Pentair universal booster pool and spa pump.

3.1 Required Tools

- Adjustable wrench or channel lock pliers (if connections are tight)
- Towel or rags to manage water spills

3.2 Installation Steps

1. **Turn Off Power:** Ensure the booster pump and main pool pump are completely powered off at the circuit breaker.
2. **Drain System (if necessary):** If the hose is connected to a pressurized line, relieve pressure and drain any water from the system to prevent spills.
3. **Disconnect Old Hose:** Carefully unscrew the existing suction hose from both the booster pump and the connection point to the pool cleaner or other equipment. Note the orientation for the new hose.
4. **Inspect Connections:** Clean any debris from the threaded connections on the pump and other equipment.
5. **Install Washers:** Place one of the provided washers into each end of the new Pentair LB05 suction hose. Ensure they are seated correctly to create a watertight seal.
6. **Connect New Hose:**
    - Attach one end of the new hose to the booster pump. Hand-tighten first to avoid cross-threading.
    - Attach the other end of the hose to the corresponding connection point. Hand-tighten.
7. **Tighten Connections:** Using an adjustable wrench or pliers, gently tighten the connections. Do not overtighten, as this can damage the threads or washers. The goal is a snug, leak-free connection.
8. **Restore Power:** Once the hose is securely installed, restore power to the booster pump and main pool pump.
9. **Check for Leaks:** Observe the connections for any signs of water leakage. If leaks are present, turn off power, re-tighten the connections slightly, and re-check.

4. Operating Instructions

The Pentair LB05 Suction Hose is a passive component designed to facilitate water flow. Once properly installed, its operation is integrated with your Pentair universal booster pool and spa pump system.

- Ensure the hose is free from kinks or obstructions that could impede water flow.
- Regularly check the hose and its connections for any signs of wear, damage, or leaks during normal pump operation.
- The hose is designed to withstand typical pool water chemistry; however, avoid exposing it to harsh chemicals directly.

5. Maintenance

Proper maintenance extends the life of your Pentair LB05 Suction Hose.

- **Regular Inspection:** Periodically inspect the entire length of the hose for cracks, abrasions, or signs of deterioration. Check the brass-colored connectors for corrosion or damage.
- **Washer Check:** Ensure the rubber washers at each connection point are intact and not compressed or cracked. Replace them if they show signs of wear to prevent leaks.
- **Cleaning:** If the hose becomes dirty, wipe it down with a soft cloth and mild soap solution. Rinse thoroughly with clean water.
- **Winterization:** In colder climates, disconnect the hose during winterization procedures to prevent damage from freezing water. Store it in a dry, protected area.

6. Troubleshooting

Common issues and their potential solutions related to the Pentair LB05 Suction Hose.

Problem	Possible Cause	Solution
Water Leak at Connection	Loose connection, damaged washer, cross-threaded connection.	Turn off pump, tighten connection. If leak persists, replace washer. If threads are damaged, the hose or connected component may need replacement.
Reduced Suction	Hose kinked, internal obstruction, or a leak in the hose itself.	Inspect hose for kinks or blockages. Check for small cracks or holes in the hose body. Replace hose if damaged.
Hose Deterioration	Exposure to harsh chemicals, prolonged UV exposure, age.	Replace the hose. Ensure proper water chemistry is maintained in the pool. Store hose out of direct sunlight when not in use for extended periods.

7. Specifications

- **Model Number:** LB05
- **Product Dimensions:** 2 x 1 x 24 inches (Length by Width by Height)
- **Item Weight:** 13.1 ounces
- **Manufacturer:** Pentair
- **Compatibility:** Designed for Pentair universal booster pool and spa pumps
- **Included:** Suction hose, 2 washers

8. Warranty and Support

For warranty information or technical support regarding your Pentair LB05 Suction Hose, please refer to the official Pentair website or contact Pentair customer service directly.
You can visit the Pentair Store on Amazon for more products and information.

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