

# DURA RACK INSTRUCTIONS

Models #25863, 25864



- Important** This rack is designed for use with a 2" or 1.25" receiver hitch. The rack is designed to hold a maximum of four bicycles. Do not use it for anything other than carrying bicycles.
- Warning** Check the tightness of bolts and nuts periodically as they may loosen during regular use, especially the hitch receiver bolt if the rack is left attached to the vehicle for extended periods of time.
- Warning** Do not drive with the bike rack in the lowered position.
- Warning** Remove rack from vehicle when driving through automatic car washes.

## PARTS INCLUDED

- (A) Main rack assembly
- (B) Top plate
- (C) Bike rack arms (2)
- (D) Arm straps (12)
- (E) Carriage bolts, lock washers, and lock nuts (4 each)
- (F) Hitch lock with keys
- (G) Hitch bolt with lock washer (5/8" for 2" rack, 1/2" for 1.25" rack)

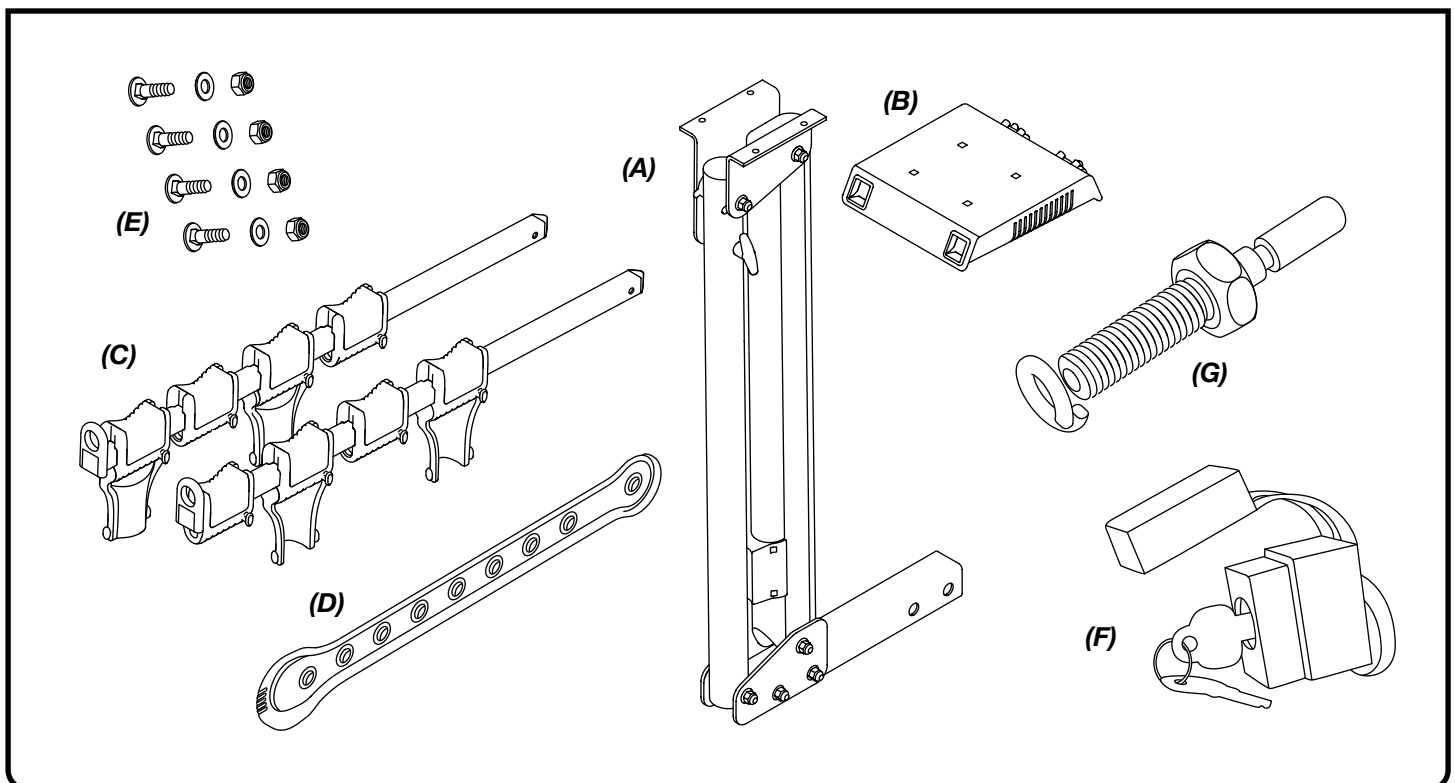
## TOOLS REQUIRED

- 13mm socket with extension
- Adjustable wrench (2)
- Screw driver

### For 1.25" racks only

1.25" hitch bar

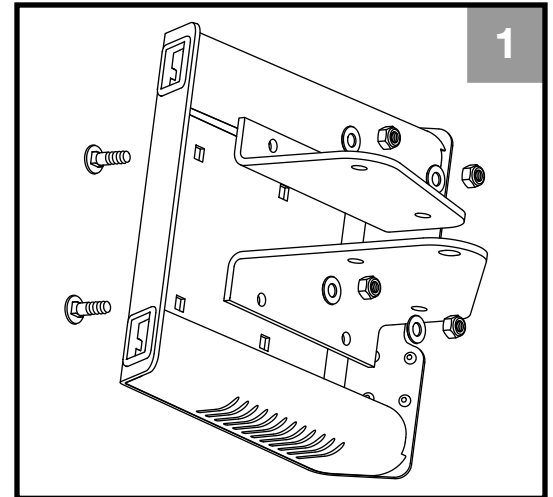
Fasteners for 1.25" hitch - 2 each 10mm bolts, washers and lock nuts



## Assembly Of Rack

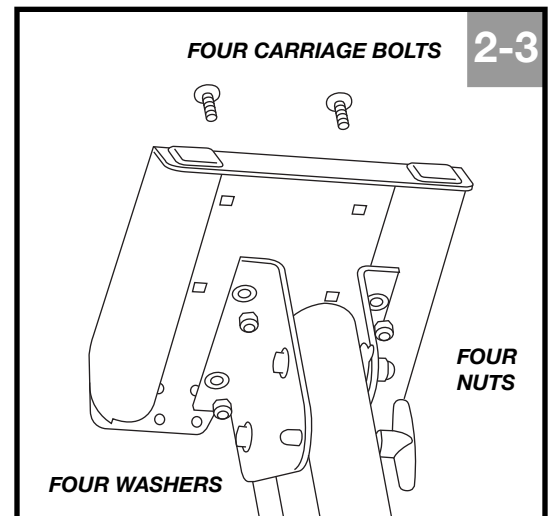
1

Begin assembly of rack by loading the carriage bolts into the 4 holes in the top plate. Place the top plate on the floor, top side down.



2

Position the main rack assembly on the top plate, aligning the mounting holes of the top plate with the holes in the brackets on the main assembly.

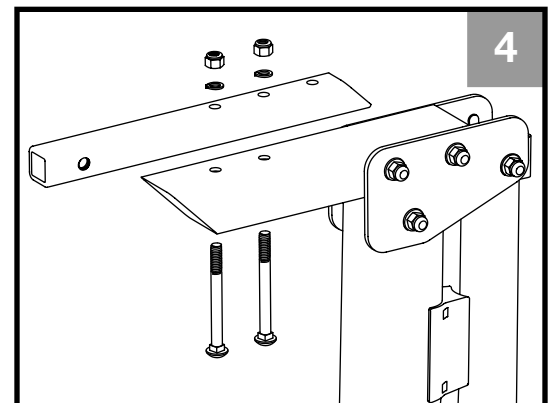


3

Be sure the cable lock can be accessed after the top plate has been secured. Place the washers and lock nuts on the carriage bolts and tighten them to 12 foot pounds.

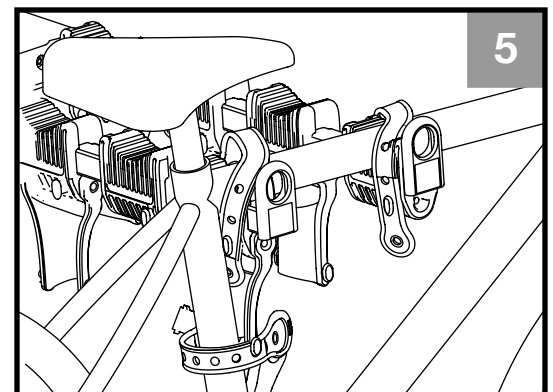
4

If your rack is the 1.25" model you will need to assemble the 1.25" hitch bar. Place the rack on the floor so that the hitch bar is pointing up. Place the 10mm washers on the 10mm bolts. Attach the 1.25" bar to the hitch bar by inserting the 10mm bolts with washers through the hitch bar, then through the 1.25" bar. Secure with the 10mm lock nuts.



5

Place the straps on the bike arms.



## Installation Of The Rack

1

For 2" racks only. Check to make sure that the nut inside the rack hitch bar is aligned with the hole in the hitch bar. Adjust with a screw driver if necessary.

2

Slide the rack into the receiver hitch of the vehicle.

3

Line up the hole in the hitch bar with the hole in the receiver hitch.

4

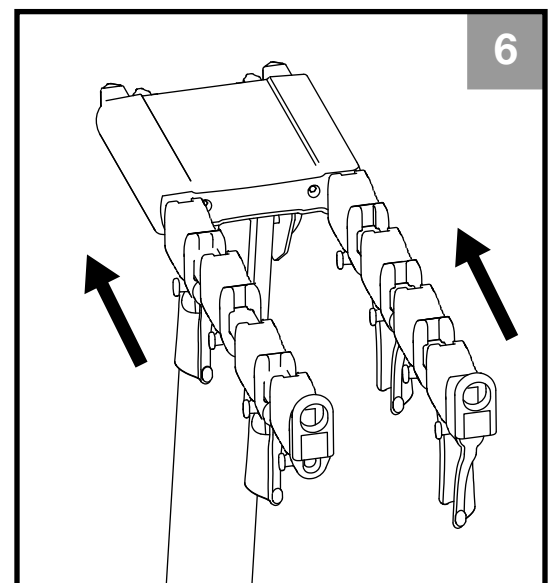
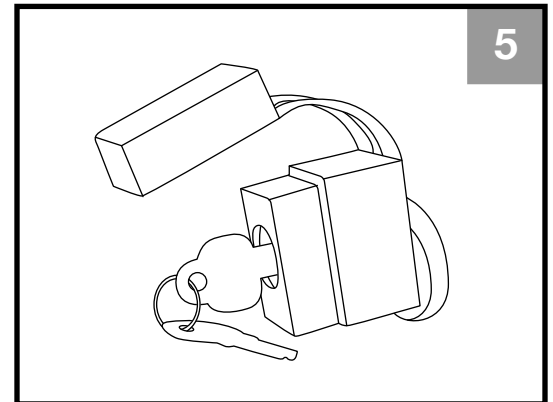
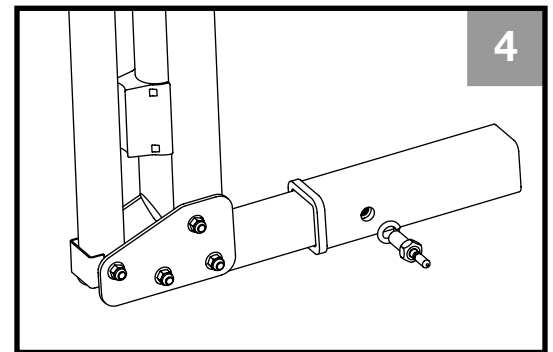
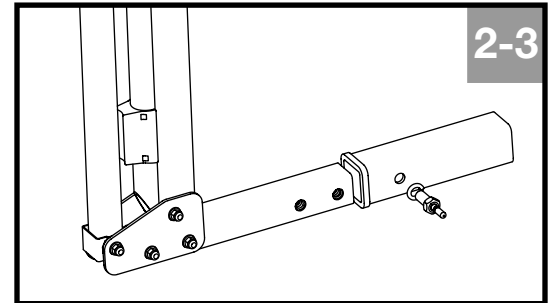
Place the lock washer on the hitch bolt and thread it into the nut in the hitch bar. For 2" racks tighten the hitch bolt to 60 +/-5 foot pounds. For the 1.25" rack, tighten the hitch bolt to 40 +/-5 foot pounds.

5

To lock the bike rack to the vehicle, press the hitch lock over the bolt stud.

6

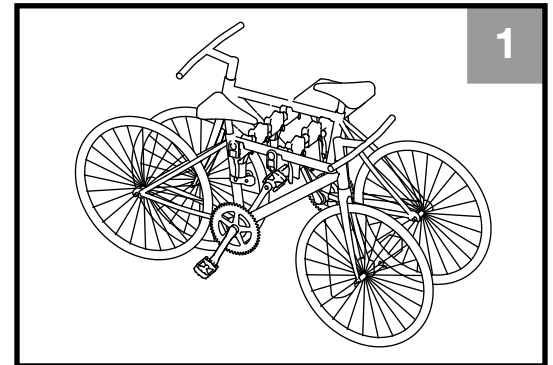
The bike arms must be oriented so that the inside curved surface of the anti-sway bracket is facing inward. Slide the arms into the top plate until you hear a click which indicates they have locked into the auto lock mechanism.



## Use Of Rack

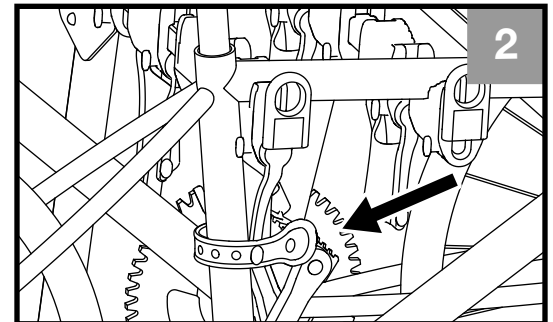
1

Place bicycles onto the rack starting at the point closest to the vehicle. Alternate the direction the bikes are facing when mounted on the rack.



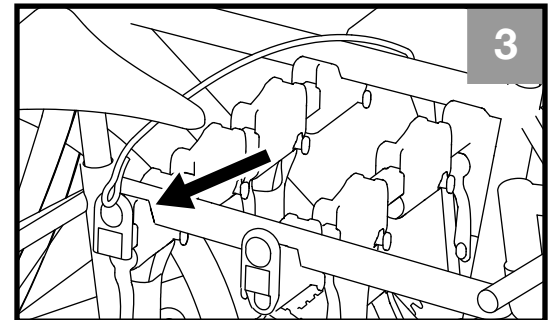
2

Attach the bikes to the block and anti-sway mechanism using the straps provided.



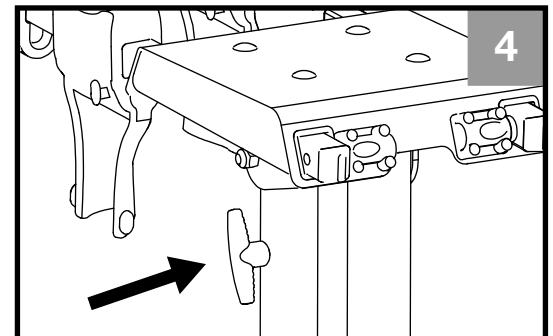
3

To utilize the cable lock, pull it out of the upright, over the bicycle top tubes and attach it to the yellow bail on the end of one of the arms using a padlock.



4

To lower the rack, grasp the release lever and while pushing the rack toward the vehicle pull the lever out. Supporting the arms of the rack, lower the unit.

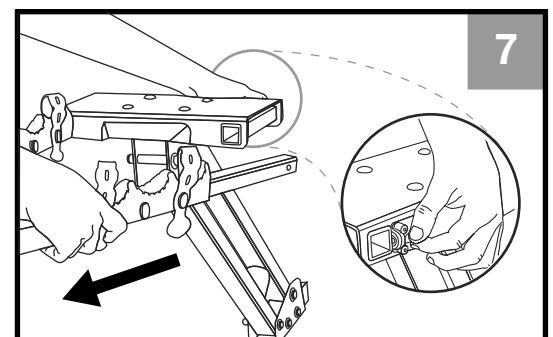


5

To raise the rack, push the arms of the rack up and toward the vehicle until you hear the pull pin click back into place.

6

When not carrying bikes, remove the arms and store.



7

To remove the arms, press the release lever on the auto lock feature on the back of the top plate and pull the arm out.