

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN						
DATE ISSUED	MODEL YEAR(S) AFFECTED	MODEL(S) AFFECTED	TSB #			
04/25/01	2001	ALL	216			
BRAND		TYPE				
All <input checked="" type="checkbox"/>	American Star <input type="checkbox"/>	Kountry Star <input type="checkbox"/>	Dutch Star <input type="checkbox"/>	All <input checked="" type="checkbox"/>	T T <input type="checkbox"/>	F W <input type="checkbox"/>
NewAire <input type="checkbox"/>	Mountain Aire <input type="checkbox"/>	Kountry Aire <input type="checkbox"/>	London Aire <input type="checkbox"/>	C A <input type="checkbox"/>	D P <input type="checkbox"/>	D B <input type="checkbox"/>
<input type="checkbox"/> Air Conditioning & Heating				<input type="checkbox"/> Electrical Components		
<input type="checkbox"/> Appliances & Accessories				<input type="checkbox"/> Exterior Components		
<input type="checkbox"/> Cabinets & Furniture				<input type="checkbox"/> Interior Components		
<input type="checkbox"/> Chassis Components				<input checked="" type="checkbox"/> Plumbing & Bath Components		
<input type="checkbox"/> Construction Components				<input type="checkbox"/> Windows, Awnings, Vents, & Doors		
DESCRIPTION OF PROBLEM						
Technical notices for all units equipped with a SeaLand product.						
RECOMMENDED SOLUTION						
Please review the attached notices.						

NEWMAR CORPORATION WARRANTY DEPARTMENT



Technical Notice

13128 State Rt. 226, PO Box 38, Big Prairie, Ohio 44611 U.S.A.
Telephone 330/496-3211 800/321-9886 Fax: 330/496-3097

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Winterization of a VacuFlush® Toilet System

There are two ways to winterize a SeaLand Technology toilet. The first method utilizes antifreeze, and the second requires draining of all water from the water valve.

Method 1

1. Thoroughly flush system with fresh water.
2. Empty holding tank.
3. Shut off water supply to toilet, and remove inlet waterline.
4. Press flush lever until all water is drained from toilet and water valve.
5. Drain potable water tank.
6. Add antifreeze to potable water tank. The antifreeze should be pink and contain no alcohol. **DO NOT DILUTE antifreeze with water.**
7. Reconnect your water inlet to the toilet. Flush the antifreeze through the system into the holding tank.
8. Empty holding tank.
9. Turn off electrical power to system.

Method 2

1. Remove brass cap from the bottom of the water valve.
2. Depress flush pedal to allow water to drain out of toilet.
3. Allow all water to drain out of water valve and water inlet line.
4. Reattach brass cap to bottom of water valve. (Be careful not to strip plastic threads on water valve body.)

Additional Information:

Call SeaLand's Customer Service Department at 1-800-321-9886, 8 a.m. to 5 p.m. Eastern Time if you have questions or need additional information.

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13128 State Rt. 226, P.O. Box 38, Big Prairie, Ohio 44611 U.S.A.
Telephone 330/496-3211 800/321-9886 Fax: 330/496-3097

Bulletin Number :
Effective Date:

1019
September 2000

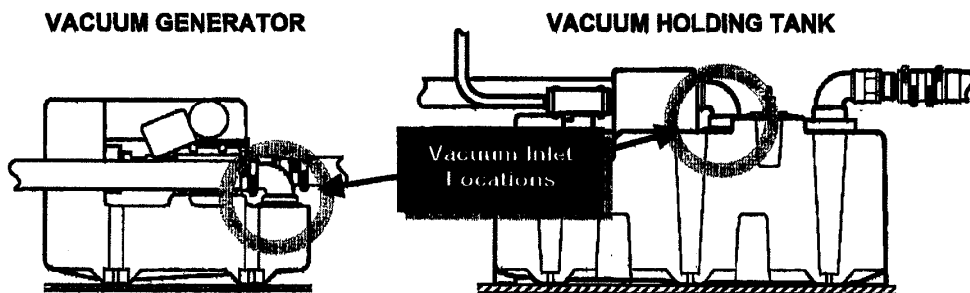
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VacuFlush® Toilet System: Potential Vacuum Leak at Inlet Seal Resulting from Improper Hose Support

Products Affected: VacuFlush® Vacuum Generators and Vacuum Holding Tanks.

Situation: Long after the installation and use of a leak-free vacuum sanitation system, a small vacuum leak slowly develops in some instances. The leak may take many months or even years to develop. The leak becomes more noticeable as it eventually causes the vacuum pump to recycle about every hour.

Cause: The hose from the toilet to the Vacuum Generator or Vacuum Holding Tank inlet elbow was installed so that it places a lateral, or sideways, load on the Uniseal® sealing ring surrounding the inlet elbow. This load can slowly deform the Uniseal® ring until a very small vacuum leak occurs.



Corrective Action: Reposition hose supports so that the hose does not place a sideways force on the Uniseal® sealing ring. Replace the Uniseal® ring with a new one – Part No. 342932. Be sure to lubricate the inside diameter of the seal and the outside of the inlet fitting with liquid dish soap before installing. It is usually not necessary to replace the inlet fitting.

NOTE: For reference, older Uniseal® sealing rings are black. New Uniseal® rings are white in color. The change from black to white began in March 2000.

Additional Information: Call SeaLand's Customer Service Department at 1-800-321-9886, 8 a.m. to 5 p.m. Eastern Time if you have questions or need additional information.

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13128 State Rt. 226, P.O. Box 38, Big Prairie, Ohio 44611 U.S.A.
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Bulletin Number : 1020
Effective Date: February 2001

**Solvent Bonding Holding Tank Diptube
to Waste Fittings**
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Product Affected: Universal Diptube Kit – Part No. 310660

Situation: Difficulty solvent bonding the Universal Diptube white WASTE ONLY fitting and white PVC pipe. The pipe does not bond to the fitting securely.

Cause: SeaLand Technology switched from black ABS pipe to white PVC pipe in the Universal Diptube Kit. If ABS cement is used instead of medium-bodied PVC cement, the joint may not bond properly.

Corrective Action: Only medium-bodied PVC cement should be used to solvent bond the diptube kit together. Always prep both surfaces of the joint with PVC primer before gluing. Apply cement to both surfaces and insert the pipe with a twisting motion. Hold the pipe and fitting together for approximately 30 seconds or until the cement sets up.



Be sure to use PVC primer and cement on both contact surfaces.



Insert PVC pipe into WASTE ONLY fitting with twisting motion and hold for 30 seconds.

Handle all newly assembled joints carefully until the cement has gone through the "cure" period. Recommended cure time is related to temperature as follows:

60° to 100°F (16° to 38°C): 4 hours
40° to 60°F (5° to 16°C): 8 hours
10° to 40°F (-12° to 5°C): 24 hours

Safety Precautions: Cement and primer contain highly volatile solvents which evaporate rapidly. Avoid breathing the vapors. If necessary, use a fan to keep the work area clear of fumes. Avoid skin or eye contact. Do not use near heat sparks or open flame.

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1021
March 2001

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SeaLand Holding Tank Vent Filter and Waste Treatment Systems

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Products Affected: SeaLand Vent Filter Part Nos. **310001** or **310002** (5/8"-16mm), and **310003** or **310004** (1-1/2"-38mm).



CAUTIONARY WARNING: The SeaLand Holding Tank Vent Filter is intended for use in the vent of a holding tank that receives untreated human waste and flush water. **We do not recommend using the SeaLand Vent Filter in installations where the waste coming into the holding tank has been treated through an onboard water treatment system, such as the Lectra/San® Type I Marine Sanitation Device*.** The chemicals that are produced in the treatment process may reach a concentration that causes the filter media to smolder. SeaLand® Brand Holding Tank Deodorants and other similar products intended as deodorizers are acceptable.

Additional Information: Call SeaLand's Customer Service Department at 1-800-321-9886, 8 a.m. to 5 p.m. Eastern Time if you have questions or need additional information.

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Bulletin Number :
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March 2001

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Plastic Protective Cover for SeaLand Toilet Bowls

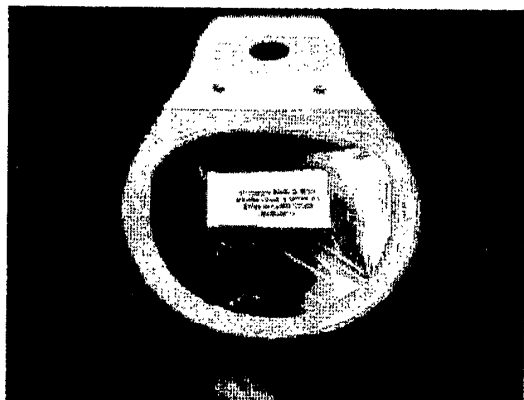
Products Affected: All SeaLand china toilets.

Situation: Toilets will not hold water in the bowl soon after the new vehicle/boat is delivered to the owner.

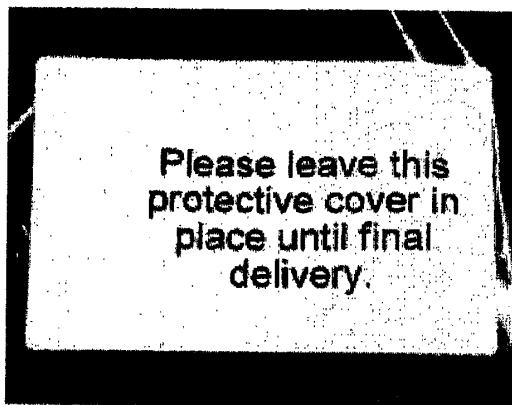
Cause: The ball seal is fouled by debris left in the bowl during installation and construction of the vehicle's interior. Sawdust, dirt, and foreign objects fall into the toilet during construction, thus fouling the ball seal.

Corrective Action: SeaLand will now cover the toilet bowl with a protective plastic film. The film should remain over the bowl until final delivery to the dealership. This will prevent any foreign objects from entering the bowl that could foul the ball seal.

The removal of mounting components and all testing of the toilet can still be performed, because the plastic cover can be lifted and easily resealed.



Lift the plastic cover to retrieve the mounting hardware and pedal cover. However, the cover must then be resealed over the bowl.



This label reminds installers that the plastic should remain in place until the unit arrives at the sales dealership.

Additional Information: Call SeaLand's Customer Service Department at 1-800-321-9886, 8 a.m. to 5 p.m. Eastern Time if you have questions or need additional information.

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