



YSIDE MOUNT UTILITY TRUCK RACK

Owner's Manual



⚠ WARNING: Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item # 10105020

Intended Use

This unique truck rack transports anything from construction materials and ladders to kayaks and more!

Technical Specifications

Property	Specification
Width	Adjustable 19-32in.
Height	51.2in.
Maximum Weight Capacity	250 lbs.

⚠ WARNING

- Read and understand all instructions. Failure to follow all 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 tool. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- DO NOT allow persons to operate or assemble this product until they have read this manual and have developed a thorough understanding of how the product works.

SAVE THESE INSTRUCTIONS

Important Safety Considerations

- **DO NOT** modify the product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- **Use the right tool for the job.** **DO NOT** attempt to force a small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. It will do the job better and more safely at the capacity for which it was intended. **DO NOT** use this equipment for a purpose for which it was not intended.
- **Industrial or commercial applications must follow OSHA requirements.**

⚠ WARNING

WORK AREA SAFETY

- Inspect the work area before installation. Keep work area clean, dry, free of clutter, and well lit. Cluttered, wet, or dark work areas can result in injury. Installing the truck rack in confined work areas may put you dangerously close to other cutting tools and rotating parts.
- Do not allow the rack to come into contact with an electrical source. The rack is not insulated and contact will cause electrical shock.
- Keep children and bystanders away from the work area while installing the truck rack.
- Be aware of all power lines, electrical circuits, water pipes, and other mechanical hazards in your work area. Some of these hazards may be below the work surface hidden from your view and may cause personal harm or property damage if unintentionally contacted.

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when installing the truck rack, loading and unloading. Do not load the rack while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention may result in serious personal injury.
- Use safety apparel and equipment when necessary. Use ANSI-approved safety goggles or safety glasses with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach when loading and unloading. Keep proper footing and balance at all times.

OPERATION SAFETY

- Carrying any load can be hazardous. All loads must be tied down securely to the rack to prevent them from vibrating or sliding forward, backward, laterally or being blown off or broken by unexpected wind or road hazards such as potholes.
- Check each time you install the rack, load the rack, as well as daily to ensure that all connections are tight. Periodically check welds for cracking caused by metal fatigue.
- Avoid roll over by ensuring that loads are not top-heavy. High loads must be transported with **GREAT CAUTION** to prevent loads from striking low overhead objects or tipping during turns, abrupt stops, or high winds.

⚠ CAUTION

RACK USE AND CARE

- Do not over fill the rack. Racks do a better and safer job when used in the manner for which they are designed. Plan your work, and do not overload.
- Check for damaged parts before each use. Carefully check that the rack will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never load the rack with a damaged part.
- Do not let children play with or around the rack. It is not a toy. Store it in a dry, secure place out of the reach of children. Inspect the rack for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your rack. Accessories that may be suitable for one rack may create a risk of injury when used with another rack. Be aware of the different loading capacities of each accessory.
- Inspect the rack and accessories for damage or excessive wear before each use. If you find damage do not use the rack.

Assembly

Note: A Wrench and an Allen Wrench (not included) are tools required for installation, along with cordless or electric drill with a 7/16" drill bit.



Allen Wrench

Size=8mm



Allen Wrench

Size=5mm



Open Wrench

Size=14mm



Open Wrench

Size=17mm

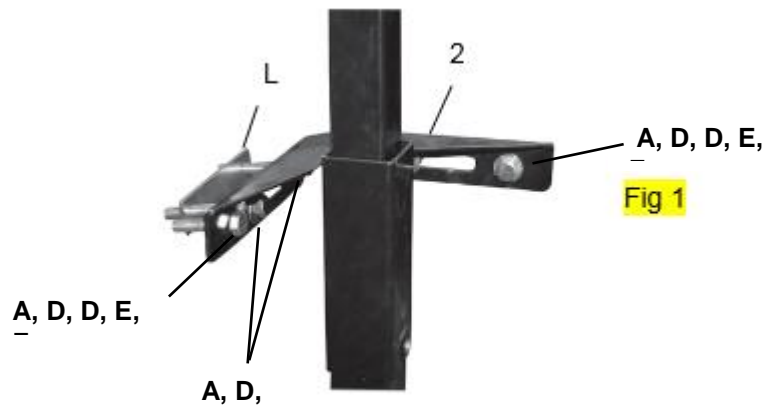
⚠ WARNING

Do not exceed 250 lbs. weight capacity, distributed evenly across both frames. Be aware of dynamic loading! Load movement could cause excess load, causing product failure. Strap ladder securely to rack. When expanding the Arm, leave approximately 2.5" of the tube in the frame.

Step 1 - Refer to Fig. 1

Choose the left or right side of the truck bed on which to mount the Multi-Use Truck Rack. The Front Upright Support Bracket (2) will be bolted to the front bulkhead with one bolt on each side of the upright section and one bolt in the side stake pocket of the truck bed. The height of the Front Upright Support Bracket should allow the Backing Plate (L) to be drawn tightly against the flat surface of the sheet metal of the bulkhead of the truck.

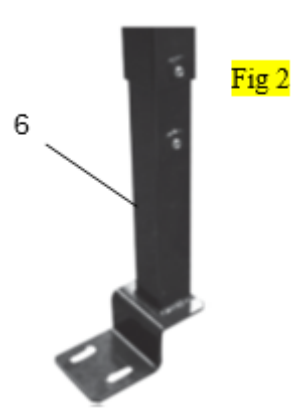
Make sure that the Backing Plate (L) is level and mark the drill holes through the two holes of the Backing Plate (L). Drill ONLY two 7/16" holes in the front bulkhead and ensure that those two holes align with the holes in the Backing Plate. Drill one hole near the center of the stake pocket.



Step 2- Refer to Fig. 2

Insert the Upright Support (6) into the top of the Front Upright Support Bracket. Set them into position in the truck bed. If there are ribs on the floor of the truck bed, ensure that the foot of the Upright Support is set securely on a rib. It may be necessary to reinsert the Upright Support into the Front Upright Support Bracket in 90 degree increments to find a secure position. Make sure that there are no obstructions underneath the foot plate.

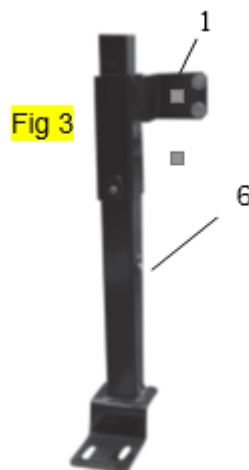
With the Upright Support inserted, attach the Front Upright Support Bracket (2) to the front of the truck bed using three M10 Hex Bolts (A), three M10 Flat Washers (D), and one Backing Plate (L). Position the foot so that the Upright Support is plumb. Mark the two drill holes in the truck bed through the two holes of the foot and drill two 7/16" holes. Attach the foot of the Upright Support to the truck bed using two M10 Hex Bolts (A), two M10 Flat Washers (D), two M10 Lock Washers (E), and two M10 Hex Nuts (F).



Step 3- Refer to Fig. 3

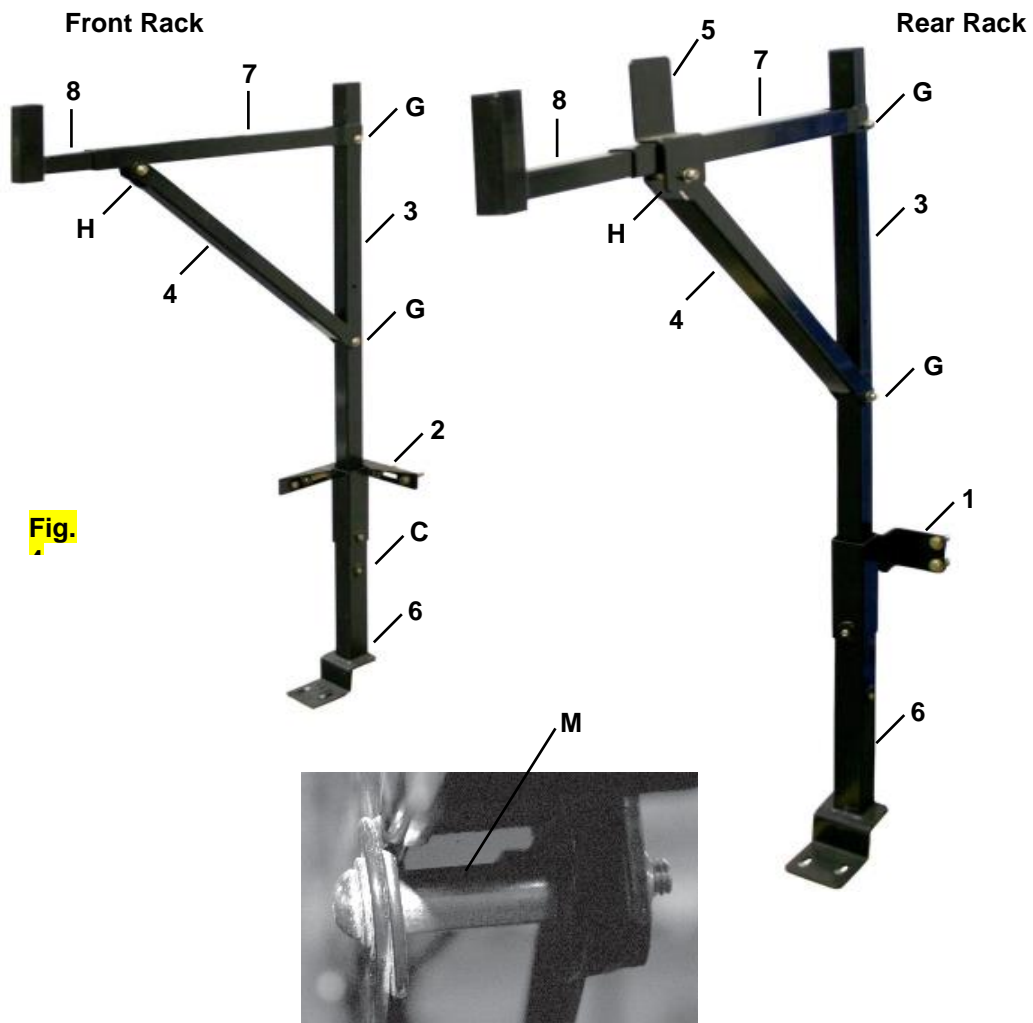
The Rear Upright Support Bracket (1) will be bolted to the vertical inside or forward face of the inner bed wall around the rear stake pocket. With the second Upright Support (6) inserted into the Rear Upright Support Bracket (1) and set plumb into the truck bed with secure footing, position the Rear Upright Support Bracket so that the flange holes are near the center of the stake pocket as high as possible to allow the ends of the bolts and nuts to be accessible. Mark the two drill holes on the inner bed wall at the stake pocket through the two 11mm holes of the bracket flange and drill the holes.

With the Upright Support inserted, attach the Rear Upright Support Bracket using 2 bolts (A), 2 washers (D), 2 lock washers (E), and 2 nuts (F). With the foot of the Upright Support (6) plumb, mark and drill two 11mm holes in the truck bed. Attach the foot to the truck bed using two M10 Hex Bolts (A), two M10 Flat Washers (D), two M10 Lock Washers (E), and two M10 Hex Nuts (F).



Step 4- Refer to Fig. 4

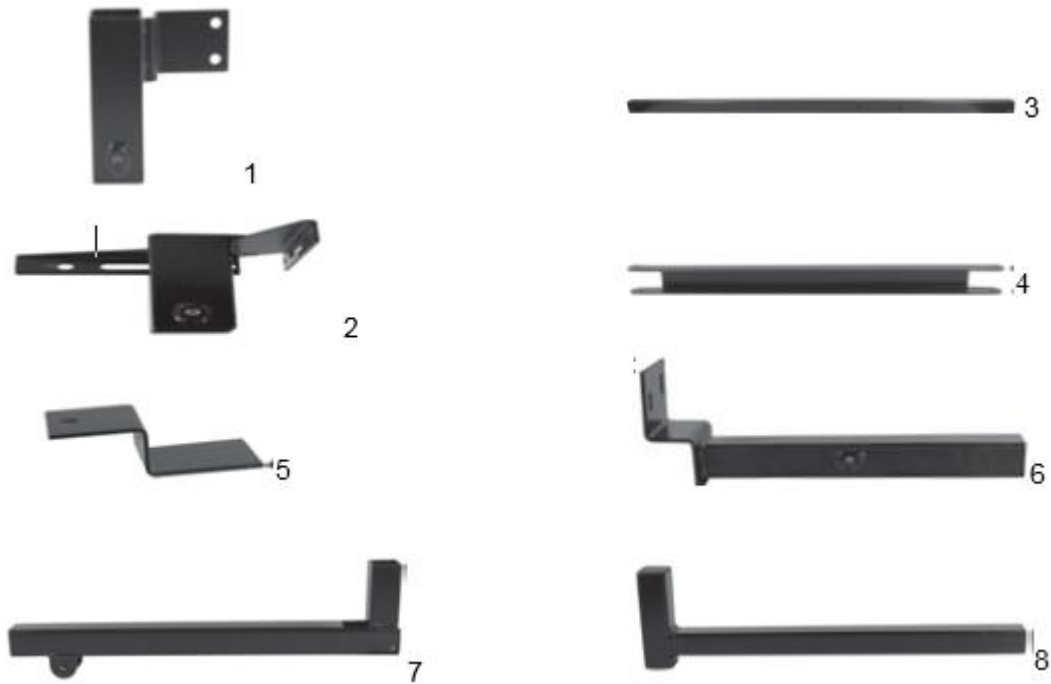
1. Assemble the upper arm using M8 Button Head Bolts (G), M8 Flat Washers (K) and M8 Lock Nuts (J). Use a M8 Button Head Bolt (H) to attach the Ladder Stop (5) with the Spacer (M) in the gap of the Horizontal Cross Arm (7). Insert the Adjustable Arm (8) into the Horizontal Cross Arm (7) and adjust to the desired width. Secure it using M8 x 65 Button Head Bolt (G). Insert the Uprights (3) into the Upright Supports (6). Secure using set screws (c).



Step 5

Tighten all hardware.












Parts Diagram



Parts List

Item#	Description	Quantity
1	Rear Upright Support Bracket	1
2	Front Upright Support Bracket	1
3	Upright	2
4	Vertical Support Arm	2
5	Ladder Stop	1
6	Upright Support	2
7	Horizontal Cross Arm	2
8	Adjustable Arm	2

Hardware List

Bolt#	Description	Pic	Quantity
A	Hex Bolt: M10 x45		10
C	Allen Head Set Screw: M10 x 15		4
D	Flat Washer: M10		18
E	Lock Washer: M10		10
F	Hex Nut: M10		8
G	Button Head Bolt: M8 x 65		4
H	Button Head Bolt: M8 x 60		2
J	Lock Nut: M8		6
K	Flat Washer: M 8		12
L	Backing Plate		1
M	Spacer		2