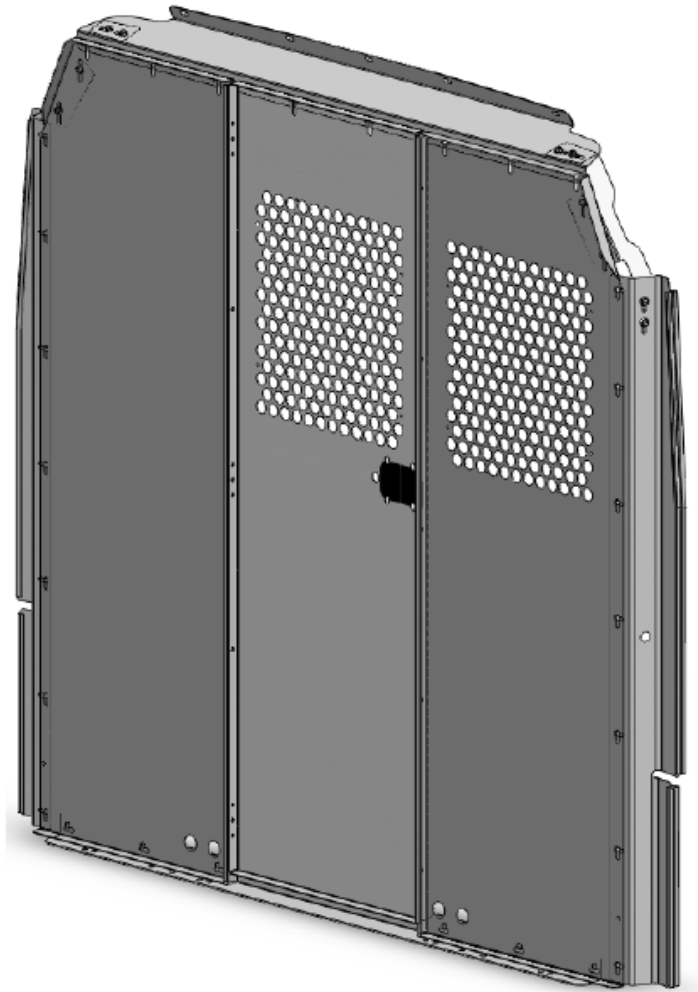


## PROMASTER WKC1PM WING KIT



**Partition panels shown for illustrations purposes only. Panels are sold separately.**

**PRODUCT WEIGHT**  
**39.0 LBS**

**WIDTH x DEPTH x HEIGHT**  
**70.6" x 4.6" x 65.7"**

**CAPACITY**  
**N/A**

**COLOR**  
**GRAY**

**CATALOG NUMBER**  
**WKC1PM**

### PRODUCT FEATURES

**Steel partition wing kit (using appropriate panel kit) for the Promaster standard roof provides a solution for separating the cab area from the cargo area. The steel partition features the use of OEM attachment points for a clean installation.**

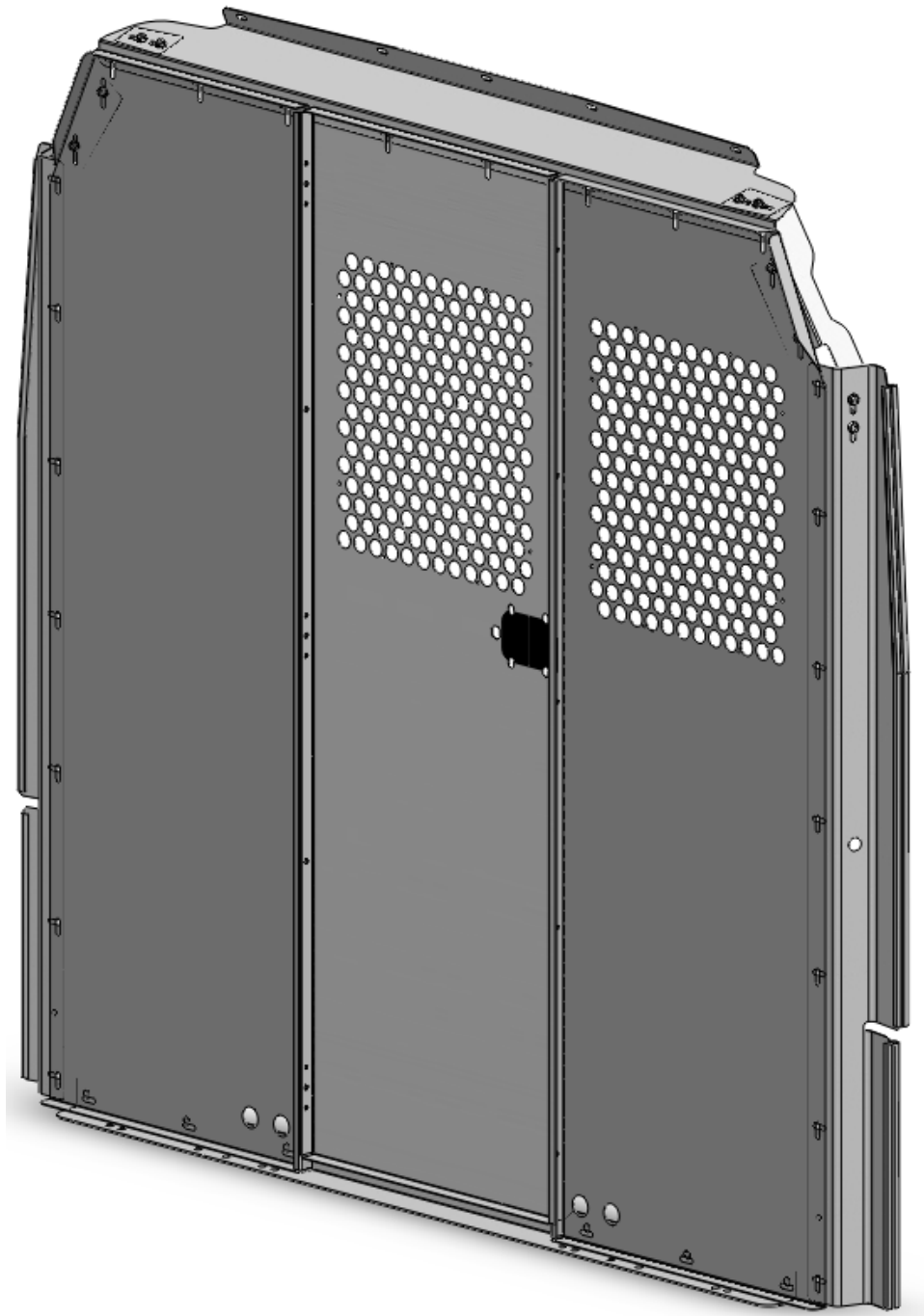
**SEE PAGE 2 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.**

## 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>	-	-
PA7: Reflector kit	x	-
PA8: Fire ext.	x	-
PA9: First aid tray	x	-
PA10: Practice holder	-	-
PA11: Cab file	-	-
PA11NL: Catalog box	-	-
TA1: Four hook bar	-	-
TH30: 30lb tank holder	-	-
TH50: 50lb tank holder	-	-
UH50RM1: Rail mount kit	-	-
UH10: 1" hook	-	-
UH25: 2.5" hook	-	-
UH25CP-G: 2.5' hook comp	-	-
UH50: 5" hook	x	-



**WKC1PM, WING KIT PRO-MASTER STD.  
WKC1PM3, WING KIT PRO-MASTER +3  
S\_M\_C\_PM, PARTITION PANEL KITS**



## - PRECAUTIONS -





 **CAUTION**   
**THE USE OF 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

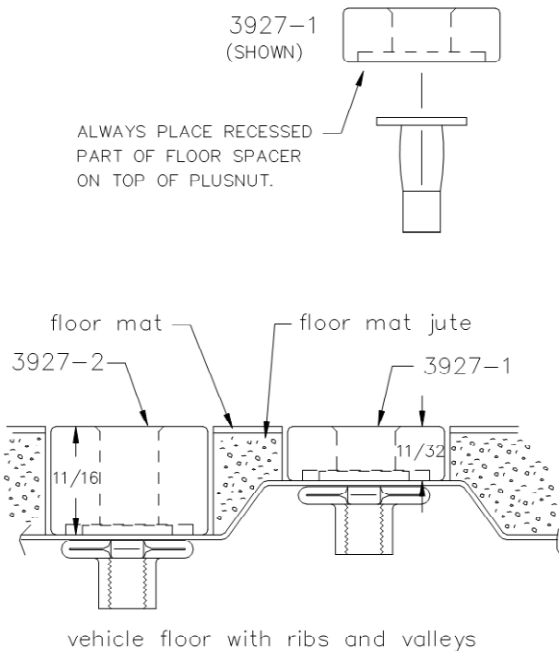
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. 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 (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process.

Using the correct drill bit size for the selected plusnut, 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.



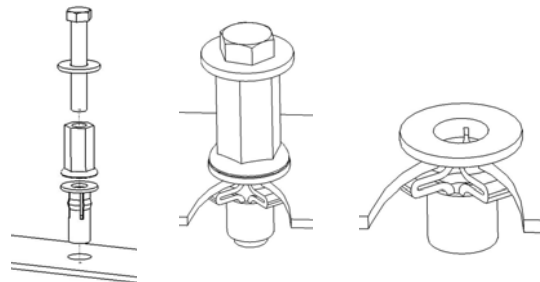
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

1/4-20UNC Plusnut (FAS0052) Use 3/8" dia. drill w/stop

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

5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop

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

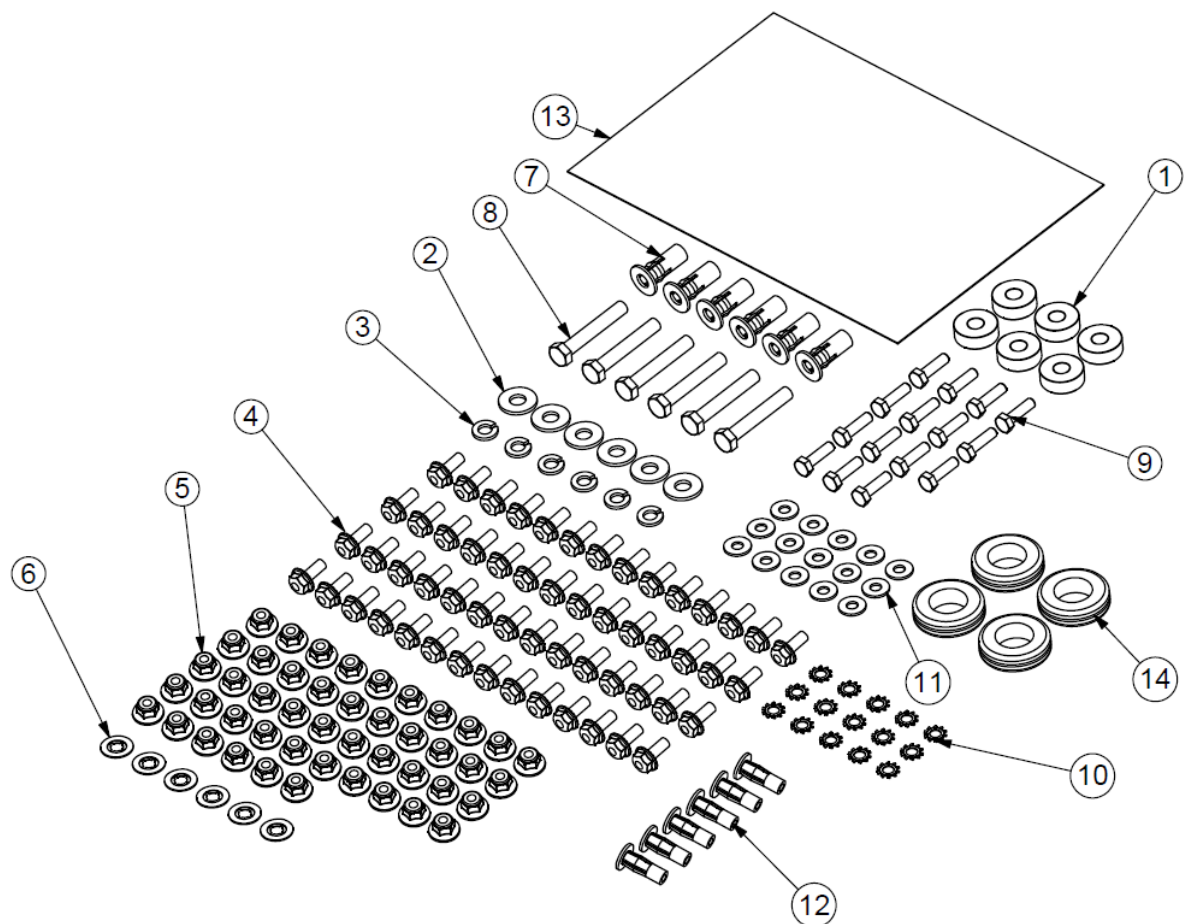


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

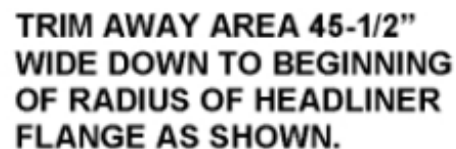
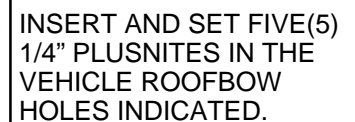
Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

## Assembly and Installation Fastener Identification Sheet

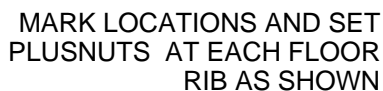
ITEM NO.	PART NUMBER	DESCRIPTION	BAG44683/QTY.
1	03927-1	Floor Spacer Short	6
2	FAS0086	WASHER,FLAT USS 5/16 ZP	6
3	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	6
4	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	56
5	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	46
6	FAS0557	WASHER, RET 5/16, NY	6
7	FAS0091	Plusnut, 5/16	6
8	FAS0095	Screw, Hex Hd, 5/16-18x2.00 , Grade 8	6
9	FAS0187	SCR,HH,M6-1.0X22	15
10	FAS 0066	Washer, Lock, Ext. Tooth, 1/4	15
11	FAS0234	Washer, Flat, 1/4, SST	15
12	FAS0052	PLUSNUT, 1/4-20 PB DC	6
13	BAG0710-A	7" X 10" 4MIL AUTOBAG	1
14	36096-0	GROMMET,RUBBER,7/8 ID	4



## Instructions for Step 01









## Instructions for Step 02

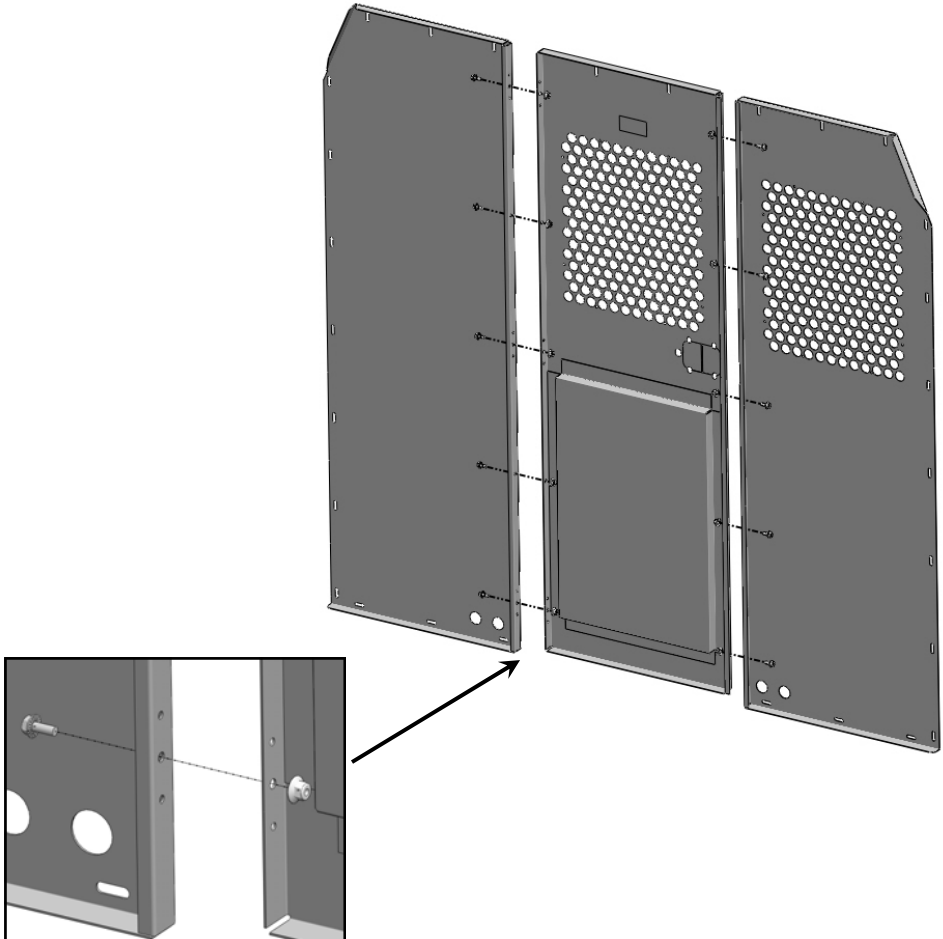


PLACE FLOOR RAIL ASIDE  
TO BE ASSEMBLED TO  
PARTITION PANELS.

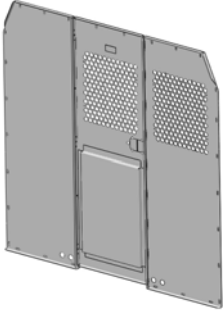




<b>PARTS YOU WILL USE FOR</b>  <b>STEP 03</b>	<b>COMMON PART</b> 44688-G, S1 PANEL (1) REQUIRED	<b>COMMON PART</b> FAS0018, SCREW,HH 1/4 (10) REQUIRED	<b>SOLID PANEL</b> 44700-G, M1 PANEL (1) REQUIRED	<b>SOLID PANEL</b> 44686, C1 PANEL (1) REQUIRED
				
		<b>COMMON PART</b> FAS0055, NUT,HEX 1/4 (10) REQUIRED	<b>PERFORATED PANEL</b> 44701-G, M2 PANEL (1) REQUIRED	<b>PERFORATED PANEL</b> 44687-G, C2 PANEL (1) REQUIRED
				

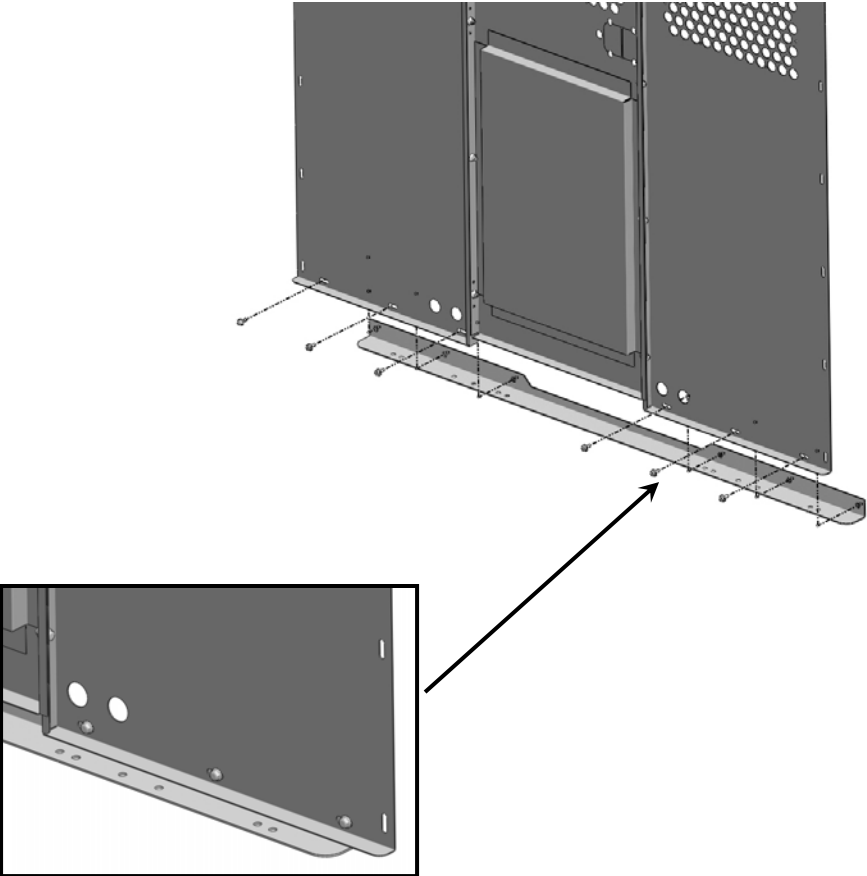
## Instructions for Step 03



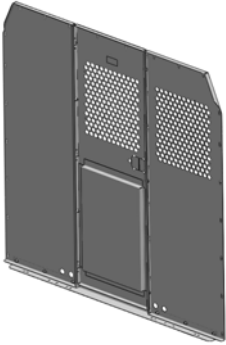






ASSEMBLE THE APPROPRIATE S-M-C PANEL TOGETHER AS SHOWN USING THE ABOVE LISTED FASTENERS

PARTS YOU WILL USE FOR  <b>STEP 04</b>	ASSEMBLY FROM PREVIOUS STEP	COMMON PART FAS0018, SCREW, HH 1/4 (6) REQUIRED	COMMON PART 44674-G, FOOTER RAIL (1) REQUIRED	
				

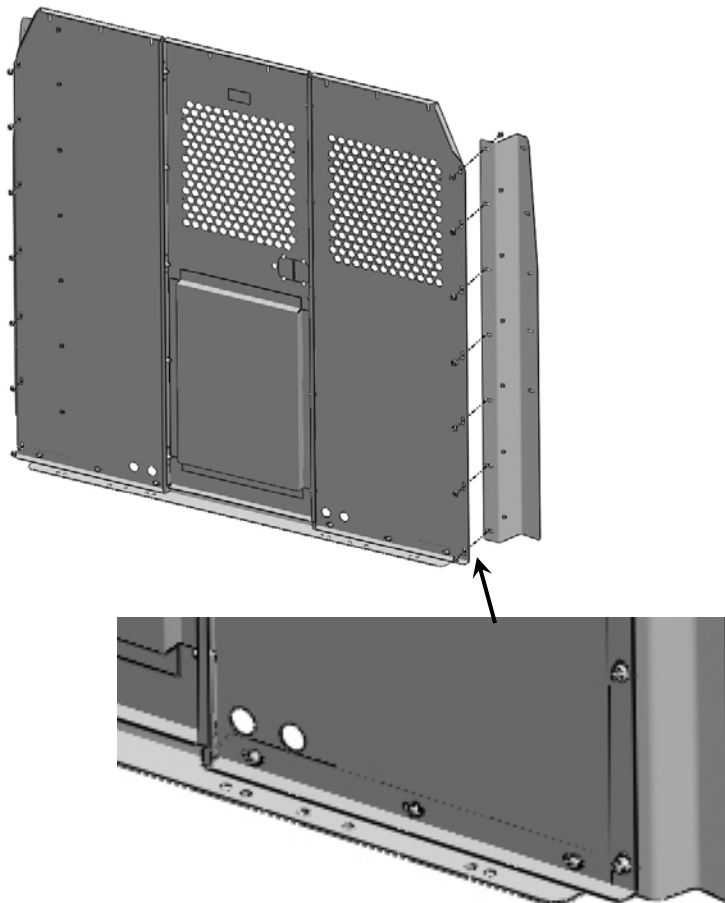
## Instructions for Step 04





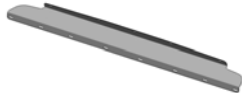


ATTACH FOOTER RAIL TO BOTTOM OF THE PARTITION PANELS AS SHOWN USING THE FASTENERS SHOWN ABOVE. DO NOT FULLY TIGHTEN THESE FASTENERS. ADJUSTMENT MAY BE NEEDED DURING FINAL STEPS.

PARTS YOU WILL USE FOR  <b>STEP 05</b>	ASSEMBLY FROM PREVIOUS STEP	COMMON PART FAS0018, SCREW,HH 1/4 (14) REQUIRED	FOR STANDARD POS. 44685-G, WING, SS (1) REQUIRED	FOR STANDARD POS. 44684-G, WING, CS (1) REQUIRED
				
		COMMON PART FAS0055, NUT,HEX 1/4 (14) REQUIRED	FOR 3" SETBACK POS. 44707-G SS +3 (1) REQUIRED	FOR 3" SETBACK POS. 44706-G,CS +3 (1) REQUIRED
				

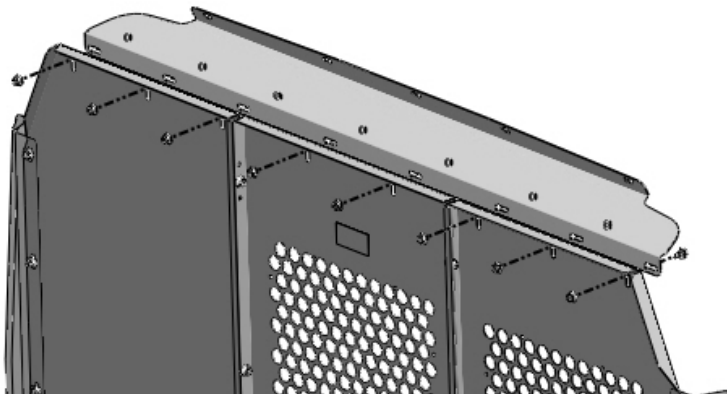
## Instructions for Step 05



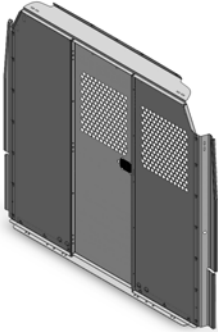

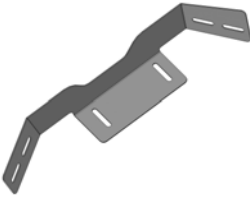
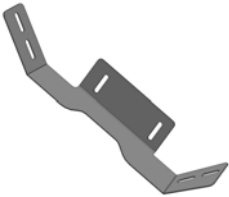

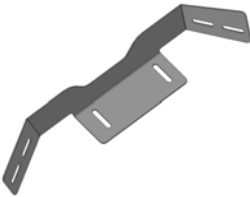
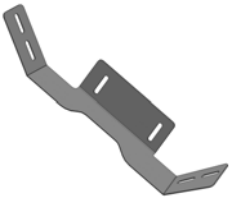
ATTACH THE APPROPRIATE WINGS TO THE PARTITION PANELS AS SHOWN USING THE FASTENERS SHOWN ABOVE. DO NOT FULLY TIGHTEN THESE FASTENERS. ADJUSTMENT MAY BE NEEDED DURING FINAL STEPS.

PARTS YOU WILL USE FOR  <b>STEP 06</b>	ASSEMBLY FROM PREVIOUS STEP	COMMON PART FAS0018, SCREW,HH 1/4 (8) REQUIRED	FOR STANDARD POS. 44675-G, HDR PNL (1) REQUIRED	FOR 3" SETBACK POS. 44708-G, HDR PNL +3 (1) REQUIRED
				
		COMMON PART FAS0055, NUT,HEX 1/4 (8) REQUIRED 		

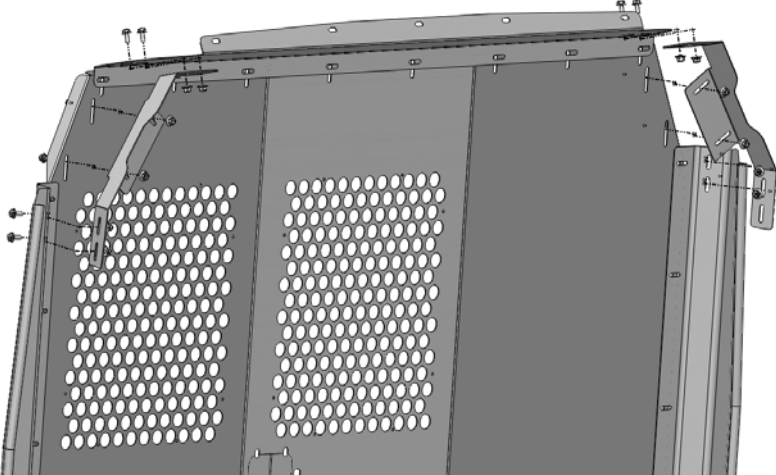
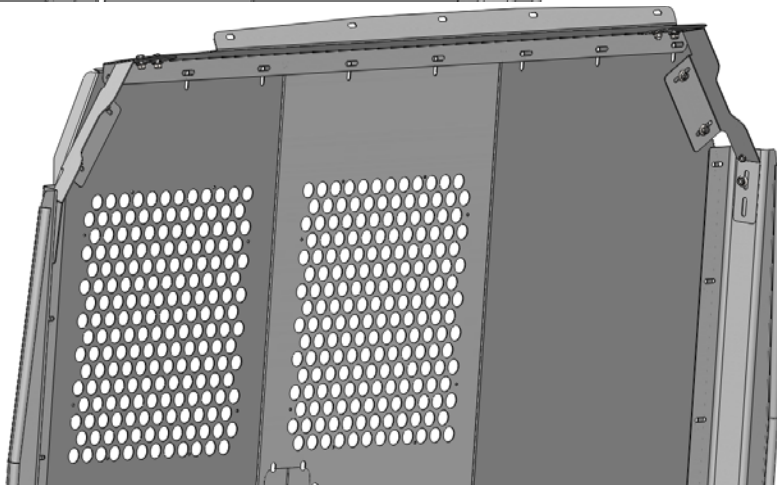
## Instructions for Step 06



ATTACH THE APPROPRIATE HEADER PANEL TO THE PARTITION PANELS AS SHOWN USING THE FASTENERS SHOWN ABOVE. DO NOT FULLY TIGHTEN THESE FASTENERS. ADJUSTMENT MAY BE NEEDED DURING FINAL STEPS.

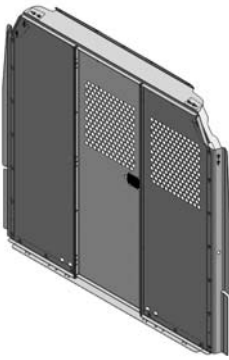


PARTS YOU WILL USE FOR  <b>STEP 07</b>	ASSEMBLY FROM PREVIOUS STEP	COMMON PART FAS0018, SCREW, HH 1/4 (12) REQUIRED	FOR STANDARD POS. 46824-G, WING BRAC. (1) REQUIRED	FOR STANDARD POS. 46825-G, WING BRAC. (1) REQUIRED
				
		COMMON PART FAS0055, NUT, HEX 1/4 (12) REQUIRED	FOR 3" SETBACK POS. 46838-G WING BRAC. (1) REQUIRED	FOR 3" SETBACK POS. 46839-G WING BRAC. (1) REQUIRED
				

## Instructions for Step 07

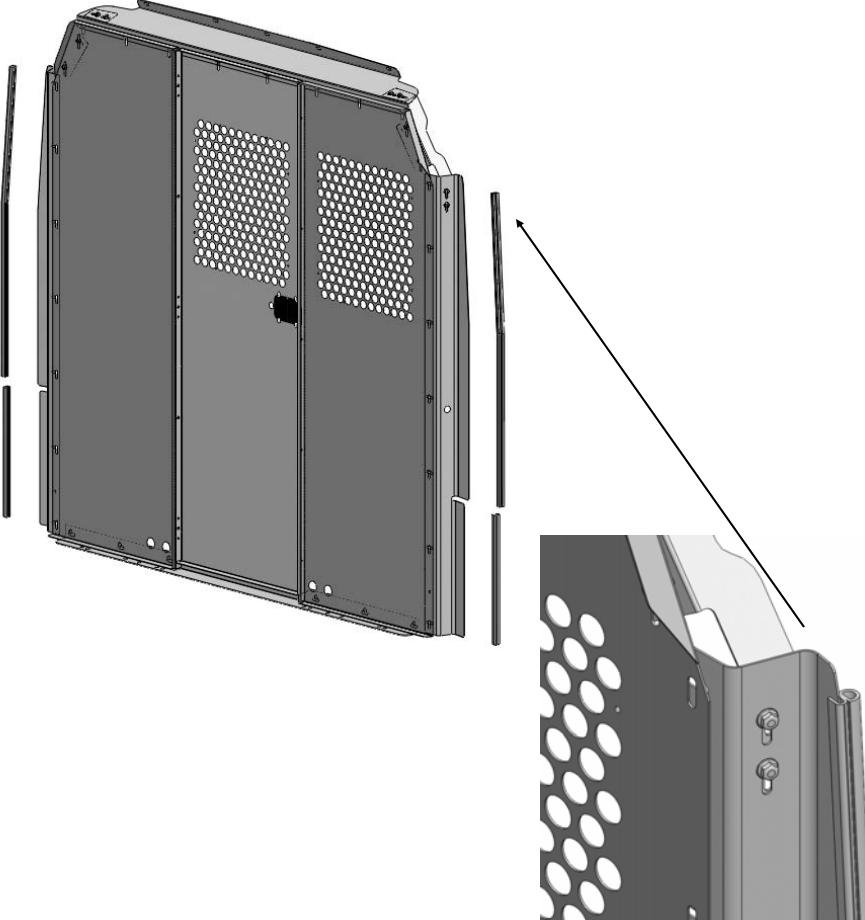



ATTACH THE APPROPRIATE WING BRACKET TO THE PARTITION PANELS AND WING AS SHOWN USING THE FASTENERS SHOWN ABOVE. DO NOT FULLY TIGHTEN THESE FASTENERS. BEGIN BY LOOSELY FASTENING EACH BOLT AND NUT COMBINATION UNTIL ALL FASTENERS ARE IN PLACE.

**SEE NEXT PAGE FOR RELIEF CUTS IF NEEDED.**

PARTS YOU WILL USE FOR  <b>STEP 08</b>	ASSEMBLY FROM PREVIOUS STEP	COMMON PART 39808, HDR PNL SEAL (2) REQUIRED	COMMON PART 40126, HDR PNL SEAL (2) REQUIRED	
				

## Instructions for Step 08




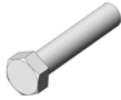
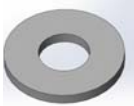

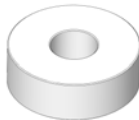


**ATTACH THE HEADER  
PANEL SEALS TO THE  
PARTITION WINGS AS  
SHOWN TO THE OUTER  
EDGES OF THE WINGS.  
THE LOWER SEALS NEED  
TO BE CUT TO 16" USING  
SCISSORS OR HAND  
SHEARS.**

**STEP 8 CONTINUED**  
**RELIEVE FOAM IF NEEDED**



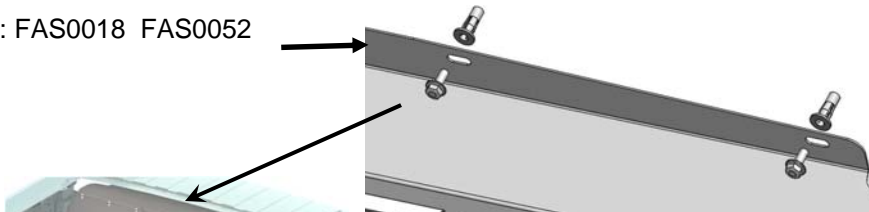
RELIEF CUTS MAY NEED  
TO BE PERFORMED IN  
STREET AND CURB SIDE  
FOAM FOR PROPER FIT  
FOR WING SUPPORT  
BRACKETS.



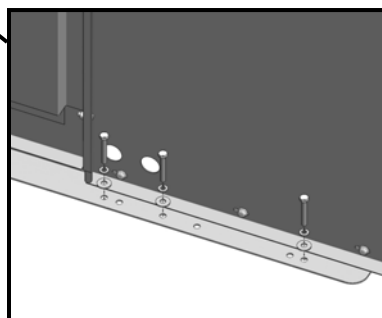
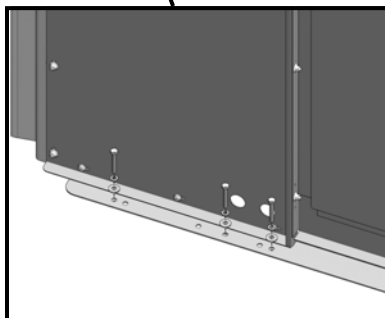
<b>PARTS YOU WILL USE FOR</b>  <b>STEP 09</b>	ASSEMBLY FROM PREVIOUS STEP	FLOOR FASTENER FAS0095, SCRW,HH 5/16 (6) REQUIRED	COMMON PART FAS0086, WASHER 5/16 (6) REQUIRED	COMMON PART FAS0098, LCK WASHER (6) REQUIRED
				
	OPTIONAL PART 03927-1 SPACER (6) OPTIONAL	HEADER FASTENER FAS0052 PLUSNUT (5) REQUIRED	HEADER FASTENER FAS0018 SCRW,HH 1/4 (5) REQUIRED	
				

## Instructions for Step 09

USE: FAS0018 FAS0052



USE: FAS0095 FAS0098  
FAS0086



MOVE PARTITION ASSEMBLY INTO THE VEHICLE AND ATTACH THE HEADER PANEL TO THE VEHICLE ROOF BOW USING THE FAS0018 SCREWS.

ATTACH THE PARTITION TO THE FLOOR OF THE VEHICLE USING THE 5/16" HH SCREWS AND WASHERS SHOWN ABOVE. (USE OPTIONAL SPACERS UNDER FOOTER RAIL IF NEEDED FOR INSTALLED FLOORING MATERIALS)

FINISH INSTALLATION BY NOW TIGHTENING THE FASTENERS THAT ATTACH THE PANELS TO THE WINGS, FOOTER RAIL AND HEADER PANEL.

THIS COMPLETES THE INSTALLATION.