

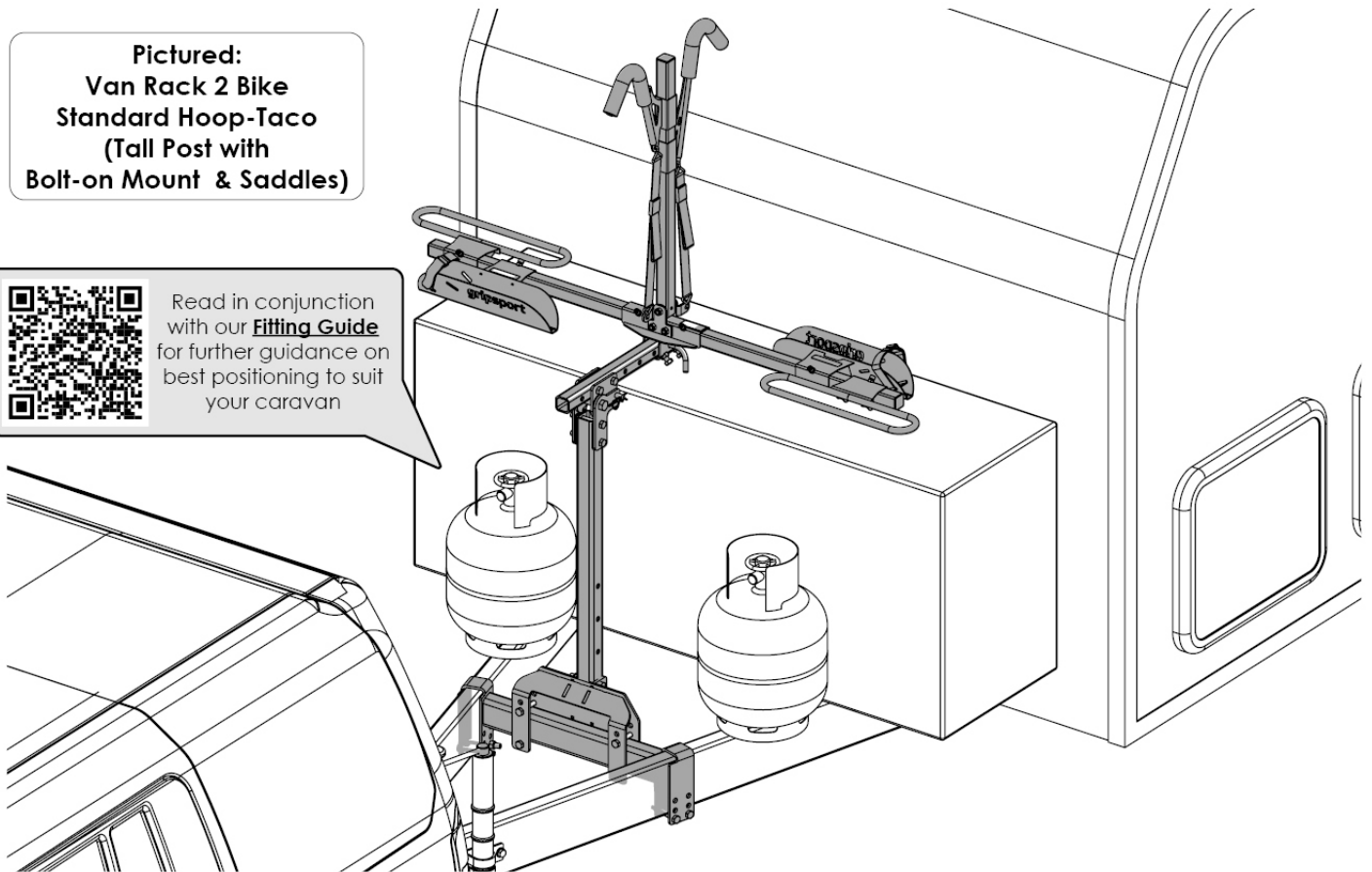
Van Rack & Bolt-on Mount

gripsport

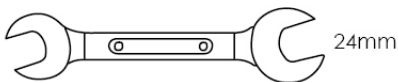
**Pictured:
Van Rack 2 Bike
Standard Hoop-Taco
(Tall Post with
Bolt-on Mount & Saddles)**



Read in conjunction with our **Fitting Guide** for further guidance on best positioning to suit your caravan



Tools required:



24mm



19mm

17mm



18mm

16mm



6mm



**30kg
per bike**

Rated: 30kg per bike spot
Van Rack: Off-Road use
Square Hitch Mount: Off-Road use
Tongue Mount: Light Off-Road only

Warranty:
5 year limited lifetime.
See all details online at:
www.gripsport.com.au/terms-conditions



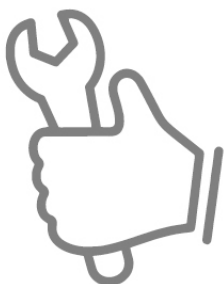
facebook.com/gripsport.real



[@gripsportbikeracks](https://www.instagram.com/gripsportbikeracks)



bit.ly/GripSportVideos



Hand tools assembly only.
Do not use power tools.



Read and refer to this manual to ensure correct assembly and installation.
See also: Fitting Guide



Danger of accident and injury if these instructions are not followed. If unsure, contact gripsport or get a qualified installer to assist.



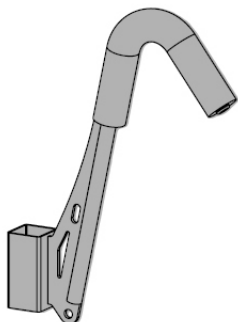
website info at:
www.gripsport.com.au

Van Rack - Parts List

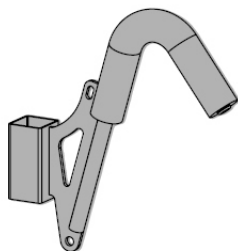
gripsport

2 Bike Van Rack quantities shown below.

1, 3 and 4 Bike Van Rack quantities vary accordingly.



1 x Long Hook



1 x Short Hook



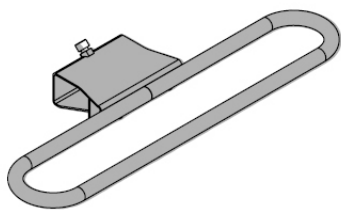
10mm x 60 long hex head bolts (qty 3)



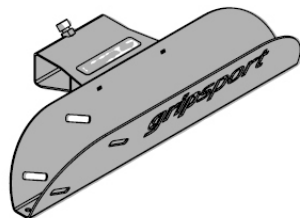
10mm nuts (qty 3)



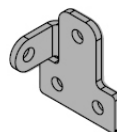
10mm large washers (qty 2)



2 x Wheel Hoops



2 x "Taco"
Rear Wheel Channels



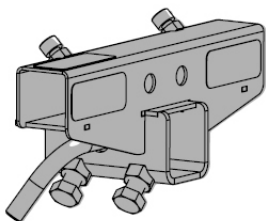
2 x Tab Plates



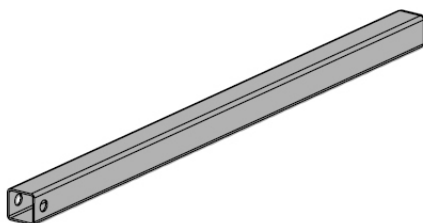
2 x Cinch Straps



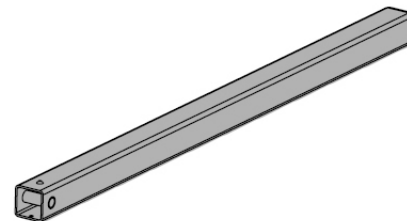
2 x Quick Release
Carrier Straps



1 x Carrier Mount

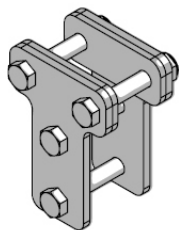


2 x Outrigger Arms



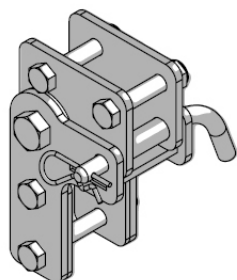
1 x Hooks Post

selected Mounting Mechanism



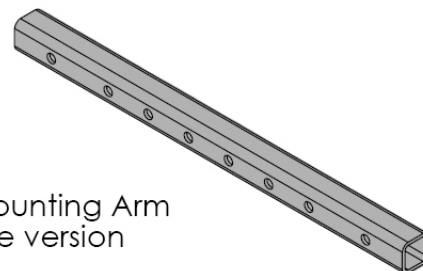
Non-Tilting Mount

or



Tilting Mount

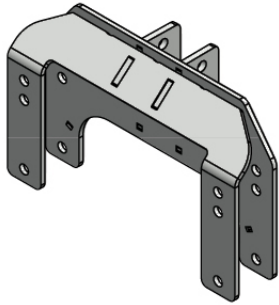
Mounting Arm



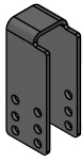
Carrier Mounting Arm
1-4 bike version

Optional: Bolt-on Mount and selected Post

gripsport



1 x Bolt-on Mount



2 x Saddles



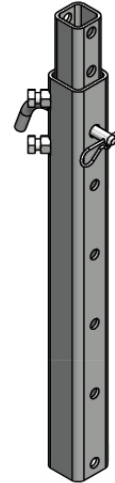
1 x
Short Post

or



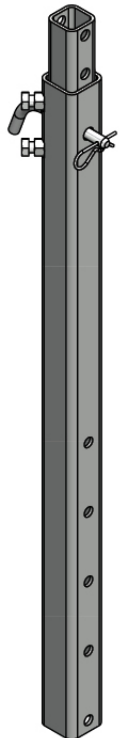
1 x
Tall Post

or



1 x
Quick Release
Post - short

or



1 x
Quick Release
Post - long

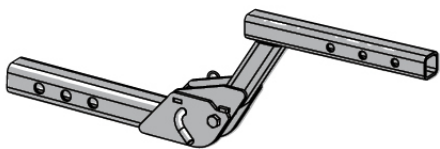


12mm x 85mm long Hex Head Bolts (qty 10)

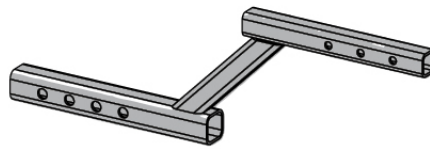


12mm Nyloc Nuts (qty 10)

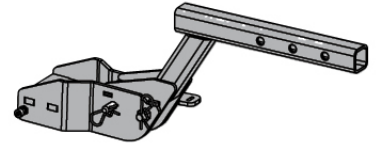
Optional: Tow Bar Adapters (GSA parts)



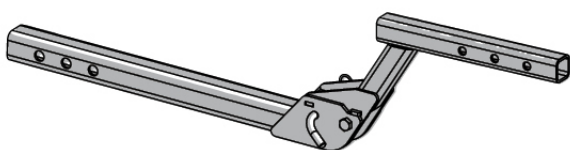
1&2 Bike - Tilting
Tow Bar Adapter



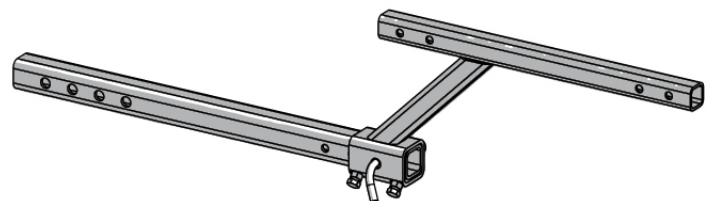
1&2 Bike - Fixed
Tow Bar Adapter



2 Bike Tongue - Tilting
Tow Bar Adapter



1&2 Bike - Tilting, Extended Length
Tow Bar Adapter

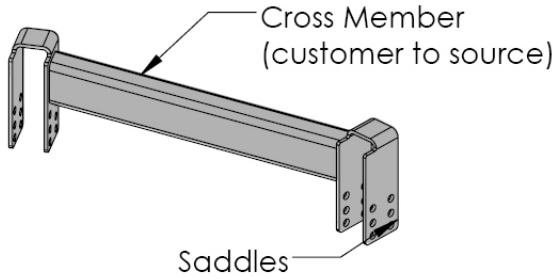


3&4 Bike - Fixed
Tow Bar Adapter

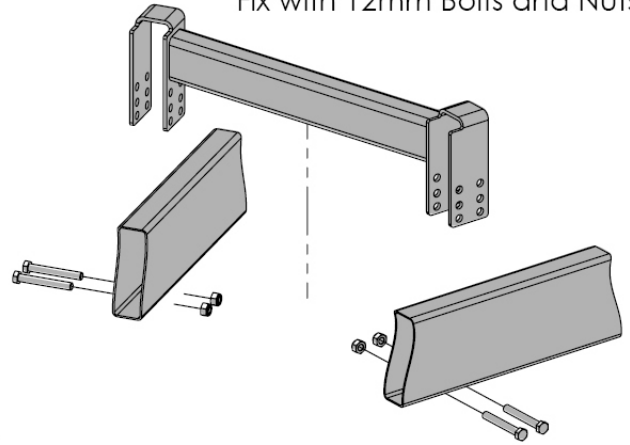
1. Install Cross Member onto Caravan Drawbar

Fitting method 1: Fit over an existing cross member on your caravan - skip Step 1.
Fitting method 2: Add a custom cross member - most common & shown below in Step 1.
Fitting method 3: Weld a new cross member in place - skip Step 1.
Additional guidance available in GripSport Van Rack Fitting Guide:
www.gripsport.com.au/new-fitting-method-gripsport-van-racks

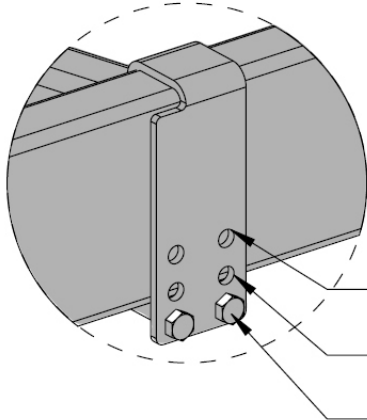
Position, cut and weld
Cross Member to Saddles.



Fit Cross Member over Drawbar.
Fix with 12mm Bolts and Nuts.

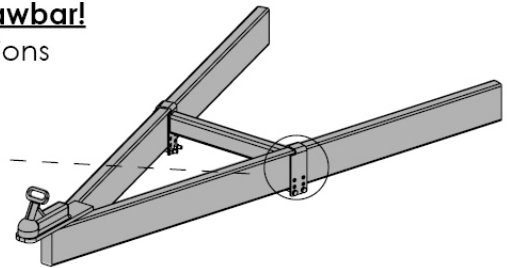


Use corresponding bolt holes to suit your Drawbar.



IMPORTANT !!
Saddle Bolts must sit snug under Drawbar!
Use corresponding bolt hole positions
as shown below.

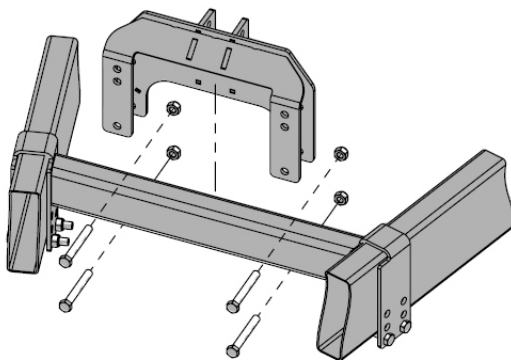
- 50mm x 100mm Drawbar holes
- 50mm x 125mm Drawbar holes
- 50mm x 150mm Drawbar holes



Installed position will be
custom to your caravan.

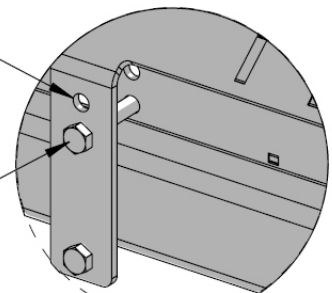
2. Install Bolt-on Mount onto Cross Member

Fit Bolt on Mount over Cross Member.
Fix with 12mm Bolts and Nuts.



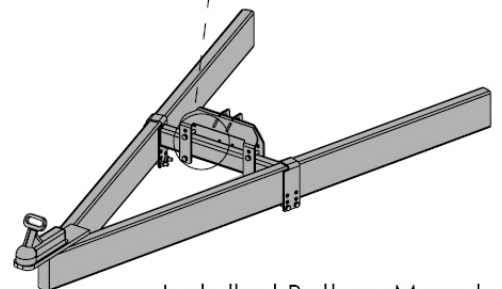
50mm x 100mm
Cross Member
holes position

50mm x 75mm
Cross Member
holes position



IMPORTANT !!
Bolt-on Mount top bolts must sit snug on top of Cross Member!!

Use corresponding bolt hole positions as shown above.

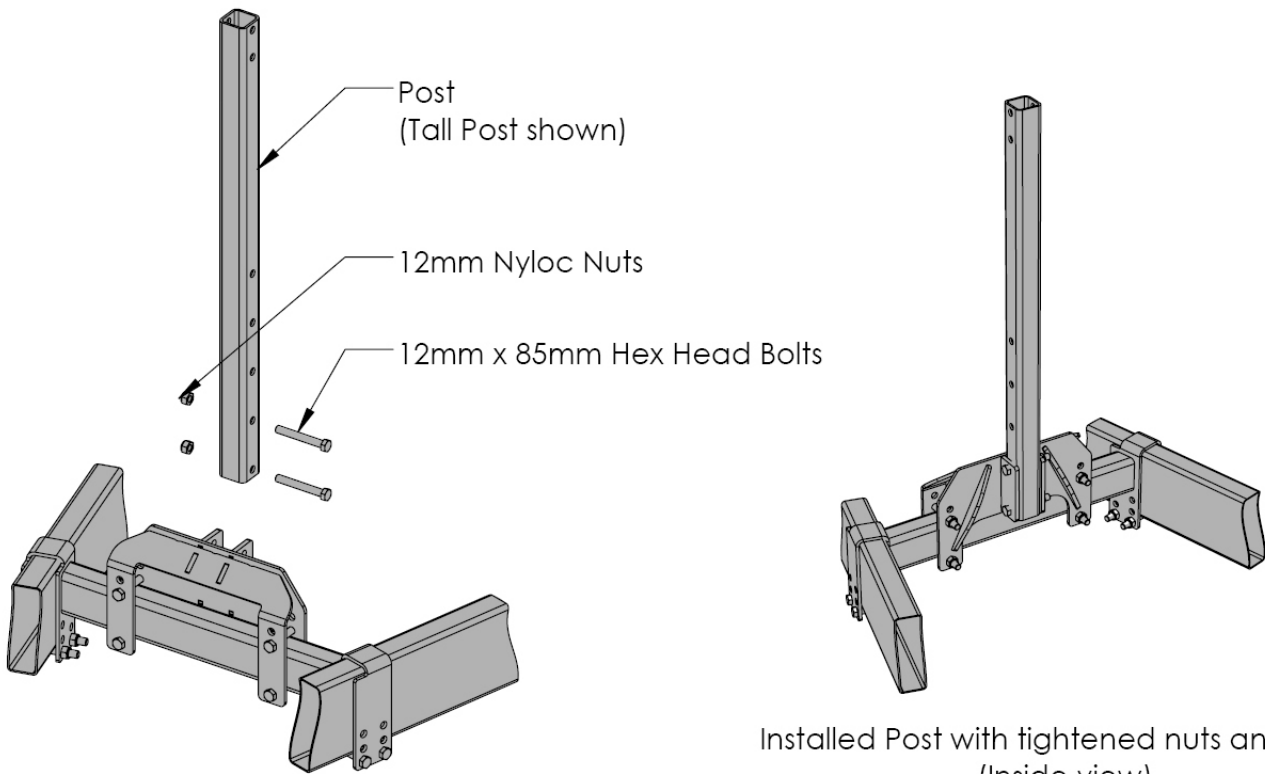


Installed Bolt on Mount.

3. Install Post onto Bolt-on Mount

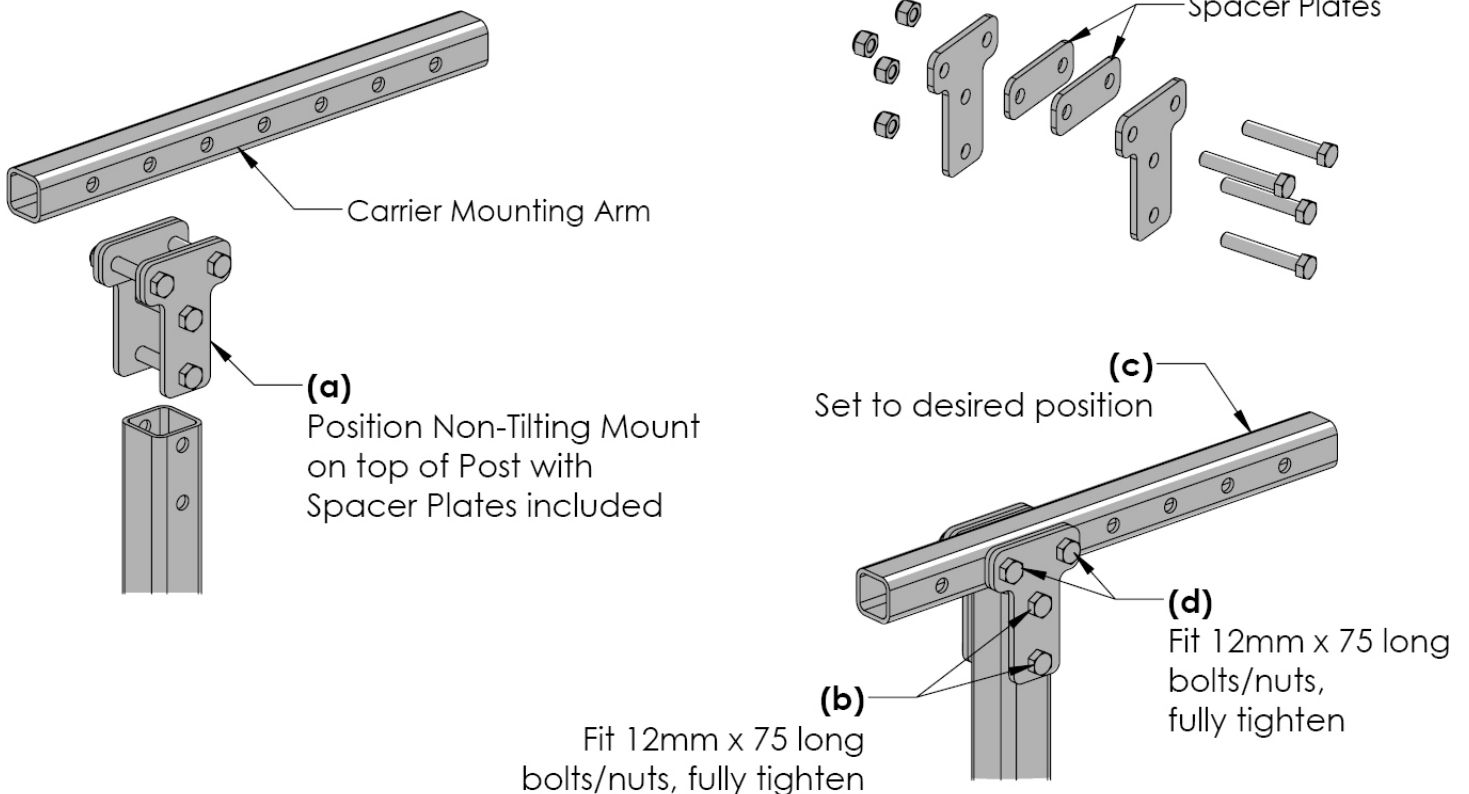
gripsport

Fit Post onto Bolt-on Mount using nuts and bolts.
Select your desired installation height to suit your available space.



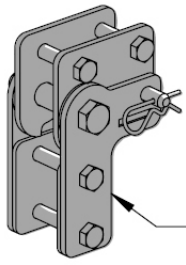
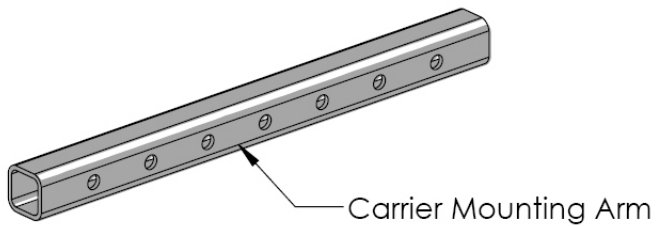
4. Install Mount & Carrier Mounting Arm onto Post

Type 1) Non-Tilt Mount:

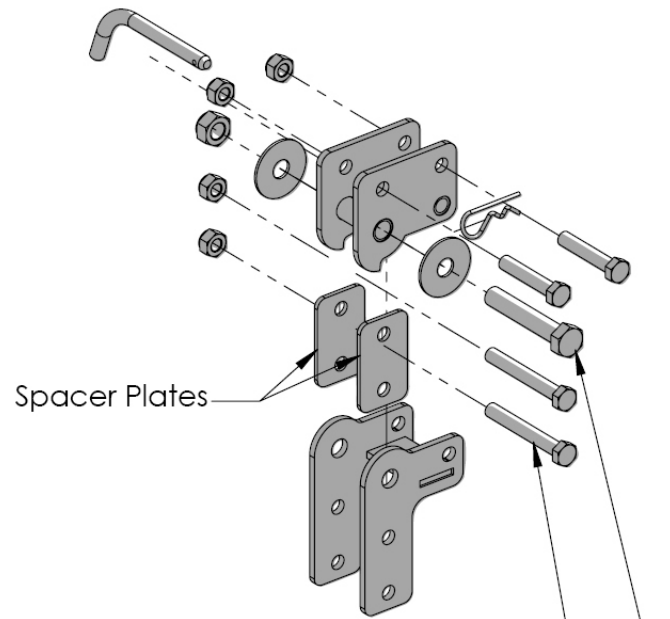
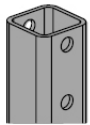


Type 2) Tilting Mount:

gripsport

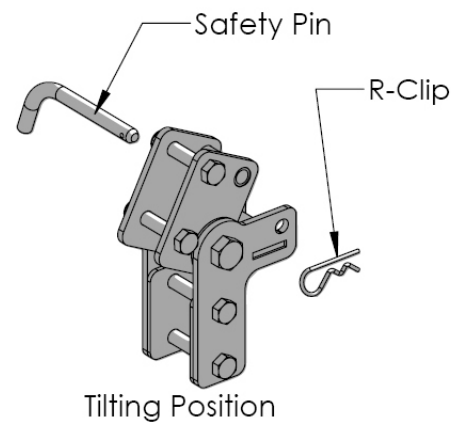
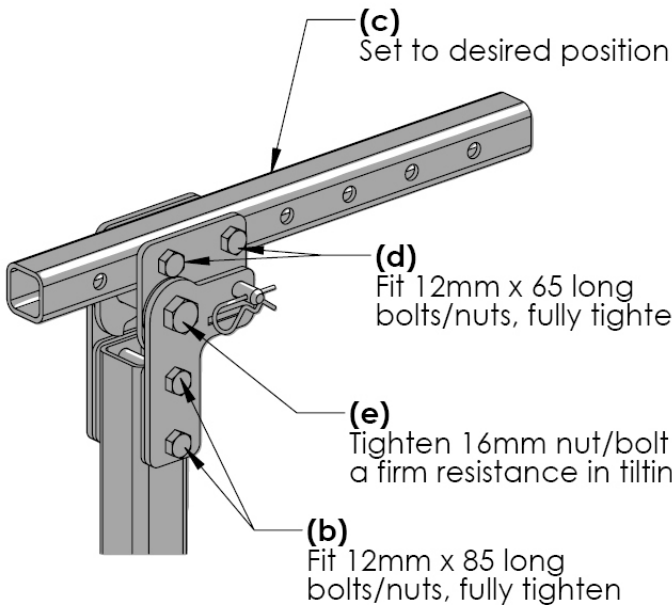


(a)
Position Tilting Mount
on top of Post with
Spacer Plates included

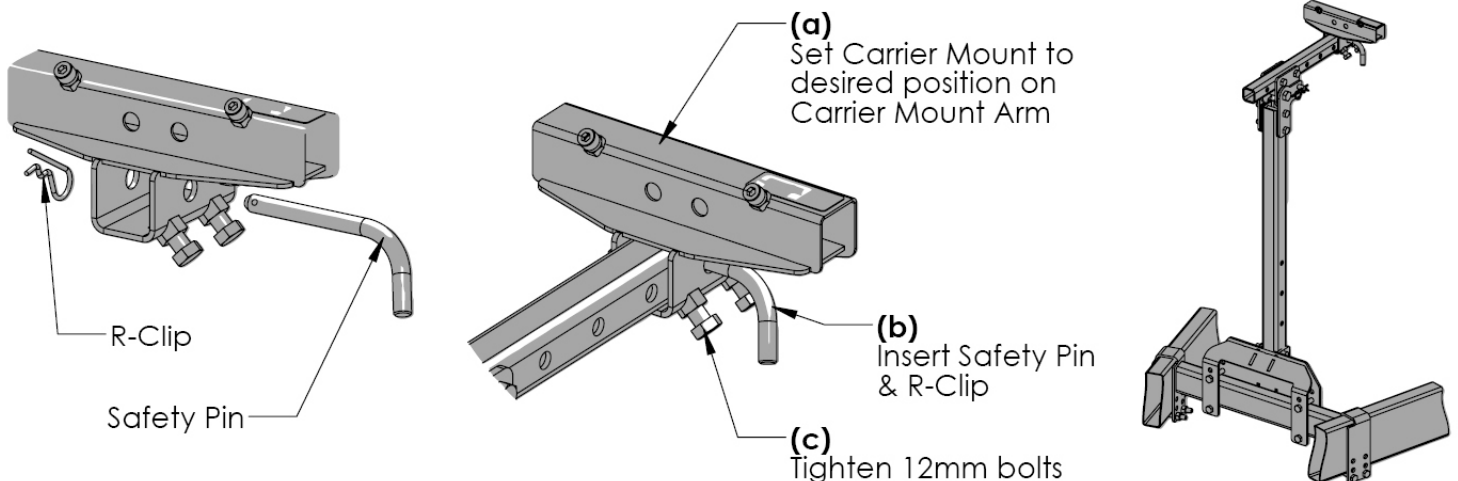


12mm x 85 long bolts/nuts (x4)

16mm x 90 long bolts/nut (x1)

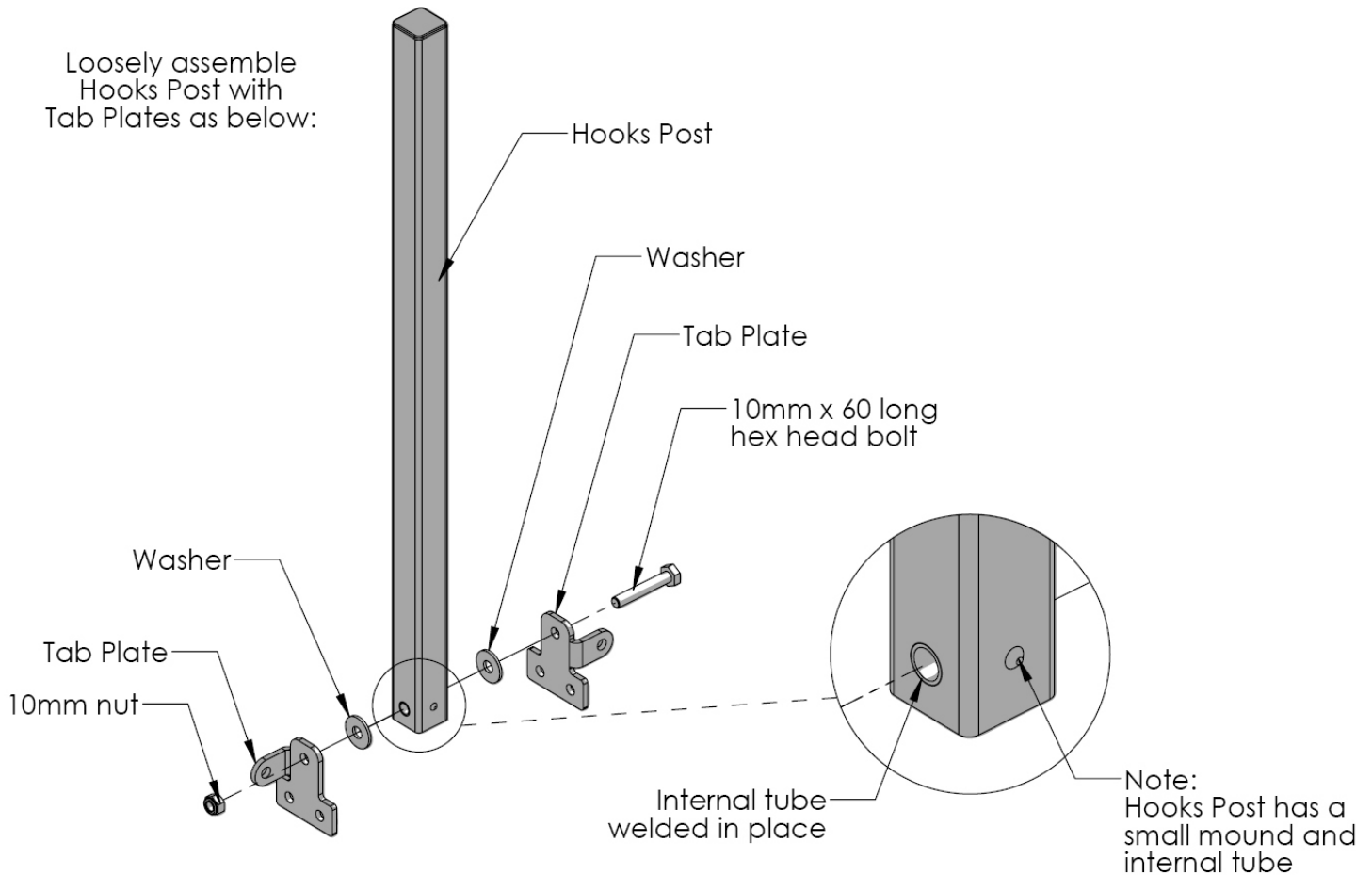


5. Fit Carrier Mount to Carrier Mounting Arm



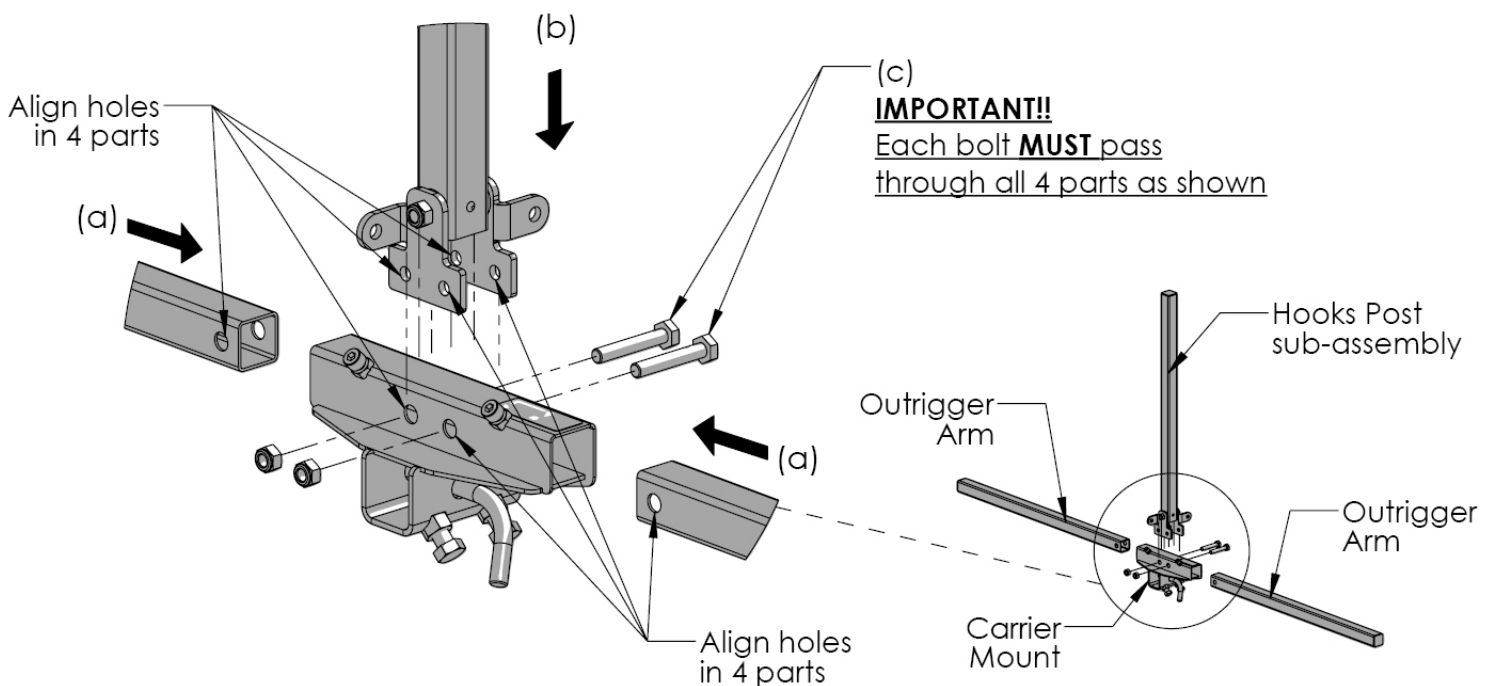
6. Sub-Assemble Hooks Post

gripsport



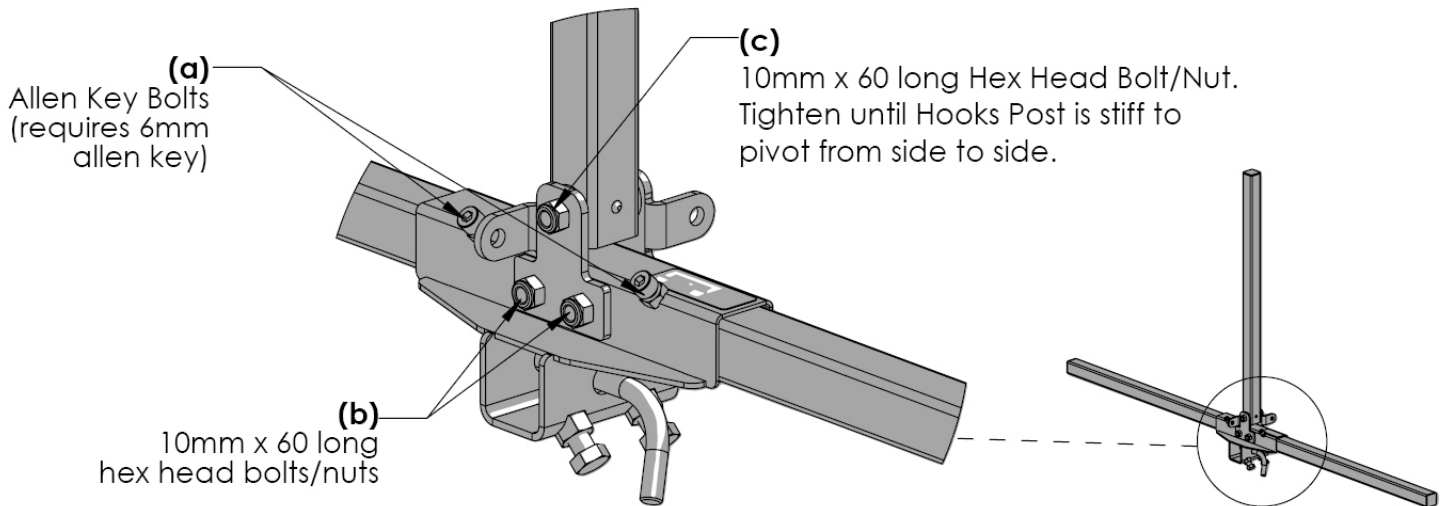
7. Fit Hooks Post & Outrigger Arms to Carrier Mount

- Insert Left and Right Outrigger Arms into Carrier Mount (align holes)
- Place Hooks Post assembly over Carrier Mount (align holes)
- Insert 10mm x 60 long Hex Head Bolts through all parts & loosely fit 10mm Nyloc Nuts

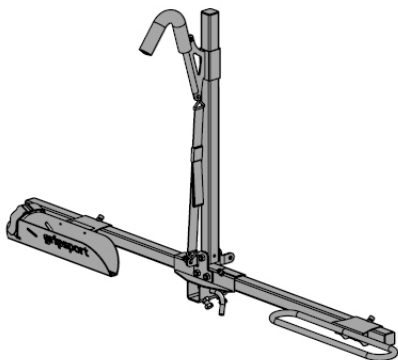


8. Tighten fixings on Carrier Mount

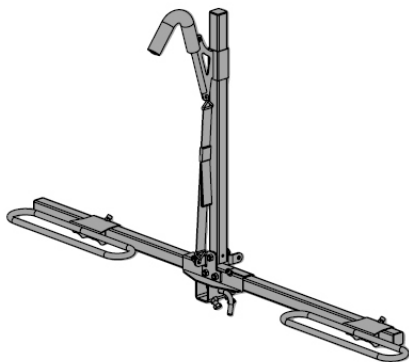
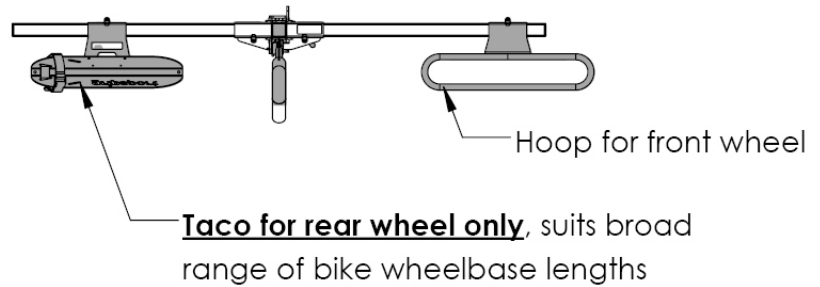
Tighten all bolts in this sequence:



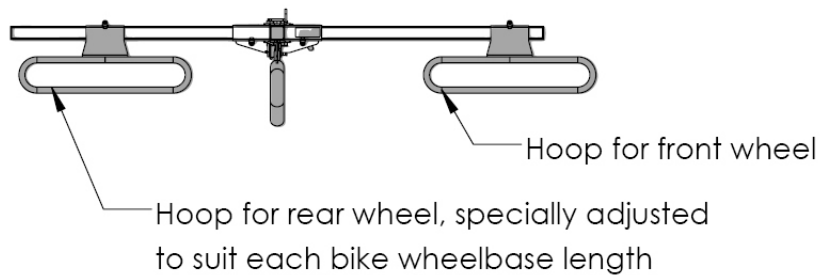
9. Fit Wheel Carrier system to Outrigger Arms



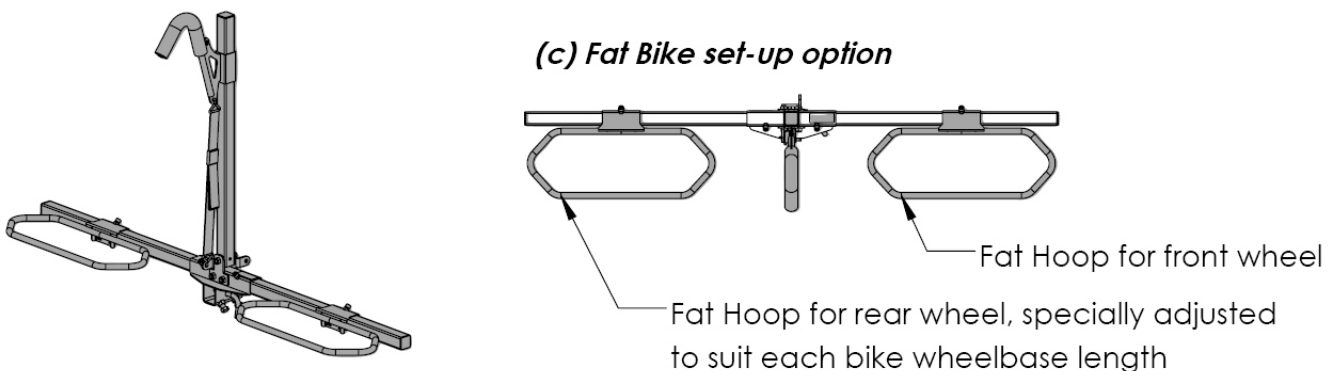
(a) Hoop & Taco set-up (standard)



(b) All Hoop set-up option



(c) Fat Bike set-up option

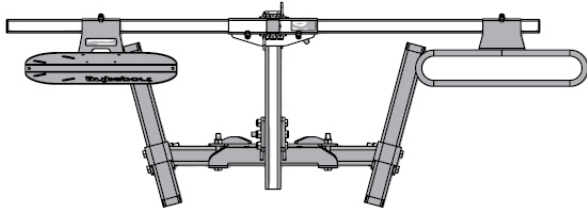


9. Standard: "Taco" Rear Wheel Channel + Hoop

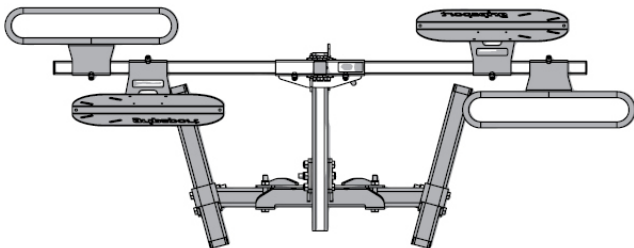
The configurations shown will suit the majority of bikes from 20" BMX to 29" MTB. You may need to alter this depending on your particular combination of bikes.

(a) Add Taco onto Outrigger Arm, then add Hoop. Position as shown. Repeat for next bike position.

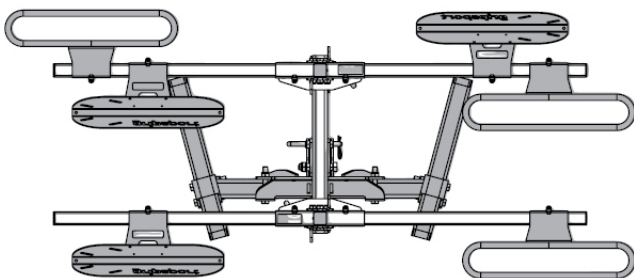
1 Bike Carrier



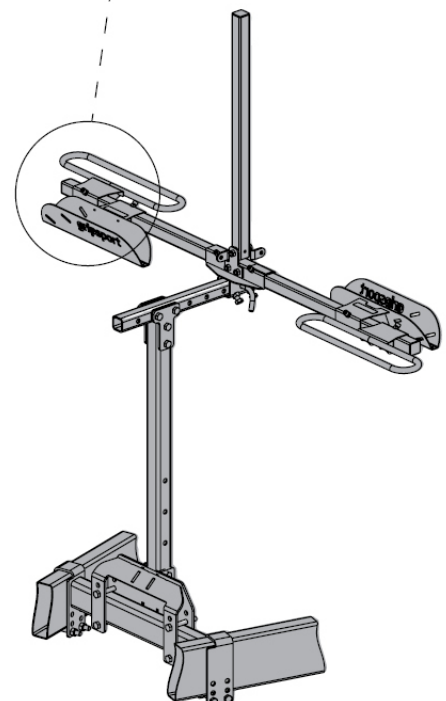
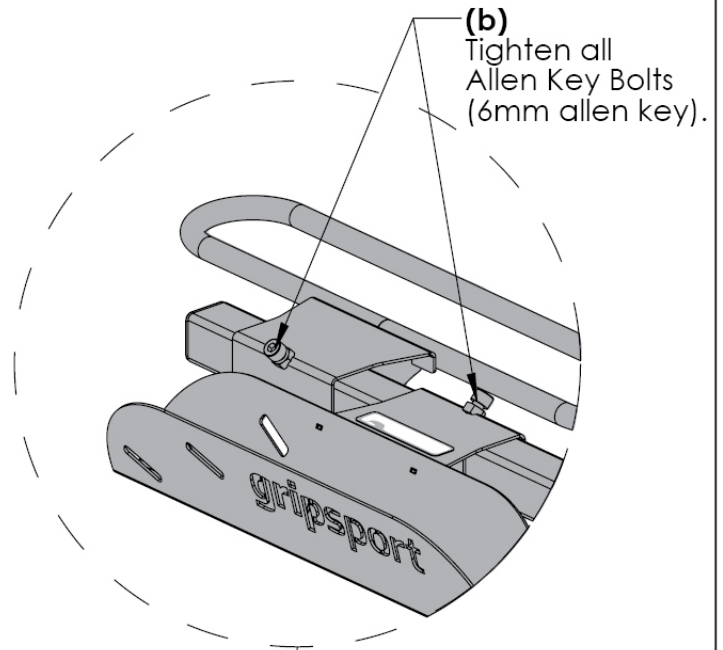
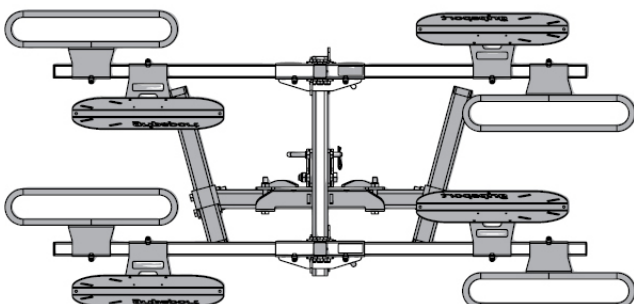
2 Bike Carrier



3 Bike Carrier



4 Bike Carrier

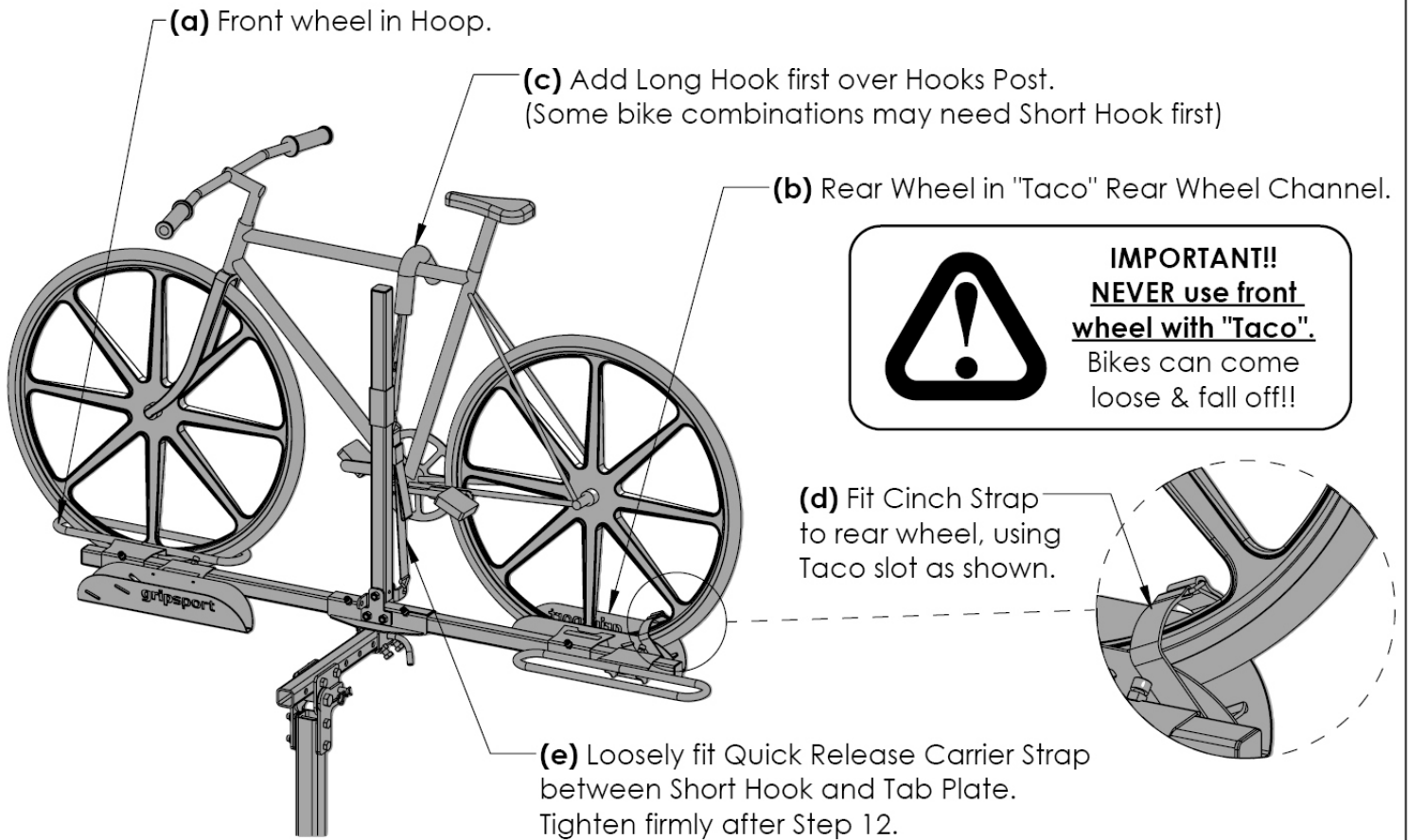


Shown:
Tall Post with Fixed Mount, 2 bike carrier with Hoop and Taco wheel carrier set-up.

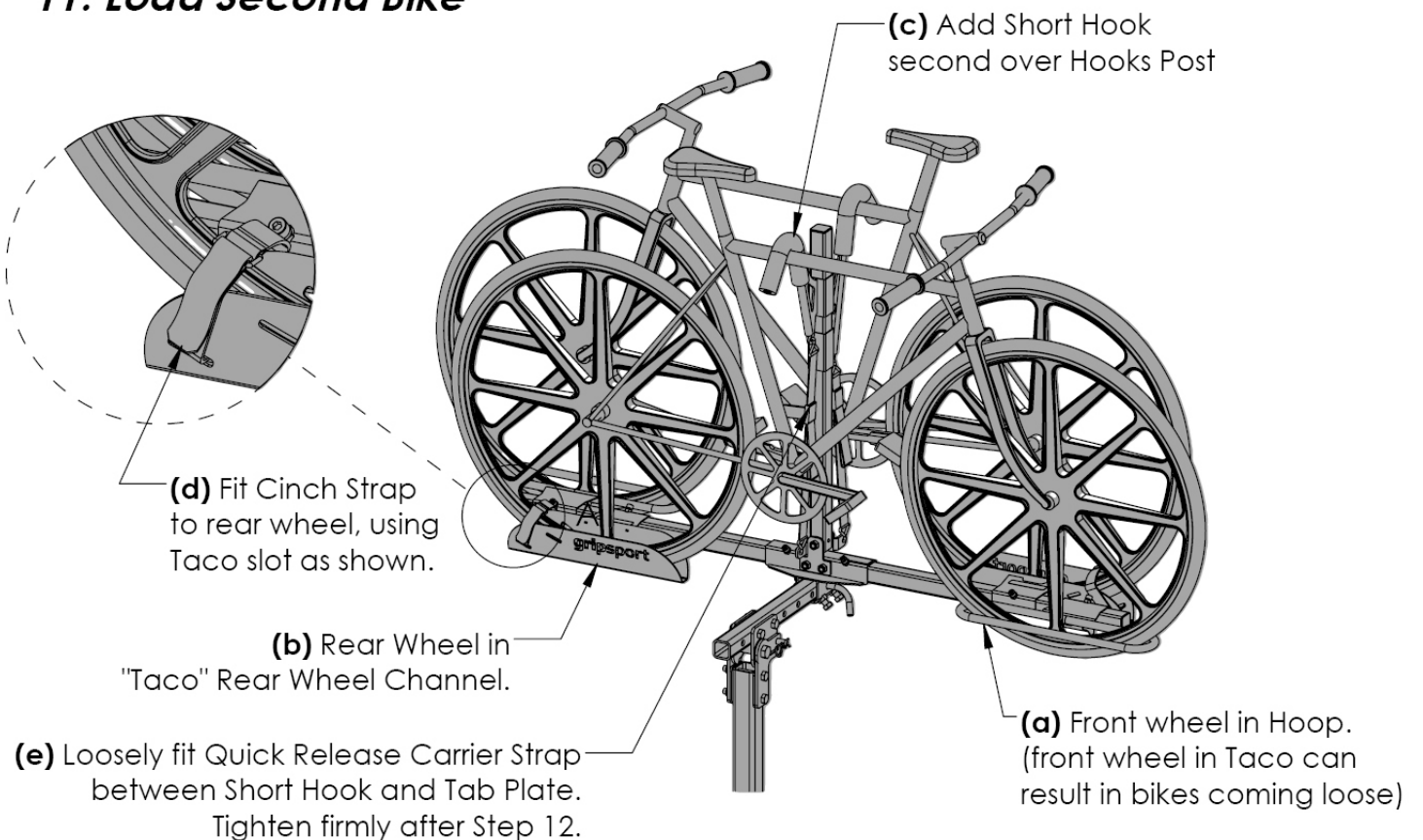
Note:
All-Hoop & Fat Bike set-up follows same method.

10. Load First Bike

Lift first bike into position as shown and complete these steps:



11. Load Second Bike



12. Hooks & Post for secure carrying

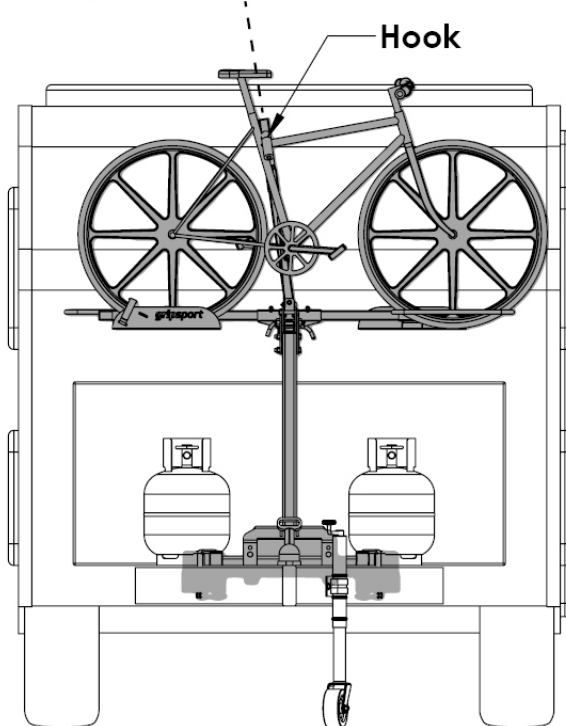
gripsport



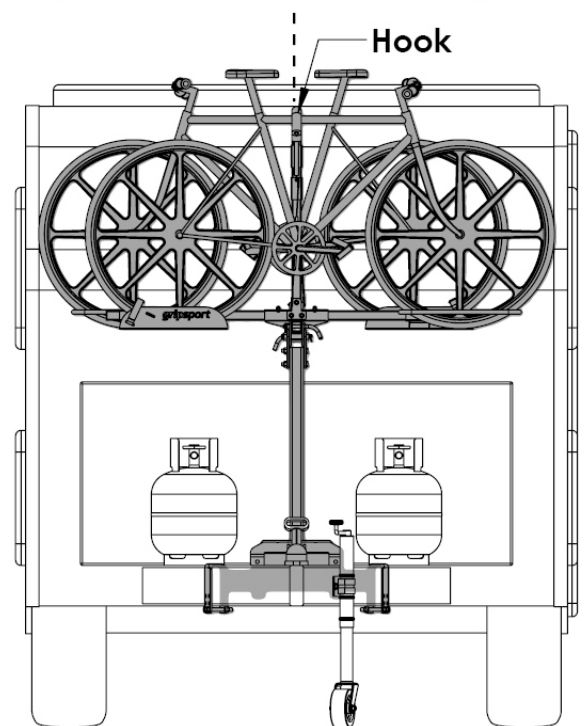
IMPORTANT!!

User **MUST** adjust Hook and Hooks Post to suit their bikes as shown below to ensure secure carrying. Failure to do so can result in bikes coming loose off rack!

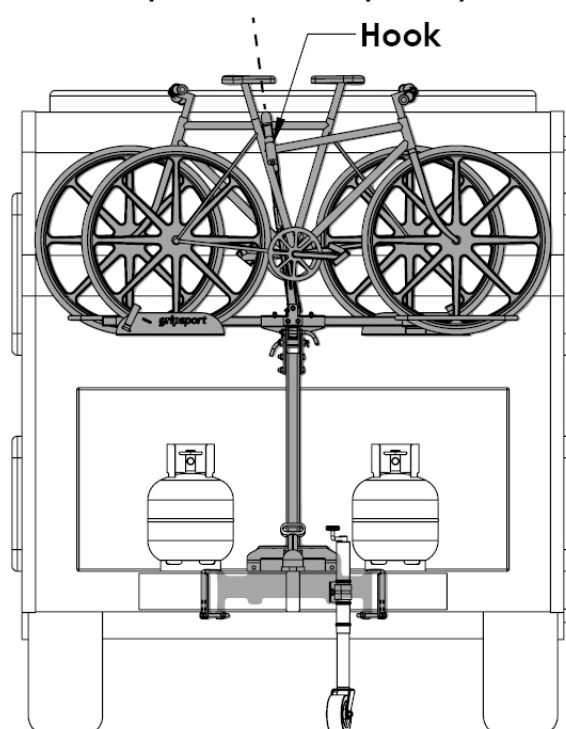
If carrying only 1 bike, **pivot the Hooks Post so the Hook sits at the lowest point on the sloped top tube.**



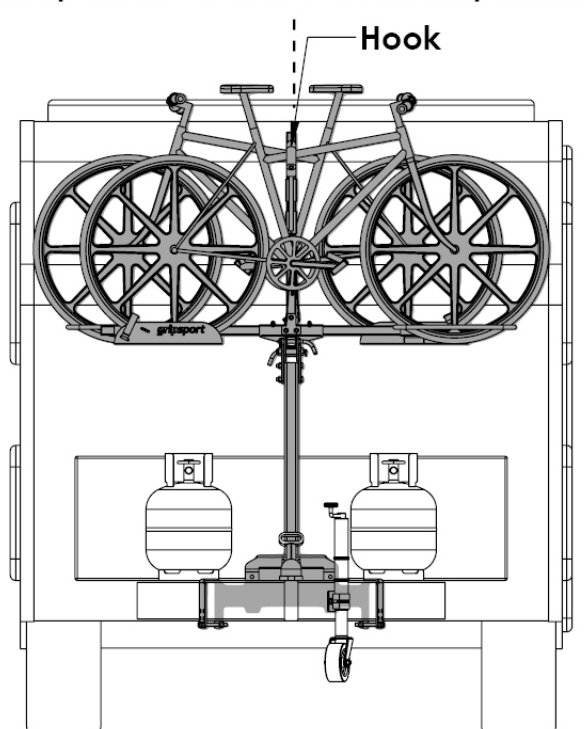
If carrying 1 or 2 bikes with flat top tubes, **keep the Hooks Post in a vertical position.**



If carrying 1 flat & 1 sloped top tube bikes, **pivot the Hooks Post so the Hook sits at the lowest point on the sloped top tube.**

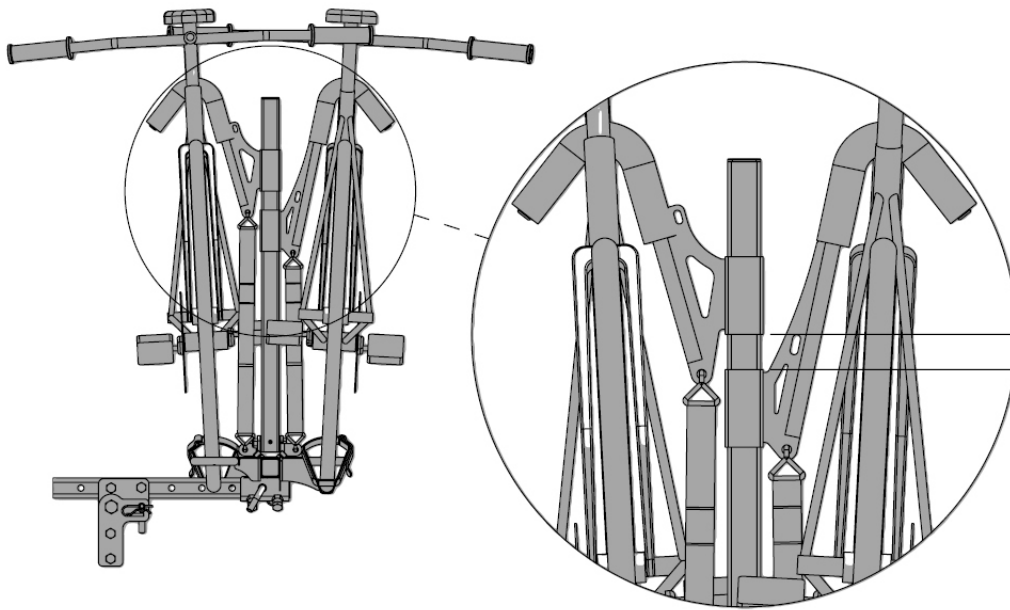


If carrying 2 sloped top tube bikes, **keep the Hooks Post in a vertical position.**



13. Tighten Carrier Straps

Tighten Carrier Straps and ensure a gap is remaining between Hooks.



IMPORTANT!!

There **MUST** be a gap between the Hooks to ensure firm tension of Carrier Straps. Tilt Hooks Post if needed.

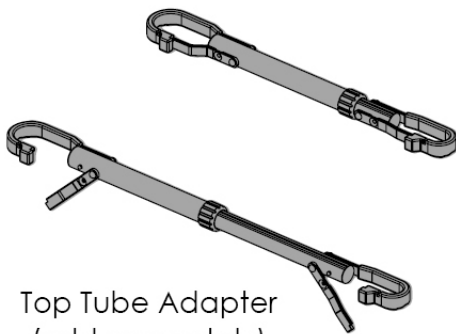
Check & tighten all Carrier Straps firmly!

Note: Straps can also be fitted to upper holes in Hook if needed.

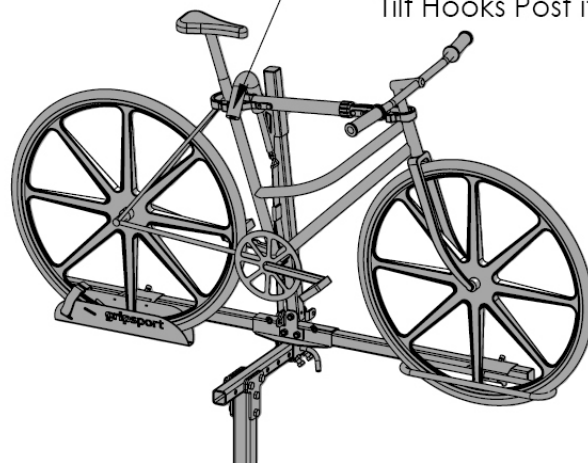
14. Special Case - Step-through Frames



Step-through frames with a low top tube **MUST** be fitted with a Top Tube Adapter to ensure the Hook and Carrier Strap work effectively.



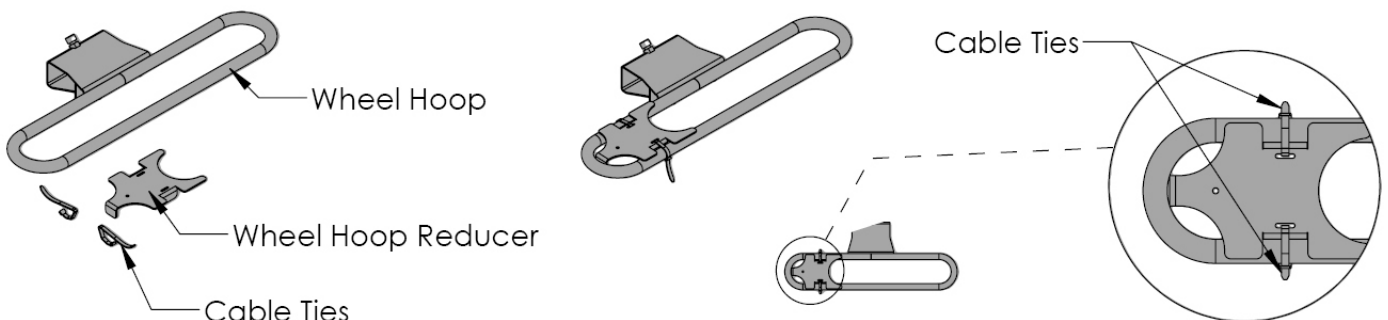
Top Tube Adapter
(sold separately)



If carrying only 1 bike, position Hook at lowest point on Top Tube Adapter. Tilt Hooks Post if needed.

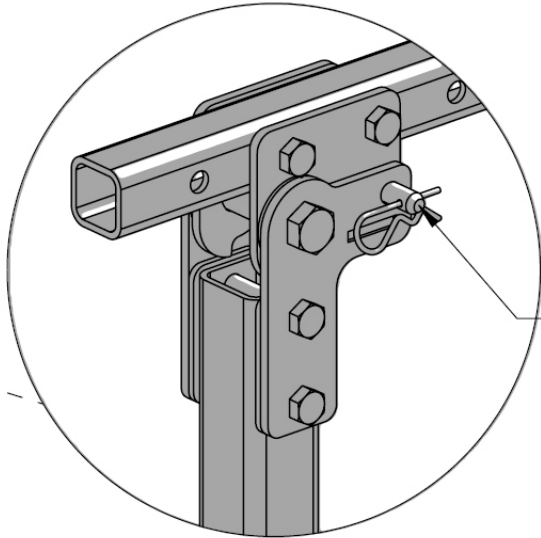
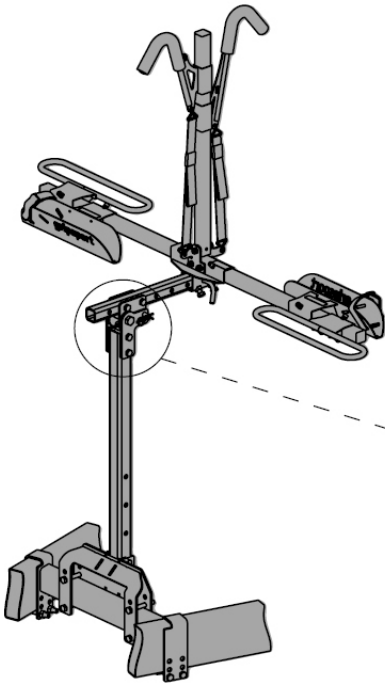
15. Special Case - Wheel Hoop Reducers

If using Wheel Hoop Reducers, position as shown below and fix with Cable Ties:



16. Tilting the Carrier

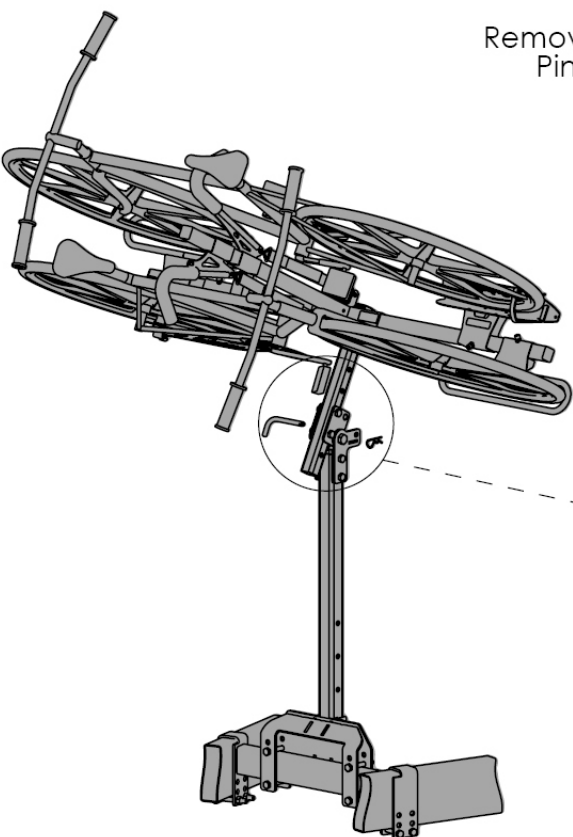
If a Tilting Mount has been selected, the carrier can be tilted to gain access to toolboxes, etc underneath the rack.



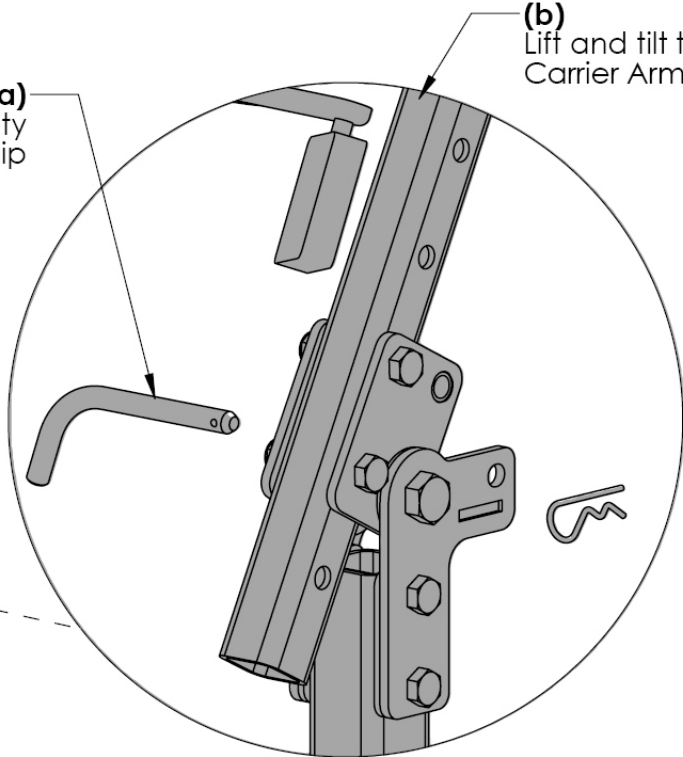
R-Clip & Safety Pin in place for travel.

Locked Position for travel

Follow these steps to raise/lower the carrier.



(a) Remove Safety Pin & R-Clip



(b) Lift and tilt the Carrier Arm

Open Position for caravan access

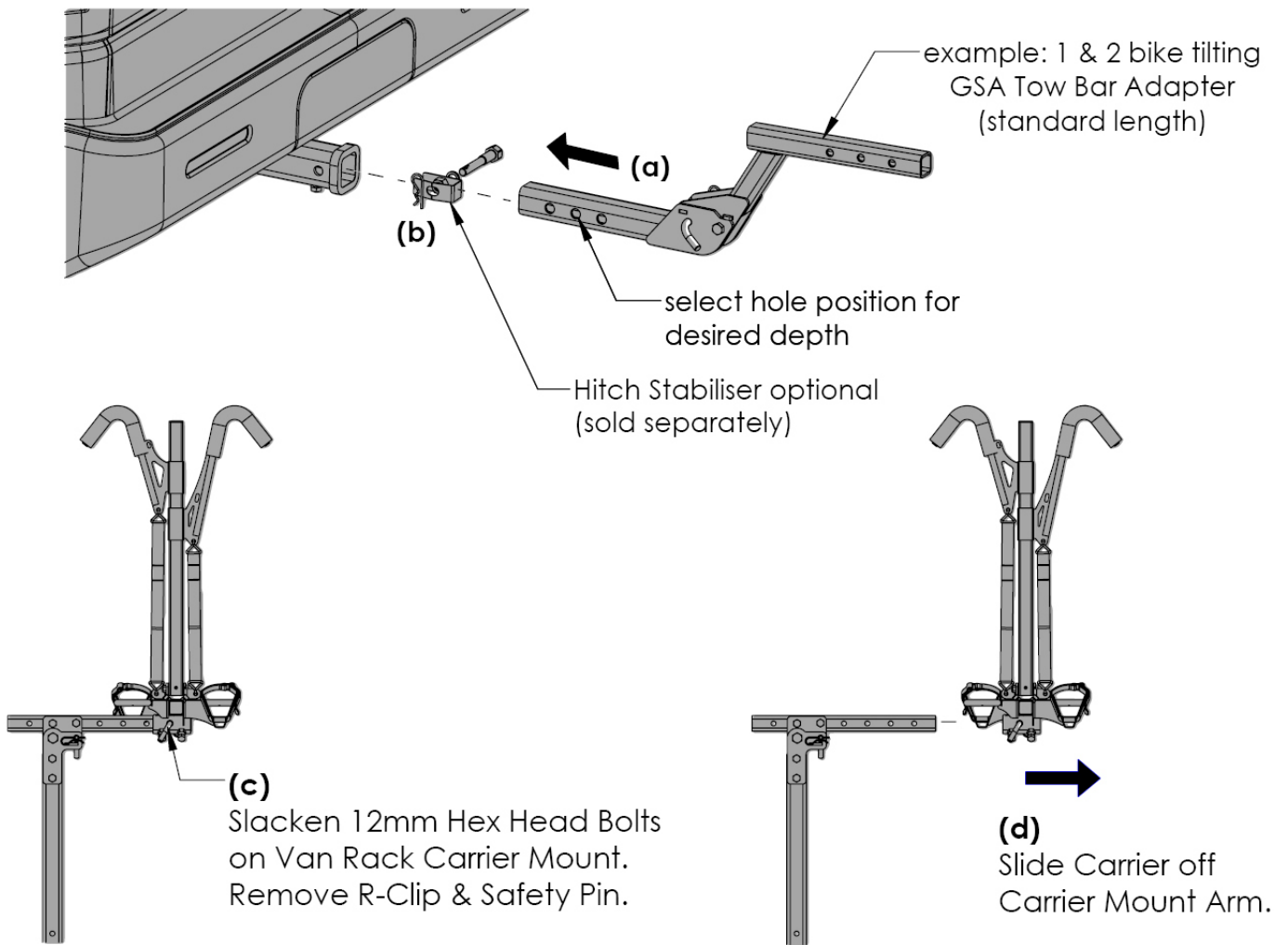
(c) **Gently** lower the carrier until it reaches the stop at the closed position.

 (d) **ALWAYS** refit Safety Pin & R-Clip to lock Carrier Mounting Arm before travel.

17. Switching between Van Rack & Tow Bar Adapter

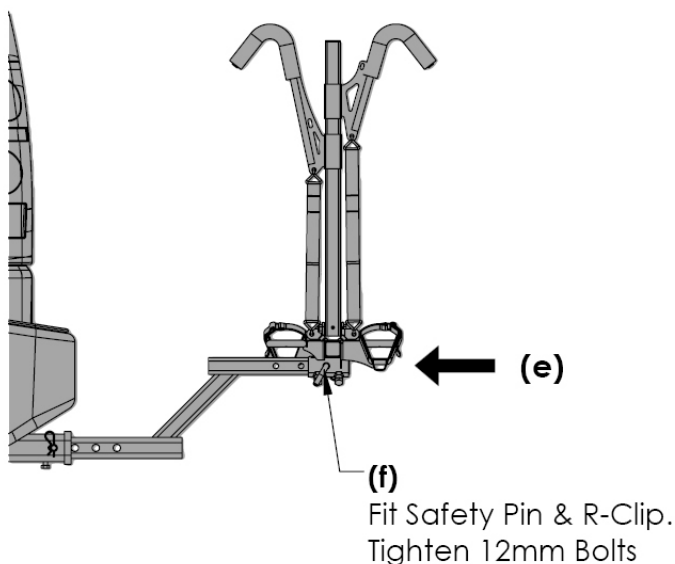
gripsport

- (a) Fit selected Tow Bar Adapter to vehicle hitch receiver (2inch square) into desired depth.
- (b) Use your hitch pin & safety clip, tighten any anti-rattle bolts, etc as per your tow bar guidelines. Install Hitch Stabiliser if purchased for added stability.



- (e) Slide Carrier onto selected Tow Bar Adapter.

1&2 Bike Tow Bar Adapter



3&4 Bike Tow Bar Adapter

