



PLATFORM BIKE RACK-4 BIKE



WARNING

Read this manual thoroughly before installing and using your bike carrier. Failure to follow instructions could result in serious injury to person or property.

The bicycle carrier should not be used for TOWING or any pulling purpose.

The weight capacity of this carrier is 160lbs. (120lbs of weight capacity when installed behind a motor home.)

DO NOT exceed the rated capacity of this bike carrier.

DO NOT use this bike carrier for transporting or carrying other items or materials besides bicycles.

Using the bike rack for rough off-road terrain is not recommended.

Read this owner’s manual before using your bike rack. Familiarize yourself with the location and function of the controls and features. Save this manual for future reference.

Assembly Recommended Tools:



Open Wrench (1 pc)
Size=17mm

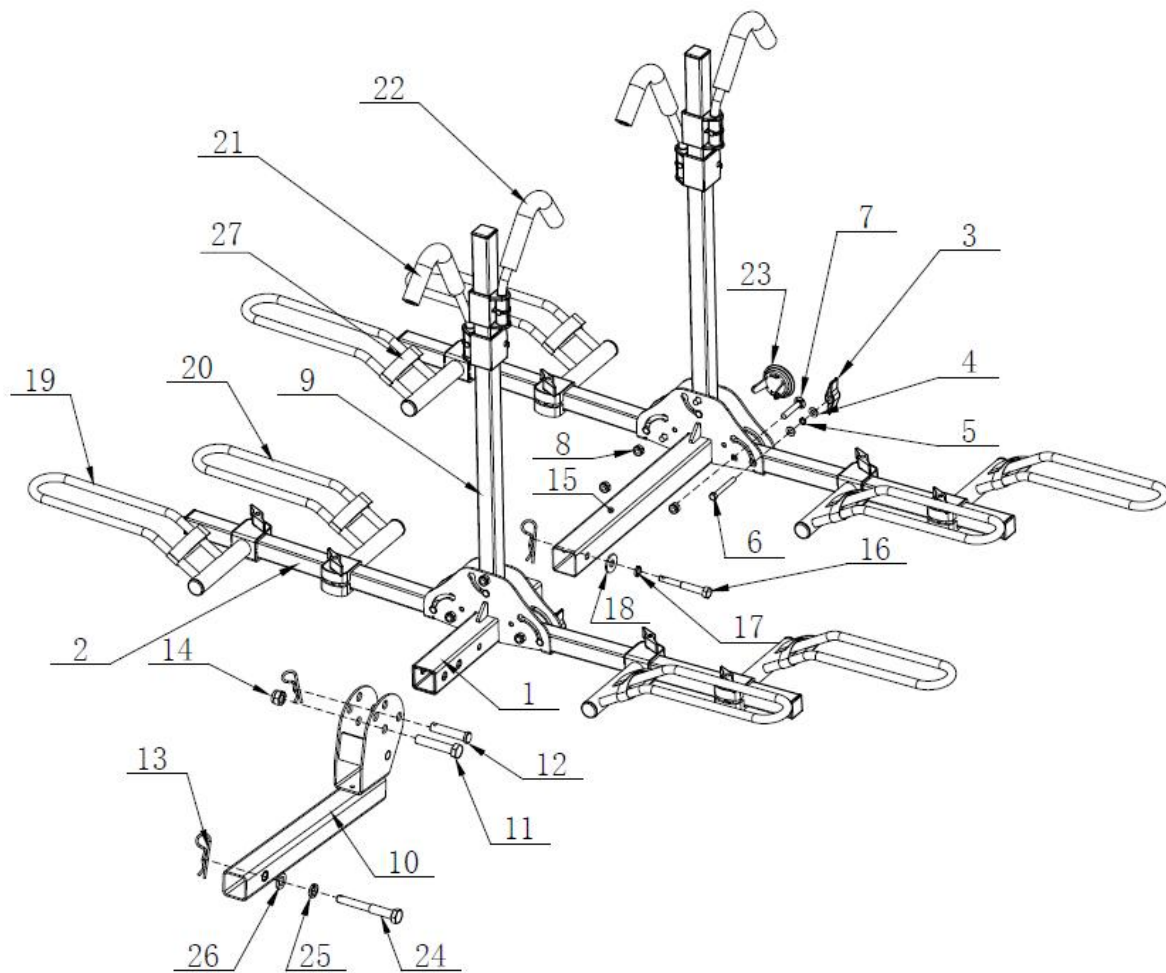


Open Wrench (1 pc)
Size=19mm



OpenWrench(2pc)
Size=24mm

Assembly Diagram



Part List

Part#	Description	Qty	Part#	Description	Qty
1	Short Support Base Assembly	1	15	Long Support Base Assembly	1
2	Horizontal Arm	4	16	Short Stabilizing Pin	1
3	5/16" knob	6	17	1/2" Spring Washer	1
4	5/16" flat washer	12	18	1/2" Flat Washer	1
5	5/16" spring washer	6	19	Left Cradle Assembly	4
6	5/16" hexagon bolt	6	20	Right Cradle Assembly	4
7	M10 Carriage Bolt	6	21	Long J-Hook Assembly	2
8	M10 Locknut	6	22	Short J-Hook Assembly	2
9	Vertical Arm	2	23	Reflector	1
10	Folding Shank	1	24	Long Stabilizing Pin	1
11	M16 Bolt	1	25	16 Spring Washer	1
12	5/8" Pin	1	26	16 Flat Washer	1
13	Clip	3	27	Wheel Cradle Strap	8
14	M16 Locknut	1			

Assembly Instructions

STEP 1 Assemble the primary frame by connecting the Short Support Base Assembly (part #1) and (2) Horizontal Arms (part #2), using (2) 5/16" knob, (4) 5/16" flat washer, (2) 5/16" spring washer, (2) 5/16" hexagon bolt, (2) M10 Carriage bolts and (2) M10 Locknuts (parts #3, #4, #5, #6, #7 & #8). See FIG. 1

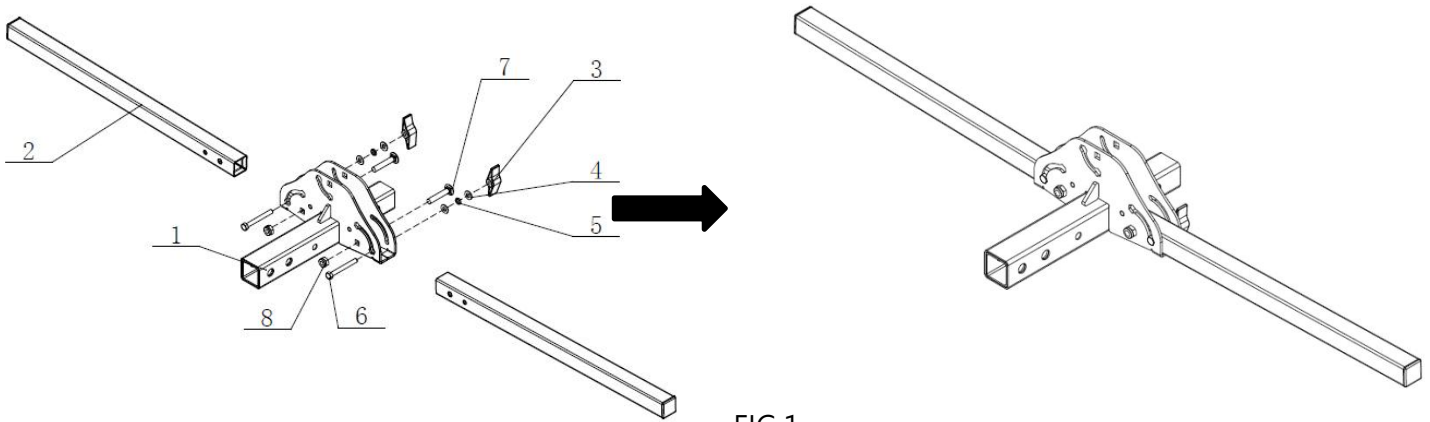
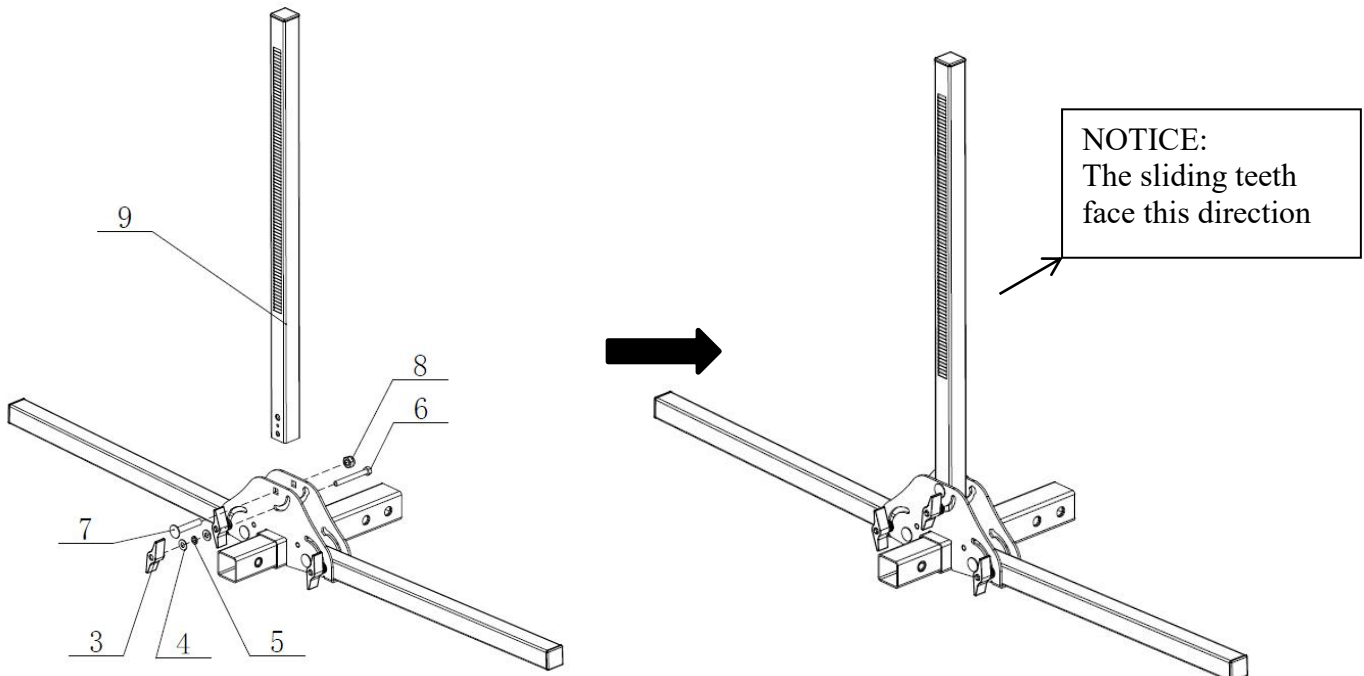


FIG 1

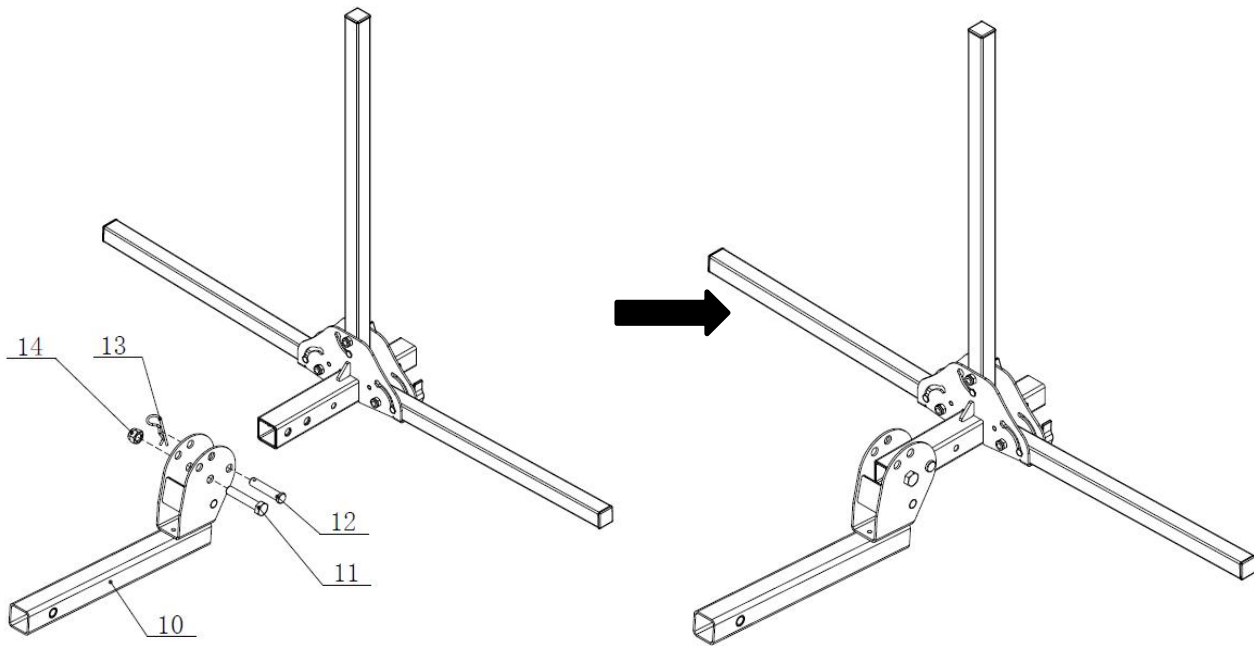
STEP 2 Place Vertical Arm (part #9) into the Short Support Base Assembly by using M10 Carriage Bolt and M10 Locknut (parts #7 & #8). With the Vertical Tube in a vertical position, insert the 5/16" hexagon bolt (part #6), through the 5/16" flat washer (part #4), the 5/16" spring washer (part #5) and the 5/16" flat washer (part #4), tighten with 5/16" knob (part #3). See FIG. 2

FIG. 2



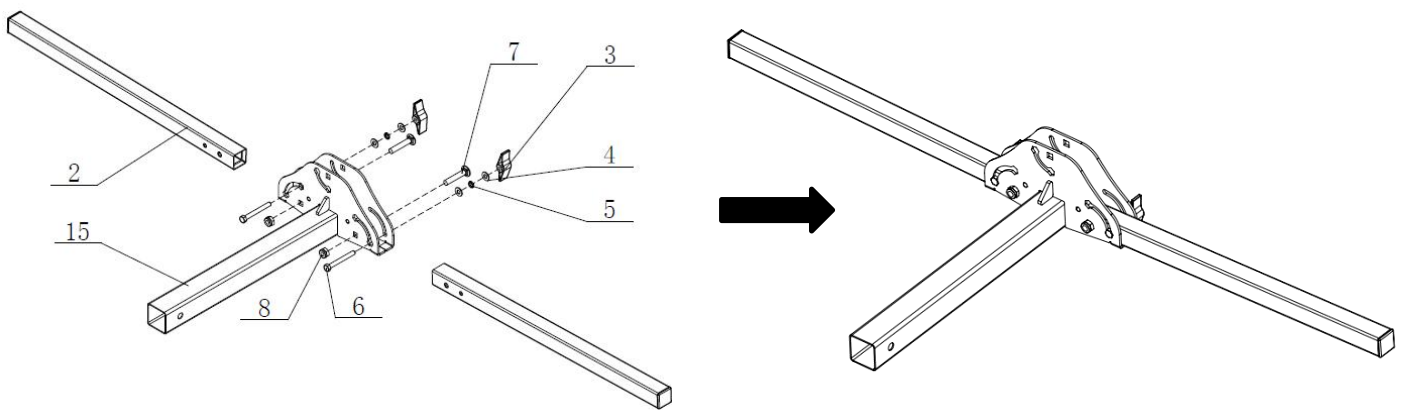
STEP 3 Attach Folding Shank (part #10) to Short Support Base Assembly tube, using M16 Bolt and M16 Locknut (parts #11 & #14) and using $\frac{5}{8}$ " Pin and Clip (parts #12 & #13) for extra safety. See FIG.3

FIG. 3



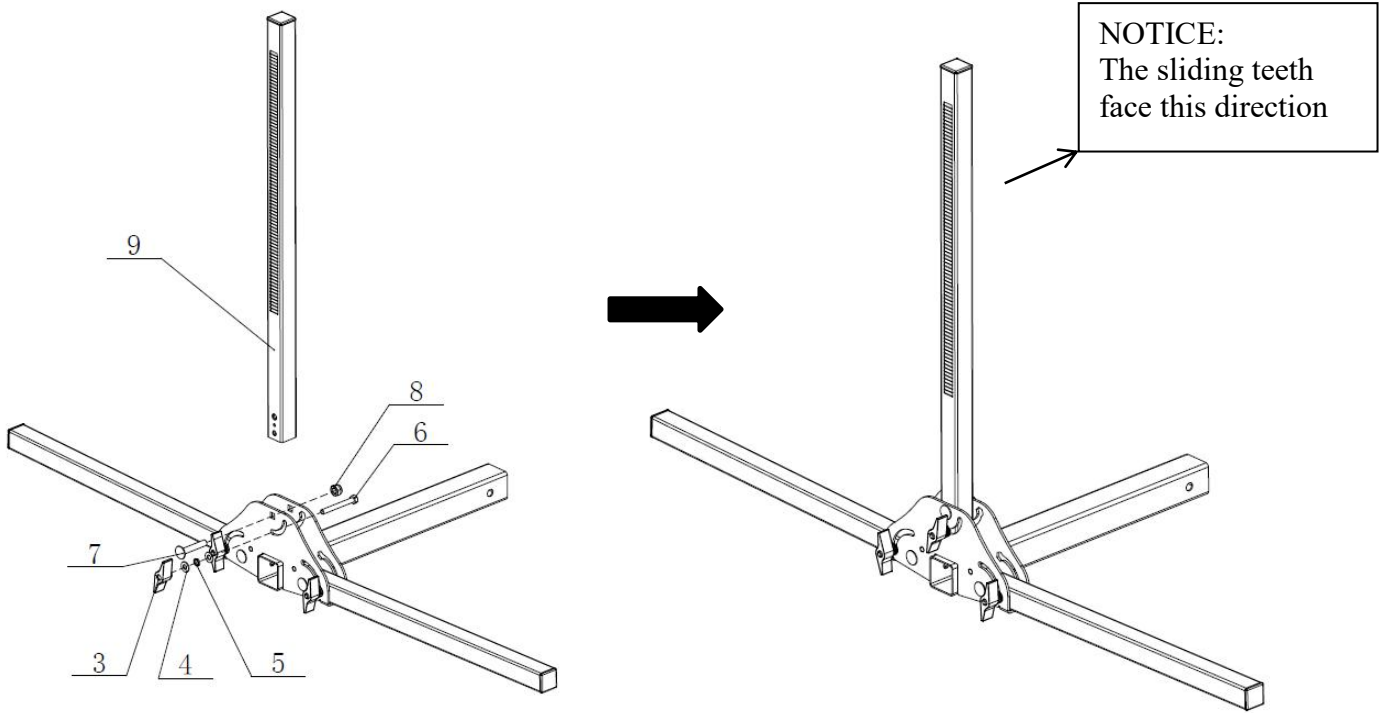
STEP 4 Assemble the extension frame. Repeat step 1, connecting Long Support Base Assembly (part #15) and (2) Horizontal Arms (part #2), using (2) 5/16" knob, (4) 5/16" flat washer, (2) 5/16" spring washer, (2) 5/16" hexagon bolt, (2) M10 Carriage bolts and (2) M10 Locknuts (parts #3, #4, #5, #6, #7 & #8). See FIG. 4

FIG. 4



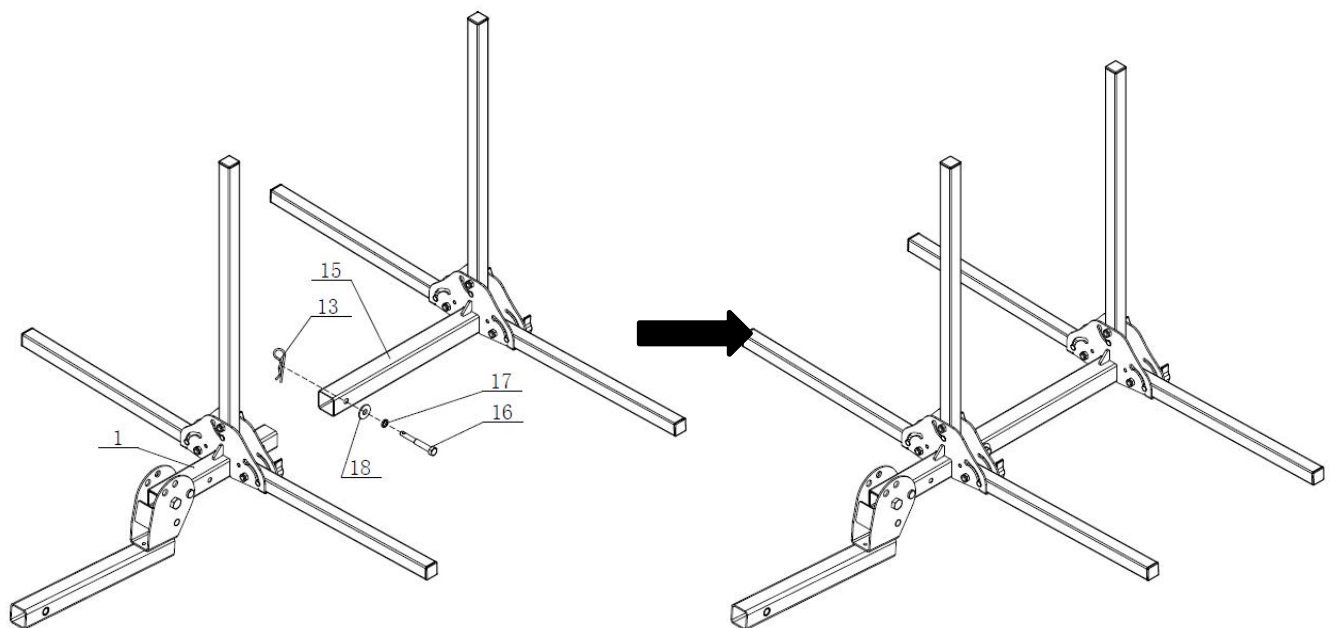
STEP 5 Repeat step 2, placing Vertical Arm (part #9) on the Long Support Base, using 5/16" knob, (2)5/16" flat washer, 5/16" spring washer, 5/16" hexagon bolt, M10 Carriage Bolt and M10 Locknut (parts #3, #4, #5, #6, #7 & #8). See FIG. 5

FIG. 5



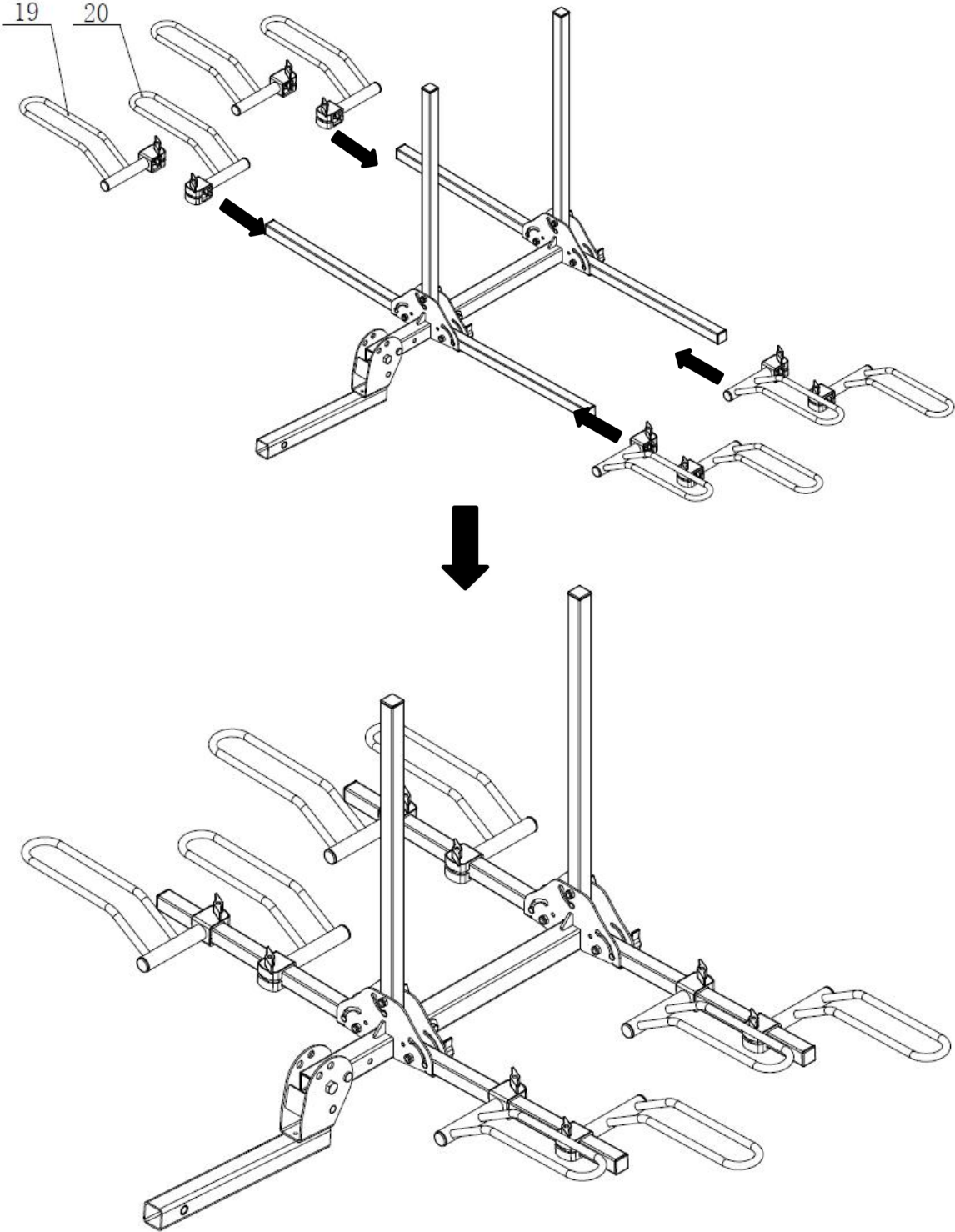
STEP 6 Insert the Long Support Base (part #15) into the Short Support Base (part #1), controlling the height by inserting the Short Stabilizing Pin, 1/2" Spring Washer and 1/2" Flat Washer (parts # 16, #17 & #18). Insert Clip (part #13). See FIG. 6

FIG. 6



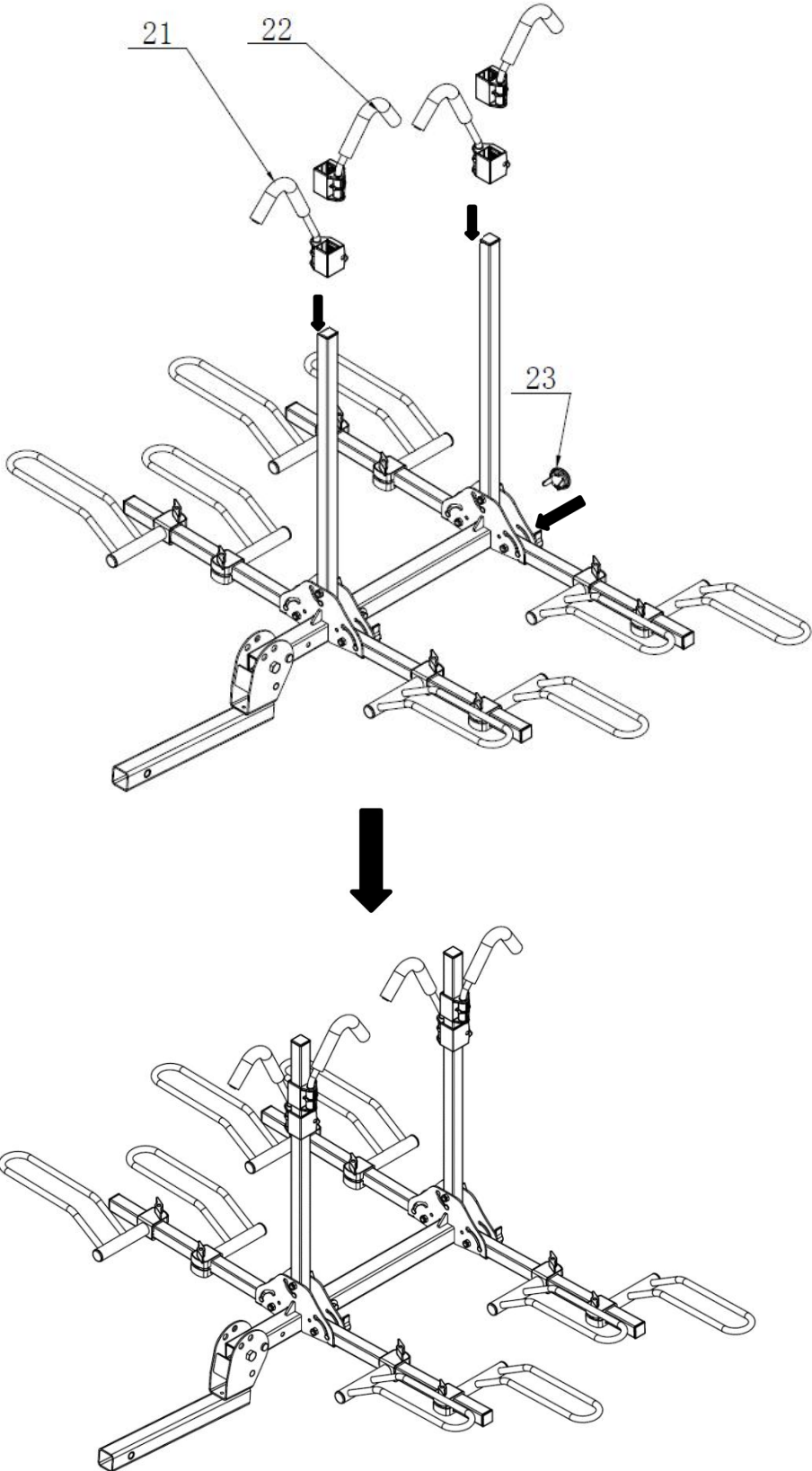
STEP 7 Slide the Left and Right Cradle Assemblies (parts #19 & #20) onto the Horizontal Arms. Release the knob of the left and right cradle. The knob should be facing up and the loop end of cradle should be facing outward and upward. Insert the cradles in sequence as shown below in Fig 7. After all 4 cradles are on the Horizontal Arms, tighten. See FIG. 7

FIG. 7



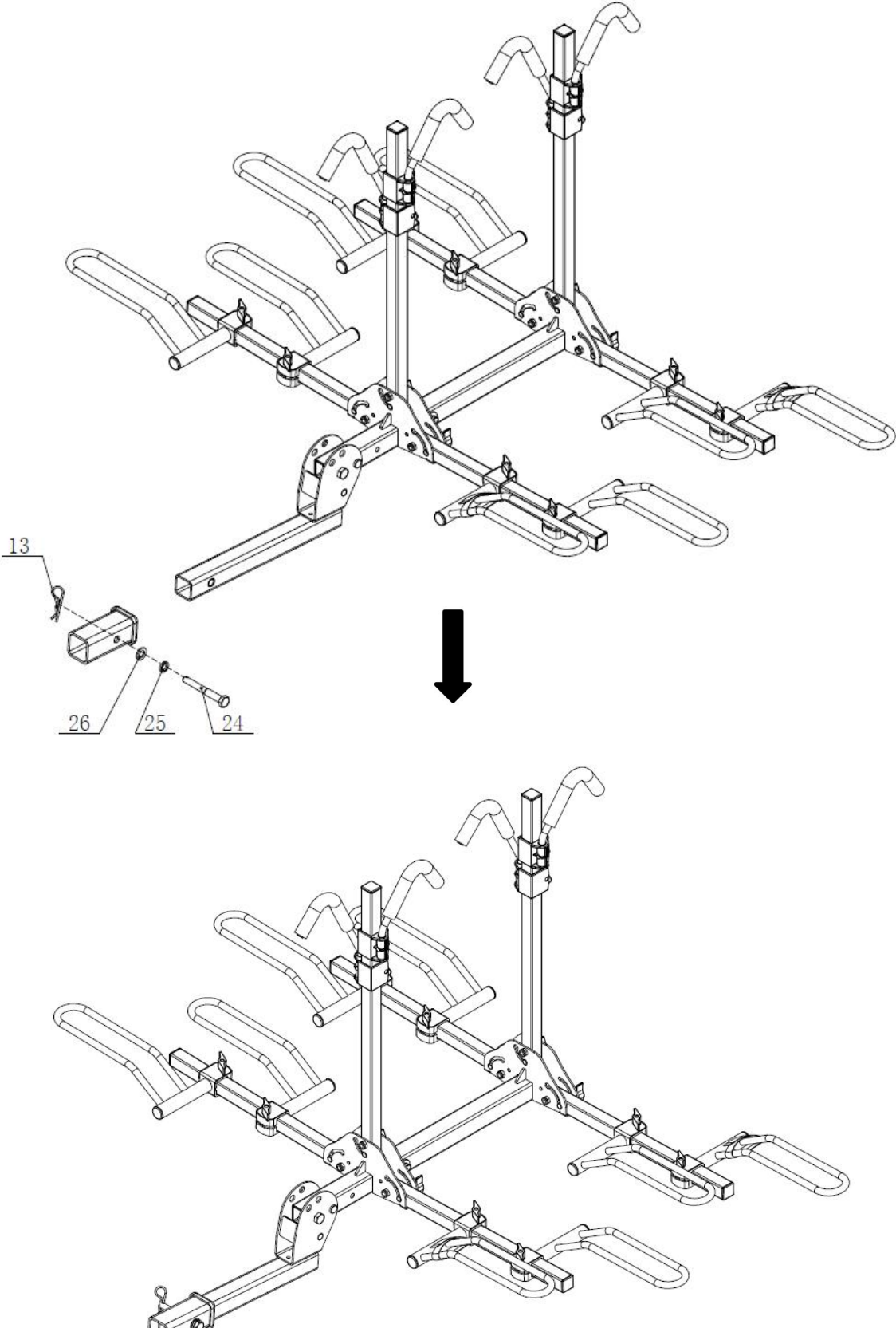
STEP 8 Install the (2) Long J-Hook Assemblies (part #21) and (2) Short J-Hook Assemblies (part #22) onto the Vertical Arm, Put the Reflector (part #23) in the hole of the square tube. See FIG. 8

FIG. 8



STEP 9 Insert the Folding Shank into the 2" receiver hitch, using the Long Stabilizing Pin, 16 Flat Washer, 16 Spring Washer and Clip (parts #24, #25, #26 & #13) to secure. See FIG. 9

FIG. 9



Mounting Bikes

The wheel cradles and J-Hook are completely adjustable and slide on the tubes.

1. Load inner bicycle first. Loosen the 5/16" knob and expose the head of the 5/16" hexagon bolt outside the support base assembly, then rotate vertical tube down. See Fig 10
2. Load bicycle into Wheel Cradles. Adjust cradles to appropriate position. Ensure tire is well supported at both ends of Wheel Cradles. Tighten cradles to prevent movement. See Fig 11
3. Rotate vertical tube to vertical position and lock with the 5/16" knob. Lower J-Hook assembly down over bicycle frame. See Fig 12
4. Apply downward pressure to bicycle and J-Hook assembly. Tighten J-Hook assembly and ensure there is no movement of bicycle.

FIG 10

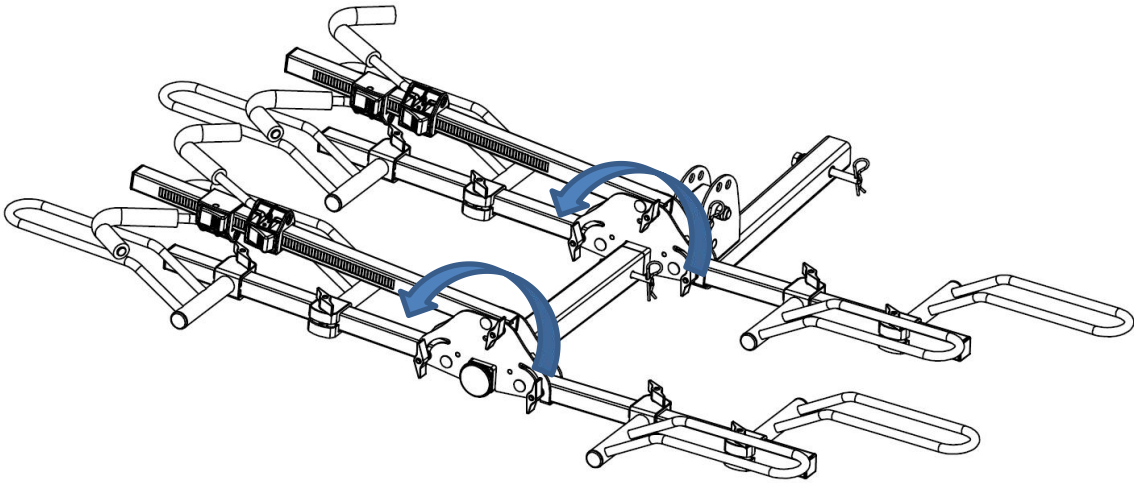


FIG.11

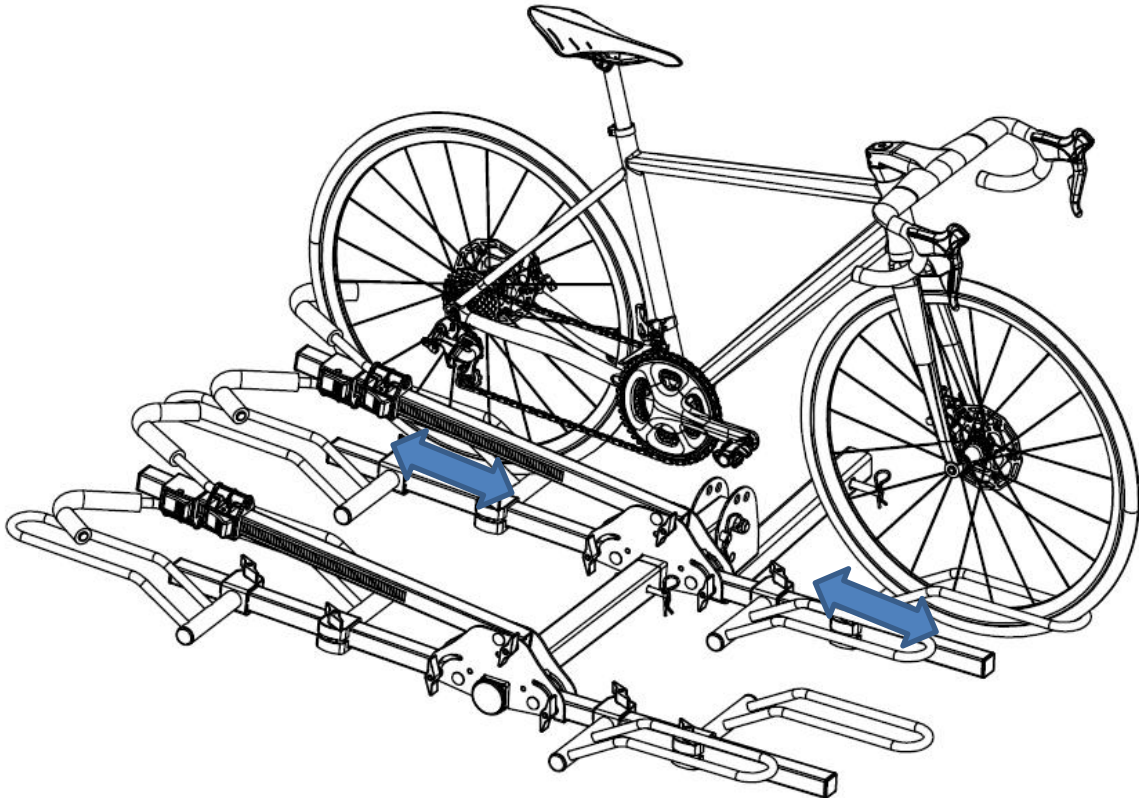
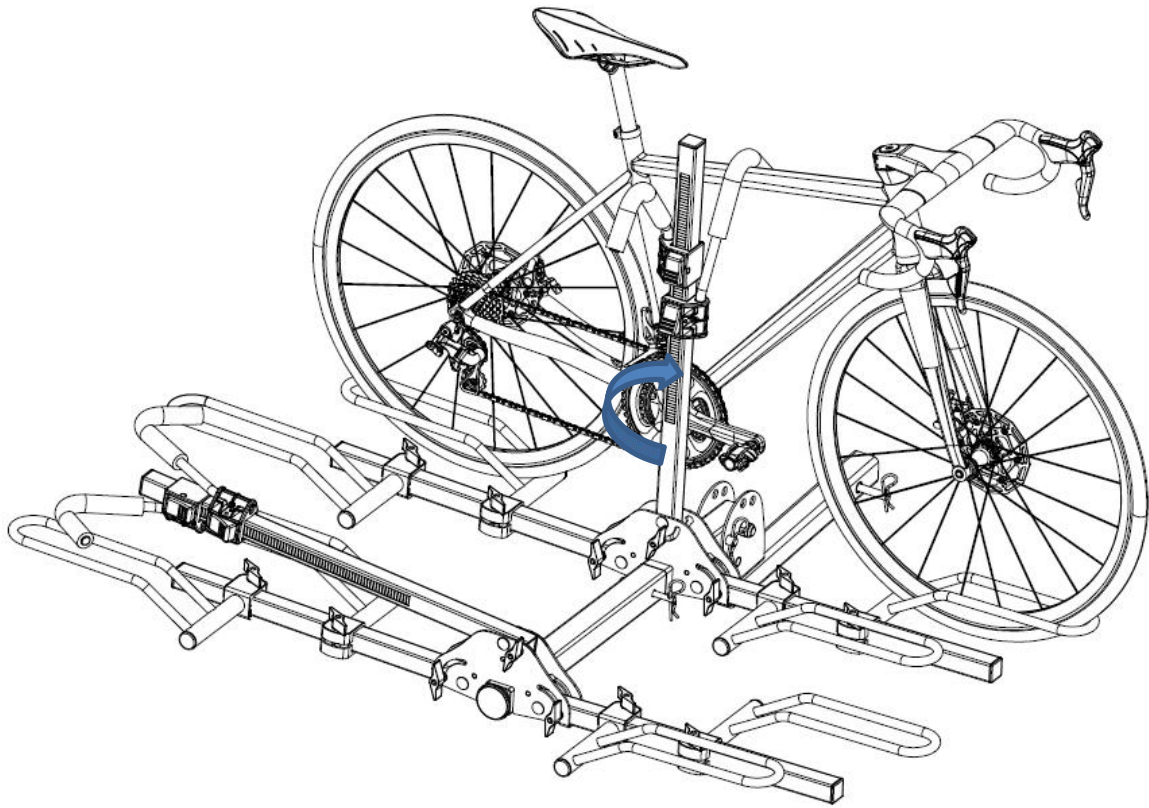


FIG 12



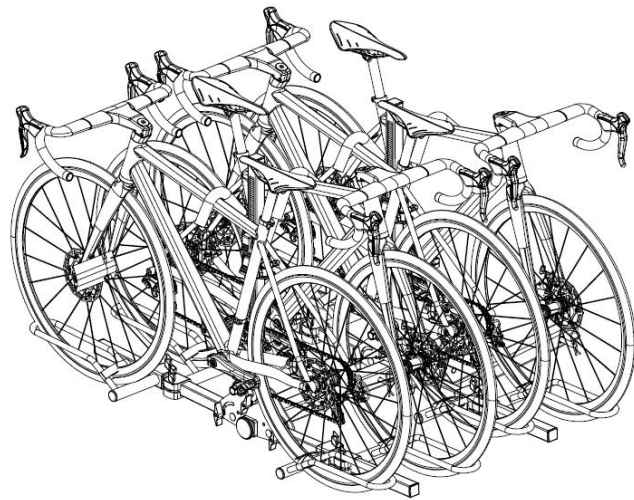
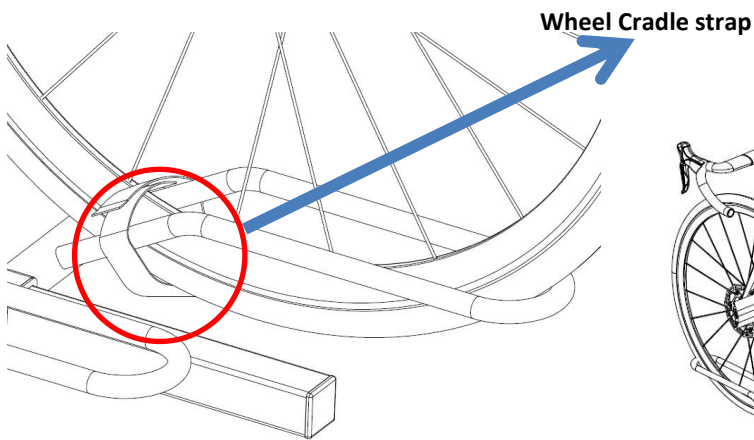
5. Loop (1) Wheel Cradle Strap (part #27) over each wheel and secure. See FIG. 13

WARNING – Failure to use wheel cradle straps may result in bike falling off rack during use.

6. Load second/third/forth bicycle as described in Bicycle Mounting steps 2 thru 5. Reverse direction of second/third/forth s bicycle to prevent handle bar interference. See FIG 14

FIG.13

FIG.14



Tilt Down Feature

Do not place bikes on the wheel cradle when operating the tilt down feature. For access to the rear of vehicle, remove $\frac{5}{8}$ " Pin and allow the rack to tilt downward. For safety, be sure to securely hold the bike rack while the pin is out. See FIG. 15

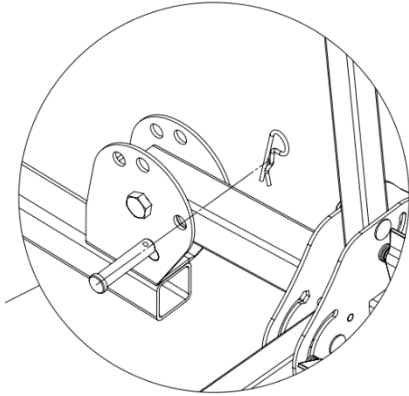


FIG. 15

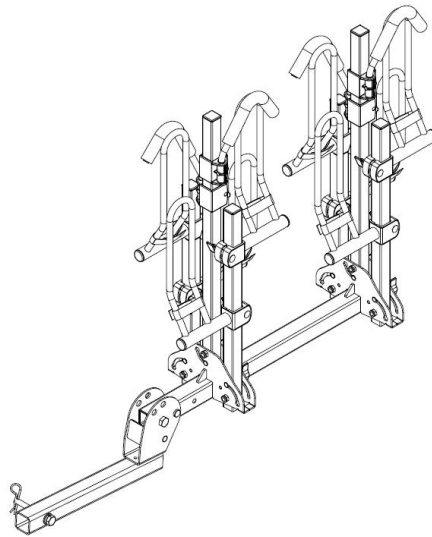
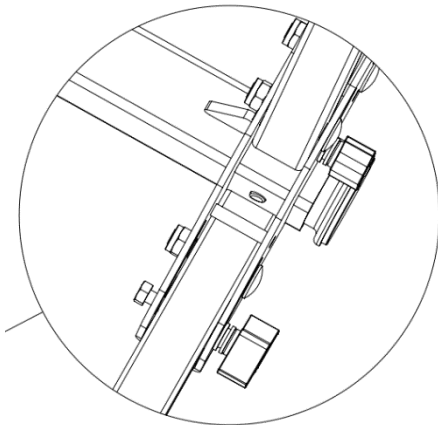
⚠ WARNING

DO NOT attempt to pull out the main locking pin or back-up locking pin while there are bikes mounted to the carrier.

Storage Feature

Loosen the $\frac{5}{16}$ " knob, rotate the support tube to the vertical states, and then tighten the $\frac{5}{16}$ " knob. See FIG. 16

FIG. 16



Folded when not in use Feature

Fold Vertical Arm to the horizontal position, and then fold the Folding Shank Assembly to the vertical position. See FIG.17

FIG. 17

