

TEXAS TRUCK RACKS

Nissan NV 1500/2500/3500 Ladder Rack Installation Guidelines

- Make sure all the items, including hardware, are in the box.
- **3** - Round Tube Cross Members w/ welded support stands
- **2** - 1" x 2" rectangular tube roller mount extensions.
- **1** - Aluminum roller tube with nylon bushings installed.
- **2** - 2" x 2" x 2" roller extensions angle brackets.
- **2**- 15" Rubber tie downs.
- **2**- 1 ½" diameter rubber foot pieces that mount between the 2"x2" angle bracket and roof of van.
- **Bolt Kit** with the following:
 - **12** - 5/16" panel clips
 - **12**- 5/16" x 1 1/4" hex bolts used to mount stands to roof
 - **4** - 5/16" x 1" hex bolts used to mount the 2 rubber feet to angle support brackets
 - **18** - 5/16" flat washers used in different locations.
 - **4** - 5/16" nylon insert hex nuts used in various locations.
 - **12** - 5/16" split lock washers used to mount stand to van roof.
 - **4** - 3/8" x 1 3/4" hex bolts used to mount 1" x 2" rectangular tube to the rear van stands.
 - **8** - 3/8" flat washers.
 - **4** - 3/8" nylon insert lock nuts.
 - **4** - 5/16" x 1 1/2" hex bolts used to mount the angle iron extension supports and rubber foot pieces to the van roof.

- The 3 cross members with welded stands are identical and can be mounted to any of the attachment points provided by the manufacturer.
- The roller system can be attached to the rear cross members before mounting to the roof. This will simplify the installation.
- Slide the panel nuts over the mounting brackets attached to the roof. The plastic spacers are placed on top of the panel clips and are provided to space the stands above the roofline. Center the stands with cross members over the attachment points. Thread the 5/16" x 1 1/4" hex bolts through the 5/16" split lock washers, the 5/16" flat washers, the stand mounting holes, the plastic spacers and into the clip nuts. Tighten all the 5/16" bolts in the front 2 stands. Leave the rear stands loose enough to move when installing the roller set up.
- The roller assembly consists of 1 aluminum roller, 2 roller supports, 2-2" x 2" x 2" angles that connect the 1 1/2" diameter rubber foot pieces from the roller support tubes to the roof.
- The roller supports attach to the inside of the van stands.
- Attach the angle brackets to inside of the support near the roller axle with 5/16" x 1 1/2" hex bolts, flats, and nylon lock nuts. Attach them but leave loose.
- Slide the roller tube over the axles. Place the roller assembly in the approximate mounting position.
- Use the 4-3/8" x 1 1/2" hex bolts with flats and nylon lock nuts to attach the 1"x2" rectangular tube roller supports to the inside of the van stands.
- Level the roller supports and snug the bolts. You will adjust and tighten later.
- Next, attach the rubber foot pieces to the angle brackets with 5/16 x 1 1/2" hex bolts, flats, and nylon insert nuts. Rotate the angle with attached rubber foot pieces to sit as flat as possible to the van roof. There is some adjustment available to level the rectangular tube supports with the rubber foot pieces firmly in touch with the van roof. Tighten the bolts that attach the 1"x2" rectangular tube roller support to the van stands.