



## **TOOLS NEEDED**

9/16" Socket set

Two 4"x4"x28" (or larger) blocks

Four bolts, nuts and washers for every rack (included with rack). If using a tamper resistant nuts, install two tamper resistant nuts with each rack.

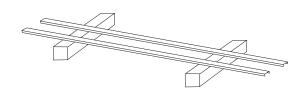
Hammer (if installing into concrete with wedge anchors)

## **ANCHORING THE RAILS**

Once assembled, to anchor the rails to concrete, place 3.75" wedge anchor through 4 indicated holes in the rail into the concrete. Secure with nut.

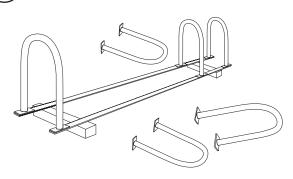
If anchoring to ashpalt surface, use Titen asphalt screws. Place screws through rail holes and turn into the asphalt.





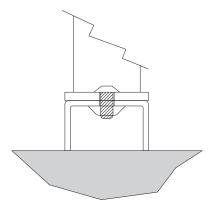
Lay out the two channel beams where the rack will be placed. Place the two beams on top of the two blocks of wood so that the open part of the channel faces the ground.





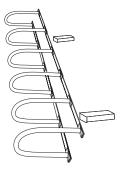
Place racks on beams so holes in rack flanges line up with beam slots. \\





Put bolts through rack flange holes and beams so bolt head faces up. HAND tighten the nuts using new flange nuts.





Once nuts are on, tip assembled rack over and use a 9/16" socket to tighten nuts. Before fully tightening nuts, make sure the racks are straight on beams. If using tamper resistant nuts, use access tool to tighten nuts. Do not overtighten the tamper resistant nuts. Tip rack upright.



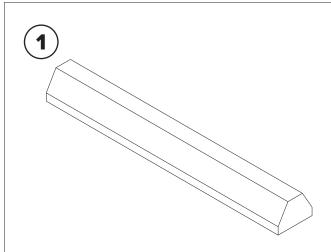


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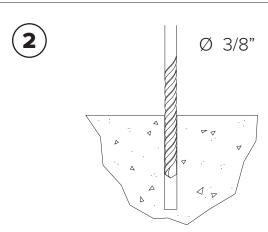
Hammer Drill with 3/8" masonry bit Socket Wrench 3/8" Hammer (if installing into concrete with wedge anchors)

## **ANCHORING THE RAILS**

Before installation, ensure work site is safe. If necessary, block off the area to prevent vehicle and pedestrian access. Use appropriate signage and work barricades to delineate the work area. Ensure electric power leads and hand tools are safe, in good working condition and only used as per manufacturer's specifications. Remove any potential trip hazards and use appropriate personal safety equipment (safety gloves, safety glasses, safety boots, etc.).



Place wheel stop in desired location using setbacks diagram on page 4 as a guide. Mark holes onto surface and remove wheel stop.

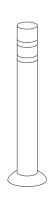


Drill 3/8" holes though asphalt surface.





Line up holes in wheel stops with holes in road surface and use 3/8" socket wrench to secure the provided anchors.



Two 48" tall traffic delineators are included to protect your installation from damage by vehicles. Three delineators are included with the double-sized kit.

The delineators are secured to the ground with an epoxy cement and include two bands of reflective tape for greater visibility in low light.