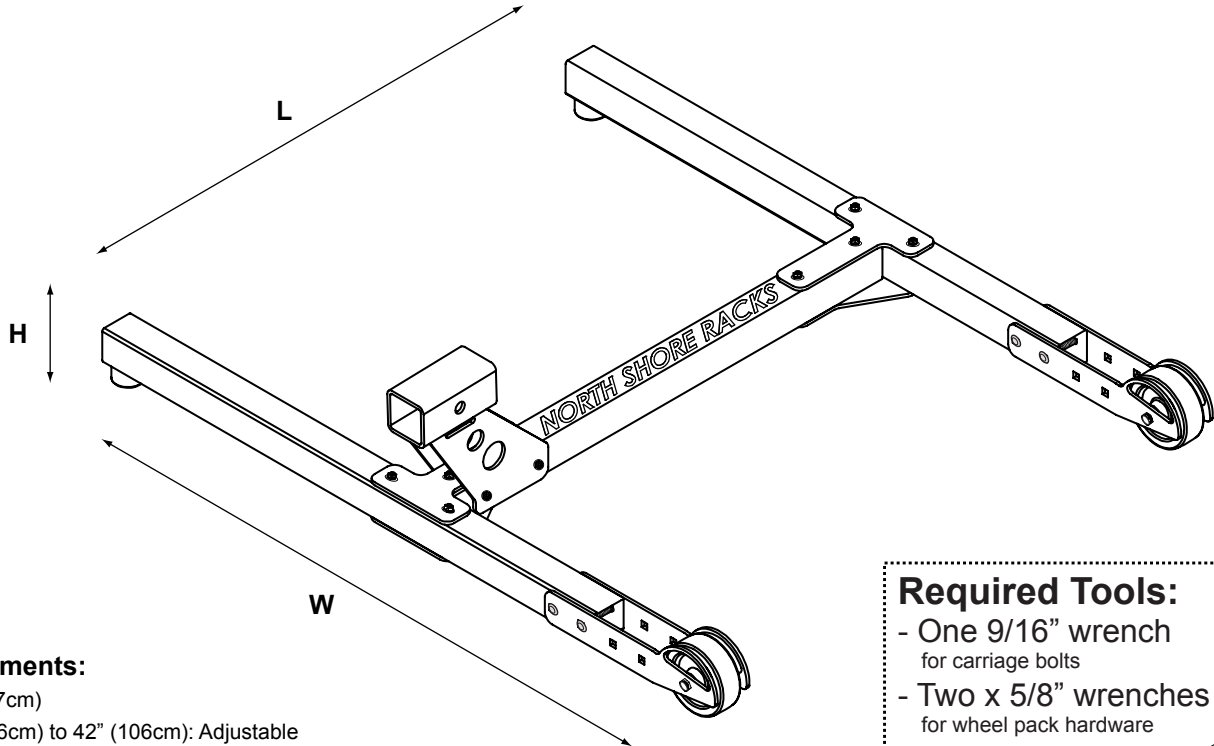


## MOVEABLE GARAGE BIKE RACK STAND

The NSR heavy duty moveable indoor garage bike rack stand is built to carry and store your North Shore Rack when not in use. The best part? It can carry a fully loaded NSR-6 bike rack. Once loaded, simply wheel the rack out of the way to the corner of your garage, for the off season.



### Measurements:

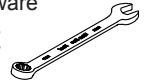
**L** = 34" (87cm)

**W** = 38" (96cm) to 42" (106cm): Adjustable

**H** = 9.25" (23cm)

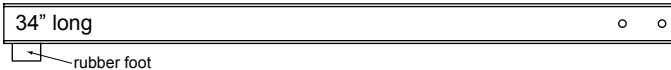
### Required Tools:

- One 9/16" wrench for carriage bolts
- Two x 5/8" wrenches for wheel pack hardware
- Rubber mallet



## CONTENTS:

### Leg (2 pieces)

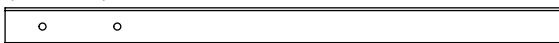


### Crossbrace (1 piece)

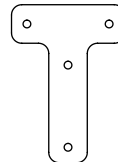
(top view)



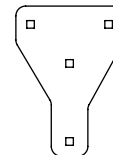
(side view)



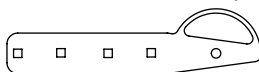
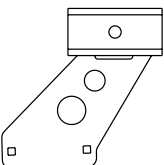
### Top "T" Plate (2 pieces)



### Bottom "Y" Plate (2 pieces)



### Receiver (1 piece) Wheel Mounts (4 pieces)



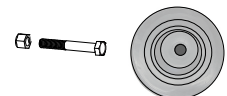
### Hardware Pack:

- 3/8" x 3" Carriage Bolts (14)
- 3/8" Flat Washers (14)
- 3/8" Locknuts (14)



### Wheel Pack:

- Rubber Wheel (2)
- 7/16" Hex Bolts (2)
- 7/16" Locknuts (2)



## ASSEMBLY AND INSTALLATION

1. Set up a clean work area. A drop sheet can help protect the powder coated parts from any unnecessary scuffing or scratches during the assembly of your new NSR MOVEABLE GARAGE BIKE RACK STAND.
2. Lay the CROSSBRACE on your workspace with the logo NORTH SHORE RACKS facing you. This will be your TOP view position (Figure A.).

Figure A.



3. Attach one (1.) BOTTOM "Y" PLATE to the underside end of the CROSSBRACE with two (2) Carriage Bolts. Be sure to run the bolts from the underside of the BOTTOM "Y" PLATE, then up through the CROSSBRACE (Figure B.). Repeat this step on the opposite side.

Figure B.



4. Take one (1.) TOP "T" PLATE, slide it down onto the bolts on the CROSSBRACE and affix with one flat washer and one locknut on each bolt as shown in Figure C. Repeat this step on the other end of the CROSSBRACE with the second (2.) TOP "T" PLATE. Tighten by hand for now.

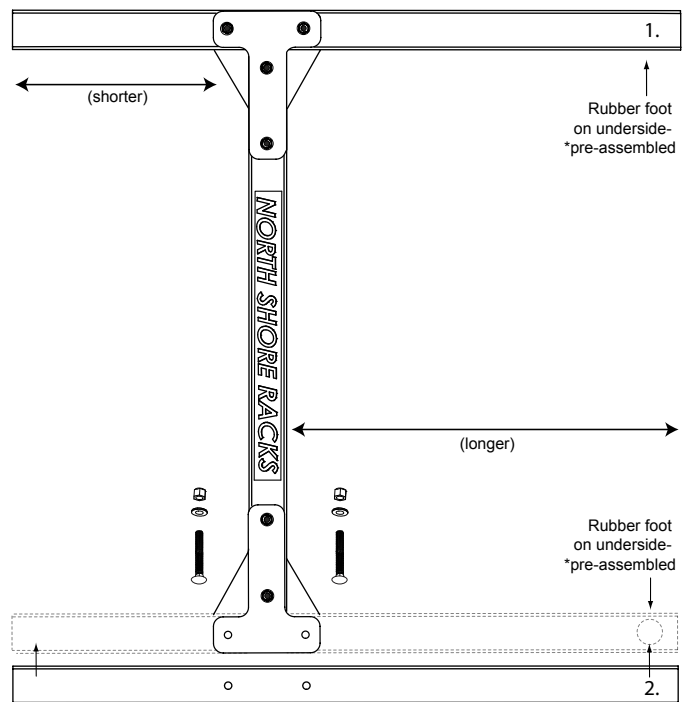
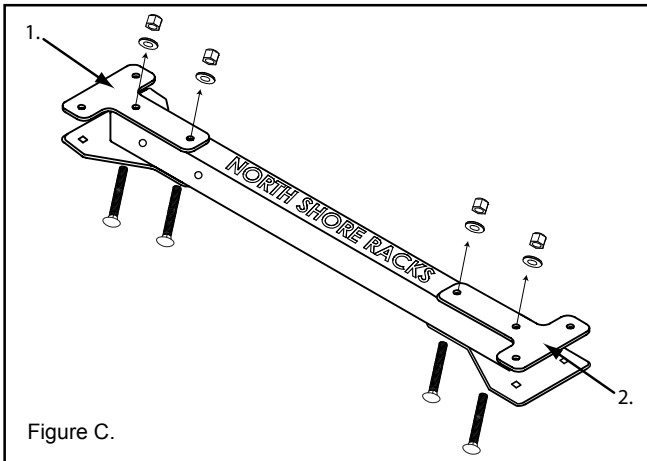


Figure D.

5. Insert one (1.) LEG perpendicular to the CROSSBRACE with the longer tube on your right and shorter portion to your left as shown in Figure D. Attach with two (2) Carriage Bolts; run them from the underside of the LOWER "Y" PLATE, through the LEG, then through the UPPER "T" PLATE. Affix with one flat washer and one locknut on each bolt. Tighten by hand for now. **The rubber feet of the LEG should be on the right, underside.** Repeat this step with the second (2.) LEG.
6. Tighten down all Carriage Bolts with a 9/16" wrench. Be sure that each Carriage Bolt head is seated properly into the square hole on the LOWER "Y" PLATES. This will ensure a proper installation of the bolts.

## ASSEMBLY AND INSTALLATION Cont'd

7. Install the RECEIVER onto the CROSSBRACE. BE SURE TO CHECK THE CORRECT ORIENTATION of the RECEIVER as shown below in Figure E.
8. Install your RECEIVER with two Carriage Bolts. Run them through the holes of the RECEIVER, through the CROSSBRACE, then secure with one flat washer and one locknut. You may need to use a rubber mallet to tap in the bolts. Tighten with a 9/16" wrench.

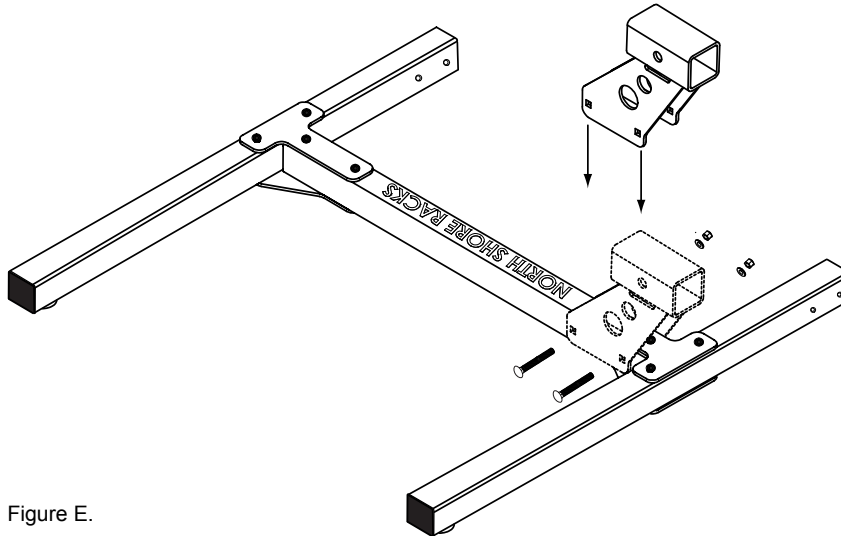


Figure E.

9. Install the WHEEL MOUNTS. The Moveable Garage Bike Rack Stand is adjustable to fit the model of North Shore Rack you own. These settings will allow for an ease of use, when fully loaded with bikes.
- a) For NSR-4 and NSR-2 (2 inch hitch tube) racks, use SETTING 1. as shown below, with the WHEEL MOUNTS situated on the inner-most setting of one LEG. Use holes 3 and 4 as shown below in Figure F. Install a Carriage Bolt in holes 3 and 4 and finish with one flat washer and one locknut on each bolt. **Tighten by hand for now.** Repeat steps on other LEG.
  - b) For NSR-6 racks, use SETTING 2. as shown below, with the WHEEL MOUNTS situated on the outer-most setting of one LEG. Use holes 1 and 2 as shown below in Figure G. Install a Carriage Bolt in holes 1 and 2 and finish with one flat washer and one locknut on each bolt. **Tighten by hand for now.** Repeat steps on other LEG.

### SETTING 1.

\*FOR NSR-4 and NSR-2 (2" hitch) MODELS

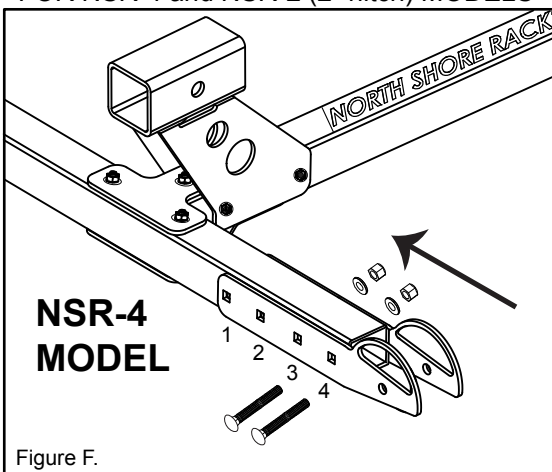


Figure F.

### SETTING 2.

\*FOR NSR-6 MODELS

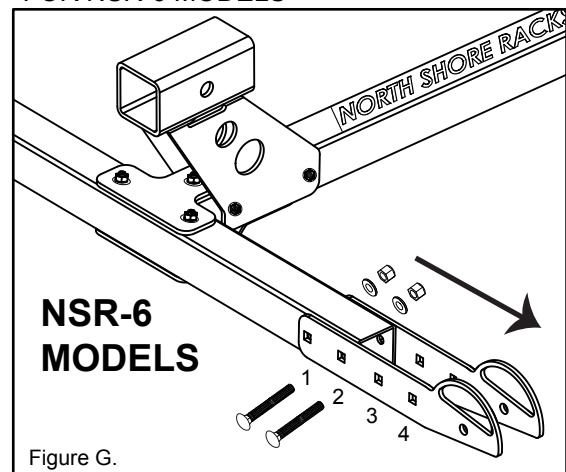
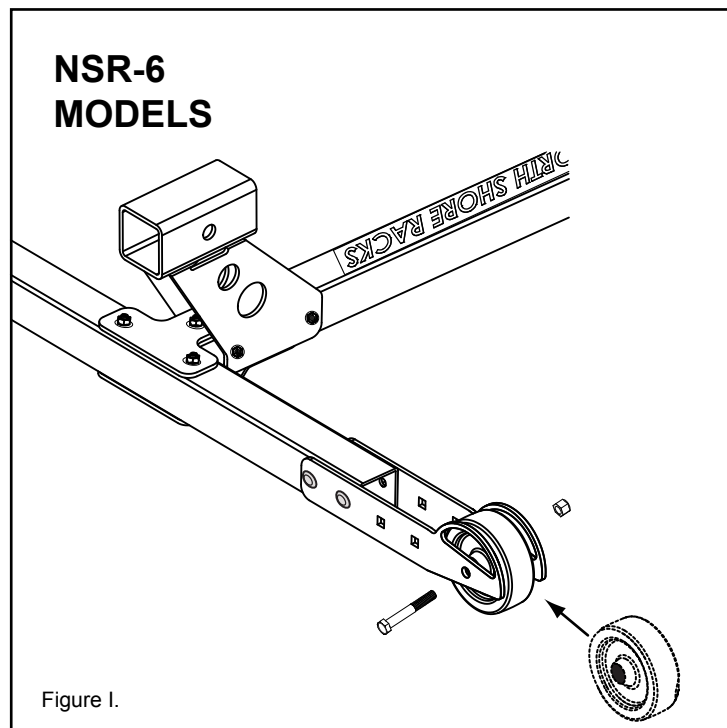
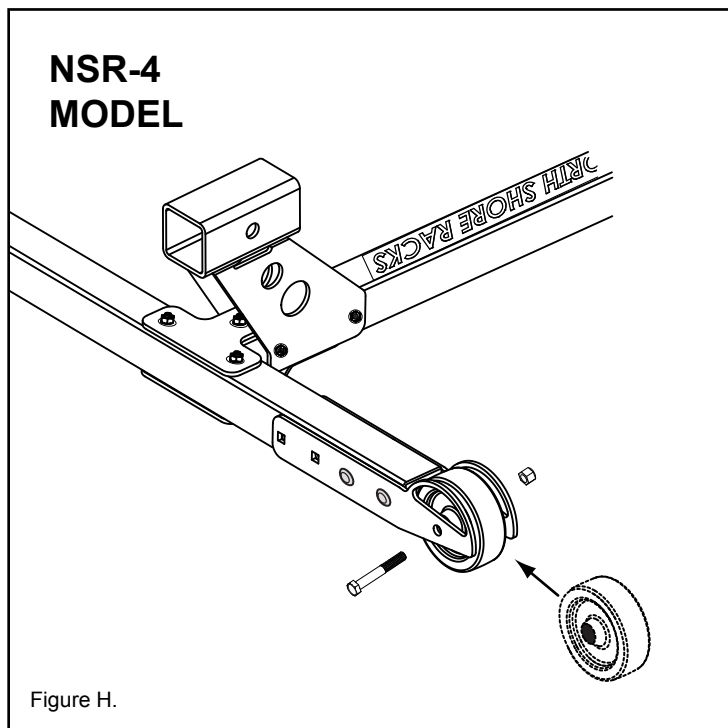


Figure G.

# NORTH SHORE RACKS

## ASSEMBLY AND INSTALLATION Cont'd

10. To install the WHEEL, center it on one of the WHEEL MOUNTS and run the 7/16" bolt through the assembly as shown below in Figure H. and Figure I. Take one 7/16" locknut and hand tighten for now. Repeat this step on the other LEG WHEEL MOUNT.



11. Tighten down the WHEEL MOUNT bolts with a 9/16" wrench.
12. Use two 5/8" wrenches to tighten down the locknut on the WHEEL bolt. **Be careful not to overtighten the wheel mount bolt.** It should be tight, but not too tight to prevent the WHEEL from turning.
13. You can now insert your North Shore Rack into the RECEIVER with or without bikes. Be sure to install the rack using your anti-rattle hitch pin, tightened down with a 15/16" wrench.
14. Manoeuvring the North Shore Racks Garage Stand around in your shop:
- a) If the rack is folded, without bikes, simply grab the lower u-bar of the rack with both hands, lift onto wheels and wheel into place.
  - b) If the rack is in the upright position (with or without bikes), simply grab the lower u-bar of the rack with one hand and place your other hand on the end of your cradle bar. You can now leverage the entire unit and wheel into place.

### WARRANTY

North Shore Racks Inc. products carry a two-year limited warranty (6 months for commercial use) from the date of purchase to the original purchaser against defects in materials or workmanship. This warranty is void if the product has been used for anything other than its intended purpose. In no event shall North Shore Racks Inc. be liable for incidental or consequential damages. This warranty is non-transferable.

### CAUTION

Do not hang or climb on the North Shore Racks Moveable Garage Bike Stand. Keep feet clear. For indoor use only. Maximum weight 375lbs which includes rack and bikes. Do not exceed this limit.

