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Zodiac D26

Zodiac Polaris D26 Quick Disconnect Pool Cleaner Replacement Part Instruction Manual

Product Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Zodiac Polaris D26 Female Quick Disconnect replacement part. Designed for specific Polaris pool cleaner models, this component is crucial for maintaining efficient and thorough pool cleaning.



Image: The Zodiac Polaris D26 Female Quick Disconnect, a white plastic component with threaded ends and a small internal mechanism visible.

Product Overview

The Zodiac Polaris D26 Female Quick Disconnect is a vital component for your pressure-side pool cleaner. It is constructed from durable plastic and weighs approximately 0.8 ounces. Its primary function is to periodically reverse the water flow within the cleaner's hose system. This reversal mechanism ensures the pool cleaner does not become stuck in corners or repeat cleaning patterns, allowing it to cover the entire pool surface effectively.

Compatibility

This D26 Female Quick Disconnect is specifically designed for use with the following Zodiac Polaris pool cleaner models:

- Polaris 180
- Polaris 280

- Polaris 380
- Polaris 480
- Polaris 3900

Note: This part is NOT compatible with Polaris 360 pool cleaner models.

Your browser does not support the video tag.

Video: An animated overview of a backup valve, highlighting its components and compatibility with various Polaris pool cleaner models (180, 280, 380, 480, 3900), and explicitly stating incompatibility with Polaris 360.

Installation Guide

Replacing the D26 Quick Disconnect is a straightforward process. Follow these steps carefully to ensure proper installation:

1. **Turn Off Pool Pump:** Before beginning any work, ensure your pool's circulation pump is completely turned off to prevent water flow and potential injury.
2. **Locate Existing Valve:** Identify the current quick disconnect valve on your pool cleaner's hose line. It is typically a cylindrical or acorn-shaped component.
3. **Disconnect Old Valve:** Carefully unscrew the coupling nuts on both ends of the existing valve. Gently pull the hoses off the old valve.
4. **Transfer Coupling Nuts:** Remove the coupling nuts from the old valve. These nuts are essential for securing the new valve and are not typically included with the replacement part.
5. **Attach Coupling Nuts to New Valve:** Slide the coupling nuts onto the threaded ends of the new D26 Quick Disconnect valve.
6. **Orient New Valve Correctly:** The D26 Quick Disconnect has an arrow or a tapered "acorn" shape indicating the direction of water flow. Ensure this arrow or the pointy side of the acorn is oriented to point TOWARDS the pool cleaner unit. This is critical for the valve's proper function.
7. **Connect Hoses:** Push the hoses onto the barbed fittings of the new valve.
8. **Tighten Coupling Nuts:** Screw the coupling nuts onto the new valve until they are snug. Avoid overtightening, as this can damage the gaskets and lead to leaks. The connection should be secure but not excessively tight.
9. **Restore Power:** Once the new valve is securely installed, turn your pool's circulation pump back on.
10. **Check for Leaks:** Observe the connections for any signs of water leakage. If leaks are present, gently tighten the coupling nuts further until the leak stops.

Operation

Once installed, the D26 Quick Disconnect operates automatically. Approximately every three minutes, the internal mechanism of the valve will reverse the water flow. This action causes the pool cleaner to momentarily change direction or float, preventing it from becoming trapped in corners or repeating cleaning patterns in the same area. This randomized movement ensures comprehensive cleaning of your pool's surfaces.

Maintenance

The D26 Quick Disconnect is designed for durability and requires minimal maintenance. Regular inspection of the valve and its connections for any signs of wear, cracks, or leaks is recommended. If the pool cleaner begins to get stuck frequently, or if the valve is constantly leaking water, it may indicate that the internal mechanism is failing and the part

needs replacement.

Troubleshooting

Common Issues and Solutions:

- **Pool Cleaner Getting Stuck:** If your Polaris pool cleaner frequently gets stuck in corners or repeats cleaning patterns, the quick disconnect valve may not be reversing water flow correctly. This often indicates a worn or faulty internal mechanism.
- **Constant Water Leakage from Valve:** Persistent leaking from the valve, especially when the pump is running, suggests a compromised seal or a damaged valve body.
- **Solution:** In most cases, the solution for these issues is to replace the D26 Female Quick Disconnect valve. The replacement process is detailed in the Installation Guide section.

Specifications

Feature	Detail
Model Number	D26
Brand	Zodiac
Material	Plastic
Color	White
Product Dimensions	1.7 x 1.45 x 1.35 inches
Item Weight	0.8 ounces
UPC	738919001107
Installation Type	Manual

Warranty and Support

For specific warranty information and customer support regarding your Zodiac Polaris D26 Female Quick Disconnect, please refer to the official documentation provided with your purchase or visit the Zodiac Store on Amazon.

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