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Bomar S616MBSS

Bomar S616MBSS Stainless Steel Port Instruction Manual

Model: S616MBSS

PRODUCT OVERVIEW

The Bomar S616MBSS is a high-quality stainless steel port designed for marine applications. It features a durable construction with an integrated screen and a tab ring for secure closure. This manual provides essential information for the proper installation, operation, and maintenance of your Bomar S616MBSS port.



Image: The Bomar S616MBSS stainless steel port, showing its oval shape, polished frame, integrated screen, and two black tab latches for securing the port.

SPECIFICATIONS

Model	S616MBSS
Material	Stainless Steel
Exterior Finish	Stainless Steel
Product Dimensions	11 x 19 x 5 inches
Weight	6 Pounds
Manufacturer	Bomar
Date First Available	February 7, 2011

INSTALLATION AND SETUP

Proper installation is crucial for the performance and longevity of your Bomar port. It is recommended that installation be performed by a qualified marine technician.

Required Tools and Materials:

- Appropriate sealant (marine-grade, UV resistant)
- Drill and drill bits
- Screwdriver set
- Measuring tape and marking tools
- Cleaning supplies (degreaser, rags)
- Fasteners (stainless steel, appropriate length for hull thickness)

Installation Steps:

1. **Prepare the Opening:** Ensure the hull opening is clean, dry, and free of debris. The opening should match the dimensions of the port's cut-out template precisely.
2. **Test Fit:** Carefully place the port into the opening to ensure a proper fit. Mark the locations for drilling mounting holes if not pre-drilled.
3. **Drill Mounting Holes:** Drill pilot holes for the fasteners according to the manufacturer's recommendations, ensuring not to overtighten or damage the hull material.
4. **Apply Sealant:** Apply a continuous bead of marine-grade sealant around the flange of the port that will contact the hull. Ensure complete coverage to prevent water intrusion.
5. **Secure the Port:** Carefully position the port in the opening and secure it with the appropriate stainless steel fasteners. Tighten fasteners evenly to compress the sealant, but avoid over-tightening which can distort the frame or damage the hull.
6. **Clean Excess Sealant:** Wipe away any excess sealant immediately after installation.
7. **Allow Curing Time:** Allow the sealant to cure fully according to the sealant manufacturer's instructions before exposing the vessel to water.

OPERATION

The Bomar S616MBSS port is designed for simple and secure operation.

Opening the Port:

1. Locate the two black tab latches on the interior side of the port.
2. Rotate each tab latch counter-clockwise to disengage it from the frame.
3. Gently push the port outward to open. The hinges will allow it to swing open.

Closing and Securing the Port:

1. Pull the port inward until it is fully seated against the frame gasket.
2. Rotate each tab latch clockwise until it securely engages with the frame, ensuring a watertight seal. Do not overtighten.

Using the Integrated Screen:

The port includes an integrated screen to allow ventilation while keeping insects out. The screen is fixed and does not

require separate operation.

MAINTENANCE

Regular maintenance will extend the life and preserve the appearance of your stainless steel port.

Cleaning:

- Clean the stainless steel frame regularly with fresh water and a mild soap solution.
- For stubborn stains or rust spots, use a non-abrasive stainless steel cleaner, following the product's instructions. Always wipe with the grain of the stainless steel.
- Rinse thoroughly with fresh water and dry with a soft cloth to prevent water spots.
- Clean the screen gently with a soft brush or cloth to remove dust and debris.

Inspection:

- Periodically inspect the rubber gasket around the port for signs of wear, cracking, or deterioration. Replace if necessary to maintain a watertight seal.
- Check the hinges and latches for smooth operation and ensure all fasteners are secure. Lubricate hinges with a marine-grade lubricant if they become stiff.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Port leaks water	Damaged or worn gasket; improper sealant application during installation; latches not fully secured.	Inspect and replace gasket if damaged. Reapply sealant if necessary. Ensure latches are fully engaged and tightened.
Difficulty opening/closing	Corrosion or debris in hinges; misaligned frame.	Clean and lubricate hinges with marine-grade lubricant. Check for proper alignment and adjust if possible, or consult a professional.
Rust spots on stainless steel	Exposure to harsh marine environment; improper cleaning; iron contamination.	Clean with a specialized stainless steel cleaner. Ensure regular fresh water rinsing. Consider passivation treatment for severe cases.

WARRANTY AND SUPPORT

Bomar products are manufactured to high standards. For specific warranty information, please refer to the documentation provided at the time of purchase or visit the official Bomar website. For technical support or replacement parts, please contact Bomar customer service directly.

Manufacturer: Bomar

Please note: This manual provides general guidelines. Always refer to specific product documentation and professional advice for complex installations or repairs.