



TRUCK LADDER RACK INSTALLATION



Important Safety Information

Please read these instructions carefully before installing the ladder rack as it contains important safety and maintenance procedures.

Failure to follow or comply with all warning and instructions may result in equipment damage, or serious bodily injury.

The TLR Truck Ladder Rack is only intended, and only safe for transporting ladders, lumber, pipes and other similar materials. It is the user's responsibility to ensure that the materials being transported are safely secured on the rack before transporting. Any use of this product for other purposes, or modifications made to this product can cause serious bodily injury and/or property damage.

To prevent resonant vibration damage during driving with unloaded racks, the main supports should be removed and stowed.

Parts List



9x Rivnut



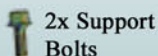
10x Washer



1x Rivnut Install Tool



9x Mounting Bolts



2x Support Bolts



1x Ladder Stop Nut & Bolt

2x Main Supports



1x Ladder-Stop



2x Velcro Tie-Down



2x Adjustable Support Arms

1x Front Mount Foot (longer)



1x Rear Mount Foot



1x Rear Mounting Bracket



Required Tools

1. Power Drill with a 1/8" pilot drill bit and a 15/32 drill bit for rivnut installation.
2. 17mm wrench
3. 14mm socket, 13mm socket with ratchet (or socket wrench)
4. Anti-seize or WD-40 lubricant
5. Magic Marker

Step 1. Mark 9 holes with marker in the pickup truck bedrail for drilling.



Rear
4 Top
1 Bottom



Front
3 Top
1 Bottom



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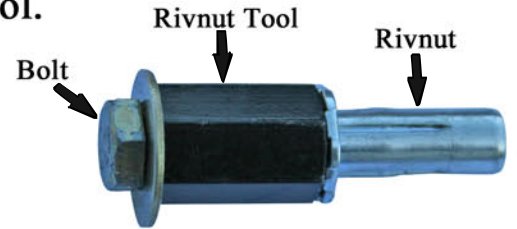
Step 2. Pre-Drill the 9 marked points from Step 1 with the 1/8" pilot bit

Step 3. Drill out each pilot hole from step 2 with the 15/32" drill bit for rivnut installation.

Step 4. Install a rivnut into each hole using the rivnut tool.

*To install a rivnut, a 17mm wrench and 14mm socket is required. Place the wrench over the Rivnut Tool holding it in place while ratcheting the bolt into the rivnut. The bolt will tighten the Rivnut by this action, crimping it into place, similar to how wall anchors work.

*Be sure to lubricate the threads of each rivnut with anti-seize or WD-40 to ensure a smooth installation preventing possible bolt and threading issues.



Step 5. Install the rear bracket with a 13mm socket

* There will be a tight tolerance when securing the outside bolts and a 13mm wrench will be necessary. Do not use washers on the two outer bolts for this reason.



Step 6. Install the front bracket with the 13mm socket.



Step 7. Configure the support arms and lock in place at desired width. Each arm has an adjustable width between 19-1/4" and 34"

Step 8. Install ladder stop with the single carriage bolt and nut.

