



Installation instructions for
Nissan NV

MyGlassTruck.com
(844) 364-4022

Demountable Concepts

Nissan NV Rack Installation

Installation Instructions

ATTENTION:

The success or failure of this equipment could very well depend on a thorough and proper installation. Any missed steps or improper procedures could result in serious injury or death to the installer or end user. Read and understand the contents of these instructions before proceeding.

IMPORTANT:

When installed, this Glass Rack must not alter or prevent vehicle compliance to any existing state or federal standards. Each vehicle manufacturer's recommendations should be consulted for compliance.

NOTE TO INSTALLER

Prior to installation read the entire Instruction guide and all of the Installation Instructions to familiarize yourself with this system.

INSTALLATION INSTRUCTIONS

INTRODUCTION

EVEN THOUGH THE FOLLOWING GOES WITHOUT SAYING, WE FEEL COMPELLED TO STATE . . .

This Glass Rack system should only be installed by those with sufficient basic skills to understand the installation and operation of glass carrying equipment, along with the equipment on which these systems are installed. These installation instructions are not intended to give rationale for all of the instructions that are given; however, it is the intent of these instructions to give the installer both the operations and what we believe to be the most desirable sequence of implementing these operations. These instructions can in no way expand into an area where they will replace a qualified person, or clear thinking, common sense and a basic knowledge that must be possessed by the installer.

We urge the installer (or anyone else) to call us if they have any questions. We have qualified personnel at our Glassboro, New Jersey plant to answer any questions that you may have. A detailed discussion on the telephone is far more satisfactory and productive than a detailed written explanation.

It has been our experience that a knowledgeable journeyman following these installation instructions and observing the operation of the Glass Carrying System will have sufficient comprehension to enable this person to troubleshoot and correct all normal problems that may be encountered. However, again we urge you to call us at our Glassboro, New Jersey plant if you find any problems during installation or have any doubts or questions.

MyGlassTruck.com
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Required tools: Electric Drill or Cordless, 5/16 & 3/8" drill bits, 9/16 and 1/2" sockets and wrenches, impact gun not needed but highly suggested.

Attaching the rack to your Van

Use Bag V-2 for this next part.

Find the front of the rack, identified by the holes where the front body stop will go

Place the rack up against the side of the vehicle with the upper mount $\frac{1}{2}$ " below the rain gutter / roof line. Use jack stands or wooden blocking to support the rack. Make sure the carrier does not interfere with any doors or fuel openings. Be sure your supports are strong enough to support the weight of the rack.



Set the pitch of the carrier by moving the bottom in or out. Be sure to keep the rack as close to the Nissan NV as possible. If the rack is touching the NV, be sure to use a rubber or foam pad between the NV and the rack. Try to keep about $\frac{1}{2}$ " between the rack and the NV. The recommended pitch angle is 5 degrees. DO not exceed the legal width limit of 102".

Make Sure that the rack does not interfere with the front doors or the fuel door.



Drill 5 holes through the NV and through the racks main mounting angle. If the NV is double walled remove the inside panel wall for the bolts then reinstall the panel when finished.

Close-up Of Bolts Through Skin Of Vehicle



Try to drill through the NV where the roof and the wall meet. (See photo below). Drill from the inside out through the slots. (MGT will not be responsible for torn NV side walls due to improper installation.) **(Bag V-2 Hardware)**

Try To Drill Through This Part Of The Inside Of Nissan NV



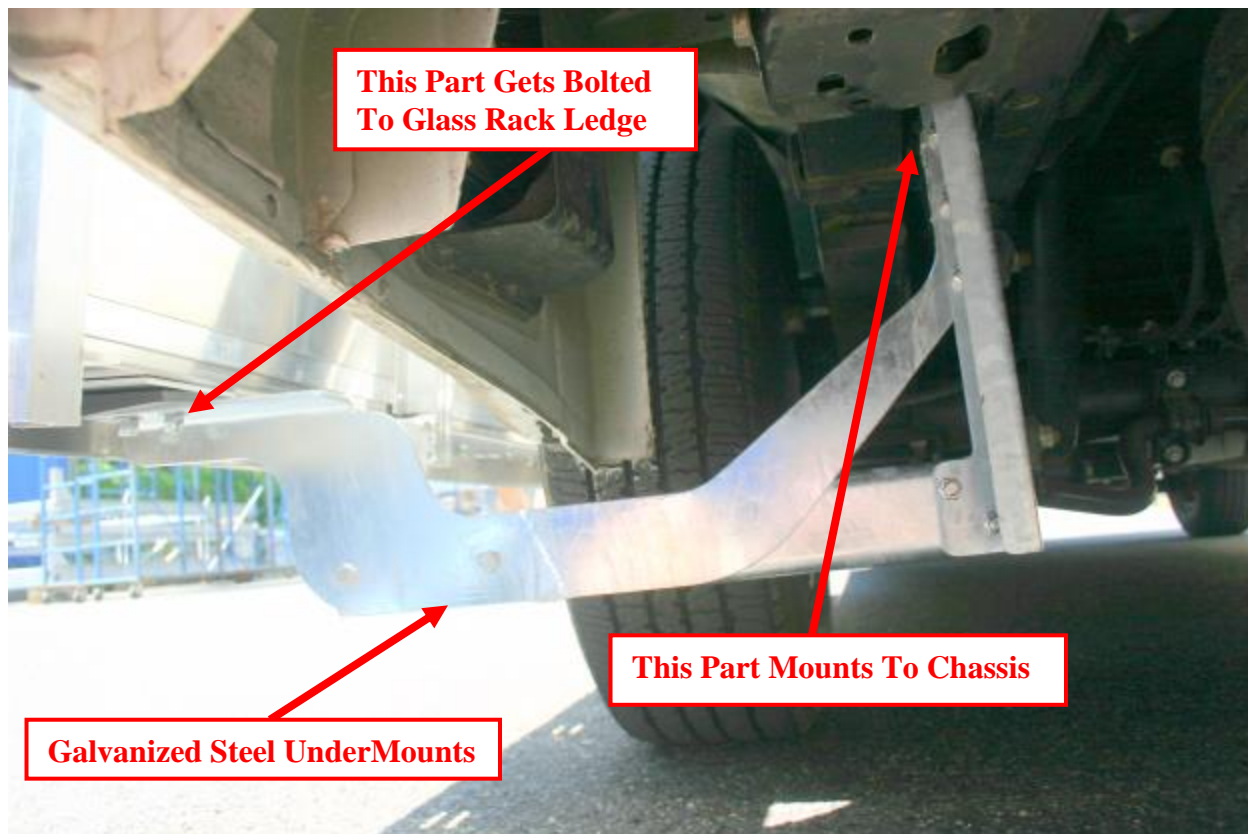
Note: An Aluminum Plate (Shown Below) Can also be used to strengthen inside wall.

Installing the Under Body Mounts

Use Bag N-1 Hardware for this next part.

*****Note:** If glass rack is double-sided, there will be (2) N-1 Hardware kits

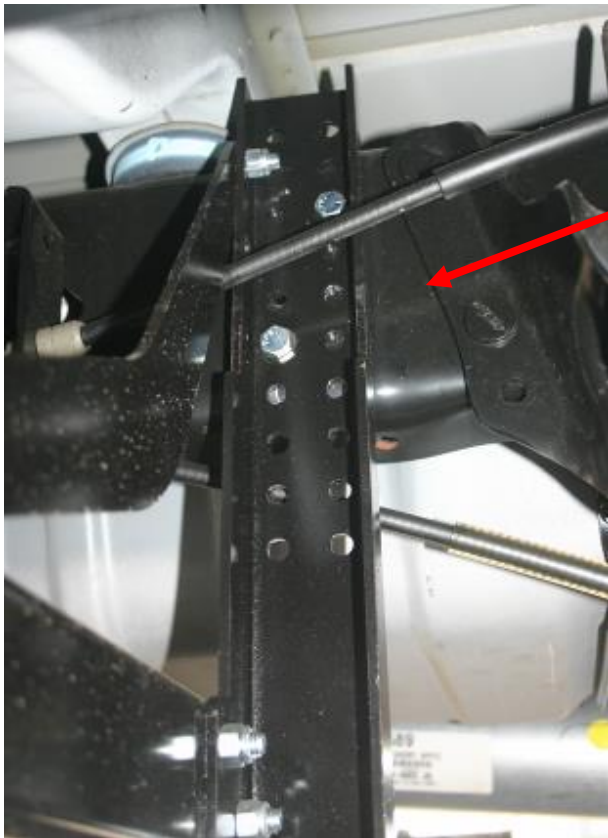
Using 3/8" x 1" bolts w/ locknuts (x 12), pre-assemble the under body mounting brackets. **(Bag N-1 Hardware)** These brackets are very strong and provide load carrying capacity. They will help support the load as well as stabilize the bottom of the rack from moving in and out.



Locate the brackets on the chassis so the horizontal member does not touch the body panels but does come up to the ledge of the glass rack. **Make sure under mounts do not interfere with anything on glass rack ledge, ie the bolts for the rubber ledge blocks or the slots for the pole tabs.**

Be sure to use minimum of 2 bolts per bracket through the chassis frame. Get one bolt high and one bolt low on the truck frame. Be careful of brake lines, fuel tanks, fuel hoses etc. The brackets may have to be modified if you have interference.

Using self tapping 3/8" x 1 1/2" bolts w/ lock washers, nuts (x 6) bolt the mounting brackets to the truck frame. Two (2) mounts will be placed in front of the rear wheels and One (1) behind.



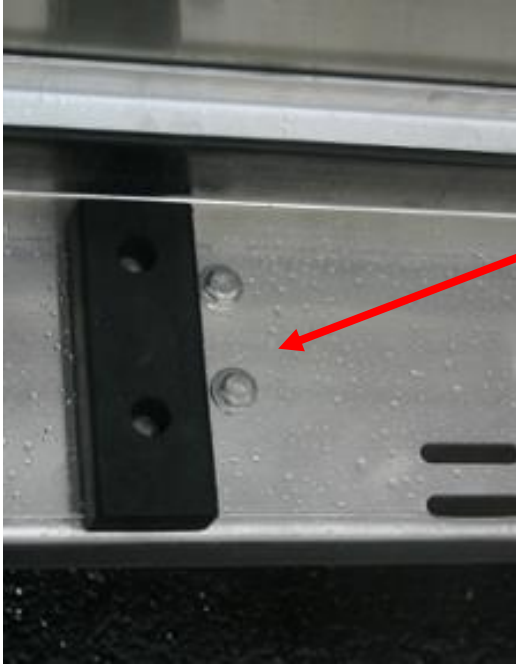
Bracket Bolted To Truck Frame

If there is a gap between the under mount and the ledge, add provided shims to bridge the gap. Use our 4" x 4" aluminum wear plate between top of bracket and bottom of ledge.



Aluminum Wear Plate

Using 3/8" x 1 1/2" w/ washers, nuts (**x 6**) drill through the ledge into the top of the mounting bracket. (**Bag N-1 Hardware**)



Make Sure To Watch Out For Ledge Blocks When Bolting UnderMounts To Ledge

Double-check tightness of all nuts and all bolts!

Loose Front Stop

MyGlassTruck.com ships the glass rack front stop loose. Use the 2 1/2" x 1/4" bolts provided (**x 3**) in (**Bag V-6 Hardware**). Bolt the stop directly to the front of the glass rack.



**Hardware Order
 for Attaching Cleat
 to Glass Pole**

Nylock nut
 (tighten flush to bolt top)
 Part No. 37CNTE3

Wing nut
 Part No. GR-104

Stainless steel
 flat washer
 Part No. 31NFWF3

Cleat
 Part No. GR-100

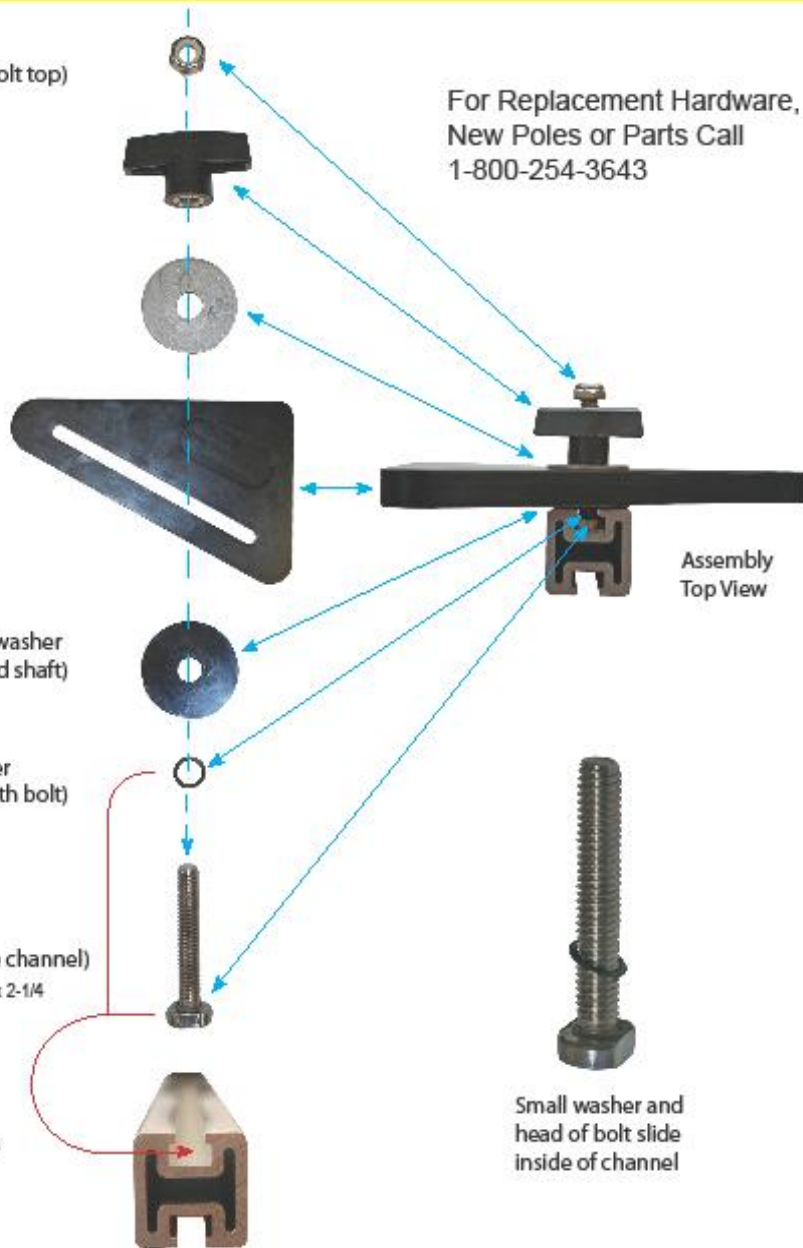
Black nylon glide washer
 (between cleat and shaft)
 Part No. 5610-320-62

Small nylon washer
 (inside channel with bolt)
 Part No. 5610-80-31

Bolt
 (head slides inside channel)
 Part No. MOQ 3/8 - 16 x 2-1/4

Shaft of glass pole
 with channels

For Replacement Hardware,
 New Poles or Parts Call
 1-800-254-3643



FOR THE BEST GLASS CARRIERS AVAILABLE - Call 1-800-254-3643

FINAL INSPECTION CHECK LIST

- A. () All bolts tight where rack bolts to the van body
- B. () All bolts are tight where the under body mounts secure the rack to the chassis
- C. () All under body mount bolts are tight
- D. () All bolts securing the rack ledge to the under body mounts are tight
- E. () Wheel skirt properly bolted down
- F. () All poles have cleats secured with wing nuts
- G. () Front body stop bolted on securely

WARRANTY VALID ONLY IF THE FORM BELOW IS COMPLETED AND MAILED BACK WITHIN 15 DAYS OF INSTALLATION.

System complete by: (company)- _____
(installer's name)- _____
(completion date)- _____

MyGlassTruck.com & Demountable Concepts, Inc. is always looking for ways to improve. Please make some comments to help us improve the Van Rack Installation Instructions.

Mail Back:

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COMMENTS:

Final Inspection Checklist:

- Roof rack is attached to van properly and all bolts are tight
- All bolts are tight where glass rack attaches to roof rack
- All underbody mounts are installed properly and tight
- All bolts securing rack ledge to underbody mounts are tight
- Wheel skirt is bolted on properly
- Front stop is securely bolted in place
- Cleats are attached properly to all poles

For Service, Parts and Accessories:

Phone: (844) 364-4022

E-mail: sales@myglasstruck.com



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