



Alpaca Carriers, Inc. manufactures multi-purpose carriers or racks in Kimball, Minnesota. The carriers feature a patented system of pins that can be easily relocated on a frame along with our patented Alpaca Cinch™, a fastening system that self adjusts to articles of any shape or size, making our carriers very versatile, and easy to use.



2 Tadpoles
2 Inch
Hitch

1 Tadpole
& 1 Bike
2 Inch
Hitch

1 Tadpole
2 Inch
Hitch

1 Bike
2 Inch
Hitch

1500 2TADPOLE 2
1500 1TADPOLE 2

Alpaca Trike & Bike Carriers™

**We have a carrier line designed to
carry a combination of trikes & bikes.**

Protected by US patents
#6,010,049, #6,010,143,
#6,039,228, #6382,487 B1
and #6,772,929 B1

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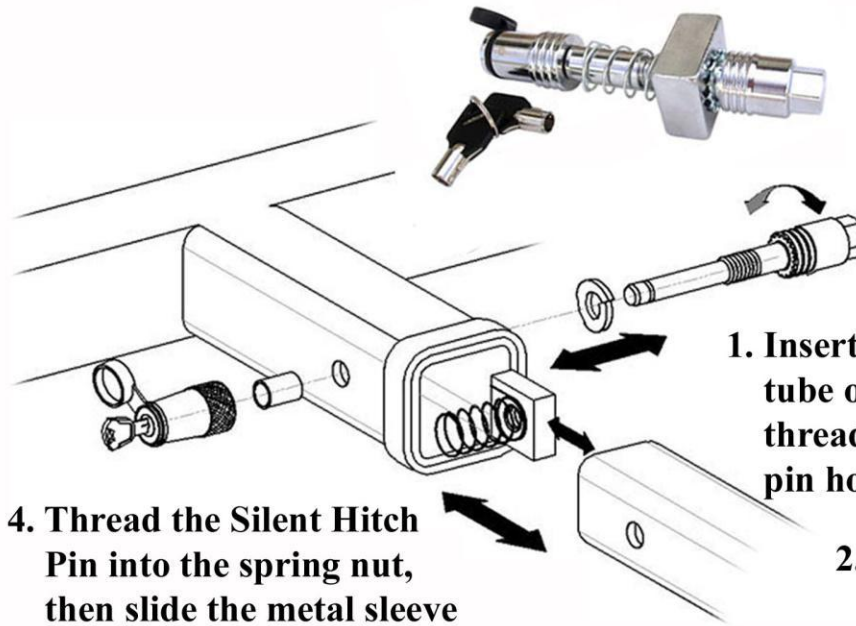
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Silent Hitch Pin Lock Assembly & Use



3. Place the lock washer on the Silent Hitch Pin and insert it through the hole in the receiver as shown.

1. Insert the spring nut into the support tube of the carrier. Make sure the nut threads are in alignment with the shank pin hole.

4. Thread the Silent Hitch Pin into the spring nut, then slide the metal sleeve over the pin and attach the lock. Tighten firmly with a wrench for proper function.

2. Slide the support tube with the spring nut installed into the hitch receiver and align the support tube pin hole with the hitch receiver pin hole.

Anti-Sway Device Assembly & Use

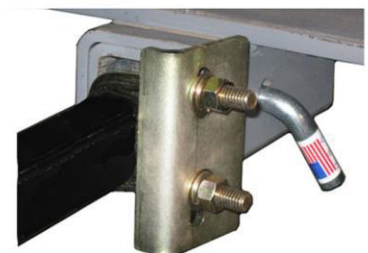
Slide U-Bolt through the slotted holes in the compression plate as shown.



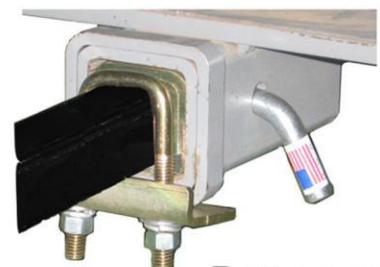
Put flat washer, lock washer and nut on each side of U-bolt.



The anti-sway device is used to tighten the support tube against the receiver hitch reducing sway and rattle. This will work with any 1 / or 2-inch receiver hitch, ball mount or rack. It can be used on the side or bottom of the hitch. Specify the hitch and support tube size and we will furnish the correct U-bolt.



Side use



Bottom use

Assembling the Tadpole Carrier

Loop adjustable toggle ball to side slot of the rear tire holder. Put screws through holes in rear tire holder as shown, put nuts on screws, slide tire holder over support tube to desired position as shown in photo. Do not over tighten screws.

Insert the support tube into your receiver hitch, align hole in receiver hitch with hole in support tube, insert hitch pin through the hole, slide hitch pin clip into hole in hitch pin. If you purchased the silent hitch pin lock as recommended use it in place of the hitch pin.

Silent Hitch Pin Lock



Anti-Sway Device

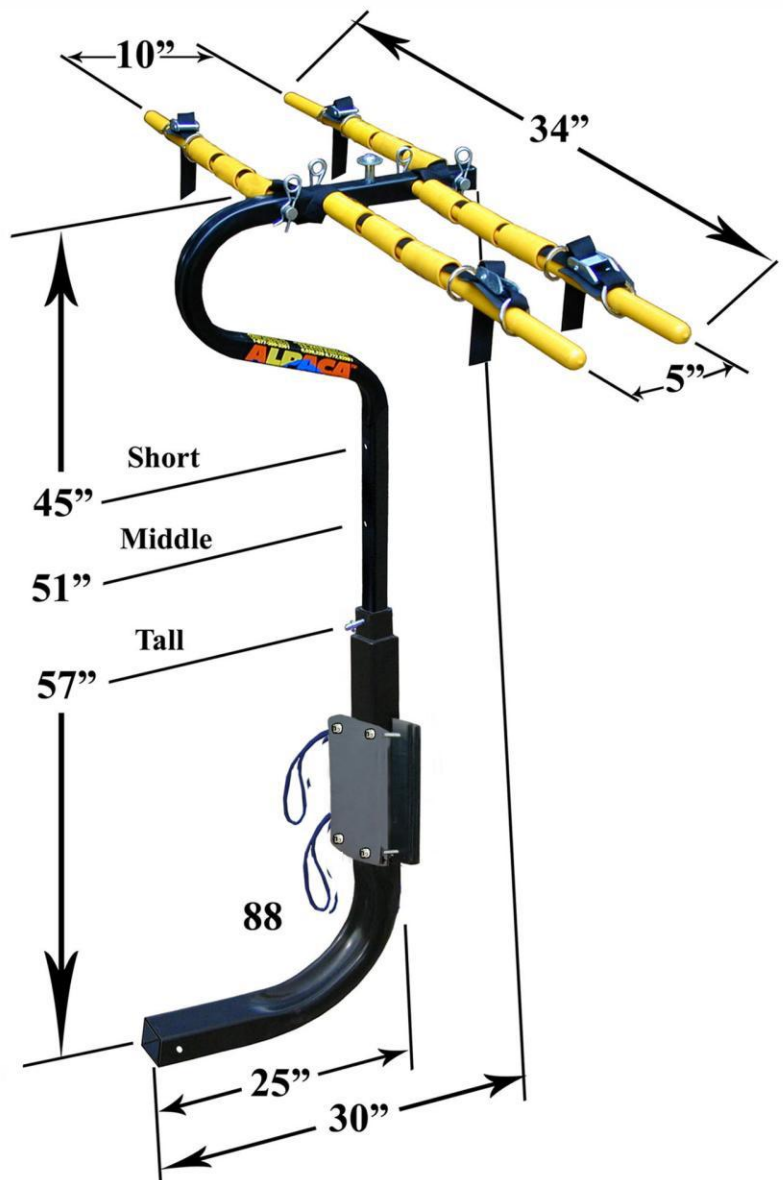


Wiggle the top of the carrier, if there is too much movement within the hitch the optional silent hitch pin lock or anti-sway device will reduce this movement. We recommend the silent hitch pin lock in this situation.

Warning: When loaded, the carrier will exceed the height of most vehicles. Do not go where there is not enough clearance.

Warning: Remove luggage bags from trikes before transporting.

Slide the tadpole frame top into the coupling on the tadpole support tube to the desired setting as shown below, align holes and insert PTO pin, hook safety spring with pin over end of pin.



Attaching Pins & Alpaca Cinch™ to Delta Carrier



Slide pins through the desired holes from the preferred direction, insert double loop hitch pin clips into the grooves in the pins.

Run the end of the long cinch strap without the loop through the strap clip on the bottom of the frame starting from the side the pin is on. Hold the loop on the other end of the strap over the pin the cinch will be used with. Take the end without the loop, run it through the loop and pull it tight.



The desired number of spacers are slid over the end of the strap to space the trike from the carrier frame and other trike. With delta trikes start with two spacer/pin on the top pins and three spacers/pin on the bottom pins. Make the necessary adjustments after you try the trikes on the carrier.

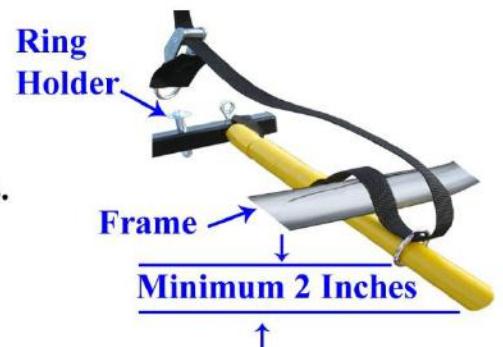
Then slide the spacers over the end of the pin. They hold the strap close to the pin and the trike at the desired location on the pins. The spacers remain on the pin. Slide a steel ring onto the strap.

Press the clasp on the cam-buckle, slide the end of the strap through the opening from the bottom as shown and let go of the clasp. The cinch is ready to use. Repeat the process for the other cinches.



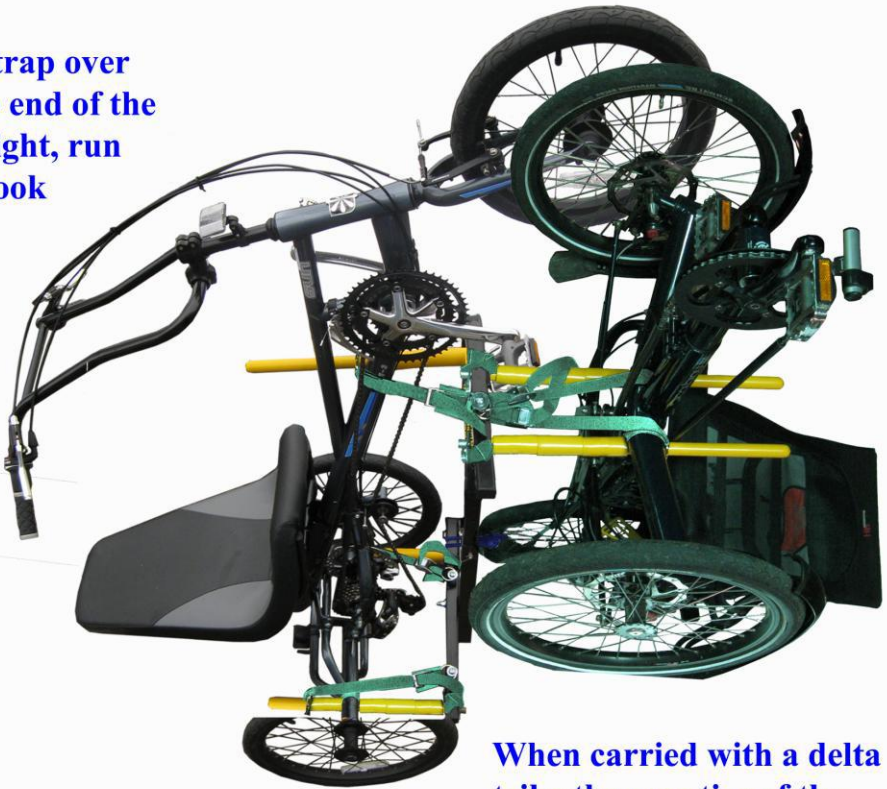
After the carrier is set up with the desired number of spacers and the buckle is attached to the strap as shown, the carrier is ready to load.

The cinch is quick and easy to use. Load the trike or bike, run the strap over the frame, slide the ring over the end of the pin to the frame, pull the strap tight, run the strap back over the frame, hook the ring on the short strap with the cambuckle over the ring holder and tighten the strap. Repeat for all cinches. This method of cinching will hold the trike or bike very secure and can be used for other items. The pin must extend at least 2-inches past the last ring and the strap must be tight enough so the last ring or spacer cannot slide off the end of the pin for the item to be secure.



Using the Alpaca Cinch™ with Trikes & Bikes

Load the trike or bike, run the strap over the frame, slide the ring over the end of the pin to the frame, pull the strap tight, run the strap back over the frame, hook the ring on the short strap with the cambuckle over the ring holder and tighten the strap. Repeat with all cinches. This method of cinching can be used for all item.



In the cutaway view on the delta rear tire notice how a spacer is used to prevent the ring from touching paint if necessary.

When carried with a delta trike the rear tire of the tadpole trike is secured to the delta attachment with the adjustable toggle ball provided.



A bike can be carried with a trike. Use a spacer with the adjustable toggle ball to pad the bike and frame.



We prefer to keep the load as aerodynamic as possible. If the bottom of the trike faces the vehicle the fenders become an air scoup and can be damaged.

Warning: This carrier has been designed to carry trikes & bikes on vehicle receiver hitches. User must inspect components for tightness, wear, deformation, cracks or elongation before each use. It is the user's responsibility to attach the carrier correctly to the vehicle, and secure the articles to the carrier. The manufacturer and seller expressly disclaim any and all liability for personal injury, property damage, or loss whether direct, indirect or incidental, resulting from the incorrect attachment, improper use, inadequate maintenance, or neglect of the carrier.

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LIMITED WARRANTY

Alpaca Carriers, Inc. warrants this product to the first consumer to be free from defects in material and workmanship under normal use for a period of twelve (12) months from the date of purchase. Alpaca Carriers, Inc.'s sole responsibility under this warranty is limited to the repair or replacement of any defective part of such product. The cost of such replacement, including labor and parts, but excluding shipping, is the responsibility of Alpaca Carriers, Inc. This warranty is void if this product has been subject to any unauthorized modification, use with any unauthorized attachment, device or feature, accident, neglect, misuse, or any event other than ordinary use. Consumer must provide proof of purchase to validate warranty.

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