



ITEM: 63138

DESCRIPTION: Q-Slot 4 Bike Rack

Kit Contents:

DESCRIPTION	QTY.	DESCRIPTION	QTY.
2" Shank Assembly	1	Support Tube Assembly	1
Side Tube - Short	2	1-1/4" Shank	1
Center Tube - Long	1	3/8-16 x 2.0 Carriage Bolt	2
5/16-18 x 2.25 Carriage Bolt	3	3/8-16 Hex Lock Nut	2
5/16-18 Hex Lock Nut	3	1/2-13 Anti-Rattle Pin	1
Bail Pin	3	1/2" Flat Washer	1
5/8-11 Anti-Rattle Pin	1	Wrench 3/4, 1-1/16	1
5/8" Flat Washer	1	Spring Clip	2
LH Wheel Cradle Assembly	4	Frame Hook Assembly – Long	2
RH Wheel Cradle Assembly	4	Frame Hook Assembly – Short	2

TOOLS REQUIRED:

- 1/2" Wrench
- 9/16 Wrench

Assembly Instructions:

1. Attach the (2) side tubes (short) to 2" shank assembly using the 5/16-18 x 2.25" carriage bolts and 5/16" lock nuts provided.
2. Attach the vertical center tube to 2" shank assembly using one 5/16-18 x 2.25" carriage bolt and 5/16" lock nut provided

Important Note: Tighten lock nuts so the support tubes still swing freely – see figure 2. There must be 1 – 2 threads of bolt past end of lock nuts.

3. Rotate side tubes to the horizontal position as illustrated. Align holes in plates and side tubes and secure tubes in position with bail pins as shown (Figure 1).
4. Rotate center tube to the vertical position as illustrated. Align holes in u-shaped bracket and tube and secure in position with bail pin as shown.

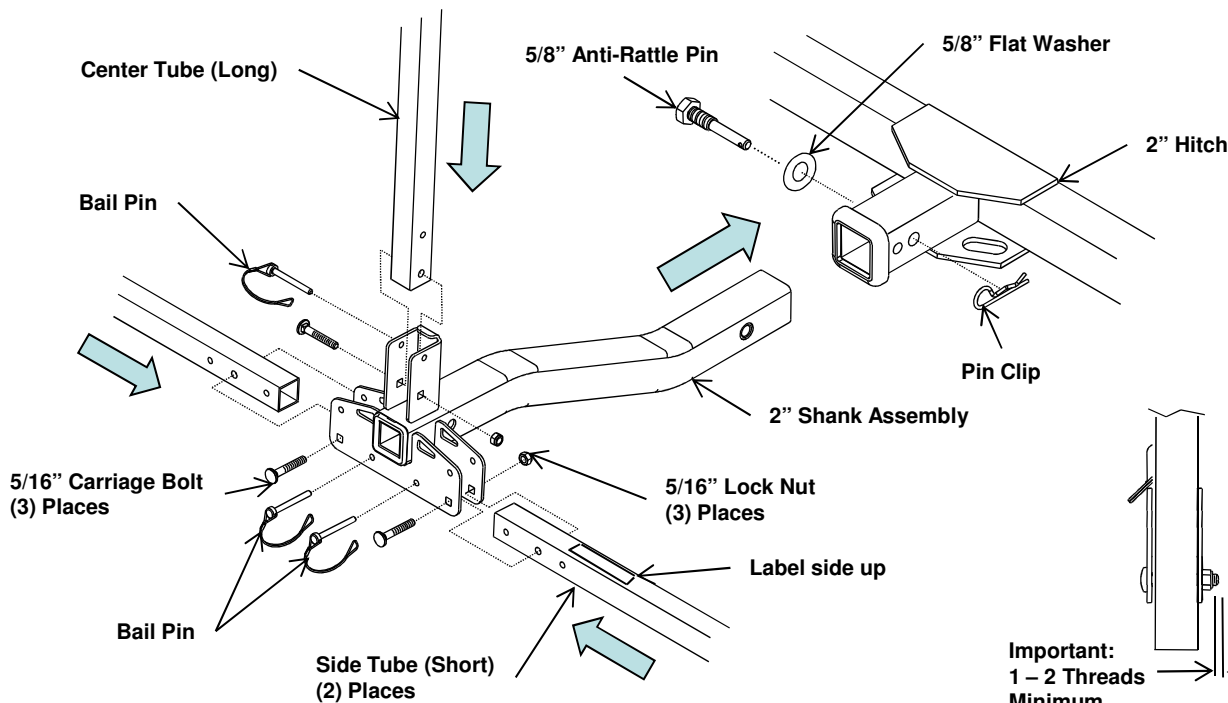


FIGURE 1.

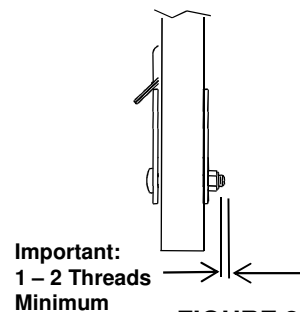


FIGURE 2.



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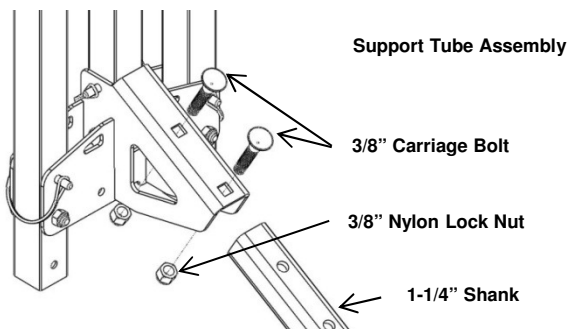
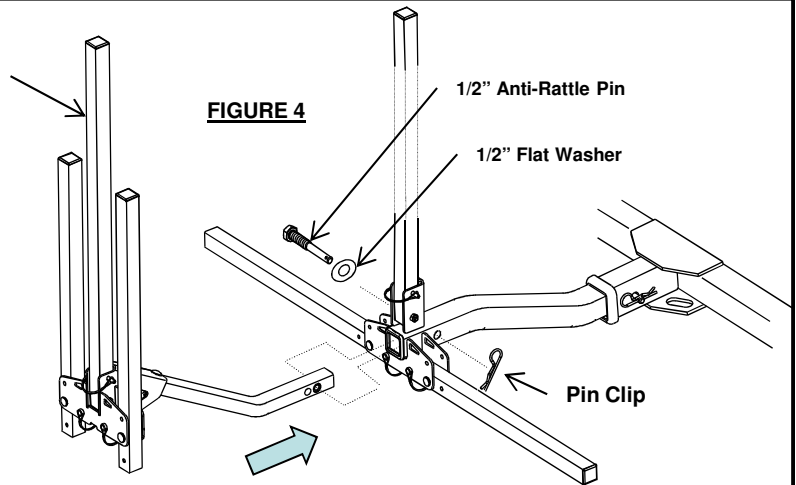


FIGURE 3



Assembly Instructions:

1. Attach the 1-1/4" Shank to Support Tube Assembly using (2) 3/8" carriage bolts and (2) 3/8" hex lock nuts (Figure 3).
2. Install Support Tube Assembly with 1-1/4" Shank the 2" Shank Assembly. Line up the threads in shank with hole in 2" shank and install the 1/2" anti-rattle pin. Tighten 1/2" pin and install clip (Figure 4).
3. Rotate side tubes to the horizontal position. Lock side tubes in position with bail pins as illustrated. (Figure 5 & 6)
4. Slide (8) Wheel Cradle assemblies (4 per tube assembly) on side tubes as illustrated. (Figure 6)
5. Slide (4) Frame Hook assemblies (2 per tube assembly) on center tubes as illustrated. (Figure 6)

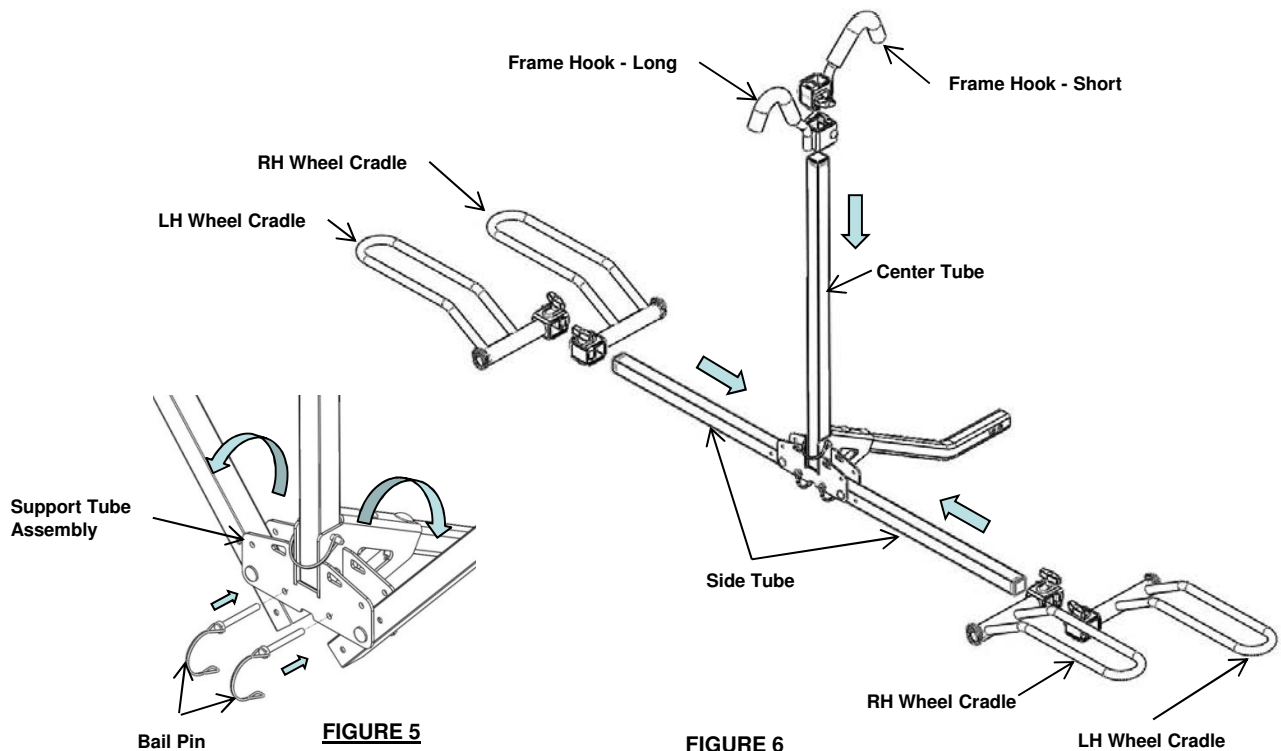


FIGURE 5

FIGURE 6



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Bicycle Loading:

1. Load inner bicycle first. Pull bail pins and rotate center tubes down as illustrated. (Fig 7)
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. (Fig 8)
3. Rotate center tube to vertical position and lock with bail pin. Lower Frame Hook assembly down over bicycle frame as illustrated. (Fig 9)
4. Apply downward pressure to bicycle and Frame Hook assembly. Tighten Frame Hook assembly and ensure there is no movement of bicycle.

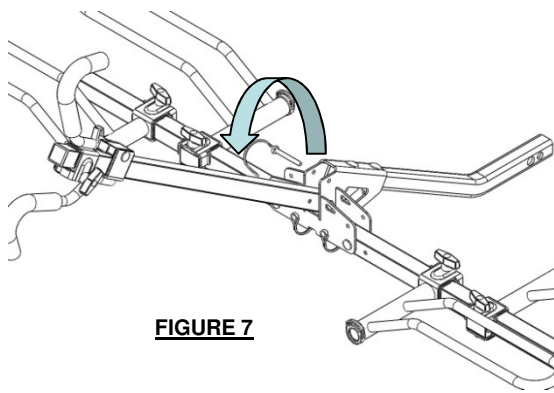


FIGURE 7

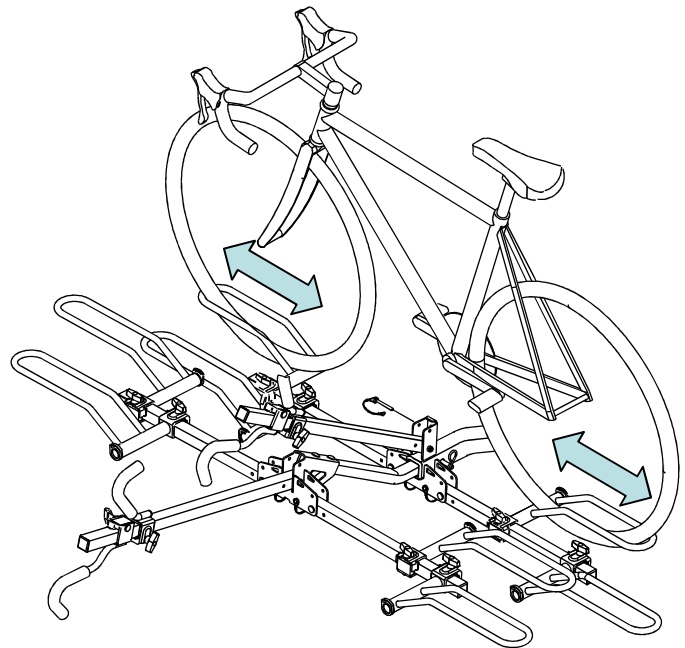


FIGURE 8

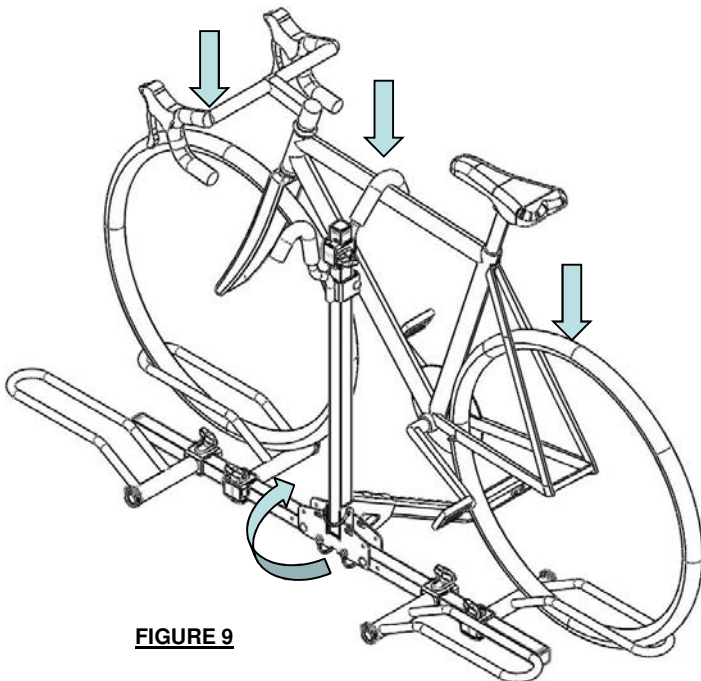


FIGURE 9



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Bicycle Loading (continued):

5. Loop Wheel Cradle straps over wheels and secure. (Fig 10)
WARNING – Failure to use wheel cradle straps may result in bike falling off rack during use.
6. Load second bicycle as describe in Bicycle Loading steps 2 thru 5. Reverse direction of second bicycle to prevent handle bar interference. (Fig 12)
7. Bicycles with inclined frames (angled cross tube i.e. women's bicycles), position frame hook at the intersection of the vertical tube and inclined tube to prevent slippage during use. (Fig 11)

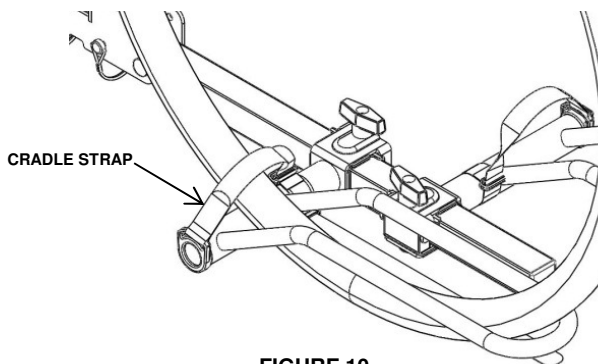


FIGURE 10

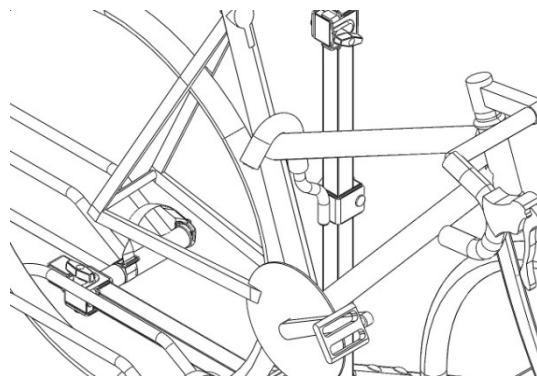


FIGURE 11

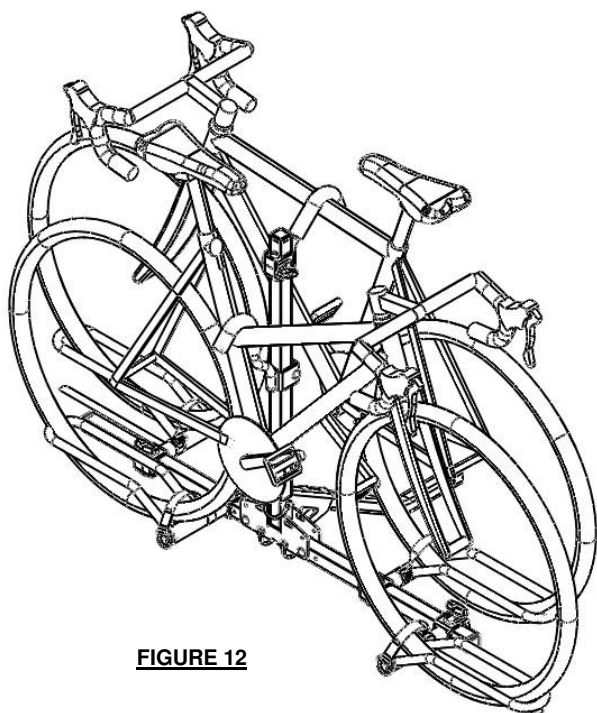
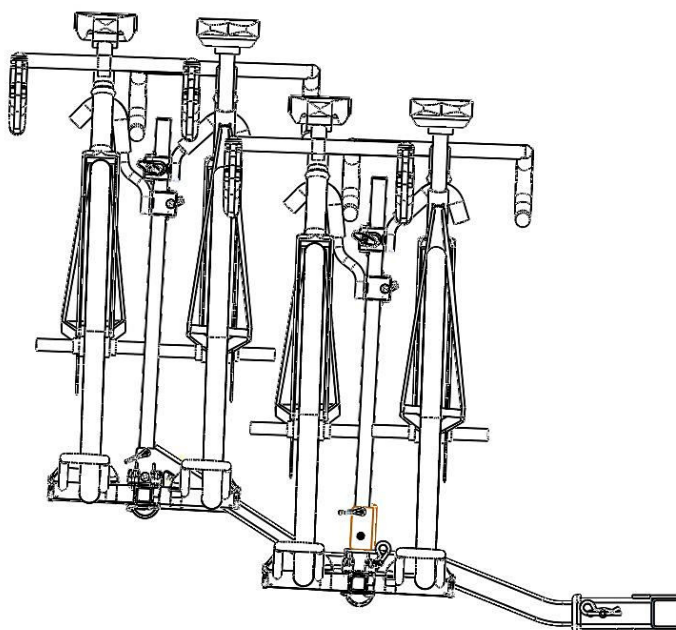


FIGURE 12

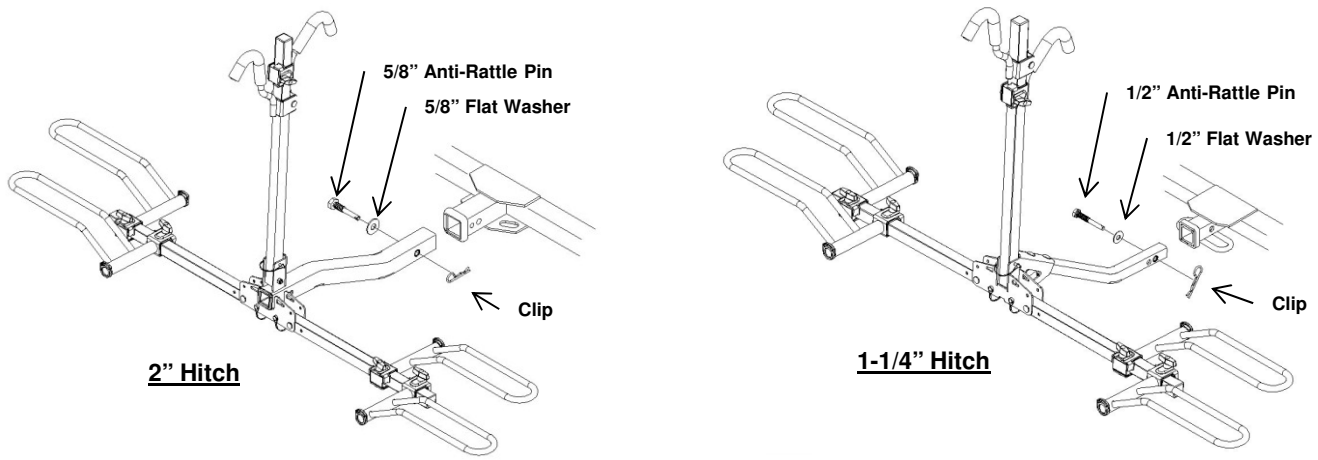


Bike carrier shown with 4 bikes



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IMPORTANT NOTES:

- This bicycle rack has been designed to carry a maximum of four (4) bikes in a 2" square hitch or up to two (2) bikes in a 1-1/4" receiver, see figures above.
- When used as a four (4) bike carrier, DO NOT EXCEED maximum of 140 lbs (63 kgs).
- When used as a two (2) bike carrier, DO NOT EXCEED maximum of 90 lbs (40 kgs).
- This rack is designed for typical use and applications (on paved or smooth gravel roads). Do not use this rack on a vehicle that will be driven on rough roads or where the rack (and bikes) will be subjected to significant or constant jarring and/or shock, or any vehicle with very stiff springs that will transfer the load shocks directly to the rack and the bikes.
- Always check frame hook, wheel cradle knobs and cradle straps for tightness prior to each trip.
- Replace straps if they appear worn or frayed.
- Proper fitting and installation of this carrier to your specific vehicle is critical, and is the owner's sole responsibility.
- Improper use of this product may result in damage to your vehicle, your bicycles, or even other vehicles driving behind you (as a result of colliding with or trying to avoid fallen bicycles and/or the rack).
- When leaving the bike carrier outside for extended periods of time the finish will lose its luster. It is recommended that when not in use the rack is stored indoors.
- Take care to add padding on any area of the bikes that touches another bike or any part of the vehicle. Damage can and will happen (to your bikes and/or to the vehicle) if care is not taken during the loading and transporting of your bikes, and padding used where necessary.
- Bicycle tires should be kept at least 6" away from the exhaust pipes of the vehicle. The high temperature exhaust exiting from the exhaust pipes is hot enough to melt or damage tires. Keep all bike tires totally away from the direct exhaust flow.
- Bikes fitted with large accessories (such as child carrying seat) will greatly increase the possibility of interference with mounting to the rack on the vehicle.

WARNING:

- Improper mounting will void the rack warranty.
- Damage to bicycles or rack due to ground clearance problems are not covered by warranty.
- Not for off road use.