



12MAR2017

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

INSTRUCTIONS for Ridge Rack 5 for the 2017 and later Honda Ridgeline
WARNING: Do NOT attempt to install or use this rack without following all instructions.

SPECIFICATIONS and SAFE LOADING REQUIREMENTS

These instructions are intended for the U.S. Rack Ridge Rack 5, Model 2017-5, for 2017 Honda Ridgeline pickup trucks. This rack is designed to carry ladders, boats, canoes, kayaks, lumber, or other cargo not exceeding 500 lbs.

This rack is designed to carry loads, which are spread across the width of the crossbar and shared evenly between the front and rear crossbars. 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 either crossbar or where a force of over 250 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. 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.

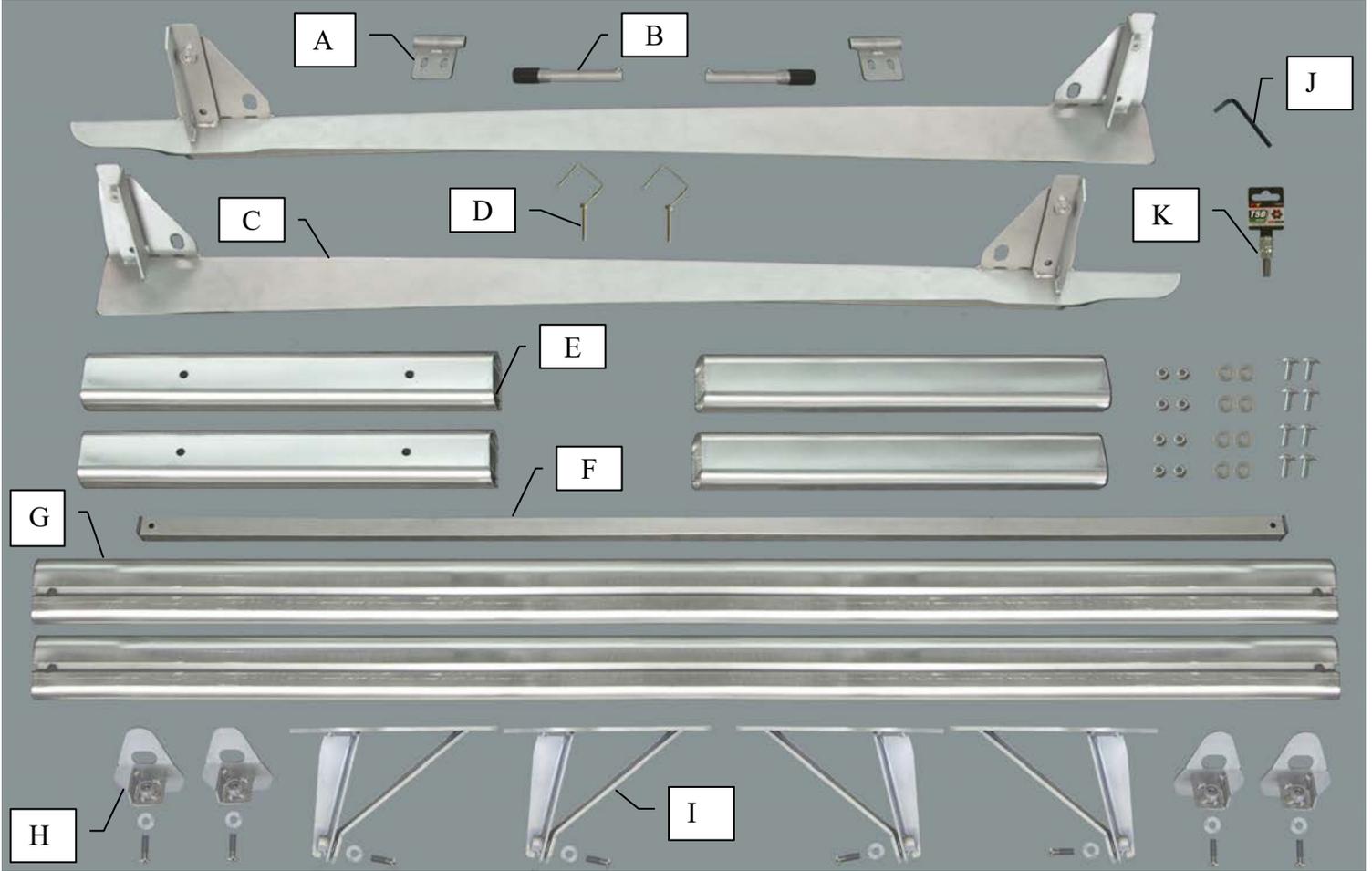
WARRANTY

This product is warranted for a period of three years against all structural defects in materials and workmanship, provided that it is assembled, installed, and used in accordance with all manufacturer's specifications and instructions. The manufacturer cannot warranty the shininess of the finish or warrant the powder coating. Maintaining a brush sheen on the finish of the product is the customer's maintenance responsibility. **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.

FIG. 1



The Ridgeline Truck Rack (Ridge Rack 5) consists of these primary parts:

- A. Safety Bolt Receiver (x2)**
- B. Safety Bolt (x2)**
- C. Base Rail (pair)**
- D. Snap Pin (x2)**
- E. Leg (x4)**
- F. Front Spanner (x1)**
- G. Crossbar (x2)**
- H. Crossbar End Plate (x4)**
- I. Crossbar Gusset (x4)**
- J. Allen Wrench**
- K. T-50 Star drive for 3/8" Ratchet**

Additional Hardware: 3/8-16 x 1" carriage bolts (x8) with 1/2 x 7/8" metal washers (x8); 3/8-16 x 1-1/4 button head hex cap screws (x4); 3/8 x 7/8" metal washers (x12); and 3/8-16 nylon lock nuts (x8).

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

ASSEMBLY

Read ALL instructions through once BEFORE you do anything!



IMPORTANT: Coat the threads of ALL SCREWS with a small amount grease BEFORE ASSEMBLY TO MAKE ASSEMBLY EASIER AND TO HELP PREVENT THEM FROM CORRODING OR SEIZING-UP DURING ASSEMBLY AND DISASSEMBLY.

1. **Insert Carriage Bolts into Slotted Crossbar.** Examine the Crossbars (G) and notice that a slot runs down the length of each Crossbar. Examine the carriage bolts and also notice that a washer is glue to the head of each. Insert two carriage bolts into slot from each end of the bar and space them as shown in Figs. 2-5.

FIG. 2



DISTANCE BETWEEN
BOLTS ABOUT 9 INCHES

INSERT BOLT
INTO END HERE

FIG. 3



FIG. 4



FIG. 5

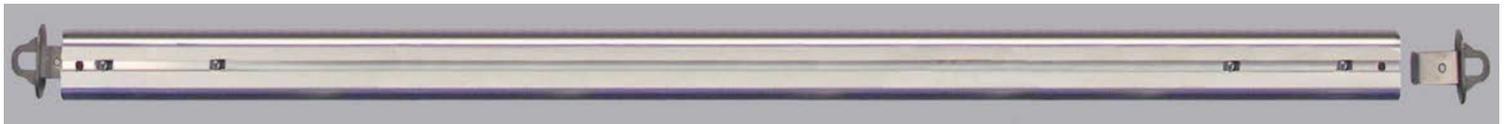


FIG. 6



FIG. 7



FIG. 8

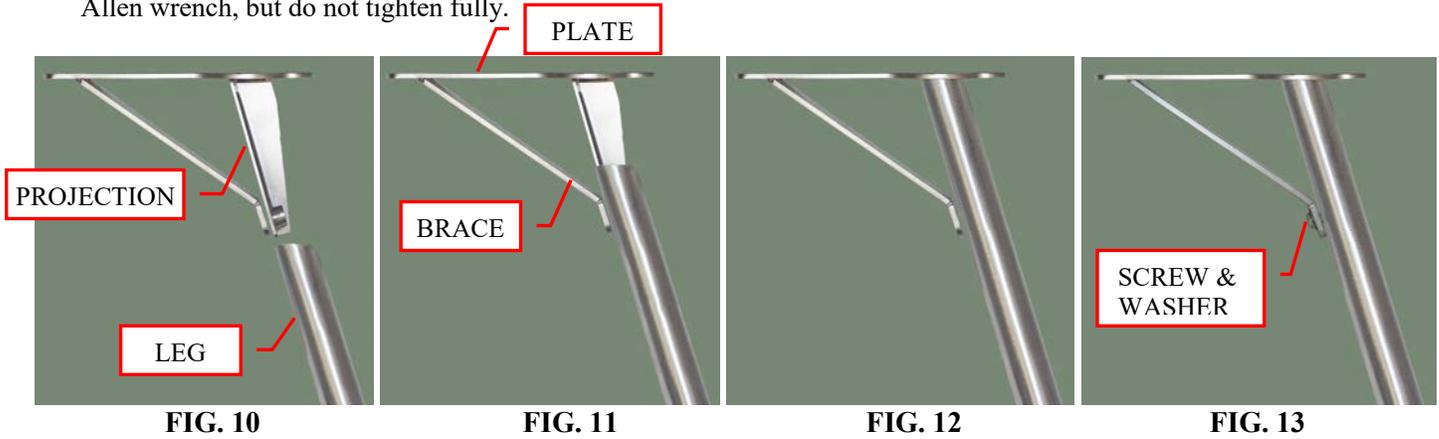


FIG. 9



2. **Insert Crossbar End Plates.** Examine the Crossbar End Plates (H) and notice that each contains a hole with a nylon locknut. When you receive them a 1.25" long button head cap screw and washer may already be threaded into place. Remove the screw, and then insert the projection portion of the End Plate with the threaded hole into each end of the Crossbar as shown in Figs. 5 and 6. Insert the screw with washer and tighten firmly as shown in Figs. 7 and 8. When completed the Crossbar should appear as in Fig. 9. **NOTE: The nylon rings in the locknuts are VERY stiff, so during the initial installation make sure you apply lubricant first and twist firmly to get through the nylon ring.**

3. **Attach Crossbar Gussets of Top of Legs.** Examine the Crossbar Gussets (I) and notice that each has an angular projection extending from the bottom. The projection contains a hole with a nylon lock nut. Also notice that each of the Legs (E) has two holes in one side. As shown in Figs. 10-13, align the angular projection of the Crossbar with the end of the Leg in a way so that the top of the Leg is parallel to the plate at the top of the Crossbar Gusset. Insert the projection down into the Leg until the hole in the side of the Leg aligns with the hole at the bottom of the Brace. Thread a 1-1/4" long button head cap screw with washer through the Brace until it engages the threads of the nylon lock nut. Tighten several turns with the Allen wrench, but do not tighten fully.



INSTALLATION

4. **Attach Safety Bolt Receiver and Safety Bolt.** The Safety Bolt Receiver (A) receives and retains the Safety Bolt (B). The Receiver mounts behind the top Tie-downs at the back of the bed. The purpose of the Safety Bolt is to ensure that the back of the Base Rails cannot slide off the bedrails into the truck bed. To mount each Receiver each Tie-down, shown in Fig. 10, must be unscrewed and removed. As shown in Fig. 14 thru 16, using the T-50 3/8" socket and a wrench, remove the screws holding the tie-down and align the holes in the Safety Bolt Receiver with those in the truck. Then replace each tie-down and retighten. As shown in Figs. 17-19, align the Receiver so that when the Safety Bolt is fully inserted and the snap button at the bottom pops out, there is about one finger of space between the edge of the bedrail and the top of the Safety Bolt.



FIG. 14



FIG. 15



FIG. 16



FIG. 17

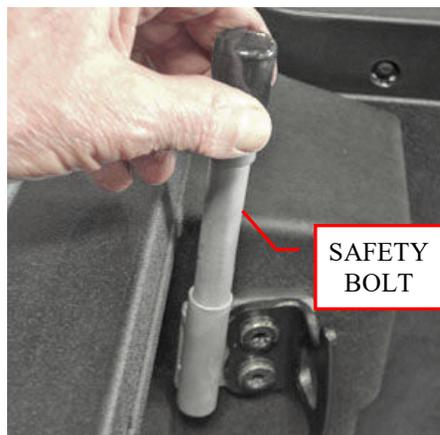


FIG. 18



FIG. 19

5. **Install Base Rails.** Examine the Base Rails (C). Fig. 20 shows Base Rail as would be seen from the outside of the truck. Fig. 21 shows the same Base Rail from inside the truck bed. Notice that the Base Rails have a small “U” shaped structure near the front that has two holes in it. This is the Front Spanner Receiver. Its purpose is to accept and secure the Front Spanner, which keeps the front of the Base Rails securely held in position on the bedrails.



FIG. 20

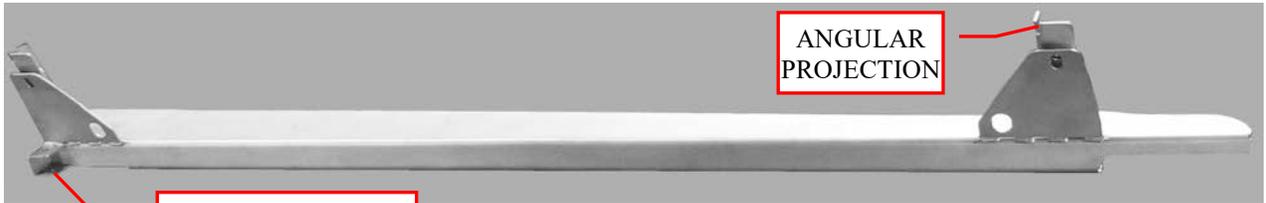


FIG. 21

To mount the Base Rails, first remove the Safety Bolts near the tailgate. Next, position the Base Rails as shown in Fig. 22, and push them onto bedrails so that the interior side of each Base Rail fits around the shape of the corresponding bedrail. Shove fully into position as shown in Figs. 23 and 24.

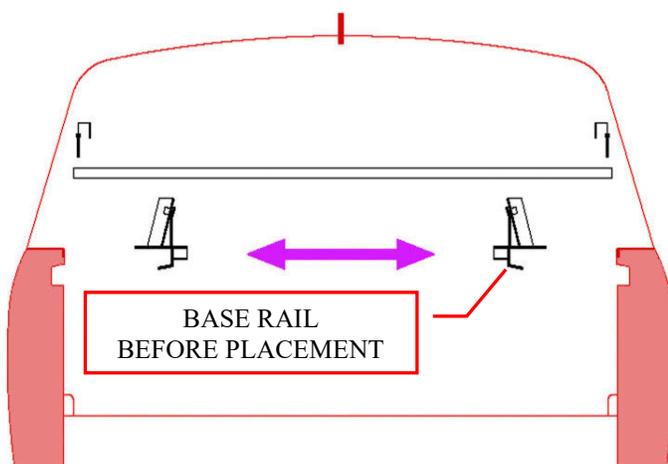


FIG. 22

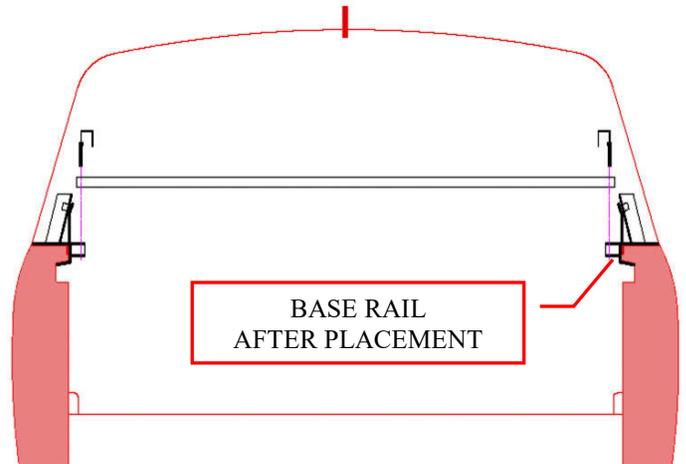


FIG. 23



FIG. 24

After both Base Rails have been installed, insert the Front Spanner into the Receiver in each Base Rail, align the holes, and secure with snap pins. See Figs. 25-27.

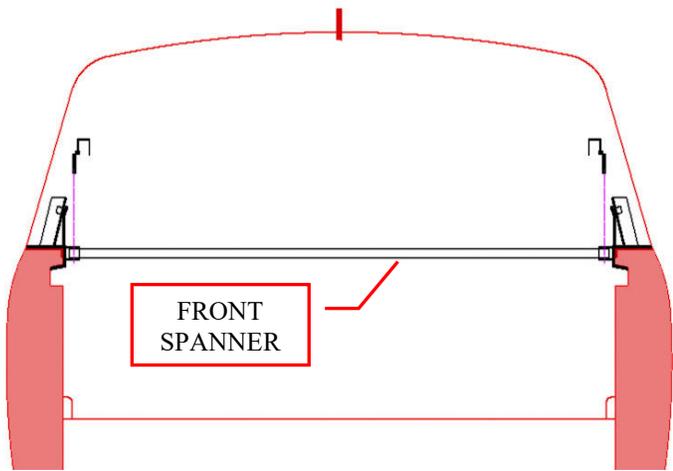


FIG. 25

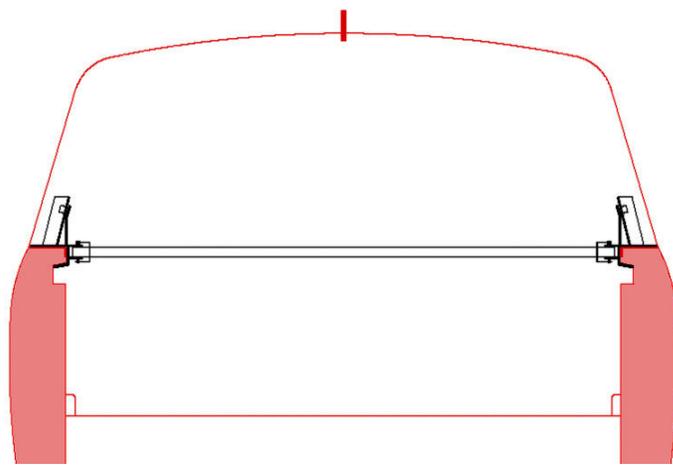


FIG. 26



FIG. 27

After both Base Rails have been installed, insert the Safety Bolts into the Receivers near the tailgate to ensure that the back of the Base Rails cannot come off the bedrails. See Figs. 28-30.

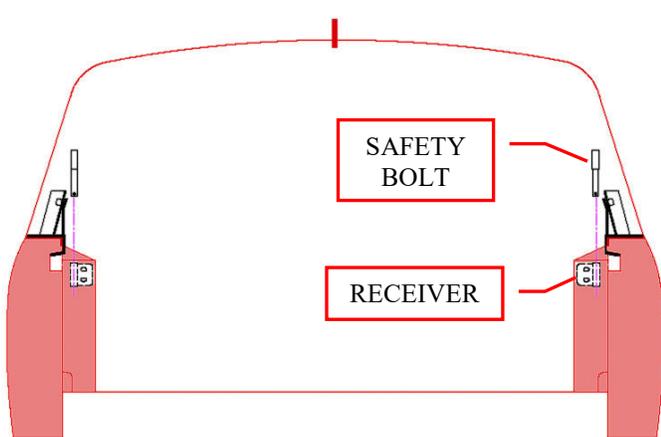


FIG. 28

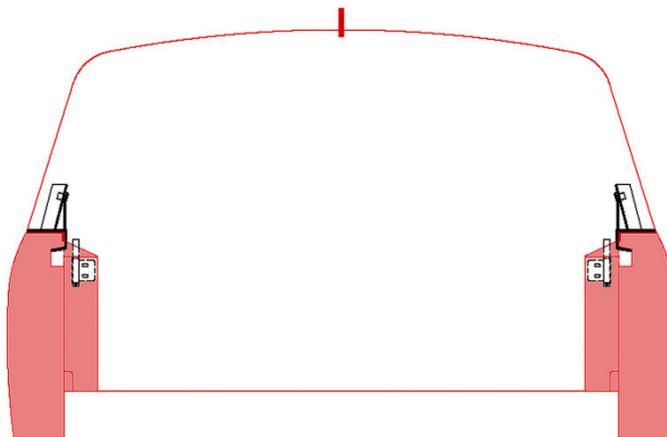


FIG. 29

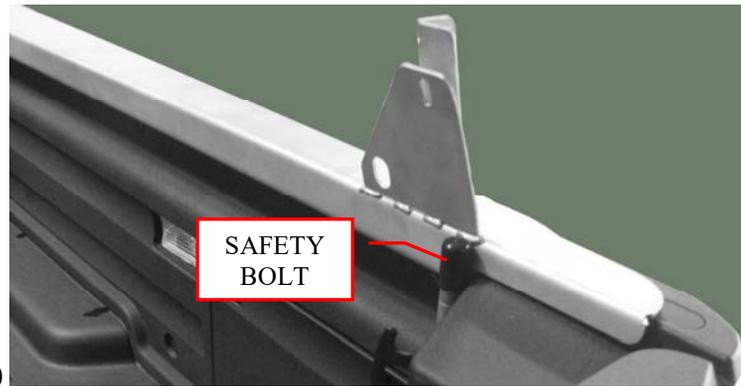


FIG. 30

- 6. Install Legs on Base Rails.** To install the Legs align the angular projection on the top of the Base Rails with the bottom of each Leg. Insert the projection into the bottom of the Leg until the hole in the side of the Leg aligns with the hole in the Gusset. Insert a 1 inch long button head cap screw with metal washer thru the holes and twist into the threads. Tighten a few turns with the Allen wrench, but do not tighten fully. See Figs. 31-34. When completed, the assembly so far should appear as in Fig. 35.

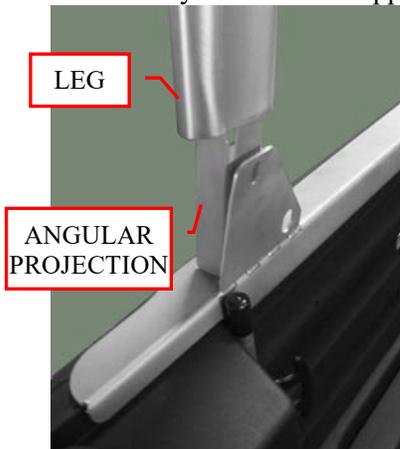


FIG. 31



FIG. 32



FIG. 33



FIG. 34

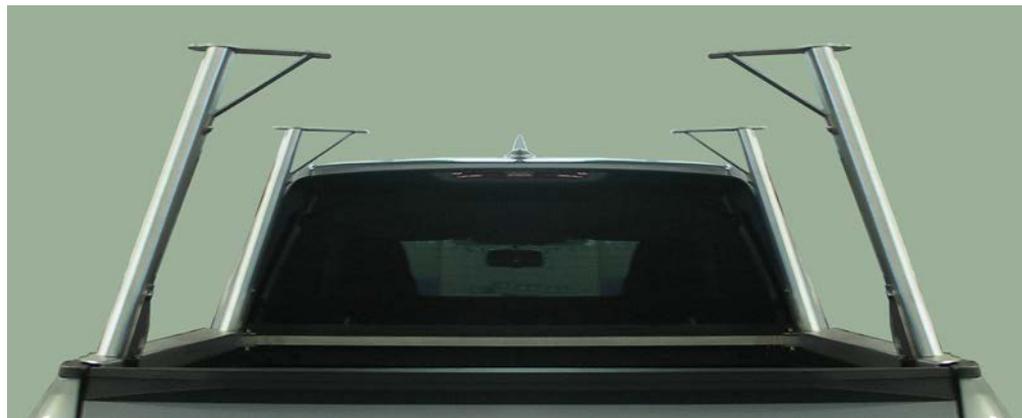


FIG. 35

- 7. Install Crossbars on Legs.** To install the crossbars hold each crossbar above the Legs so that the ends of the carriage bolts hang down and align with the holes in the Gusset at the top of the Legs. As shown in Figs. 36 and 37, lower the crossbar until the bolts insert into the holes and thread a nylon locknut with washer onto the end of each bolt. Now adjust the crossbar to the left or right, if necessary, so that it is centered between the Legs and the distance between the Legs and the ends of the crossbars is the same on both sides. As shown in Figs. 38 and 39, tighten the nuts and also tighten the screws connecting each Gusset Brace to the Legs. Note: It is best to tighten the nuts and screws gradually in succession, tightening each in turn a little at a time. Watch each crossbar as you tighten to ensure it remains straight. If you fully tighten either the nuts or screws before the others, you may cause the crossbar to bend. If this happens, loosen the fasteners, adjust the Legs, and tighten again.

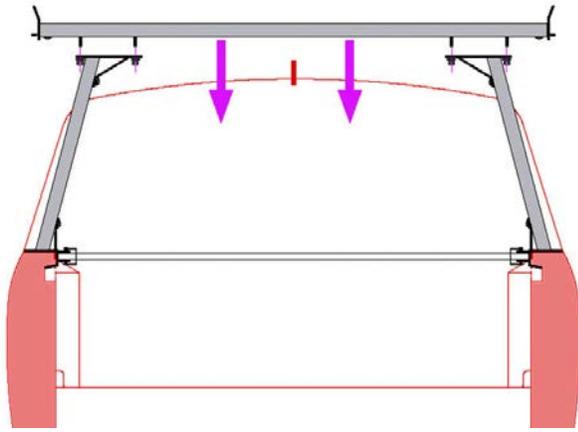


FIG. 36

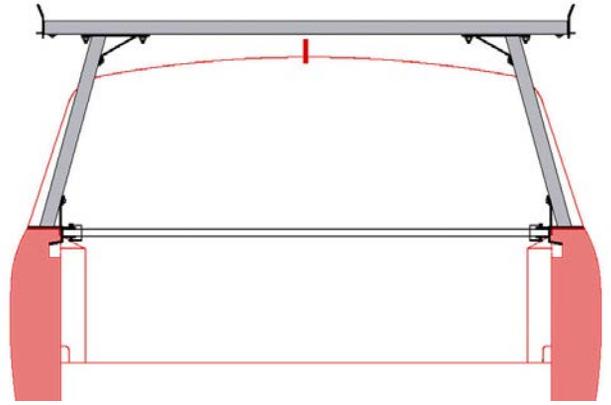


FIG. 37



FIG. 38



FIG. 39

8. **Check Installation.** When completely installed, as shown in Fig. 40, double check to make sure all the fasteners are tight. When using the rack, loads can be roped or strapped to the holes in the gussets at the base of the Legs. Ensure that when loads are tied, the strap or rope tension is not so great as to bend or loosen parts. 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. If you ever find any signs of cracking or structural disintegration, stop using your rack and contact US Rack immediately for advice.

