

# RAGE

POWERSPORT PRODUCTS

## Assembly Instructions

for Cargo Carrier Models:



SC500



SC400

# Warnings!

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Please read the manual before using.

A warning indicates a potentially dangerous situation, which if not avoided, could result in death or serious injury.

1. Read all instructions and save them for future reference.
2. Follow all warnings and instructions marked on the product.
3. Do not ride any vehicle while loading onto the carrier.
4. Do not stand on the carrier.
5. Never exceed vehicle tongue weight ratings.
6. Always store the carrier in a safe place.
7. Only use the carrier with Class 3 or 4 - 2" hitch.
8. Improper use, storage or installation of carrier could result in death or serious injury.
9. Do not put the product on any kind of trailer.
10. Carrying capacity is limited to 500 lbs. max for SC500 and 400 lbs. max for SC400.
11. NOT recommended for tow-behind trailers including 5th wheel trailers & camping trailers.
12. Periodically check nuts and bolts for tightness.

## Tools Required:

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- 17mm wrench
- 13mm or 1/2" wrench
- 19mm or 3/4" wrench
- Phillips screwdriver

# Parts List:

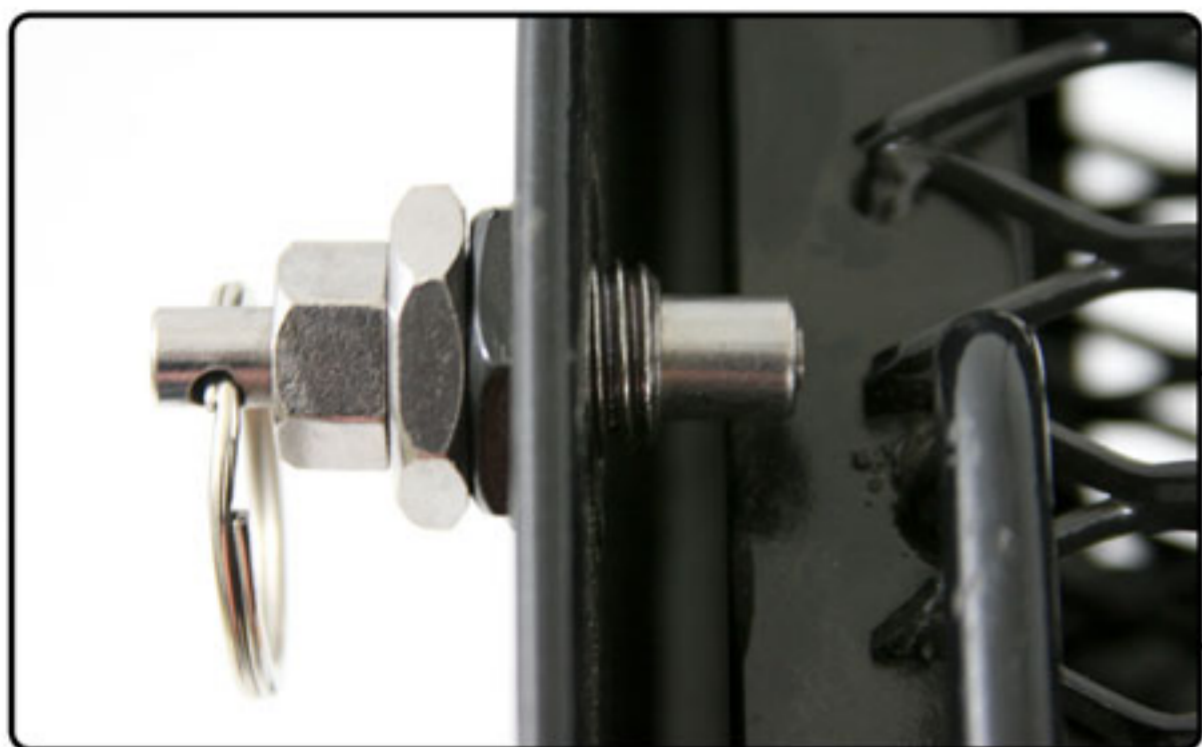


# Part Descriptions:

Index	Description	Quantity
1	M10x1.25x24mm Bolt (use 17mm wrench)	4
2	M12x1.5x23mm Bolt (use 19mm or 3/4" wrench)	1
3	M12x1.5 Nut (use 19mm or 3/4" wrench)	1
4	M8x1.0x20mm Carriage Bolt	2
5	M8 Flat Washer	2
6	M8x1.0 Lock Nut (use 13mm or 1/2" wrench)	2
7	M12x1.5x29mm Bolt (use 19mm or 3/4" wrench)	2
8	M12 Flat Washer	3
9	M12x1.5 Lock Nut (use 19mm or 3/4" wrench)	3
10	M12x1.5x70mm Bolt (use 19mm or 3/4" wrench)	1
11	M12x1.5x99mm Bolt (use 19mm or 3/4" wrench)	1
12	1"x1/2" ( <small>Inner Diameter</small> )x5/8" ( <small>Outer Diameter</small> ) Sleeve	1
13	Spring Pull Pin	3
14	Ramp Bracket	1
15	Reflector	2
16	Rubber Handle Insert (SC500 only)	5
17	12mm Pin w/clip	2
18	Hitch Receiver Tube	1
19	Anti-Tilt Locking Device (use 17mm wrench)	1
20	Carrier Main Tube	1
21	Carrier Basket	1
22	Carrier Ramp	1

# Step 1:

Install Spring Pull Pin(13) into front of carrier basket(21). Allow the Spring Pull Pin(13) to partially cover the edge of the ramp(22).

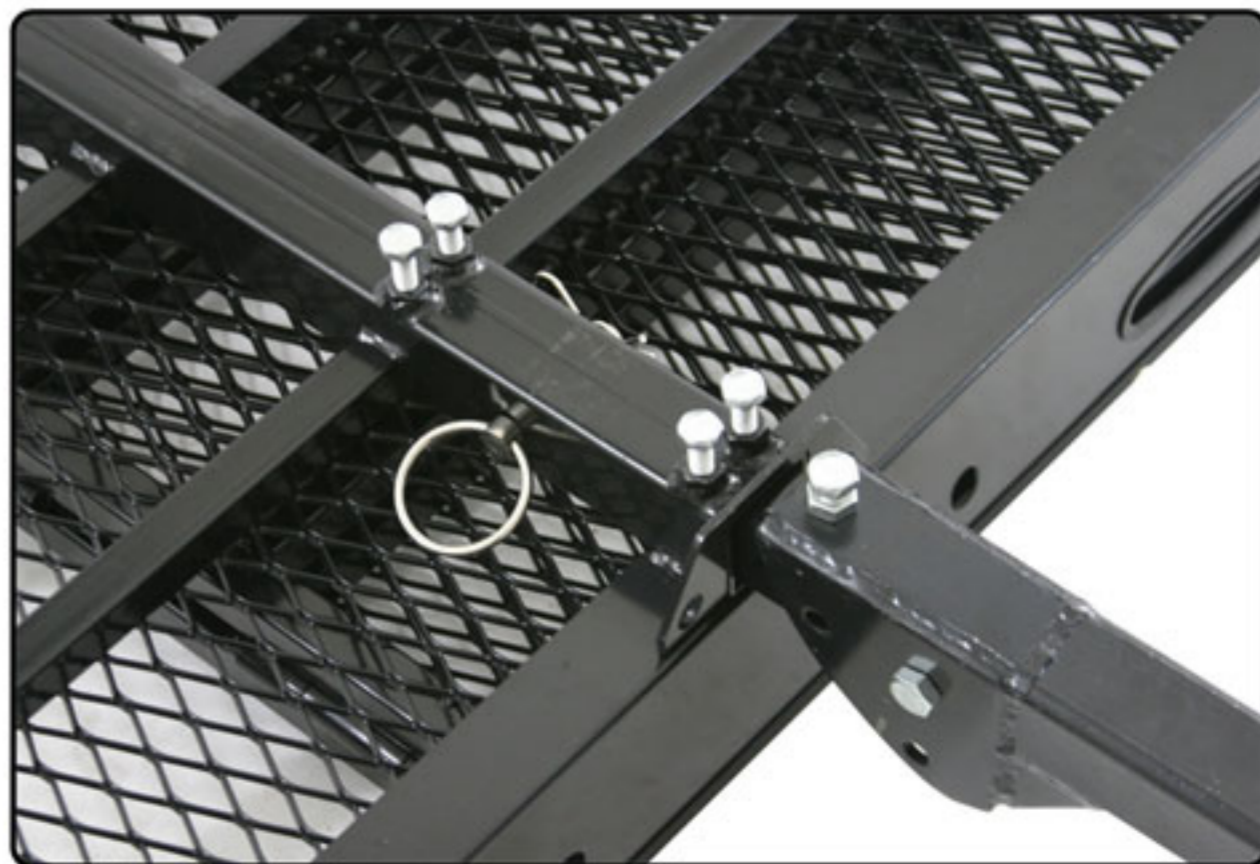


Adjust Spring Pull Pin(13) with enough room that when pulled back the ramp(22), can be lifted out of the carrier basket(21). Securely tighten jam nut.



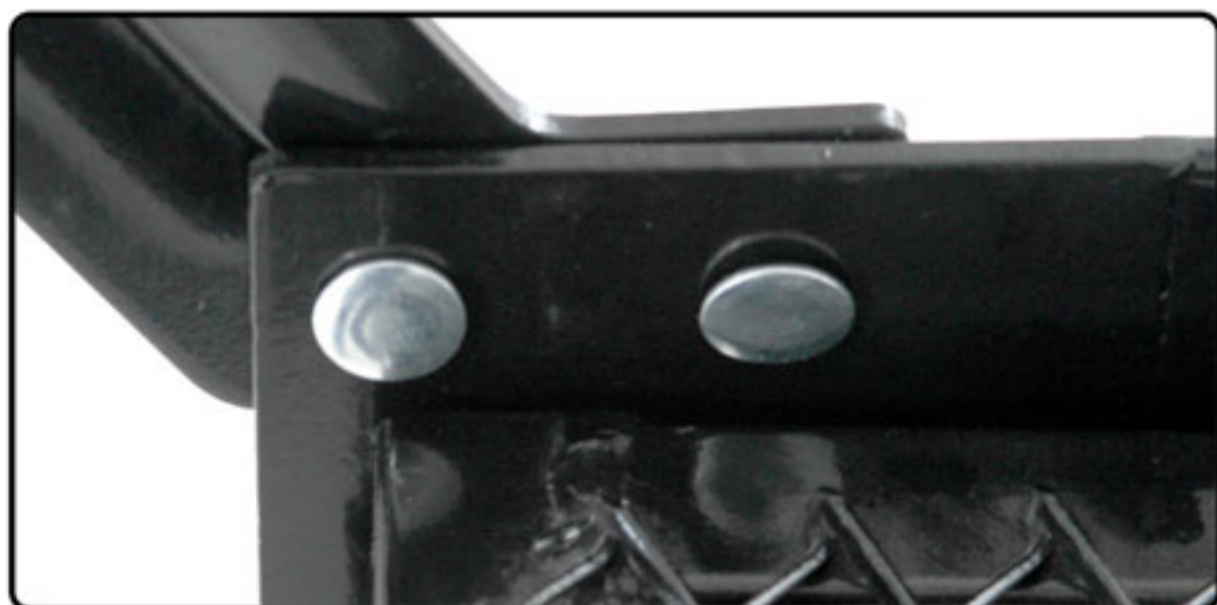
# Step 2:

Flip carrier basket(21) upside down and slide the hitch tube assembly into the center support tube. Align the holes and insert Pin(17). Install 4 bolts(1) and tighten firmly using 17mm wrench.



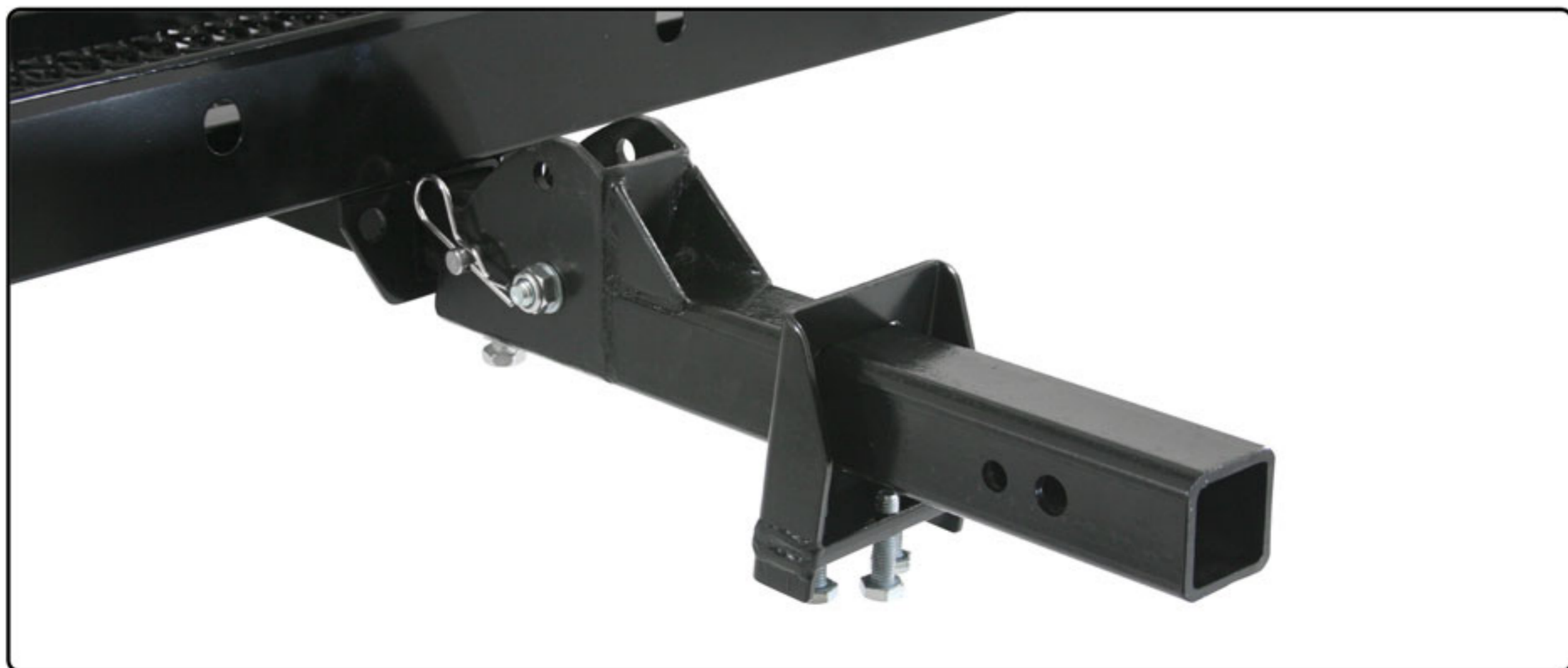
## Step 3:

Flip carrier right side up and install ramp bracket(14) using carriage bolts(4), flat washers(5) and lock nuts(6) using 13mm or 1/2" wrench. Be sure the square shoulders on the carriage bolts seat fully in the square holes on the carrier.



## Step 4:

Slide Anti-Tilt Locking Device(19) on carrier hitch tube as shown in the picture below.



**\*It is required to install either the included Anti-Tilt Locking Device(Step 5) or pinch bolt(Step 6).**

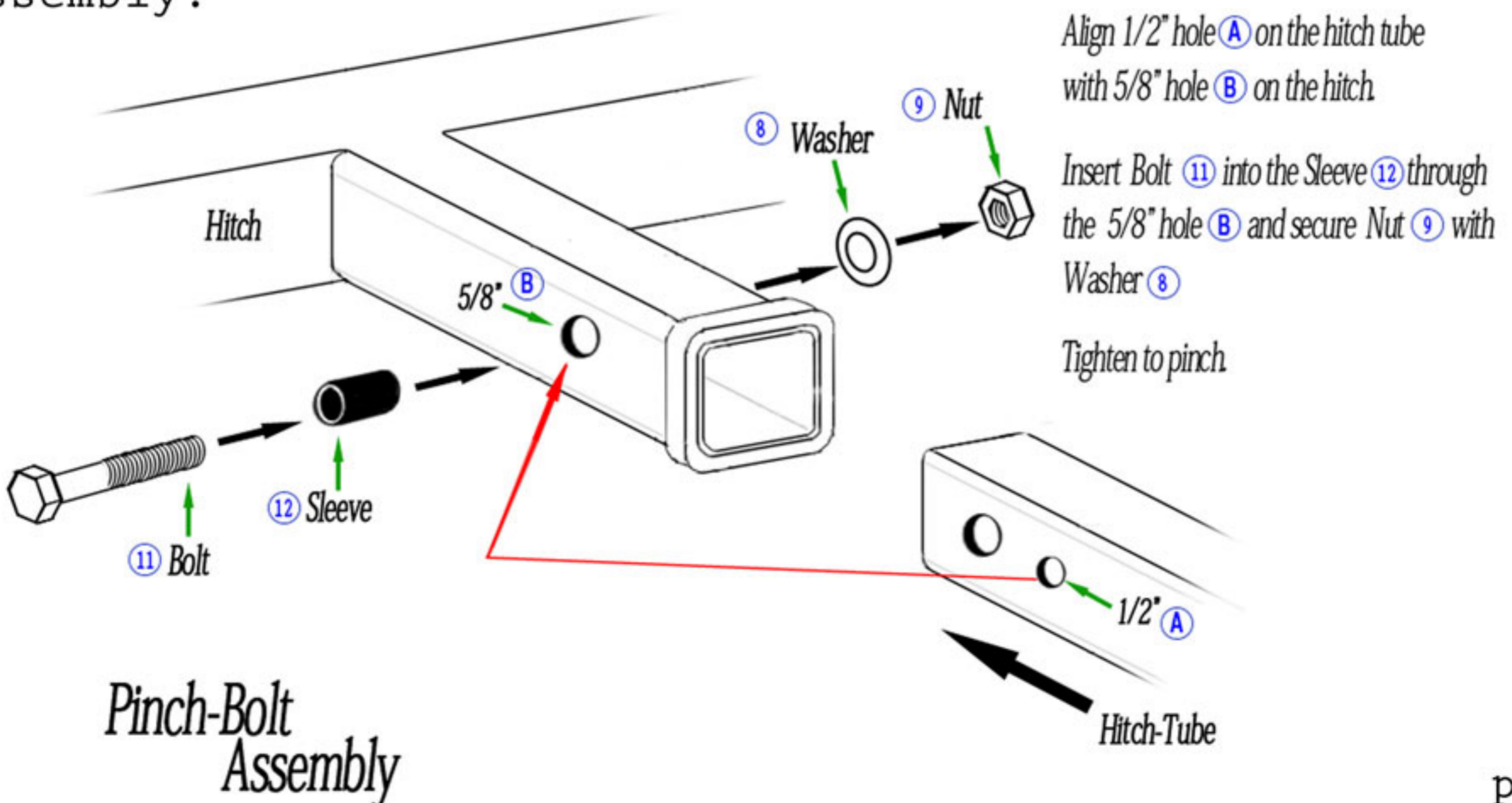
## Step 5 : (preferred)

Slide Anti-Tilt Locking Device(19) tight up against hitch receiver, insert hitch pin(not included) or pinch bolt and tighten bolts using 17 mm wrench.



## Step 6 : (2nd option)

Insert carrier into hitch and install the pinch-bolt assembly.

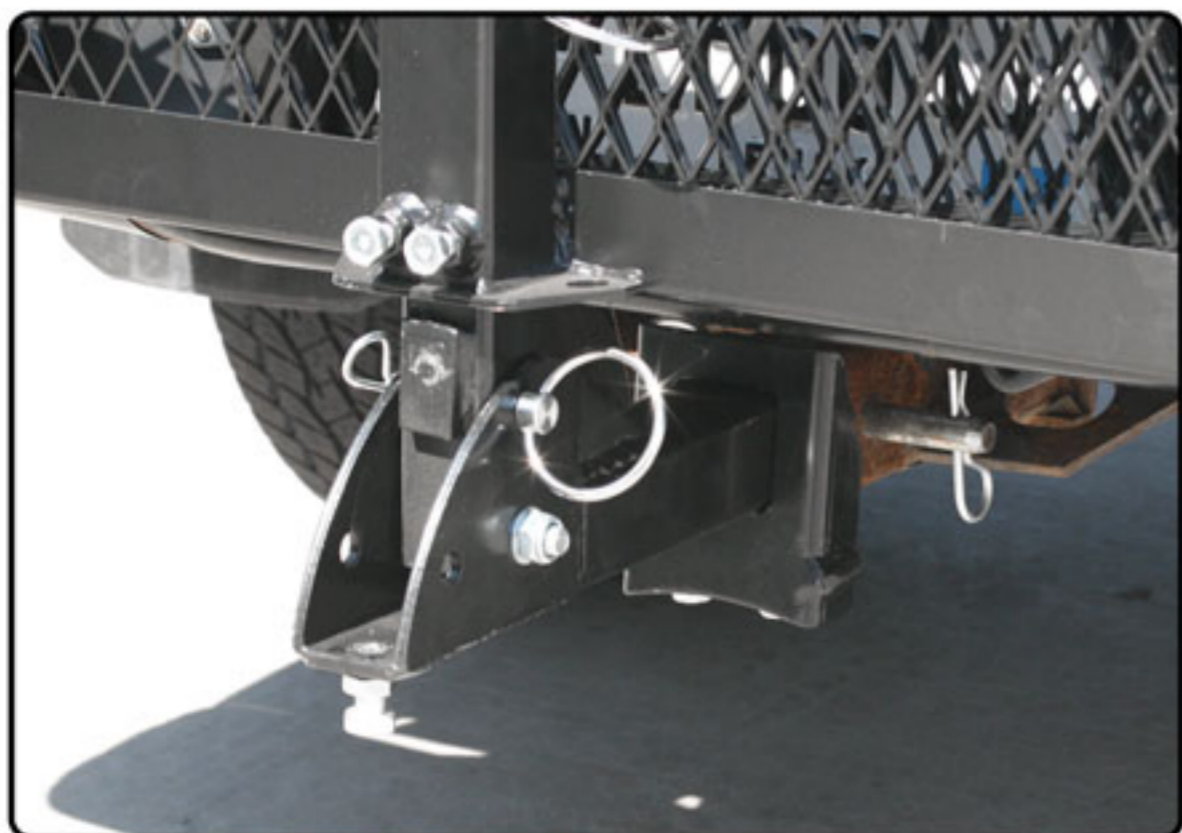
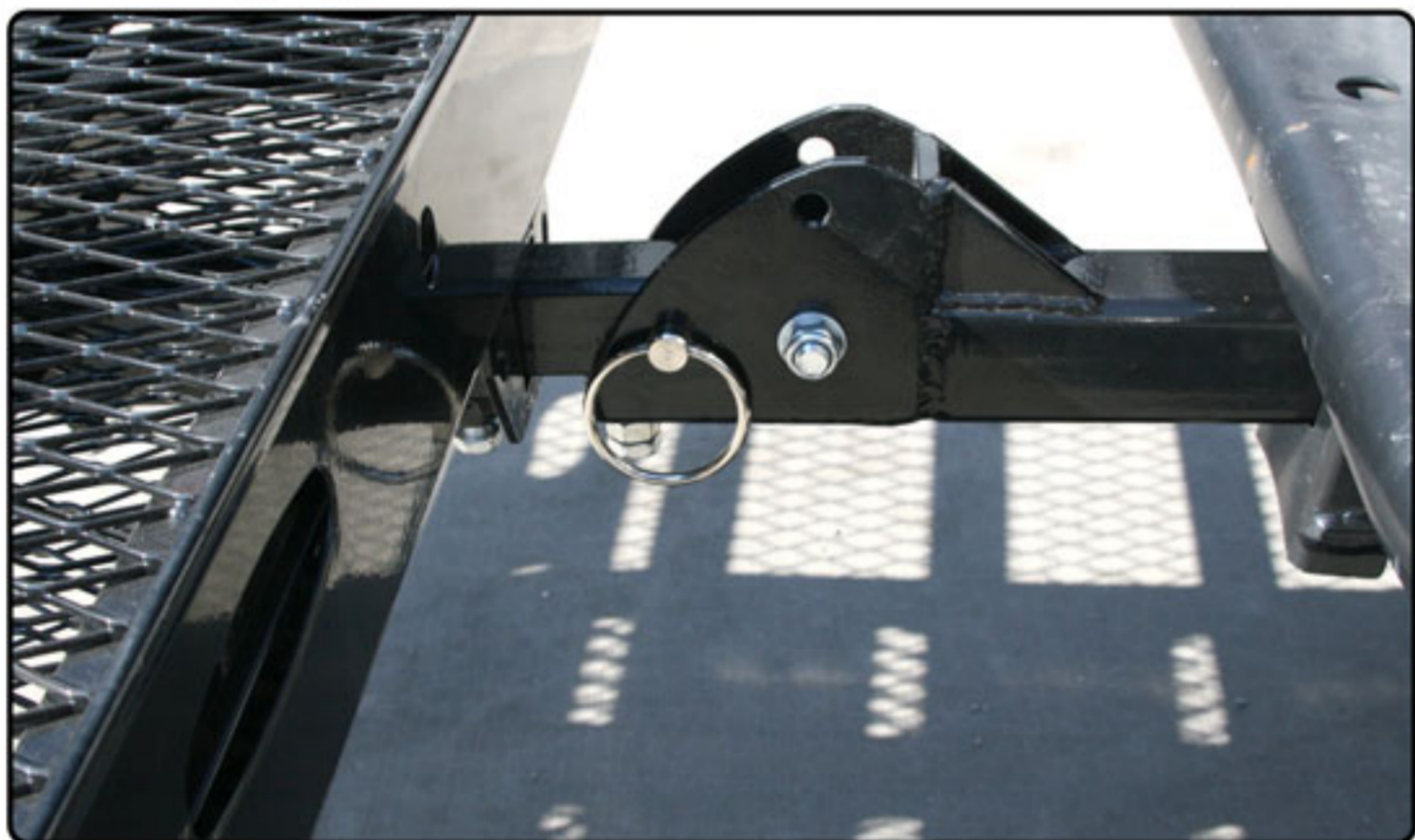


# Step 7:

Adjust Leveler Bolt to align pin holes. Pin(17) should be able to be removed/installed without binding if properly adjusted. Tighten jam nuts when properly aligned using 19mm or 3/4" wrench.



Remove Pin(17) to fold carrier vertical. Replace Pin (17) in top pin hole to secure carrier in the vertical position.





# Step 8:

To unfold the loading ramp pull the spring pull pin(13) on the carrier basket and lift ramp up. Next pull the ramp bracket(14) spring pull pins to allow the ramp to pass. Finally lay the loading ramp flat on the ground and load wheeled cargo. After cargo has been loaded store the ramp in the vertical position. To store in the vertical position lift the ramp back up and secure using the ramp bracket spring pull pins. Safely secure all cargo with quality tie downs.

