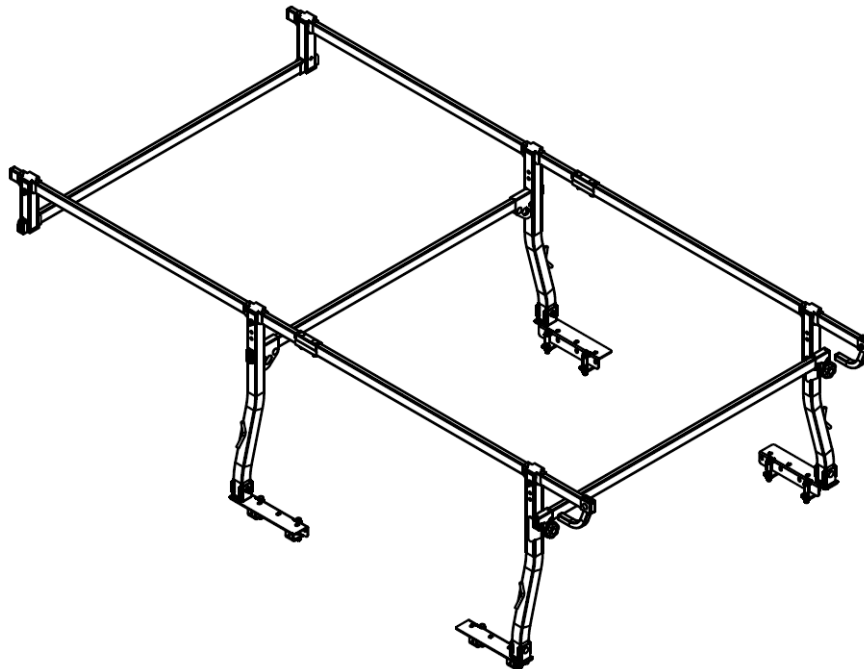




1000LBS UNIVERSAL-FIT STEEL TRUCK RACK

Instruction Manual



Item #10105094

▲ WARNING

- Read and understand all warnings, cautions, assembly, installation and use instructions prior to assembling, installing or using this product. Failure to follow all warnings, cautions and instructions may result in serious injury.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this truck rack. Always be aware of the environment and ensure that the rack is used in a safe and responsible manner.
- NEVER allow other persons to assemble, install or use this product until they have read this manual and have developed a thorough understanding of how the product works.
- NEVER attempt to modify this product or subject it to an installation or use for which it was not designed. Doing so may result in damage and/or serious injury.

SAVE THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE

ASSEMBLY, INSTALLATION, USE AND PERSONAL SAFETY PRECAUTIONS































- Park your truck on a level, hard surface well away from hazards. Place transmission in park and set the parking brake with engine off. If working indoors, ensure adequate clearance for installation and exit prior to starting.
- ALWAYS follow all federal and state department of transportation regulations governing installation and use.
- Verify that installation surface has no hidden wires before installing.
- NEVER allow the rack to come into contact with an electrical source. The rack is not insulated and contact will cause electrical shock.
- ALWAYS wear appropriate safety gear such as ANSI-approved safety goggles and heavy-duty work gloves when assembling, installing, loading, unloading or removing/storing the rack.
- NEVER attempt to assemble, install, load or unload the rack while you are tired or under the influence of drugs or alcohol.
- Keep children and bystanders away from the work area while assembling, installing, loading/unloading the rack.
- ALWAYS thoroughly inspect your rack for loose parts and/or signs of damage prior to each use, installation or removal.
- NEVER use your rack until any loose parts have been properly secured or damaged parts have been properly replaced.
- Maximum weight capacity rating applies only to an evenly distributed and properly secured load on a properly installed rack.
- NEVER exceed the evenly distributed maximum weight capacity of this rack.
- NEVER exceed the rated maximum weight capacity of the truck on which this rack is installed. Refer to the truck's Gross Vehicle Weight Rating.
- Carrying any load can be hazardous. All loads must be tied down securely to the rack to prevent them from changing position or coming loose as a result of wind, road hazards or vehicle movement.
- Top heavy loads increase the chance of rollover. High loads must be transported with GREAT CAUTION to avoid striking objects with low clearance or vehicle tipping during turns, sudden maneuvers or high winds.
- **Be aware of dynamic loading!** Sudden load movement may briefly create excess load causing product failure.

Technical Specifications

Property	Specification
Length	131.4in.
Width	71.9in.
Height	39.6in.
Maximum Weight Capacity	1000lbs.

PARTS LIST

Prior to assembly and installation, make sure all parts are present, intact and undamaged. If you discover missing and/or damaged parts, contact our customer service using the information on page 1.

Item#	Description		Quantity	Item#	Description		Quantity
1	Front Upright		2	16	Handle End Cap		2
2	Driver Side Rear Upright		1	17	L-Clamp		8
3	Passenger Side Rear Upright		1	18	M12x45 Carriage Bolt		2
4	Driver Side Front/Passenger Side Rear Mounting Bracket		2	19	M12x75 Carriage Bolt		4
5	Passenger Side Front/Driver Side Rear Mounting Bracket		2	20	M12x55 Hex Head Bolt		8
6	Crossbar		3	21	M10x70 Carriage Bolt		4
7	Front Side Rail Section		2	22	M10x45 Carriage Bolt		2
8	Rear Side Rail Section		2	23	M12x70 Carriage Bolt		2
9	Connecting Bracket		8	24	M12x100 Hex Head Bolt		8
10	Connecting Post		2	25	M12 Lock Nut		6
11	Anchor Plate		2	26	M10 Lock Nut		6
12	Side Rail Bracket		4	27	M12 Hex Nut		2
13	Handle		2	28	M12 Spring Washer		16
14	M12 Knob		2	29	M12 Washer		16
15	End Cap		10	30	M10 Washer		2

Tools Required

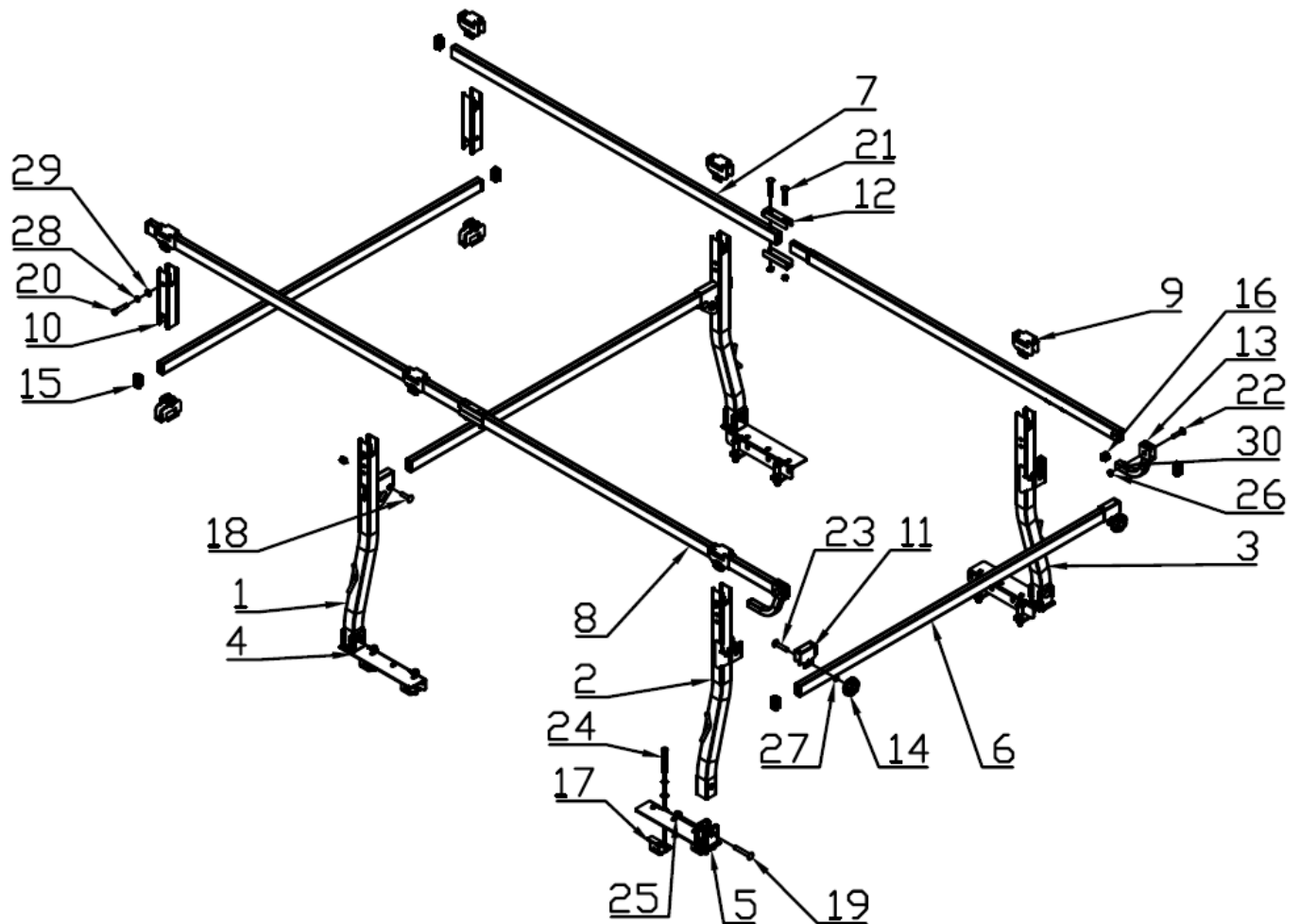


19mm Wrench (1 pc.)



17mm Wrench (1 pc.)

ASSEMBLY/PARTS DIAGRAM



ATTENTION!

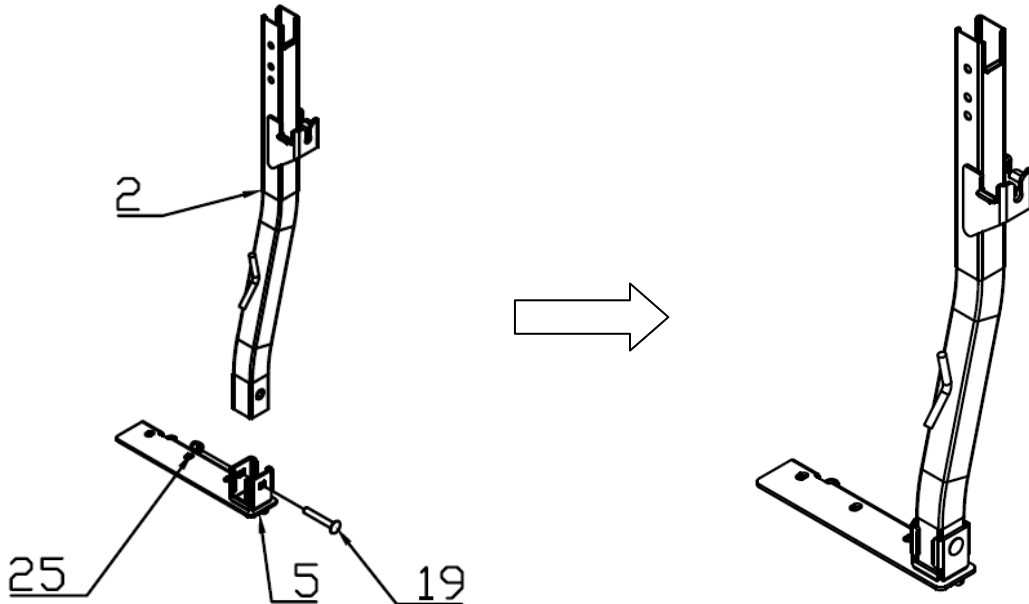
Before beginning the assembly process, we recommend that you confirm the standard Mounting Bracket and L-Clamp rack installation will work on your vehicle. Per the directions in Step 4, check the fit of one Mounting Bracket (4 or 5), and one L-Clamp (17), on the truck bed rail of your vehicle. In the unlikely event the standard L-Clamp installation does not work on your truck, you can consult your truck's maker to determine the proper installation method before assembling your rack.

ASSEMBLY PROCEDURES

Step 1.

Attach the Driver Side Rear Upright (2), to the Driver Side Rear Mounting Bracket (5), and secure in place using a M12x75 Carriage Bolt (19), and a M12 Lock Nut (25). **NOTE:** Completed upright assembly should match Fig.1. Repeat these steps to attach the Passenger Side Rear Upright (3), to the Passenger Side Rear Mounting Bracket (4), as well as both Front Uprights (1), to the remaining Mounting Brackets (4 & 5). **NOTE:** Completed front upright assemblies should match those in Fig.2.

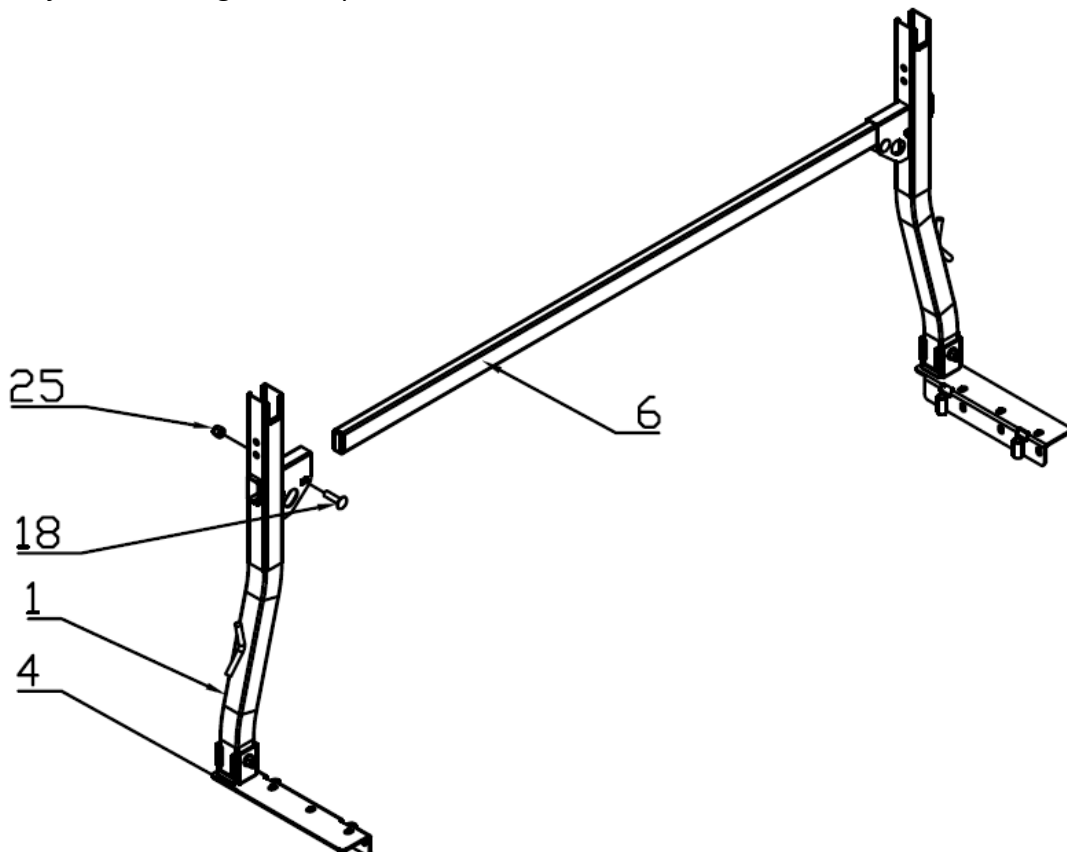
Fig.1



STEP 2.

Attach a Crossbar (6), to both Front Uprights (1) using M12x45 Carriage Bolts (18), and M12 Lock Nuts (25). **NOTE:** Do not fully tighten any attaching hardware until you have completed Steps 4 through 6 since minor adjustments might be required

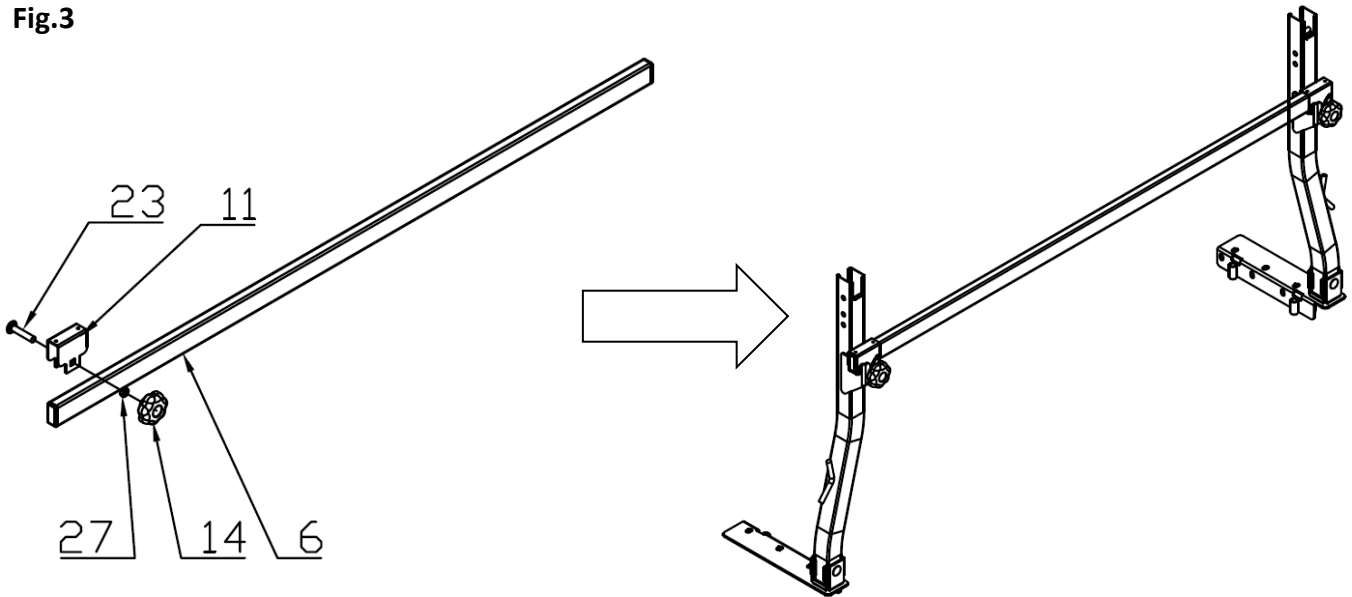
Fig.2



STEP 3.

Attach Anchor Plates (11), to each end of the second Crossbar (6), using M12x70 Carriage Bolts (23), M12 Hex Nuts (27), and M12 Knobs (14). Only finger tighten for now. After hardware is installed, attach the Crossbar (6), to the Rear Uprights (2 & 3), as shown in **Fig.3**. **NOTE:** Do not fully tighten crossbar attaching hardware until you have completed Steps 4 through 6 since minor adjustments might be required.

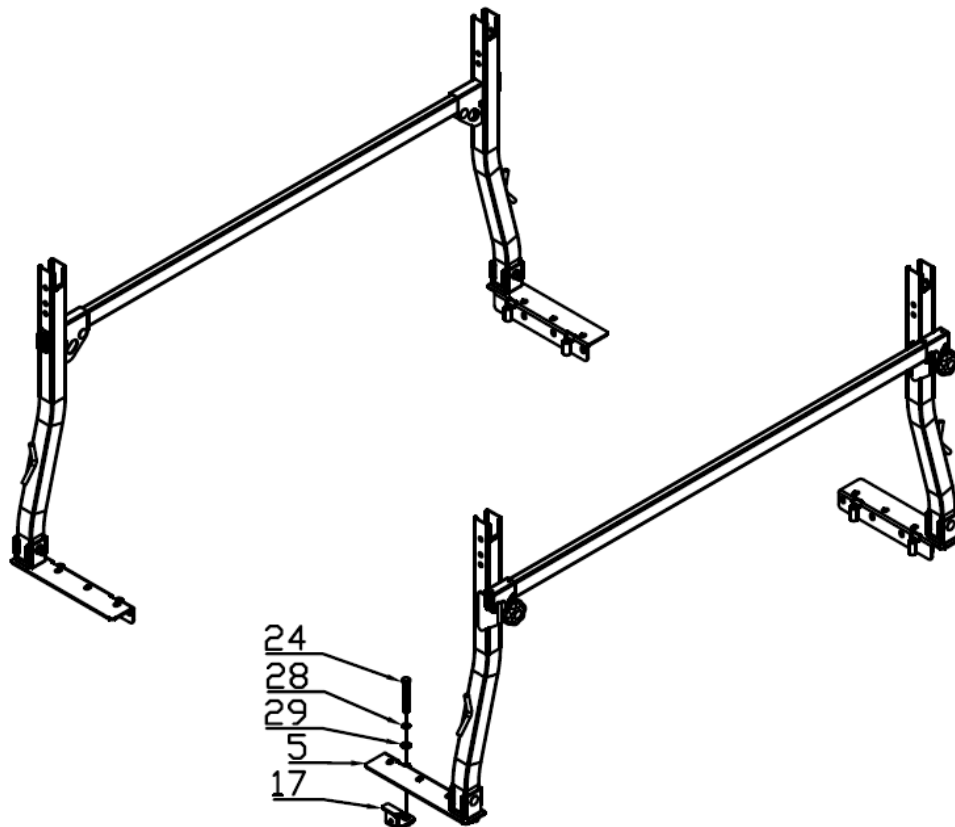
Fig.3



STEP 4.

Secure the mounting brackets of the completed upright/crossbar assemblies from steps 2 and 3 to the rails of your truck bed using L-Clamps (17), M12x100 Hex Head Bolts (24), M12 Spring Washers (28), and M12 Washers (29). **ATTENTION! TWO L-Clamps MUST be installed on each bracket to properly secure the rack to the truck.** If the provided L-Clamps (17) are not a suitable fit for your truck bed rails an alternate mounting method may be possible using the other holes in the mounting plates. Please consult the truck manufacturer regarding suitable mounting options for your truck.

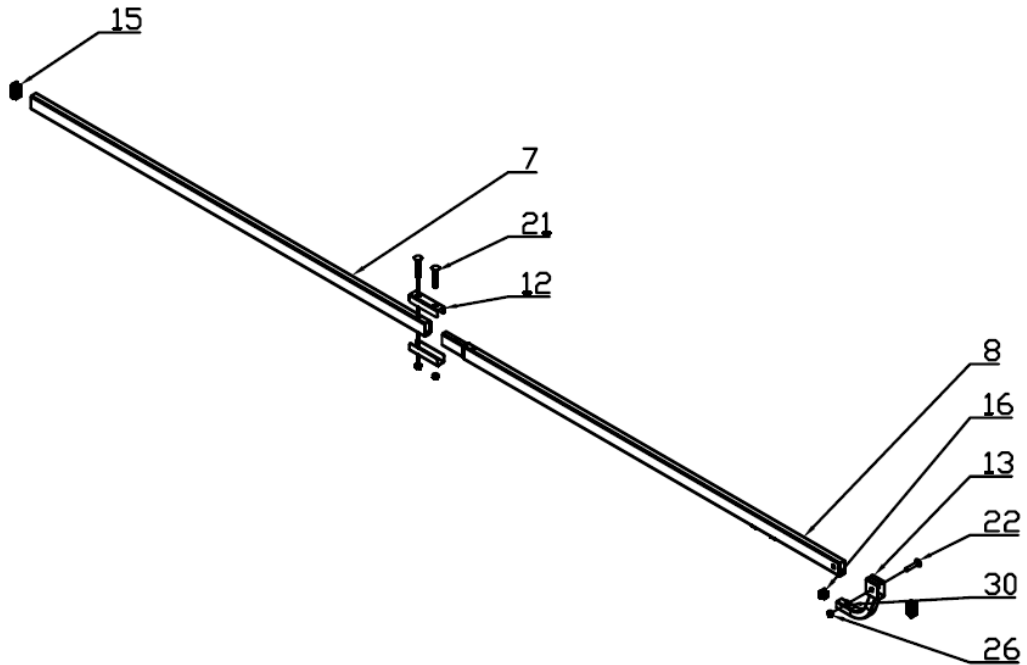
Fig.4



STEP 5.

Join Front and Rear Side Rail Sections (7) & (8), and secure with two Side Rail Brackets (12), two M10x70 Carriage Bolt (21), and two M10 Lock Nuts (26), as shown. Slide a Handle (13), on the end of the Rear Side Rail Section (8), and secure it in place with an M10x45 Carriage Bolt (22), a M10 Washer (30), and a M10 Lock Nut (26). Install End Caps (15), on the both ends of the Side Rail. Install a Handle End Cap (16), on the end of the handle. Repeat this process to complete the second side rail assembly.

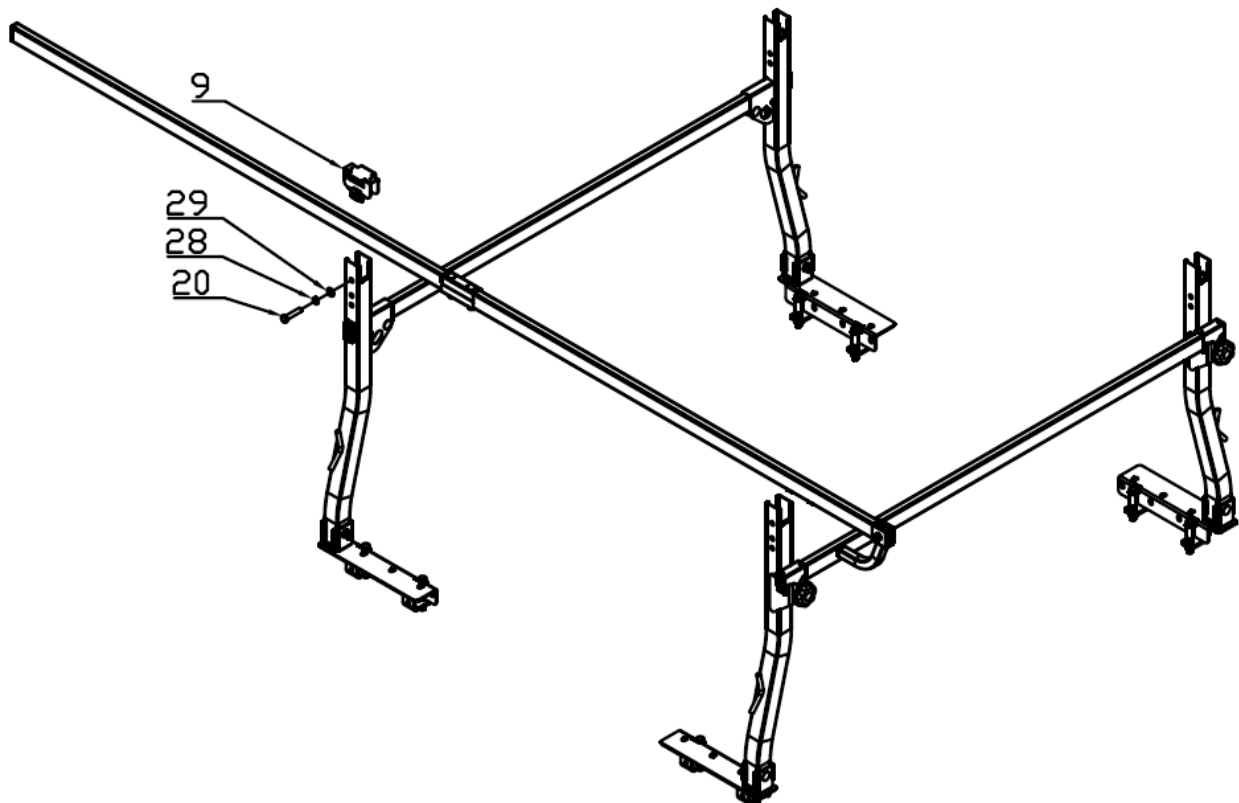
Fig.5



STEP 6.

Attach the completed side rail assemblies to each of the four uprights using a Connecting Bracket (9), M12x55 Hex Head Bolt (20), M12 Spring Washer (28), and M12 Washer (29), as shown in **Fig.6**. Do not fully tighten yet. **ATTENTION! Side rail assemblies cannot be attached to the uprights at the point where the side rail sections are joined together. If necessary, slide the side rail fore or aft to ensure the joint is NOT directly over the attachment point of the front upright.**

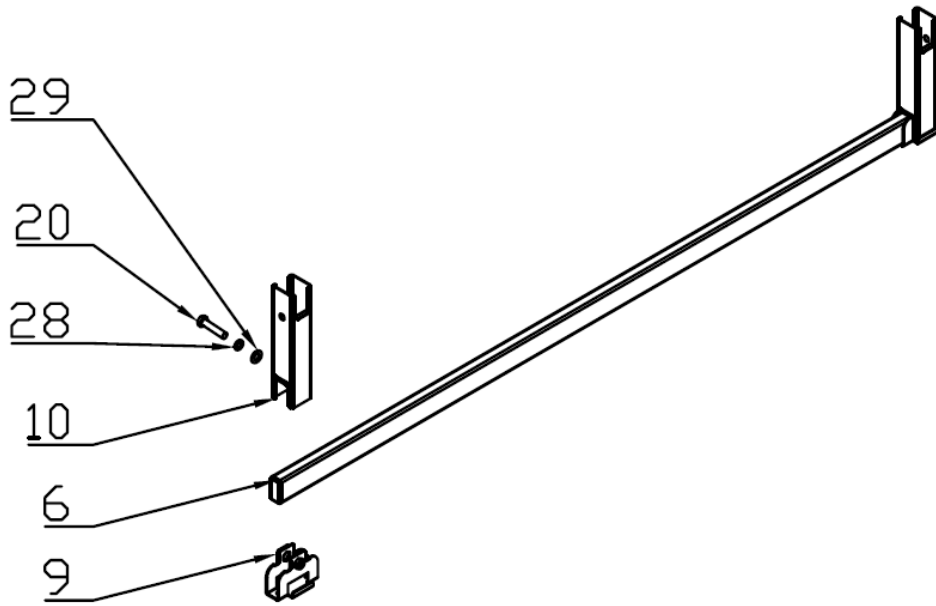
Fig.6



STEP 7.

Attach a Connecting Post (10), to the each end of the third Crossbar (6), using a Connecting Bracket (9), M12x55 Hex Head Bolt (20), M12 Spring Washer (28), and M12 Washer (29), as shown in Fig.7. Do not fully tighten hardware yet.

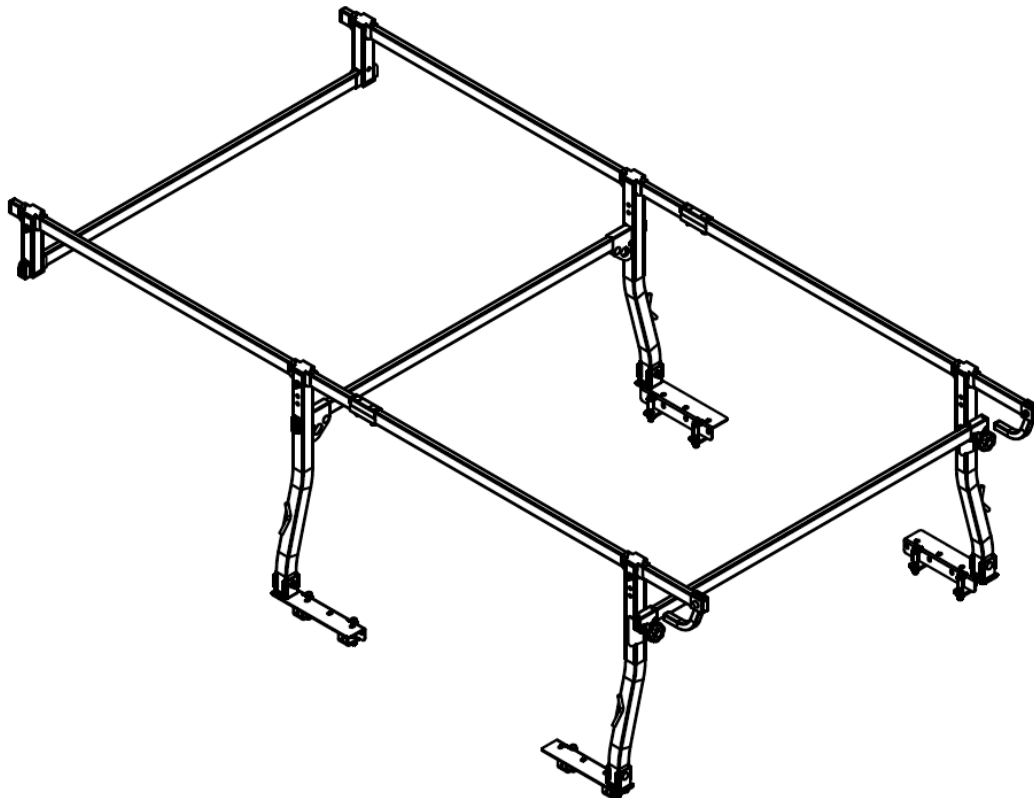
Fig.7



STEP 8.

Attach the third crossbar assembly to the fronts of the side rails over the cab of the truck by repeating the attachment method described in Step 6. **ATTENTION! Once you are satisfied with the position of all rack components, ALL crossbar and side rail attachment hardware should be securely tightened.** Your installed rack should resemble Fig.8

Fig.8



STEP 9.

Perform a final check to ensure ALL hardware has been properly tightened to ensure your rack is securely assembled and attached to your truck. Congratulations! Your rack is now ready for use. Please remember to haul your loads safely.