



4" Side Bar

Part No. 2599123103



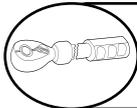
Fits: **Universal Side Load Ladder Rack**



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.



60-180 min



Cutting Required



Drilling Required



support@trailfx.com



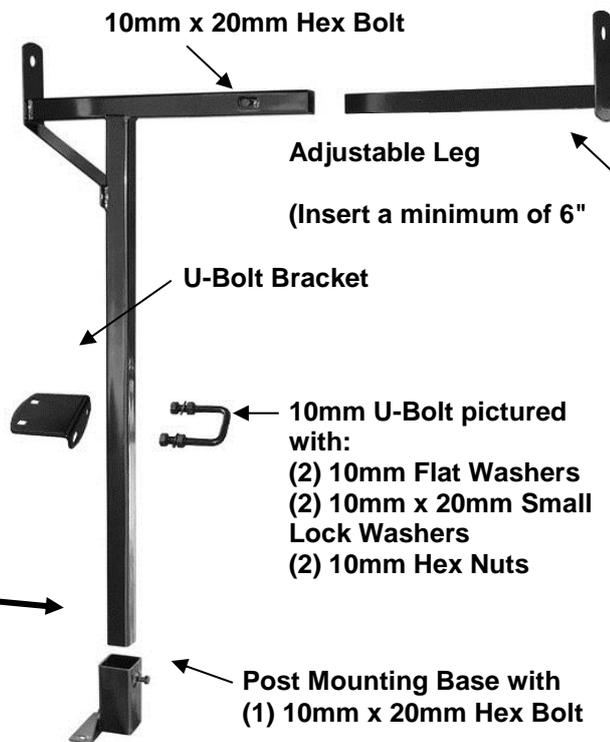
1 866 638 4870



POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

PARTS LIST:

Qty	Part Description	Qty	Part Description
2	Main Posts	4	10-1.5mm x 20mm Hex Bolts
2	Adjustable Legs	8	10mm x 27mm OD x 3mm Flat Washers
2	Post Mounting Bases	4	10mm x 20mm OD x 2mm Flat Washers
2	10mm Special Square U-Bolts w/Hex Nuts	12	10mm Lock Washers
2	U-Bolt Brackets	12	10mm Hex Nuts
8	10-1.5mm x 30mm Carriage Bolts		



The Universal Ladder Rack height can be adjusted to fit a variety of vehicles. Determine the desired height, (leave a minimum 3" of clearance above the top of the cab), and cut off the bottom of the (2) Main Posts. **NOTE:** Cutting the Main Posts will damage the powder coated finish. Paint the exposed bare metal to resist rust.

Complete Assembly Pictured (1 of 2)

INSTALLATION PROCEDURE:**DRILLING IS REQUIRED. ASSISTANCE IS RECOMMENDED. CUTTING OF PLASTIC BED LINER (IF EQUIPPED) IS REQUIRED.**

1. Select (1) Special U-Bolt and slide it onto the Main Post as pictured above. Slide the Mounting Plate over the threaded ends of the U-Bolt and hold in place with (2) 10mm x 20mm Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts. Snug but do not tighten hardware at this time. Slide (1) Post Mounting Base over the end of the (1) Main Post. Lock in place with (1) 10mm Hex Bolt, **(Figure 1)**. Snug but do not tighten locking bolt at this time.
2. With assistance, place the Ladder Rack Post and Base assembly into the desired position at the front of the truck bed, **(Figure 1)**. **NOTE:** The Ladder Rack should be installed as close to each end of the bed as possible for maximum strength. Move the U-Bolt and Bracket up or down the Main Post to properly line up with the top of the truck bed. Trim plastic bed liner (if equipped) as necessary to access the underside of the top edge of the bed. Temporarily hold U-Bolt Bracket in place with a clamp, **(Figure 1)**. Place the Mounting Base on a flat surface on the bed floor. **NOTE:** The Mounting Base can be rotated 180-degrees if necessary to line up with a flat surface but for best access to Lock Bolt, assemble as pictured above with Lock Bolt facing center of truck bed. Check for vertical alignment from the side and the back of the vehicle. Once satisfied, mark the (4) mounting locations before drilling.

VERY IMPORTANT! Before drilling any holes through the top of the bed or the bed floor, check for clearance below the surfaces for the drill bit and mounting hardware. Do not proceed until clearance has been verified or severe damage to the vehicle may occur.

Any cutting or drilling tool may break or shatter. Government regulations require safety glasses & equipment at all times when cutting or drilling.

3. Move the assembled Ladder Rack to a clean surface. Remove the Mounting Base and slide the U-Bolt and Bracket off of the Main Post. Drill the top of the bed and the bed floor with a 7/16" drill bit.
4. Once all holes have been drilled, place the Mounting Base in position and bolt to the bed floor with the included (2) 10mm x 30mm Carriage Bolts, (2) 10mm Lock Washers, (2) 10mm x 27mm OD x 3mm Flat Washers and (2) 10mm Hex Nuts, **(Figure 2)**. Next, bolt the U-Bolt Bracket to the top of the bed with the included (2) 10mm x 30mm Carriage Bolts, (2) 10mm Lock Washers, (2) 10mm x 27mm OD x 3mm Flat Washers and (2) 10mm Hex Nuts, **(Figure 3)**. Tighten hardware.
5. Slide the Main Post down through the U-Bolt and into the Mounting Base. Tighten the 10mm x 20mm Hex Bolt to lock the Main Post into place. Insert (1) Adjustable Leg a minimum of 6" into the Main Post and secure with (1) 10mm x 20mm Hex Bolt. **NOTE:** For added security, always rotate the Main Post so that the Adjustable Leg slides in from the bed-side and not the outer or street side.
6. Repeat Steps 2 – 6 to install the remaining Ladder Rack Assembly.
7. Do periodic inspections to the installation to make sure that all hardware is secure and tight.
8. To remove the Ladder Rack, loosen the 10mm Hex Bolt in the Mounting Base and slide the Main Post up and out of the U-Bolt and Mounting Bracket.
9. The Ladder Rack height can be adjusted to fit a variety of vehicles. Determine the desired height, (leave a minimum 3" of clearance above the top of the cab), and cut off the bottom off of the (2) Main Posts. **NOTE:** Cutting the Main Posts will damage the powder coated finish. Paint the exposed bare metal to resist rust.
10. The Ladder Rack is equipped with holes for rope and/or tie downs. Always tie down loads using the holes and in such a way that the rope/tie downs prevent the Adjustable Leg from sliding out of the Main Post.

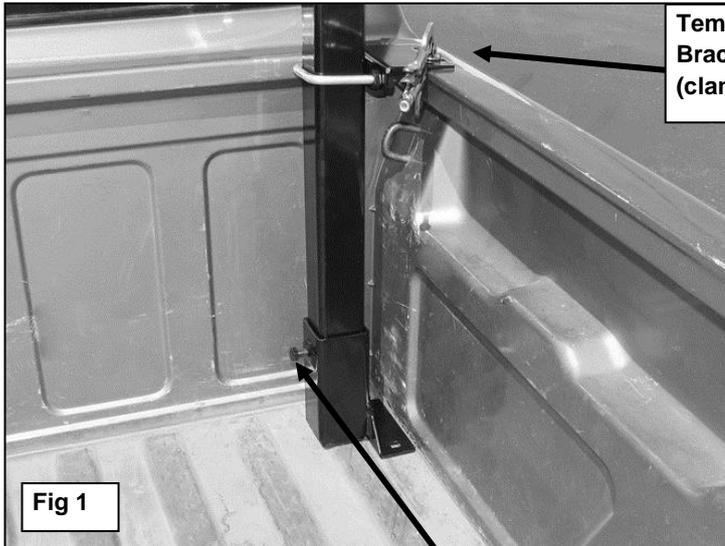
Read and understand all WARNINGS and INSTRUCTIONS before assembly and installation.

Ladder Rack has a maximum load capacity of 250lbs. when properly installed and the load distributed evenly between two complete units. Load capacity is greatly affected by the design, strength and capacity of the intended vehicle and must be determined by installer/user.

Ladders must be secured per ANSI standard A14.2-1990 paragraph 8.4.4.

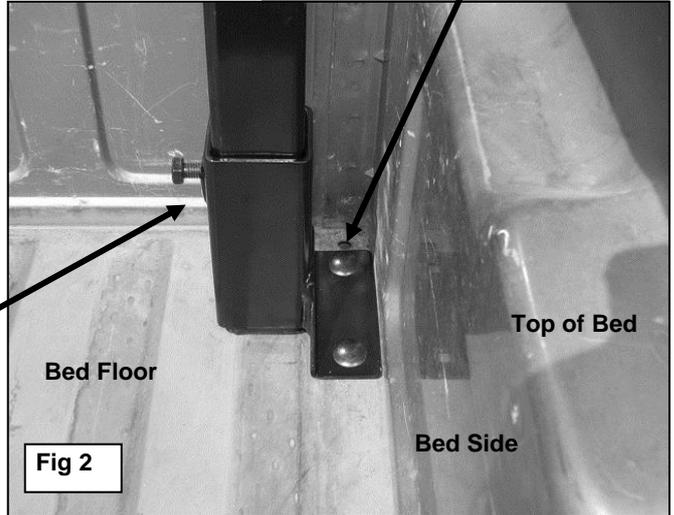
This product is primarily intended for transporting ladders. It can be used for transporting lumber, pipe and other similar materials when properly tied down and not exceeding capacity of the ladder rack or more importantly, the vehicle. It is the responsibility of the user of this rack to safely secure these materials to the rack before transporting. Any modifications made to this product for any other purpose other than its intended use could create a hazardous condition that can cause serious personal injury or property damage.

Any modification or unintended use of this product shall immediately void all manufacturer's warranties. Manufacturer disclaims all liability for injuries to persons or property resulting from any modification to or unintended use of this product.



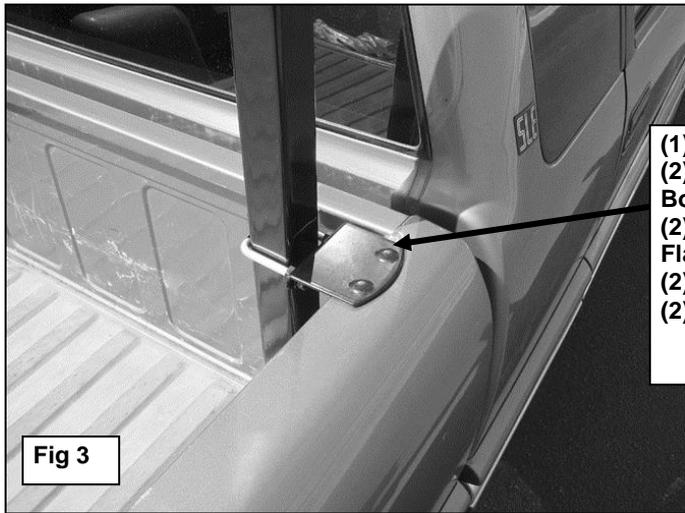
Temporarily clamp
Bracket to vehicle
(clamp not included)

- (2) 10mm x 30mm Carriage Bolts
- (2) 10mm x 27mm Large Flat Washers
- (2) 10mm Lock Washer
- (2) 10mm Hex Nuts



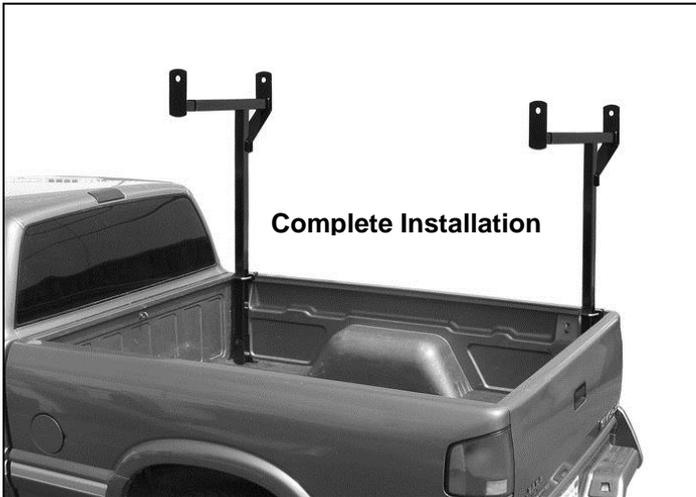
Post Mounting Base with
(1) 10mm x 20mm Hex Bolt

Fig 2



- (1) U-Bolt Bracket
- (2) 10mm x 30mm Carriage Bolts
- (2) 10mm x 27mm Large Flat Washers
- (2) 10mm Lock Washer
- (2) 10mm Hex Nuts

Fig 3

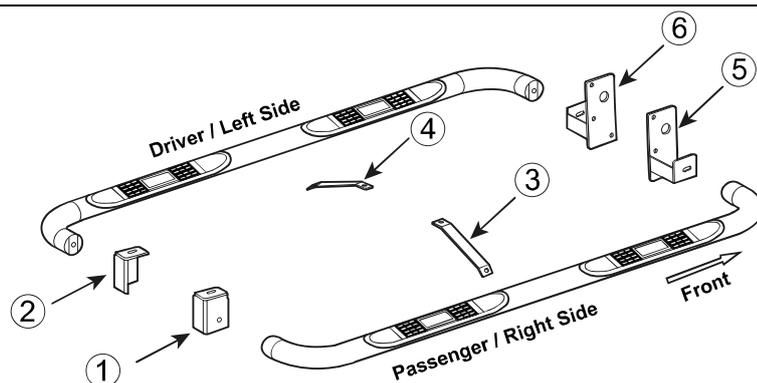


Complete Installation

PARTS IDENTIFICATION GUIDE

Driver Side tube packed using "Green" color foam sheet. Passenger Side tube packed using "White" color foam sheet

No.	Parts Identification
1	Passenger / Right 'Rear' Bracket marked "PR"
2	Driver / Left 'Rear' Bracket marked "DR"
3	Passenger / Right 'Center' Bracket marked "PC"
4	Driver / Left 'Center' Bracket marked "DC"
5	Passenger / Right 'Front' Bracket marked "PF"
6	Driver / Left 'Front' Bracket marked "DF"

**Note:**

- This guide is to identify the parts and not a reference for part count.
- For part count, refer Parts List.
- Product / Bracket image is representative and actual design may vary.

PRODUCT CARE

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's**1. Hardware's are not of correct size.**

In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.

2. Mounting Bracket are not getting Installed properly.

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

3. Products are thumping / rattling after installation.

Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

4. Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.

Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.

5. Missing / Excess Hardware.

Recheck hardware count as per the part list.

6. Product not installing properly.

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

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BULL BAR



GRILLE GUARDS



BED RAILS



RUNNING BOARDS

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