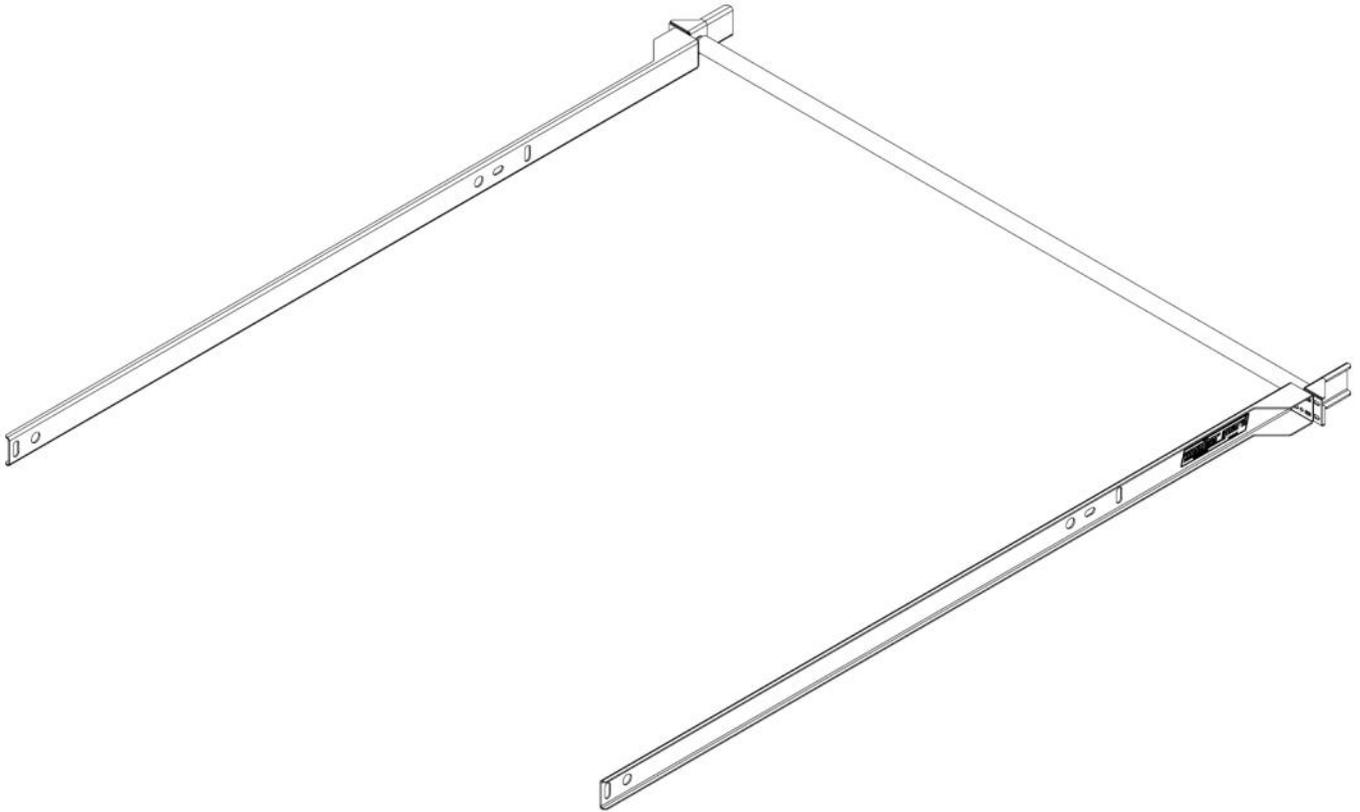




VAN STORAGE SOLUTIONS
FOR THE WAY YOU WORK™

INSTALLATION INSTRUCTIONS for EXPRESS LOAD BAR ACCESSORY



MODEL 23004

ATTENTION: PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS

INSTALLATION GUIDELINES

- WEATHER GUARD® load assist bars are designed to assemble to a WEATHER GUARD® ladder rack and assist in loading ladders onto the rack. If you have not already installed the rack, do so now before proceeding.
- Perform the installation on a level surface.
- Always wear protective eyewear to keep debris out of your eyes when installing WEATHER GUARD® Van Products.
- Tighten all 1/2" hardware to 57 ft-lb when ready.
- Tighten all 1/4" hardware to 76 in-lb when ready.
- **This product is designed and intended for installation to a WEATHER GUARD® Steel Van Rack (216 or 205 w/2056) on Chevy Express and GMC Savana Vans.**
- **All vans will require a center/accessory crossmember.**

OPERATION GUIDELINES

- Any modifications made to this product, or use of this product for any other purpose than its intended use, could create a hazardous condition that can cause serious personal injury or property damage.
- **At the end of the first week of use, check all of the fasteners for proper tightness and then check every three months thereafter.**

HARDWARE KIT

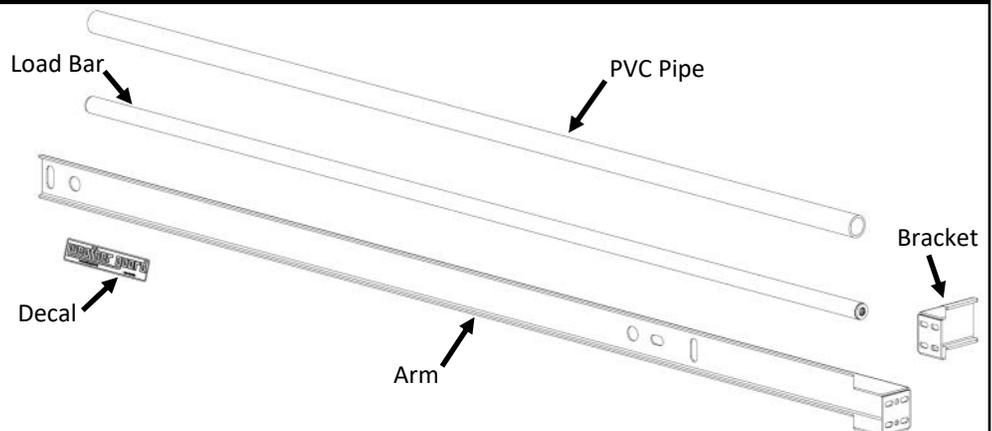
DESCRIPTION	QTY
1/4" Washer	12
1/4"-20 Nylon Lock Nut	6
1/4"-20 x 3/4" Bolt	6
1/2" Lock Washer	2
1/2" Washer	14
1/2"-13 Nylon Lock Nut	6
1/2"-13 x 1" Bolt	6
1/2"-13 x 1-3/4" Bolt	2

TOOLS REQUIRED	
7/16" Socket	Ratchet
7/16" Wrench	Torque Wrench
3/4" Socket	*Impact Wrench
3/4" Wrench	Level

*Suggested for 1/2" x 1-3/4" Bolts; Can be used for 1/2" x 1" Bolts & Nuts; Do **NOT** use for 1/4" Hardware.

PARTS LIST

DESCRIPTION	QTY
Arm	2
Bracket	2
Load Bar	1
PVC Pipe	1
Decal	2



LOAD BAR INSTALLATION INSTRUCTIONS

STEP 1. Assemble Brackets & PVC to Load Bar

- Attach and tighten a Bracket to one end of the Load Bar using a 1/2"-13 x 1-3/4" bolt, 1/2" lock washer, and 1/2" flat washer.



- Slide the PVC Pipe over the other end of the Load Bar.



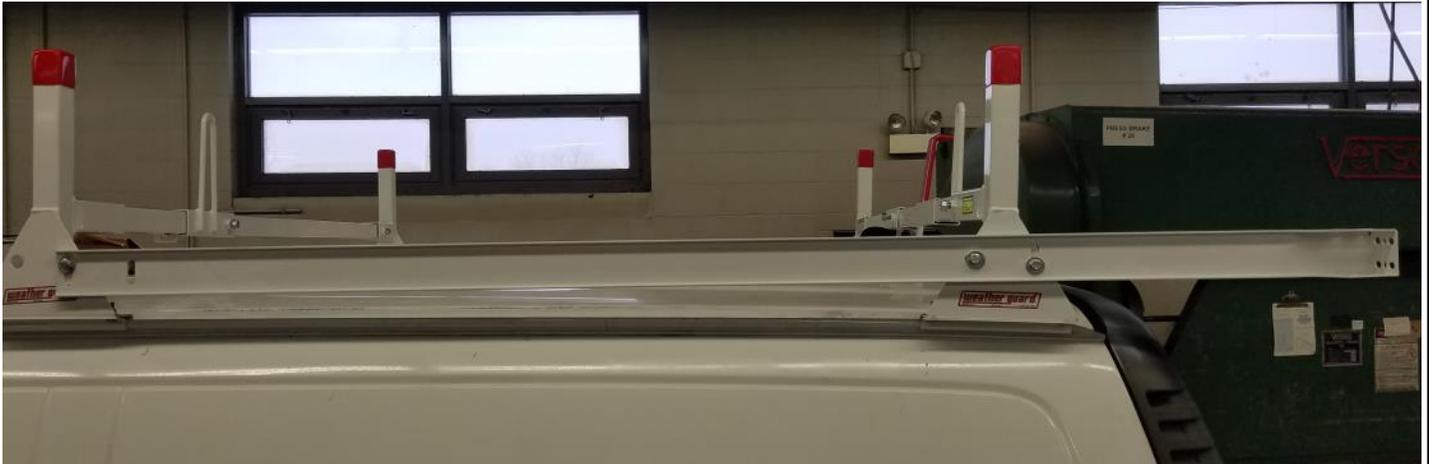
- Loosely attach the remaining Bracket to the other end of the Load Bar using a 1/2"-13 x 1-3/4" bolt, 1/2" lock washer, and 1/2" flat washer.
- Set the Assembly on a flat table top with the bases of the Brackets against the surface of the table.
- Clamp the first, already-tightened, Bracket against the table to prevent the assembly from turning.
- Tighten the loose bolt while keeping the Bracket square against the table and Load Bar.



LOAD BAR INSTALLATION INSTRUCTIONS

STEP 2. Attach Arms to Rack Stands

- Attach an Arm to the Rack Stands as shown below using a 1/2"-13 bolt, (2) 1/2" washers, and a 1/2"-13 nylon lock nut at each hole location. The two obround holes closest to the large flange in the Arm will mount to the rear Stand holes. The Arm's far obround hole will mount to the rear hole in the center Stand.
 - Note: If also installing a ratchet strap accessory (23101), the bracket will mount within the Arm using the same hardware at the shared mounting points (see ratchet strap instruction sheet for further details).
- Use a level when tightening the Arm in place and torque hardware to 57 ft-lbs.
- Repeat for the remaining Arm on the other side of the van.



Shown assembled to a Chevy Express with rear of van to the right

STEP 3. Attach Load Bar Assembly to Arms

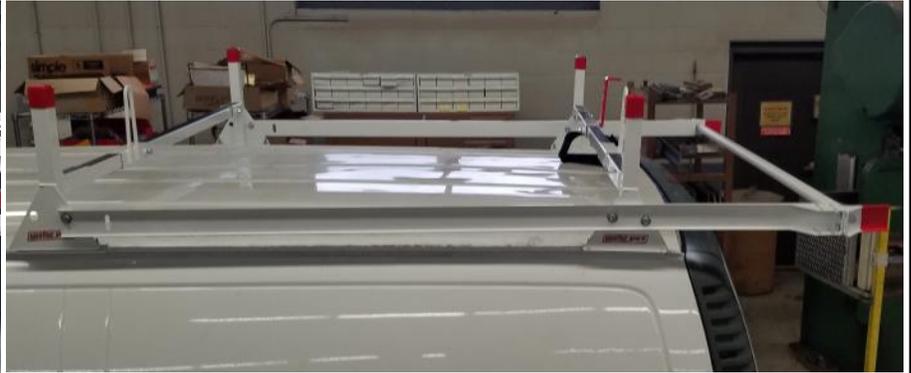
- Hold the Load Bar Assembly up to the Arms and center it from side to side to determine which holes to use to mount the Load Bar assembly to the Arms.
- Use a 1/4"-20 x 3/4" bolt, (2) 1/4" washers, and a 1/4"-20 nylon lock nut to loosely attach the Load Bar assembly to one Arm at the top mounting point, letting the Load Bar assembly hang down.



LOAD BAR INSTALLATION INSTRUCTIONS

STEP 3. Attach Load Bar Assembly to Arms (continued)

- Carefully swing the Load Bar assembly up to reach the other Arm and loosely attach it to that Arm at the top point using a 1/4"-20 x 3/4" bolt, (2) 1/4" washers, and a 1/4"-20 nylon lock nut.
- Loosely attach the bottom hardware on each Bracket.
- Center and square up the Load Bar assembly.
- Tighten all the 1/4" hardware to 76 in-lbs of torque.



Shown assembled to a Chevy Express

STEP 4. Apply W/G Decal to each Arm

- Apply WEATHER GUARD® Decal to the outer face of each Arm behind the last set of holes, but in front of where the flanges flare outward.



Decal Placement on Driver Side. Passenger Side to be mirrored.