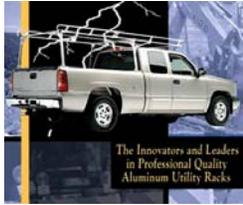




# **HAULER RACKS**

## **Assembly Instructions**

Rack Part #: C-10, C-11, C-12  
T-10, T-11, T-12  
“S” and “SHD” Versions



Congratulations on purchasing our fine product. We take pride in the quality and construction of every rack and want you to have an enjoyable time assembling and installing it. If you have any questions or comments regarding this product, please feel free to contact our technical support department at 1-800-843-5445.

**Before you begin:**

1. Remove all components from the shipping carton. Rack should be assembled on a padded surface such as carpet to prevent scratching of aluminum surfaces. Remove bands securing component sections together.
2. Read the instructions thoroughly to familiarize yourself with the assembly sequence.
3. Note that you **DO NOT** tighten any nuts and bolts until the completed rack is installed on the vehicle. This allows for minor adjustments to the rack during the installation process.
4. Open the hardware box and ensure there are no missing pieces. All hardware is galvanized to prevent corrosion. See the last page of this instruction sheet for hardware identification photo. Hardware count:

Quantity	Description
12	3/8" x 1" Hex Bolts
4	3/8" x 1-3/4" Carriage Bolts
20	3/8" x 2" Carriage Bolts
8	3/8" x 3" Carriage Bolts
44	3/8" Lock Washers
44	3/8" Nuts



5. Gather the following tools used to assemble and install the rack:

- 11/16" Socket or Open-End Wrench
- 3/8" Drill Bit and Drill
- Pencil or Marker
- 2 Clamps (Optional)

## Assembly Steps:

1. **Connect Front and Back Top Railings.** Slide the 5" bracket forward to line up with back two bolt holes. Insert front railing portion into bracket and line up remaining two holes. Using (2) 1-3/4" and (4) 3" carriage bolts, (6) lock washers, and (6) nuts, install hardware finger tight. The 1-3/4" bolts secure the top round rail. Repeat for other side rail.



2. **Install Front Cross Bar.** The front cross bar is the smooth rectangular tube with the round bolt holes in each end. For reference, the back end of the rack has the curved end. Install the front cross bar to both sides using (4) 2" carriage bolts, (4) lock washers, and (4) nuts. Finger tighten only.



3. **Set Middle Cross Bar in Place.** The middle cross bar will be secured in place after final adjustment on vehicle. For now, position the middle cross bar on the side railings forward of the 5" bracket about halfway between the 5" bracket and the next support bracket.

Note: The middle and rear cross bars on SHD (Heavy Duty) models have (2) 2" hex bolts installed in underside of bar for corner supports.



4. **Install Rear Cross Bar.** The rear cross bar is the smooth rectangular tube with the square bolt holes in each end. In addition, SHD (Heavy Duty) models will have (2) 2" hex bolts installed in underside of bar for corner supports. Using (4) 2" carriage bolts, (4) lock washers, and (4) nuts, secure the rear cross bar to the brackets mounted on the side railings. Finger tighten only.



5. **Install Rear Legs.** The rear legs can be identified from the front by the mounting brackets on the bottom of the legs. The front brackets are notched, the rears are not. Install rear legs using (4) 2" carriage bolts, (4) lock washers, and (4) nuts. Finger tighten only. SHD (Heavy Duty) models will have a 2" hex bolts installed in inside of each leg for corner support.



6. **Install Corner Supports.** (SHD (Heavy Duty) model only. If yours is not, go to step# 7). SHD models include heavy duty corner supports that are attached to both front and rear legs. (These brackets may be purchased separately if your rack is not an SHD model.) Remove the nuts and lock washers from the floating bolts in the legs and cross bar. Loosely attach the corner support to the leg using one of the previously removed lock washers and nuts. Slide the corner support up to the cross bar, aligning and inserting the bolt into the hole in the crossbar. Install lock nut and washer. Finger tighten the two nuts. Repeat corner support installation for front legs after next step.



7. **Install Front Legs.** The front legs can be identified by the notches in the mounting brackets attached to the bottom of the leg. Install front legs with the notches facing forward using (4) 2" carriage bolts, (4) lock washers, and (4) nuts. Finger tighten only. SHD (Heavy Duty) models will have a 2" hex bolts installed in inside of each leg for corner support. Install corner supports if equipped, as described in step# 6.



8. **Drill and Attach Middle Cross Bar.** Place rack on vehicle. Rear legs should be positioned as far back on the bed edge as possible. Avoid placing attachment bolt holes in brackets over stake pockets. Temporarily clamp rear legs in place (optional, but suggested). Slide the front leg/cross bar assembly as close to front edge of bed as possible, again avoiding stake pockets. Ensure entire rack and legs are square to the bed, vehicle, and rack top rails before proceeding.



Mark the location of the holes in the front cross bar bracket on the underside of the rectangular side rail tube. Do both sides. Move the leg/cross bar assembly out of the way and carefully drill (2) 3/8" holes up through the tube in each side. You cannot drill down from the top as the round side rail tube is in the way and will prevent drilling a straight hole. Using (4) 2" carriage bolts, (4) lock washers, and (4) nuts, attach the front leg/cross bar assembly to the top side railing. Finger tighten only.



- 9. Drill and Attach Rack Brackets to Truck Bed.** Ensure legs and rack are square and rack is positioned correctly on truck bed rails. Mark hole positions on all four legs (3 holes per leg bracket – 2 top and 1 inside) and drill 3/8” holes in all locations. Using (12) 1” hex bolts, (12) lock washers, and (12) nuts, secure the rack to the truck.

**Note:** Some vehicles may not allow access to underside of bed rail to attach nuts to bolts. In this case, 3/8” self-tapping bolts with lock washers (not included) may have to be used.

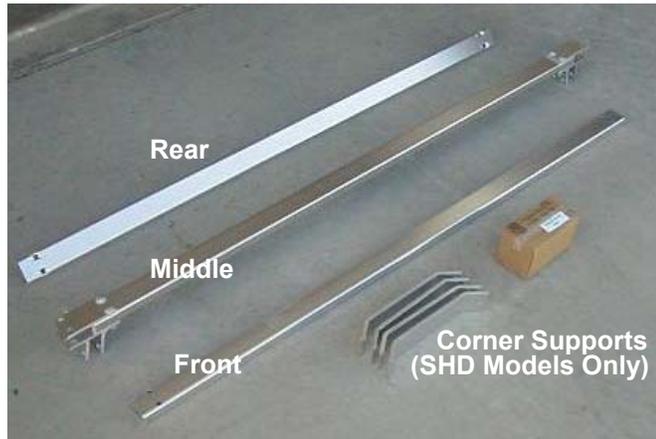
- 10. Tighten all Nuts and Bolts.** Tighten the rack attachment bolts installed in step# 9 first, before tightening any other rack bolts. Proceed around the rack and tighten all nuts and bolts securely. Tighten until lock washers are flat, but **DO NOT OVERTIGHTEN!**

Dec. 2002

# Rack Components Identification



**Right and Left Side Rails  
(Front and Back Sections)**



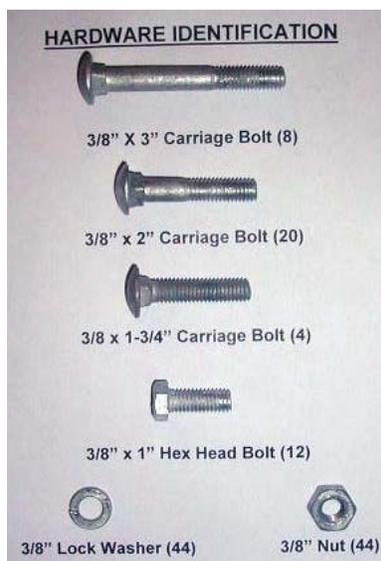
**Rear, Middle, and Front Cross Bars,  
Corner Supports (if equipped), Hardware Box**



**Front (notched) and Rear Legs**



**Assembled Rack**



**Hardware Identification**