

**What's in the Box:**

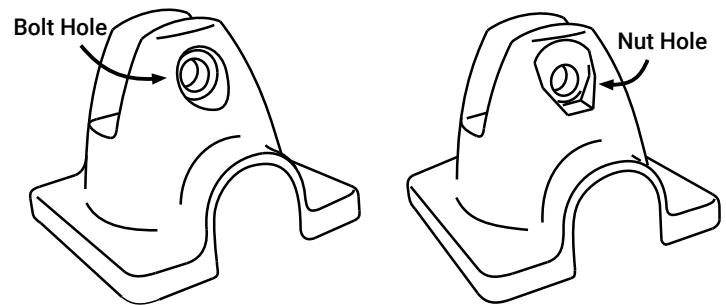
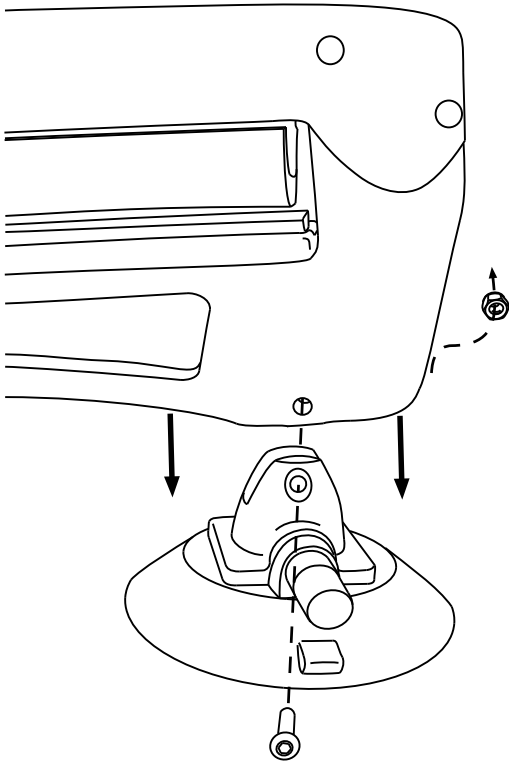
Your SeaSucker Classic Ski Rack comes with the following components and accessories:

- (2) ski carriers
- (4) SeaSucker vacuum mounts
- (4) 1.25" 1/4-20 stainless bolts
- (4) 1/4-20 nylon insert lock nuts
- (1) 5g Lube Tube (for vacuum pump maintenance)
- (1) SeaSucker vacuum pump (for replacement/spare)
- 5/32 Allen wrench (for bolts)

# Classic Ski Rack

**Assembly**

Position one of the vacuum mounts under one of the ski carriers. Press the ski carrier down into the slot on the top of the vacuum mount, taking care to align the mounting hole on the ski carrier with the bolt hole on the vacuum mount. Push one of the bolts through the **bolt hole** - the drawing below shows the difference between the bolt hole and the nut hole on the vacuum mount. Press the nut into the nut hole and turn the bolt a few times to start it threading into the nut. Use the supplied Allen wrench to tighten the bolt securely. Repeat with the other three vacuum mounts.

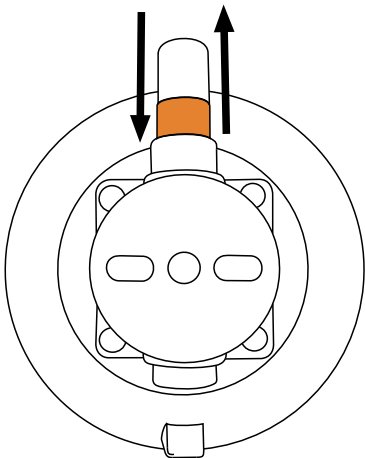
**Attaching Your Rack: Clean and Pump**

Clean the surface you're going to mount the rack to. Dust and dirt will affect your SeaSuckers' ability to create and hold vacuum.

Remove the protective cover from each SeaSucker and inspect the rubber vacuum cup for damage or dirt. Do not use your rack if there is any visible damage to the vacuum cup. If the vacuum cup is dirty, clean it with a mild soap and water solution and a soft cloth or sponge.

Press the vacuum cup against the mounting surface to make a full seal; you may need to press firmly down on the body of the rack to ensure that the vacuum cup is fully connecting with the mounting surface when pumping.

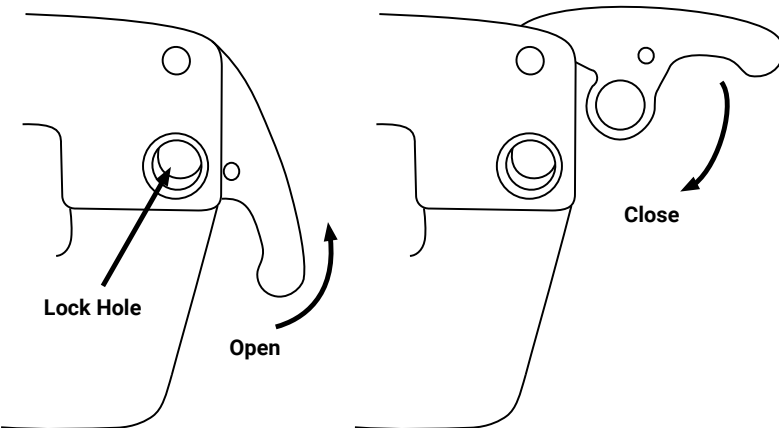
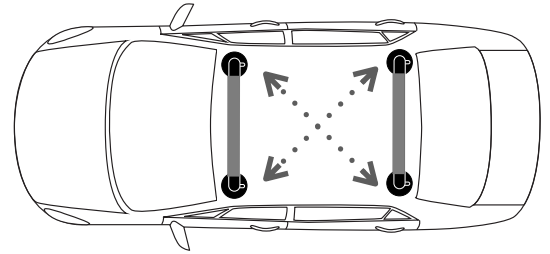
Pump the SeaSucker repeatedly until the plunger does not spring back and the indicator band is hidden inside the pump cylinder. Repeat this for all SeaSuckers on the rack. If the plunger won't stay seated in the pump cylinder or continues to extend out immediately after pumping, you may need to clean the mounting surface or the vacuum cup or pump, perform basic maintenance on the vacuum cup or pump, or move the vacuum cup to a more suitable mounting position. Do not use your rack without correcting the problem!



### Where to Attach

The SeaSucker Classic Ski rack is specifically designed to attach to a car's roof top. Ideally, the vacuum cups on your rack should be attached in the front and back corners of your car's roof, where the roof is most solid, as in the mounting diagram. The metal of some car roofs may be thin enough in the middle of the roof that the weight of the rack and skis/snowboards can cause non-permanent bowing in the metal.

Each vacuum mount on your SeaSucker rack should attach to clean, unobstructed metal or glass surface. The vacuum mounts will not attach over a seam or other surface incongruity. Space the front and back carriers so that the shortest pair of skis or snowboard can be closed in the rack with several inches to spare.



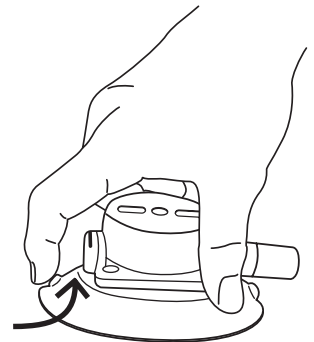
### Mounting Your Skis or Snowboards on the Carrier

Open the carriers and place your skis or snowboards on top of the rubber padding. Each carrier has 24" of holding space. Center your skis or snowboard between the front and back carriers. To close the carrier, push firmly on the top bar until the lock holes align on the latch side. Push the latch lever down until it snaps into place and lever's hole aligns with the lock holes. You can lock your ski rack by passing a cable lock through the lock holes.

### Removing Your Rack: Lift and Cover

Remove your skis and snowboards from the rack by unlocking and opening each carrier. With your fingertip, use one of the tabs on the SeaSucker's vacuum pad to lift the edge of the pad up from the mounting surface and break the vacuum seal.

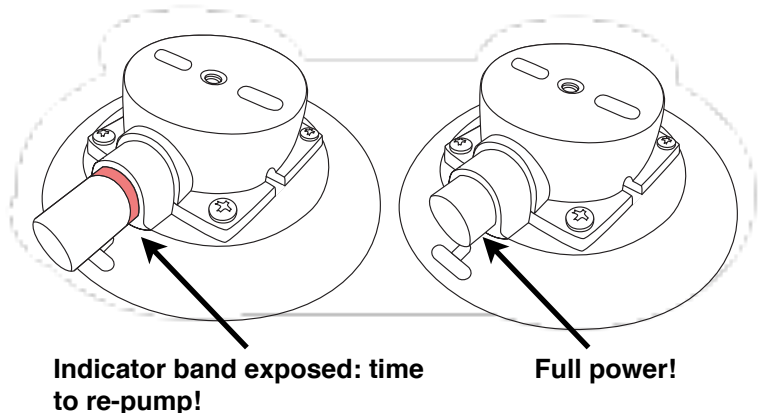
Always put the protective covers back on when the rack is not attached to your car to protect the vacuum pad's rubber. Make sure the pad is fully seated in the protective cover before storing it. The edge of the vacuum pad could be damaged or deformed if the vacuum pad isn't fully seated in the protective cover.



### Check for the Indicator Band During Use

SeaSucker vacuum mounts are not intended to be permanent fixtures on your car - they will lose vacuum over time. When your vacuum mount loses vacuum, it will warn you by extending the pump's plunger, exposing an orange band. You are required to monitor your vacuum mounts during use. When getting in or out of your car, check to see if the indicator band is visible on any of the rack's vacuum mounts. If you see the band, simply pump the SeaSucker as described above.

If the indicator band appears less than four hours after being pumped to full strength, either cleaning, maintenance or repositioning may be required. If your rack is mounted on a scratched surface, move the rack to a more suitable position. If the mounting surface or vacuum mount is dirty, clean it. If these steps don't stop the vacuum mount from losing vacuum prematurely, discontinue use until the problem is resolved. Replace the pump on the suspect vacuum mount with the spare that came with your rack if necessary - additional replacement parts can be purchased in the Replacement Parts section of our on-line store.



### **Weather Conditions**

SeaSucker products can be used in cold weather, but the vacuum pads will stiffen in colder temperatures. If you remove the rack when not in use, the vacuum cups will need to be at approximately room temperature to re-mount (because the rubber vacuum pads need to be supple enough to conform to the mounting surface when you attach them). We recommend that you store your rack at room temperature (60F+) prior to use. You will not be able to properly attach the vacuum cups if they are too cold. Mounting surfaces must be free of ice, snow, dirt and any other potential obstruction to making a full vacuum seal.

Rain and wet weather should not affect the performance of your SeaSucker rack. If rain or water gets inside any of your vacuum pumps, pull the plunger out and dry the inside of the pump cylinder with a paper towel. Re-lube the plunger's seal if necessary and reinsert the plunger in the pump cylinder. Screws or other metal parts that show signs of rusting or corrosion should be replaced.

### **Care and Maintenance**

To get the most out of your SeaSucker rack, inspect it regularly and store it with the vacuum mounts' protective covers on. Check that all screws are securely tightened, including the bolts attaching the vacuum pads to the SeaSucker housing, the SeaSuckers to the hinge, and the hinge to the carrier.

Clean the vacuum pads before each use with a sponge or soft cloth, mild dish soap and water. Do not use harsh solvents or abrasive cleaning pads. Make sure there is no dirt or debris on the sealing edge (the bottom outside edge) of the vacuum pad. Inspect the sealing edge for stiffness, cracks, roughness, or cuts – a cut will allow air to leak under the vacuum pad and will prevent your SeaSucker from holding vacuum. A damaged vacuum pad should be replaced. Additional replacement SeaSuckers, vacuum pads, and vacuum pumps can be purchased on-line at [www.seasucker.com](http://www.seasucker.com) in the Replacement Parts section of our on-line store.

The vacuum pump should be cleaned regularly. To clean the pump, pull the plunger straight out of the pump cylinder. Clean the inside of the cylinder with dish soap and a soft cloth or paper towel. Make sure to dry out the cylinder – water left in the cylinder can cause the pump to make a popping noise when pumped and may interfere with the check-valve function of the pump. One replacement SeaSucker vacuum pump comes with your rack.

The plunger should be wiped clean and the black rubber seal at the tip of the plunger should be re-lubed with a thin layer of silicone-based gel lubricant, such as the Lube Tube that came with your rack. Additional tubes of Lube Tube can be found on-line in the Replacement Parts section at [www.seasucker.com](http://www.seasucker.com). After cleaning, push the plunger back into the cylinder and pump it several times to seat it properly and distribute the lubricant.

**The Lube Tube supplied with your rack is for vacuum pump maintenance only -  
DO NOT apply lube to 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 and pumps can be found on-line in the Replacement Parts section of SeaSucker's on-line store at [www.seasucker.com](http://www.seasucker.com).

## IMPORTANT WARNINGS

- Do not exceed the posted speed limit.
- Do not use if the indicator band is exposed on any of your SeaSucker's pumps.
- Do not use if all of the rack's mounts cannot maintain a full vacuum seal for at least 4 hours.
- Clean the mounting surface before attaching.
- Clean SeaSuckers before attaching.
- Clean and lube your SeaSuckers' pumps regularly.
- Inspect screws, nuts, and bolts regularly and retighten if necessary.
- Make sure the vacuum pads are fully seated in the protective covers when not in use.

## Your Responsibilities

You must read and follow the instructions in this user manual. You must attach the rack correctly to your vehicle, check it before each use, and perform any necessary maintenance. The correct attachment of the rack to your vehicle is critical and is in your exclusive control.

You must secure your skis and snowboards correctly in the rack. The correct attachment of skis and snowboards to your rack is critical and is in your exclusive control.

You must inspect the indicator bands on all SeaSuckers when entering and exiting your vehicle. A quick glance will tell you if the rack is at full power. If the indicator band is visible, you must re-pump the SeaSucker before the rack can be used.

You may need to clean, repair, or replace any of your SeaSucker vacuum mounts that do not hold vacuum for at least 4 hours. Your rack comes with an extra SeaSucker vacuum pump; keep it with your rack in case you accidentally damage one.

You must obey all posted speed limits and traffic conditions; if there is no posted speed limit, we recommend not driving above 85 miles per hour. You must adapt your driving style and speed to road conditions, weather conditions, and the load on your SeaSucker rack.

TROUBLESHOOTING GUIDE	Problem	What Might Be Wrong	How To Fix It
	Slow Leakage	Dry mounting surface or vacuum pad	Moisten the mounting surface or the vacuum pad
		Nicks or cuts on vacuum pad	Replace the vacuum pad
		Dirt in pump	Clean and re-lube the plunger and pump cylinder
		Dry pump	Re-lube the plunger seal
		Dirt on vacuum pad	Clean the vacuum pad
		Dirty or uneven mounting surface	Clean the mounting surface or move to a more suitable spot
	Severe Leakage	Nicks or cuts on vacuum pad	Replace the vacuum pad
		Damaged pump	Replace the vacuum pump
		Dirty or uneven mounting surface	Clean the mounting surface or move to a more suitable spot
	Jammed or Sluggish Pump	Dry pump	Re-lube the plunger seal
		Obstructed valve stem	Remove the obstruction; clean and re-lube the pump
		Dirt in pump	Clean and re-lube the plunger and pump cylinder



Designed and manufactured by:  
**SeaSucker, LLC**  
Bradenton, Florida  
[www.SeaSucker.com](http://www.SeaSucker.com)

