



U.S. RACK,™ Inc. - 2850 Falcon Drive, Madera, CA 93637 - 559-661-3050

INSTRUCTIONS for RAIL RACK EXTENSION KIT

WARNING: Do NOT attempt to install or use this rack without following all instructions.

SPECIFICATIONS and SAFE LOADING REQUIREMENTS

These instructions are intended for use only in conjunction with the U.S. Rack Rail Rack and on pickup trucks that have conventional fleetside bedrails (for these use Rail Rack model 2007-2U) or that have bedrail track systems such as the Nissan Utili-track, Toyota Deckrail, or Dodge utility track system (for these use model 2007-2TRA). Both models of this rack are designed to carry ladders, boats, canoes, kayaks, lumber, or other cargo not exceeding 400 lbs or up to 500 with the extension kit properly installed

This rack with the Extension Kit is designed to carry loads, which are spread across the width of the crossbars and shared between the rear crossbar, the crossbar at the front of the bed, and the round crossbar over the cab of the truck. It is not designed to carry loads where a force of over 150 lbs. is concentrated on any space less than 12 inches wide along any crossbar or where a force of over 200 lbs overall is loaded on either the rear crossbar or the crossbar behind the cab or where a load of over 100 lbs is loaded on the round crossbar over the cab. This product is not warranted for use off-road or on unimproved or poorly maintained or bumpy roads. All loads must be tied down securely to the rack to prevent them from vibrating or sliding forward, backward, laterally or being blown off or broken by wind. The manufacturer does NOT warranty any automotive product and does not warranty truck bed rails against damage caused by the weight of excessive loads being applied to them when the rack is installed on a vehicle. **The manufacturer is not responsible for injury or property damage resulting from the rack being improperly installed or improperly loaded, nor is it responsible for injury or property damage resulting from loads or parts of loads falling or being blown off a vehicle.** Loads extending beyond the rear bumper of the vehicle must be designated with a red flag during daylight or red light during darkness in accordance with the state vehicle code.

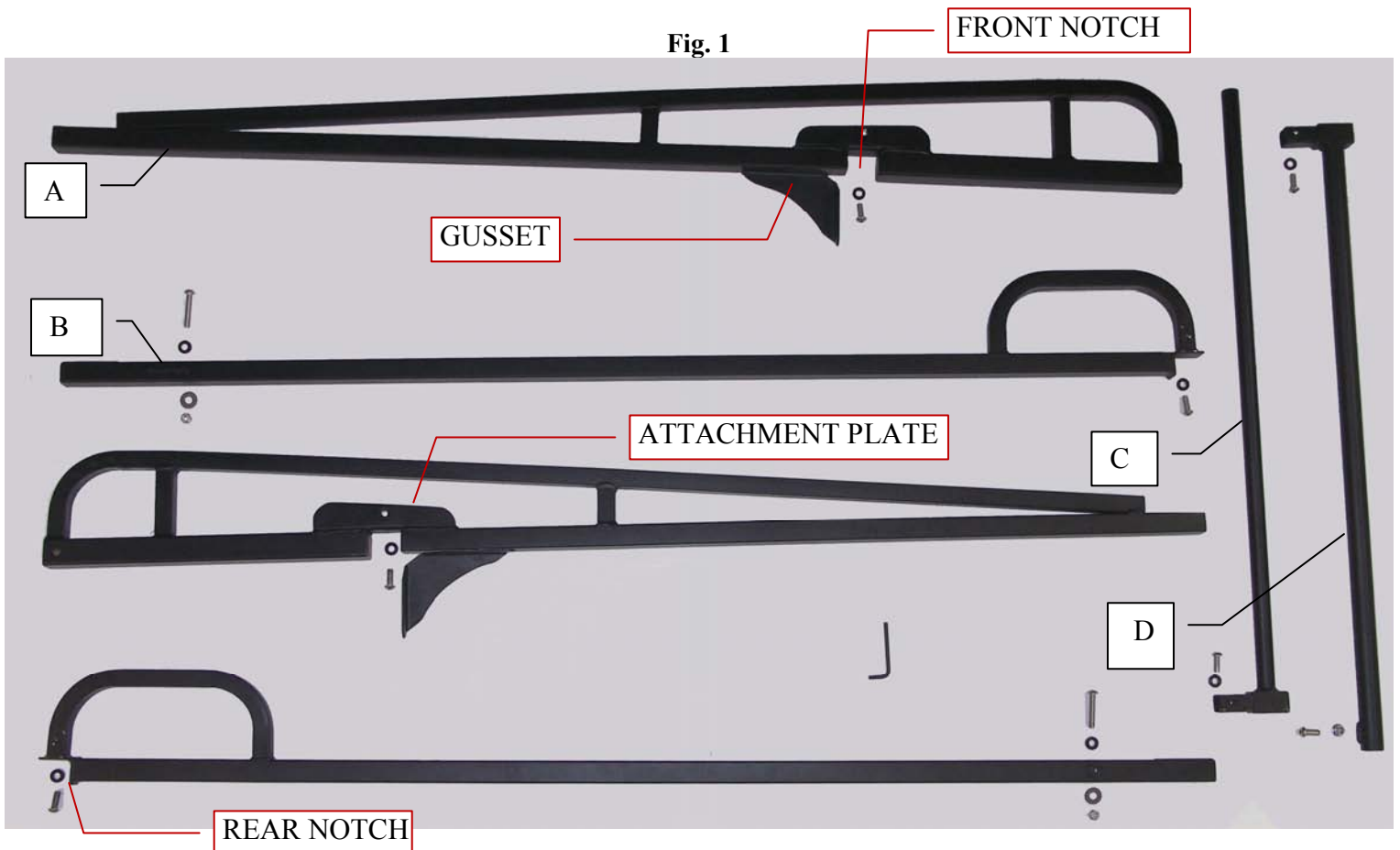
BE SAFE: Carrying any load can be hazardous. Make sure all parts of all loads are securely tied down against unexpected winds and vibrations caused by road hazards such as potholes. Check each time you install the rack, load the rack, as well as daily to ensure that all connections are tight. Avoid roll over. As with all racks, ensure that loads are not top-heavy. Loads should be placed so that the center of mass of the load is no closer than 24" from the sides of the rack. High loads must be transported with GREAT CAUTION to prevent loads from striking low overhead objects and from tipping during turns, abrupt stops, or high winds.

WARRANTY

This product is warranted for a period of one year against all structural defects in materials and workmanship provided that they are assembled, installed, and used in accordance with all manufacturer's specifications and instructions. The manufacturer **cannot warrant the powder-coating** on its products. Normal use of any powder-coated rack and exposure to weather can result in scratching of the surface, exposing metal below; therefore, maintenance on your rack will be required. To prevent rust, spot paint any scratches or breaks in the surface with a high quality metal paint. **Merchandise must be returned in the original box and packaging.** See return policies and procedures at http://www.usrack.com/merchandise_return_policy.php

INVENTORY

Your safety is paramount. Before assembling the rack, inventory and inspect all parts. Visually check each part to ensure it corresponds to the inventory list and check all welds for signs of cracking or weakness. If you do not have all the correct parts or if any parts appear to be defective, STOP! Do NOT install the rack. Contact customer service at 1-888-877-2257 to replace missing or defective parts. If you have any questions about installation, call customer service. We will be happy to help.



The Rail Rack consists of these parts:

- A. Cab Extension (left and right)
- B. Bed Extension (left and right)
- C. Round Male Crossbar (x1)
- D. Round Female Crossbar (x1)

HARDWARE: 3/8-16 x 1" button-head hex cap screws (x7); 3/8-16 x 2" button-head hex cap screws (x2); nylon washers (x8); metal washers (x 2); nylon lock nuts (x2); flange (jam) nut (x1); Allen wrench (x1)

ASSEMBLY

Read ALL instructions through once BEFORE you do anything!

There are supplemental instructions that are to be used only after the Rail Rack has been installed in accordance with the instructions for models 2007-2U or 2007-2TRA. After installing the Rail Rack on your vehicle use these instructions to complete the installation of the Rail Rack II (Rail Rack I plus Extension Kit).

1. **Assemble the round Crossbar.** After inventorying all of the parts, examine the Round Male Crossbar and Round Female Crossbar. Insert the male side into the female side so that the short extensions on each end are pointing the same way and the holes in each short extension are facing up. If not already in the hole, place a flange nut on a 1" screw and thread the screw a few turns into the threaded hole in the Round Female Crossbar but not so tightly that it keeps the male side from sliding freely inside the female.
2. **Assemble the Bed and Cab Extensions.** Examine the Cab Extensions (A) and the Bed Extensions (B). The front of the Bed Extension is pointed and inserts in the back end of the Cab Extension. Insert the Bed Extension into the back of the Cab Extension as shown in FIGs. 2 and 3.



FIG. 2 Bed Extension and Cab Extension before assembly



FIG. 3 Bed Extension assembled with Cab Extension

INSTALLATION

- 3. Install the Extension Assemblies on the Rail Rack.** After you have installed the Rail Rack (Legs and Crossbars) at the front and back of your truck bed in the positions you want, place the two Bed/Cab Extension assemblies onto the Rail Rack. Ensure that the passenger side assembly is placed on the passenger side and the driver side assembly is placed on the driver side of the truck. To make sure these are correct, ensure that the side of the assembly with the threaded holes is on the OUTSIDE of the truck. Place each assembly on the crossbars so that the notch in the Front Extension fits around the front crossbar and the notch in the rear of the Bed extension fits around the rear crossbar as shown in FIG. 4. If your crossbars are too close or too far apart, slide the extensions closer or farther apart to fit. In order to easily place the notch over the crossbar, it may be necessary to hold the extension assembly in a flat horizontal position and then rotate it until it is in its normal upright position as shown in FIG. 6, 7, and 8. Secure the assemblies to the ends of the crossbars by placing a nylon washer on a 1" screw and inserting it through the hole in the ear of each Crossbar and twisting it into the threads of the Bed Extension and Cab Extension as shown in FIGs. 5, 9 and 10.



FIG. 4 – Cab Extension placed on Front Crossbar



FIG. 5 – Cab Extension screwed to Front Crossbar



FIG. 6 – Lay flat on crossbar



FIG. 7 – Rotate



FIG. 8 – Align with hole in Ear of Rack

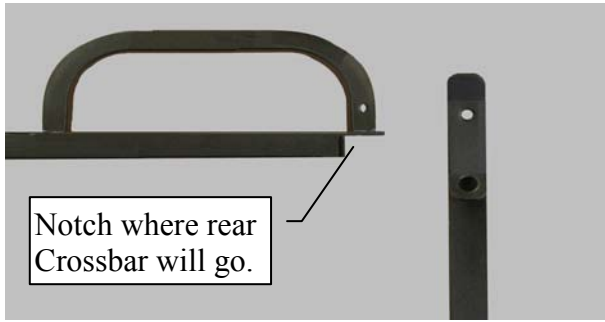


FIG. 9 – Bed Extension before placement on Rear Crossbar



FIG. 10 – Bed Extension screwed to Rear Crossbar

4. **Bolt together the Bed and Cab Extensions.** You MUST fix the length of the Extension Assembly to ensure the rack is sturdy. After you are satisfied that the Rail Rack and extensions are square and properly seated in the right location, make a pencil mark on both sides of the interior tube (Bed Assembly) through the hole in the back of the Cab Assembly. Remove the Bed Extension and drill a hole at each pencil mark straight through the tube using an electric drill with a 3/8" drill bit. After drilling, re-insert the interior tube, aligning the holes and attaching with 3/8-16 x 2" button head cap screw. Place nylon washer under the head and metal washer in contact with the nylon lock nut.



FIG. 11 – Bed Extension and Cab Extension after drilling



FIG. 12 – Bed Extension assembled with Cab Extension

5. **Attach the Round Crossbar.** After securing the Extension Assemblies to the Rail Rack, adjust the width of the Round Crossbar and place the short extensions at the ends of the Crossbar into the open front end of the Cab Extensions until the holes in the top of the extension align with the holes at the front end of the Cab Extension. Screw a 1" screw with nylon washer securely into the hole as shown in FIGs 11 and 12, below. After installing the crossbar, fix the width of the crossbar by tightening the set screw in the middle and then tightening the flange (jam) nut against the crossbar to keep the set screw from being able to vibrate loose.



FIG. 12 – Front Crossbar before insertion

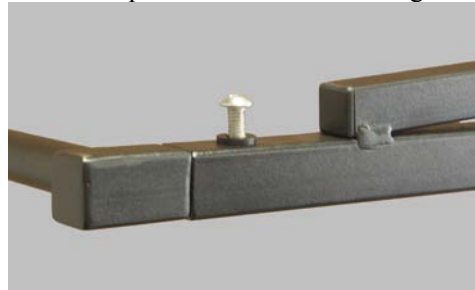


FIG. 13 – Preparing to tighten screw

6. **Safety Check.** Ensure that all threaded parts remain firmly tightened. Check periodically to ensure safety.



FIG. 14 Installation Complete