

MODEL HRT-230 2in RECEIVER TRAY RACK**OWNER'S MANUAL SHOULD BE KEPT FOR FUTURE REFERENCE**

1. Completely read and understand Owner's Manual before assembling or operating this product.
2. This product should be assembled by an adult.

**WARNING:**

Bicycle or rack falling in road can cause serious accidents resulting in bodily injury – do not use rack on any vehicle on which it can't be properly mounted as described in this instruction sheet.

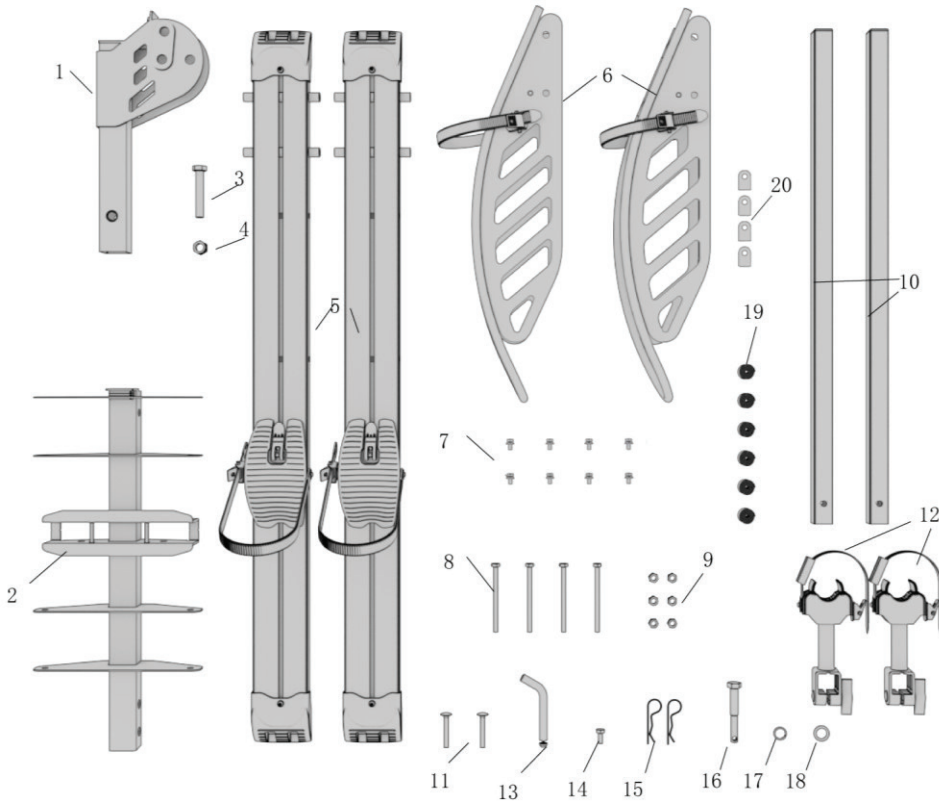
- Rack should only be used on vehicles with Class III, IV or V 2" receiver hitches.
- Never used on a trailer, fifth wheel, or RV, or the front of a vehicle.
- Only carry bicycles with 20" to 29" diameter wheels, and tires up to 5" wide.
- For bicycle tires less than 2.5 inches wide, please refer to page 6 for additional instructions.
- Max. allowable bicycle weight: 100 LB per bike; Max. rack capacity: 200 LB.
- Never carry more than two bicycles. Car tail lights and license plate must remain visible.
- Bicycles must be securely tied to rack using wheel and frame tie-downs, add additional straps as needed.
- Check periodically during use that all bolts and knobs are tight and that bicycles are secure.
- Drive conservatively, especially over bumps. Never use off road.
- Never use rack if any parts are damaged or worn. Contact www.jbi.bike for replacement parts.
- Never stand on rack or sit on the bicycles while on the rack.
- If using rack for only one bike, load it in position closest to vehicle.

**CAUTION:**

Use HRT-230 only in accordance with local motor vehicle and traffic regulations

- INSTALL RACK AND LOAD BICYCLE ONLY AT A SAFE DISTANCE AWAY FROM MOVING TRAFFIC.
- MAKE SURE THAT ALL OF RACK AND BICYCLE IS POSITIONED AT A SAFE DISTANCE FROM ROAD AND HOT EXHAUST.
- ONLY OPERATE VEHICLE WITH RACK IN VERTICAL POSITION (PAGE 5, FIG. 4) OR IN THE IN-USE POSITION, (PAGE 5, FIG.1)
- BICYCLES SHOULD NEVER EXTEND BEYOND THE SIDE MIRRORS OF VEHICLE DURING TRANSPORT.
- REMOVE RACK FROM CAR WHEN NOT IN USE.

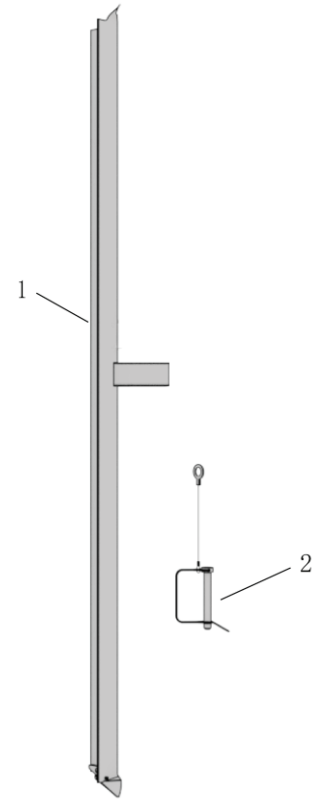
Parts for Bike Rack



Parts list for Bike Rack

Part#	Description	Qty
1	Rotating Group	1
2	Bottom Fixing Bracket	1
3	M16*85 Outer Hexagon Bolt	1
4	M16 Lock Nut	1
5	Beam Assembly	2
6	Front Wheel Holder	2
7	M10*25 Outer Hex Bolt Kit	8
8	M10*120 Outer Hexagon Bolt	4
9	M10 Lock Nut	6
10	Middle Support Tube	2
11	M10*65 Bolt	2
12	Connecting Block	2
13	16 Ben Pin	1
14	M10 Short Hexagon Bolts	1
15	3.8 Pin	2
16	M16 Shockproof Bolt	1
17	16 Spring Washer	1
18	16 Flat Washer	1
19	Velcro	6
20	Semi circle Plate	4

Parts for Ramp



Parts list for Ramp

Part#	Description	Qty
1	Ramp	1
2	Quick-release pin	1

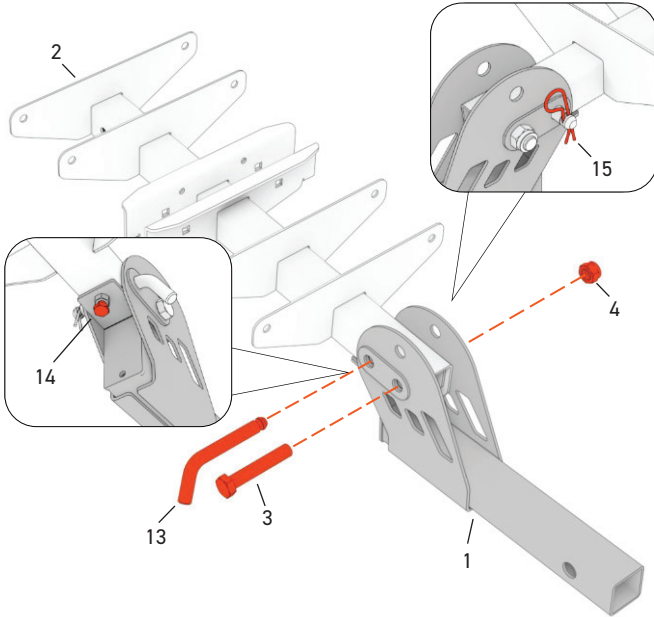
Required Tools (Not Included)

Name	Imperial	Metric
Adjustable Wrench	12"	300mm
Combination Wrench	7/16"	11mm
Combination Wrench	11/16"	17mm



ASSEMBLY INSTRUCTION

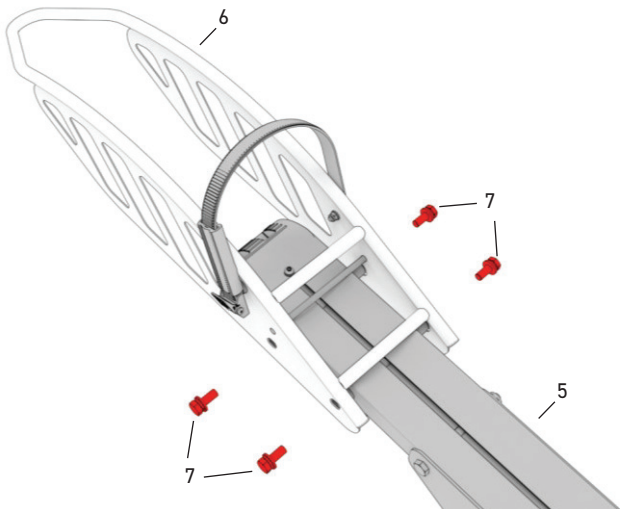
STEP 1:



Align the **Bottom Fixing Bracket(2)** with the hole of the **Rotating Group (1)**, insert the **M16*85 Outer Hexagon Bolt (3)** into the hole at the bottom, and then screw on the **M16 Lock Nut (4)**. Insert the **16 Bent Pin(13)** and the **3.8 Pin (15)** at the same time, and use the **M10 Short Hexagon Bolts (14)** to screw into the **Bottom Fixing Bracket (2)** as shown in the figure to eliminate the gap between the **Bottom Fixing Bracket (2)** and the **Rotating Group(1)**.

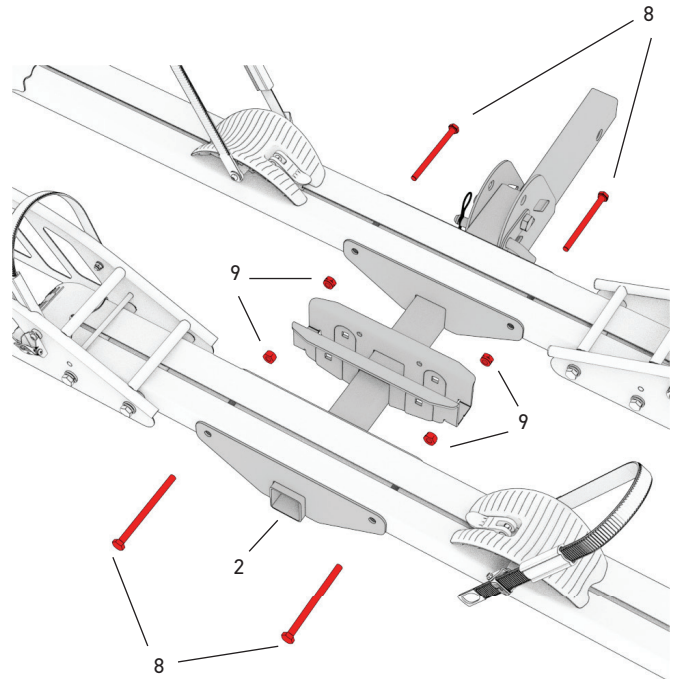
Note: Do not overtighten the bolts to prevent the **Bottom Fixing Bracket (2)** and the **Rotating Group (1)** components from rotating easily.

STEP 2:



Align the holes from the **Front Wheel Holder (6)** and the **Beam Assembly (5)**. Then fix them with the **M10*25 Outer Hex Bolt Kit (7)**.

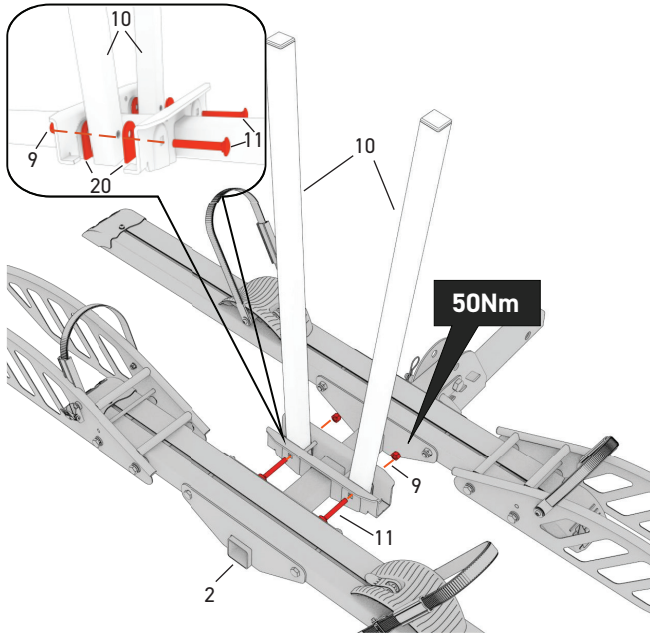
STEP 3:



Place the components assembled in steps 2 above into the **Bottom Fixing Bracket (2)**, align the holes, install 4pcs **M10*120 Outer Hexagon Bolt (8)** and 4pcs **M10 Lock Nut (9)**, and tighten the bolts.

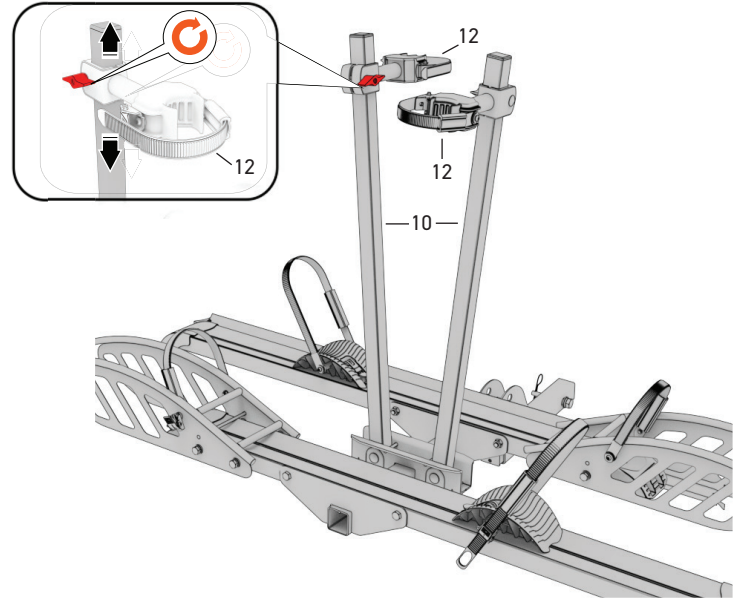
ASSEMBLY INSTRUCTION (CONT.)

STEP 4:



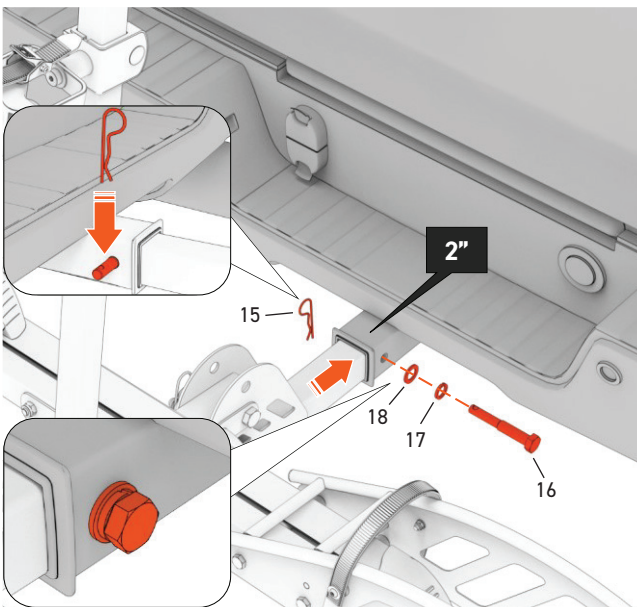
Insert the **Middle Support Tube (10)** into the base of the **Bottom Fixing Bracket (2)**, place the **Semicircle Plate (20)** on both sides of **Middle Support Tube (10)**, then fix them with the **M10*65 Bolt (11)** and the **M10 Lock Nut (9)**.

STEP 5:

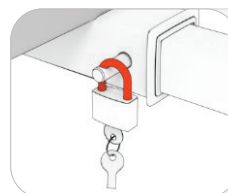


Install the adjustable **Connecting Block (12)** to the **Middle Support Tube (10)**, then tighten the knob from the **Connecting Block (12)**.

STEP 6:

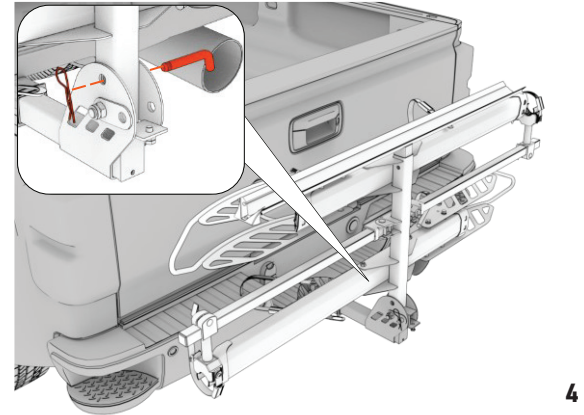
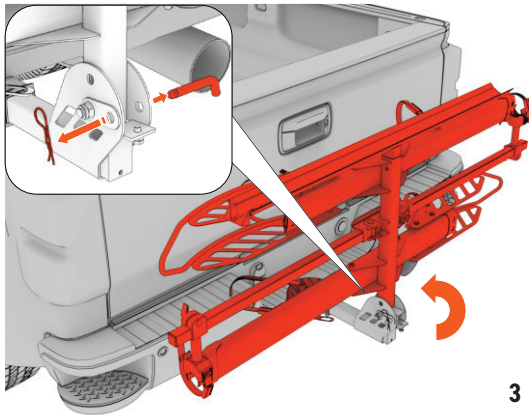
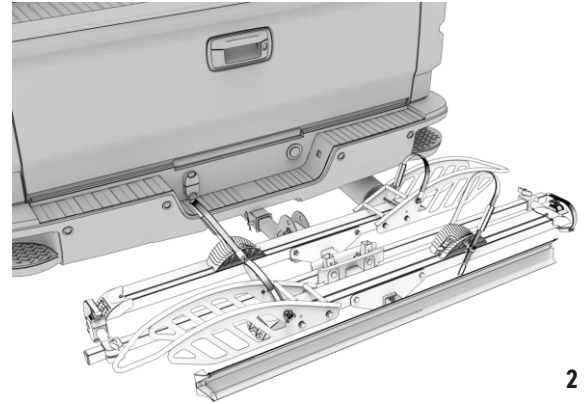
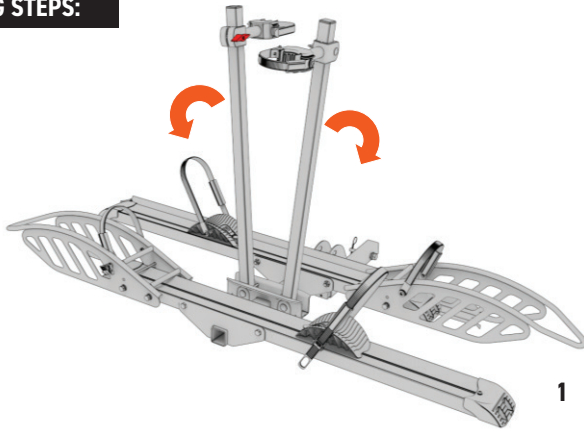


Align the holes of the folding tube with the holes on the vehicle's **2" hitch receiver**, then connect the two parts as shown below. Place an **M16 Shockproof Bolt (16)**, through the **16 Spring Washer (17)**, **16 Flat Washer (18)** and the aligned holes. Screw the bolt in place by Adjustable Wrench (Not included) and secure it with the **3.8 pin (15)**, making sure to place the pin through the holes on the bolt.



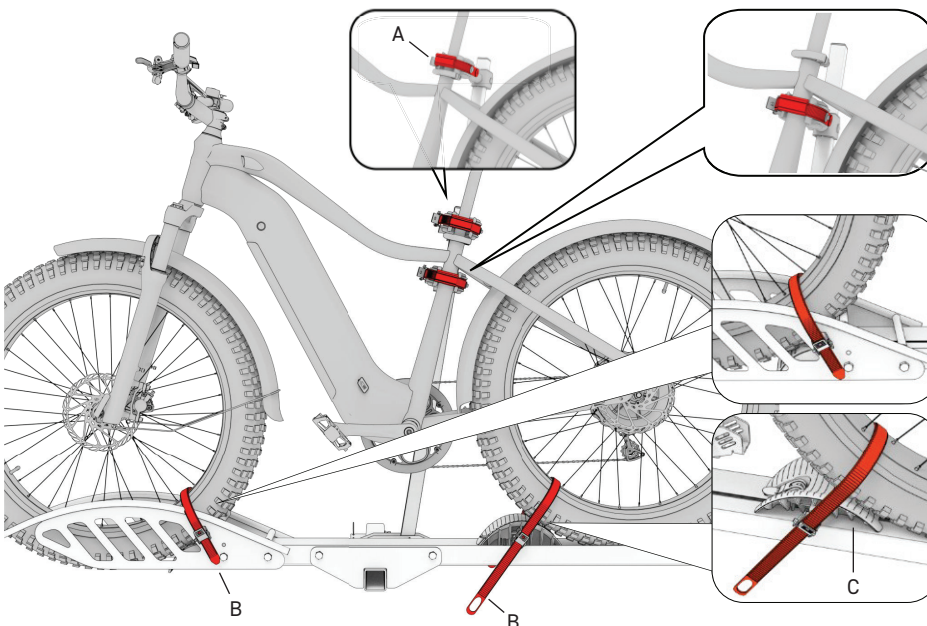
- ❗ The diameter for a beam lock should be less than 7mm.
- ❗ The lock is not included.

FOLDING STEPS:



BIKE INSTALLATION INSTRUCTIONS

- ❗ Snap the front tire of the ebike into the front wheel holder, place the rear tire in the beam, and then use the ratchet wheel straps to fix the front wheel, rear wheel, and seat/middle tube of the bike as shown in the figure below.
- ❗ Please place one bike on the side which is close to the vehicle first, and install the Connecting Block (12) after the bike is fixed.
- ❗ It's generally recommended that using the ratchet frame strap (A) to fix the seat/middle tube. Please DO NOT strap the locations outside the designated seat/middle tube.



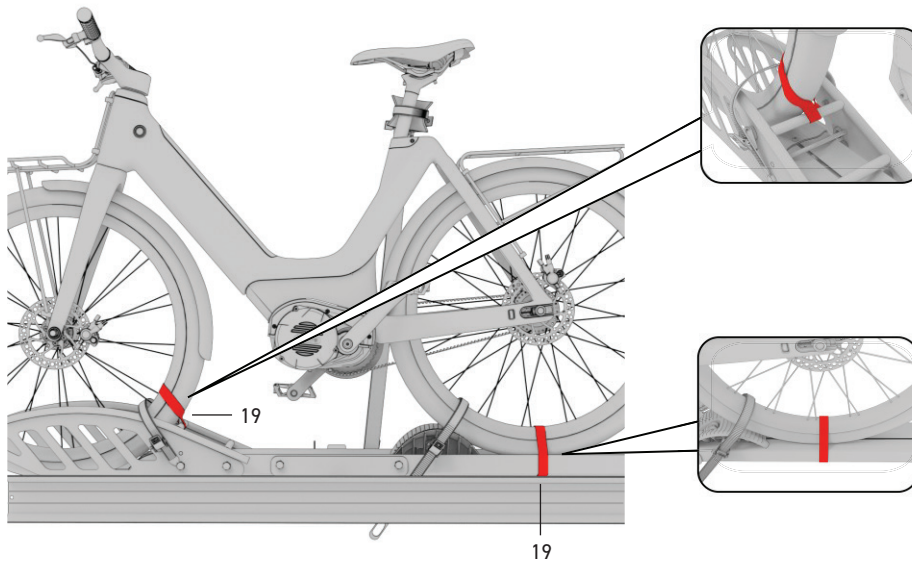
Note: Use the ratchet frame strap (A) to fix and tighten the seat/middle tube of the bike. Buyer should take full responsibility if any damage is caused by the lack of securing the seat tube well and being clamped in a location other than the seat/middle tube.

Note: Use the ratchet wheel strap (B) to fix and tighten the front wheel of the bike.

Note: The rear wheel cradle (C) needs to be placed in front of the rear wheel.

Bike installation instructions (tire width <2.5")

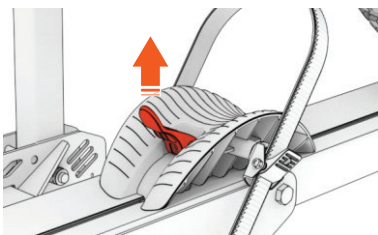
- ❗ If your tire width is less than 2.5", please use velcros to fasten the front and rear tires.
- ❗ Only 4pcs of Velcro(19) are required to fix the tires, the rest are for spare. Please keep the fixing method of velcro the same for the bike on the other side.



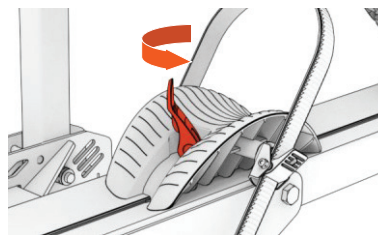
Note: The velcro fixes the front tire as illustrated

Note: The velcro fixes the rear tire as illustrated

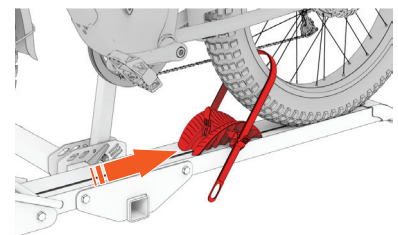
How to Adjust the Rear Wheel Cradle



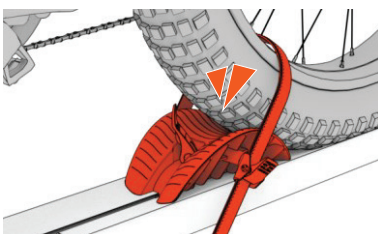
1. Pull the cam gear



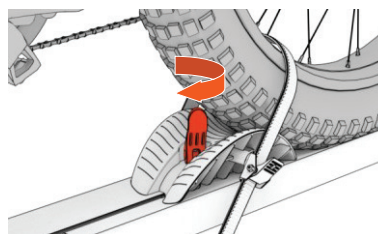
2. Turn in counterclockwise



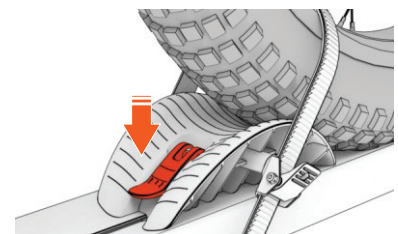
3. Slide it



4. Until it is against the tire

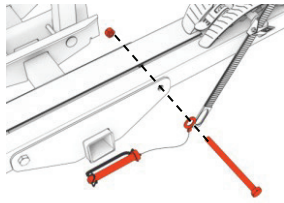


5. Fix by turning clockwise

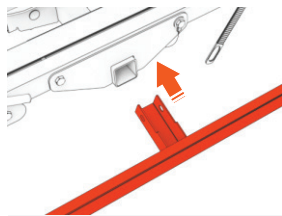


6. Press lever down to lock

How to use the Ramp



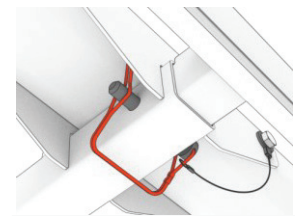
1. Fix the quick release teather to the rack



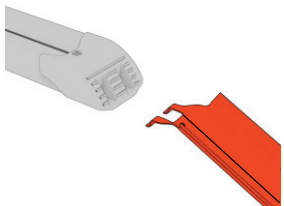
2. Insert the ramp



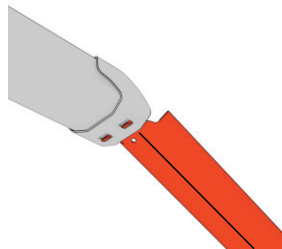
3. Insert the quick-release pin



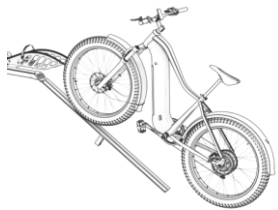
4. Lock the quick-release pin



5. Confirm the direction of ramp

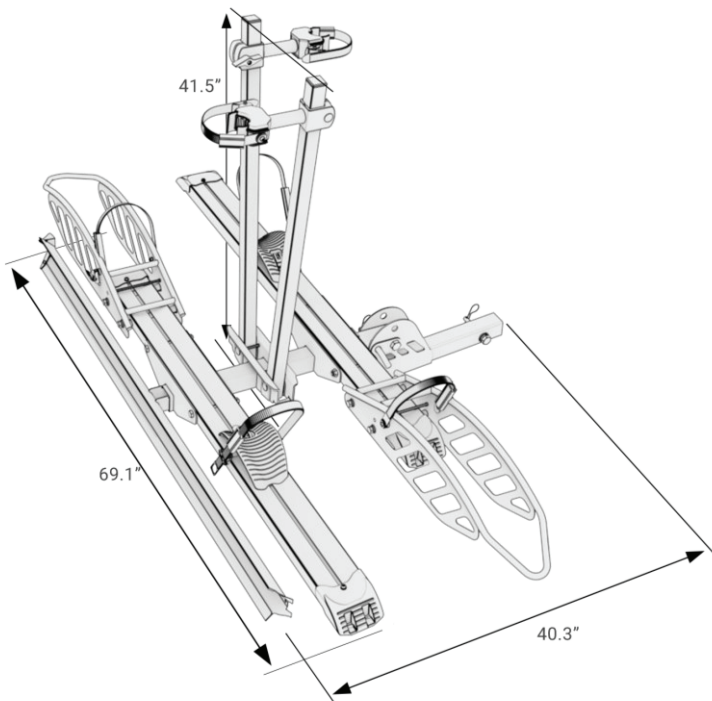


6. Insert the ramp to the bike rack



7. Push the bike up along the ramp

Dimension



Technical Specifications

- Maximum Load: Bikes under 200LBS
- Maximum bike wheelbase 50"
- Applicable Types of Bikes: Electric Bike/Regular Bike
- Not intended for use with mopeds, motorcycles or 3 wheels bikes
- Applicable for tires width up ton 5", extra velcros (included) need to be applied for tires less than 2.5"

Model Name	HRT-230 2in Receiver Tray Rack
Description	2" Hitch 2-Bike Rack with Ramp
Material	Aluminum & Steel
Maximum Weight Capacity	200lbs
Applicable Vehicles	Vehicles with 2" receiver
Package Size	54.6x18.6x8.7in
Package Weight	79.4lbs

SUNLITE LIFETIME WARRANTY:

IF A SUNLITE TRIKE RACK IS FOUND TO HAVE A DEFECT IN WORKMANSHIP OR MATERIAL OVER THE LIFETIME OF THE ORIGINAL PURCHASE, SUNLITE WILL REPAIR OR REPLACE THE RACK FREE OF CHARGE. THE WARRANTY DOES NOT COVER DAMAGE OR WEAR WHICH OCCURS AS A RESULT OF DAY TO DAY USE OR GENERAL WEAR AND TEAR.

The power that moves you



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