

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

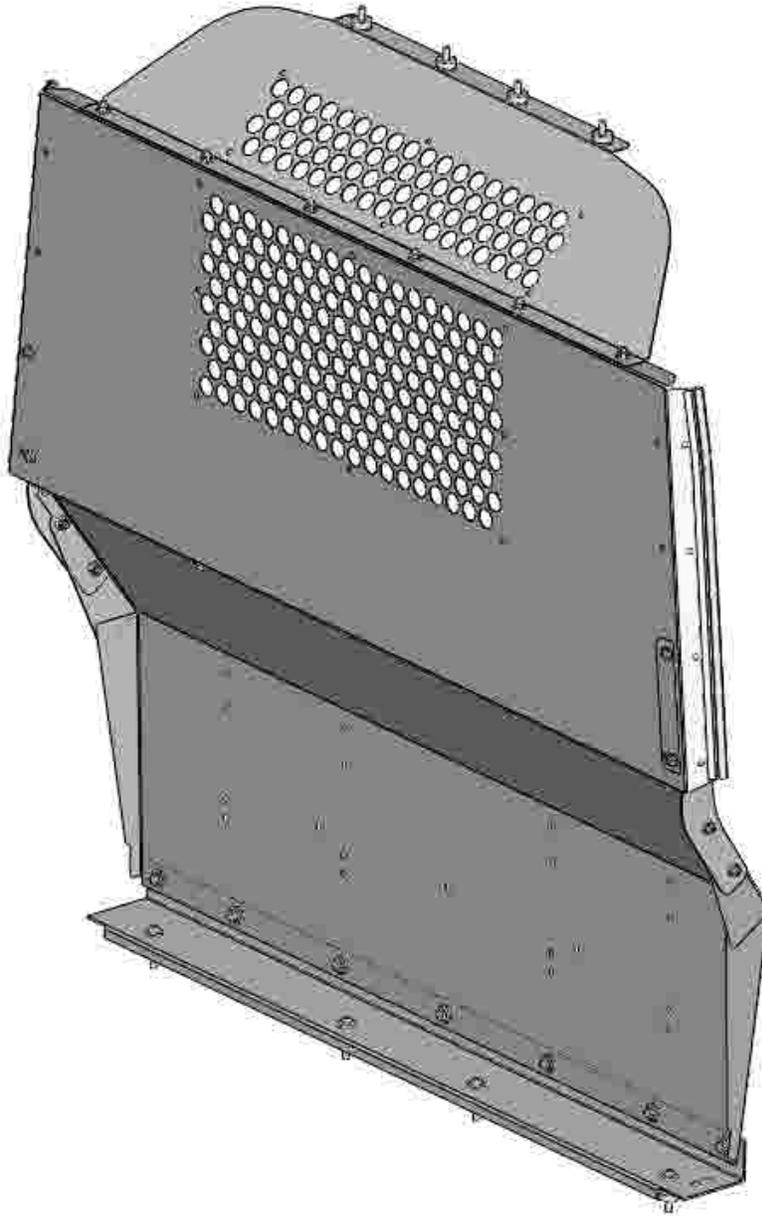
	Cargo Side	Cab Side
	Base Partition BAGRKA1 REQUIRED (1 BAGRKA1 will allow for one accessory to be added)	None available
Available Accessories	-	-
PA5-2NV2: Plexiglass	X	-
PA7: Reflector kit	X	-
PA8: Fire ext.	X	-
PA9: First aid tray	X	-
Various: Inverters	X	-



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.

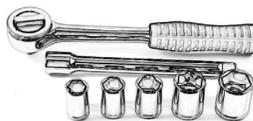
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS

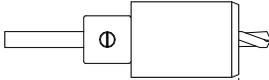


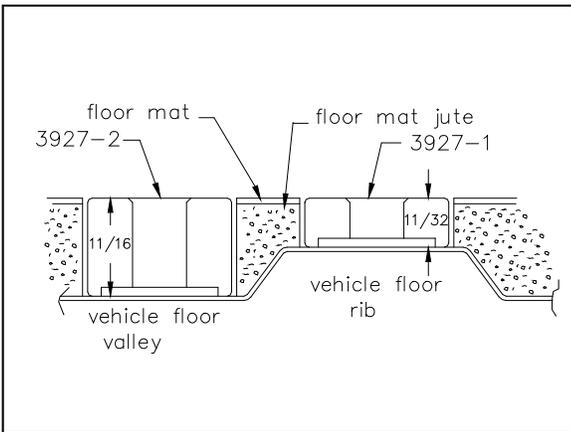
MEASURING TAPE

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  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.	
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.	1-3/16" DIAMETER CARPET CUTTER P.N. 31183-0. 

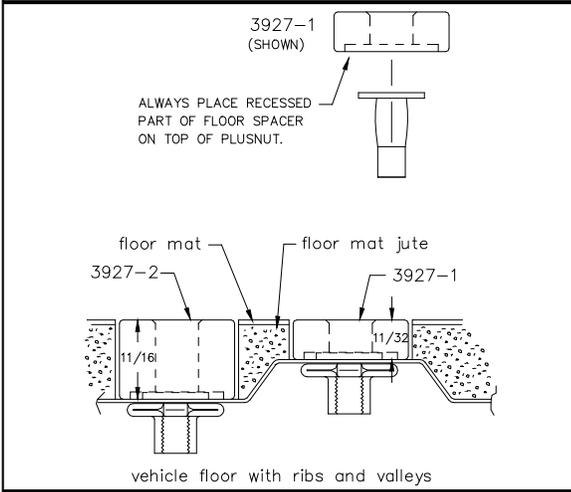


Step 01
Optional Based on Vehicle

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations. (if not, skip to **STEP 02**)

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.

Once you have prepared the carpet/floor mat for mounting, proceed to **STEP 02**.

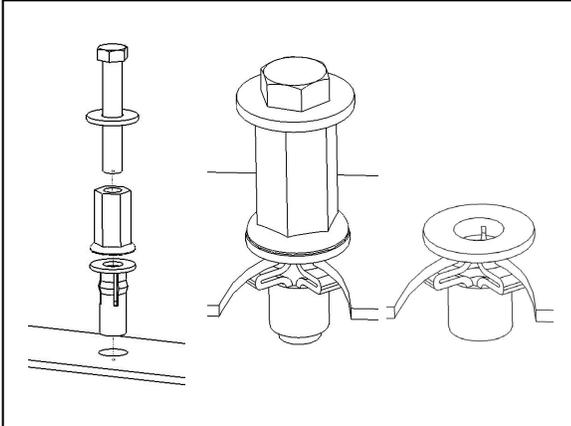


Step 02
Prepare Mounting Locations

Using a drill and drill bit (see table at top of page for correct size) drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.

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.

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.



Step 03
Setting Plusnuts

Use a Air Powered Plusnut Setting Gun to "set the plusnut" or if installing manually with hand tools, assembly the following.

1/4-20UNC Plusnut (FAS0052)
FAS0080 SCREW, HXHD, 1/4-20UNCx2.00, G8
FAS0067 WASHER, FLAT, 1/4"ID
22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091)
FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
FAS0086 WASHER, FLAT, 5/16"ID
22200-0 PLUSNUT TOOL

Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).

Remove hex bolt, washer, and plusnut. Inspect installation.

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

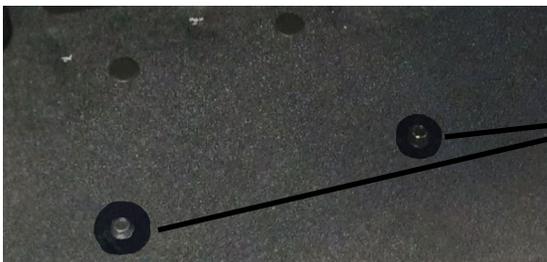
Instructions for Step 04



REMOVE DRIVERS SIDE D-RING



REMOVE PASSENGER SIDE D-RING



TRIM FLOOR MAT FOR CENTER LOCATIONS

COMPLETED STEP

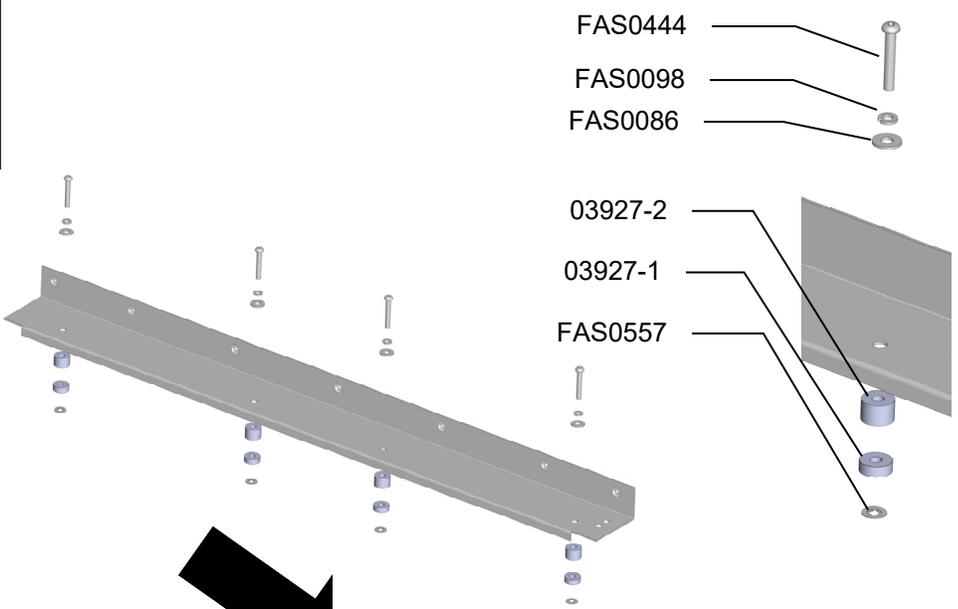
Prepare the vehicle for installation of the partition by locating the vehicle mounting locations for the partition. There are four mounting locations in the floor of the vehicle just behind the seats and for locations in the roof of the vehicle adjacent to the b-pillars.

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.

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

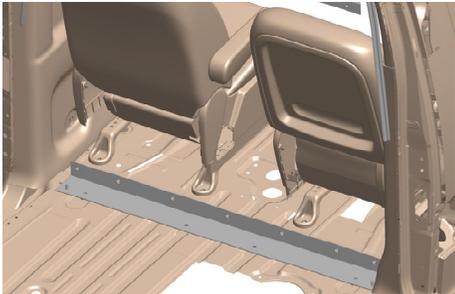
Instructions for Step 05



FAS0444 ————
 FAS0098 ————
 FAS0086 ————

 03927-2 ————
 03927-1 ————
 FAS0557 ————

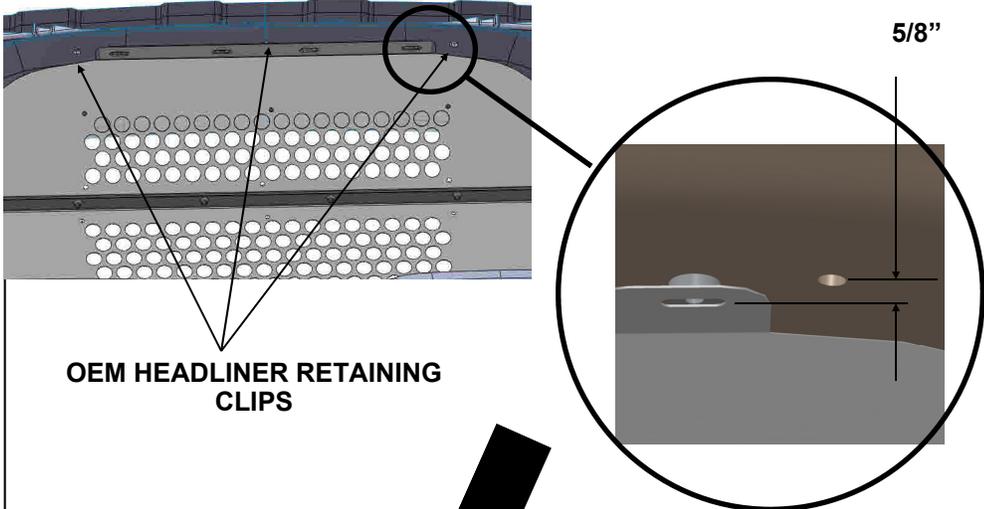
Pre-assemble the fasteners to the footer rail as shown. Place the floor spacers onto the assembly with the recess facing down (towards floor) and using the plastic retaining washers to secure the fasteners to the rail. Install the floor rail into the vehicle by placing the footer rail assembly over the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



COMPLETED STEP

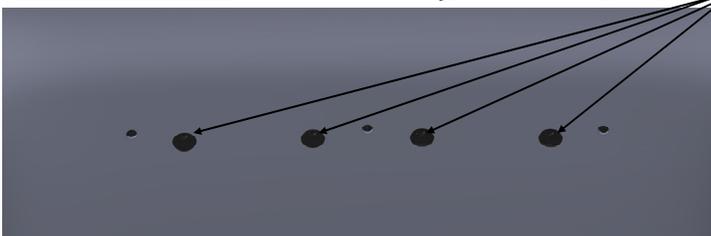
PARTS YOU WILL USE FOR STEP 06	46724-G HEADER PANEL, P2NV2S. (1) REQUIRED			
				

Instructions for Step 06



OEM HEADLINER RETAINING CLIPS

5/8"

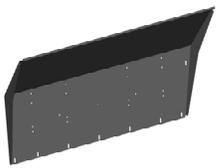
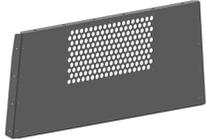


COMPLETED STEP

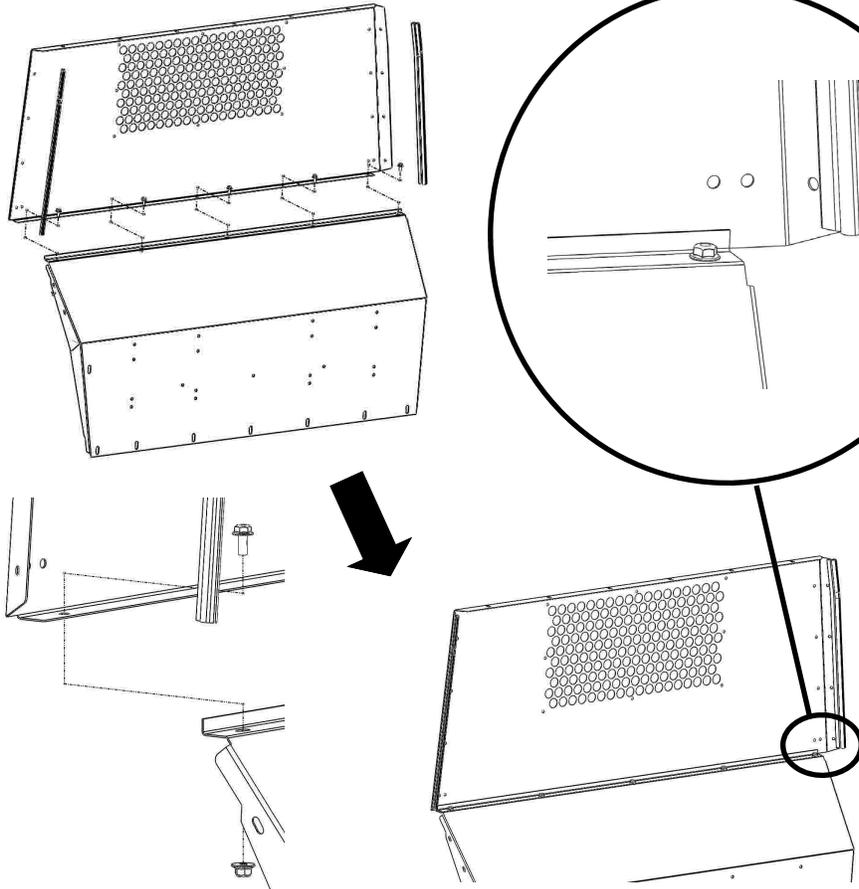
FOUR (4) WELD-NUT LOCATIONS EXPOSED AFTER TRIMMING THE HEADLINER.

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.

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

Instructions for Step 07

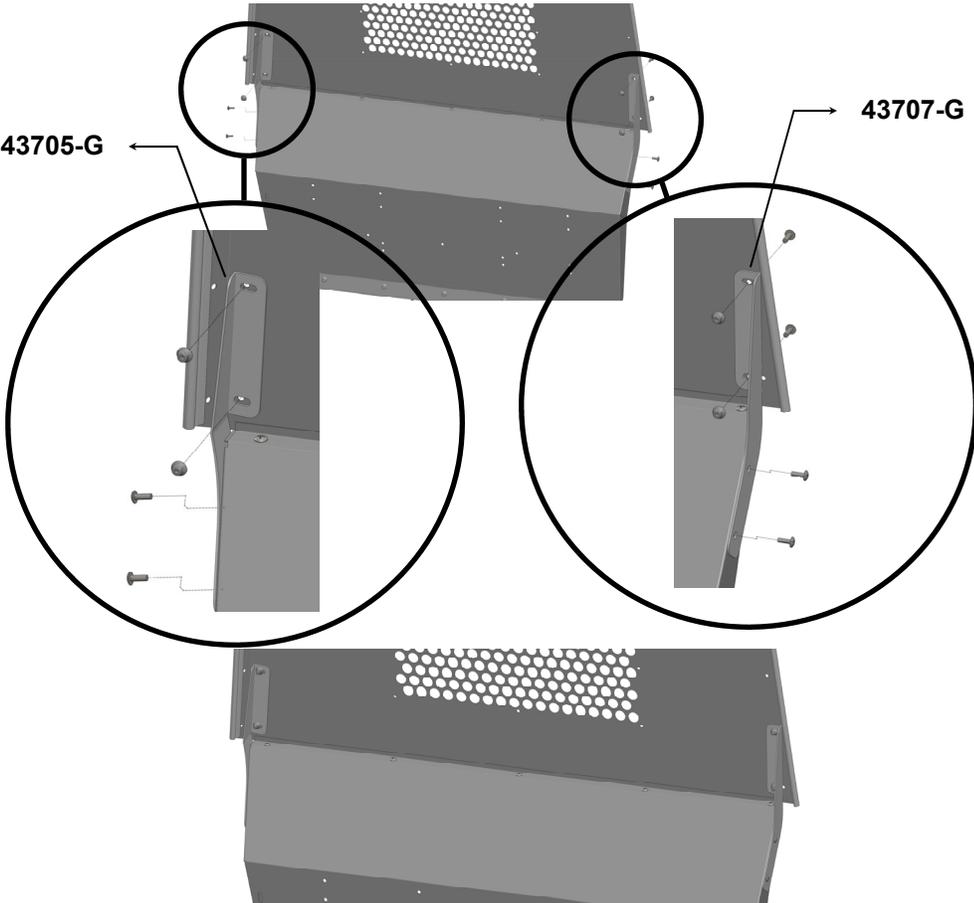


COMPLETED STEP

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.

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

Instructions for Step 08



43705-G

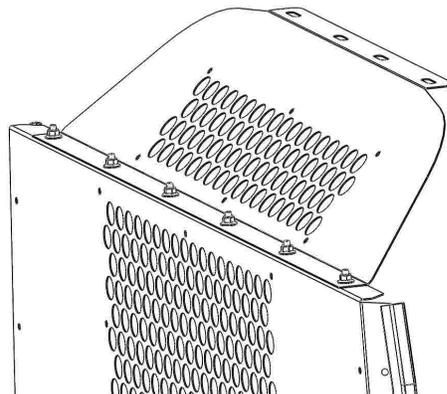
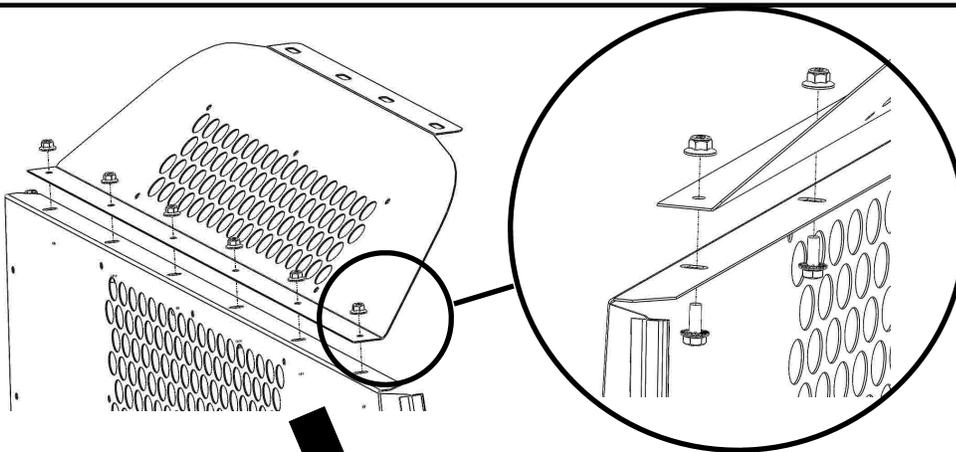
43707-G

COMPLETED STEP

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

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

Instructions for Step 09



COMPLETED STEP

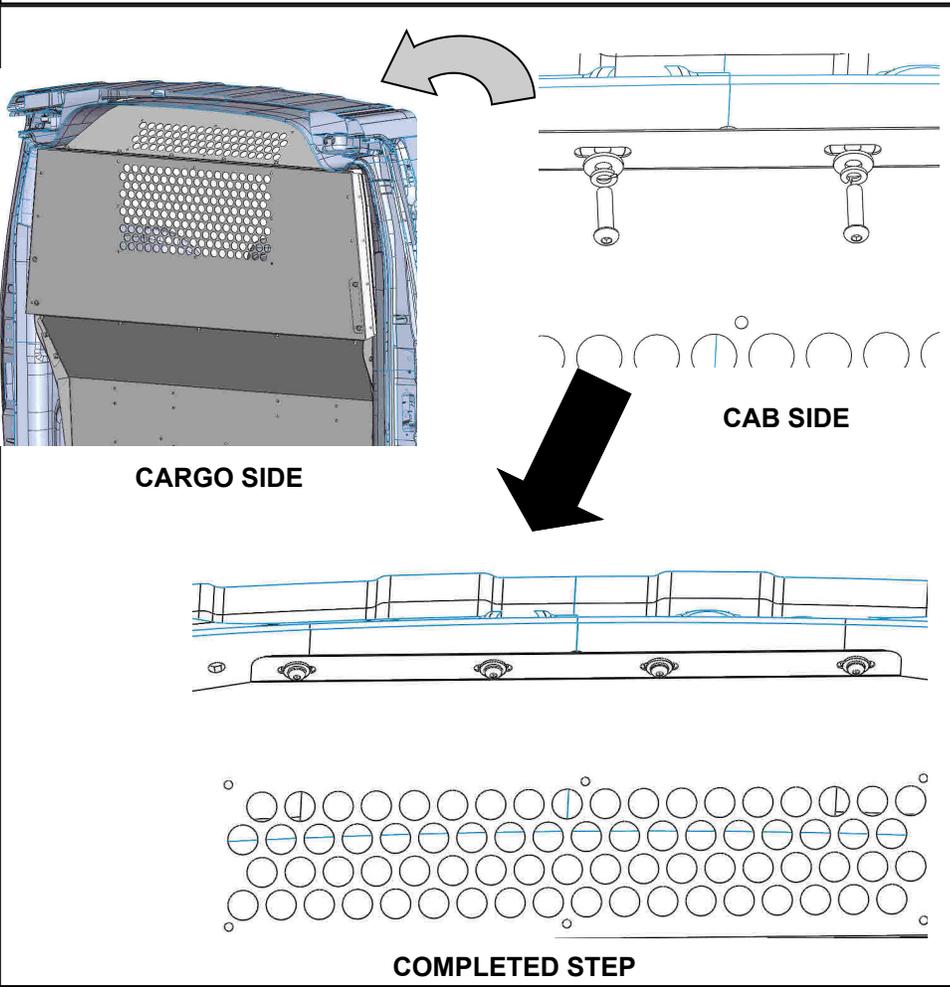
Attach the header panel to the partition sub-assembly as shown.

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

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

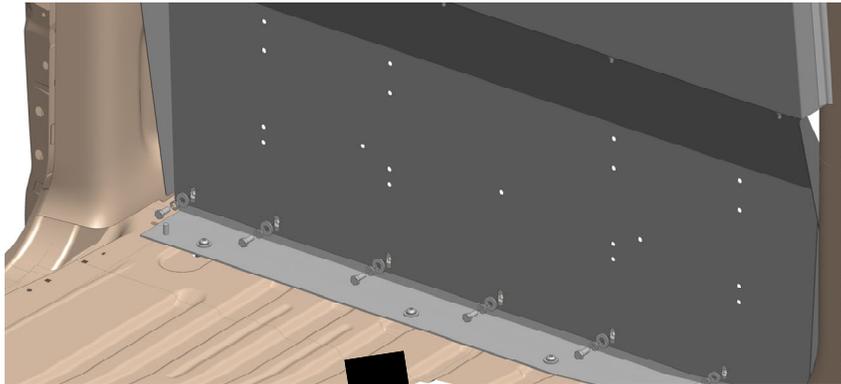
Instructions for Step 10



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.

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

Instructions for Step 11



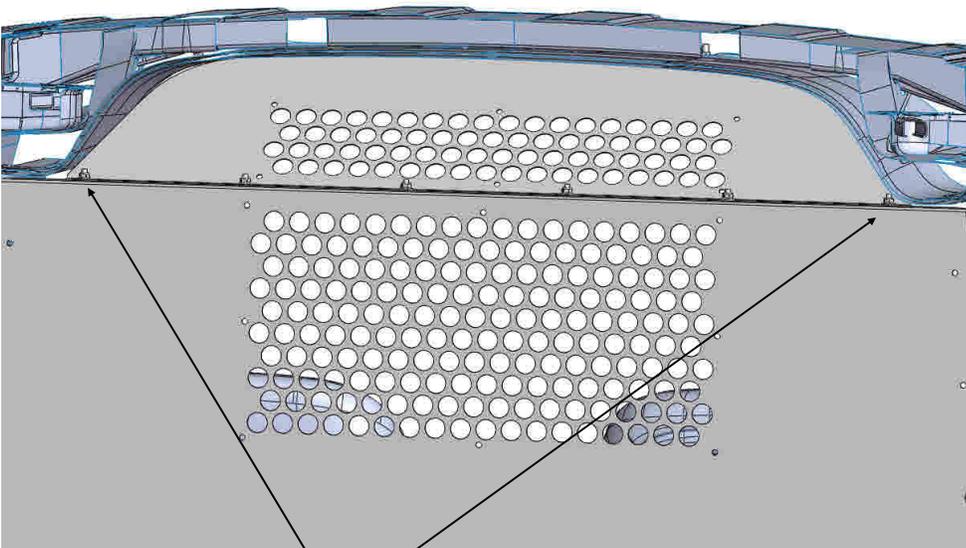
COMPLETED STEP

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



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.

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