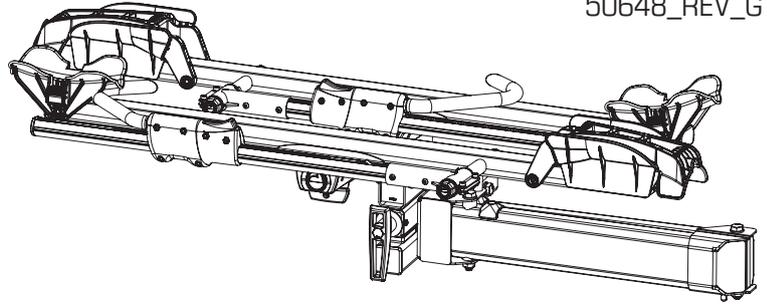




rockymounts™
BackStage

50648_REV_G

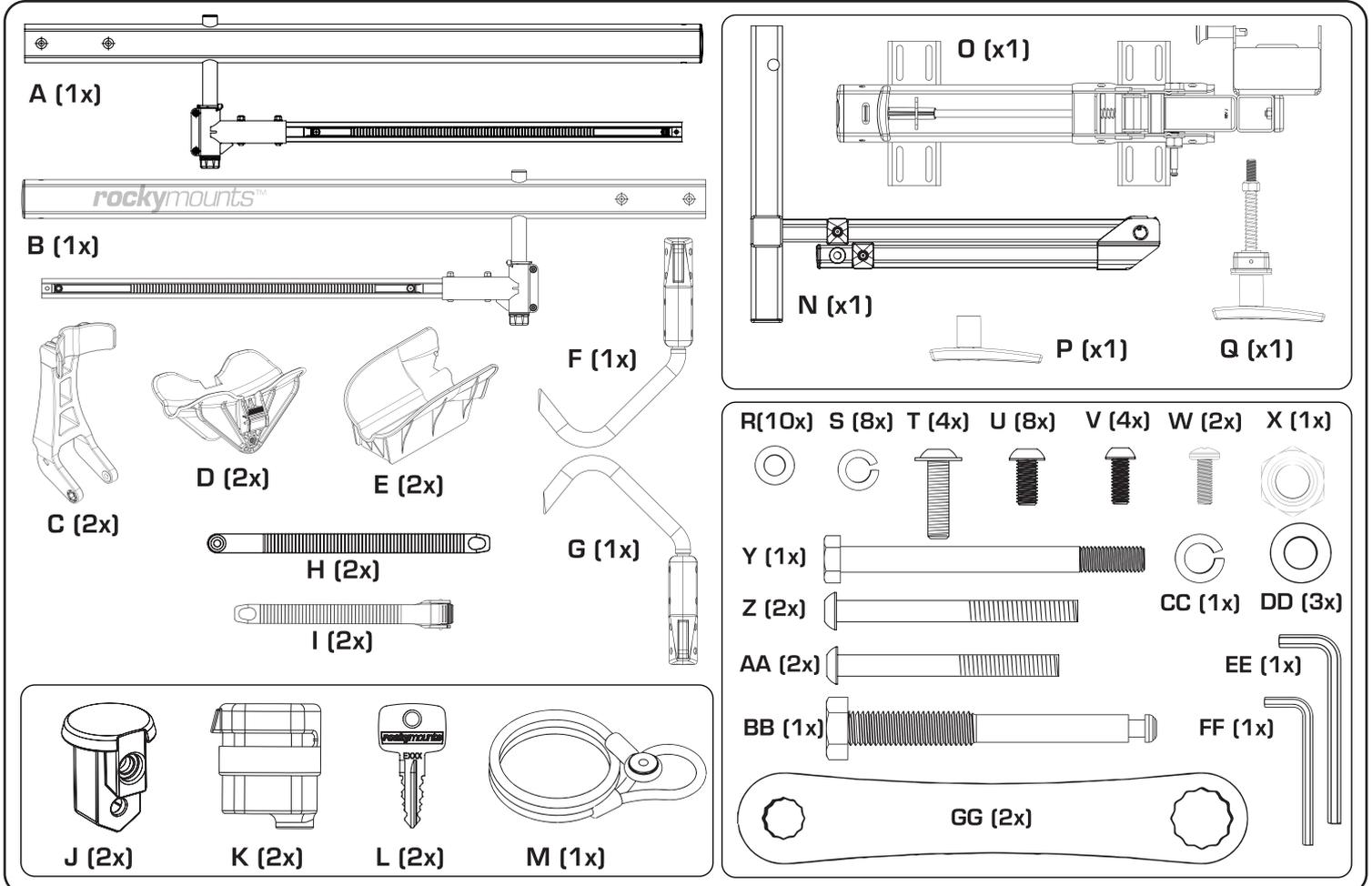


Guidelines

Carries 2 bikes, up to 60lbs (27kg) each [120lbs (54kg) total]; **Not compatible with 'Add-On'**
 Tire width 19mm road bike tires - 5.0" mountain bike tires
 Wheel Diameter: 20" - 29"
 Wheelbase: 36" - 50" (915mm - 1270mm)
Remove e-bike batteries, front fenders, racks, and panniers before use
 No kick bikes, recumbents, mopeds, scooters, pennyfarthings, or tandems
 Does **NOT** expand: 2x bike maximum

Parts Included

- | | | | |
|--------------------------|----------------------------|-----------------------------|----------------------|
| A: Wheel tray A | J: Load arm end cap | S: M8 Split washer | BB: Hitch Pin |
| B: Wheel tray B | K: Lock pod | T: M8 x 30mm flanged bolt | CC: M12 Split washer |
| C: Back stop | L: Key | U: M8 x 16mm BHCS bolt | DD: M12 Flat washer |
| D: Rear wheel cup | M: Lock cable | V: M6 x 16mm BHCS bolt | EE: 5mm Allen wrench |
| E: Front wheel cup | N: Swing Base | W: M5 x 15mm Phillips screw | FF: 4mm Allen wrench |
| F: Wheel hook A | O: Spine | X: M12 Nut | GG: 19/13mm Wrench |
| G: Wheel hook B | P: Spare locking handle | Y: M12 x 140mm bolt | |
| H: Wheel strap | Q: Locking handle assembly | Z: M8 x 90mm BHCS bolt | |
| I: Wheel strap extension | R: M8 Flat washer | AA: M8 x 85mm BHCS bolt | |

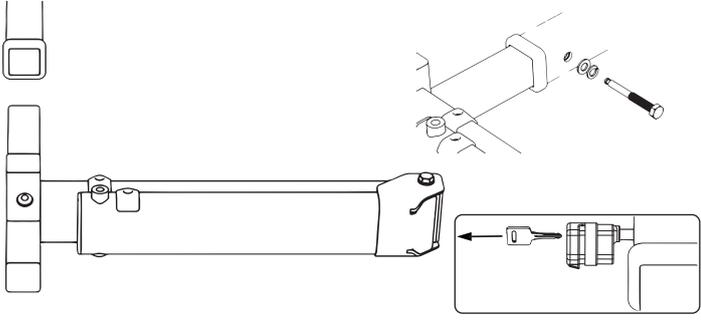


Read all warnings on last page before use.

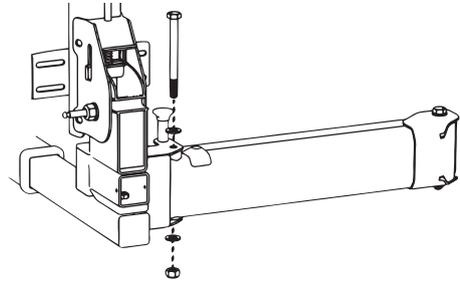
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Assembly Instructions**1 Install Swing Arm**

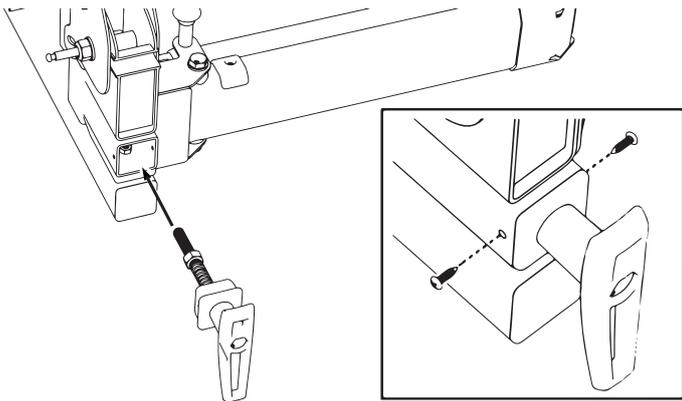
Insert hitch tube into vehicle hitch receiver and align holes. Using 19mm wrench, install hitch pin with an M12 split washer and an M12 flat washer. Lock Hitch pin with lock pod

**2 Install Base**

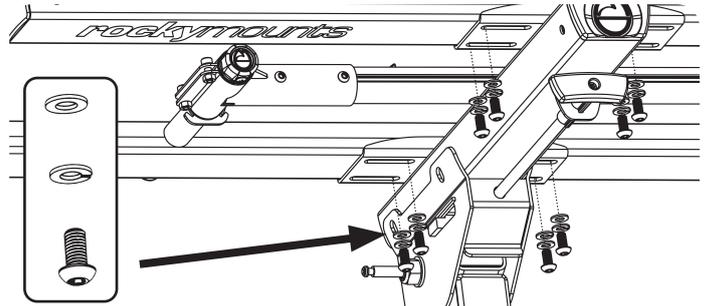
Attach base to swing arm. Loosely install M12x130 bolt, M12 nut and two M12 flat washers. Hold M12 nut using one 19mm wrench and fasten M12 bolt using other 19mm wrench

**3 Install Locking Handle**

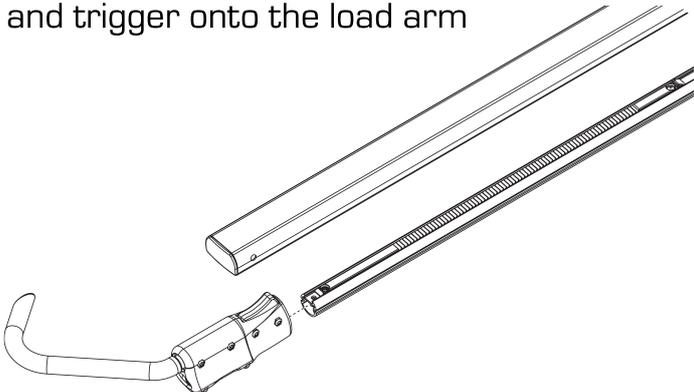
Attach locking handle assembly to base. Align holes and install two M5 phillips screws

**4 Install Wheel Trays**

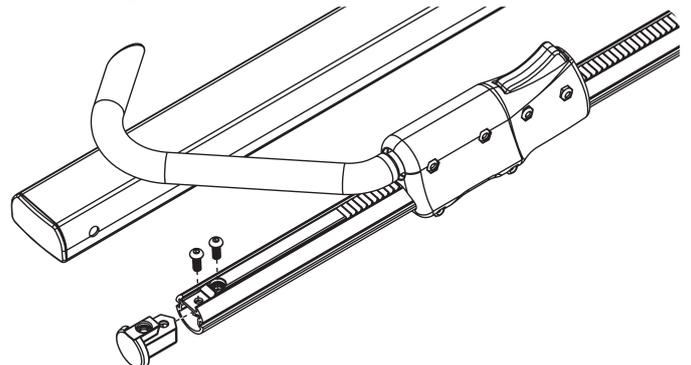
Pull blue T Handle to lower base. Place two wheel trays on base. Loosely install eight M8x16 bolts with split and flat washers. Position trays then securely tighten all bolts

**5 Install Hook and Trigger**

With the blue trigger facing upwards and the hook towards the tray, slide the wheel hook and trigger onto the load arm

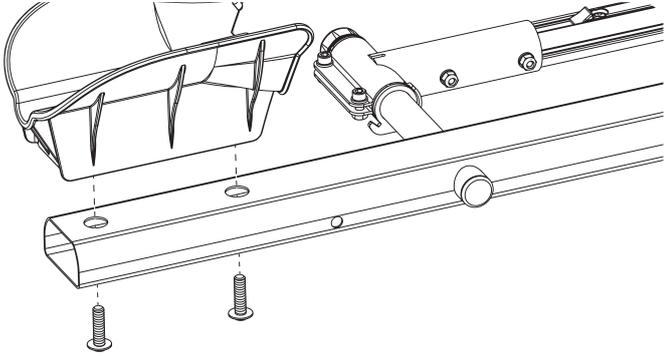
**6 Install Load Arm End Caps**

Slide the load arm end cap into the end of the load arm. Affix utilizing two M6x16 BHCS bolts using the 4mm allen wrench



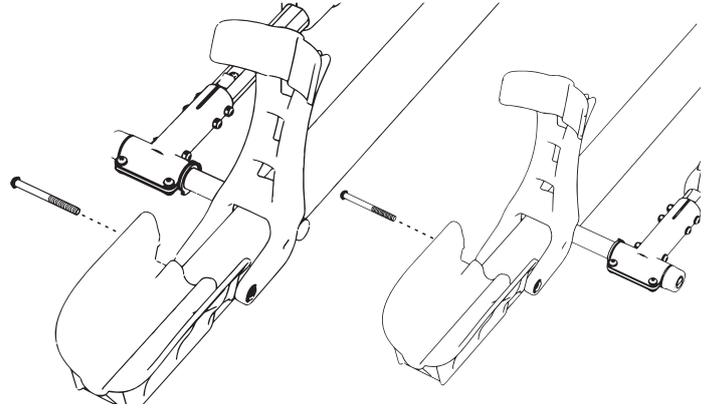
6 Install Front Wheel cups

Push the front wheel up onto the tray and screw in the two M8x30 flanged screws from the underside of the tray



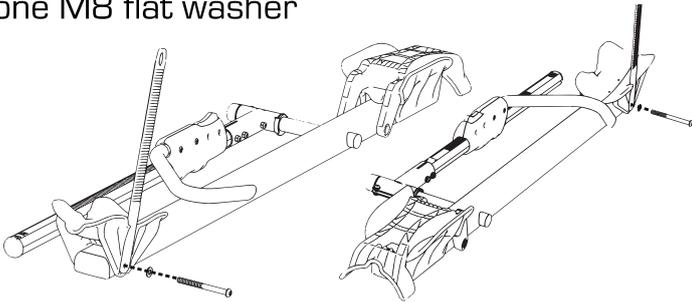
7 Install Back Stops

For both wheel trays, install the back stops with M8x85 BHCS bolts



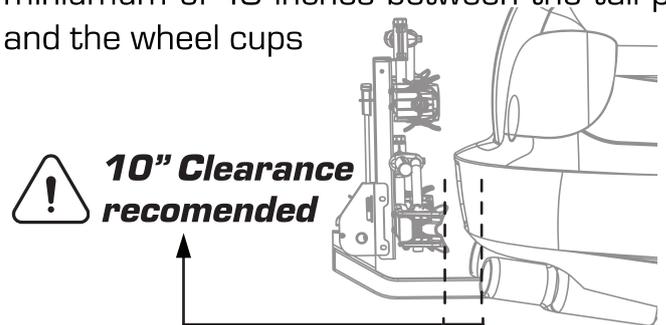
8 Install Rear Wheel Cups

Align holes on the wheel cup, tray, and wheel strap. Make sure the buckle faces away from vehicle. Install with M8x90 BHCS bolt and one M8 flat washer

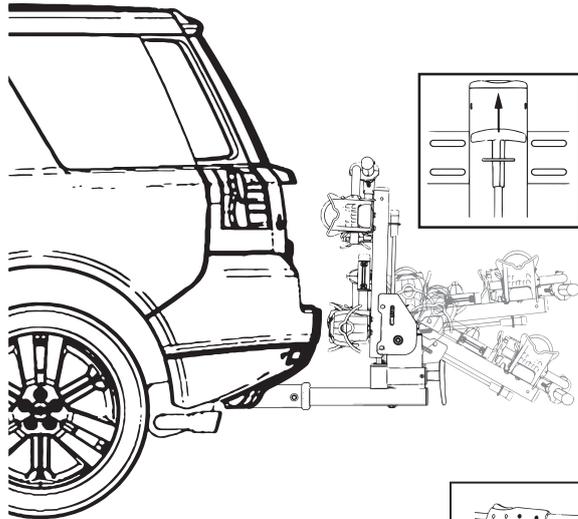


9 Check Exhaust Clearance

Ensure there is adequate clearance between the exhaust and the plastic wheel trays. If the exhaust vents directly rearward we suggest a minimum of 10 inches between the tail pipe and the wheel cups



10 Rack Positions



Folding Rack

Pull blue T handle to raise or lower rack into stow, use and tilt position.

Rack can be folded into stow position when not in use and tilted down or swung away for rear vehicle access.

If rack hits locking handle when tilted down, tighten locking handle until out of the way. (If too tight, then loosen locking handle; push bolt out and flip bolt 180 degrees then reinstall)

Load arms should be stowed flat when rack is not in use.

T handle should be fully seated before each use.

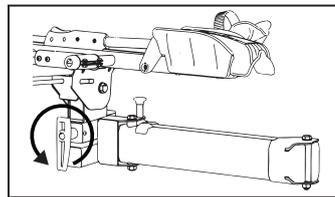
Only use swing function when vehicle is parked and on level ground.

Before operating your vehicle, always make sure:

- Rack is in closed position
- Pull pin is engaged
- Locking handle is tightened and rack is secure

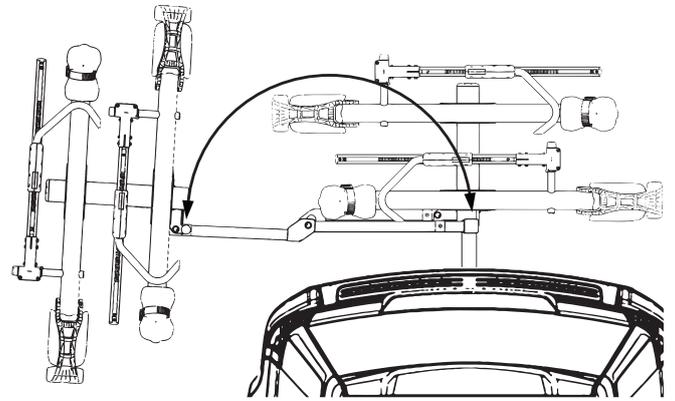
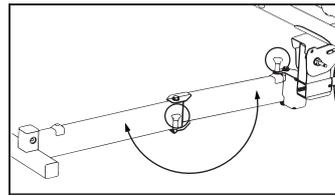
Swing Rack Out

- Loosen Locking Handle
- Release Pull Knob
- Extend rack until both pull knobs lock in place



Closing Rack

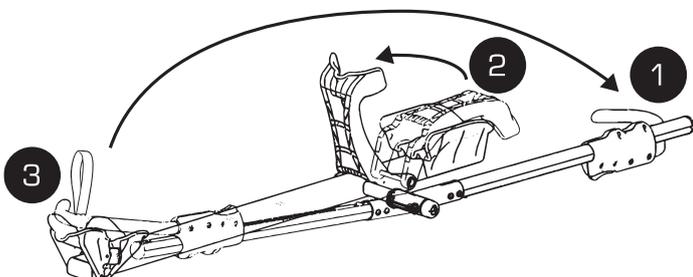
- Release both pull knobs
- Retract rack until pull knob clicks in place
- Tighten locking handle



Loading Bikes

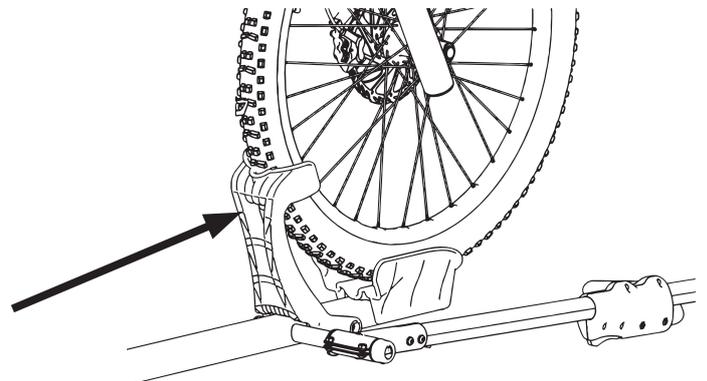
1 Prepare Wheel Tray

- 1 Rotate load arm 180 degrees from stowed position and fully extend the hook
- 2 Fold back stop into open position
- 3 Tuck the wheel strap into the wheel cup



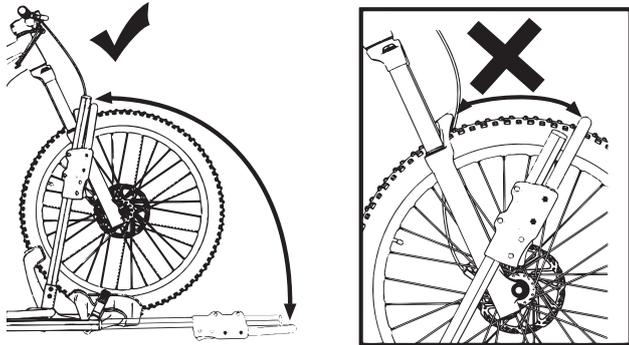
2 Place Bike on Rack

Load heaviest bike on tray nearest to vehicle
Front wheel should be secure against the backstop



3 Secure Front Wheel

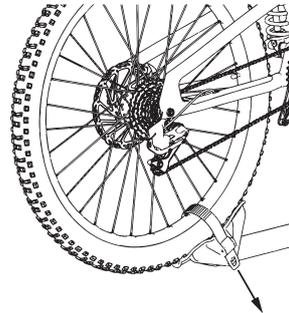
Rotate load arm over front wheel and tighten hook against the fork. There should be contact between the fork, the wheel hook, and tire



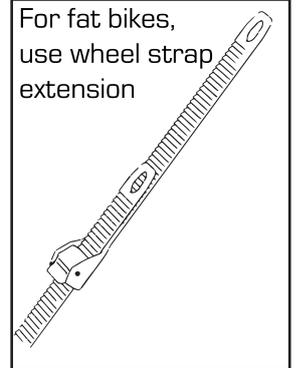
DO NOT CLAMP HOOK ON TOP OF FORK CROWN

4 Secure Rear Wheel

Feed wheel strap through rear wheel and into buckle. **Pull Tight**

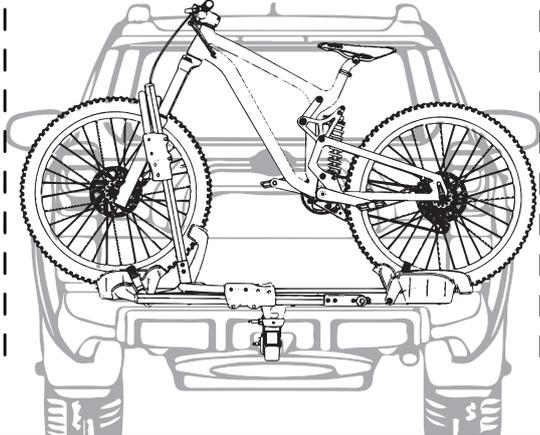


For fat bikes,
use wheel strap
extension



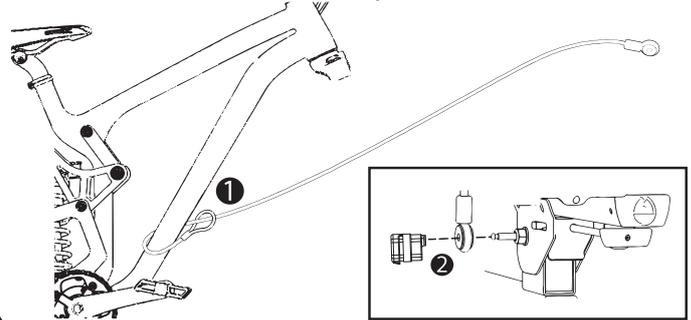
5 Check Mirrors

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



6 Locking Bike

Loop cable around inner bike frame and feed through outer bike frame. Lock cable to pivot bolt with additional lock pod

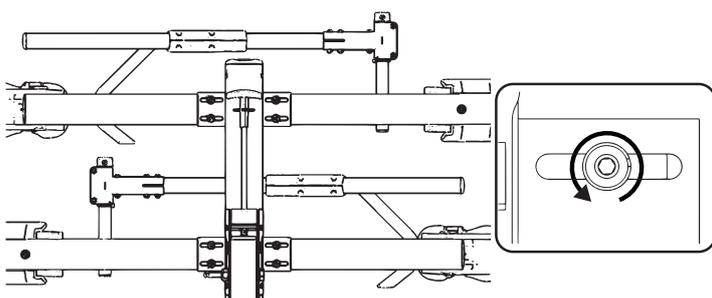


DO NOT USE WHILE TRAVELING
Can cause damage to frames due to road vibrations

Rack Adjustability

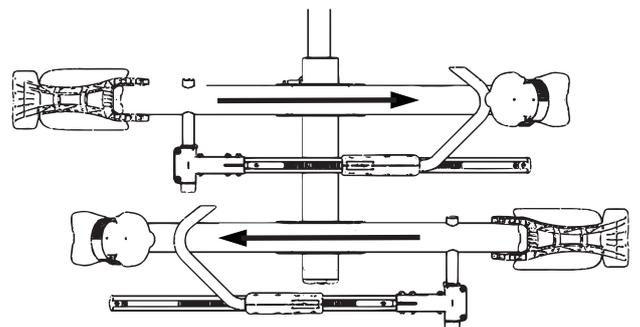
1 Loosen Bolts

Trays can be adjusted side-to-side to avoid handlebar interference. Remove bikes and fold rack stowed position. Loosen eight M8 bolts on bottom of spine



2 Adjust Trays

Slide trays as much as needed and re-tighten all eight M8 bolts



Read all warnings on last page before use.

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Warnings

- If a hitch extension is needed, only anti-wobble hitch extensions by RockyMounts™ should be used with this product
- Remove e-bike batteries, baby seats, panniers, U-Locks, or items that could detach from the bicycle
- Do not use bicycle covers, bicycle bras, or bikes equipped with aero disc wheels
- Not intended for off road use or with trailers, towed vehicles, 1 ton pickups, RV's, or UHV/UTVs
- Bikes and 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 exhaust diversion to avoid damage
- Do not transport bikes with flat or leaking tires. Tires must be inflated for secure transport
- Hitch receivers require a minimum of 350lbs tongue weight rating and 1.5" (38mm) distance from hitch pin hole to end of receiver
- Locks are only deterrents for thieves, RockyMounts™ Inc. Cannot be held liable for stolen bicycles
- Remove lock while vehicle is moving; Road vibrations may cause frame damage to bikes and rack
- Check all fasteners before each use
- Remove bikes and rack before entering car wash, hand washing rack is OK
- Once a year, remove from vehicle to clean and inspect for damage

Limited Lifetime Warranty

At RockyMounts we offer a Limited Lifetime Warranty for products purchased after January 1, 2014 to the original owner. For details of warranty, guidelines, and how to make a claim; please see rockymounts.com/warranty

Technical Support

Please call use at 303-402-0190 or email at ride@rockymounts.com for questions regarding use, assembly, and support