



How to assemble your Compass Cart and Rack System

Carefully lay out each part from packaging.



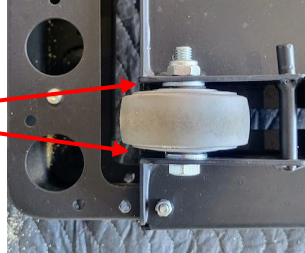
Parts included

Qty	Cart Parts
1	Cart basket
2	Wheel arms – One for left and right.
2	Bushings for wheel arms
1	Aluminum Round Bar
1	Handle
2	20" Aluminum spoke wheels
2	3-inch Wheels included bolts, nuts and washers (packaged together)
2	Linchpins (use with wheels)
2	M8*50 Knob Bolts
2	Nylon Washers (use with knob bolts)
2	M10*55 Bolt with Lock Nut (use with handle)
2	M6*35 Bolt with Lock Nut (use with round bar to secure arms)



Qty	Rack Parts
1	Rack Frame with HDPE slides
1	Receiver hitch coupler
1	2" square tube rack support
1	U-Bracket
4	M10*60 bolts (use with U-Bracket)
2	M10*75 bolts for 2" square tube rack support
2	Taillight mount brackets with bolts (Option to install)
2	Hitch Pin with Cotter Pins
1	Bolt M16*85 with lock nut

Cart Assembly



Step 1

<p>With the basket upside down, install 3-inch wheels on rear of basket. Nylon washers go between wheel and cart.</p> <p><i>Note: Do not over tighten so wheels roll freely.</i></p>		
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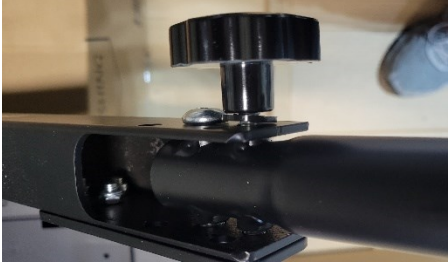
Step 2

<p>Wheel arm round bar install</p> <ol style="list-style-type: none">1. Install sleeve bushings on the cart2. Slide round bar through the bushings		
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Step 3

<p>Rotate basket upright with the slides down.</p>	
<p>Slide right and left arm onto round bar. Wheel spindles face away from the basket.</p> <p>Keep the wheel lock latch above the locking bars.</p>	
<p>M6*35 Bolt with Lock Nut installs through both the arm and the round rod.</p>	

Step 4

<p>Use M10*55 bolt and lock nut to attach handle to wheel arms.</p>		
<p>M8*50 knob bolt screw into threaded plate on the inside of the handle to secure handle position.</p> <p>Note: There are multiple positions for both use and travel positions.</p>		

Step 5


<p>Install 20" wheels using linchpins.</p> <p>Optional – A bolt with lock nut could be used to secure and reduce noise. 10mm is a good size (not provided)</p>		
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Rack Assembly

Step 1

Place the rack with the HDPE plastic glides face down on a table.

Attach square tube using 2 xx bolts.

Note: 2 sets of holes  in the rack allow the rack to mount farther from the bumper if needed. Recommended to assemble per the photo.



Step 2

Attach coupler

Loosen anti-rattle bolts on side and top of coupler.



Attache receiver hitch hinging coupler to the 2x2 tube using M16*85 with Lock Nut and Curved pin with Cotter Pin








Step 3

<p>Tighten anti-rattle bolts.</p> <p>(Note: to rotate the rack on the vehicle the anti-rattle bolts need to be loosened.)</p>	 A close-up photograph of a black metal bracket. It features a white, circular adjustment knob in the center. Two bolts are visible on the left side of the bracket, used for securing it to a surface.
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<p>Optional Light Kit Brackets</p>	 A photograph showing two black, L-shaped brackets and four screws. The brackets are positioned vertically, and the screws are laid out horizontally between them. The items are resting on a light-colored, textured surface.	
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Loading the Cart and setting alignment between the Cart and Rack.

Install the rack on a vehicle	Use Tips	Video
<p>See video attached how to load the cart on the rack.</p>		<p>https://youtu.be/rKaN9Kghd4M</p> 
<p>Align the slides of the cart and the rack.</p> <p>Pro Tip:</p> <p>Keep the front of the cart high so you can see and feel the alignment of the cart and rack slides.</p> <p>Use leverage to load the cart on the rack.</p>		
<p>Slide cart on the rack until the wheel near the bumper almost hits the rack</p>		
<p>Pull wheel lock lever in the front of the basket to release wheels and push down on the cart handle</p>		

<p>Once the handle is down, release the wheel lock lever so it locks the wheels in the haul or up position.</p>		
<p>Slide cart on to the rack and adjust the U-Bracket so the locking pin slides easily between through both the U-Bracket and front of Cart.</p> <p>Note: Adjust vertically as needed to align with rack</p>		
<p>Insert D-ring to secure Cart to the Rack.</p> <p>Important: Securely tighten bolts on the rack and the cart</p>		
<p>Test... Remove D-ring pin, slide cart back and forth. Reinsert D-ring pin</p>		

Receiver Hitch Clamp (Anti-Rattle Stabilizer)

Hitch Clamp U-bolt is included to reduce movement and rattles while on vehicles. Must be used with bike rack (not included) or with heavy loads. Its highly recommend with each use.

