

RUNGU[®] HITCH RACK 1UP.USA V2 INSTALLATION AND OPERATION

This document explains how to mount and use the Rungu Hitch Rack 1UP.USA v2



WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO YOUR RUNGU DUALIE, TO THE HITCH RACK AND YOUR VEHICLE.

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Tools required

- 1up USA keyed hex wrench
- Soft loop tie-downs (2x)
- Cambuckle tie-downs (2x)

Installation of Hitch Rack to 2" receiver

1. Lift the rack and insert the rack tongue into a 2" standard receiver.



2. If you haven't already, unlock and remove the barrel lock and the spacer from the 1up Lock Pin provided with your Hitch Rack.



3. Find the hole in the receiver under your vehicle and insert the 1up Lock Pin through the receiver, the Hitch Rack and to the other side of the receiver.



4. On the other side of the receiver place the spacer over the end of the pin, and then replace the barrel lock and remove the key to lock the pin in place.



NOTE: Remember to cover the keyhole with the lock pin cover.

5. Adjust the depth of Hitch Rack insertion and then use the hex wrench to secure the rack in the receiver.

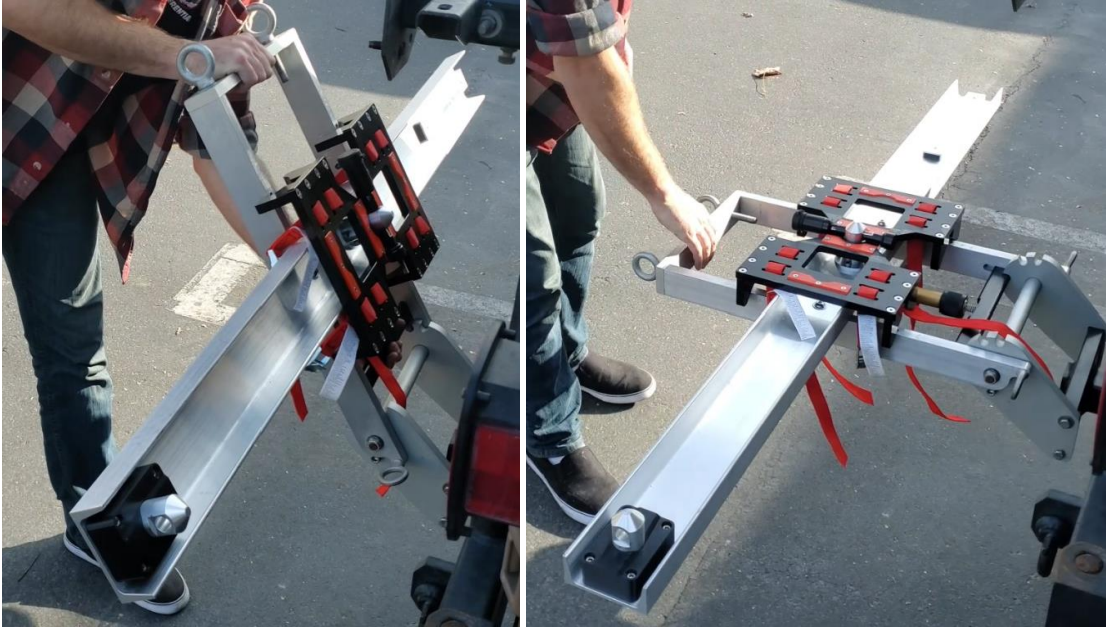


6. Check that Rungu Hitch Rack is secure by trying to rock it side to side.

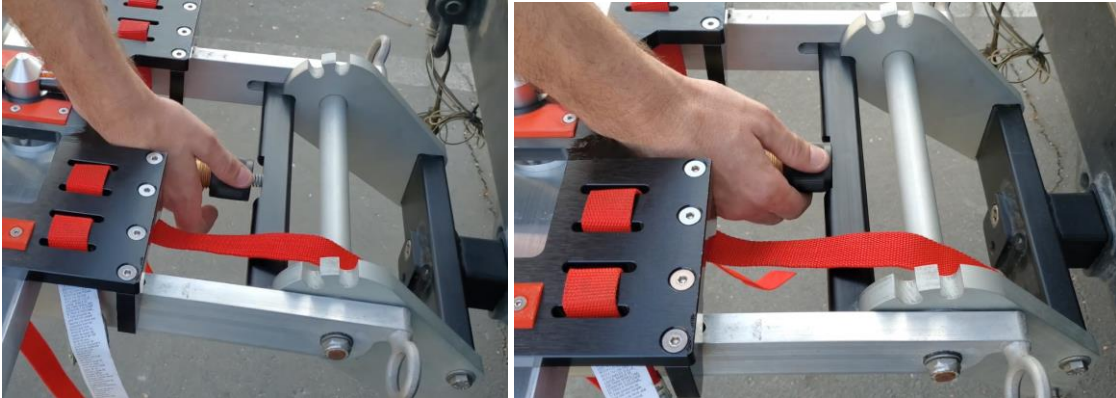


Getting the Hitch Rack ready to carry Rungu Dualie

1. Pull upwards on the position brace and rotate the rack into the horizontal position.

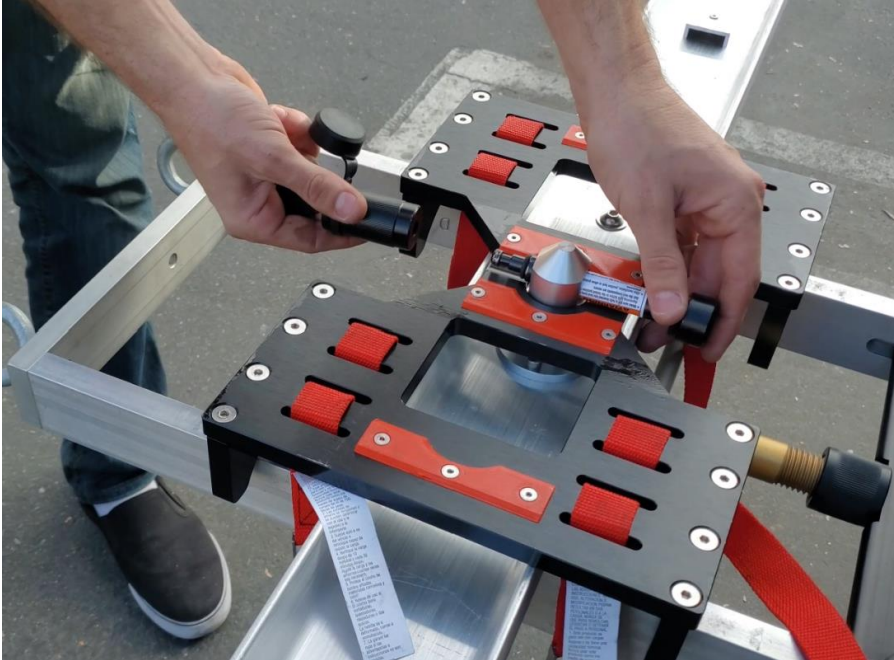


2. Tighten the barrel nut to prevent the position brace from slipping out of position.



Loading Rungu Dualie onto the Hitch Rack

1. Remove the lock pin from the storage post and put the lock pin, barrel lock and keys aside.



2. Remove the wheel stand from the hitch rack and place the wheel stand on the ground in front of the Rungu Dualie.



NOTE: Make sure you can access both ends of each wheel strap on the wheel stand – there are four straps in total

3. Roll the front wheels of your Rungu Dualie onto the wheel stand.



4. Secure each front tire with two tire straps. Tighten each strap

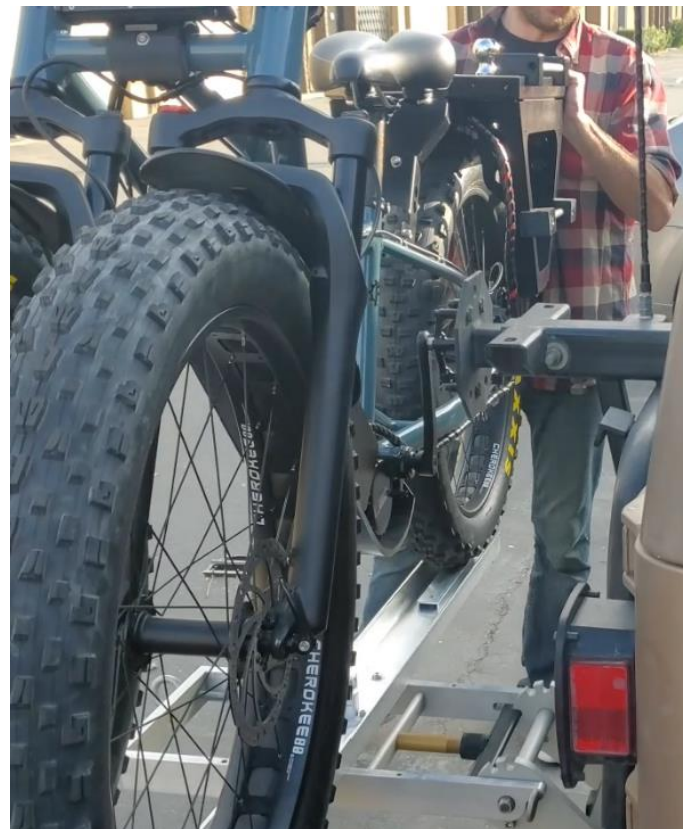


NOTE: Make sure the straps lay flat against the rim of the wheel and avoid twisting the straps before inserting them into the cam-buckles.

5. Lift the front wheels and place the wheel stand onto the wheel stand post.



6. Lift the rear of the Rungu Dualie and pivot the bike around the wheel stand post and place the rear tire in the center of the hitch rack channel.



7. Insert the Lock pin through the wheel stand post to lock Rungu Dualie in position.



8. Replace the barrel lock and secure the lock pin with the key lock.



NOTE: Remember to cover the keyhole on the lock pin.

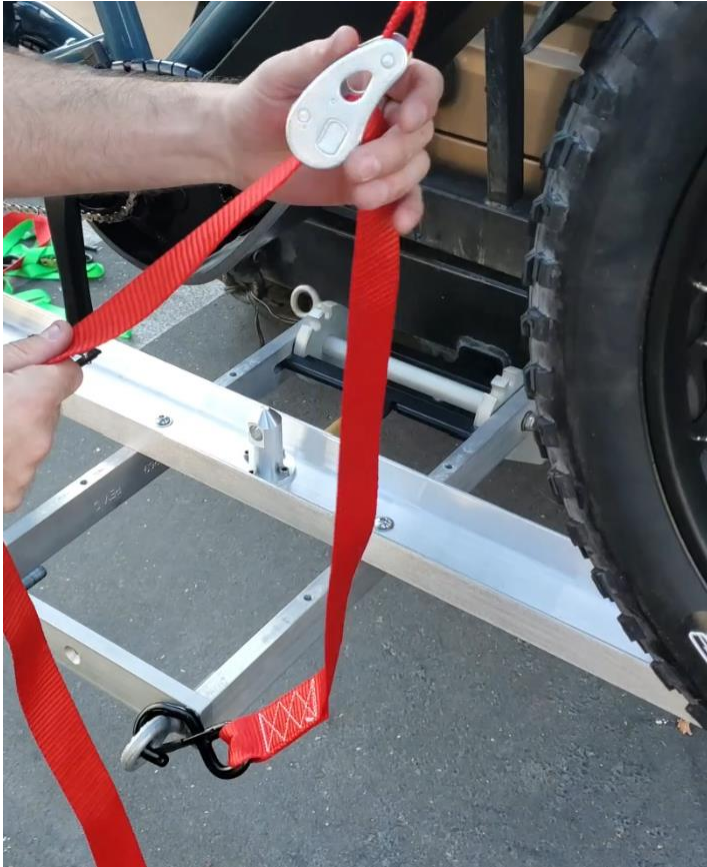
9. Use the two short straps to secure the rear tire to the Hitch Rack channel.



10. Use the soft-loop strap to tie down the front of the Rungu Dualie to the rack. Wrap a soft loop around the right head tube and hook the strap to the soft loop.

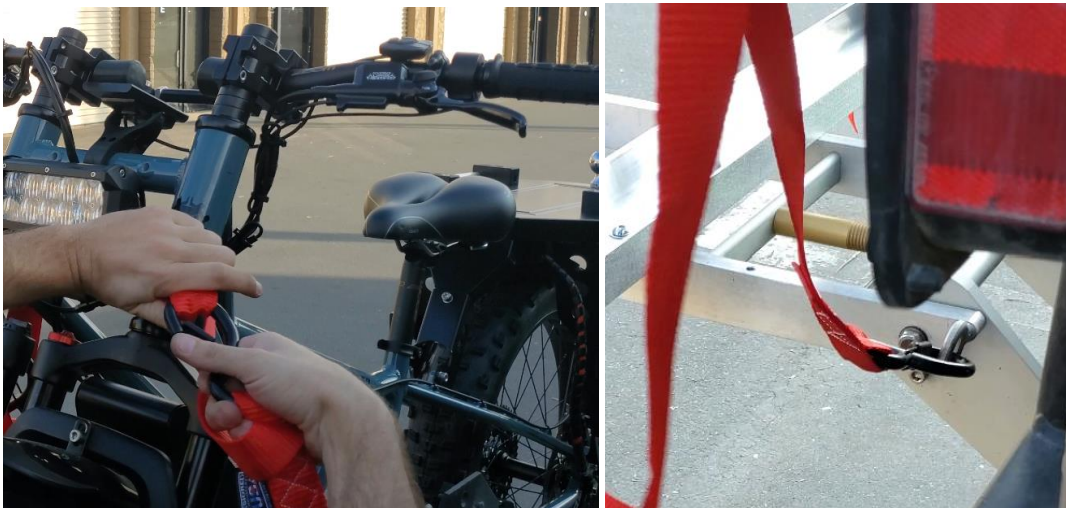


11. Hook the other end to the I-bolt closest to the front right side.

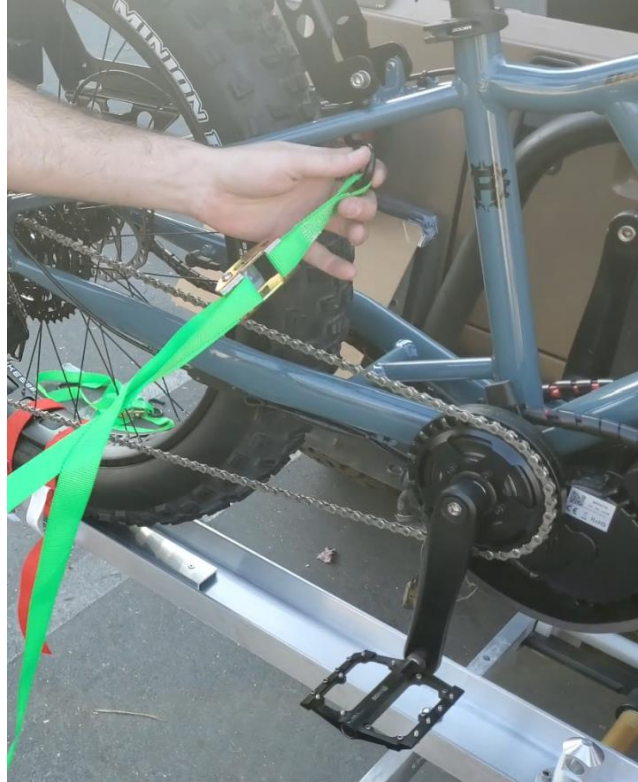


CAUTION: To tie down your Rungu Dualie, Rungu only recommends using cam-buckle straps like those you can order with your Rungu Rack. Ratchet straps can create too much force on the bike components and damage the bike as well as the rack.

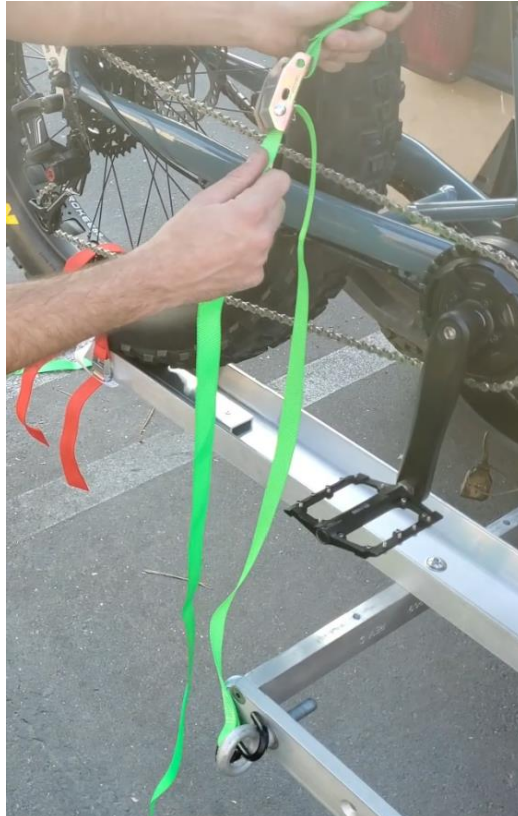
12. Pull on the end of the strap to take up slack, but don't fully tighten the strap yet.
13. Place the other soft loop strap onto the left side of the Rungu Dualie in the same manner.



- Hook the cam-buckle strap ends to the right-side seat stay tube below the cargo rack mount so that you pull down on the free end to tighten the strap.



- Then hook the other end of the cam-buckle strap to the other eyebolt on the end of the rack.



16. On the left side, hook the cam-buckle strap under the brake line behind the second tie down location.

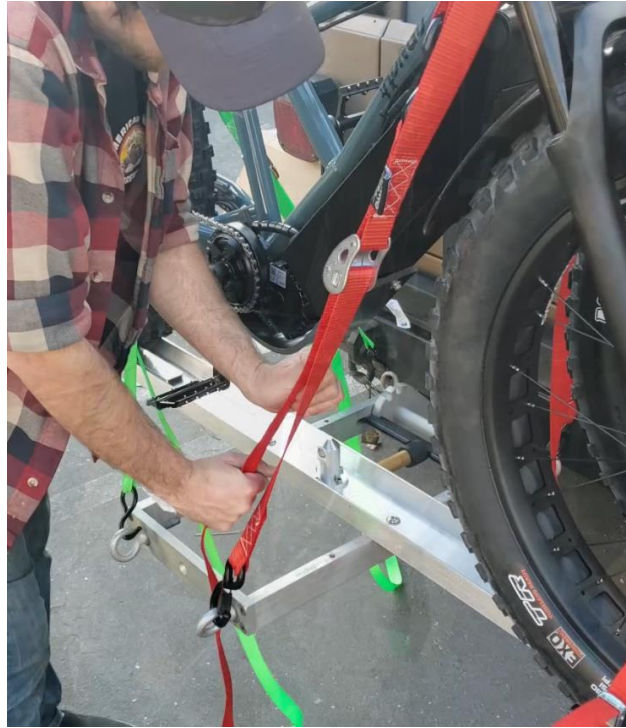


WARNING DO NOT PLACE THE HOOK ON TOP OF THE BRAKE LINE AS YOU MAY DAMAGE THE BRAKE LINE WHEN TIGHTENING THE CAM-BUCKLE STRAP.

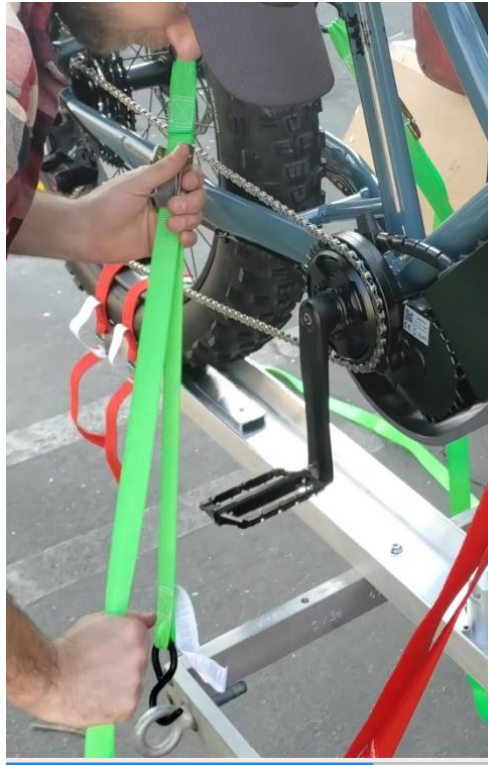
17. Hook the other end to the closest eye-bolt on the inside of the hitch rack.



18. Starting with the front straps, pull the straps tight to secure the bike to the rack.



19. Then pull the rear straps tight to secure the bike to the rack.



NOTE: Rungu recommends that you repeat the tightening at each strap as a second check.

20. When the bike is secure, moving the handlebar should cause the entire rack and carrier vehicle chassis to move.



21. Finally, secure the excess strap on the tie-downs.

22. Check that your Rungu Dualie is secure one more time before hitting the road.



Unloading Rungu Dualie from the Hitch Rack

1. To remove Rungu Dualie from the hitch rack, start by releasing the excess strap from each of the four main tie-downs. Then, release and remove the rear tie-down straps from the bike and rack.



2. Release the front tie down straps and unhook the soft loop from the frame of the bike.



3. Remove both rear wheel tie down straps.



4. Put all these straps away into storage for the next time you use the hitch rack.
5. Next, unlock and remove the wheel stand lock-pin. Put these aside. You will need them to store the wheel stand later.



- Lift the rear end of the Rungu Dualie, rotate the bike to be perpendicular to the rack and place the rear wheel on the ground.



- You can now roll the bike off of the rack, or lift the front wheels onto the ground. Orient the bike so the wheel stand is resting on the ground.



8. Loosen and untie each strap from the front wheels.

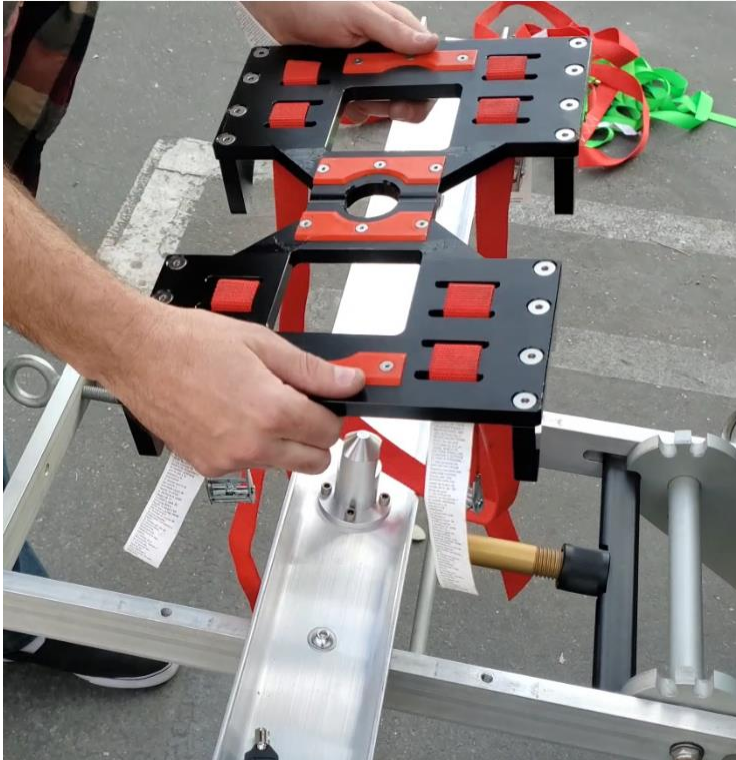


9. Roll the bike backwards off of the wheel stand.

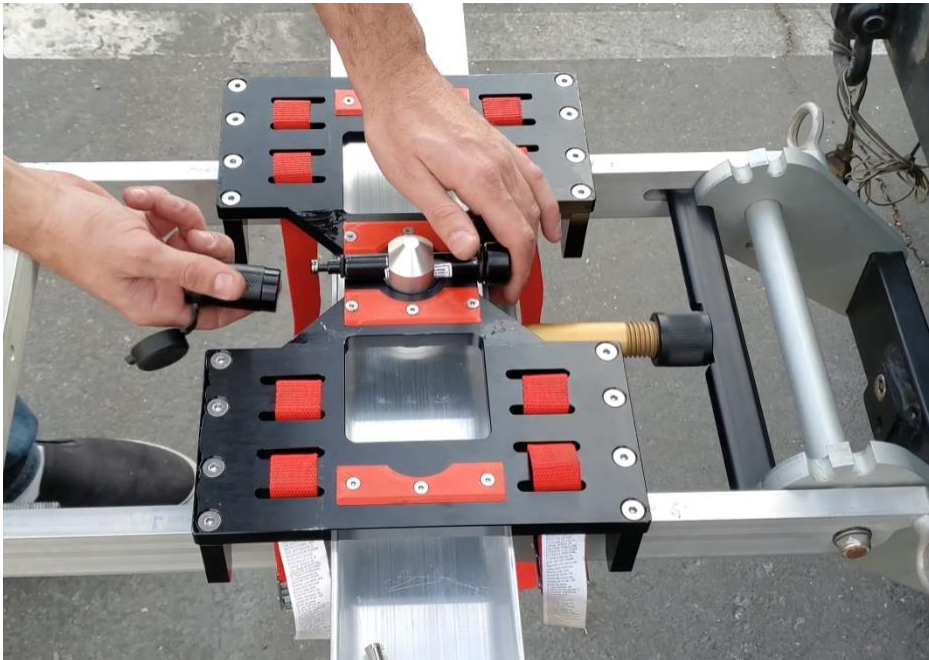


Storing the Hitch Rack on your car or truck

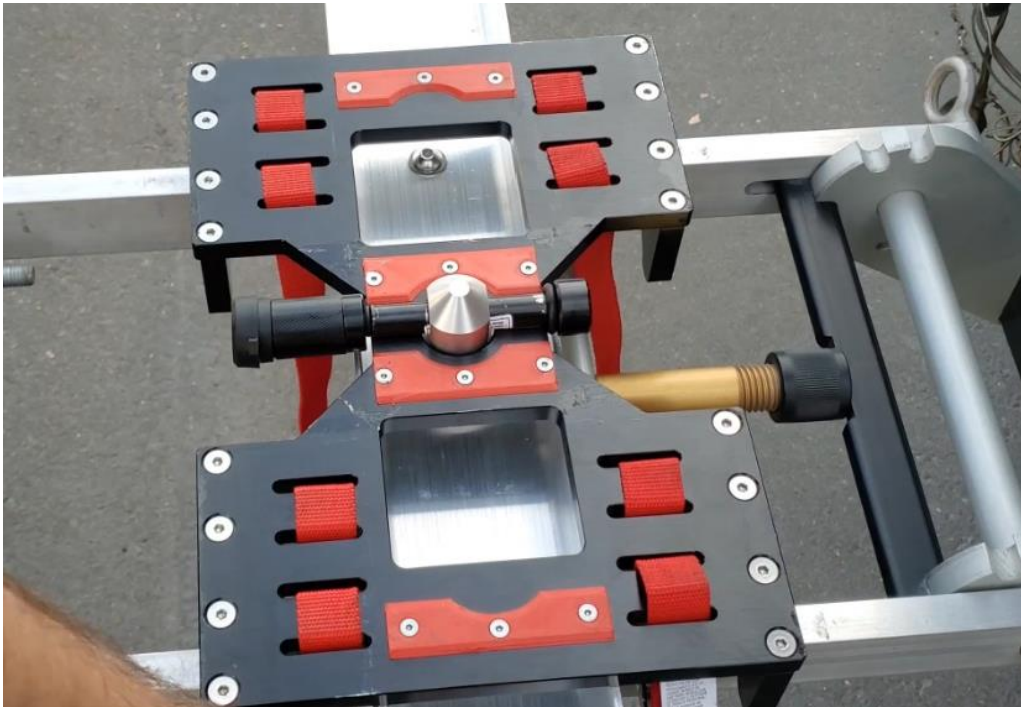
1. Lift the wheel stand and place it upside down over the storage post on the center of the hitch rack.



2. Replace the wheel stand lock pin through the storage post and replace and lock the barrel lock.



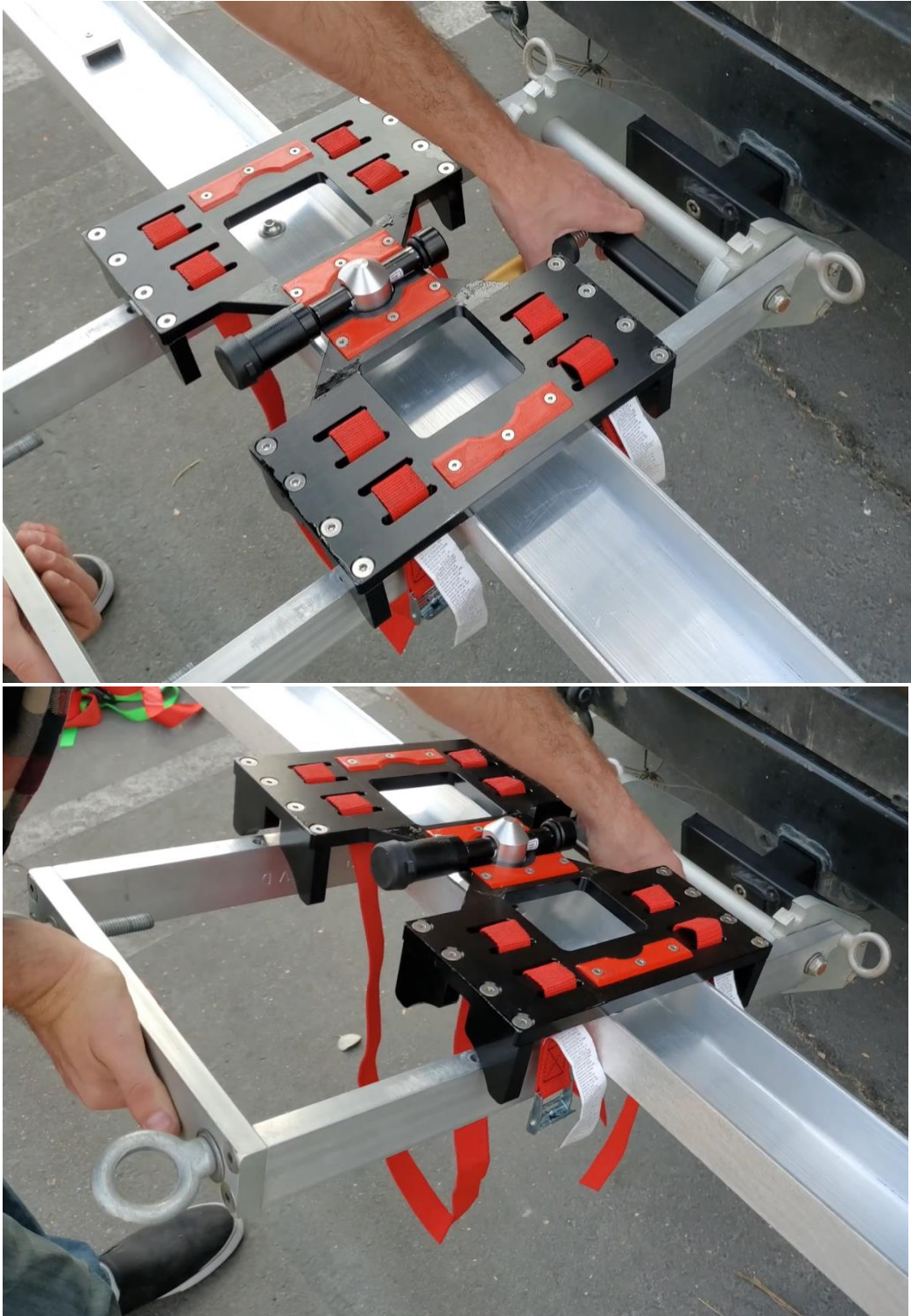
3. Remove the key and cover the key hole with the cover.



4. Loosen the barrel nut



5. Pull on the position brace to pivot the rack vertically.



6. Tie each of the straps around the support bars underneath the rack and tighten the straps.



NOTE: Tightening the straps against the support bar prevents the wheel stand from rattling against the carrier rack.

7. After tightening the straps, re-tighten the barrel nut to secure the carrier rack in the storage position.