# REAL RACK

## Instructions for use

Congratulations and thank you for choosing RealRack to take care of your ride!

Below is some information that you need to know before you install your new RealRack on your vehicle.

You can also find 'how to' videos on our YouTube channel, there is a link on our website.

Following these simple instructions will provide you with the best experience while using your RealRack. Failing to follow these instructions may void the warranty of the product, and may cause damage to yours or someone else's bikes or vehicle.

## Load Rating

Check the load rating for your tow bar (hitch) before installing your RealRack. This can be found in the vehicle manual or on the tow bar itself. It is your responsibility to ensure that your tow bar isn't overloaded as this may cause damage to the vehicle or tow bar.

For example, assuming your tow bar is rated to a maximum (vertical) tongue load of 75kg, and the RealRack is 10kg, your max usable load on the rack is 65kg. This is equivalent to the weight of four bikes at 16.25kg or three bikes at 21.6kg.

The max load of each bicycle mount on any RealRack is 24kg.

| Rack | Max Load per rack (kg) |
|------|------------------------|
| RR TWO BIKE | 48 |
| RR FOUR BIKE | 80 |
| RR SIX BIKE | 120 |

## E-Bikes

E-Bikes are heavier than regular mountain bikes and because of this extra mass, we recommend you carry a maximum of two e-bikes on any standard RealRack. E-bikes must be loaded on the two centre spaces either side of the middle with no other bikes carried at the same time.

We recommend removing the batteries when transporting e-bikes to reduce the load.

# Installation

## Tools required:

- 13mm, 16mm & 19mm spanners
- 10mm hex allen key (if tow ball)
- 24mm socket/spanner (if 2" hitch)
- Thread locker (we recommend Loctite 243)
- Grease

## 1 – Unboxing

Find a clear space and carefully unpack and unwrap your RealRack, taking care to remove all packaging from each component. Remember to recycle the packaging if you can!

## 2 – Assembly and Installation

Note: We recommend using thread lock on all threads to prevent nuts/bolts from vibrating loose.

- Fit the mounting bracket to your vehicle. Details on the installation of the bracket will depends on the type of tow bar you have, please get in touch with us if you need any assistance.

- Fit the main support post on the mounting bracket by placing the RealRack logo face down. Locate the 12mm bolt in the bottom hole and tighten up the bolt lift the post up to insert the quick release pin.

- Next, using the 8mm nuts and bolts from the kit, secure the rear wheel stabiliser bar to the main post.

- Secure the top rail using the 10mm nuts and bolts provided. Note that the cones will point up away from the car.

- Attach the straps to your boot lid or roof rack and adjust to remove any slack (do not pull the rack up tight when unloaded).

- Grab a beer, you're done!

## 3 – Loading Bikes

The easiest way to proceed is to load your bike from either side of the rack. We recommend loading the bikes from the middle out especially for the 6 bikes version.

### Loading your bike

a) To load a bike on the rack, stand on beside your bike, opposite to the rack with the front wheel pointing towards the rack.

b) Place one hand behind the seat post and the other hand on the fork lowers. Squat down and lift with your knees.

c) Lean the bike back, so that your hand holding the seat post is supporting most of the weight.

d) Lift the bike across from the side of the rack, rather than over the top of the rack.

e) Place steerer tube over the cone mount, sliding it down until the steerer tube is snug on the cone. Lower the rear wheel onto the support bar, it might hang slightly away from the bar.

### Securing your bike

a) Grab the bungee cord near the steerer tube. Thread it behind and over the fork crown and then hook it on to the button provided.

b) Secure the back wheel with the two bungee cords provided.

c) Repeat the process for the next bike, moving one side of the rack to the other depending on which direction you torn the handlebar.

d) Drive in peace, knowing your bike is secure and not being scratched!



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