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

INSTRUCTIONS for FIFTH WHEEL RACK

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 upon the Dodge and Chevy HD pickup trucks and Ford Super Duty Trucks that have conventional fleetside bedrails.

This rack is designed to carry loads not exceed a weight of 150lbs., the center of mass which is located no more than half way between the front and rear crossbars. The load must also be spread across the width of the crossbars. It is not designed to carry loads where a force of over 100 lbs. is concentrated on any space less than 12 inches wide along either crossbar or where a force of over 75 lbs overall is loaded on either crossbar. 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.

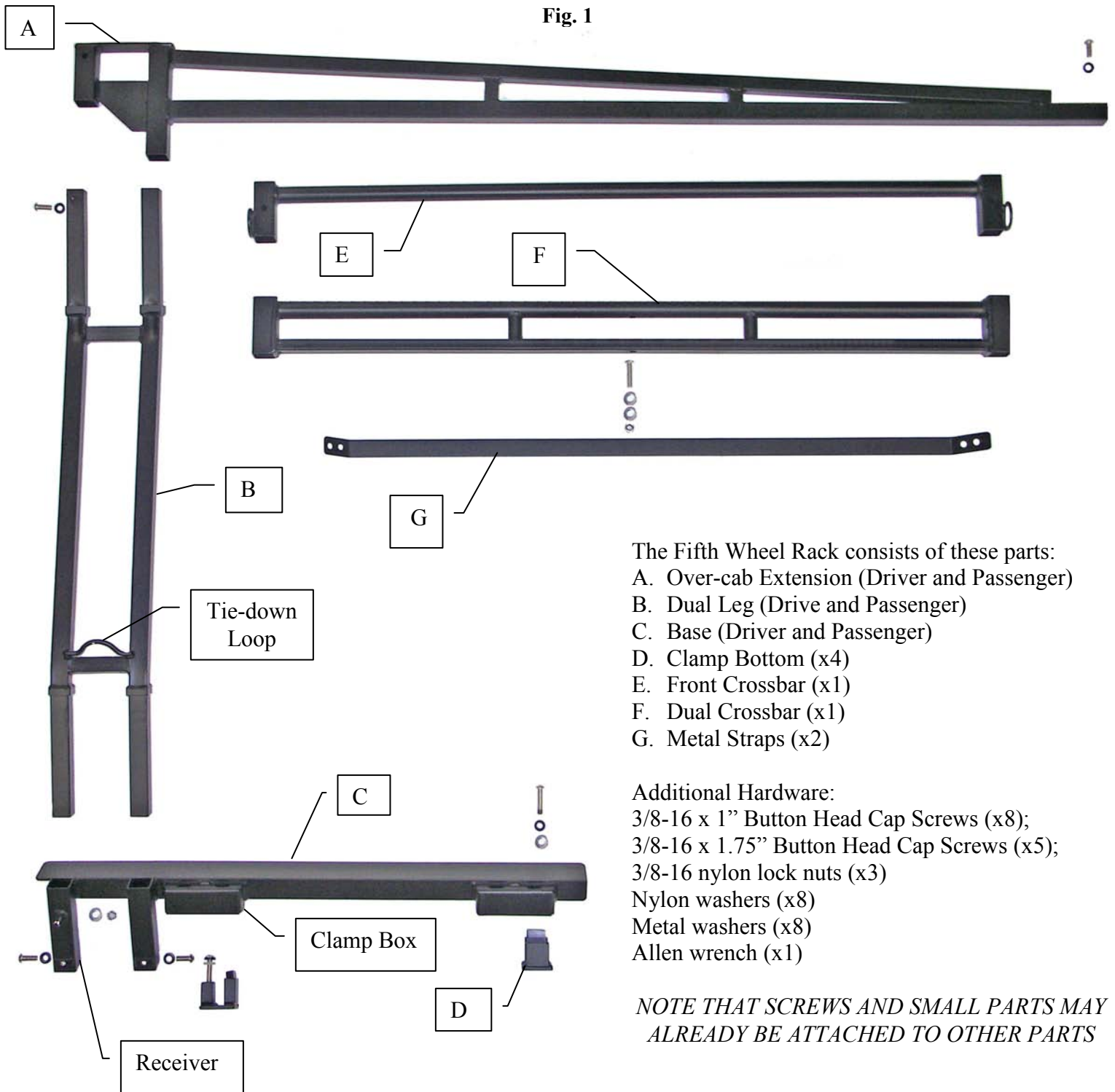
BE SAFE: Carrying any load can be hazardous. Make sure all parts of all loads are securely tied down against unexpected winds and vibrations caused by road hazards such as potholes. In all cases where a load extends beyond the front crossbar, use a bow line or other rope or strap, tied off securely to the front bumper or other secure location to pull the load gently down and dampen vibration that can occur during travel. 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.



ASSEMBLY and INSTALLATION

Read ALL instructions through once BEFORE you do anything!



IMPORTANT: APPLY AN ANTI-SEIZE LUBRICANT SUCH AS FINISH LINE Ti-PREP TO ALL SCREWS BEFORE ASSEMBLY TO PREVENT THEM FROM SEIZING-UP DURING ASSEMBLY OR DISASSEMBLY. (SMALL TUBE INCLUDED)

- 1. Attach Bases to Bedrails** after you have inventoried and inspected all parts. Examine the Bases (C) and notice that each has two square tubular receivers welded to one end and two clamp boxes on one side. Place the driver-side Base on the bedrail of the truck near the cab so that the receivers are on the front end and the clamp boxes hang down into the bed. Examine the Clamp Bottoms (D) and notice that they consist of two vertical rectangular tubes, one that is threaded on top and the other that contains a hard rubber nub. As shown in Figs. 2 thru 6, slide the part of the Clamp Bottom with the threaded top into the bottom of the clamp box on the side of the Base. Simultaneously guide the portion of the Clamp Bottom containing the rubber nub up behind the lip of the bedrail. Align the clamp bottom with a hole in the top of the clamp box. If there is any obstruction under the bedrail which interferes with placement, align the Clamp Bottom with the other hole. After it is properly seated place nylon washer and then a metal washer on a 1.75" button head cap screw and insert it down through the hole. Screw it into the threaded top of the Clamp Bottom and draw the Clamp Bottom up by turning the screw using the Allen Wrench until it is tight. Install a second Clamp Bottom into the other Clamp Box.



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

- 2. Attach Dual Legs.** Pick up and examine the Dual Legs (B), which are mirror images of each other. Notice that the bottom of the each Dual Leg contains the Tie-down Loop and there is a threaded hole in the bottom of each tube. Place the driver-side Dual Leg, into the receiver of the Base so the Tie-down Loop is on the outside and the Leg leans inward toward the midline of the truck as shown in Fig. 7. Now install the passenger-side Bases and Dual Leg in the same manner so that when completed they appear as in Fig. 8.



Fig. 7



Fig. 8

3. **Attach Dual Crossbar.** Pick up and examine the Dual Crossbar (F) and notice that it consists of two bars connected by shorter bars in the middle and tubes on each end. The round crossbar is about the same size and shape as a standard Yakima crossbar and the rectangular bar is about the same size and shape as Thule crossbar. These are designed to be able to fit Yakima or Thule accessories or other universal design accessories made by Malone or some other brands. Slide the tubes at the end of the Dual Crossbar down onto the top rear portion of the Dual Legs as shown in Fig. 9. Ensure that the shape of the bar that works with your accessories is on top. This should be the same shape you have selected for the Front Crossbar.



Fig. 9



Fig. 10

4. **Attach Over-cab Extensions.** Pick up and examine the Over-cab Extensions (A). Notice that they are identical except for a hole drilled in the side on the back end. This hole corresponds to the hole at the top of the Legs. Slide the open ends of the vertical tubes at the back of the Extensions down onto the top of the Legs so that they appear as in Fig. 10.



Fig. 11



Fig. 12

5. **Attach Front Crossbar.** Examine the Front Crossbar (E). Notice that there is a hole in the top on each side. This hole corresponds with the threaded hole at the narrow end of the Over-cab Extensions. Slide the ends of the Crossbars over the ends of the Over-cab Extensions aligning the holes. Place a nylon washer onto the end of a 1-inch long button head cap screw and thread the screw down into the hole as shown in Fig. 11. Similarly install 1-inch screws with nylon washers into the sides of the Over-cab Extensions to bind them to the top of the Legs and into the Bases to bind them to the bottom of the Legs. Tighten all firmly with the Allen wrench.



Fig. 13



Fig. 14

- 6. Attach the Metal Straps.** Examine the Metal Straps (G). Notice that at least one end has more than one hole. Place one of the holes over the end of the spindle projecting from the side of the Base. Place a metal washer with nylon lock nut on the end. Place a 1.75" button head cap screw with a metal washer into the hole in the LOWER bar at the middle of Dual Crossbar. Place the other end of the metal strap connected to the bases on each side of the truck in a position so that the screw can pass down through one of the holes in each metal strap. Place a metal washer on the bottom and then twist on a nylon lock nut. Tighten the nuts at both ends of the strap until the metal straps are taut. These straps prevent the rack from swaying from left to right.

WARNING

IMPORTANT SAFETY NOTES

The Fifth Wheel rack is strong, but it must be loaded carefully to be safe. Because of the long extension over the cab, considerable torque is applied to the Legs and Base of the rack. Because these structures are strong, the forces are transmitted to the bedrail of the truck. Excessive loads can result in damage to the bedrails of the truck or structural failure of the rack. To remain safe there are three requirements: First, do not overload the rack and even the load as much as possible to move the load toward the rear (a force of no more than 75lbs should be applied to the front crossbar); second, tie down any load projecting forward of the front crossbar with a line to the front bumper to prevent the rack from vibrating up and down; and third, consider the road and weather conditions to prevent shock. If the road is rough or the weather severe, act accordingly. Also check frequently to ensure that the fasteners remain tight.