



VAN STORAGE SOLUTIONS

FOR THE WAY YOU WORK™

INSTALLATION MANUAL

Model 233-3 Accessory Center Crossmember

ATTENTION: PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS BEFORE ASSEMBLING, INSTALLING OR USING THIS PRODUCT.

WARNING

This product is only intended for, and only designed for, transporting ladders, lumber, pipe and other similar materials. It is the responsibility of the user to secure these materials to the rack before transporting. 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. Failure to comply could result in death or serious body injury.

– NOTICE –

Any modification or unintended use of this product shall immediately void all manufacturers warranties. Manufacturer disclaims all liability for injuries to persons or property resulting from any modification to, or unintended use of this product.

INSTALLATION TIME

Approximate installation time: 24 minutes per unit (0.4 hours) depending on van equipment installation experience.

TOOLS REQUIRED

- Ruler
- 5/16" Nut Driver
- Ratchet Wrench
- 3" Socket Extension
- Loctite® thread locker
- 1/2" Socket (deep well preferred)
- 3/8" Socket

PARTS LIST

- 1- Crossmember
- 2- Center Stands
- 2- Center Stand Plates
- Bulk Cushion Strip

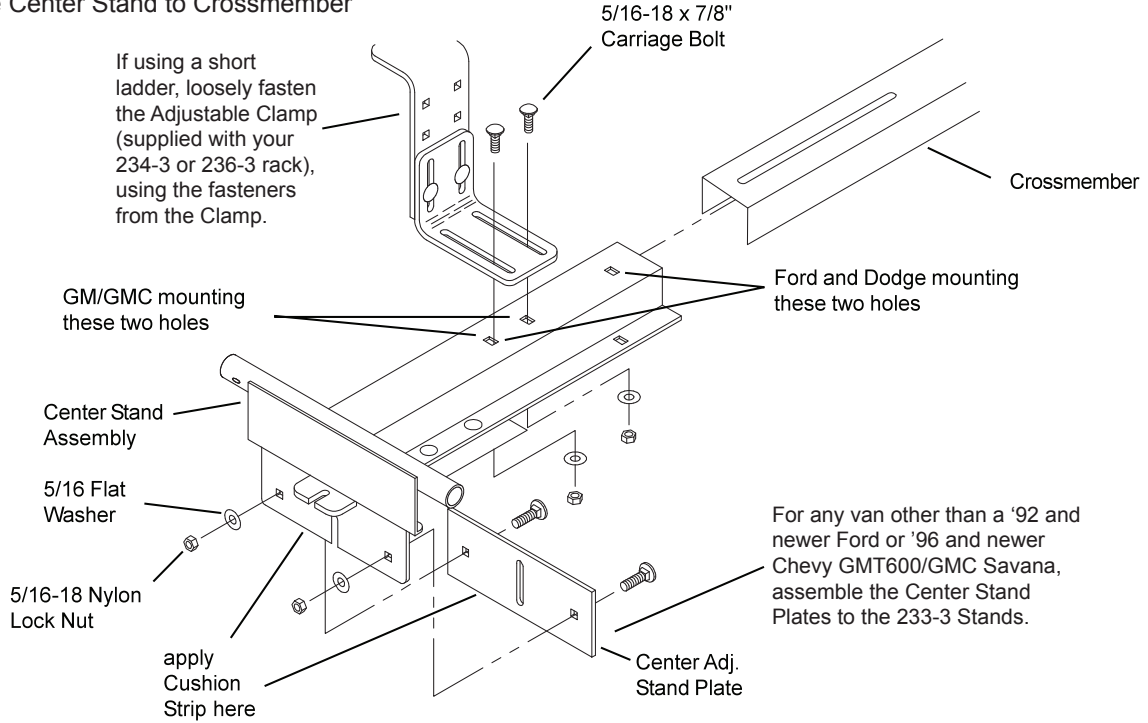
BOLT KITS

Bolt Kit #32-0126 is provided with Model 233-3, check this bolt kit to be sure the following parts are included:

	DESCRIPTION	QTY.
	5/16" Flat Washer	12
	5/16-18 x 7/8" Carriage Bolt	10
	5/16-18 Nylon Lock Nut	12
	5/16-18 x 2" Carriage Bolt	2
	1/4-20 x 1/2" Taptite Screw	2

INSTALLATION INSTRUCTIONS

STEP 1. Assemble Center Stand to Crossmember



STEP 2. Unfasten the Center Rail from the Front and Rear Side Rails of the rack. Slide the Center Rail rearward, then unfasten and remove the Center Support.

STEP 3. Adjust the stands to the approximate gutter width dimensions for your vehicle shown below. Position the rack assembly on the vehicle. Locate the stands as close as possible to the roof on all vans except the 1996 and newer Chevy GMT600/GMC Savana. Check to make sure the Crossmember is centered between the stands before tightening the Crossmember/Socket bolts.

Approximate Gutter Widths

Ford 64-1/4"	GM* 66-3/4"	* - 1996 and older GM vans	GMC Savana vans
Dodge 64-7/8"	GM** 58-3/4"	** - 1996 and newer Chevy GMT600/	

STEP 4. Reassemble the Center Rail, making sure to use a drop of thread locker on the screws.

STEP 5. Fasten the Stand Clamps.

STEP 6. Drill a .218 Diameter hole through one side of Center Rail using hole in short tube as a guide. Install 1/4-20 x 1/2" Taptite Screw into hole using a drop of thread locker on the screws.

WEATHER GUARD® PRODUCT REFINISHING PROCEDURES

All WEATHER GUARD® Products are finished with a polyester powder coating, and it is important to follow these procedures to get proper adhesion. As Knaack LLC cannot control the finishing of the products, the warranty for WEATHER GUARD® Products on paint is not applicable on refinished products.

1. Sand the surface to be painted with 180-200 grit sand paper to rough up the surface. This should be followed by wet sanding with a 400 grit wet or dry paper.
2. Wipe down the sanded surface with ketone based thinner. This removes the dust and softens the powder coating for better paint adhesion.
3. Wipe sanded area with a tack rag to remove loose dust and particles before painting.

NOTE: Do not use a lacquer over the powdered coating.

