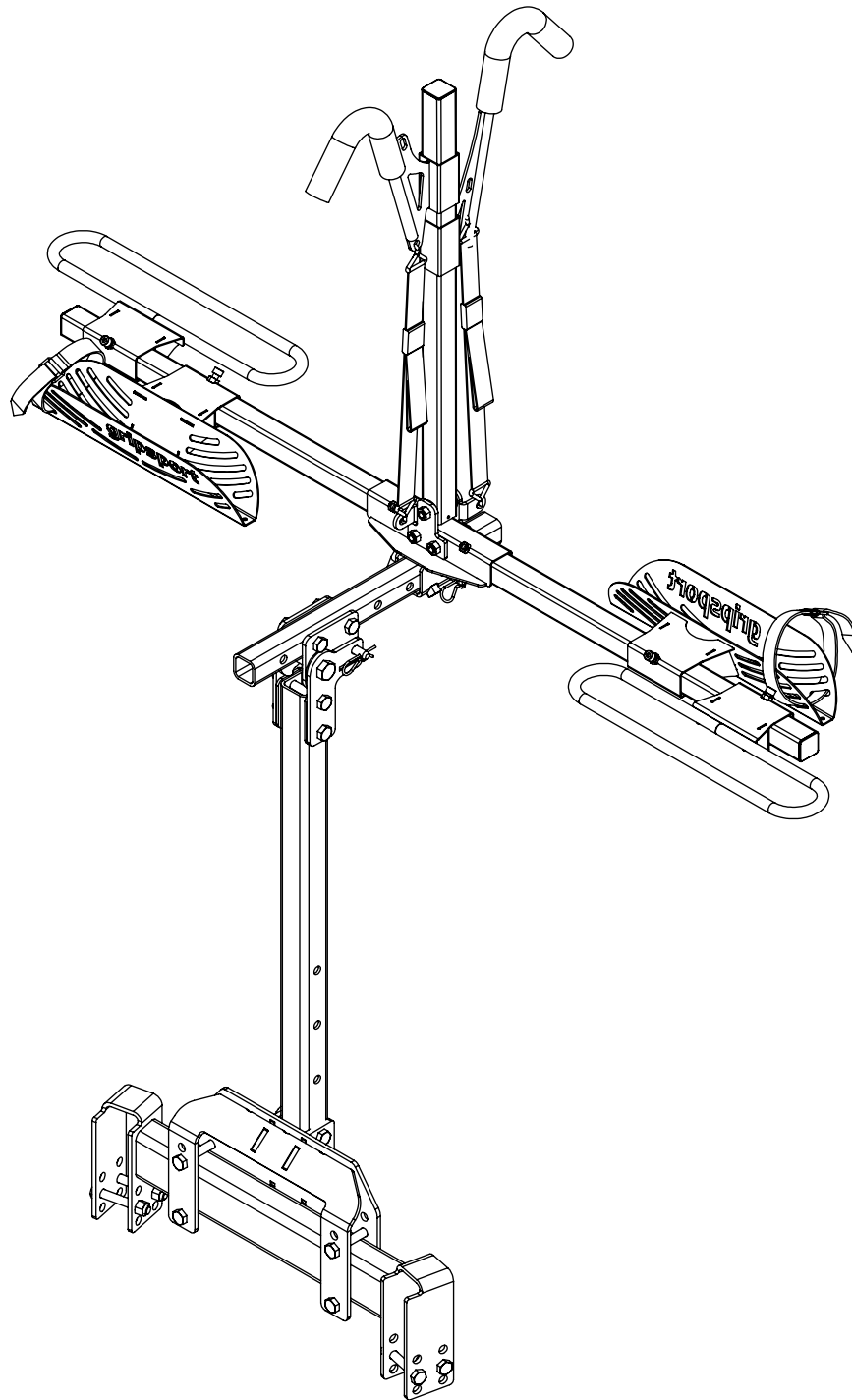


***grip*sport®**

# Assembly Instructions

## Van-rack & Bolt-on Mount

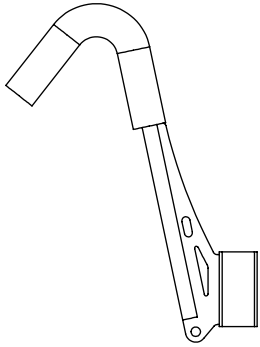


**Max. 30kg Per bike. Total max 120 Kg**

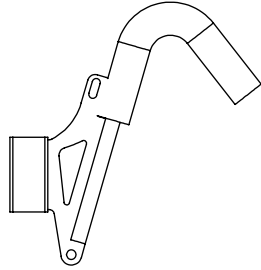


# Van Rack parts list

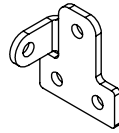
Parts supplied for a 2 Bike 'Van Rack'.  
Double quantities for 4 Bike Van Rack.



1 x Long Hook



1 x Short Hook



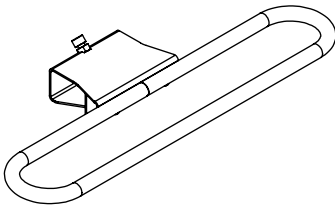
2 x Tab Plates



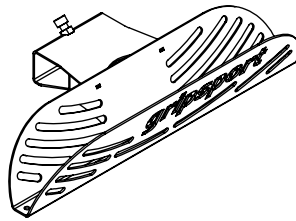
2 x Tie Down Straps



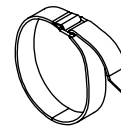
3 x Arms



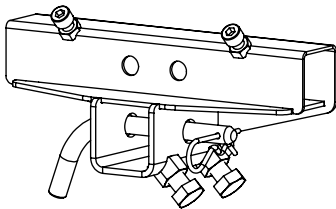
2 x Wheel Hoops



2 x Wheel Channels




2 x Cinch Straps



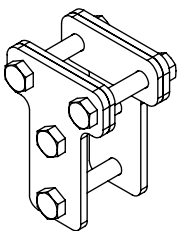
1 x Carrier mount with safety pin & R clip

3 x 10mm x 60 long hex head bolts 

3 x 10mm nuts 

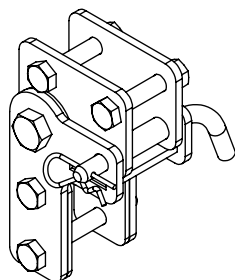
2 x Large 10mm washers 

1 each of the following items.

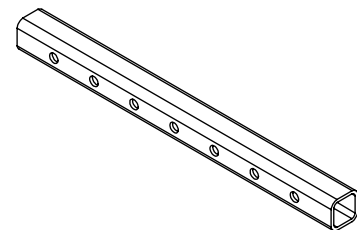


Non tilting mount

or

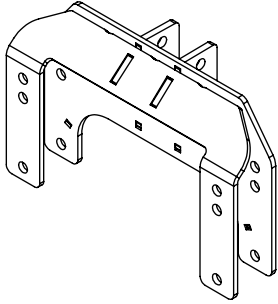


Tilting mount

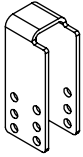


Carrier mounting arm.  
(1, 2, 3 or 4 bike version)

# Bolt on Mount parts list



1 x Bolt on Mount

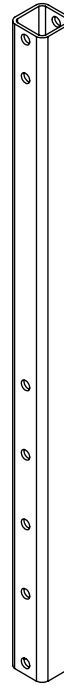


2 x Saddle



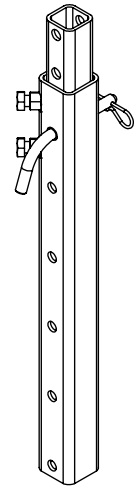
1 x Short Post

or




1 x Tall Post

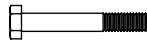
or



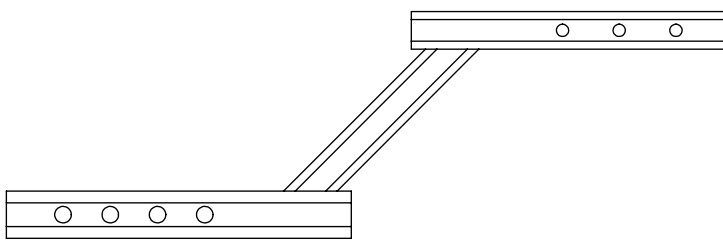
1 x Quick release post

10 x 12mm nuts 

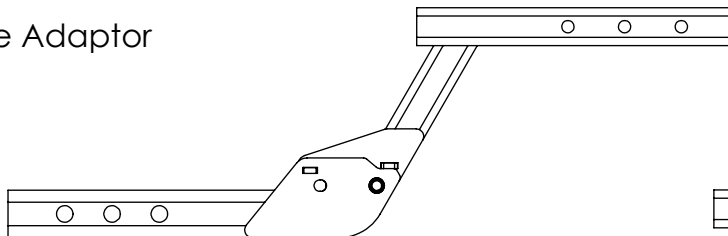
10 x 12mm x 85 long hex head bolt



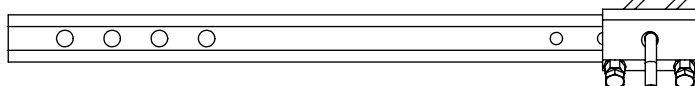
## Optional. Tow bar adaptors



1 & 2 Bike Adaptor



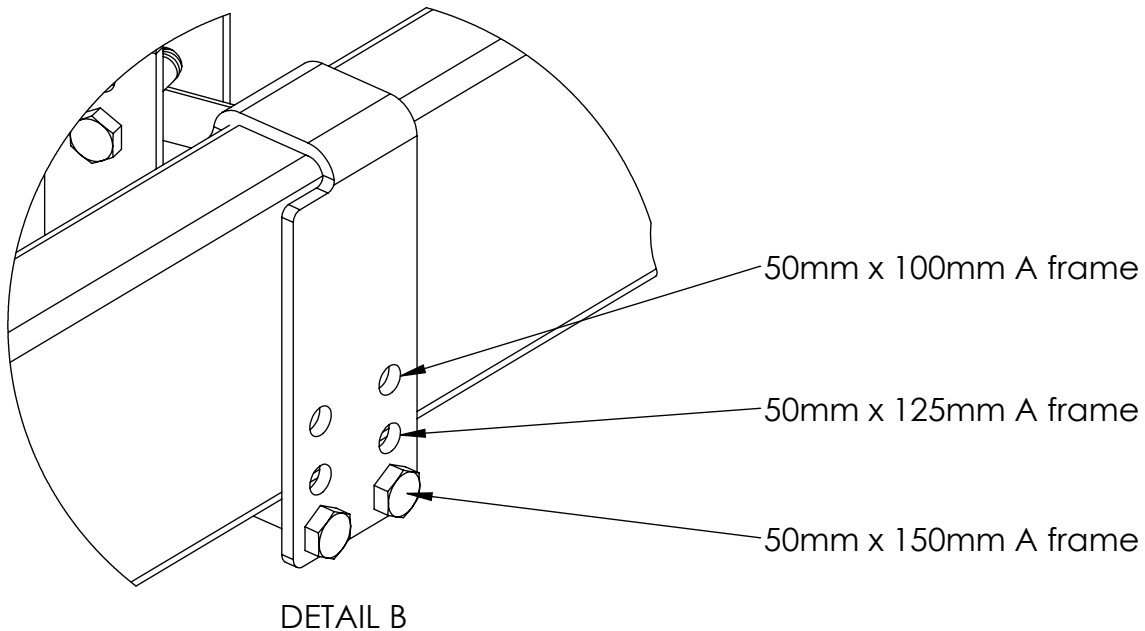
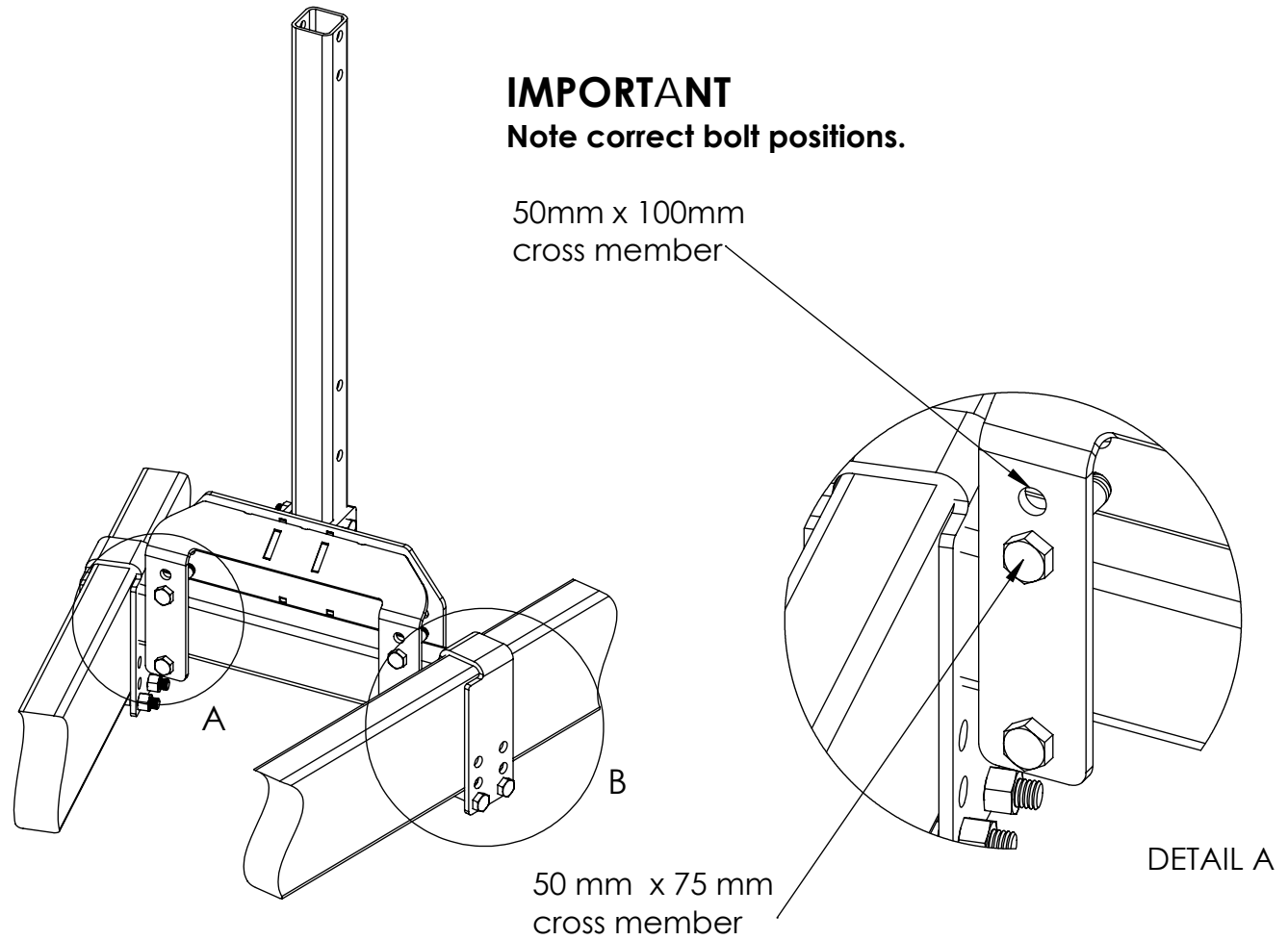
Tilting 1 & 2 Bike Adaptor



3 & 4 Bike Adaptor

Using one of the fitting methods.  
Install the upright post to your caravan A frame.  
Fitting method 2 is shown below.

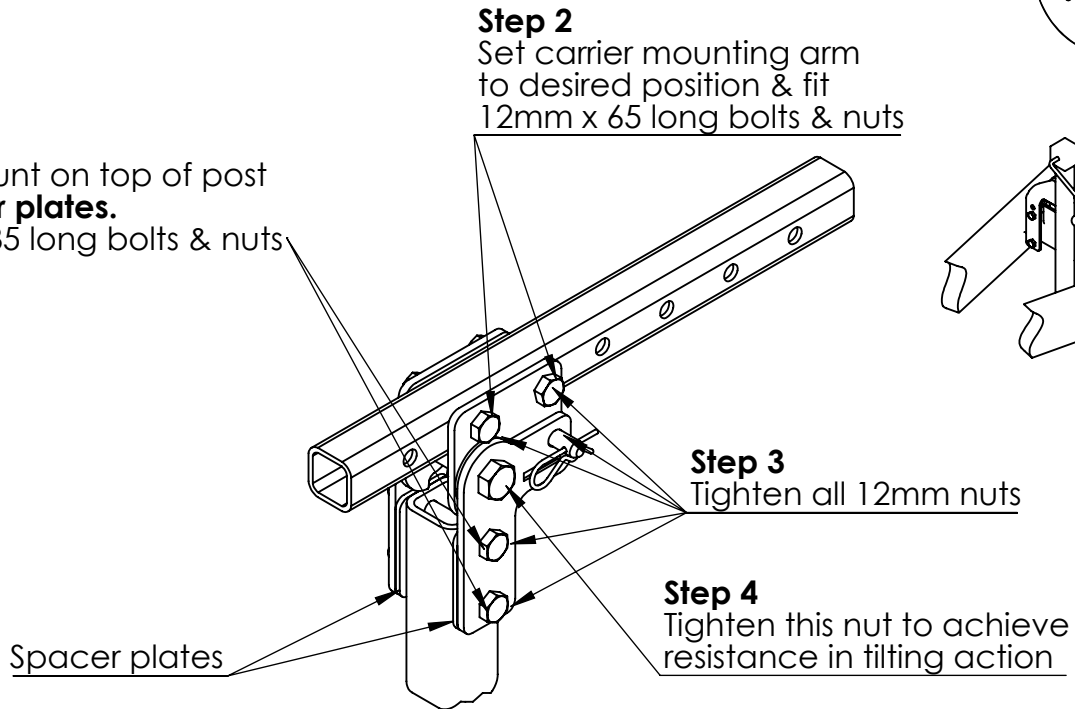
**IMPORTANT**  
Note correct bolt positions.



## Fit assembly to top of post.

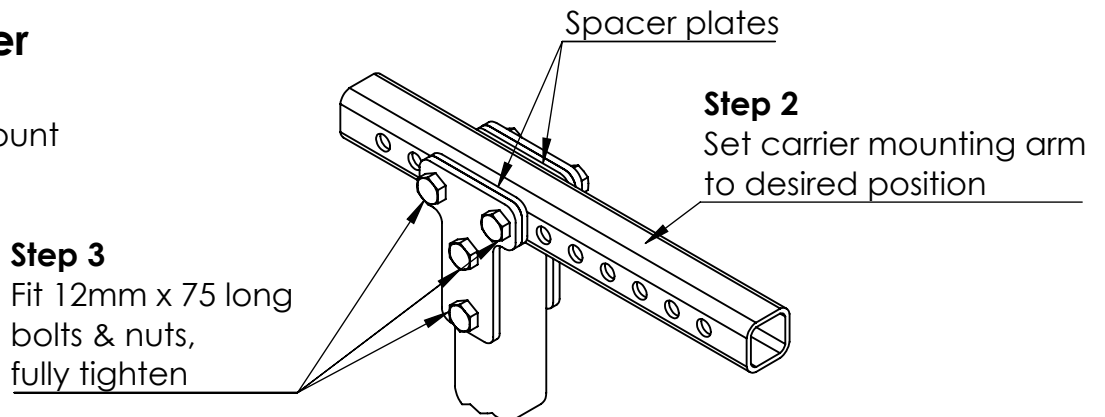
### Tilting Carrier

**Step 1**  
Position mount on top of post  
**Note spacer plates.**  
Fit 12mm x 85 long bolts & nuts

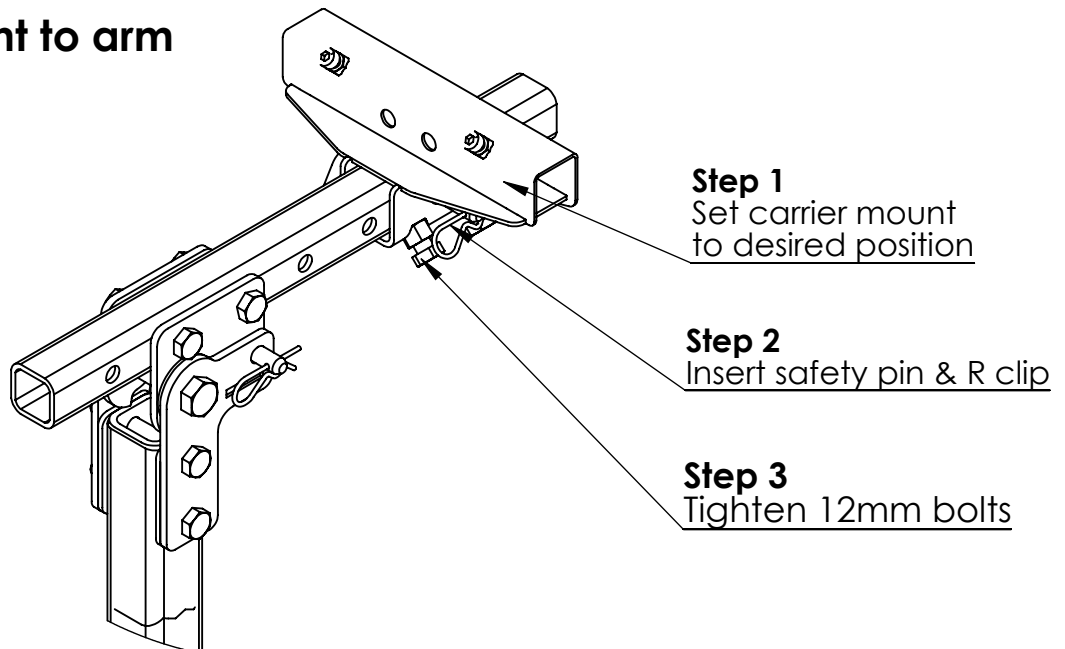


### Non Tilting Carrier

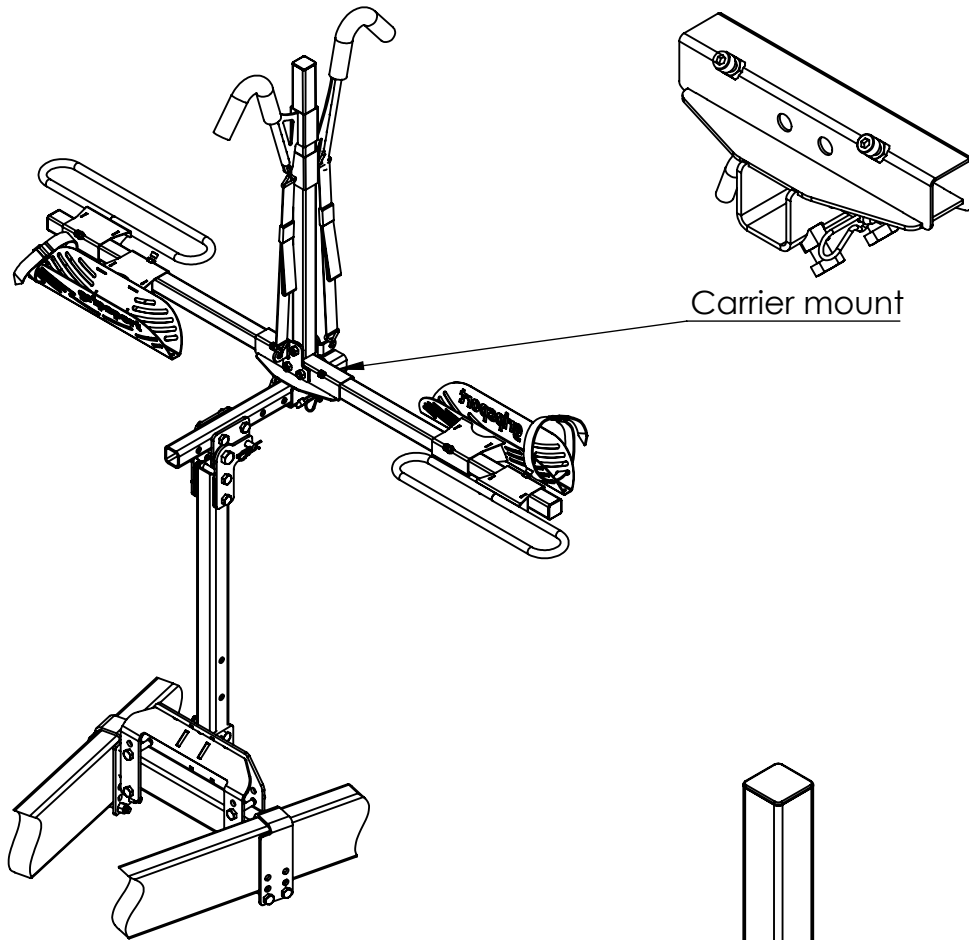
**Step 1**  
Position non tilting mount  
on top of post  
**Note spacer plates**



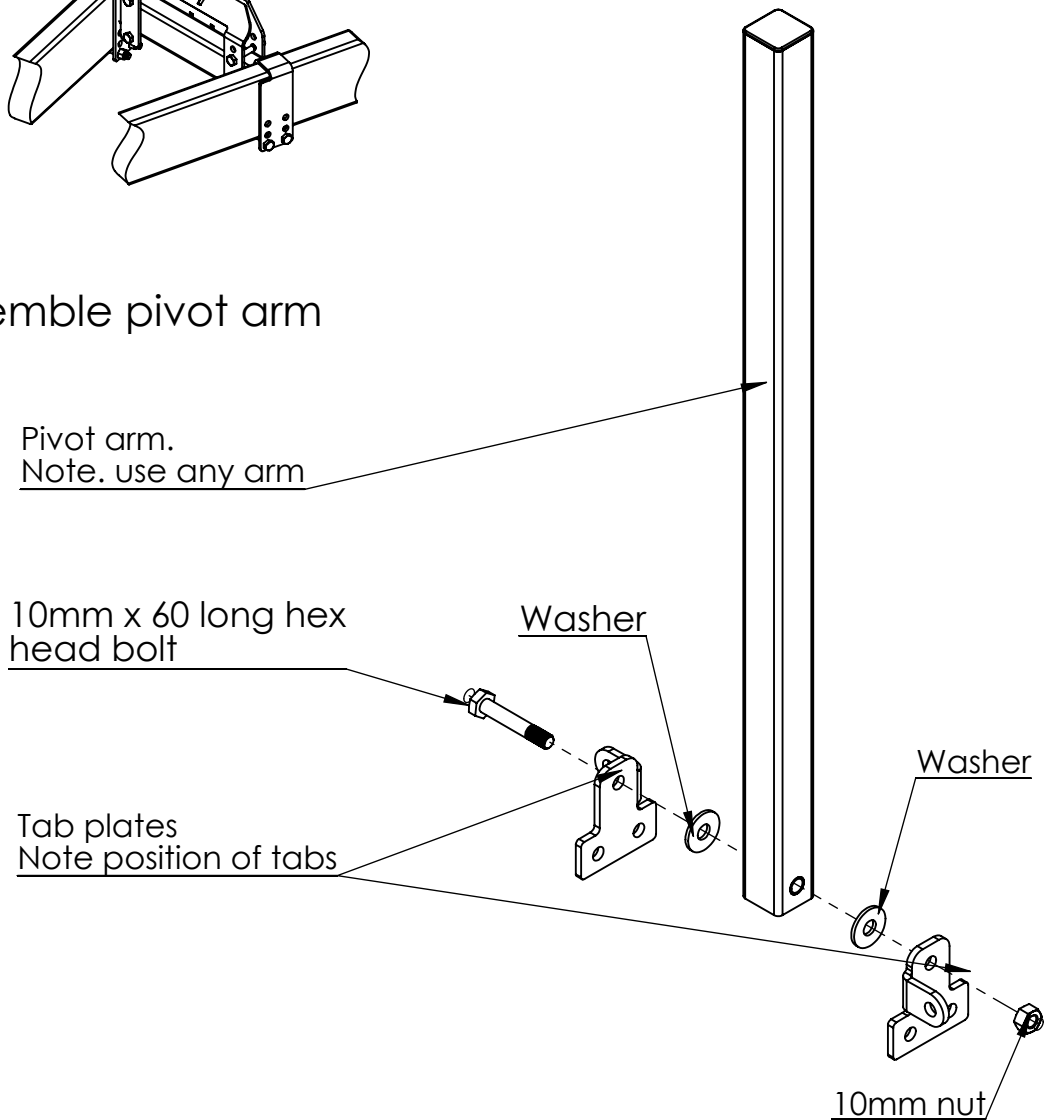
### Fit carrier mount to arm



# Assembling carrier to carrier mount



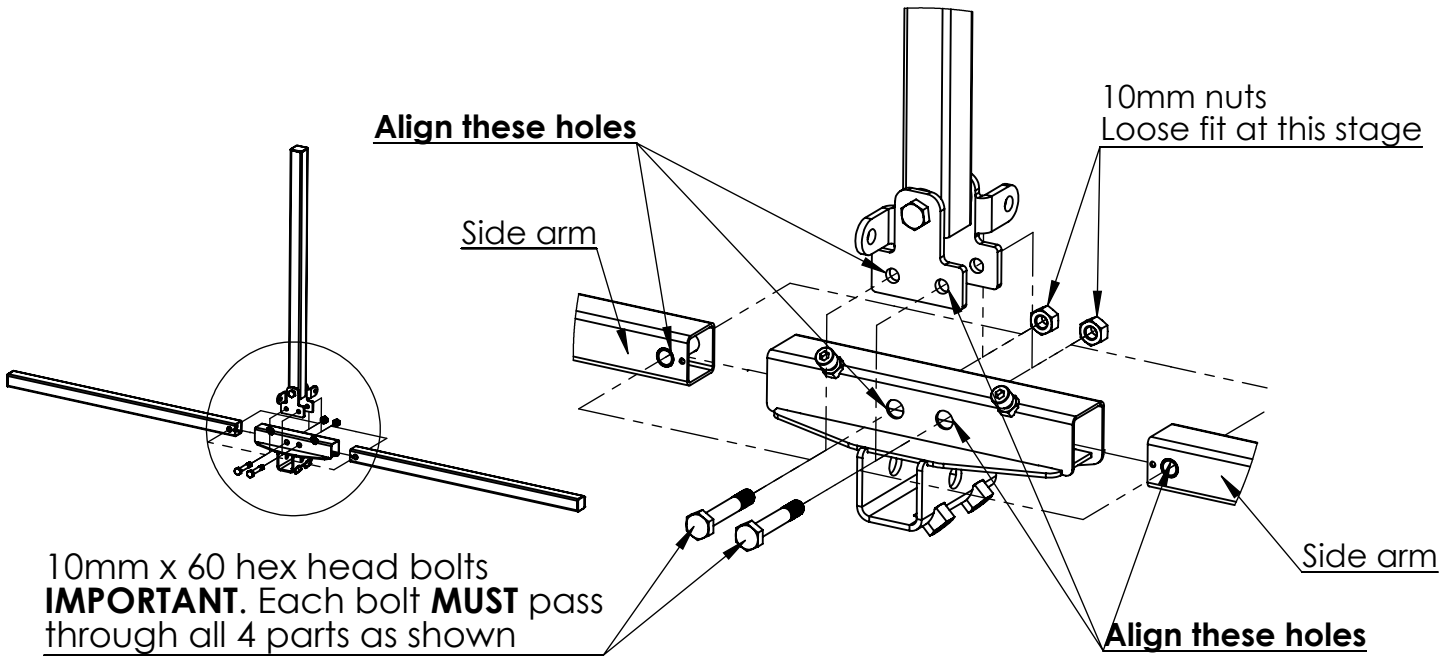
## Step 1 Loosely assemble pivot arm



## Step 2

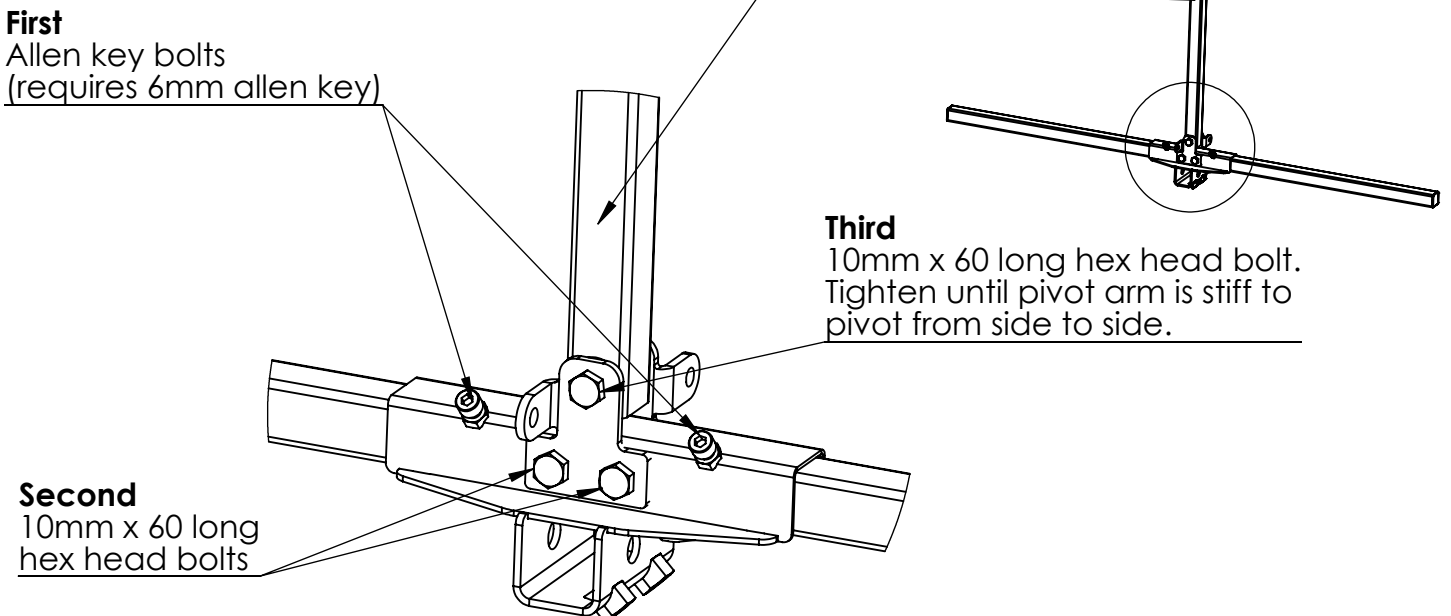
### Fit side arm's & pivot arm to carrier mount

1. Insert side arms into carrier mount (align holes)
2. Place pivot arm assembly over carrier mount (align holes)
3. Insert 10mm x 60 long hex head bolts through all parts & loosely fit nuts



## Step 3

### Tighten all bolts in correct sequence



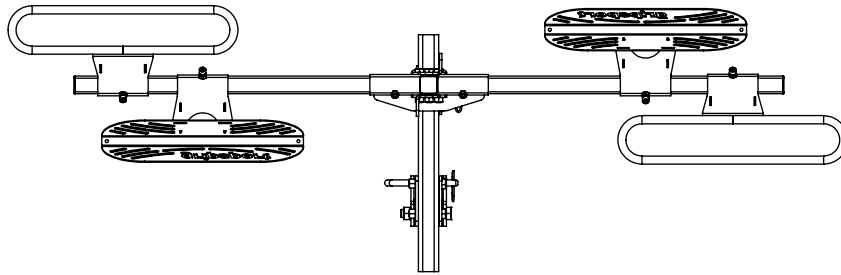
## Step 4.

### Fit wheel hoop's & wheel channel's onto arms as shown.

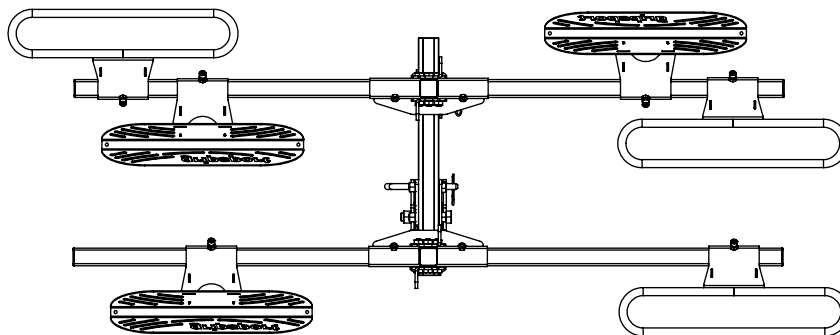
The configurations shown will suit the majority of bikes.

You may need to alter this depending on your particular combination of bikes.

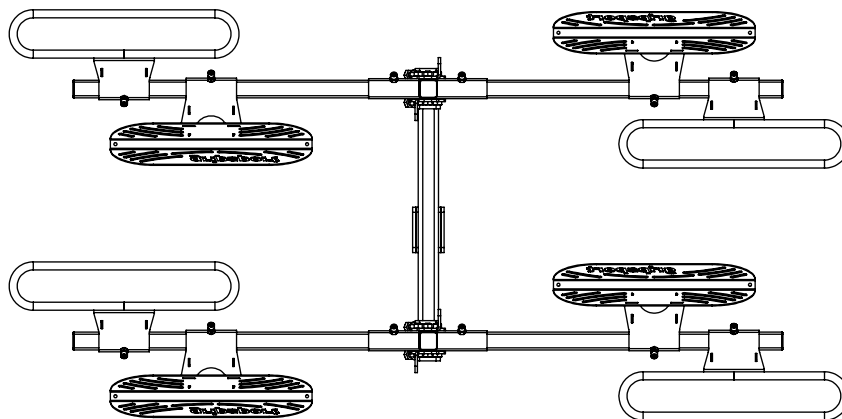
2 Bike



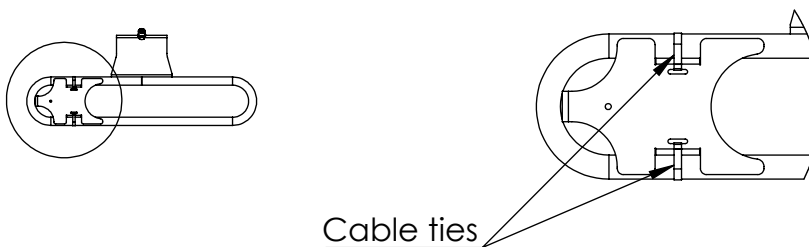
3 Bike



4 Bike

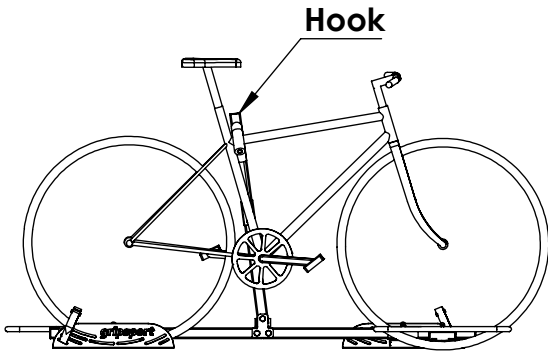


If using wheel hoop reducers, position as shown





## Loading bikes

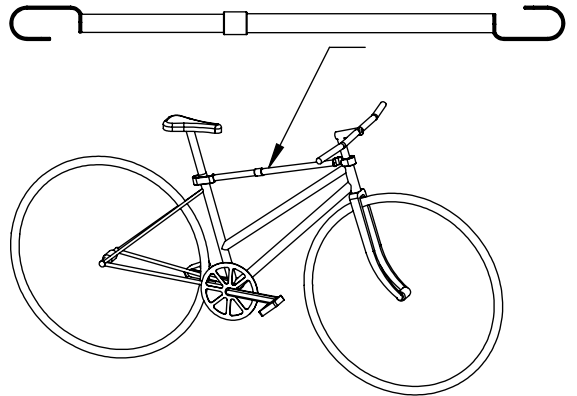


### **IMPORTANT.**

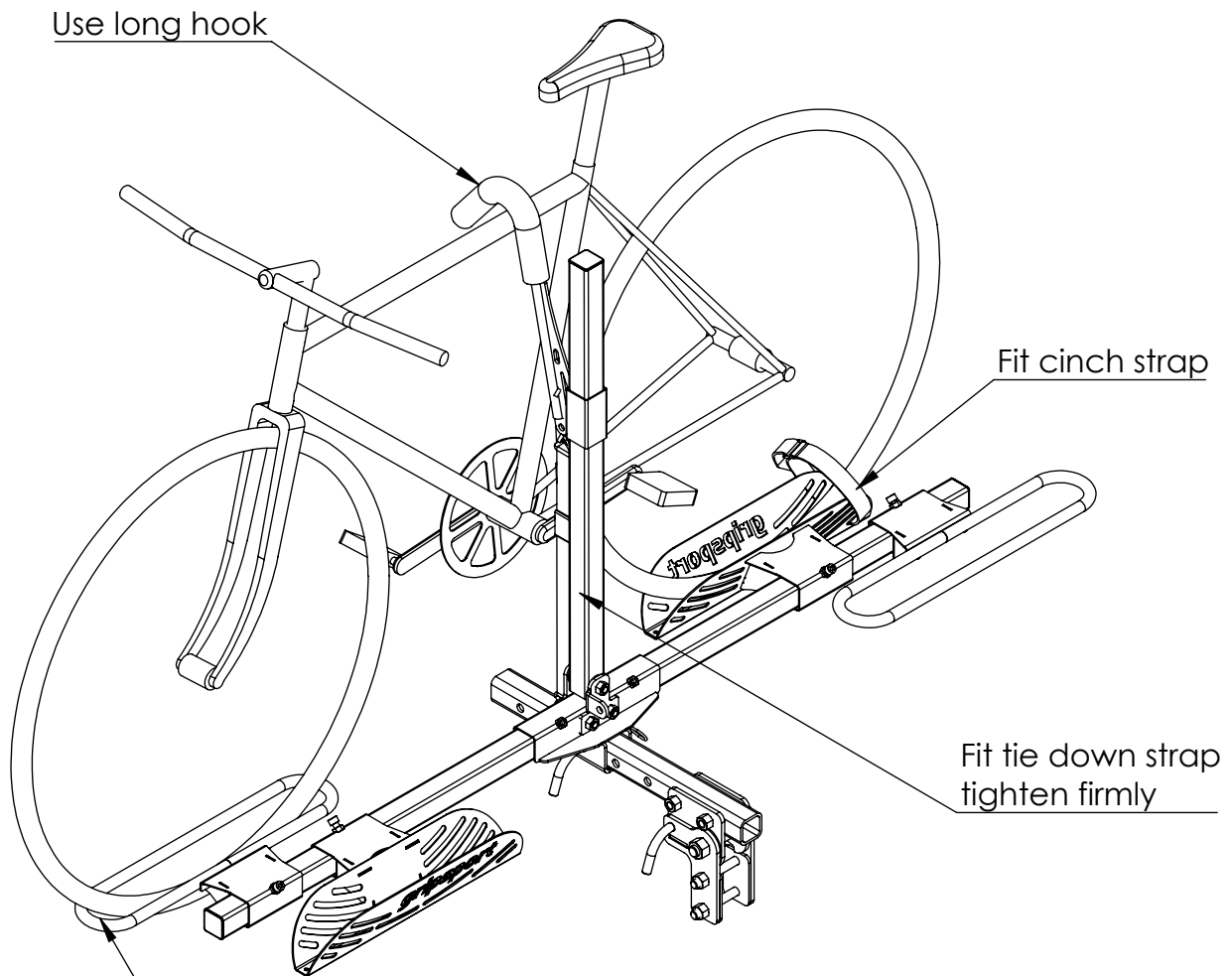
If only carrying one bike the hook must be placed at the **LOWEST** point on the top tube

### **IMPORTANT**

Step-through frames, **MUST** be fitted with a top tube adapter (not included)



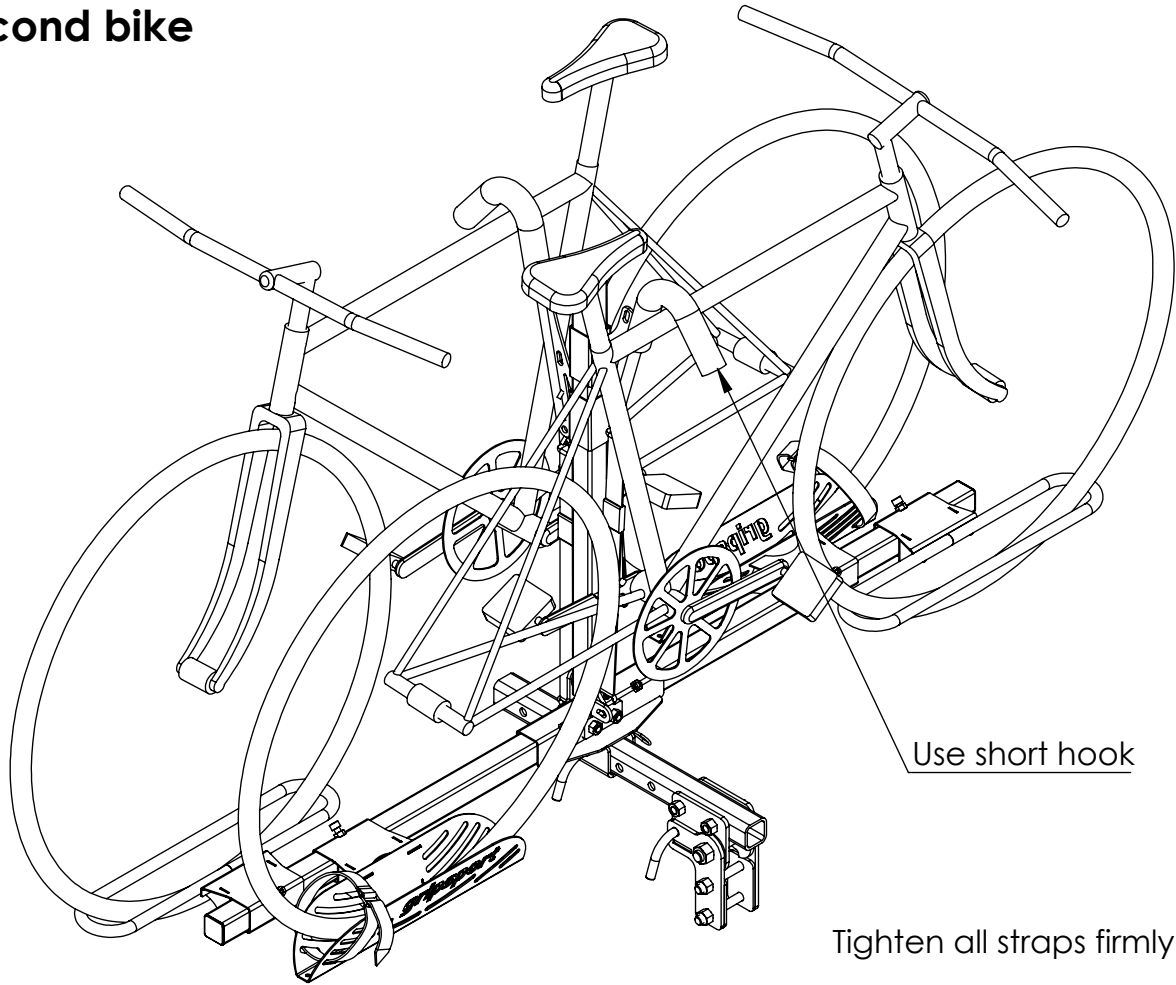
## First bike



### **IMPORTANT**

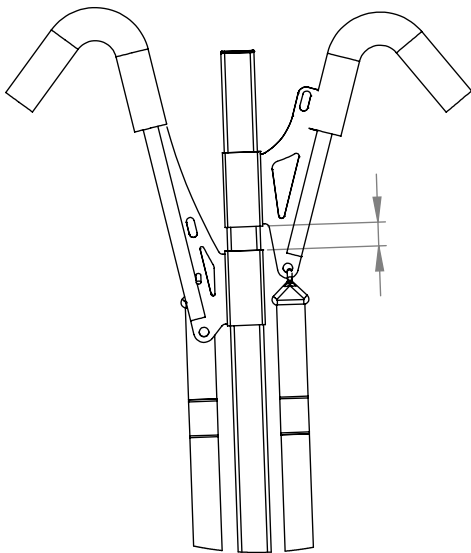
Always place front wheel in hoop & rear wheel in channel

## Second bike



Use short hook

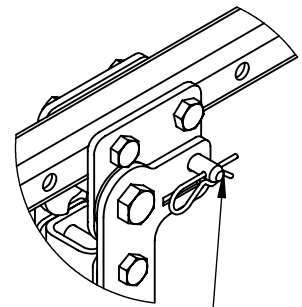
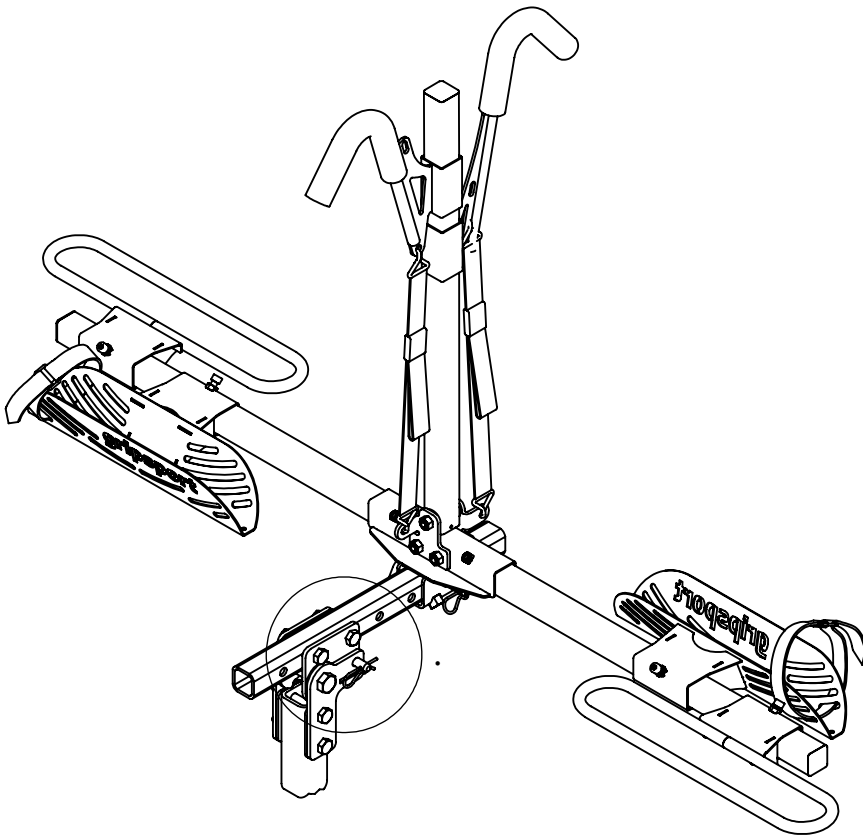
Tighten all straps firmly



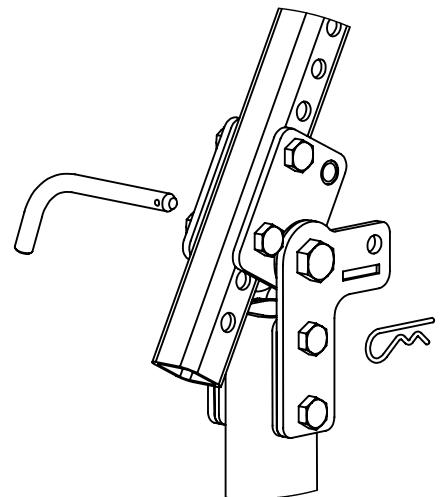
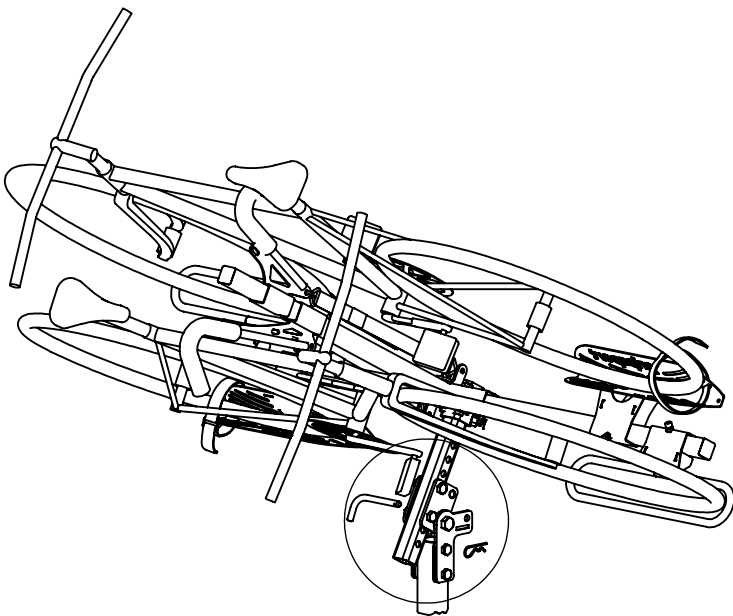
### **IMPORTANT**

**There MUST** be a gap between the hooks. Adjust position of pivoting post if necessary.

## Tilting the carrier

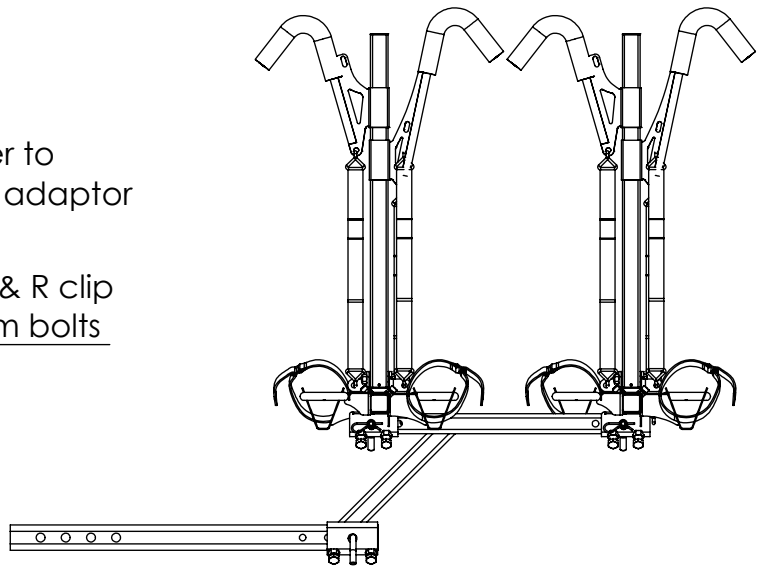
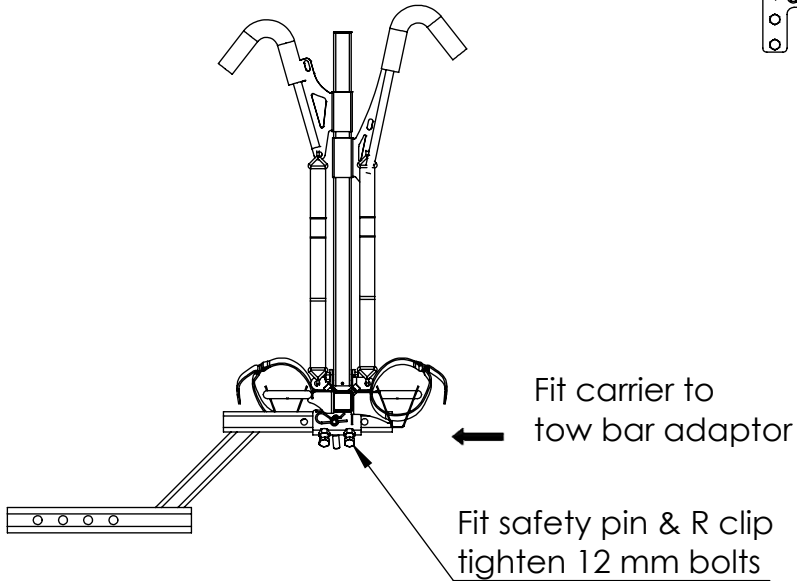
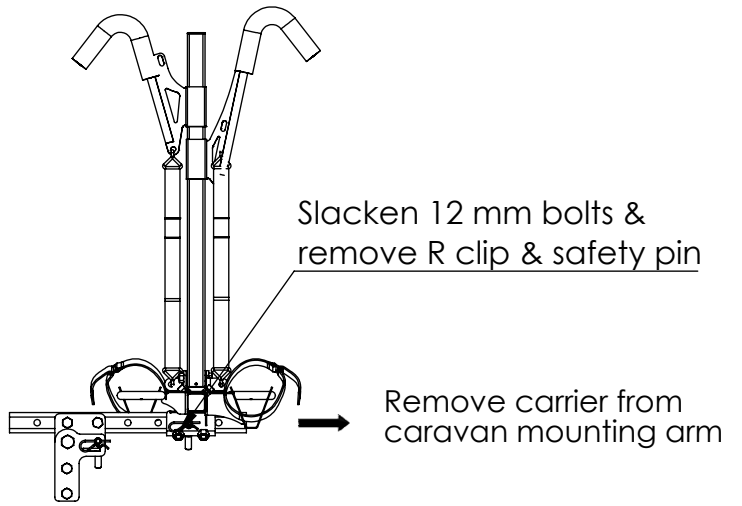


Remove R clip & safety pin

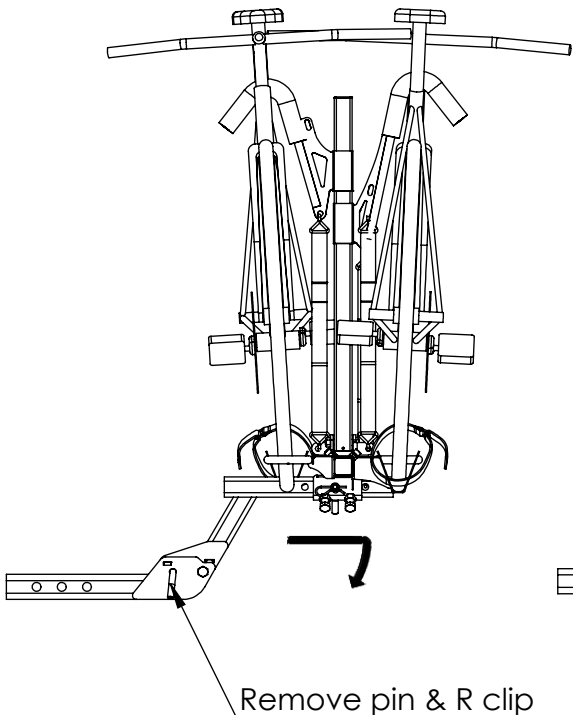


Tilt carrier until it reaches stop

# Optional tow bar adapter



## 1&2 Bike tilting adaptor



Take the weight of the bikes, side away from the vehicle, carefully tilt down until stop is reached.

