



## **Instructions for Installing Super Clamps** **SPECIFICATIONS and SAFE LOADING REQUIREMENTS**

This product is intended for use only on ½ ton and ¾ ton pickup trucks with conventional metal fleet side bedrails. It is intended to secure overhead ladder racks that have a steel angular base rail that extends the full length of the truck bedrail and where the height of the vertical face of the base rail is between 1.00 and 1.75 inches. One set of 4 Super Clamps is required to securely hold one rack with a combined rack and cargo weight of up to 1,000 lbs. For loads over 1,000 lbs. and for beds over 84 inches long, 6 Super Clamps must be used. This product is not intended for use on racks where the total load exceeds 1,500 lbs or where it exceeds the carrying capacity of the truck bedrails, nor is it intended for use off road or on rough unpaved or poorly maintained roads.

**WE WANT YOU TO BE SAFE:** Carrying any load can be hazardous. Ensure that loads are neither top-heavy nor concentrated on one end or side of the rack. Make sure all parts of loads are securely tied down against unexpected winds and vibrations caused by road hazards such as potholes. Check all Super Clamps frequently to ensure they remain tight. Clamps can loosen so they should be checked daily and each time you install or load your rack. U.S. Rack, Inc. and its associates are not responsible for injury or property damage resulting from this product being improperly installed, maintained, loaded or otherwise used.

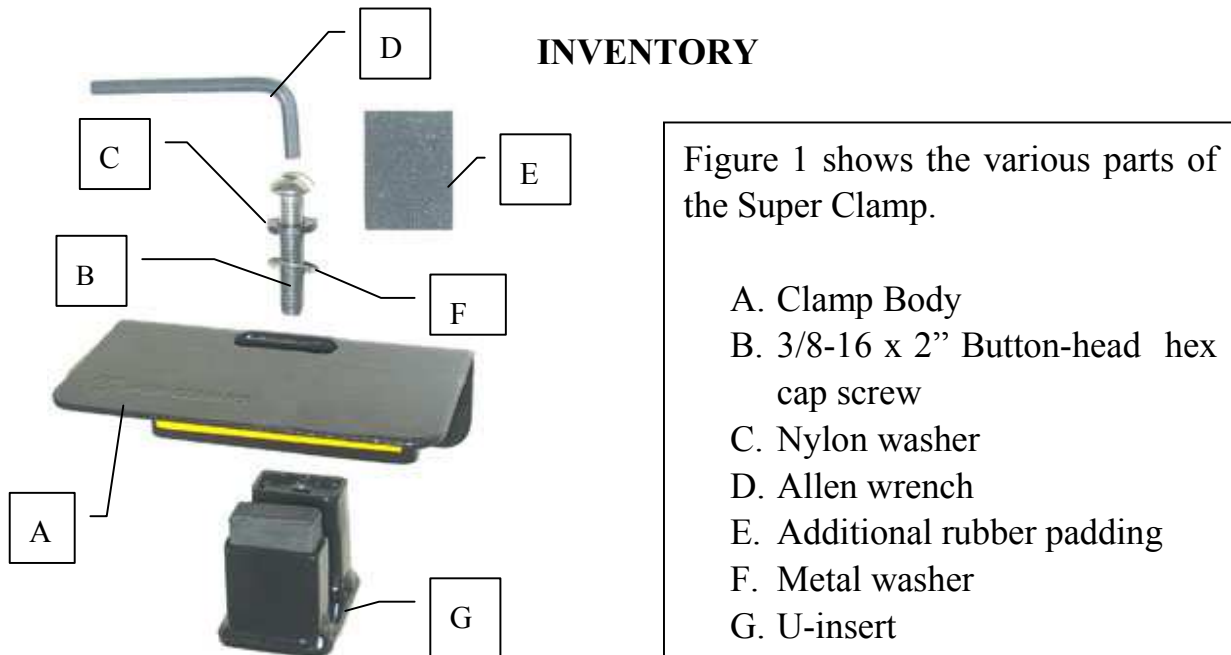


Fig. 1

## **INSTALLATION**

Read ALL instructions through once BEFORE you do anything!

**Your safety is paramount.** Before installing this product, 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 this product. Contact customer service at 888-877-2257 to replace missing or defective parts. If you have questions about installation or about whether this product is designed to fit your rack and truck, call customer service for help.

1. Separate and lay out the components of each Super Clamp as shown in Fig. 1, above.
2. Pick up and examine the components. Notice that the U-insert (G) has two rectangular columns that project upward, one with a threaded hole and the other with a rubber cushion at the top. To assemble the Clamp, hold the U-insert under the Clamp Body (A). Orient the U-insert so that that the column with the rubber cushion is under the horizontal portion of the Clamp Body and the column with the threaded hole in the top is under the rectangular channel of the Clamp Body. Insert the column with the threaded hole into the bottom of the channel. A screw (B) with washers (C and F) may then be inserted through the slot in the top of the Clamp Body and threaded into the hole in the top of the U-insert as shown in Fig 2. Notice also that the slot allows the U-insert to move horizontally within the channel. During installation this allows the U-insert to move horizontally under the bedrail to avoid small obstructions without repositioning the Clamp Body.
3. Examine the extra pad. Notice that there is one pad for each clamp and that the back is removable to reveal a gummed surface.



Fig. 2



The Super Clamp works with racks with full length base rails

Fig. 3

4. Place the rack on the pickup truck so the rack base rails sit on the bedrails of the truck as in Fig. 4.
5. Decide where you wish to place each clamp. Remove the back of an extra pad, lift the base rail of the rack, and stick it to the bottom of the base rail where you intend to center each clamp. This padding will prevent the truck bedrail and rack base rail surfaces from rubbing against one another.
6. Disassemble all Clamps. Position one Clamp Body on top of and near one end of a base rail. The slotted hole should face up and the rubber padding strip already on the bottom of the clamp should sit on the top surface of the base rail as in Fig. 5. Look or feel with your finger under the truck bedrail to see if there are obstructions that would prevent placement of the U-insert at this location.



Fig. 4



Fig. 5

7. While pressing the Clamp Body firmly against the base rail, push one column of the U-Insert up into the bottom of the rectangular channel of the Clamp Body. Simultaneously guide the other column up behind the lip of the truck bedrail until the rubber cushion makes contact with the bottom side of the bedrail. It may require some effort to tightly compress the base rail of the rack horizontally against the truck bedrail to provide sufficient space to properly seat the U-Insert.
8. Place a nylon washer and then a metal washer onto the cap screw. Insert the screw down through the slotted hole and thread it into the hole in the top of the U-insert. Use the Allen wrench to tighten the screw, while simultaneously working the U-insert up **at least ½ inch into the channel**. Ensure the rubber cushion remains seated against the bottom side of the truck bedrail. This may require that you pull back and up on the Clamp Body so it stays flat against the top of the base rail.

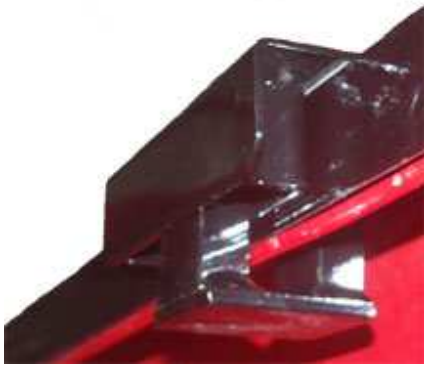


Fig. 6



Fig. 7

9. *If you have an over-the-rail bedliner you will have to cut it to install the Super Clamps. First pull back the bedliner to look or feel under the bedrail to ensure it is clear. Cut a 2.5-inch horizontal slit with a box-cutter just below the base rail of the rack at the point where you wish to install a Clamp. Next cut two vertical slits about two inches long down from each end of the horizontal slit. This creates a tab that can be pushed inward to allow access under the bed rail.*
10. Install another Super Clamp near the opposite end of the base rail. Install a third in the middle if you have a long bed truck or intend to carry a combined rack and cargo weight of over 1,000 lbs. Tighten all screws until the rack is firmly secured to the bedrail but not so tightly that the threads are damaged. Check tightness periodically to ensure Clamps remain tight. If the Super Clamps are installed and removed repeatedly, apply additional anti-seize grease to the screw threads as needed.
11. *If you have a bedliner or unusually thick base rails, the ¾-inch distance between the columns of the U-insert MAY be too narrow to install the Clamps. If the standard Super Clamps will not fit, you may purchase Super Clamps Plus (model 2006-2p). The distance between the columns on this model is 1 inch. Use Super Clamps Plus ONLY when standard Super Clamps have been tried and will not fit, because loose-fitting clamps could rotate and become unsafe.*

## WARRANTY

Super Clamps are warranted for a period of 1 year against all defects in materials and workmanship provided that the product is assembled, installed, and used in accordance with all manufacturer's specifications and instructions. **Merchandise must be returned in the original packaging.** See <http://www.usrack.com/service.shtml> for further info including information on return policy.

Maintenance on the powder coated parts will be required. It is normal that the protective powder coating finish will be scratched or damaged. The metal beneath is subject to rusting. This rack should be periodically inspected for damage and coated with a good quality metal paint in accordance with manufacturer's instructions.