



# Deluxe Aluminum Folding Scooter & Wheelchair Carrier

## Instructions for Part # SC500-AF



## General Guidelines

- It is the user's responsibility to read and follow all instructions.
- Keep these instructions with the product at all times and review before each use.
- It is the responsibility of this product's owner to furnish the instructions to any person that borrows or purchases the product.
- Inspect the product before use to ensure it is assembled properly and all parts are in safe working order and free of defects.
- Never modify this product in any way.
- All circumstances cannot be addressed in these instructions. Please use common sense and practice general safety measures when using this product.
- Parts and/or instructions are subject to change without notice.

## Safety

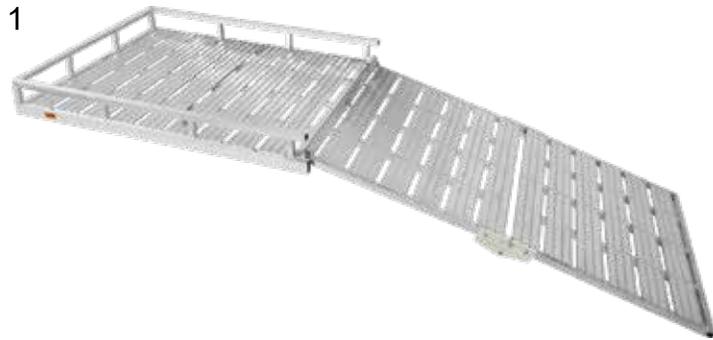
- Follow all warnings and instructions marked on the product.
- Do not occupy the mobility aid while loading the carrier.
- Do not stand on the carrier.
- Never exceed vehicle tongue weight rating.
- The carrying capacity is 500 lbs.
- Hitch adapters may affect the weight capacity of the carrier. If using a hitch adapter, always check its limitations before use.
- Always store the carrier in a safe place.
- Improper use, storage, or installation of the carrier could result in death or serious injury.
- Do not put the product on any kind of trailer.
- NOT recommended for tow-behind trailers including 5th wheel trailers and camping trailers.
- Periodically check nuts and bolts for tightness.

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## Tools Required

- 13mm or 1/2" wrench
- 14mm or 9/16" wrench
- 17mm wrench
- 19mm or 3/4" wrench
- 22mm or 7/8" wrench
- 10mm Allen wrench

# Parts



Part	Description	Quantity
1	Carrier	1
2	Folding Hitch Tube	1
3	Carrier Support Tube	1
4	Support Bracket	2
5	Reflector	2
6	Ramp Lock Plate	1
7	Spring Pull Pin	3
8	M8x20 Support Bracket Bolt	8
9	M8 Support Bracket Nut	8
10	M8x40 Carrier Support Bolt	4
11	Washer	4
12	M8 Carrier Support Nut	4
13	M8x40 Ramp Lock Carriage Bolt	2

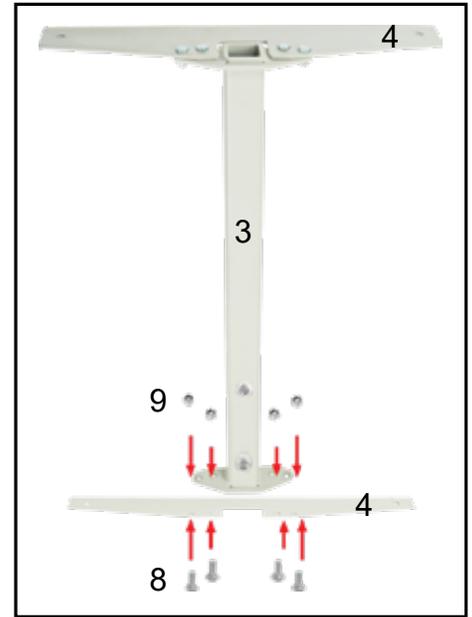
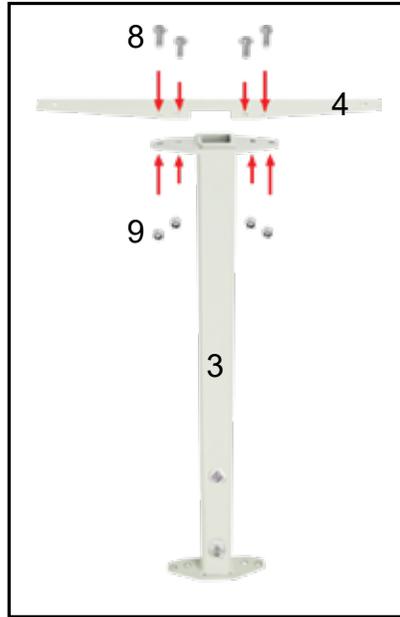
Part	Description	Quantity
14	M8 Ramp Lock Nut	2
15	Ramp Lock Bracket	2
16	M8x70 Eye Bolt	4
17	M8 Eye Bolt Nut	4
18	Eye Bolt Bracket	8
19	M14x30 Bolt with Jam Nut	2
20	Ramp Handle	1
21	Ramp Handle Nut	2
22	3/8\" Pinch Bolt with 5/8\" Sleeve	1
23	Hitch Pin with Clip	1
24	Pull Pin with Clip	2
25	Anti-Tilt Bracket	1

# Assembly

**Step 1.** Assemble the support tube.

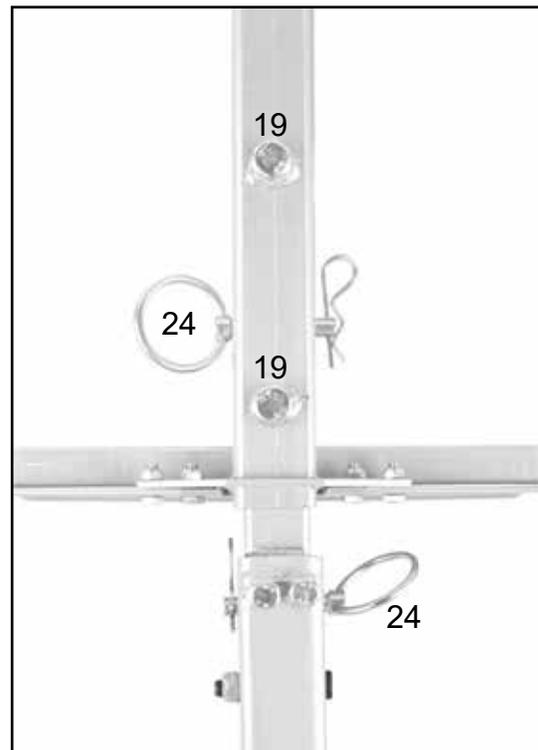
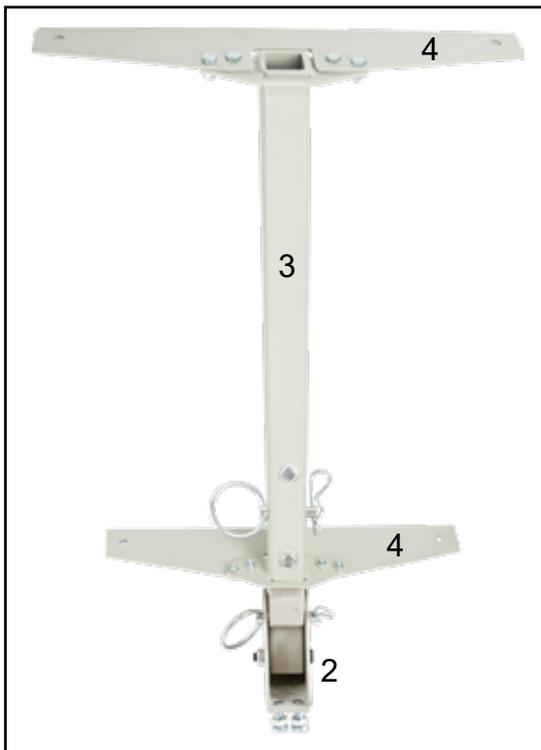
Bolt the support brackets (4) to the carrier tube (3) using the support bracket bolts (8) and nuts (9) using 13mm and 14mm wrenches.

\*Note: Do not tighten bolts until the next step.



Insert the folding hitch tube (2) into the carrier support tube (3), then lock into place with two pull pins (24). Secure the hitch tube to the carrier tube with two bolts with jam nuts (19) using a 22mm wrench.

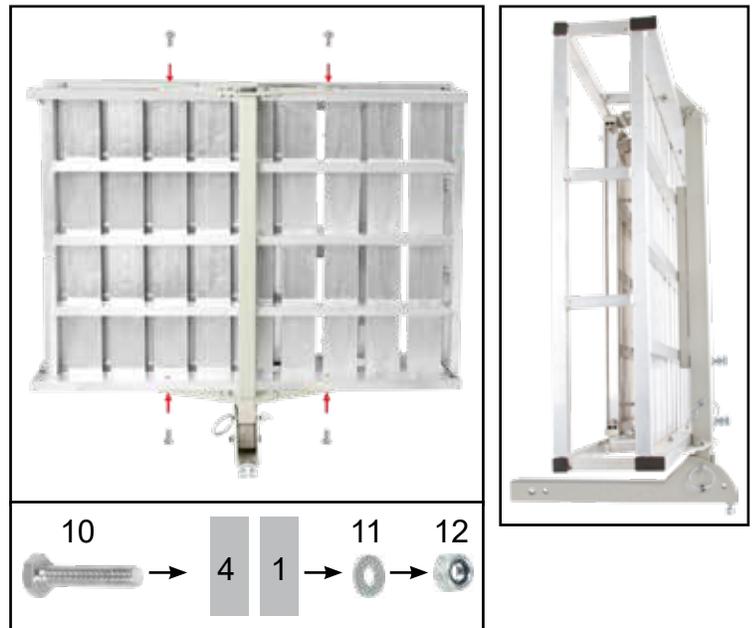
\*Note: To properly tighten the bolts with jam nuts, first thread the jam nut counterclockwise up to the head of the bolt. Fully tighten the bolt into the carrier tube. Then tighten the jam nut clockwise against the carrier tube to secure the bolt.



**Step 2.** Install the completed support tube assembly to the carrier (1) using the carrier support bolts (10), washers (11), and nuts (12).

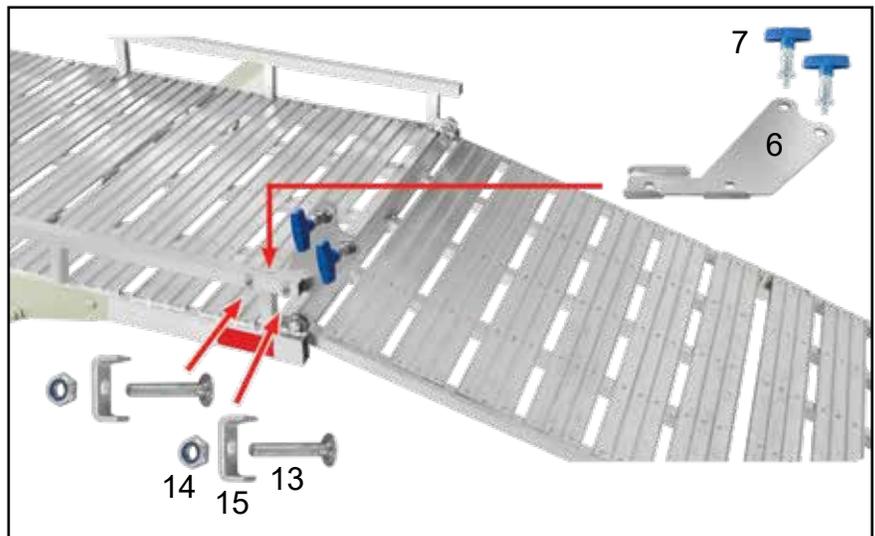
Do not fully tighten bolts during this step. Flip the carrier over and line up the support tube with the center. The tube features a raised section designed to provide additional support to the carrier platform. Be sure this section is closest to the carrier platform when aligning the support tube.

The support brackets must go on the outside of the carrier and will line up with the frame holes for bolt attachment. \*Note: Once all the bolts are in, they can be fully tightened.



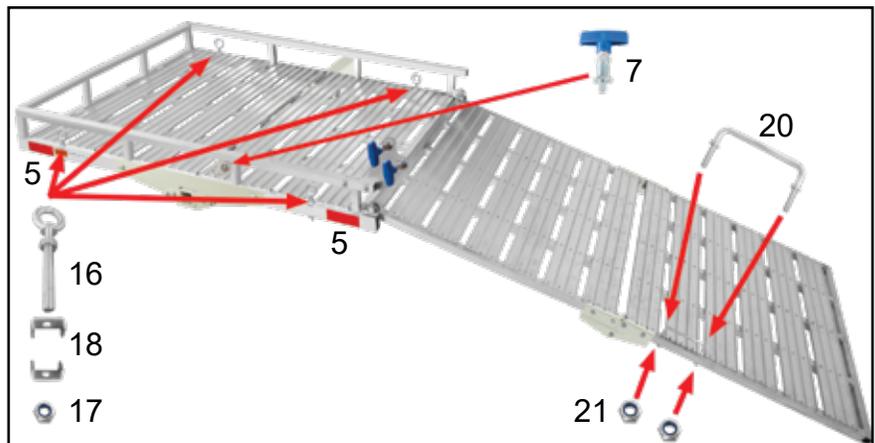
**Step 3.** Attach the ramp lock plate (6) and brackets (15) with bolts (13) and nuts (14) using a 13mm wrench. Install the spring pull pins (7).

The ramp lock plate is designed to hold the loading ramp upright when the carrier is loaded. This plate wraps around the carrier frame and bolts together through the frame. Be sure the bolt heads are on the inside of the frame, allowing clearance for the folding ramp.



**Step 4.** Install the ramp handle (20) in the holes next to the ramp hinge. Secure with nuts (21) using a 13mm wrench. This handle slides in to be tightened down and allows the ramp to be easily folded or unfolded from a single point.

Attach each eye bolt tie-down (16) in the corners of the carrier using brackets (18) and nuts (17). Tighten with a 13mm wrench.



**Step 5.** The reflector stickers (5) can be attached to the front of the carrier. Make sure the surface is clean and dry before applying.

# Folding & Installation

To fold the ramp for travel when loaded, pull the ramp handle up. Lock the ramp in place with the spring pull pins. One spring pull pin should remain between the ramp halves while the other remains on the outside area to prevent it from falling.

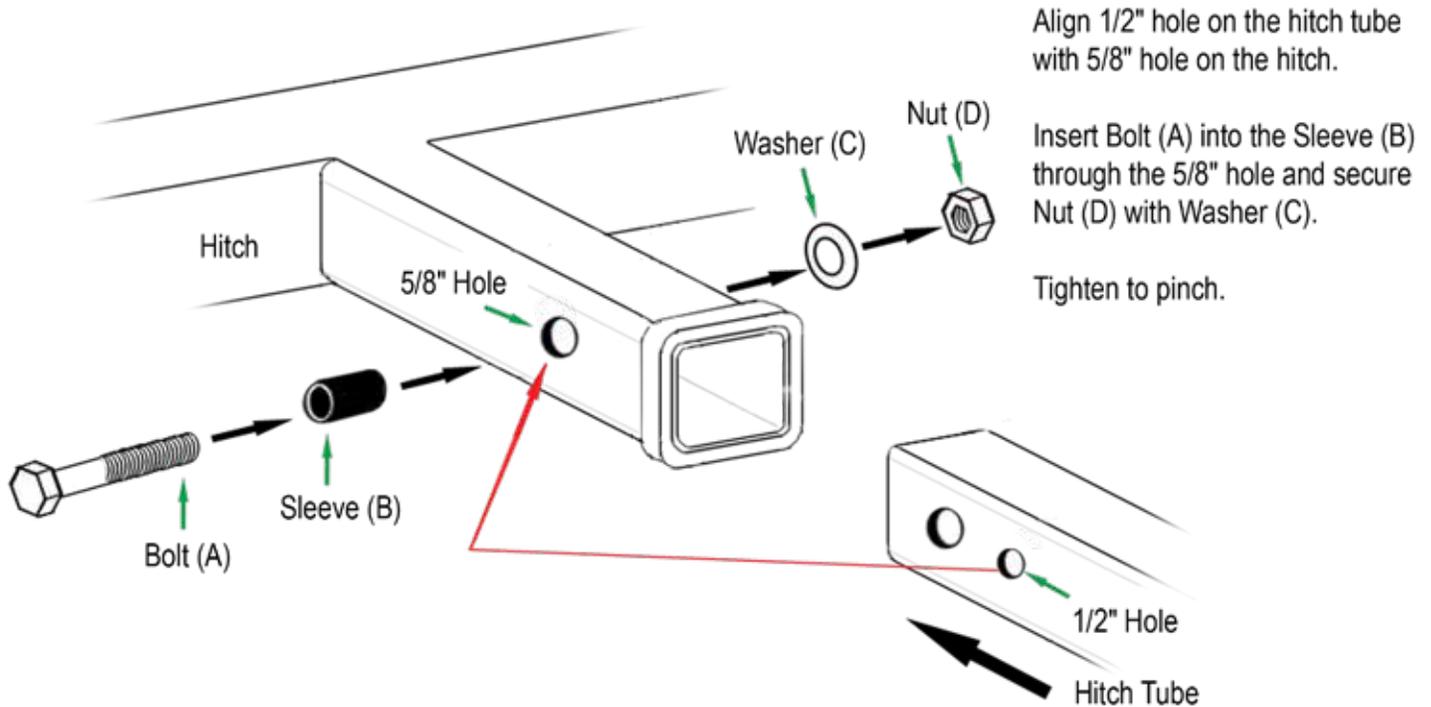


Slide the anti-tilt bracket (25) over the carrier hitch tube with the flat side facing towards the vehicle. Insert the carrier into the trailer hitch, install the hitch pin (23) or pinch bolt (22), then tighten the four anti-tilt bolts evenly with a 17mm wrench. They will pinch the bracket on the collar and hitch, preventing excessive movement of the carrier.



## Optional Pinch Bolt Assembly (Part #22)

Insert the carrier into the hitch and install the pinch bolt assembly.



# Carrier Adjustments

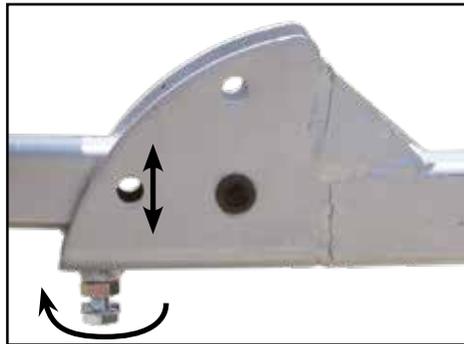
## Pivot Bolt

Tighten the hex head pivot bolt with a 10mm Allen wrench to eliminate side-to-side wobble of the hitch carrier. DO NOT over-tighten. If the bolt is over-tightened, the carrier will not be able to pivot or swing up.



## Leveler Bolt

Adjust the leveler bolt to align pin holes. The pull pin should be able to be removed or installed without binding if properly adjusted. Tighten jam nuts when properly aligned using a 17mm or 11/16" wrench.



## Folding

Remove the pull pin to fold the carrier vertically. Replace the pull pin in the top pin hole to secure the carrier in the vertical position.



When folded vertically, the pull pin and pin clip will hold the carrier in place, which is great for travel or leaving the carrier in the hitch when there is limited room for storage in a garage.



# Using Spring Pins with Anti-Rattle Tension

1. Pull both spring pins out and fold the ramp up to a folding position. After the outer folded ramp section passes the pin, the ramp will be in the upright position. The inner pin stays compressed.



2. Pull the ramp handle towards your body to compress the lower anti-rattle tension springs.



\*Note: For added leverage, pull at the top of the ramps to compress springs



Anti-Rattle Tension Spring

3. The inner spring pin will then release, securing the ramp in place.



4. To release the ramp, pull on the inner pin and pull the ramp handle simultaneously.



# Product Warranty and Liability

**GENERAL PRODUCT WARRANTY:** Products purchased from the Authorized Dealer (original place of purchase) or Merchant (“Dealer”) will be free of defects in material and workmanship at the time of receipt, and will meet the specifications stated at the place of purchase transaction or online at the Dealer’s website, under normal use and service when correctly installed, operated and maintained. This product warranty is effective for the period of time stated below, unless otherwise stated in the product instructions or depicted in the product advertisement. **All Authorized Dealer warranties are NON-TRANSFERABLE** and cover only the original end purchaser. This limited warranty does not cover products purchased through non-authorized dealers. Non-authorized dealer receipts are not accepted for warranty verification.

**\*\*\*Warranty claims must be made directly to the original place of purchase.\*\*\***

**WARRANTY PERIOD:** This warranty remains in force for one year from the date of the product’s accepted delivery. The Authorized Dealer offers a one year manufacturer’s warranty for most products unless otherwise specified on the product advertisement.

**WARRANTY SERVICE:** The Authorized Dealer will replace any defective or malfunctioning part at no charge, including payment of the shipping costs of parts or replacement product to and from the manufacturer. The purchaser is responsible for labor charges. If the product does not meet specifications as depicted in the advertisement, the Authorized Dealer will refund the full purchase price of the product.

Questions regarding the warranty on a specific product and warranty claims should be directed to the Authorized Dealer with whom the purchase transaction was made.

**WARRANTY LIMITATIONS:** The above warranty does not apply to products that are repaired, modified or altered by any party other than the Authorized Dealer; are subjected to unusual physical stress or conditions (such as overloaded ramps or corrosion), natural disaster, governmental actions, wars, strikes, labor disputes, riots, theft, vandalism, terrorism or any reason beyond reasonable control; are damaged due to improper installation, misuse, abuse, accident or negligence in use, storage, transportation or handling, or tampering; or to products that are considered consumable items or items requiring repair or replacement due to normal wear and tear.

Product should be inspected prior to signing for delivery. Product damage incurred during shipping, unless noted on the Bill of Lading at the time of delivery, renders this warranty void.

**LIMITED LIABILITY:** In no event shall THE AUTHORIZED DEALER be liable to the purchaser or any third party for any indirect, incidental, consequential, special, exemplary or punitive damages arising out of the use of the product, including, without limitation, property damage, loss of value of the product or any third party products that are used in or with the product, or loss of use of the product or any third party products that are used in or with the product.

