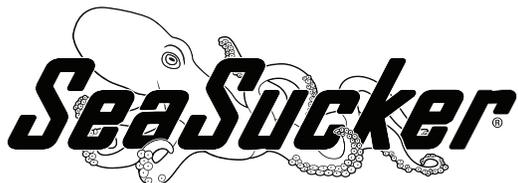


READ THIS BEFORE USING YOUR PALLAVICINI SKI RACK!



Manufactured by:
SeaSucker, LLC
Bradenton, Florida

What's in the Box:

Your Pallavicini Ski Rack comes with the following components and accessories:

- (2) Pallavicini Rack decks
- (4) 6" SeaSucker vacuum mounts with mounting bracket attached
- (4) Retaining cords with pads
- (2) Ball bungees
- (1) 5/32 Allen key for assembly
- (1) 5g Lube Tube (for vacuum pump maintenance)
- (1) SeaSucker vacuum pump (for replacement/spare)

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 your rack's vacuum cups cannot maintain a full vacuum seal for at least 6 hours at a time.
- Check the indicator band during use.
- Clean the mounting surface before attaching.
- Clean vacuum pads before attaching.
- Clean and lubricate your SeaSuckers' pumps regularly.
- Remove racks when not in use.
- Attach protective covers on vacuum pads when not in use.
- Inspect screws regularly and retighten if necessary.
- Do not exceed the maximum load limit of 35 kg/77 lbs.
- Detach your Pallavicini Ski Rack before using a car wash.

The Rack's Responsibility

With all SeaSucker vacuum mounts fully engaged, the rack will securely hold skis or snowboards at speeds up to 70 mph. The rack will indicate if the SeaSuckers are not maintaining vacuum: the indicator band on the pump of each SeaSucker will extend out and become visible upon loss of vacuum. If you see the indicator band, you must re-pump the SeaSucker before the rack can be safely used again.

Your Responsibility

You must inspect the indicator bands on all SeaSucker vacuum mounts 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. If any of your SeaSuckers do not hold vacuum for at least 4 hours, they may need to be cleaned, repaired, or replaced. Your rack comes with an extra SeaSucker vacuum pump; keep it with your rack in case you accidentally damage one of your vacuum mounts' pumps.

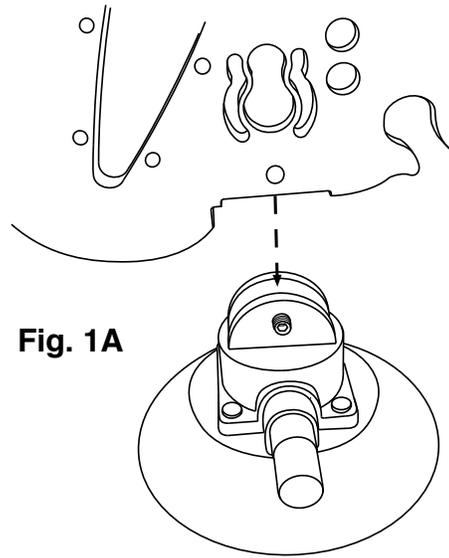


Fig. 1A

Assembling your Rack

Your Pallavicini Ski Rack needs minor assembly before use. Each rack deck will have two SeaSucker vacuum mounts attached to it. Hold the rack deck so that the side with the mounting hole is facing the same direction as the pump on the vacuum mount (see Figure 1). This will ensure that the set screw and mounting hole are on the same sides. Check that the set screw in the bracket is not protruding past the inside wall of the bracket; if it is, turn it counter-clockwise with the supplied 5/32 Allen key to back it off until it is flush with the inner wall. Drop the deck down onto the bracket on the vacuum mount, making sure that the deck is fully seated in the bracket. Using the 5/32 Allen key, turn the set screw clockwise until it tightens. If the set screw does not screw all the way inside the wall of the bracket, your deck is not properly seated on the bracket. Untighten the set screw and try again. When properly installed, the top of the set screw will be approximately 1/16" inside the edge of the deck. Tighten firmly by hand. Repeat for the remaining three vacuum mounts.

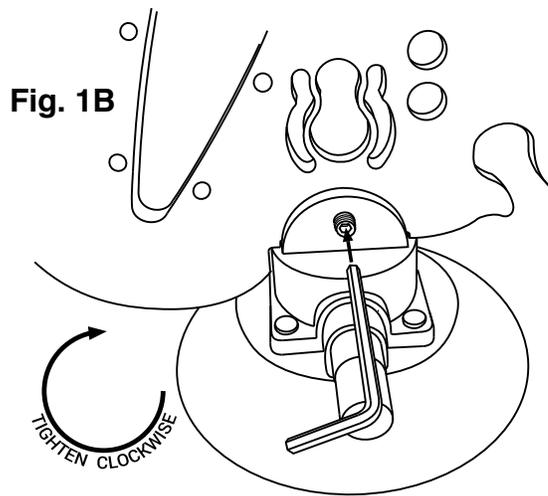


Fig. 1B

Setting Up Your Rack: Mounting Your Skis or Snowboards on the Carrier

Skis and Snowboards are carried in the rack's two outer padded slots. Each slot will hold one pair of skis, back to back, or one snowboard. Place your skis or snowboard in one of the outer slots. Push the Inside Snap Knob through the bottom part of one of the peanut-shaped holes on the same side of the rack (see Figure 2). Line up the wide groove in the snap knob with the rack deck and press up into the top of the hole until it snaps into place. Stretch the retaining cord over your skis or snowboard, making sure to line up the pad with the top edge of your skis or snowboard, and snap the Outside Snap Knob into one of the three snap slots on the outside of the rack.

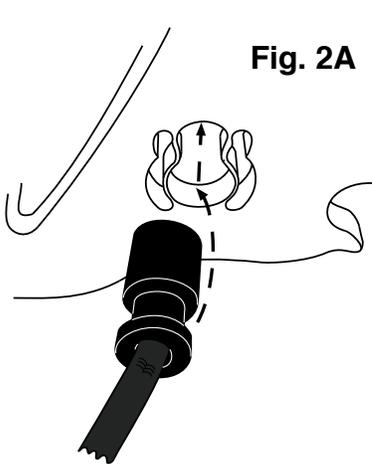


Fig. 2A

The first time you use the rack, you should determine the proper set up for your gear by trial and error. Move the Inside Snap Knob and Outside Snap Knob into higher or lower holes to adjust the tension of the retaining cord. Your skis or snowboard should be held firmly in the rack by the retaining cord, with no movement up from the bottom of the slot when you pull up on your skis or snowboard with mild pressure.

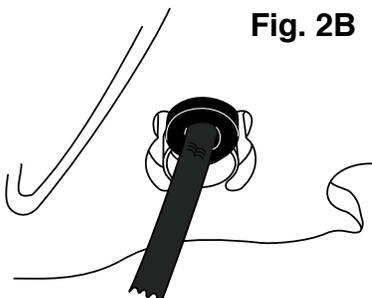


Fig. 2B

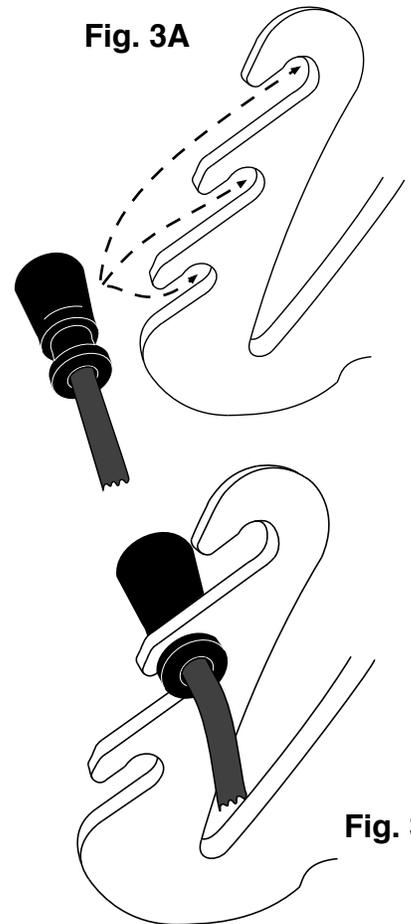
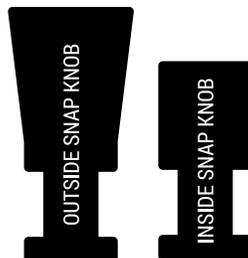


Fig. 3A

Fig. 3B

Skis poles are held in the center slot (see Figure 4). Place the poles in the slot of one rack with the tips and baskets on the outside of the deck. Both poles should be in the same bottom slot; when carrying two sets of poles, one set goes in each half of the slot. In the other rack, place the poles in the center slot with the grips on the outside of the deck. On each deck, insert the tip of the Ball Bungee's cord through the bottom of the two stacked 1/2" holes, then push the cord tip through the top hole from the other side (see Figure 4). With the loop protruding from the top hole, push the ball end of the cord through the loop and pull tight to secure the Ball Bungee. Wrap the cord over and around the poles and secure the ball in one of the two slots at the bottom of the rack.

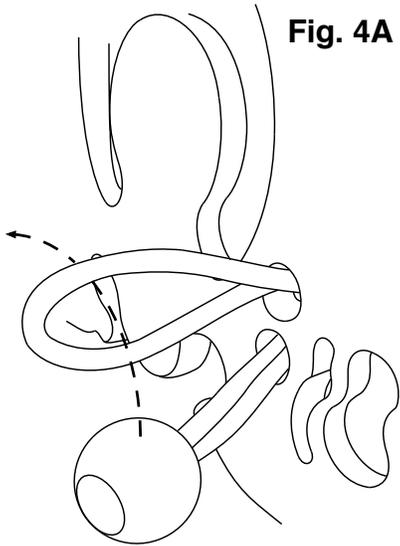


Fig. 4A

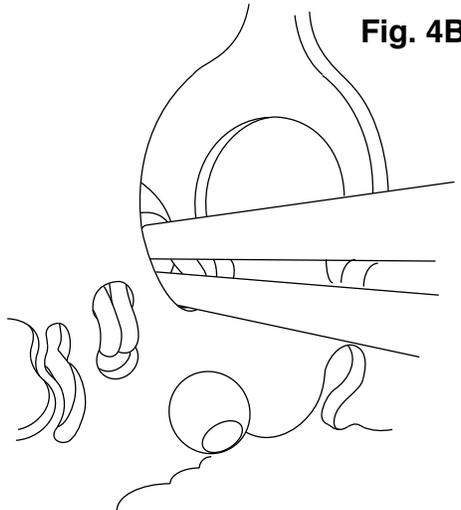


Fig. 4B

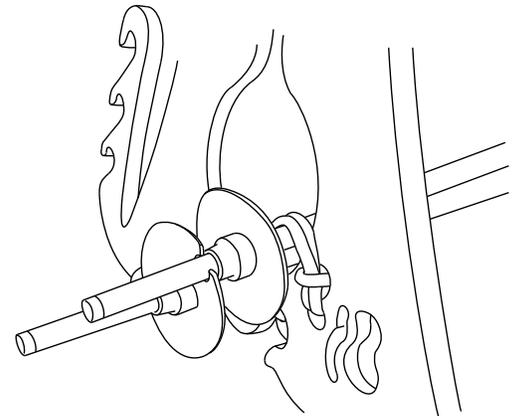
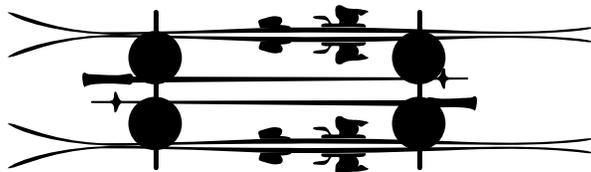
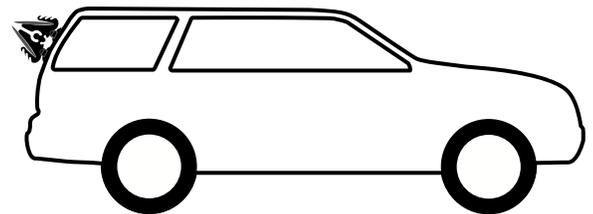
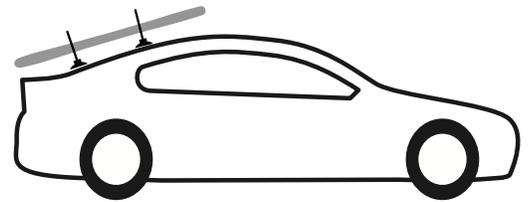
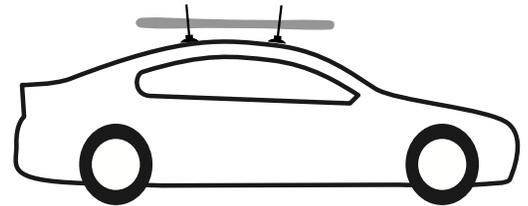


Fig. 4C

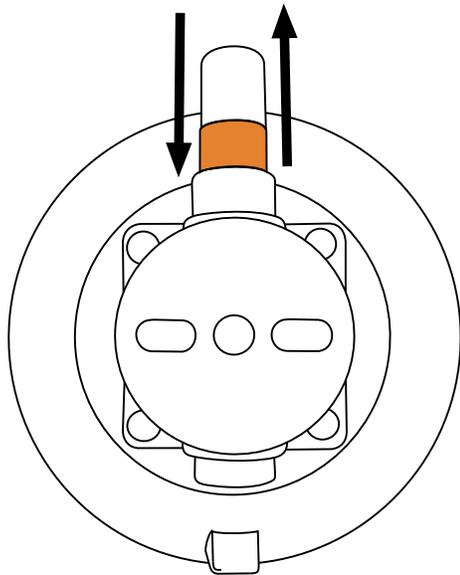
Where to Attach

The Pallavicini 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. 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. Another recommended mounting position is on the car's trunk or rear deck, with the skis or snowboards extending forward onto the rear windshield or the back part of the roof. The rack can also be mounted on the rear window of an SUV or hatchback so long as the rack and skis/snowboards are positioned low enough to be out of the wind stream when the vehicle is in motion. Please see the mounting position diagrams for a graphic representation of these recommendations.

Each vacuum cup on your SeaSucker rack should attach to clean, unobstructed metal or glass surface. The vacuum cups will not attach over a seam or other surface incongruity. Attaching your rack to a sunroof is done at your own risk and we strongly recommend that you test the strength and suitability of your sunroof first.



The Pallavicini Ski Rack is designed to carry two sets of skis and poles, or two snowboards. Position the carriers so that the shortest set of skis, set of poles, or snowboard fits securely in the slots of both carriers.



To Attach Your Rack: Clean and Pump!

Clean the surface you're going to mount the rack to. Dust and dirt will affect your vacuum mounts' 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!

Weather Conditions

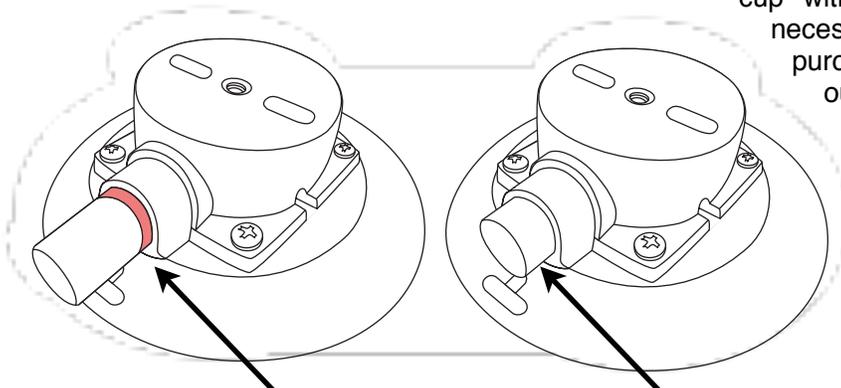
SeaSuckers can be used in cold weather, but the vacuum pads will stiffen in colder temperatures. If you remove the rack when not in use, the vacuum cups will need to be at approximately room temperature to re-mount (because the rubber vacuum pads need to be supple enough to conform to the mounting surface 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.

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 cup loses vacuum, it will warn you by extending the pump's plunger, exposing an orange band. You are required to monitor your vacuum cups 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 cups. If you see the band, simply pump the SeaSucker as described above.

If the indicator band appears less than six 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 cup is dirty, clean it. If these steps don't stop the vacuum cup from losing vacuum prematurely, discontinue use until the problem is resolved. Replace the suspect vacuum cup 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. The [Care and Maintenance](#) section of this user guide contains more information, as does SeaSucker's website located at www.seasucker.com.



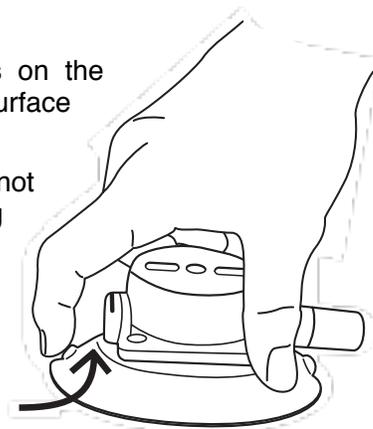
Indicator band exposed: time to re-pump!

Full power!

To Remove Your Rack: Lift and Cover!

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

Always put the protective covers back on your SeaSuckers when the rack is not attached to your car to protect the rubber of the vacuum cup from getting nicked or cut and to help the vacuum pad maintain its original shape. Make sure the vacuum pad is fully seated in the protective cover before storing it. The edge of the vacuum cup could be damaged or deformed if the protective cover isn't properly installed. If you lose or damage your protective covers, store your rack so that the vacuum cups do not come into contact with any object or surface.



Care and Maintenance

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

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 cup and will prevent your SeaSucker from holding vacuum. A damaged vacuum pad should be replaced.

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.

The plunger should be wiped clean and the black rubber seal at the tip of the plunger should be re-lubricated with a thin layer of silicone-based gel lubricant, such as the Lube Tube that came with your rack. After cleaning, push the plunger back into the cylinder and pump it several times to seat it properly and distribute the lubricant.

One replacement SeaSucker vacuum pump comes with your rack. Additional replacement SeaSuckers, vacuum pads, and vacuum pumps can be purchased on-line at www.seasucker.com in the Replacement Parts section of our on-line store. Additional tubes of Lube Tube can be found on-line in the Replacement Parts section at www.seasucker.com.

Scan this barcode or go to this URL for a video showing recommended cleaning techniques:

<https://youtu.be/KzTszyWAAzc>



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

Warranty

SeaSucker offers a lifetime, non-transferable warranty 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 normal use, routine wear and tear, lack of maintenance, user error, alteration of the product, accidents, 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. 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.

Repair and Replacement

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

Returns

If you purchased this product directly from SeaSucker and have not used it yet, you can return it for exchange or refund within 30 days of purchase. To request a Return Authorization for a return, exchange, or repair, visit https://seasucker.formstack.com/forms/rma_request.