

PRODUCT WEIGHT

**56 LBS**

WIDTH x DEPTH x HEIGHT

**54" X 9" X 52"**

CAPACITY

**N/A**

COLOR

**GRAY**

CATALOG NUMBER

**P2NV2S**

## PRODUCT FEATURES

**STEEL "DUAL PLANE" CARGO PARTITION DESIGNED FOR NISSAN NV200 AND CHEVY CITY EXPRESS. PARTITION PROVIDES FOR FULL SEAT TRAVEL ALONG WITH MAXIMUM CARGO STORAGE SPACE BY UTILIZING A DUAL PLANE DESIGN. THE LOWER PLANE OF THE PARTITION IS DESIGNED FOR MOUNTING VARIOUS ACCESSORIES TO THE CARGO SIDE OF THE PANEL. THE PARTITION DESIGN ALSO ALLOWS FOR STOWING A 6 FT. STEP LADDER BETWEEN THE REAR DOORS AND THE LOWER**

**SEE PAGE 2 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.**

## Accessory Chart

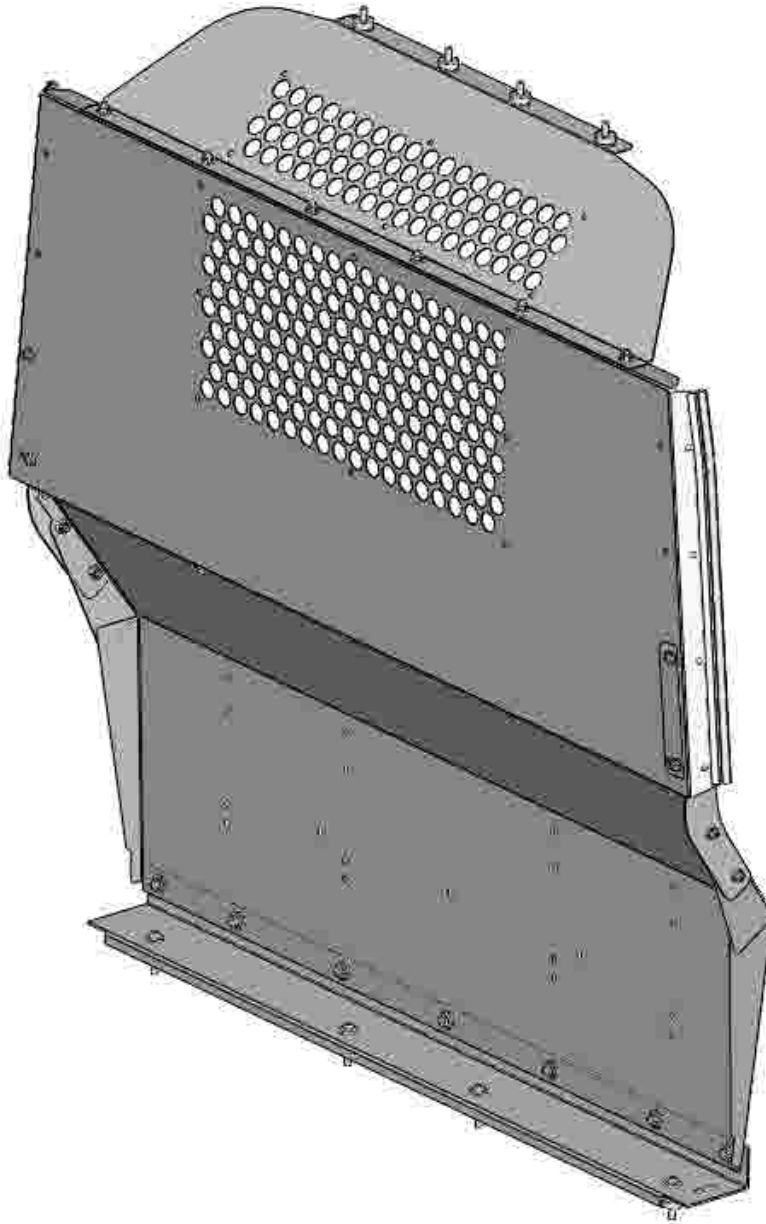
	Cargo Side	Cab Side
	<b>Base Partition</b> BAGRKA1 REQUIRED (1 BAGRKA1 will allow for one accessory to be added)	<b>None available</b>
<b>Available Accessories</b>	-	-
PA5-2NV2: Plexiglass	X	-
PA7: Reflector kit	X	-
PA8: Fire ext.	X	-
PA9: First aid tray	X	-
Various: Inverters	X	-



**ADRIAN STEEL®**

*Cargo Management Solutions for Commercial Vehicles*

## Assembly/Installation Instructions and Owners Manual



**P2NV2S**

**STEEL PARTITION, NISSAN NV200 & CHEVY CITY EXPRESS**

## - PRECAUTIONS -





 **CAUTION**   
**THE USE AIR IMPACT TOOLS CAN  
OVER-TORQUE FASTENERS AND  
CAUSE FASTENER FAILURE!**



 **CAUTION**   
**ALL INSTALLATION HOLES SHOULD BE SEALED  
WITH SILICON OR BUTYL SEALANT TO PREVENT  
EXHAUST FUMES FROM ENTERING THE VEHICLE!**



 **DANGER**   
**INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH  
VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO  
DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS  
OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!**



 **CAUTION**   
**TO AVOID DAMAGING THE VEHICLE ALWAYS  
USE DRILL STOPS WHEN DRILLING ANY IN-  
STALLATION HOLES!**



## - IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

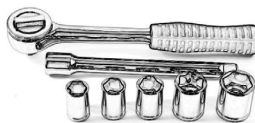
### THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH  
STOP



RATCHET, SOCKETS  
AND/OR WRENCHES



SCREWDRIVERS



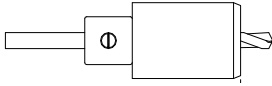


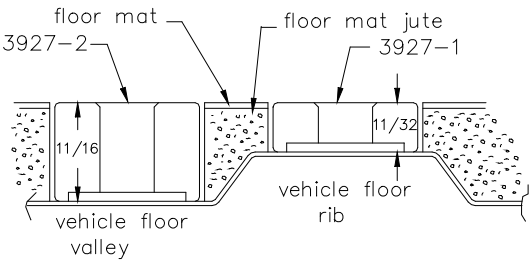
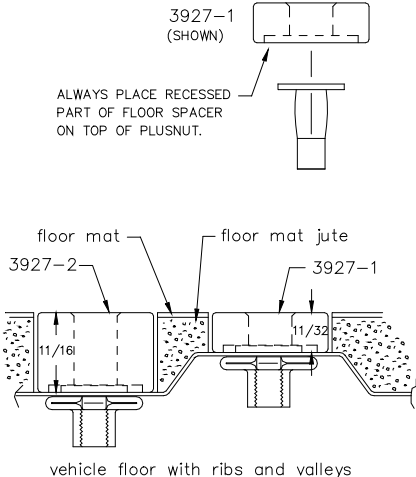
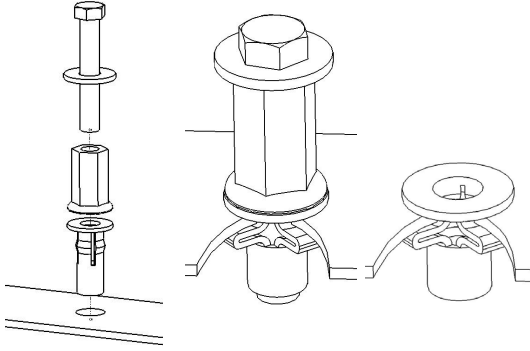
MEASURING TAPE

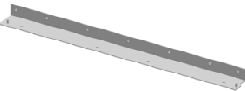

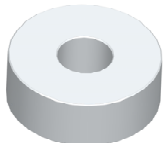
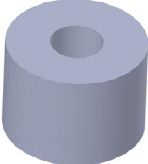


ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.



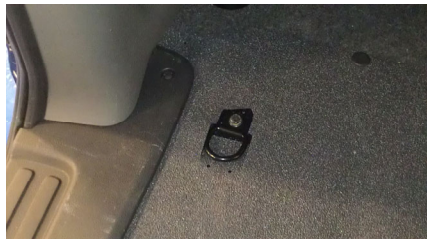
**WHEN INSTALLING PLUSNUTS MAKE SURE YOU USE THE CORRECT DRILL BIT WITH A STOP!**

PLUSNUT SIZE	DRILL BIT SIZE
1/4-20 PLUSNUT, FAS0052	USE A 3/8" DIAMETER DRILL BIT WITH A STOP.
5/16-18 PLUSNUT, FAS0091	USE A 1/2" DIAMETER DRILL BIT WITH A STOP.
 OR  <b>NOTE: A PLUSNUT SETTING TOOL IS REQUIRED FOR PLUSNUT INSTALLATION AND IS NOT SUPPLIED WITH THIS KIT. ORDER PLUSNUT TOOLS FROM ADRIAN STEEL (P.N. 22200-0) OR USE AN AIR POWERED PLUSNUT SETTING GUN.</b>	
<b>NOTE: If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations using a 1-3/16" carpet cutter.</b>	
<b>1-3/16" DIAMETER CARPET CUTTER</b> <b>P.N. 31183-0.</b> 	

	<h2>Step 01</h2> <p><b>Optional Based on Vehicle</b></p>	<p>If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations. <b>(if not, skip to STEP 02)</b></p> <p>Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter. Select the appropriate floor spacers as shown in the illustration to the left. Set those aside for use later into the installation process.</p> <p>Once you have prepared the carpet/floor mat for mounting, proceed to <b>STEP 02</b>.</p>
	<h2>Step 02</h2> <p><b>Prepare Mounting Locations</b></p>	<p>Using a drill and drill bit (<i>see table at top of page for correct size</i>) drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.</p> <p>If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations.</p> <p>Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.</p>
	<h2>Step 03</h2> <p><b>Setting Plusnuts</b></p>	<p>Use a Air Powered Plusnut Setting Gun to "set the plusnut" or if installing manually with hand tools, assembly the following.</p> <p><b>1/4-20UNC Plusnut (FAS0052)</b>        FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8        FAS0067 WASHER, FLAT, 1/4"ID        22200-0 PLUSNUT TOOL</p> <p><b>5/16-18UNC Plusnut (FAS0091)</b>        FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8        FAS0086 WASHER, FLAT, 5/16"ID        22200-0 PLUSNUT TOOL</p> <p>Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.</p> <p>Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).</p> <p>Remove hex bolt, washer, and plusnut. Inspect installation.</p>

<b>PARTS YOU WILL USE FOR</b>  <b>STEP 04</b>	VEHICLE	<b>43699-G</b> FOOTER RAIL ASSM. (1) REQUIRED	<b>FAS0444</b> M8-1.25 X 70MM BHCS (4) REQUIRED	<b>03927-1</b> SHORT FLOOR SPACER (4) REQUIRED
				
	<b>03927-2</b> TALL FLOOR SPACER (4) REQUIRED	<b>FAS0086</b> 5/16" FLAT WASHER (4) REQUIRED	<b>FAS0098</b> 5/16" LOCK WASHER (4) REQUIRED	
				

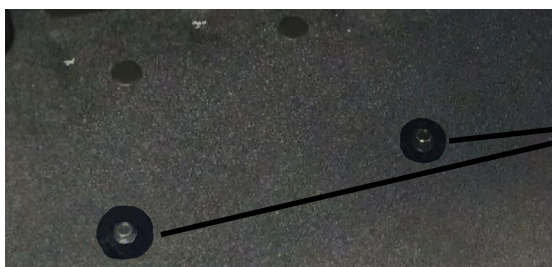
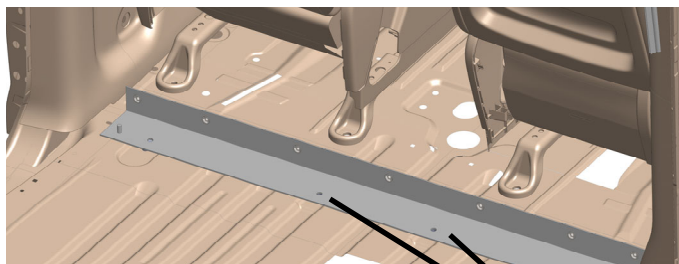
## Instructions for Step 04



**REMOVE DRIVERS SIDE D-RING**



**REMOVE PASSENGER SIDE D-RING**





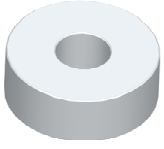
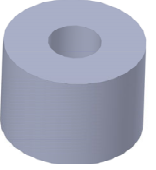


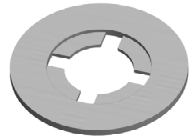
**TRIM FLOOR MAT FOR CENTER LOCATIONS**

**COMPLETED STEP**

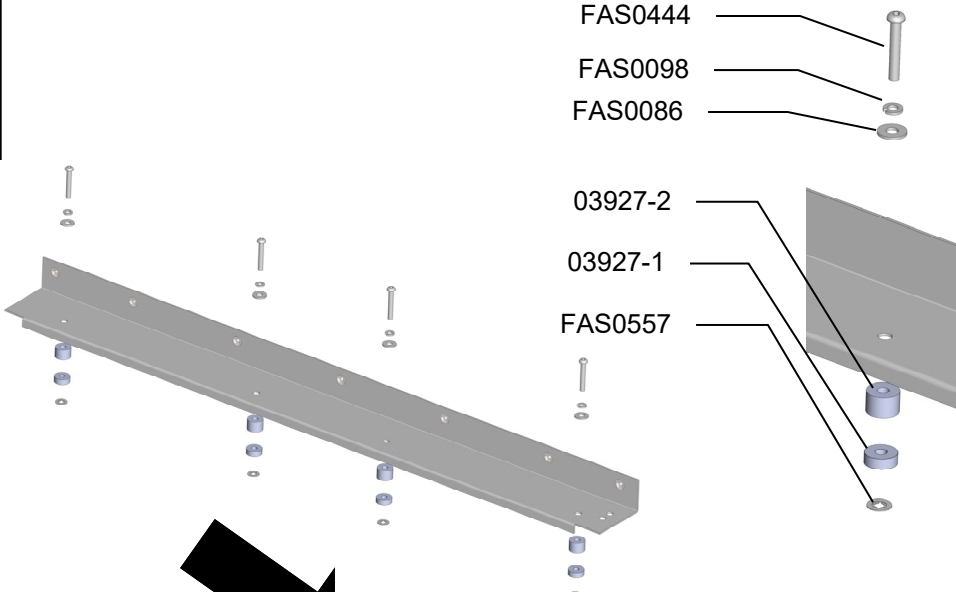
Prepare the vehicle for installation of the partition by locating the vehicle mounting locations for the partition. There are four mounting locations in the floor of the vehicle just behind the seats and for locations in the roof of the vehicle adjacent to the b-pillars.

Locate the two d-ring tie-downs on the floor just behind the seats. Remove the d-rings and trim away the floor mat as shown for clearance for the floor spacers.

Locate the center two vehicle mounting locations under the floor mat by placing the floor rail over the two outer locations and use the floor rail to mark the locations. Trim away the floor mat as shown for clearance for the floor spacers as shown.

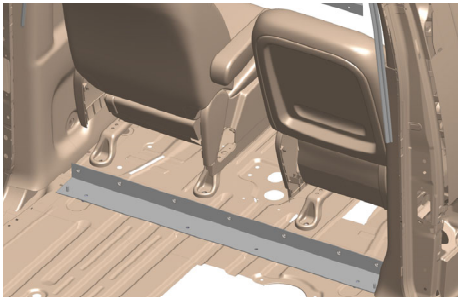
<b>PARTS YOU WILL USE FOR</b>  <b>STEP 05</b>	<b>43699-G</b> FOOTER RAIL ASSM. (1) REQUIRED	<b>FAS0444</b> M8-1.25 X 70MM BHCS (4) REQUIRED	<b>03927-1</b> SHORT FLOOR SPACER (4) REQUIRED	<b>03927-2</b> TALL FLOOR SPACER (4) REQUIRED
				
	<b>FAS0086</b> 5/16" FLAT WASHER (4) REQUIRED	<b>FAS0098</b> 5/16" LOCK WASHER (4) REQUIRED	<b>FAS0557</b> 5/16" RETAINER WASHER (4) REQUIRED	
				

## Instructions for Step 05




FAS0444  
 FAS0098  
 FAS0086  
 03927-2  
 03927-1  
 FAS0557

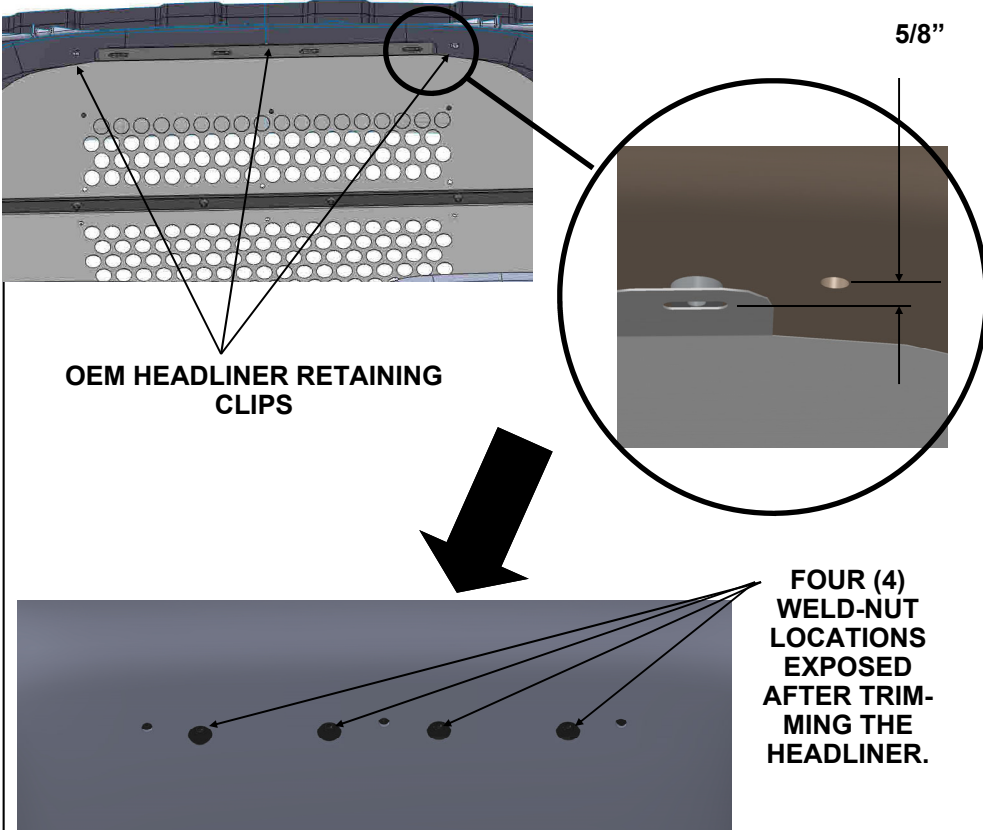
Pre-assemble the fasteners to the footer rail as shown. Place the floor spacers onto the assembly with the recess facing down (towards floor) and using the plastic retaining washers to secure the fasteners to the rail. Install the floor rail into the vehicle by placing the footer rail assembly over the footer mounting weld nut positions as shown. Tighten the M8 BHCS to secure the footer rail in the vehicle.



**COMPLETED STEP**

<b>PARTS YOU WILL USE FOR</b>          <b>STEP 06</b>	<b>46724-G</b> HEADER PANEL, P2NV2S. (1) REQUIRED			
				

## Instructions for Step 06



**OEM HEADLINER RETAINING CLIPS**

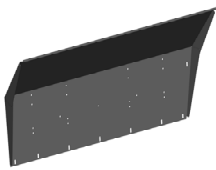
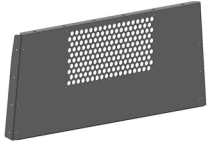

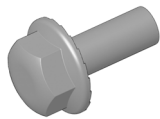

**5/8"**

**FOUR (4) WELD-NUT LOCATIONS EXPOSED AFTER TRIMMING THE HEADLINER.**

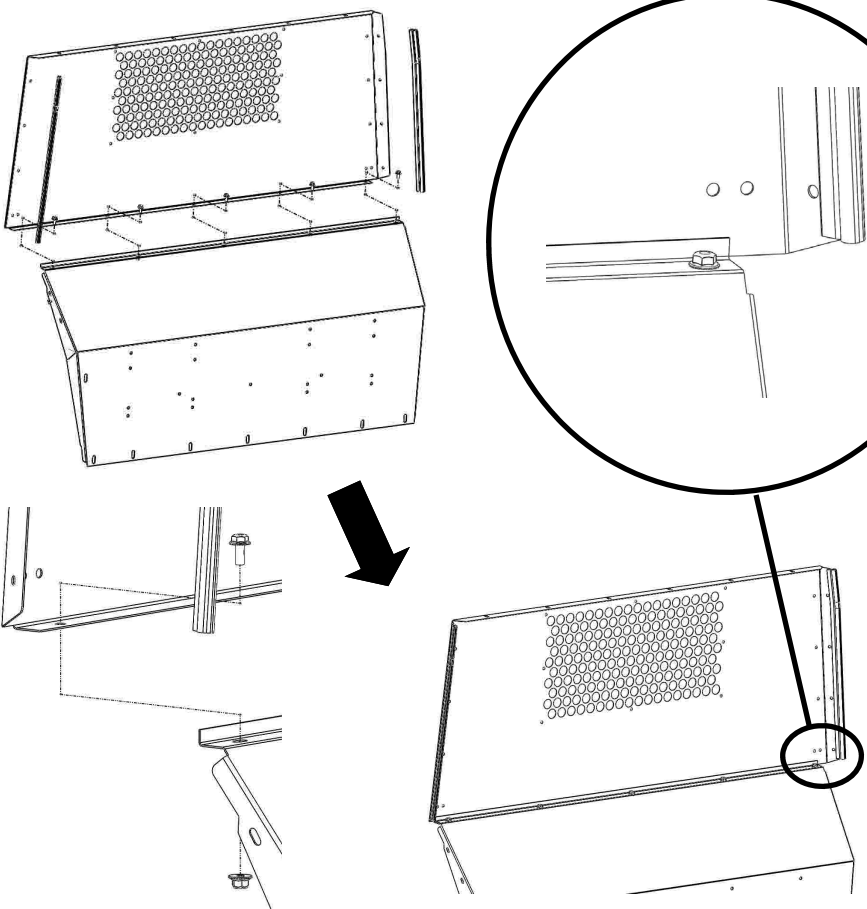
**COMPLETED STEP**

Using the header panel as a template, position the header panel slots to be centered across the vehicle and 5/8" behind (to the rear of the vehicle) the OEM headliner clips. Mark the locations at the center of each slot and remove the header panel. Carefully trim the headliner at each location by cutting a 1-1/4" hole into the headliner material at each location.

**CAUTION** - Do not use a drill to cut the holes. The use of a drill may damage the weld nuts behind the headliner material.



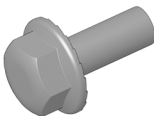

<b>PARTS YOU WILL USE FOR</b>  <b>STEP 07</b>	<b>44462-G</b> LOWER PANEL, P2NV2S. (1) REQUIRED	<b>46723-G</b> UPPER PANEL, P2NV2S (1) REQUIRED	<b>43702</b> HEADER SEAL, P2NV2S (2) REQUIRED	<b>FAS0018</b> 1/4-20 x 3/4 HH SCREW (5) REQUIRED
				
	<b>FAS0055</b> 1/4-20 NYLOCK NUT (5) REQUIRED			
				

## Instructions for Step 07

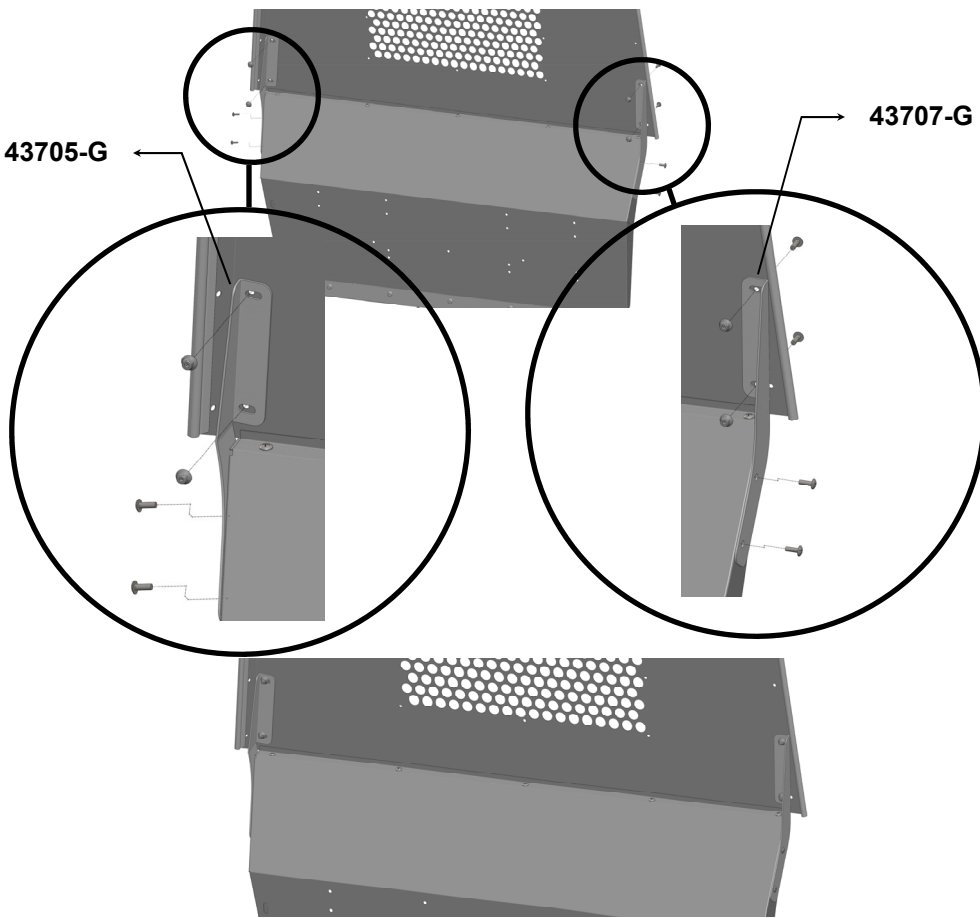


Assemble the lower panel to the upper panel using the above listed fasteners as shown. Apply header seals to both sides of the upper panel as shown.

**COMPLETED STEP**


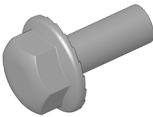

<b>PARTS YOU WILL USE FOR</b>  <b>STEP 08</b>	<b>43705-G</b> PANEL SUPPT BRKT,CS (1) REQUIRED	<b>43707-G</b> PANEL SUPPT BRKT,SS (1) REQUIRED	<b>FAS0018</b> 1/4-20 x 3/4 THP SCREW (8) REQUIRED	<b>FAS0055</b> 1/4-20 NYLOCK NUT (8) REQUIRED
				

## Instructions for Step 08

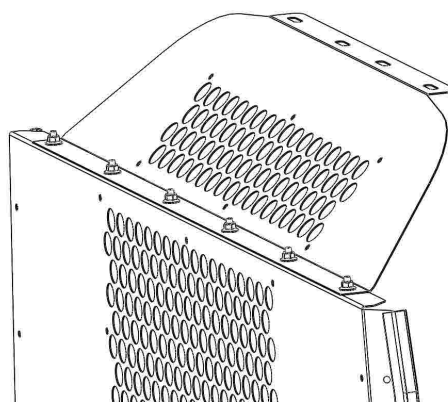
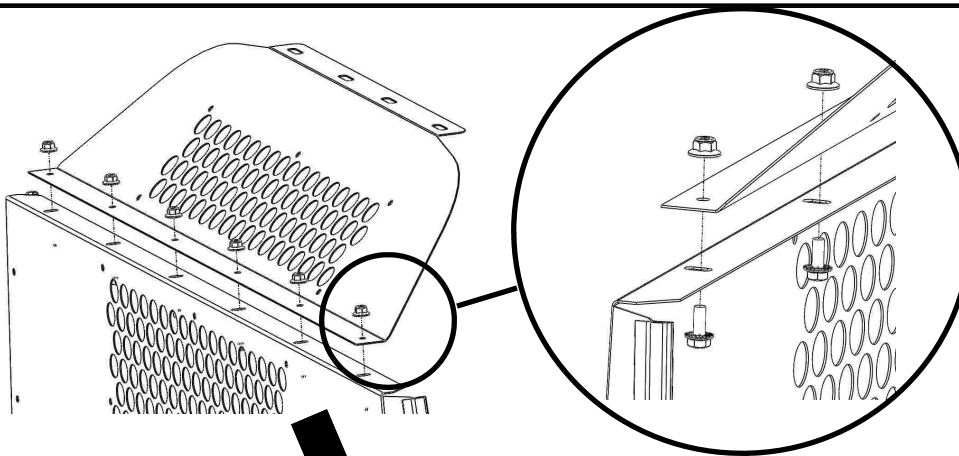


**COMPLETED STEP**

Attach 43705-G and 43707-G Panel Support Brackets to the partition panels as shown using the above listed screws and locknuts.

<b>PARTS YOU WILL USE FOR</b>  <b>STEP 09</b>	<b>46724-G</b> HEADER PANEL, P2NV2S. (1) REQUIRED	<b>FAS0018</b> 1/4-20 x 3/4 THP SCREW (7) REQUIRED	<b>FAS0055</b> 1/4-20 NYLOCK NUT (7) REQUIRED	<b>FAS0055</b> 1/4-20 NYLOCK NUT (7) REQUIRED
				

## Instructions for Step 09



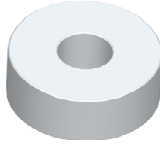



**COMPLETED STEP**

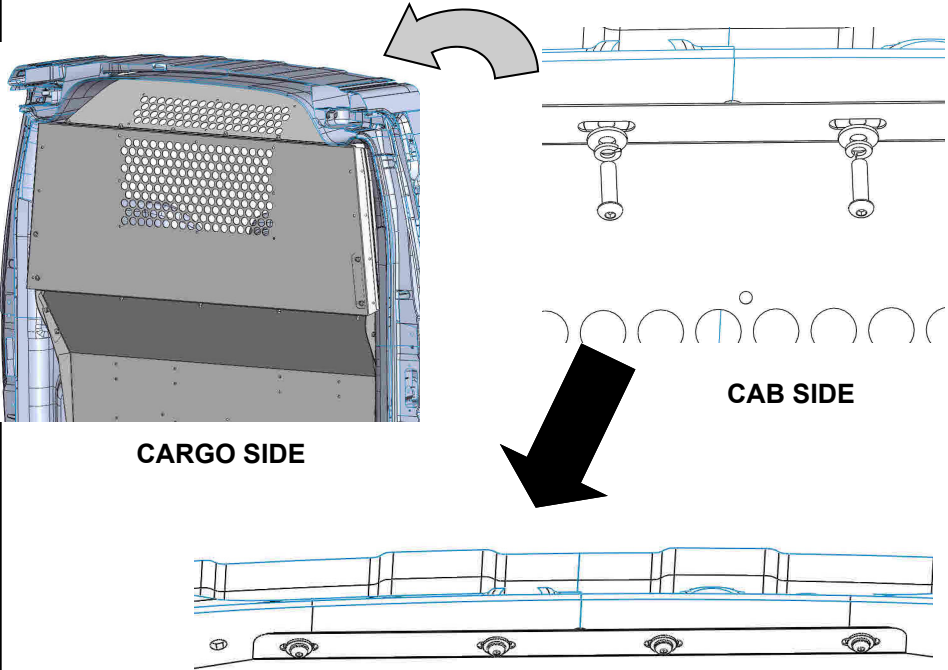
Attach the header panel to the partition sub-assembly as shown.

**DO-NOT-FULLY-TIGHTEN-  
THE FASTENERS!**

Tighten the fasteners to allow for adjustment of the header panel during the final assembly into the vehicle. See step 12

<b>PARTS YOU WILL USE FOR</b>  <b>STEP 10</b>	<b>FAS0086</b> 5/16" FLAT WASHER (4) REQUIRED	<b>FAS0741</b> M8-1.25 X 30MM BHCS (4) REQUIRED	<b>03927-1</b> SHORT FLOOR SPACER (4) REQUIRED	<b>FAS0098</b> 5/16" LOCK WASHER (4) REQUIRED
				

## Instructions for Step 10






**CARGO SIDE**

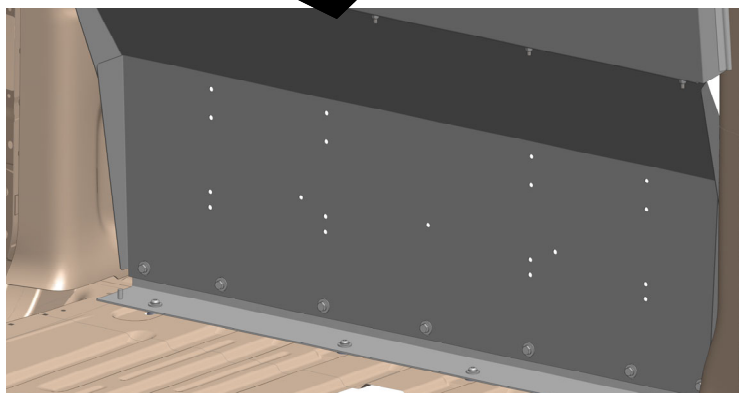
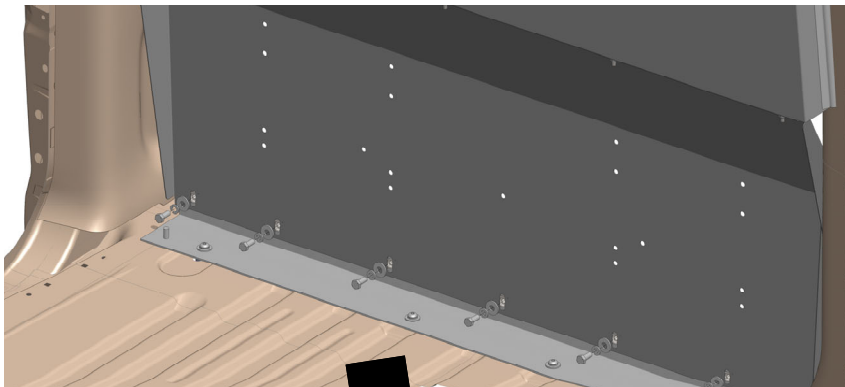
**CAB SIDE**

**COMPLETED STEP**

Position the partition assembly into the vehicle as shown from the cargo side. While holding the assembly in place, from the cab side insert the four (4) short spacers between the header panel and the roof-bow at each weld-nut location. Place the M8 BHCS with lock washers and flat washers into the weld-nuts as shown. Tighten the four screws to secure the header panel to the vehicle.

<b>PARTS YOU WILL USE FOR</b>          <b>STEP 11</b>	<b>FAS0081</b> 5/16-18 X 3/4 HEX SCREW (7) REQUIRED	<b>FAS0098</b> 5/16" LOCK WASHER (7) REQUIRED	<b>FAS0086</b> 5/16" FLAT WASHER (7) REQUIRED	
				

## Instructions for Step 11



**COMPLETED STEP**

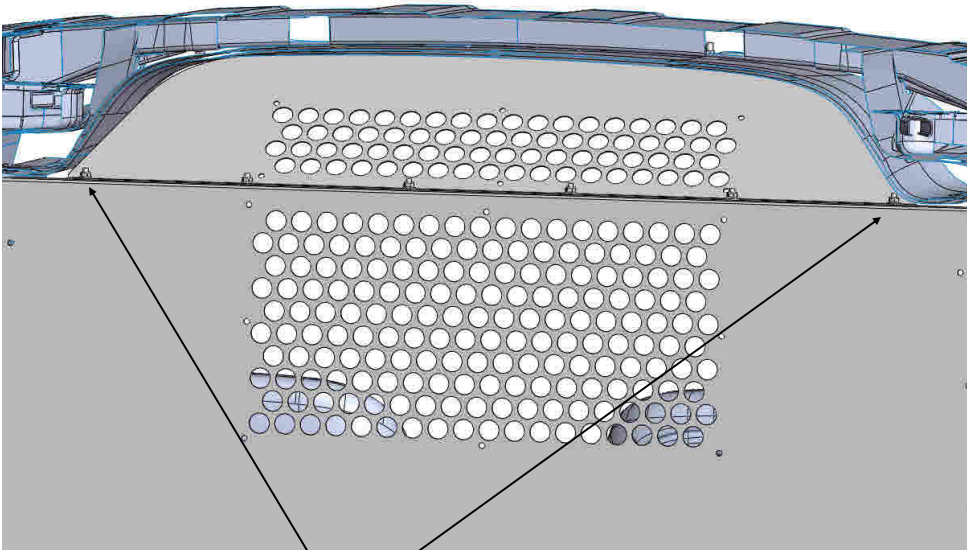
Attach the lower panel to the footer rail using seven (7) 5/16" screws, flat washers and lock washer as shown.

Align the lower panel so the slots are centered and tighten fasteners.

**PARTS YOU WILL  
USE FOR**

**STEP  
12**


## Instructions for Step 12



**TIGHTEN THE END FASTENERS FOR THE HEADER  
PANEL TO TOP PANEL FIRST.**

Push the upper panel forward (towards cab area of vehicle) to ensure that the bulb seals are compressed against the b-pillar trim. Hold pressure on the panel while tightening the two outer fasteners. Complete the installation by tightening the remaining six (6) fasteners that secure the header panel to the top panel as shown.