

WARNING: Bikes or rack falling in road can cause serious accidents resulting in bodily injury - do not use rack on any vehicle on which it can not be properly mounted as described in this instruction sheet.

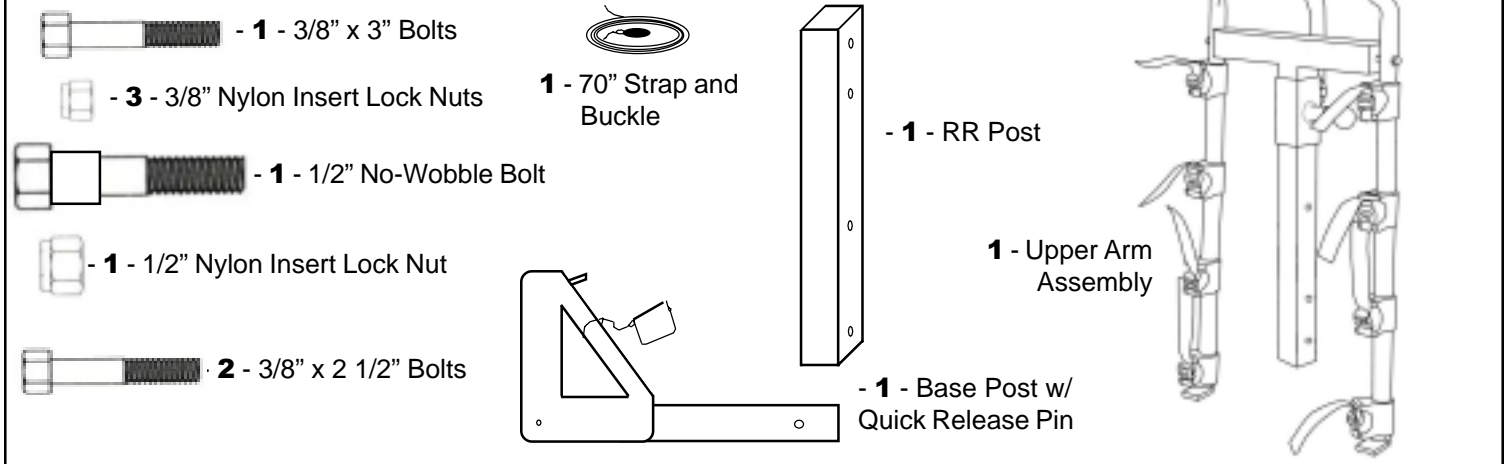
- Rack should only be used on vehicles with 2" receiver hitches.
- Bikes must be tied to rack using tie-downs, or additional straps if necessary.
- Check periodically during use that all bolts and pins are tight, and that rack and bicycles are secure.
- Never carry more than 4 bikes (max. capacity: 140 lb.) - no tandems, mopeds, or recumbents. Car tail lights must remain visible.
- Never use on trailers or front of vehicle.
- Drive conservatively, especially over bumps (never off-road).
- Do not use if any part of rack is damaged or missing. Contact R. A. Allen Co., Inc. for replacement parts.

Caution: Use Allen 640RR only in accordance with local motor vehicle and traffic regulations.

- Install rack and load bicycles only at a safe distance away from moving traffic.
- Make sure that all of rack and bicycles are kept at a safe distance from road and hot exhaust.
- Remove rack from car or fold carry arms down when not in use.

A. Parts:

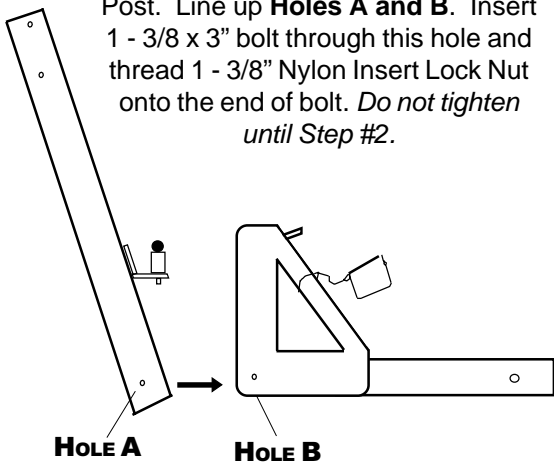
Tools required: 2 - 9/16" Wrench & 2 - 3/4" Wrench;
or 2 - Adjustable Wrenches



B. Assembling Rack:

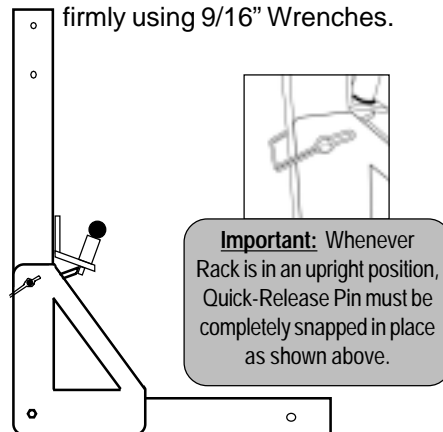
Step #1:

Insert lower portion of RR Post (end with the holes further apart) into Base Post. Line up **Holes A and B**. Insert 1 - 3/8 x 3" bolt through this hole and thread 1 - 3/8" Nylon Insert Lock Nut onto the end of bolt. *Do not tighten until Step #2.*



Step #2

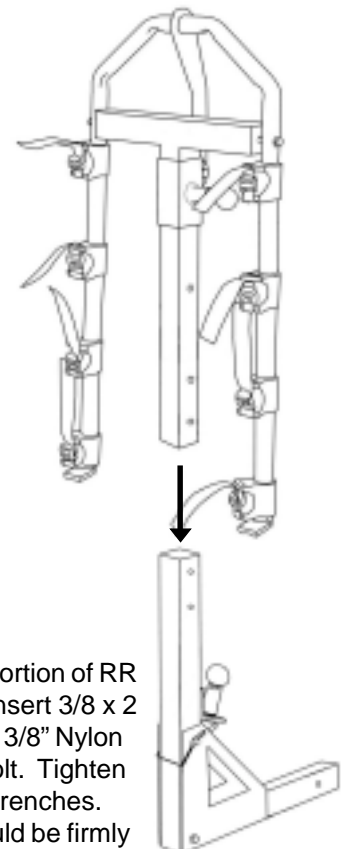
Pivot RR Post into an upright position so that Pop-Up Pin snaps into place. Install Quick-Release Pin. Tighten 3/8" nut and bolt very firmly using 9/16" Wrenches.



Important: Whenever Rack is in an upright position, Quick-Release Pin must be completely snapped in place as shown above.

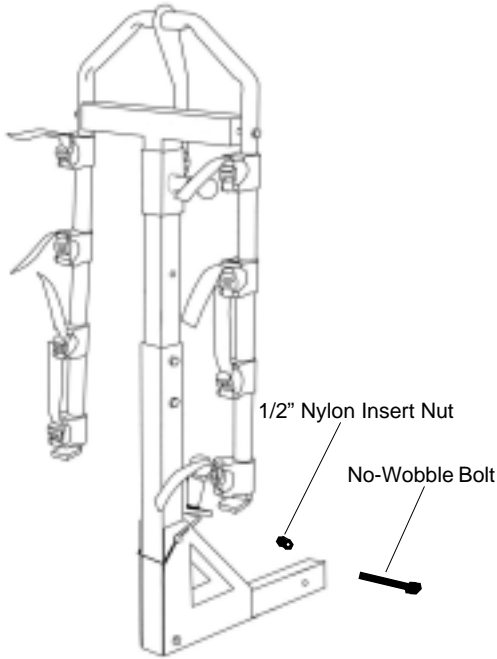
Step #3:

Insert Upper Arm Assembly into upper portion of RR Post, lining up the holes in each part. Insert 3/8 x 2 1/2" bolt through each hole and thread 3/8" Nylon Insert Lock Nut onto the end of each bolt. Tighten nut and bolt very firmly using 9/16" Wrenches. Note: Upon completion both parts should be firmly joined together.



B. Installing Rack on Vehicle:

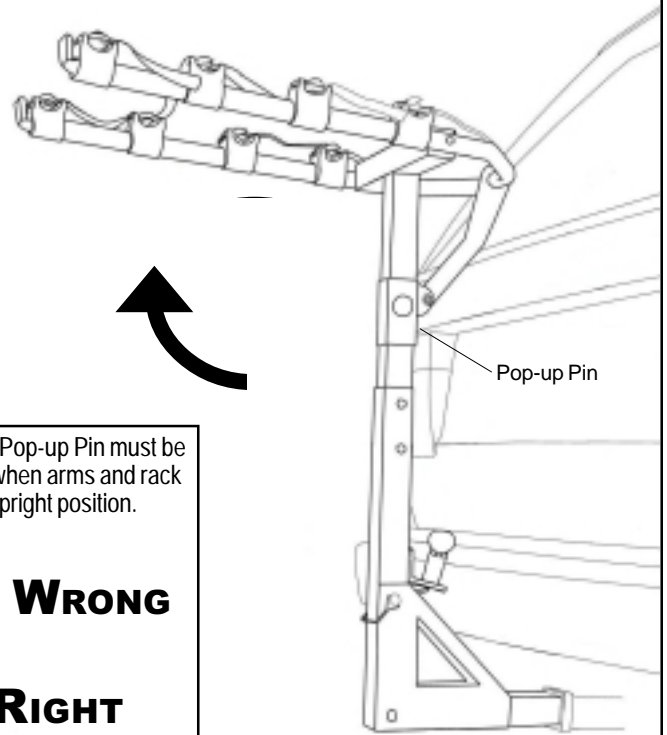
640RR should only be used on 2" Receiver Hitches



1. With arms in the folded position, insert rack into receiver hitch. Line up hole in base with hole of receiver hitch.
2. Insert No-Wobble Bolt into hole, making sure that the shoulder of the bolt comes up against receiver rack inside of hitch. Tighten firmly with 2 - 3/4" wrenches. There should not be any movement of the rack inside of the hitch when done.

C. Folding up Arms:

To fold up arms, pull out Pop-up Pin and swing carry arms into an upright position.



IMPORTANT: Pop-up Pin must be fully engaged when arms and rack are in an upright position.



If Pop-up Pin does not properly engage, call Allen Racks at (800) 722-5536

G. Loading bicycles onto rack:

1. Remove all loose items from bikes (pumps, bags, etc.) and check that all quick-release hubs are tight. Never carry more than 4 bikes (max. capacity: 140 lb.). Car tail lights must remain visible.
2. Load first bike with its chain and gears facing away from rack. Make sure that bikes do not come into contact with car (rotate inside pedal if necessary).
3. Load subsequent bikes in alternating directions. For best weight distribution, load heaviest bikes first with lighter bikes on outside. Add padding between bike contact points, if necessary.
4. After bikes are loaded, check that entire rack is secure and that No-Wobble Bolt is tight, making sure that rack is still firmly in place. Vision out of rear window may be restricted - use side mirrors accordingly, especially when backing up.

WOMEN'S FRAMES

Place one carry arm under front top tube. With other carry arm, rotate tie-down cradle and place carry arm behind seat tube and below rear down stay.

H. Securing bikes to rack:

All bikes must be securely tied to rack. Use individual bike tie-down straps or additional straps if necessary.

1. Place bikes in tie-down cradles.

2. Thread straps.

3. Pull tight.

4. Use 70" Strap to secure all of the bikes together around bottom brackets.

