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Zodiac 39-004

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Genuine Replacement Part for Polaris 3900 Sport Pool Cleaner

1. PRODUCT OVERVIEW

The Zodiac Polaris 39-004 Bottom Housing Assembly is a genuine replacement component designed specifically for the Polaris 3900 Sport pool cleaner. This part is crucial for the cleaner's structural integrity and efficient operation, ensuring proper movement and debris collection within your pool.

Key Features:

- Direct replacement for Polaris 3900 Sport pool cleaner.
- Ensures proper function and stability of the pool cleaner.
- Durable construction for long-lasting performance.



Figure 1: The Zodiac Polaris 39-004 Bottom Housing Assembly. This image shows the complete bottom housing unit, ready for installation.

2. SAFETY INFORMATION

- Always disconnect the pool cleaner from its power source before performing any maintenance or installation.
- Wear appropriate personal protective equipment (PPE), such as gloves, if necessary.
- Ensure all connections are secure to prevent leaks or operational issues.
- Keep small parts away from children.

3. SETUP AND INSTALLATION

This section outlines the steps for replacing the bottom housing assembly on your Polaris 3900 Sport pool cleaner. The process is generally straightforward and requires minimal tools.

Tools Required:

- Screwdriver (appropriate type for your cleaner's fasteners)

Installation Steps:

1. **Disconnect Power:** Ensure the pool cleaner is completely disconnected from the pool's filtration system and any power source.
2. **Remove Cleaner from Pool:** Carefully remove the Polaris 3900 Sport cleaner from the pool and place it on a clean, flat surface.
3. **Locate Fasteners:** Identify the screws or clips that secure the existing bottom housing to the main body of the cleaner. These are typically located around the perimeter of the housing.
4. **Remove Old Housing:** Using the appropriate screwdriver, carefully remove all fasteners. Gently detach the old bottom housing from the cleaner. Note how the components are assembled for reassembly.
5. **Inspect Internal Components:** While the housing is open, inspect any internal components (e.g., wheels, gears, hoses) for wear or damage. Clean any debris that may have accumulated.
6. **Install New Housing:** Position the new Zodiac Polaris 39-004 Bottom Housing Assembly onto the cleaner's main body, aligning it correctly.
7. **Secure New Housing:** Reinsert and tighten all screws or reattach clips to secure the new bottom housing. Ensure all fasteners are snug but do not overtighten, as this can damage the plastic.
8. **Verify Assembly:** Double-check that the new housing is firmly attached and that there are no gaps or misalignments.

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Video 1: This video demonstrates the general operation and features of a pool pressure side sweeper, similar to the Polaris 3900 Sport. It provides a visual context for how the bottom housing functions as part of the cleaner's movement and debris collection system.

4. OPERATING INSTRUCTIONS

After installing the new bottom housing, return the Polaris 3900 Sport pool cleaner to the pool and reconnect it to the filtration system. Observe the cleaner's operation to ensure proper function.

- Ensure the cleaner moves freely across the pool floor and walls.
- Verify that the cleaner is effectively picking up debris.
- Check for any unusual noises or movements.

The bottom housing is integral to the cleaner's mobility and suction. A properly installed housing will allow the cleaner to perform its cleaning cycles efficiently.

5. MAINTENANCE

Regular maintenance of your pool cleaner, including the bottom housing, will extend its lifespan and ensure optimal performance.

- **Regular Inspection:** Periodically inspect the bottom housing for cracks, wear, or damage, especially if the cleaner frequently encounters pool steps or rough surfaces.
- **Cleaning:** Rinse the bottom housing and surrounding areas with fresh water to remove chemical residue and debris after each use or as needed.
- **Fastener Check:** Occasionally check the screws or fasteners securing the bottom housing to ensure they remain tight.

6. TROUBLESHOOTING

If your Polaris 3900 Sport pool cleaner exhibits issues after replacing the bottom housing, consider the following:

Problem	Possible Cause	Solution
Cleaner not moving or moving slowly.	Improper installation of bottom housing, obstruction, or internal component issue.	Verify the bottom housing is securely attached and not impeding wheel movement. Check for debris caught in the wheels or internal mechanisms. Ensure adequate water flow to the cleaner.
Poor debris collection.	Gaps in housing, worn internal components, or suction issues.	Ensure the bottom housing is flush with the cleaner body, preventing suction loss. Check the cleaner's filter bag for fullness. Inspect the main hose for leaks or blockages.
Unusual noises from cleaner.	Loose components or internal damage.	Re-check all fasteners on the bottom housing. If noises persist, further internal inspection by a qualified technician may be required.

7. SPECIFICATIONS

Feature	Detail
Product Name	Bottom Housing Assembly
Model Number	39-004
Compatibility	Zodiac Polaris Pool Cleaner Model 3900 Sport
Product Dimensions	6 x 4 x 6 inches
Item Weight	8 ounces
Manufacturer	Zodiac
Country of Origin	United States

8. WARRANTY INFORMATION

For detailed warranty information regarding the Zodiac Polaris 39-004 Bottom Housing Assembly, please refer to the official Zodiac website or contact their customer support. Warranty terms and conditions may vary.

9. CUSTOMER SUPPORT

If you require further assistance or have questions about your Zodiac Polaris 39-004 Bottom Housing Assembly, please contact Zodiac customer support:

- **Manufacturer:** Zodiac
- **Website:** www.zodiac.com
- Refer to the packaging or original product documentation for specific contact details.

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