

# READ THIS BEFORE USING YOUR TRIKE RACK!

## The Rack's Responsibility

With all SeaSucker vacuum mounts fully engaged, the rack will securely hold tricycles of up to 40 pounds at speeds of not more than 75 mph. The rack will indicate if the SeaSuckers are not maintaining vacuum: each SeaSucker has a power indicator band in the pump that 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 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. If any of your SeaSuckers do not hold vacuum for at least 4 hours, they may need to be cleaned, repaired, or replaced.



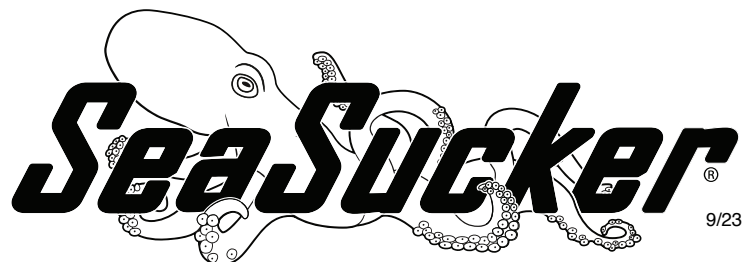
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[www.SeaSucker.com](http://www.SeaSucker.com)

## 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 mounts cannot maintain a full vacuum seal for at least 4 hours at a time.
- Check the indicator band during use.
- Clean the mounting surface before attaching.
- Clean SeaSuckers before attaching.
- Clean and lube your SeaSuckers' pumps regularly.
- Attach protective covers when not in use.
- Make sure the vacuum pads are fully seated in the protective covers when not in use.
- Inspect screws regularly and retighten if necessary.
- Do not use for tricycles over 40 pounds.
- Make sure your trike is fully secure before you drive.

### What's In the Box:

- (2) Trike platforms with two vacuum mounts attached
- (2) Wheel hooks
- (2) 1/4-20 hex head bolts
- (2) 1/4-20 locking nuts
- (2) flat washers
- (1) Rear Wheel Strap
- (1) Spare vacuum pump
- (1) 5g Lube Tube



## Where to Attach

The Trike Rack is designed to attach to a car's roof top. Position the rack's two wheel hooks near the front windshield where the roof has more internal support. The metal in the middle of some car roofs may not be sturdy enough to support the weight of your tricycle and rack. The passenger-side wheel hook should be pointing towards the front of the vehicle and the driver's side wheel hook should be pointing towards the rear of the vehicle; when done properly, the pumps on the two platforms will be pointing away from each other.

- **DO NOT** mount tricycles with the rear wheel facing the front of the vehicle.
- **DO NOT** mount tricycles sideways.

Each vacuum mount on your rack should attach to a clean, unobstructed metal or glass surface. The vacuum mounts 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.

## To Attach Your Rack: Clean, Wet, and Pump!

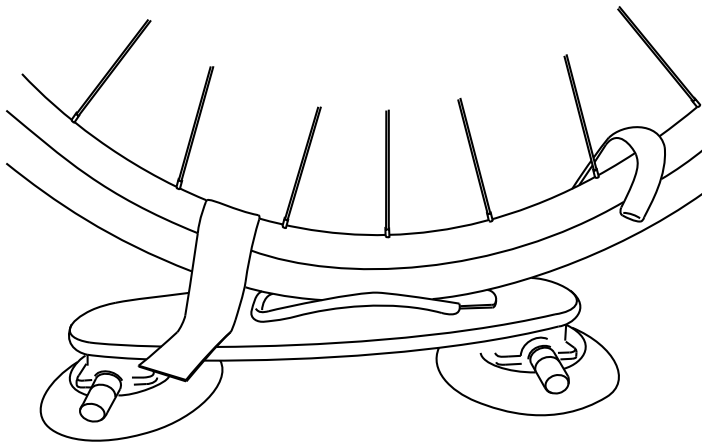
Clean the surface you're going to mount the rack to. Dust and dirt will affect your SeaSuckers' ability to create and hold vacuum. Remove the protective cover from each SeaSucker and inspect the rubber vacuum pad for damage or dirt. Do not use your rack if there is any visible damage to the vacuum pad. If the vacuum pad is dirty, clean it with a mild soap and water solution and a soft cloth or sponge.

Moisten the bottom edge of each vacuum pad or the mounting surface with water - do not use cleaners, lubricants or other liquids. Press the vacuum pad 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 pad is fully connecting with the mounting surface when pumping. Pump the SeaSucker repeatedly until the plunger doesn't 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 pad or pump, perform basic maintenance on the vacuum pad or pump, or move the rack to a more suitable mounting position. Do not use your rack without correcting the problem!

## Mounting Your Trike on a SeaSucker Rack

We recommend that you wait to vacuum down your passenger-side hook platform and wheel strap until your trike is in the rack so that you can position the rack and trike properly. Once positioned in the wheel hooks, your trike should not be able move forward or backward.

Start by placing your trike's left-side wheel into the driver's-side hook. The hook goes through your spokes and onto the rim, and your tire should rest in the middle of the platform. Push the outside Velcro strap through your spokes towards the center of the roof and pull the inside strap tightly over the first and smooth it down for a solid connection. Repeat this step for the passenger-side platform, making sure that your wheel hooks are tight against your wheels' rims. If you haven't already, make sure to vacuum down the passenger-side platform.



Place the wheel strap under your trike's single tire after you mount your trike in the rack. Attach the SeaSucker as described above, then firmly pull one side of the Velcro strap through your spokes and over the rim and then smooth the second Velcro Strap over the first. The Velcro strap may allow your wheel to move from side to side slightly.

## Weather Conditions

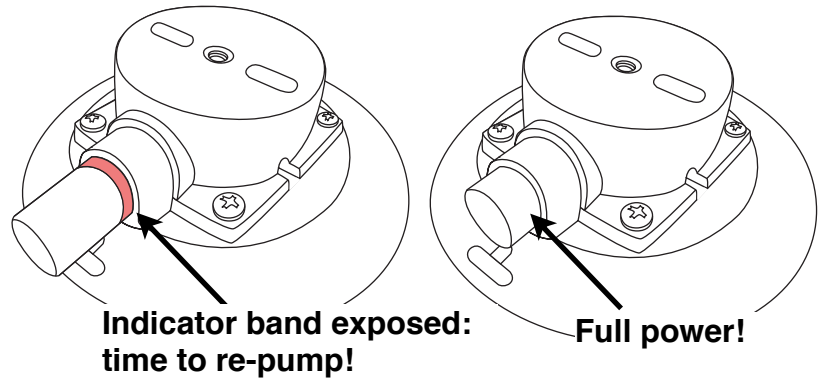
SeaSuckers can be used in cold weather. The vacuum pads will stiffen in colder temperatures. Because the vacuum pads need to conform to the mounting surface when you attach them, it is highly

recommended that you store your rack at room temperature (60F+) prior use. You will not be able to properly attach the vacuum mounts 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 gasket 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 mount loses vacuum, it will warn you by extending the pump's plunger, exposing a white (on black SeaSuckers) or orange (on white SeaSuckers) 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.

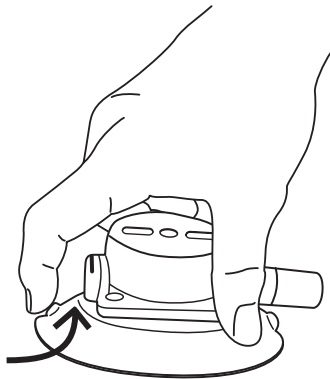
If the indicator band appears less than 4 hours after being pumped to full strength, either cleaning, maintenance or repositioning may be required. If your rack is mounted on a scratched surface, move the rack to a more suitable position. If the mounting surface or vacuum mount is dirty, clean it. If these steps don't stop the vacuum mount from losing vacuum prematurely, discontinue use until the problem is resolved. Replacement parts can be purchased in the Replacement Parts section of our on-line store.



### To Remove Your Rack: Lift and Cover!

Remove your trike from the rack by unstrapping the Velcro from the platforms and the single wheel. 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 protective covers back on when the rack is not attached to your car to protect the rubber of the vacuum 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.



### 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 screws attaching the vacuum pads to the SeaSucker housing, the screws attaching the SeaSuckers to the rack platform or bars.

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 pad and will prevent your SeaSucker from holding vacuum. A damaged vacuum pad should be replaced. One replacement SeaSucker comes with your rack. Additional replacement SeaSuckers, vacuum pads, and vacuum pumps can be purchased on-line at [seasucker.com](http://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.

The plunger should be wiped clean and the black rubber gasket 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 [seasucker.com](http://seasucker.com). After cleaning, push the plunger back into the cylinder and pump it several times to seat it properly and distribute the lubricant.

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 or products that are no longer within the warranty period 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.

### Locking Your Trike and Rack

Because SeaSucker trike racks cannot be permanently attached to your car, you should exercise caution when leaving your trike or rack unattended. When not using your rack, we recommend that you remove and properly store the rack in your home or car. You can lock your trike and rack to your car using one of SeaSucker's Cable Anchors. Cable Anchors provide a sturdy steel loop for attaching a cable-type lock.

We love it when people share pics and videos of their SeaSucker racks on social media.  
Tag us on Instagram and Facebook: **@seasucker**