

OPERATING INSTRUCTIONS

To Attach

1. Clean the mounting surface and the vacuum pad, 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 mount so the orange band will be visible if your SeaSucker loses vacuum while in use.
3. Pump the plunger until the mount attaches completely to the mounting surface and the orange band is hidden in the pump's cylinder.
4. Check the plunger frequently to make sure the vacuum mount remains securely attached. If the orange band 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 mount 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.
3. Put the protective covers back on the vacuum mounts when not in use. Make sure the vacuum pad is fully seated in the cover.

WARNINGS

- Failure to heed these warnings could damage your SeaSucker or the load, or injure the user.
- Load Capacity is calculated for SeaSuckers attached to the upper side of horizontally-oriented, static surfaces. Any leverage generated by lifting vertically-oriented loads or by attaching equipment on SeaSuckers will reduce the effective capacity.
- Do not use your SeaSucker to support a person or loads that exceed its Load Capacity.
- Do not support loads that could cause injury if your SeaSucker disengages unexpectedly.
- Do not place your SeaSucker on surfaces that could damage the sealing edge of the vacuum pad.
- Avoid conditions that could cause your SeaSucker to slip or to disengage prematurely, such as contaminants, cuts or scratches on the mounting surface, applying your SeaSucker to porous materials, or applying pressure against the vacuum pad's edge.
- Do not use your SeaSucker when the orange band is visible. If the orange band reappears frequently, discontinue use and refer to *SeaSucker Maintenance* and *SeaSucker Troubleshooting Guide*.
- Do not allow anything to interfere with the free movement of the plunger while in use.
- Avoid touching the release tabs while your SeaSucker is in use.
- Monitor your SeaSucker while in use.
- Do not use solvents or other harsh chemicals to clean the vacuum pad.

SEASUCKER MAINTENANCE

For best performance, inspect your SeaSucker regularly. Examine the pump for cracks or other damage. Examine the vacuum pad for cracks, cuts or roughness around the sealing edge. Check vacuum pad for stiffness, dryness or cracks. Ensure that the screws holding the pump housing to the vacuum pad 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 vacuum pad 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 black rubber seal on the plunger's tip and lubricate the seal with silicone gel, such as Lube Tube. **Do not use petroleum-based lubricants on the seal.** 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 pad 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 pad and pump assembly and tighten the four housing screws at the corners. If the pump comes apart from the vacuum pad, 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.

TECHNICAL SPECIFICATIONS

Load Ratings:

Cup Size	Load Capacity*
4 ½"	40 lbs
6"	70 lbs

*These ratings include a 3:1 safety factor and assume: (1) attachment to a clean, smooth, nonporous flat surface; (2) a minimum vacuum level of 17.5" Hg [-59 kPa]; and (3) a friction coefficient of 1. See WARNINGS below for more information.

Use your SeaSucker on clean, relatively smooth, nonporous surfaces, at temperatures between 0° and 120° F. Contaminants can cause your SeaSucker to slip or lose vacuum pressure. The orange band indicator might not perform reliably at elevations above 5000 feet.

SEASUCKER TROUBLESHOOTING GUIDE

Problem	What Might Be Wrong	How To Fix It
Slow Leakage	Dry mounting surface or vacuum pad	Apply moisture to the mounting surface or the sealing edge of the vacuum pad.
	Nicks or cuts on edge of vacuum pad	Replace the vacuum pad.
	Dirt in pump	Clean the plunger assembly and inside of the pump cylinder.
	Dry pump	Apply a light coating of silicone lubricant to the seal on the tip of the plunger.
	Scratches inside cylinder	Replace the pump.
	Dirty vacuum pad	Clean the vacuum pad.
	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 pad.
Severe Leakage	Nicks or cuts on edge of vacuum pad	Replace the vacuum pad.
	Damaged pump	Replace the pump.
	Dirty or uneven mounting 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 seal on the tip of the plunger.
	Clogged or obstructed valve stem	Remove the obstruction.
	Dirt in pump	Clean the plunger assembly and inside of the pump cylinder.
Vacuum Cup Slips When Attached	Dirty mounting surface	Clean the mounting surface.
	Dirty vacuum pad	Clean the vacuum pad.

WARRANTY

SeaSucker offers a lifetime, non-transferable warranty to the original purchaser covering defects in materials and workmanship. Defective products can be returned to SeaSucker for replacement or repair (at SeaSucker's option). Warranty claims must be accompanied by a sales receipt or other proof of purchase document. The cost of transportation to and from SeaSucker for the repair or replacement of any defective part or accessory is not covered by this warranty and is to be paid by the owner.

This warranty does not apply to damage or failure resulting from routine wear and tear expected in the normal use of this product, or to lack of maintenance, user error, alteration or modification of the product, accidents, misuse, abuse, or neglect.

This warranty is given in lieu of all other written or oral warranties, express or implied, including without limitation implied warranties of merchantability and fitness for a particular purpose, and are limited to the duration and specifications of this warranty.

Purchaser's exclusive remedy under this warranty is the repair or replacement of a defective product or, at SeaSucker's option, the issuance of a refund or credit for the purchase price of the product. SeaSucker's liability for any damages relating to any allegedly defective product, whether arising from the use or the inability to use the product and whether claimed under tort, contract or any other legal theory, shall be limited to the actual price paid for such product and shall in no event include loss of use, loss of time, incidental, consequential, special, or indirect damages of any kind, even if SeaSucker is aware of the possibility of such damages, to the full extent as such may be disclaimed by law.

It is the user's responsibility to ensure that the use of this product is not prohibited by any applicable local or state law.

REPAIR AND REPLACEMENT

Products with non-warrantable damage may still be repaired or replaced at your expense. Discounted replacement parts, including vacuum pads, pumps, and hardware, can be found on-line in the Replacement Parts section of SeaSucker's on-line store at www.seasucker.com.

★ MADE IN THE USA ★