

#### Guidelines

Max weight per bicycle: 40lbs (18kg) for 2 bike rack (80lbs (36kg) total). Wheel size: Comptatible with 20-29" wheels. Tire Size: Fits up to 3.0" tires. Compatible with bicycles' wheelbases from 34" to 48" Fits both 1.25" and 2" hitches with adaptor sleeve & anti wobble bolt Remove front fenders, racks, and panniers before use.

No kick bikes, recumbents, mopeds, scooters, pennyfarthings, fat bikes, or tandems.

#### **P**arts Included

A: Base B: Frame C: Inner Front Wheel Cup D: Outer Front Wheel Cup E: Inner Rear Wheel Cup F: Outer Rear Wheel Cup	H: Right Frame Arm I: Ratchet Arm J: Hook K: Wheel Strap L: Rubber Bumper M: Hitch Bolt	0: M6x85 Allen Bolt P: M8x70 Hex Bolt Q: M4x6 Allen Bolt R: M6x15 Torx Bolt S: M12 Flat Washer T: M12 Lock Washer	V: M8 Nut W: 1/2" Nut X: 6mm Flat Washer Y: Cotter Pin
G: Left Frame Arm	N: Pivot Bolt	U: M8 Flat Washer	

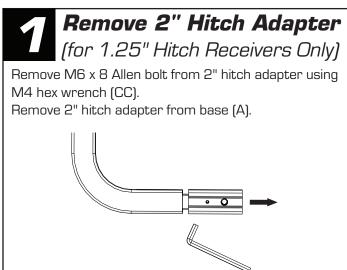
#### Tools Included

AA: Box Wrench	BB: M3 Hex Wrench	CC: M4 Hex Wrench	DD: M5 Hex Wrench	EE: Torx Wrench
C (1x) F	Red D (1x) Blue C (1x) A (1x) G (1x)	E (1x) Yellow		<ul> <li>Y [1x]</li> <li>K [2x]</li> <li>K [2x]</li> <li>F [2x]</li> </ul>
	T (1x) U (4x) V (2x) W (1)		0	<ul> <li>AA (2x)</li> <li>DD (1x) EE (1x)</li> </ul>

Read all warnings on last page before use.



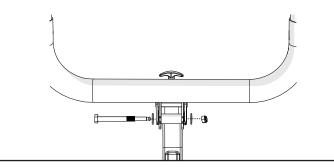
#### Assembly Instructions





# Install Pivot Bolt

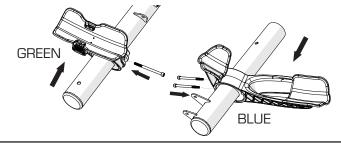
Align frame (B) with base (A). Install pivot bolt (N) with two M12 flat washers (S) and 1/2" nut (W) using box wrench (AA).





# Install Outer Wheel Cups

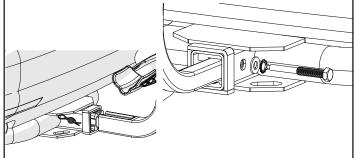
Align outer front wheel cup (D) with holes in right frame arm (H). Align outer rear wheel cup (F) with holes in left frame arm (G). Install three M6x85 Allen bolts (O) using M5 hex wrench (DD).





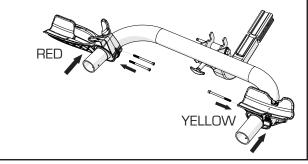
# Install Hitch Bolt

Insert base (A) into vehicle hitch receiver. Install hitch bolt (M) with M12 flat washer (S) and M12 lock washer (T) using box wrench (AA). Install cotter pin (Y)



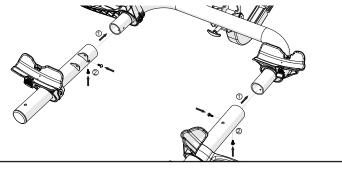


Align inner front wheel cup (C) and inner rear wheel cup (E) with holes in frame (B). Install three M6x85 Allen bolts (O) using M5 hex wrench (DD).





Align frame arms (G and H) with frame (B). Install four M6 x 15 Torx bolts (R) with 6mm washers (X) using Torx wrench (EE). **Note: Check bolts periodically.** 

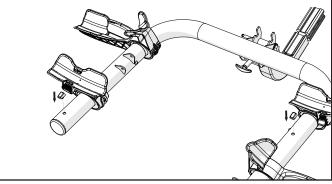




#### Assembly Instructions



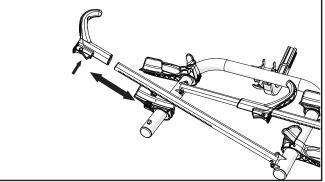
Press rubber bumpers (L) into holes into frame arms (G and H).





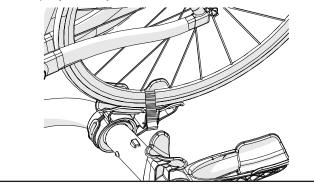
# Install Wheel Hooks

Slide wheel hooks (J) onto ratchet arms (I) with hook toward the front of the rack.



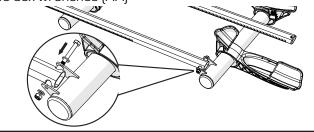
## Install Rear Wheel Straps

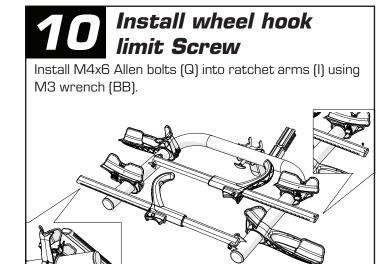
Install rear wheel straps (K) into inner and outer rear wheel cups (E and F).



# Install Ratchet Arms

Align ratchet arms (I) with tabs on frame arms (G) and H) with the serrated ratchet features toward the rear of the rack. Install each arm with an M8 x 70 hex bolt (P), two M8 flat washers (U), and an M8 nut (V), using two box wrenches (AA)





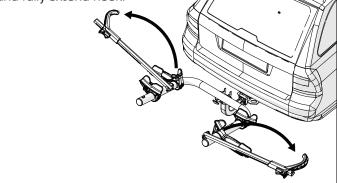


## Loading Bikes



# Open Load Arm

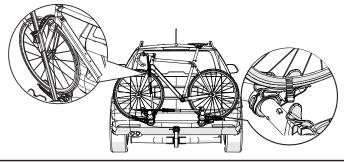
Rotate load arm 180 degrees from stowed position and fully extend hook.





## Secure Front and Rear Wheels

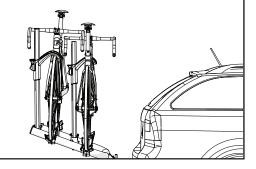
Rotate load arm over front wheel and tighten hook against fork. Feed wheel strap through rear wheel and into buckle. Pull tight.





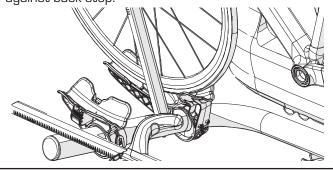
# Adjust Bike Position

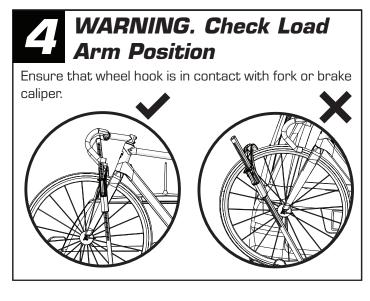
If contact between handlebars and saddle exists, swap bikes so smaller bike is closest to vehicle. This should eliminate any interference between bicyles.





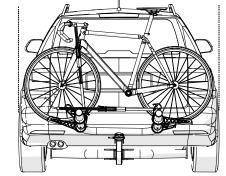
Load the smaller and/or heavier bike in position nearest to the vehicle. Front wheel should be secure against back stop.





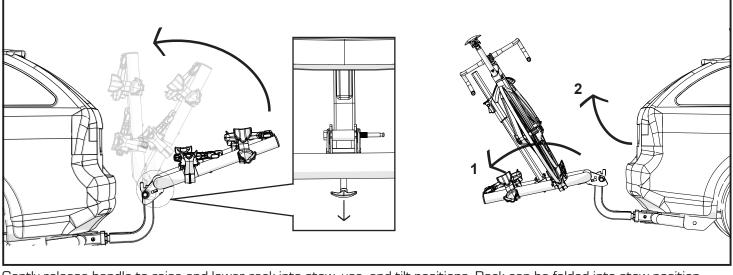


Be sure loaded bikes do not extend past width of side view mirrors.





## **Rack Positions**



Gently release handle to raise and lower rack into stow, use, and tilt positions. Rack can be folded into stow position when now in use and tilted down for rear vehicle access. Load arms should be stowed flat when rack is not in use. Handle should be fully seated before each use.

#### Warnings

If a hitch extension is needed, only anti-wobble hitch extensions by RockyMounts can be used. Remove Baby Seats, Panniers, U-Locks, or items that could detach from the bicycle. Do not use bicycle covers, bicycle bras, tarps, or bikes equipped with disc wheel. Not intended for trailers, towed vehicles, 3/4 ton or 1 ton pickups, or RV's. Not intended for off road use. Do not take the vehicle off road. Proceed slowly over speedbumps. Bikes/rack can partially block license plate and/or taillights. Please check and adjust accordingly. Check the car exhaust is not pointing at the rack, bike tires, or rims. Some vehicles may require an "elbow" to divert the hot exhaust away from the equipment. Do not transport tires with flat or leaking front tires. Front tire must be inflated. Hitch pin holes need to be at least 1.5" from end of hitch. Locks are only deterrents to thieves, RockyMounts<sup>™</sup> cannot be held liable for stolen bicycles. Remove rack before entering a car wash. Check all fastenings (nuts, bolts, straps, wheelcups, and load arms) before each use.

#### Lifetime Warranty

Thank you for purchasing a RockyMounts<sup>™</sup>product. We take pride in providing a great customer experience and manufacturing products that enable our customers to get their gear to their next colorful adventure.

As of January 1, 2014, RockyMounts products are covered for life to the original purchaser when used in accordance with the instruction manuals' assembly, installation and use guidelines.

If you feel something broke before it's time; please email us at ride@rockymounts.com or call us at 800.873.1871. For the most efficient service, email a digital photo (we need this photo to verify the problem) of the product in questions, a brief description of the situation, and your purchase receipt. Our techs will respond within one business day. Most of the time we'll replace the part in question, but we may ask for more details.

RockyMounts, Inc. warranty only covers RockyMounts, Inc. products. It does not cover theft, or damage to vehicles and/or equipment.

All products purchased prior to Jan 1st, 2014 are covered by a one-year warranty; see your product manual for details.

