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> [BWT Filter Top Assembly AS1053120 Instruction Manual for D400, D500, D600 Robotic Pool Cleaners](#)

BWT AS1053120

BWT Filter Top Assembly Instruction Manual

Model: AS1053120

INTRODUCTION

The BWT Filter Top Assembly, model AS1053120, is a crucial replacement component designed for specific BWT automatic robotic pool cleaners. This assembly plays a vital role in the filtration system, ensuring efficient capture of debris and maintaining the cleanliness of your swimming pool. Regular maintenance and replacement of this part are essential for the optimal performance and longevity of your robotic cleaner.

PRODUCT COMPATIBILITY

This filter top assembly is compatible with the following BWT automatic robotic pool cleaner models:

- BWT D400
- BWT D500
- BWT D600

PRODUCT OVERVIEW

The filter top assembly integrates into the robotic cleaner's body, housing the filtration media. Its design ensures a secure fit and efficient water flow through the filter, trapping fine and coarse debris. The robust construction is designed for durability in pool environments.



Figure 1: Top view of the BWT Filter Top Assembly, illustrating the integrated filter mesh designed for debris capture.



Figure 2: Underside view of the BWT Filter Top Assembly, showing the housing structure and attachment points.

SETUP AND INSTALLATION

This section provides general guidelines for replacing the filter top assembly. Always refer to your specific BWT robotic cleaner's user manual for detailed, model-specific instructions.

1. **Power Off:** Ensure the robotic pool cleaner is disconnected from its power source before beginning any maintenance.
2. **Access Filter Compartment:** Open the filter compartment of your BWT robotic cleaner. This usually involves releasing latches or clips on the cleaner's body.
3. **Remove Old Assembly:** Carefully lift out the existing filter top assembly. Dispose of any accumulated debris.
4. **Clean Compartment:** Wipe down the filter compartment to remove any remaining dirt or debris.
5. **Install New Assembly:** Position the new BWT Filter Top Assembly (AS1053120) into the compartment, ensuring it seats correctly and securely.
6. **Secure Compartment:** Close and secure the filter compartment latches or clips.
7. **Test Operation:** Reconnect the robotic cleaner to its power source and perform a test run to ensure proper function.

OPERATION

Once installed, the filter top assembly operates as an integral part of your BWT robotic pool cleaner's filtration system. It works by drawing water through the filter mesh, trapping particles such as dirt, leaves, and other debris. The efficiency of this component directly impacts the clarity and cleanliness of your pool water. No specific user interaction is required with the filter top assembly during normal operation of the robotic cleaner.

MAINTENANCE

Regular maintenance of the filter top assembly is crucial for sustained performance:

- **Regular Cleaning:** After each cleaning cycle, or as recommended by your robotic cleaner's manual, remove the filter top assembly and rinse it thoroughly with a hose to remove trapped debris.
- **Inspection:** Periodically inspect the filter mesh for any signs of damage, tears, or excessive wear. A damaged filter will reduce filtration efficiency.

- **Replacement:** The filter top assembly is a wear-and-tear component. Replace it when you notice a decrease in filtration performance, visible damage, or as part of your robotic cleaner's recommended maintenance schedule. Timely replacement ensures optimal debris capture and extends the lifespan of your robotic cleaner.

TROUBLESHOOTING

If you experience issues related to filtration, consider the following:

- **Poor Water Clarity:** If the pool water remains cloudy or dirty after a cleaning cycle, check the filter top assembly for blockages or damage. Ensure it is properly seated.
- **Reduced Suction:** A clogged or damaged filter can lead to reduced suction power. Clean or replace the assembly as needed.
- **Debris Escaping:** If debris is observed escaping back into the pool, inspect the filter mesh for tears or gaps that might allow particles to pass through.

For more complex issues, consult the complete user manual for your BWT robotic pool cleaner or contact BWT customer support.

SPECIFICATIONS

Feature	Detail
Model Number	AS1053120
Brand	BWT
Product Dimensions	12 x 8 x 4 inches
Compatibility	BWT D400, D500, D600 Robotic Pool Cleaners

WARRANTY AND SUPPORT

Specific warranty information for the BWT Filter Top Assembly AS1053120 is typically provided with the original product purchase or can be found on the official BWT website. For detailed warranty terms, technical support, or to purchase replacement parts, please refer to the documentation included with your BWT robotic pool cleaner or visit the official BWT support channels.