



INSTRUCTIONS for RIDGE RACK 3 Truck Rack, Model 2010-8

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 with the U.S. Rack Ridge Rack Models 2010-8 to be installed only upon the Honda Ridgeline. This model rack is designed to carry ladders, boats, canoes, kayaks, lumber, or other cargo not exceeding 500 lbs.

This truck rack is designed to carry loads, which are spread across the width of each crossbar and shared evenly between both 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 on any crossbar or where a load in excess of 200 lbs is applied to either crossbar over the bed or 100 lbs on the 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. To ensure safety check all connections for tightness daily and each time you install or load your rack. To avoid roll over ensure that loads are not top-heavy. Loads should be placed so that the center of mass of the load is no closer that 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.

Read ALL instructions through once BEFORE you do anything!



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. If you have any questions about installation, call customer service. We will be happy to help.

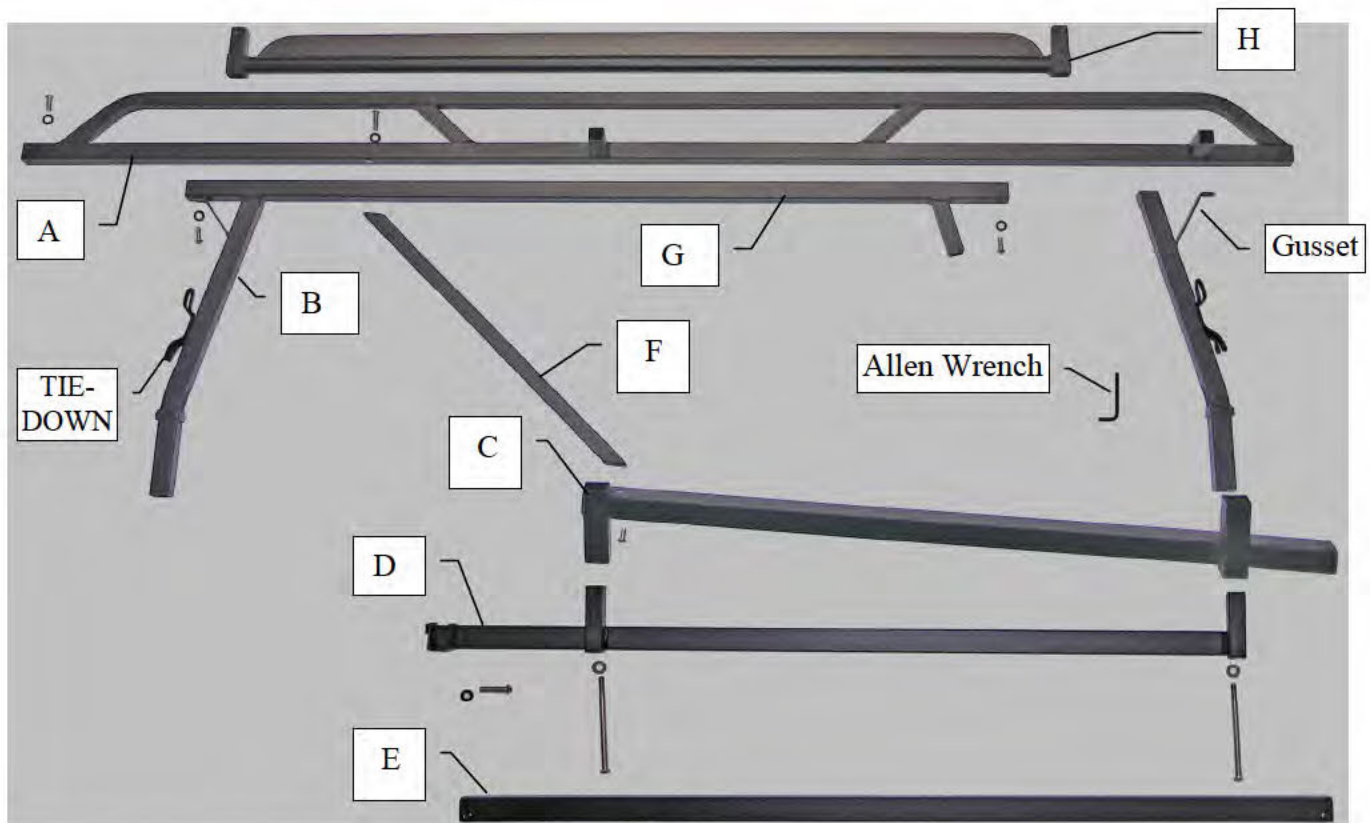


Fig. 1

The Ridge Rack 3 consists of these parts:

- A. Truss Rail (right and left)
- B. Leg (x4)
- C. Base Rail (x2)
- D. Clamp Rail (x2)
- E. Front Rail (x1)
- F. Brace (x2)
- G. Crossbar (middle and rear)
- H. Front Crossbar (x1)

NOTE THAT SCREWS AND SMALL PARTS MAY BE FASTENED TO OTHER PARTS

Additional Hardware: Allen wrench for 3/8-16 screws (x1); 3/8-16 x 6.5" hex bolts (x4); 3/8-16 x 1.75" button head hex cap screws (x4); 3/8-16 x 1" button head hex cap screws (x6); 3/8-16 x .75" button head hex cap screws (x2); nylon washers (x14)

ASSEMBLY and INSTALLATION

1. **Attach Crossbars to Legs.** After you have inventoried and inspected all parts examine the Legs (B), and Crossbars (G). Notice that the Crossbars are not identical. Each has two tubes that project from the bottom, but the distance between the projections on the front Crossbar is greater than the distance on the rear Crossbar. Place a Leg on each Crossbar projection so that the gusset of the Leg is on the outside and it aligns with the holes at the ends of the Crossbars as shown on the left side of Fig. 1, above.
2. **Attach Braces to Base Rails.** Examine the Base Rails (C) and notice that they form mirrored pair. Also notice each has two tubes welded to one side and that there is a hole near one end of each Base Rail. Align the hole in one end of a Brace (F) with the hole in the Base Rail and insert a 3/8-16 x .75" button head cap screw up through the bottom of the Base Rail and screw it into the bottom of the Brace. Orient the Brace in relation to the Base Rail as shown in Fig. 2, below, and then tighten firmly from the bottom with the Allen wrench.

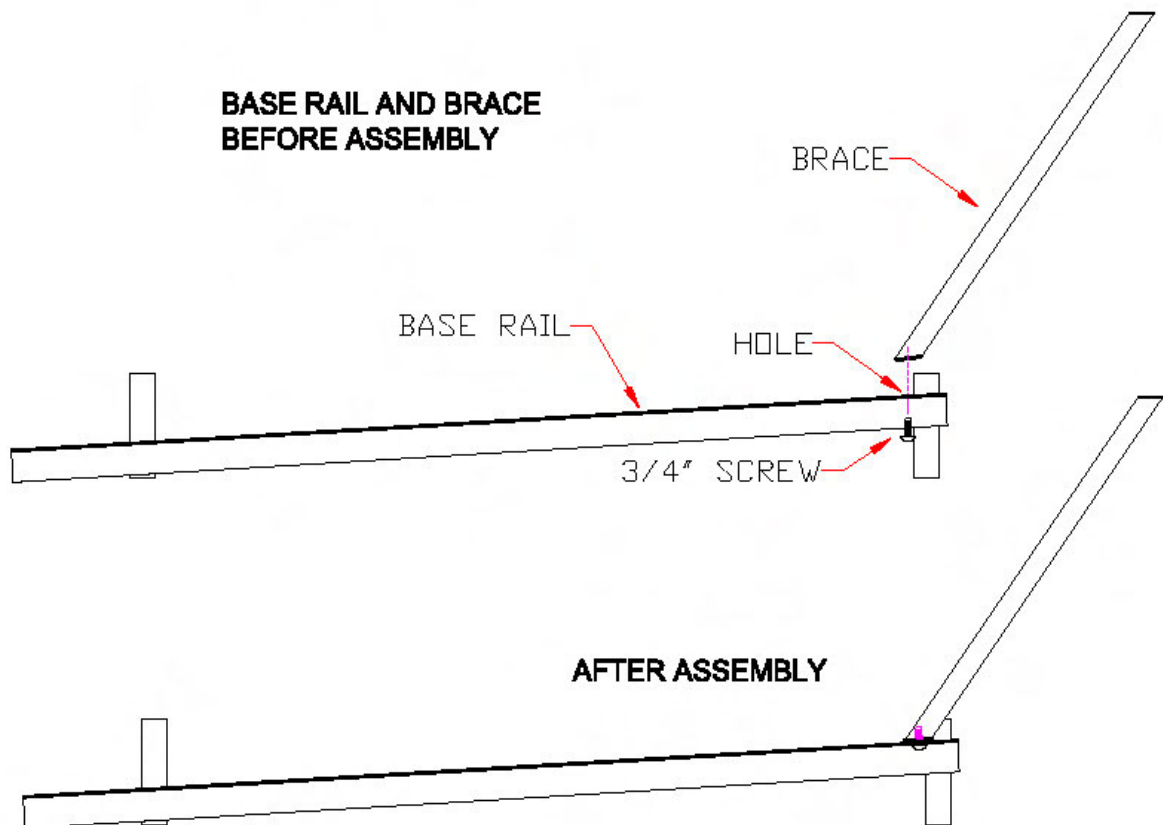


Fig. 2

3. **Place the Ridge Rack onto the Bedrails.** Park your pickup truck in a safe and level place. Place both Base Rail/Brace assemblies on the ground parallel to each other with the side of the Base Rails with the short tubes welded to them on the inside closest to each other and with braces pointing up into the air at an angle as shown in Fig 2. Insert the bottoms of the Front Leg/Crossbar assembly down into the short vertical tubes on the Base Rails on the end closest to the Brace. Insert the rear Leg/Crossbar assembly into the rear vertical tubes. Grasp the two Base Rails forward of the center and lift up the assembly, allowing the bottoms of the Legs to seat all the way into the tubes. Walk forward and place the leading edge of the Base Rails onto the plastic bedrails of the truck. Slide and guide them forward carefully until the front of the Bases Rails drop down onto the plastic bedrails. Adjust the assembly until it appears as in Fig. 3, below.



Fig. 3



Fig. 4

4. **Clamp Rack to Bed.** Pick up and examine each Clamp Rail. Notice that they consist of a long horizontal tube to which two short vertical tubes are welded. A metal cap with a hole in it is welded to the bottom end of each of the short tubes. Align the tops of short tubes with the bottoms of the tubes of the Base Rail while positioning the long horizontal tube of the Clamp Rail so that it is located in the long recess that runs along the side of the bed. Insert the tubes of the Clamp Rail up into the tubes of the Base Rail until the top of the horizontal tube makes contact with the top of the recess. Insert a 6.5" hex screw up through the hole in the bottom of each of the smaller tubes until the screw makes contact with the threaded plate inside the Leg. Thread the screw up into the Leg until it clamps the Base Rail firmly to the bed as shown in Fig 4, 5, and 6. Install the other Clamp Rail in a similar manner.



Fig. 5



Fig. 6

5. **Insert Front Rail.** Pick up and examine the Front Rail (E). Notice that it has a hole in each end. Also notice that each Clamp Rail has a U-shaped bracket that is able to receive the Clamp Rail. Place the Front Rail into the U-brackets so that the holes in the ends of the Front Rail align with the holes in the brackets. Place a nylon washer on a 3/8-16 x 1.75" button head cap screw and thread a screw into each hole until the screw engages the nut in the back of the bracket. Screw the button head in firmly with the Allen wrench. See Figs. 7 and 8.



Fig. 7



Fig. 8

- 6. Install Truss Rails.** Examine the Truss Rails (A) and notice that there is a left and a right. Extending from one side of each Truss Rail are two short tubes each of which contains threaded hole. This hole corresponds to the hole in the gusset of each Leg and to the hole in the ends of each crossbar. Pick up one of the Truss Rails and insert the ends of the short tubes into the ends of the Crossbars in a way so that the front of the Truss Rail extends over the cab of the vehicle. Align the holes in the Truss Rail, with the holes in the Crossbars, with the holes in the Leg gusset. Insert a 1" button head cap screw with a nylon washer up in this hole and tighten a few turns. Notice that the top of the Brace is nearly aligned with the vertical hole in the lower member of the Truss Rail. Align this hole with the threaded hole in the top of the Brace and insert a 1.75" button head cap screw with nylon washer down into the hole. Now firmly tighten these screws as well as the others in the Truss Rail. When completed you rack should appear as shown in Fig. 9, below.

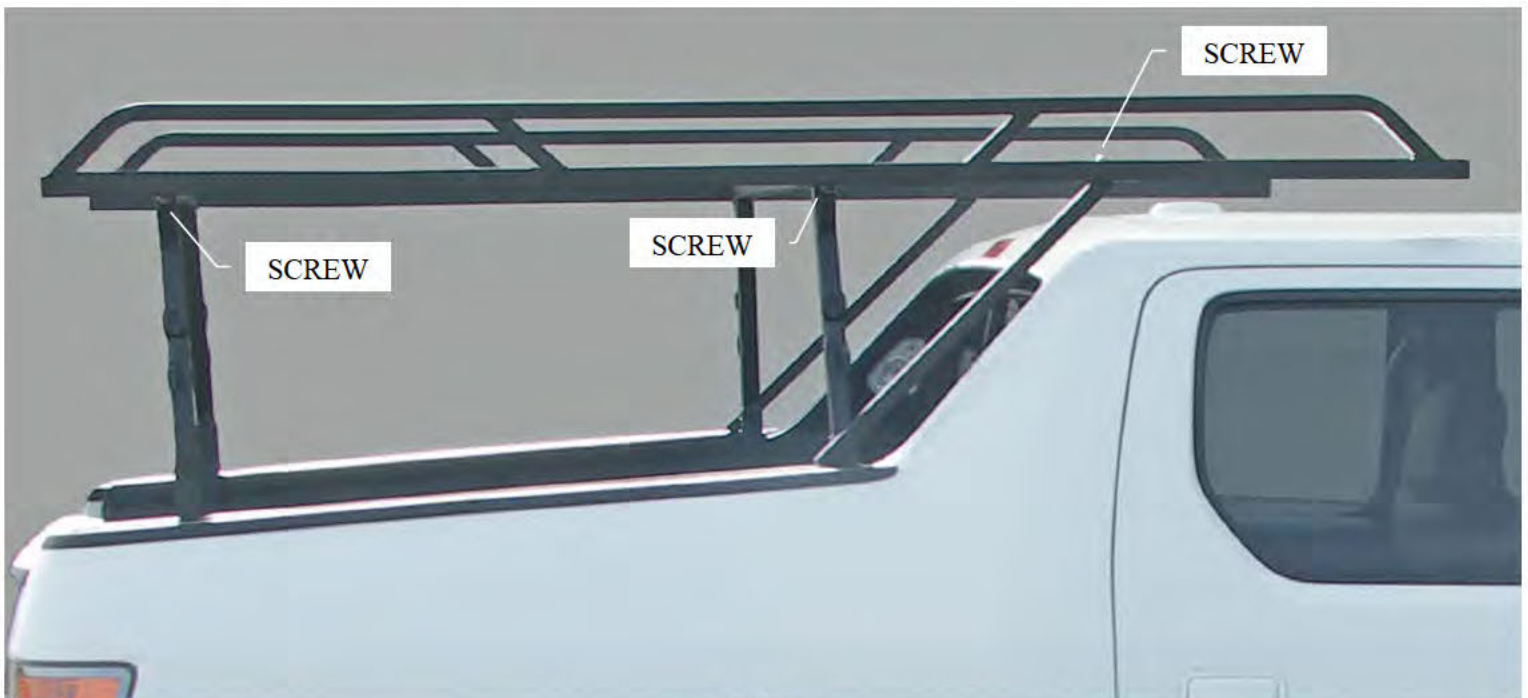


Fig. 9

- 7. Install Front Crossbar.** Examine the Front Crossbar (H) and notice that it has tubes welded to each end which contain a threaded hole. Slide these tubes into the open ends of the Truss Rails so that the hole in the top of each tube aligns with the hole in the top of the Truss Rails. Insert a 1" button head cap screw with nylon washer down into the hole and tighten firmly. When completed the assembly should appear as in Fig. 10, and the complete rack should appear as in Fig 11 below.

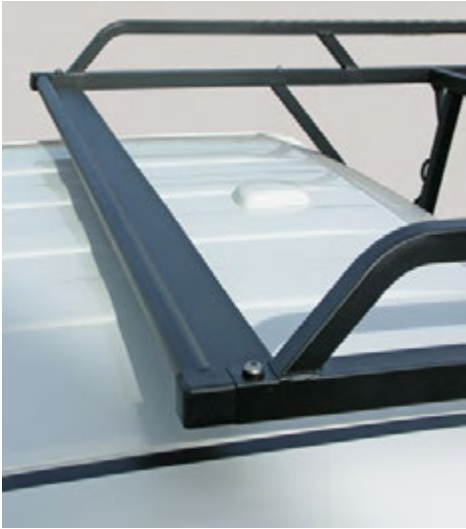


Fig. 10



Fig. 11

8. **Tighten screws and check installation.** Tighten all threaded parts from the top of the rack down. Tighten so that the screws are tight, but not so firmly that you strip threads or damage parts. When installed the rack should sit firmly on the bedrails without moving. Loads can be roped or strapped to the tie-down cleats on the side of the Legs. Do NOT tie-off cargo to or otherwise pull on the Clamp Rails. It is critical that the Clamp Rails remain in the recesses and tight against the side walls of the bed. When properly installed in addition to the Front Rail pressing the Clamp Rails against the side walls of the bed, the Legs themselves will provide modest pressure to keep the Clamp Rails pressed against the side walls. Ensure that when loads are tied, that the straps or ropes do not pull in the Legs of the Rack to pull the Clamp Rails away from the side walls of the bed. Road conditions, temperature and whether can affect vibration and tension on parts. The load, road, and driving conditions can affect the tension on all parts. Check tension on all threaded parts of the rack and on straps periodically to ensure they are tight and that the Clamp Rails remain tight.