

# All-Star

## 2 Bike Tray Rack

Assembly Instructions

2 bikes



178S



Please read instruction manual before installing your product.

For use with receiver hitches Class II or higher.



1-BIKE  
MAX

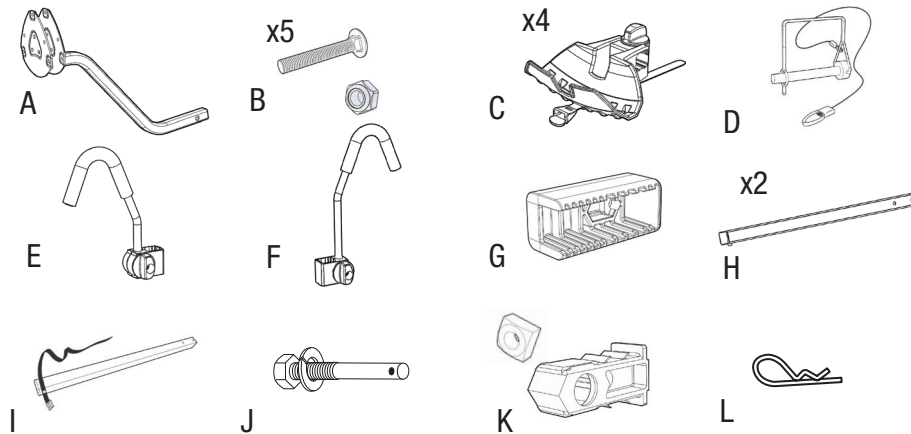
Max = 45 lbs | 20 kg



2-BIKE  
MAX

Max = 90 lbs | 40 kg

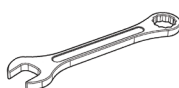
### Parts Included



Tools Needed:

3/4 inch wrench

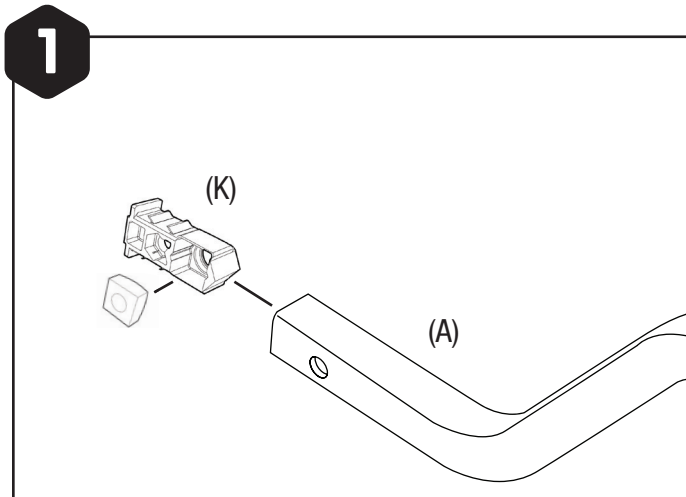
1/2 inch wrench



Rack = 21 lbs | 9.5 kg



# Pre Installation

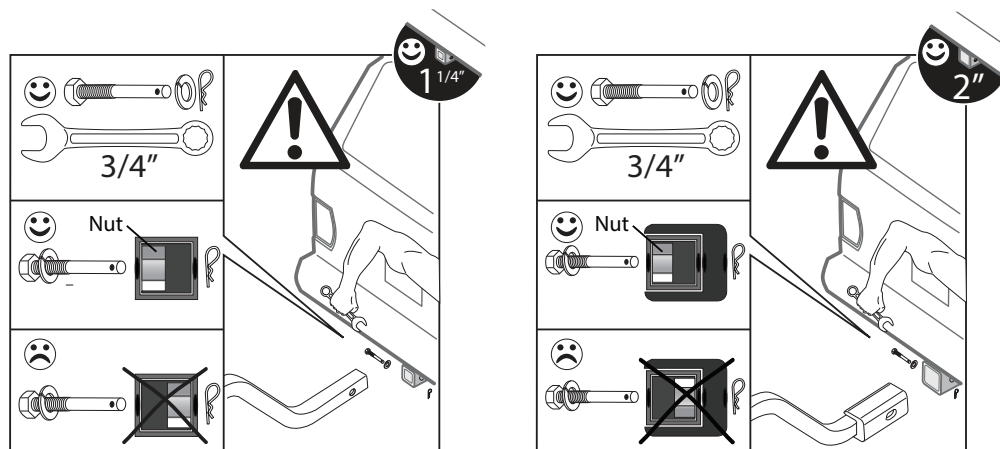


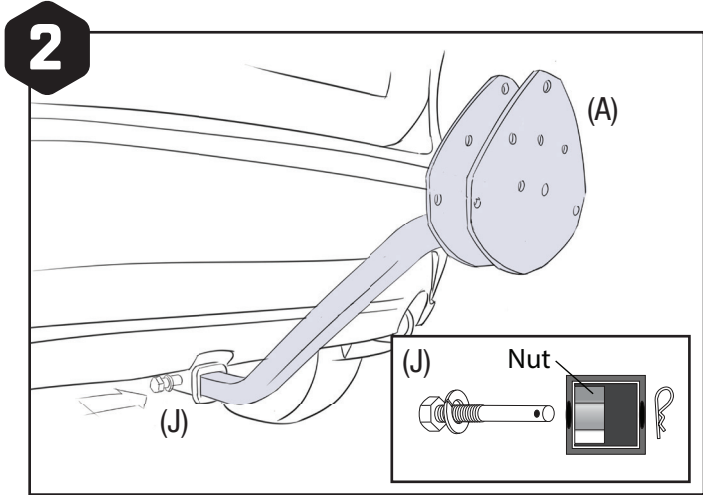
Place hitchhite(K) into the receiver(A). Line up the hitchhite nut with hole in receiver.

# Assembly & Installation

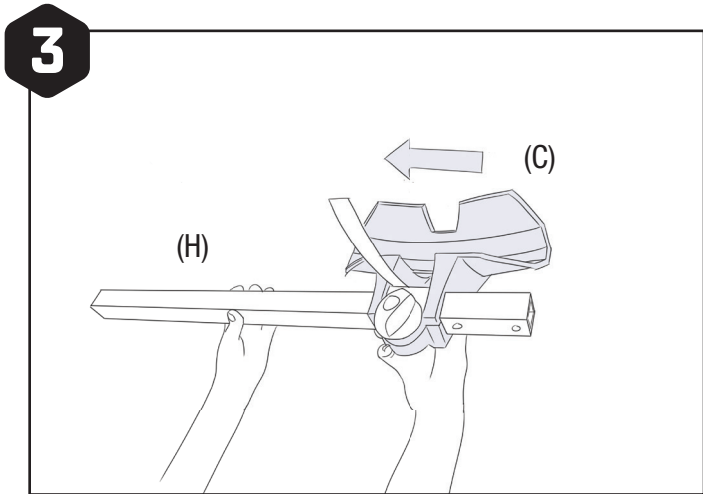
Tip: For easier assembly insert receiver into hitch. However, assembly can be completed prior to installation.

Determine whether your hitch is 1.25" or 2". If 2", you must use the adapter block to allow your rack to fit into a 2" receiver hitch. Slide adapter block over the receiver tube as shown below. Note correct block placement. Bolt threads will not engage if used incorrectly.

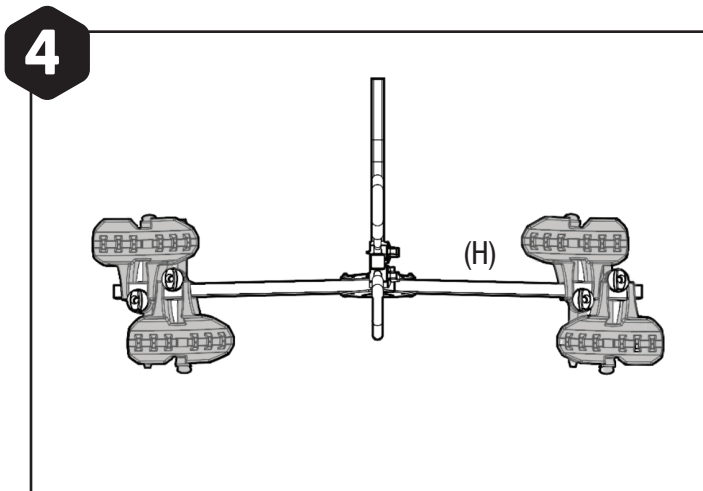




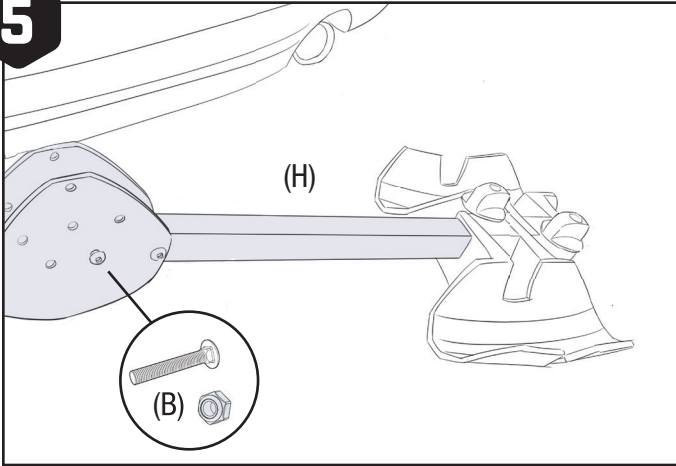
Place receiver(A) in hitch and tighten bolt(J) and washer to vehicle. Secure with clevis pin(L).



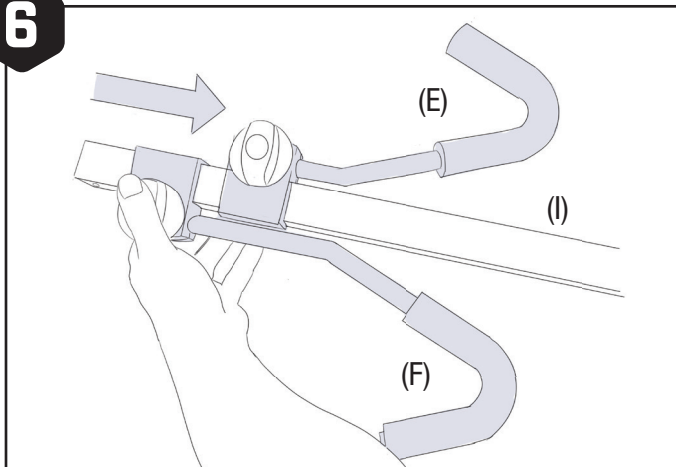
Hold horizontal bar(H) so holes face you and the set screw faces down. Slide wheel trays(C) onto the horizontal bar(H), from center (side with holes) outward. Trays face opposite directions, with first wheel tray oriented so knob faces you.



Repeat with 2nd horizontal bar(H).

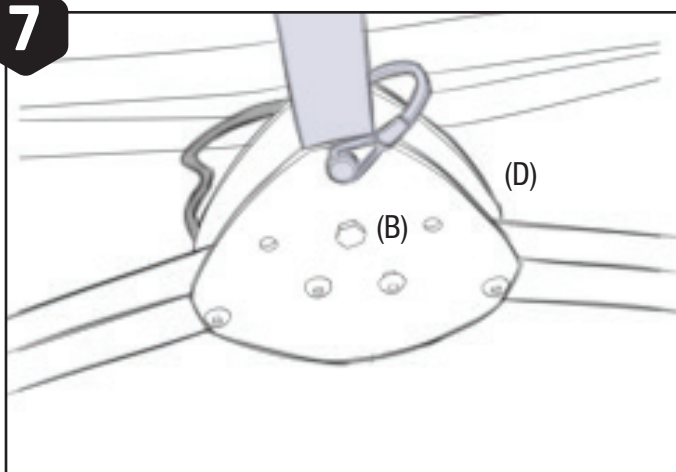
**5**

Place first horizontal bar between the receiver plates, lining up holes. Insert carriage bolts(B) into the square holes and secure with the nut. Repeat with second horizontal bar(H).

**6**

Orient vertical mast(I) with buckle strap at top. Slide short hook(E) from bottom to top and repeat with long hook(F). Knobs should be oriented opposite of buckle strap.

Note: For the majority of bike combinations, the short hook is on the outside bike position. However, there may be bike fits that require the hooks to be reversed.

**7**

Place vertical mast into the receiver plate, lining up holes. Insert carriage bolt(B) into lower hole, place lanyard loop(D) around bolt and secure with washer and nut. Insert pin with cage(D) into the upper hole.

# Bike Loading

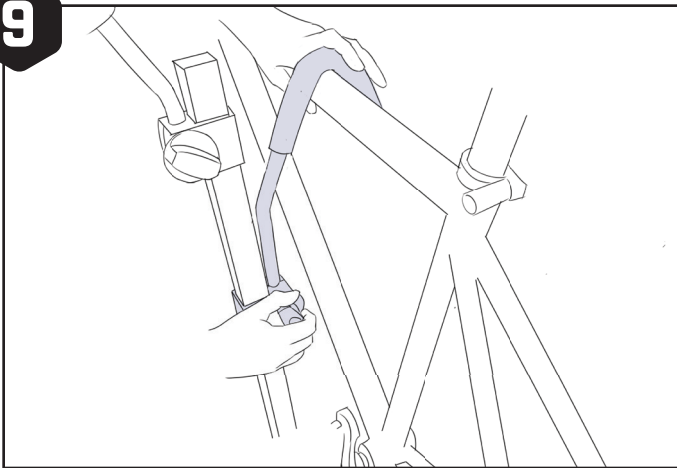
8



Adjust trays to fit the placement of bike(s) so that the bike(s) sits completely within the trays. Tighten knobs.

Note: Place heavier bike in the position closest to the vehicle. Bikes should face opposite directions.

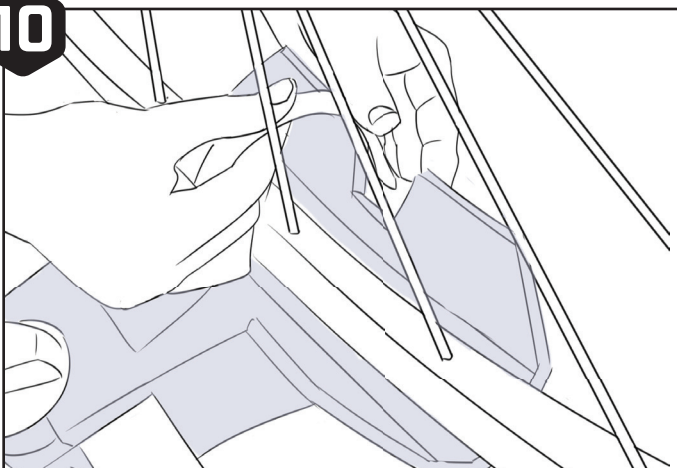
9



Loosen knob to push the longer hook onto bike. Ensure the hook arm is fully engaged onto cross tube of the bike. Tighten knob.

Note: For the majority of bike combinations, the short hook is on the outside bike position. However, there may be bike fits that require the hooks to be reversed.

10



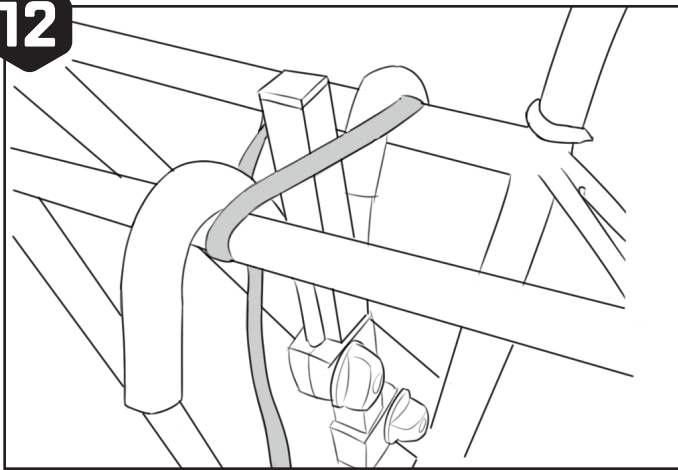
Secure bike(s) wheels using wheel straps.

11



Install outer bike in the same manner.

12



Wrap buckle strap around the top tube of the bike(s) and secure the strap in the buckle.

## Technical Specifications

Bike carrier weight: 21lbs / 9.5kg

Permitted load capacity - 2 bikes: 90lbs/40kgs

Max bike weight: 45 lbs/20kg each

## CAUTIONS:

- Read and follow instructions carefully. Save owner's manual for future reference or parts information. Ensure that any other users of the bicycle carrier are familiar with their content.
- It's the end users responsibility to ensure that use of this product meets all local and state laws.
- When cleaning vehicle and rack, use only water soluble cleaners. Do not take rack through car wash.
- Make sure bike tires are not directly behind exhaust pipe.
- Rack must be installed directly into vehicle hitch receiver. Do not modify the hitch receiver or use hitch extenders.
- Do not mount to any type of trailer or RV including Class B vehicles.
- Prior to usage on the road, remove all loose parts from bicycle, including (but not limited to) child seat, basket, lock, light, pump, etc.
- This carrier is not recommended for off-road use or for use at speed exceeding 70 mph (113 km/h).
- The handling characteristics of a vehicle will change when a rear bicycle carrier is fitted and especially when it is loaded (in particular crosswind sensitivity, handling on bends and braking). Driving techniques should be altered to allow for these changes. Reduce speed, especially on bends and allow for longer braking distances.
- The vehicle's total length increases when the bike carrier is attached. The bikes themselves may increase the vehicle's total width and height. Take care when reversing and/or entering garages or ferries, etc.
- Remove carrier from vehicle when not in use.
- This carrier is constructed to carry standard-bike-frames. It is not intended for use with tandem or recumbent bicycles.
- Replace any mounting strap at the first sign of wear. Replacement parts are available from Saris Cycling Group by calling.
- Tighten straps regularly during the journey.
- Vehicle should be in good condition in the area at which the hitch is located.
- Do not exceed maximum load capacity of carrier (90 lbs max or 45lbs max per bike!) Secure properly and adjust for even load distribution, loading the heaviest/biggest bike first and closest to the vehicle.
- Saris Cycling Group absolves itself of responsibility for any personal injuries or consequential damage to property or wealth caused by incorrect fitting or use.

## LIMITATIONS

The foregoing warranties are in lieu of and exclude all other warranties not expressly set forth herein, whether expressed or implied by operation of law or otherwise. Other than as set forth above, SCG makes no warranty, whether express, implied or statutory, with respect to any product, including, but not limited to, warranties of reliability, merchantability fitness for a particular purpose, or those arising from any course of performance, dealing, usage or trade. SCG shall not be liable for incidental or consequential losses, damages or expenses in connection with its products. SCG's liability hereunder is expressly limited to the replacement of goods not complying with this warranty or, at SCG's election, to the repayment of an amount of the purchase price of the product in question. Some states do not permit the exclusion or limitation of implied warranties or incidental or consequential damages, so the preceding limitations and exclusions may not apply to you.

## EXCLUSIONS

- If consumer does not heed cautions listed in Instruction Manual, damage is not covered under warranty
- Impact/collision damage is not covered under warranty
- Cradles and strap damage due to improper arm placement are not covered under warranty
- Carrying anything other than a bicycle is not covered under warranty
- Rust is wear and tear and is preventable with rack maintenance
- Weather impact (UV, salt air/water)

## RECOMMENDED RACK MAINTENANCE

Each use:

- Wipe down trunk rack feet
- Check straps for signs of wear
- Check bike cradles and wheel scoops
- Check for loose bolts

Every 90 days actions

- Clean with water and mild soap
- Lubricate locks if applicable (use wet, oil based lubricant; NO WD-40)
- Grease hitch bolt threads
- Check for scratches in paint