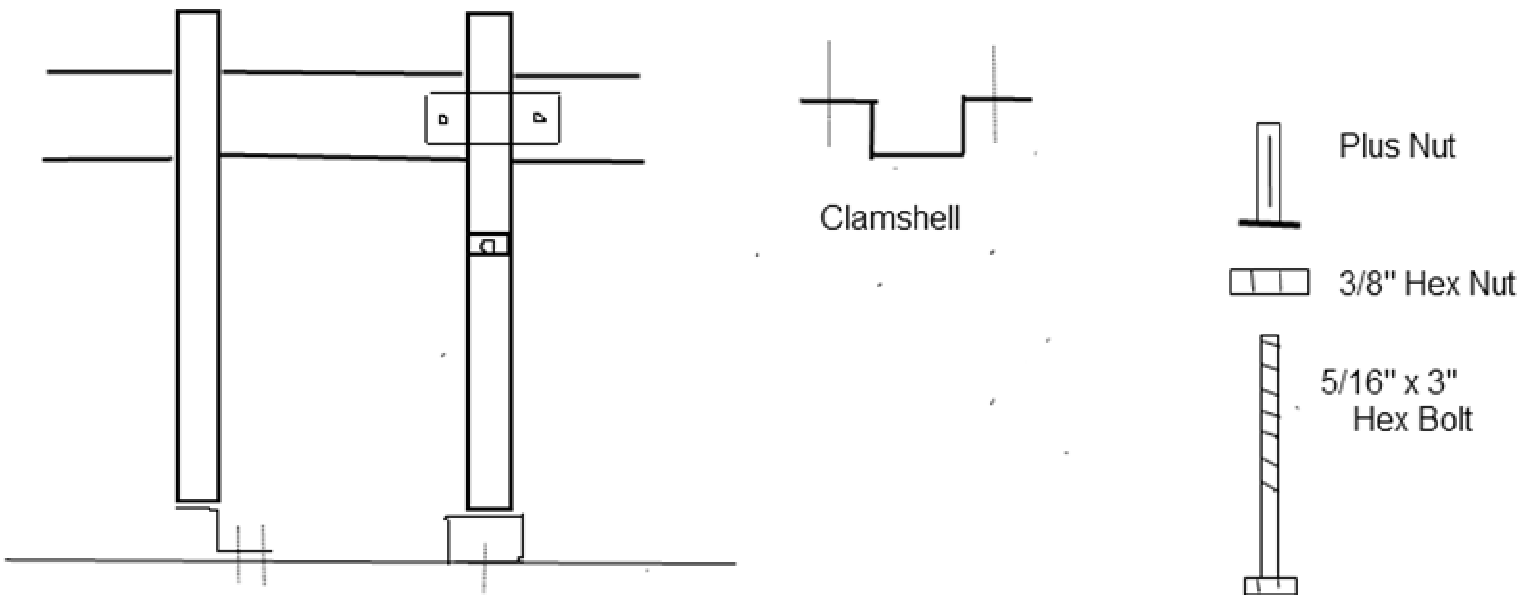


## Installation Instructions for Removable Ladder Racks



1. Place the receiver tubes in the approximate location you will install them. Make sure nothing interferes with the proper installation of the "plus" nuts on both the upper clamshell and lower "S" bracket.
2. Install the upper clamshell first. Drill  $7/16$ " holes that correspond to the holes in the clamshell in the inside bedrail lip.
3. Slide the  $5/16$ "x $3$ " hex bolt through the  $3/8$ " hex nut and then thread the "plus" nut onto the bolt.
4. Insert the "plus" nut through the  $7/16$ " hole in the bedrail lip. Make sure the "plus" nut flange is flat against the bedrail. The thickness of the the bedrail or truck bed where the "plus" nut is installed can be no thicker than 0.20".
5. Hold the  $3/8$ " hex bolt with a  $1/2$ " open or box end wrench and use a  $3/8$ " open or box end wrench to turn the  $5/16$ " bolt. The slots on the "plus" nut will begin to collapse and become easier to turn as it flattens out on the backside of the bedrail. Continue turning until you get about the amount of tension you would feel if tightening a bolt to a nut.
6. After both are properly installed, you can place the clamshell over the receiver tube and use the  $5/16$ " x  $1\ 1/2$ " hex bolts, flats, and split lock washers-in that order-and secure the upper receiver tube to the bedrail. Leave it slightly loose.
7. Use a level for proper alignment of the receiver tube in the bed of the truck. Remember-level to the bed of the truck-the truck may not be on level ground.
8. Repeat the "plus" nut installation process for the bottom "S" bracket. A single bolt and "plus" nut is usually all that is required for a secure installation. Two (2) holes are punched into the "S" bracket to make it easier to secure the "S" bracket to the top of a rib in the truck bed.
9. Tighten all bolts securely and check often. Vibration can cause the bolts to loosen.