

Contents



*key fobs with locking version only



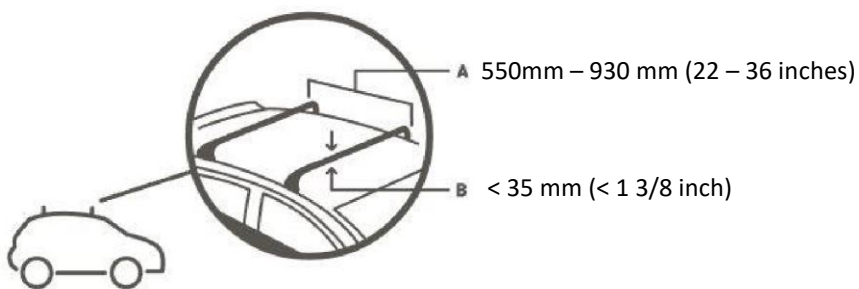
Secondary safety strap



Case (optional)

Requirements

Cross Rail Dimensions



Cross Rail types

ISO approved cross bars recommended.



Fixed mount (bolt type).

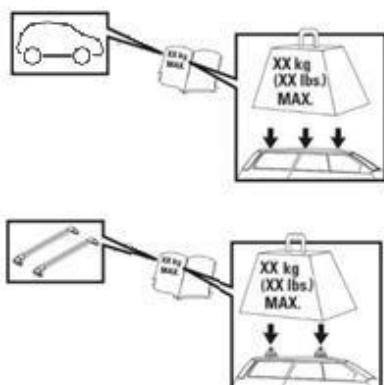


Bolt or secure to longitudinal rails.



Clamp to door sill. Only use with secondary safety strap.

Weight Limits



Upside rack = 2 kg (4.4 lbs)

Max bike = 17 kg (37 lbs)

Email us for details of how to use with bikes over 17 kg.

NOT COMPATIBLE



Trays and cages



Some very deep aero bars.



Some TT or triathlon bars.

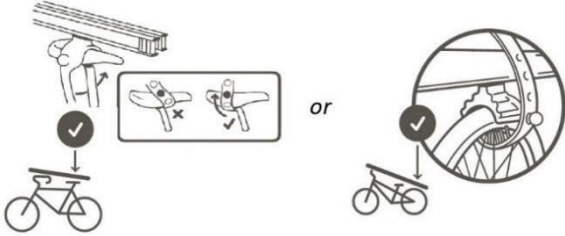
Email us for details.

Installation

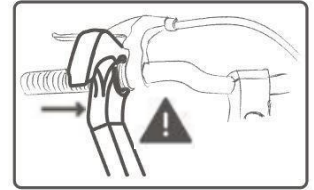
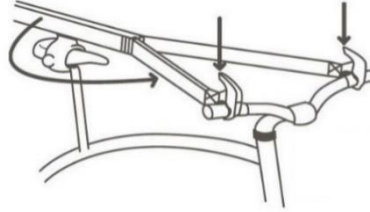
CHECK BEFORE INSTALLING

- Inspect the Upside Rack for any loose components or broken parts.
- Inspect the vehicle cross rails to ensure they are installed to manufacturer specifications.
- Inspect the bicycle for any damaged parts and remove any loose components like water bottles, lights etc.

Step 1

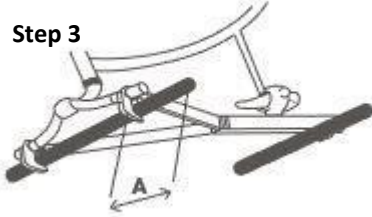


Step 2



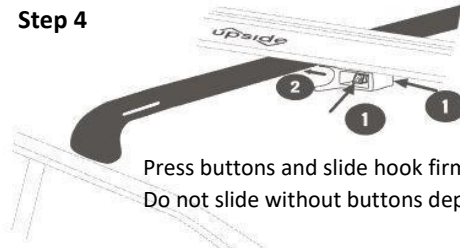
Ensure arms cannot move closer together, mount up against brake levers on wide bars.

Step 3



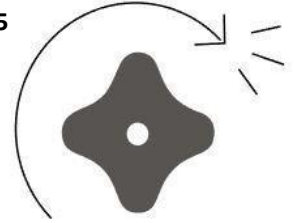
A = Min 75 mm (3 inches).

Step 4

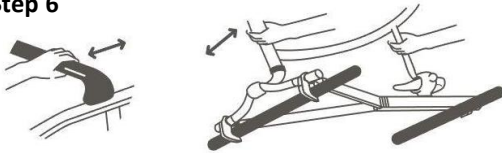


Press buttons and slide hook firmly toward rail. Do not slide without buttons depressed.

Step 5



Step 6



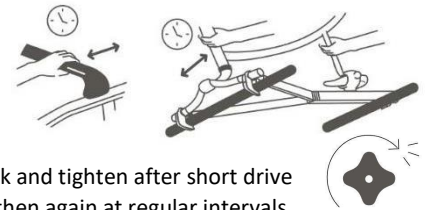
Check cross rails cannot move after bike and rack are installed. Check bike cannot move across the cross rails.

Step 7



Secure the secondary safety strap around the bike head stem and the nearest cross rail.

Step 8

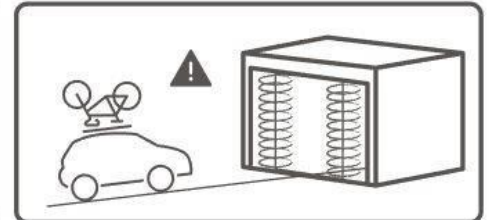
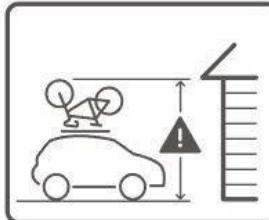
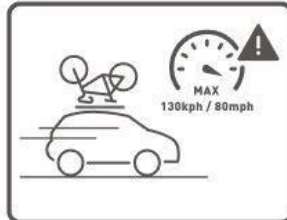


Check and tighten after short drive and then again at regular intervals.

OPTIONAL

- Upside Rack with electronic lock can be secured to the vehicle by following the locking instructions.
- Two black Upside branded rubber bands are included to secure the bicycle hand brakes, to prevent wheels spinning while the bike is in transport if desired.

REMOVAL. Follow the instructions steps 1 to 5 above in reverse order.



WRITTEN INSTALLATION STEPS AND IMPORTANT WARNINGS

- Before installation, inspect the Upside Rack and bike for any loose or damaged components. Repair and correct any issues before use on the roof of a car.
- Before installing the Upside Rack, hold firmly and try to move the roof racks in all directions to ensure the roof racks are tight and secure. If movement or play is detected, check for proper installation.
- Upside Racks recommends use only with "City Crash" approved roof racks in accordance with ISO ISO/PAS 11154:2006(E).
- Do not exceed the maximum bike weight indicated for use with each Upside Rack. Ensure the total roof load does not exceed the weight limit of the roof rack and car manufacturer limits.
- All components that are not securely fitted must be removed from a bike before transport on a car roof. Anything not securely fixed to the bike may detach and become a safety hazard to road users.
- Before lifting and inverting the rack and bike onto your car roof, ensure the Upside Rack is secure on your bike and that the seat holder is strapped firmly and correctly **behind** the seat post.
- If used on very small bike, the seat holder can be strapped through the spokes around the rear wheel rim. In this case, ensure the tyre is fully inside and tight against the seat holder. This may require lowering or removal of the seat post.
- **Important!** For bikes with wide handlebars like Mountain Bikes, mount handlebar clamps up against edge of brake lever mounts. This avoids the two arms shaking closer together and loosening their grip of the bike while driving [see step 2].
- Lifting a bike onto the roof of a car is physically challenging. You should only do so if you are capable of the task. You should make sure that you lift the Upside Rack and bike in a safe and secure manner to reduce the risk of injury.
- Once on top of the roof racks, ensure both the front clamps under the handlebars are pressed hard up against the roof rack then press and hold the buttons to slide the rear hook toward and firmly against the other roof rack. Do not slide the hook without buttons depressed.
- Turn the crank handle in a clockwise direction, to ensure the sliding hook is tightened against the rear roof rack until the torque limiter clicks (like a gas cap on a car). This will ensure sufficient tension is placed through the Upside Rack to secure the bike to the roof racks.
- Once installed, give the bike a shake to make sure it is tight and stable. If anything is loose or has excessive movement, check the three points of contact between the Upside Rack and the roof racks are tight against the roof racks, then turn crank handle again until it clicks.
- A secondary security safety strap is included and should be used. It can be used to securely strap around the bike head-stem and the nearest cross rail.
- For those with the optional electronic lock: If you want the rack and bike locked, 'wake' the electronic lock by touching the crank handle with your hand, then tap the key fob on the crank handle to lock, tap again to unlock and reengage the crank handle (see lock instructions for further details).
- Detailed instructions, pictures, videos and help available at [upsideracks.com](https://www.upsideracks.com)

DRIVING WITH RACK AND BIKE INSTALLED

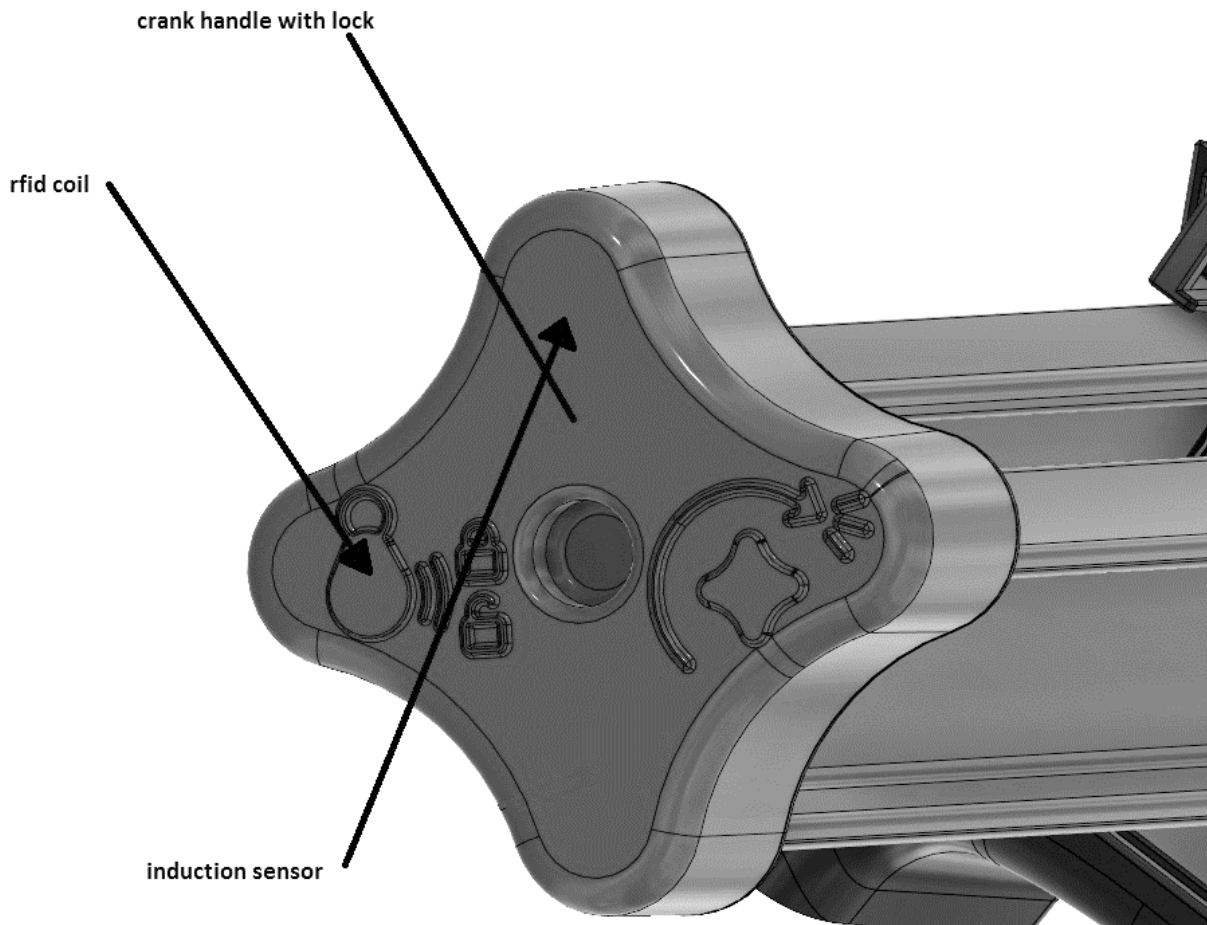
- The security of a roof load can be impacted by road vibrations, vehicle manoeuvres and wind resistance. Check the roof racks, bike and Upside Rack for any movement or loose fitting after a short distance of 15 minutes or 10 km (earlier if conditions are rough or driving is aggressive). Then regularly check afterwards at least each hour or 80 km of driving. Check to ensure the Upside Rack and bike have not moved. Re-tighten or stop using accordingly. A regular distance of 80 km is a guide only and applicable to smooth roads and gentle driving. Users should exercise discretion and conduct more frequent checks under other conditions.
- At the first sign of noise or movement from your roof load, stop and inspect the roof racks, the Upside Rack, and the bike to ensure everything is secure before continuing.
- Be aware of the additional overall vehicle height and be cautious of overhanging trees, under passes, tunnels, ferries, garages, carports, drive-through facilities, underground car parks and other areas where height is restricted.
- Always drive within the law and relevant regulations, below 130 kph and within what incorporates safe driving.
- It is the user's responsibility to ensure the Upside Rack is used in accordance with the vehicle and the roof rack instructions, specifications, and limitations.
- The Upside Rack is not recommended for use on rough roads as the vehicle, roof racks and bike may not be suitable to withstand the additional load and vibrations of rough roads. In the event of unexpected road conditions or emergency driving manoeuvres, stop the vehicle and check the security and integrity of the Upside Rack, as well as the roof racks and bike.
- Driving characteristics of a vehicle (including braking and cornering) change with items attached to the roof. Drive cautiously with the Upside Rack installed to ensure the safety of yourself and other road users.
- The impact of cross winds on vehicles increases with a bike installed on the roof. In windy conditions drive with caution, and stop to check the roof racks, bike and Upside Rack for any movement or loose fitting at regular intervals.

DISCLAIMER OF LIABILITY

Proper installation and use of the Upside Rack is the responsibility of the user.

- Upside Racks will not be liable for any damage or wear to your vehicle, roof racks or bicycle (including handlebars, seats, or any other components) incurred during installation and/or use.
- Upside Racks will not be liable for any injury you may incur during installation or use of the Upside Rack.
- Upside Racks will not be liable for any damage to property or injury to persons sustained during the installation and/or use of the Upside Rack.

Optional Upside Rack Lock Instructions



The Upside Rack with a locking crank handle significantly improves the security from theft of your bike once installed correctly. It operates by disengaging drive from the system eliminating movement of the sliding hook mechanism on your rack. It is only effective when installed with your bike on your roof racks correctly and tightened clockwise until it clicks.

Instructions for use:

1. Turn the handle past the click with your hand and ensure you touch the induction sensor location. The lock should detect your hand and power up the rfid system for 15 seconds (one beep).
2. Rotate the crank handle lightly forward and back to find the centre of the rotational slack then leave the handle in this position.
3. Move your key fob close to the picture of the key fob (rfid coil) then you should hear a one second "whir" and two beeps as the motor locks.
4. At least five seconds later touch the key fob picture with the key fob to unlock and you should hear three beeps. If rack has gone to sleep, you need to touch the induction sensor to wake it up first.

Notes:

- A **very short** "whir" is because there is too much load in the crank handle for the lock to be able to disengage the system. It is very sensitive with low power so needs to be in the middle of the rotational "slack" of the crank handle to work. This low power is how we achieved long battery life.
- No whirring at all could be that it is not the key fob for that rack, the system is not awake or flat batteries (batteries should last over 10 years of medium to heavy use). Try touching the crank handle on the induction sensor location with your bare finger, thumb or palm then use the key fob again.
- The lock will 'talk' to you with a beep:
 - o One beep "*I'm awake, you can lock or unlock me*".
 - o Two beeps "*I'm locked*".
 - o Three beeps "*I'm unlocked*".

If with these instructions and the website videos you remain unable to make the lock work, please contact us for support questions@upsideracks.com

