

**Item Number**  
RAM-VB-143

# RAM No-Drill™ Seat Bases

National Products, Inc.

**Vehicle base for the  
GMC SAVANA VAN (2001-NEWER)  
CHEVROLET EXPRESS VAN (1999-NEWER)**

## SPECIFICATIONS

### Placement

Attaches between seat frame and floor board. Uses front and rear, inside seat studs.

### Drilling Required

No - uses existing seat bolts

### Seat Configuration

Bucket

### Construction/Finish

Steel/Black Powdercoat

### Dimensions

A = 13.75", B = 7.625", C = 17.625"

Hole Centers = 11.687"

### Tools required for base installation

2 qty ½" box end wrench's, 18mm deep, 15mm deep sockets, and socket wrench for base installation. Tools for complete system assembly: pliers, phillips screw driver, #10, ½", 9/16" box end wrench's.

## Features

Installs in minutes with no drilling required  
Stabilizer bracket included

## Misc.

Rock solid construction

Lifetime warranty

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Complete system  
shown in use



RAM-VB-143SL  
shown attached



RAM-VB-143



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**Vehicle base for the  
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**INSTALLATION INSTRUCTIONS**

Suggested tools for this installation are a 2, ½ inch box end wrenches, 15mm deep socket, 18mm deep socket, and socket wrench.

1. Attach the stabilizing brace, RAM-VB-143SL to the No Drill base first. Note that there is a small hole and a large hole on the brace. The small hole side goes to the No Drill base, the large attaches to the seat of the vehicle. Attach the brace so that once installed, the brace angles toward the front of the vehicle. Also, the brace should be on the forward side of the No Drill base, not the back. This is important for proper alignment. Place the bolt through the hole and thread on the nut only finger tight. Flip the brace into a vertical position and set aside this assembly.
2. Using the 18mm deep socket, loosen and remove the nuts holding the seat frame to the floor board. Once removed, gently lift the entire seat assembly up and off the studs. Place the No Drill base so that it is positioned over the seat studs coming out of the floor board. The base installs to the inside front and inside rear seat studs. Once you have the base in position, make sure the stabilizing brace is in an upright or vertical position.
3. Lift the passenger side seat up and align the seat frame holes with the studs. Lower the seat back into place securing the No Drill base in between the seat frame and floor board. Next, using the 18MM deep socket, fully tighten the nuts previously removed to 39 ft lbs.
4. Using the 15mm deep socket, loosen and remove the nuts holding the front seat tracks to the seat frame. At the back of the seat, you only need to loosen these nuts enough to allow you to lift the front of the seat track and clear the seat studs.
5. Tilt the passenger side seat back causing the seat studs to clear the seat frame holes. Now take the stabilizing leg out of the vertical and lower it down over the top of the now exposed hole in the seat frame. Keep the seat up for step 6.
6. This kit comes with a flat washer / spacer for the front door side seat track stud. This shim helps to equalize the height difference caused by the stabilizer leg. Place it over the hole in the seat frame on the door side prior to lowering the seat back down into position.
7. Lower the seat back down passing the seat studs through the brace and spacer and through the seat frame holes. Once the seat is back down, and prior to re-installing the seat track nuts, use the ½ inch box wrenches to tighten the stabilizer leg where it connects to the No Drill Base. It is easier to do this now before the seat is fully tightened back into place. Once the brace to base connection is tight, reinstall and fully tighten the nuts holding the seat to the seat frame using the 15mm deep socket. Torque to 30 ft lbs.

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