



SeaSucker Vacuum Mount Owner's Guide

Instructions

To Attach	1. Clean the mounting surface and the face of the vacuum cup, if needed (see SeaSucker Maintenance). Apply moisture to the sealing edge of your SeaSucker. CAUTION - test your SeaSucker to see if it deforms surfaces with soft coatings.
	2. Position the cup so the red line will be visible if your SeaSucker loses vacuum while in use.
	3. Pump the plunger until the cup attaches completely to the mounting surface and the red line is hidden in the pump's cylinder.
	4. Check the plunger frequently to make sure the vacuum cup remains securely attached. If the red line appears, pump the plunger again. See WARNINGS for more information.
To Release	1. Secure the load.
	2. Pull one of the release tabs until the vacuum cup loses vacuum pressure and releases from the mounting surface.
When Not in Use	1. Clean your SeaSucker with fresh water after each use in a saltwater environment. See SeaSucker Maintenance for more information.
	2. For maximum longevity, do not store your SeaSucker in the sun when not in use.

Maintenance

For best performance	1. Inspect your SeaSucker regularly.
	2. Examine the pump for cracks or other damage.
	3. Examine the vacuum cup for cracks, cuts or roughness around the sealing edge.
	4. Check vacuum cup for stiffness, dryness or cracks.
	5. Ensure that the screws holding the pump housing to the vacuum cup and any screws attaching accessories to your SeaSucker are securely tightened.

If your SeaSucker does not function properly, check the SeaSucker Troubleshooting Guide below for suggestions on improving performance.

Periodically clean the face of the vacuum cup with a sponge or soft cloth, dish soap and water.

Do not use solvents or abrasive cleaning pads. Clean your SeaSucker with fresh water after each use in a saltwater environment. If the pump feels sluggish or obstructed, pull the plunger straight out of the pump and clean any dirt or salt residue out of the inside of the pump. Clean off the plunger's black rubber gasket and lubricate the gasket with silicone gel.

Do not use petroleum-based lubricants on the gasket.

Insert plunger back into the pump cylinder and push in until seated normally. If the pump gets wet or fills with water, remove the plunger and drain the pump cylinder, clean out and let dry before reinserting the plunger.

Attaching Accessories

For lighter loads, you can attach accessories to your SeaSucker by screwing into the ¼-20 insert on top of the housing.

For more substantial loads, remove the four screws at corners of the housing and remove the housing from the cup and pump assembly. Attach your accessory by bolting it onto the housing through the two slotted holes in the top of the housing. Secure the bolts with nuts from the back of the housing. Replace the housing onto the pump and cup assembly and tighten the four housing screws at the corners.

If the pump comes apart from the vacuum cup, wet the tip of the pump and reinsert it into the receiving hole by gently twisting the pump while pushing it back into the hole.

Precautions

Failure to heed these warnings could damage your SeaSucker or the load, or injure the user.

1. Load Capacity is calculated for SeaSuckers attached to the upper side of horizontally-oriented, static surfaces.
2. Any leverage generated by lifting vertically-oriented loads or by attaching equipment on SeaSuckers will reduce the effective capacity.
3. Do not use your SeaSucker to support a person or loads that exceed its Load Capacity.
4. Do not support loads that could cause injury if your SeaSucker disengages unexpectedly.
5. Do not place your SeaSucker on surfaces that could damage the sealing edge of the vacuum cup.
6. Avoid conditions that could cause your SeaSucker to slip or to disengage prematurely, such as contaminants, cuts or scratches in the mounting surface, applying your SeaSucker to porous materials, or applying pressure against the cup edge.
7. Do not use your SeaSucker when the red line is visible. If the red line reappears frequently, discontinue use and refer to SeaSucker Maintenance and SeaSucker Troubleshooting Guide.
8. Do not allow anything to interfere with the free movement of the plunger while in use.
9. Avoid touching the release tabs while your SeaSucker is in use.
10. Monitor your SeaSucker while in use.
11. Do not use solvents or other harsh chemicals to clean the vacuum cup.

Troubleshooting

Problem	Probable Cause	Solution
Slow Leakage	Dry surface or mounting cup.	Apply moisture to the mounting surface or the sealing edge of the vacuum cup.
	Nicks or cuts on edge of vacuum cup.	Replace the vacuum cup.
	Dirt in pump.	Clean the plunger assembly and inside of the pump cylinder.
	Dry pump.	Apply a light coating of silicone lubricant to the gasket.
	Scratches inside cylinder.	Replace the pump.
	Dirty vacuum cup.	Clean the vacuum cup.
	Dirty or uneven mounting surface.	Clean the mounting surface, move your SeaSucker to a smooth, clean, flat surface, or apply moisture to the mounting surface or the sealing edge of the vacuum cup.
Severe Leakage	Nicks or cuts on edge of vacuum cup.	Replace the vacuum cup.
	Damaged pump.	Replace the pump.
	Dirty or Uneven Surface.	Clean the mounting surface or move your SeaSucker to a smooth, clean, flat surface.
Jammed or Sluggish Pump	Dry pump	Apply a light coating of silicone lubricant to the gasket.
	Clogged or obstructed valve stem.	Remove the obstruction.
	Dirt in pump.	Clean the plunger assembly and the inside of the pump cylinder.
Vacuum Cup Slips When Attached	Dirty mounting surface.	Clean the mounting surface.
	Dirty vacuum cup.	Clean the vacuum cup.