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### LaSalle Bristol 66N4AB96GM

# LaSalle Bristol 66N4AB96GM Waste Valve Assembly with Cable - 3" Waste Valve, 96" - Instruction Manual

## PRODUCT OVERVIEW

The LaSalle Bristol 66N4AB96GM Waste Valve Assembly is designed for efficient waste management in RV and similar plumbing systems. This assembly features an easy-to-pull cable for smooth operation of the 3-inch ABS valve. It comes pre-assembled with a flange spigot adapter and a flanged hub adapter, and is finished in black. This product is an auto accessory, weighing approximately 2 pounds, and is manufactured in the United States.

## PRODUCT COMPONENTS



Image: The LaSalle Bristol 66N4AB96GM Waste Valve Assembly, showing the black ABS valve body, the attached cable, and the T-handle for manual operation. The cable extends from the valve, allowing for remote activation.

## What's in the Box:

- LaSalle Bristol 66N4AB96GM Waste Valve Assembly With Cable - 3" Waste Valve, 96"

## SETUP AND INSTALLATION

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Installation of the LaSalle Bristol 66N4AB96GM Waste Valve Assembly typically involves integrating it into an existing RV waste plumbing system. Due to the nature of plumbing work and potential exposure to waste, it is recommended that installation be performed by a qualified professional or an individual with appropriate plumbing experience.

### General Installation Steps (Consult a professional if unsure):

1. **Safety First:** Ensure the waste tanks are empty and the area is well-ventilated. Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
2. **Prepare the Area:** Identify the location for the new valve assembly. If replacing an old valve, ensure the area is clean and free of debris.
3. **Connect the Valve:** The ABS valve is assembled with a flange spigot adapter and a flanged hub adapter. These are designed for connection to standard RV waste plumbing pipes. Use appropriate ABS cement and primer for secure, leak-proof connections.
4. **Route the Cable:** Carefully route the 96-inch cable from the valve to the desired pull handle location, ensuring it is free from kinks, sharp bends, or obstructions that could impede its operation. Secure the cable along its path to prevent sagging or damage.
5. **Mount the Handle:** Install the T-handle in an accessible and secure location, typically on the exterior or in a utility compartment of the RV. Ensure the cable mechanism is properly attached to the handle for smooth pulling and pushing action.
6. **Test for Leaks:** After installation, fill the waste tank with clean water and check all connections for any signs of leakage. Operate the valve several times to ensure it opens and closes smoothly.

*Note: Specific plumbing configurations may vary. Always refer to your RV's manufacturer guidelines or consult a certified RV technician for complex installations.*

## OPERATING INSTRUCTIONS

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The LaSalle Bristol Waste Valve Assembly is operated via its integrated cable and T-handle mechanism. This design allows for convenient remote operation of the waste valve.

### To Open the Valve:

- Locate the T-handle connected to the valve cable.
- Pull the T-handle firmly and steadily outwards until the valve is fully open. You may feel a slight resistance as the valve gate retracts.
- Ensure the valve is completely open for efficient waste discharge.

### To Close the Valve:

- Push the T-handle firmly and steadily inwards until the valve is fully closed.
- Ensure the valve is completely closed to prevent leaks and maintain tank integrity.

*Always ensure the waste hose is properly connected and secured before opening the valve to discharge waste.*

## MAINTENANCE

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Regular maintenance helps ensure the longevity and proper function of your waste valve assembly.

- **Lubrication:** Periodically lubricate the valve gate seals and the cable mechanism with a silicone-based lubricant designed for RV plumbing components. This helps maintain smooth operation and prevents sticking.

- **Inspection:** Regularly inspect the valve body, cable, and connections for any signs of wear, cracks, or leaks. Check the cable for fraying or damage.
- **Cleaning:** After emptying tanks, flush the system with clean water to remove any residual waste that could accumulate around the valve gate and seals.
- **Winterization:** If operating in freezing temperatures, ensure proper winterization procedures are followed for your RV's plumbing system, which includes the waste valves, to prevent damage from ice expansion.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your waste valve assembly.

Problem	Possible Cause	Solution
Valve is difficult to open or close.	Accumulation of debris around the gate seal; lack of lubrication; damaged cable.	Flush the tank thoroughly. Apply silicone lubricant to the valve seals and cable. Inspect the cable for damage; if damaged, replacement may be necessary.
Valve does not close completely (leaks).	Debris lodged in the seal; worn or damaged seals; misaligned valve.	Flush the tank multiple times to dislodge debris. Inspect seals for wear; replacement of seals or the entire valve assembly may be required. Ensure proper alignment during installation.
Cable is stuck or broken.	Kinked or frayed cable; excessive force applied; internal mechanism failure.	Inspect the cable path for obstructions or kinks. If the cable is frayed or broken, the entire valve assembly with cable will need to be replaced.

*If troubleshooting steps do not resolve the issue, it is recommended to consult a professional RV technician.*

## SPECIFICATIONS

Attribute	Detail
Brand	LaSalle Bristol
Model Number	66N4AB96GM
Product Type	Auto Accessory / RV Waste Valve Assembly
Valve Size	3 inches
Cable Length	96 inches
Material	ABS Plastic (Valve Body)
Color	Black
Item Weight	Approximately 2 pounds
Product Dimensions	24 x 7 x 5 inches (Packaging/Overall)
Country of Origin	United States
First Available Date	December 22, 2015

## WARRANTY AND SUPPORT

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For specific warranty information regarding the LaSalle Bristol 66N4AB96GM Waste Valve Assembly, please refer to the documentation provided with your purchase or contact LaSalle Bristol directly. Warranty terms and conditions may vary. For technical support or assistance with installation and troubleshooting beyond the scope of this manual, it is recommended to contact the manufacturer or a certified RV service technician.

- **Manufacturer:** LaSalle Bristol
- **Contact Information:** Please visit the official LaSalle Bristol website for the most current contact details, including phone numbers and customer service portals.

