



Revo-Rack

Installation instructions



You must read this before using your Revo-Rack.

Your responsibility :

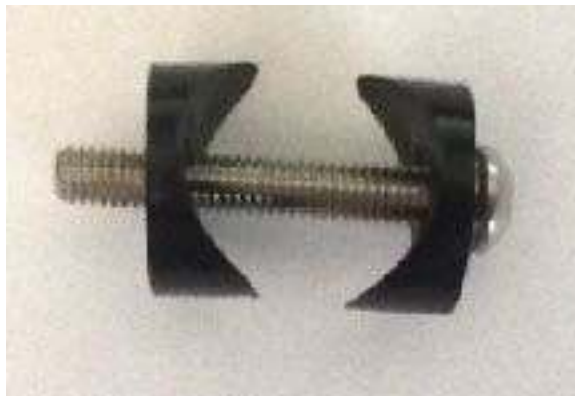
- Do not exceed the indicated speed limit
- The Revo-Rack and load must not exceed 25kg.
- The rack weight is 4kg so the load must not exceed 21kg.
- Check the vacuum cup indicator bands regularly a minimum of every 2 hours the red warning line must never be visible. Re pump immediately if it's visible. You may need to remove the cup re moisten and re pump to get a better seal.
- Always attach the green protective covers when the cups are not in use
- Inspect the screws and washers regularly and re tighten if necessary
- Clean the mounting surface and base of the vacuum cup with a damp cloth prior to use. We suggest you wax the boot/trunk lid prior to fitting.
- Make sure you dampen both the vacuum cup surface and boot/deck lid surface prior to mounting the Revo-Rack with a damp cloth in the location the cups will go. Use only water.
- **Revo-Rack is not designed for permanent fitting. It's designed to be used for a day's driving then be removed from the car. Do not leave the Revo-Rack attached to your car for more than 12 hours or overnight. Remove it, clean, re-moisten and refit on multi day trips.**
- **Do not leave the Revo-Rack attached for days on end without removing it, the paint under the cups needs to be re-exposed to the atmosphere regularly.**
- In high winds with a loaded Revo-Rack please adjust your driving style accordingly.
- Remove the rack from your car when it is not in use.
- When loading the rack with luggage make sure the heavy items are at the bottom of your case/bag.
- We suggest a maximum case/bag/load size of 100x50x30cm
- Do not let items on the rack protrude drastically over the edge of the rack frame.
- Do not use the rack on paintwork that has been resprayed/painted in the last 6 months
- When using the 2.5m length straps provided to secure your case/load/bag loop them around the rack frame twice as shown. Make sure there is at least 10cm of strap through the two D rings and knot if possible.
- The vacuum cups are designed for use at temperatures from -5° to 40° Celsius / 23° to 104° Fahrenheit. The red line indicator may not perform reliably at elevations above 5000 feet / 1524 metres.

Please watch the install video below.



Your Revo-Rack frame is supplied with 3 vacuum cups, 3 steel washers, 3 bolts, 6 black plastic saddle washers a hex key 2 grommets and two luggage straps.

Using the hex key supplied attach the vacuum cups to the frame with the parts arranged around the frame as below. You Revo-Rack will have 4 holes in it, if possible fit the single cup on the outer rail if not move it to the inside rail. Fill the hole you don't use with the 2 grommets.



Do not fully tighten the bolt ensure the vacuum cup can rotate freely on the frame before you fit the rack to your car. This allows the cups to rotate on the frame to fit the curve of your cars boot/ deck lid.

2. Remove the protective covers on the base of the vacuum cups and wipe the edges and the bottom of the vacuum cup with a damp cloth make sure both surfaces clean and are damp Do not use cleaners lubricants or any other liquids. Its essential your cars trunk/boot lid is clean to create a good vacuum dust, and dirt will affect the cups ability to create a vacuum. Also wipe the area of the boot/trunk lid where the vacuum cup will attach so both surfaces are damp.

Place the rack on your cars boot/trunk lid. If possible have a look at the underside of the boot/trunk and aim to place the vacuum cups above the areas of strength.

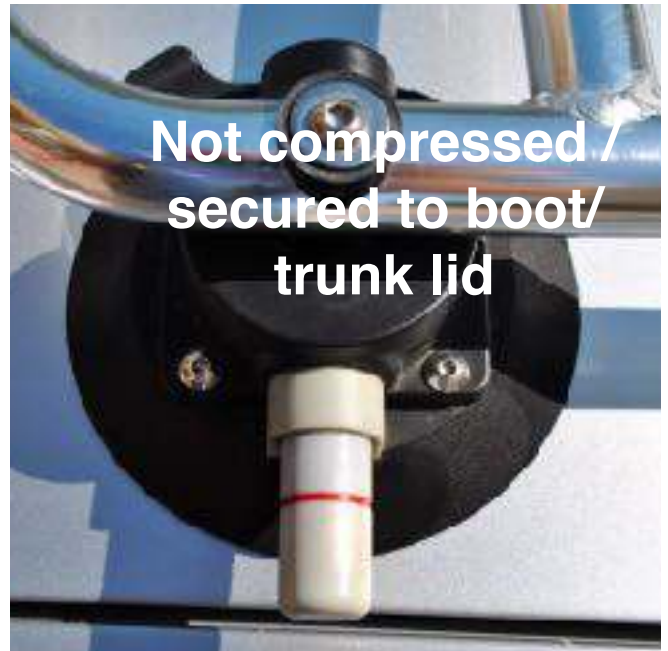


3. Make sure you wipe the cup base and area the cup will attach to on the trunk/boot lid with a damp cloth prior to fitting. This protects paint and stops air leaking. Press down on the rack above each cup and pump the air out of the vacuum cups using the plunger. The red line will disappear when the cup is fully compressed. You may need to press firmly to secure the cup, make sure the cup is loose on the frame so it can rotate.

If the cup does not secure to the boot/deck lid you may need to clean the surface or move the rack to a more suitable mounting position. Make sure the cup can still rotate freely on the frame so it can curve to the shape of your boot/trunk, the bolt needs to be loose.



Wipe both the cup base and paintwork with a damp cloth prior to fitting



Not compressed / secured to boot/trunk lid

4. Once all the vacuum cups are fully compressed, the red line will disappear as below. Now fully tighten the bolts ensuring the rack is tight on to them (leaving them loose to start allows them to curve to your trunk/lid and ensure a good compression of the cups)



Compressed / secured to boot/trunk lid

5. You must ensure that all the vacuum cups have a secure fit and that they stay compressed. We recommend after 5-10 miles with the rack loaded you stop and check the vacuum cups. Its easy to see if they have leaked and are not compressed as the red line will re appear on the plunger. The vacuum cups are not intended to be permanent fixtures on your car they will lose vacuum slowly over time.

If you are on a long journey we ask you have quick visible check of the vacuum cups when you stop to re check that they are all fully compressed ; i.e the red line is not visible. **The cups should be checked at least every 2 hours.**

6 .To remove the rack pull up on the tab.



7. Your Revo-Rack is supplied with two straps each 2.5m long to secure luggage. These should be wrapped twice around the frame when attaching the luggage and we recommend that you tie off the ends of the straps to secure any excess webbing.





Feed the straps through the two D rings as shown and pull tight. To remove push the D rings away from their position.



Make sure the straps are looped around the rack frame twice if you have enough length also loop them around a cross rail.

Ongoing care / use of your Revo-Rack

When the vacuum cups are not in use ensure they are stored with the protective covers on them this will prevent any damage to the edge of the rubber cup which will result in air loss, and poor compression. Your Revo-Rack is supplied with a storage bag we suggest the rack is stored assembled.

The Revo-Rack can be used in cold weather. The vacuum cups will stiffen in colder temperatures. Because the vacuum cups need to be flexible to fit to the boot/trunk lid we recommend you store the rack at room temperature for a couple of hours prior to use. You will not be able to properly attach the racks vacuum cups if they are too cold. The boot/trunk lid must be free of ice, snow, dust and any other potential obstruction to create a full vacuum seal.

Rain and weather should not affect the performance of your Revo-Rack. If rain gets inside any of the vacuum cups pull the plunger out fully and dry out the inside of the pump with a paper towel. Re lube the plunger with some grease and reinsert the plunger into the chamber.

The bolts used to hold the rack to the vacuum cups are stainless steel and the top of the vacuum cups are aluminium so your Revo-Rack will not rust.

If you have any issues please call us on 44 (0) 1865 693 063 or email info@revo-rack.com. We always love to see photos of our products on customers cars, if you get a chance we would love some photos.

Warranty

Revo-Rack has a 12 month non transferable warranty covering defect in manufacture materials and workmanship. Defective products can be returned to us for replacement. The cost of transport to and from Revo-Rack will be paid by the customer.

Please ensure you get a returns number from us before returning any items.

Revo-Rack is manufactured by
Tabernus Peram Ltd
Chandos House
School Lane
Buckingham
Bucks
MK18 7EW
UK
44 1865 693063
info@revo-rack.com

