

WKC2GMOP-G WING KIT GM



Partition panels are sold separately.

PRODUCT WEIGHT

17.5 LBS

WIDTH x DEPTH x HEIGHT

63.8" x 6.25" x 54.2"

CAPACITY

N/A

COLOR

GRAY

CATALOG NUMBER

WKC2GMOP-G

PRODUCT FEATURES

Steel partition wing kit (using appropriate panel kit) for GM FSV 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.

FLEET ONLY!

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

PAGE 1 of 2

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Accessory Chart

	Cargo Side	Cab Side
	Base Partition BAGRKA1 REQUIRED (1 BAGRKA1 will allow for one accessory to be added)	None available
Available Accessories	-	-
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	-



Assembly/Installation Instructions and Owners Manual



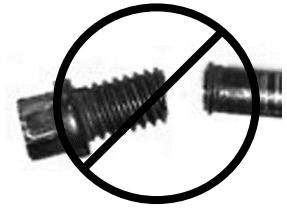
(WKC2GMOP-G SHOWN)

PARTITION INSTALLATION KIT **WKC2GMOP-G** FOR GM FSV, STANDARD ROOF VANS

- 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.

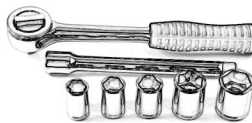
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS



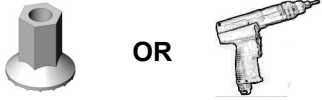
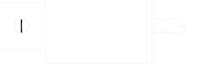
MEASURING TAPE

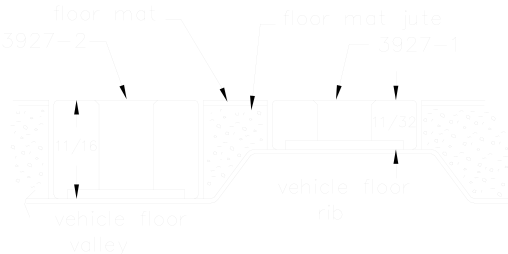
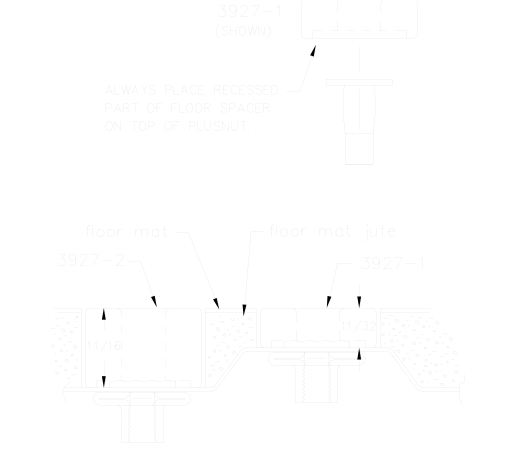
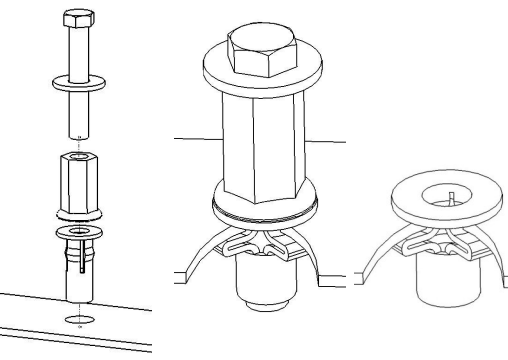
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

Assembly/Installation Instructions and Owners Manual



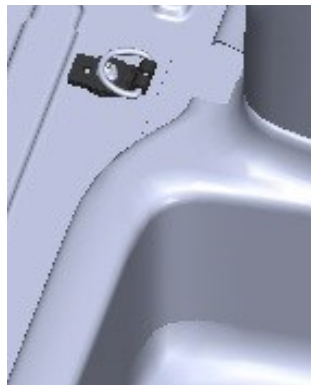
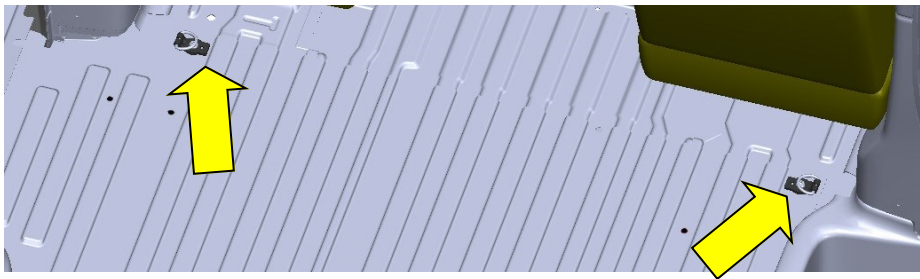
WHEN INSTALLING PLUSNUTS MAKE SURE YOU USE THE CORRECT DRILL BIT WITH A STOP!

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.
 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. 

 floor mat 3927-2 floor mat lute 3927-41 vehicle floor valley	Step 01 Optional	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
 3927-41 (shown) ALWAYS PLACE RECESSED PART OF FLOOR SPACER ON TOP OF PLUSNUT floor mat 3927-2 floor mat lute 3927-41 vehicle floor valley	Step 02 Prepare Mounting Locations	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. 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 an Air Powered Plusnut Setting Gun to "set the plusnut" or if installing manually with hand tools, assembly the following. <u>1/4-20UNC Plusnut (FAS0052)</u> FAS0080 SCREW, HXHD, 1/4-20UNCx2.00, G8 FAS0067 WASHER, FLAT, 1/4"ID 22200-0 PLUSNUT TOOL <u>5/16-18UNC Plusnut (FAS0091)</u> 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	STAR DRIVER BIT	DIRVER		
				

Instructions for Step 04



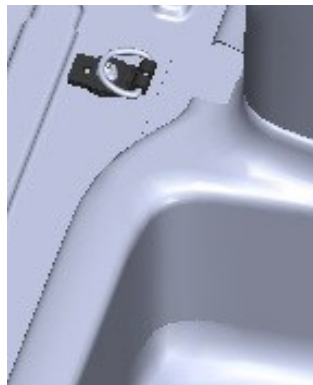
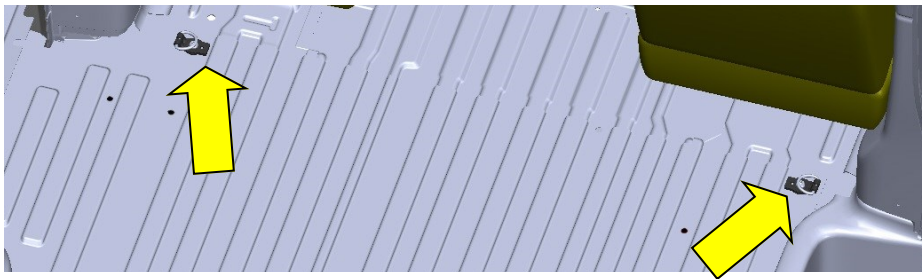
LOCATE AND REMOVE THE TWO (2) OEM D-RINGS THAT ARE JUST BEHIND THE FRONT SEATS AND IN LINE WITH THE B-PILLARS.

REMOVE THE D-RINGS AND **SET-ASIDE THE BOLTS FOR USE IN ATTACHING THE FOOTER RAIL IN THE NEXT STEP.**

DISCARD OF THE TWO (2) D-RINGS.

PARTS YOU WILL USE FOR STEP 05	STAR DRIVER BIT	DIRVER		
				

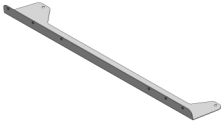
Instructions for Step 05



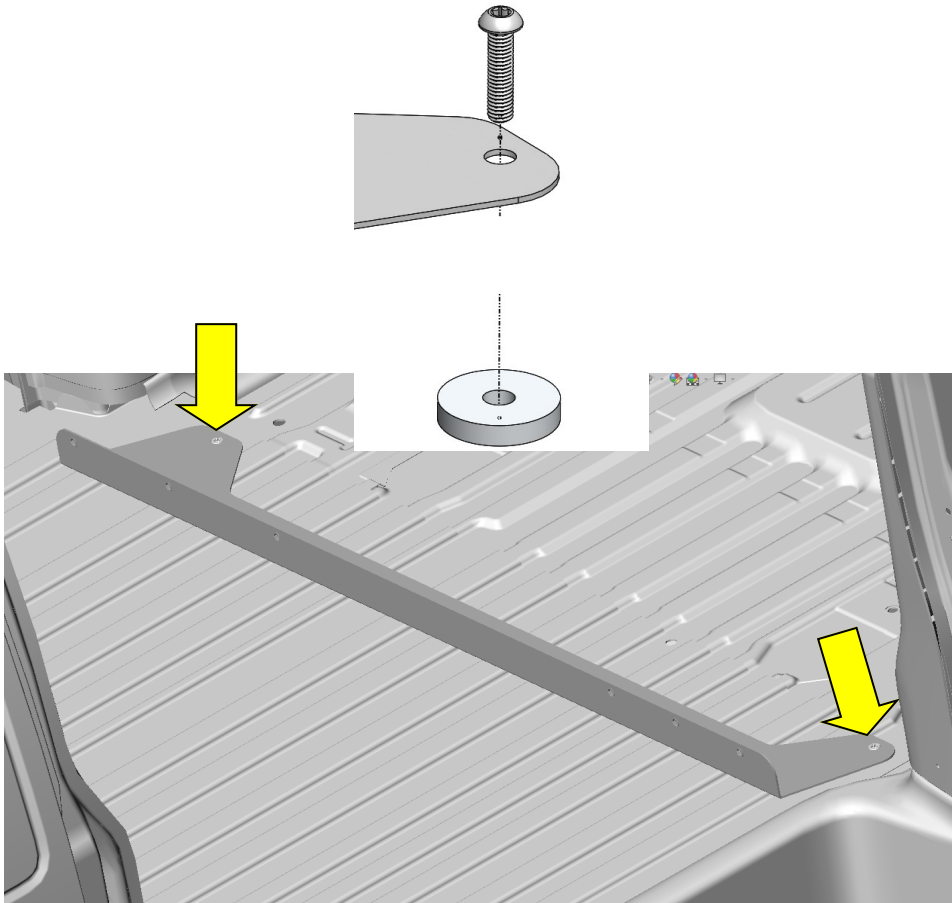
LOCATE AND REMOVE THE TWO (2) OEM D-RINGS THAT ARE JUST BEHIND THE FRONT SEATS AND IN LINE WITH THE B-PILLARS.

REMOVE THE D-RINGS AND **SET-ASIDE THE BOLTS FOR USE IN ATTACHING THE FOOTER RAIL IN THE NEXT STEP.**

DISCARD OF THE TWO (2) D-RINGS.

PARTS YOU WILL USE FOR STEP 05	59046-G FOOTER RAIL ASSM, GM FSV, (1) EACH	59083 SPACER (2) EACH	OEM D-RING FASTENER FROM PREVIOUS STEP (2) EACH	
				
	STAR DRIVE SOCKET	DRIVER		
				

Instructions for Step 05

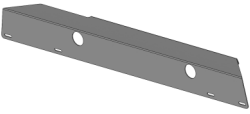
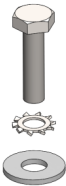


PLACE ONE (1) SPACER (59083) INTO POSITION OVER THE D-RING THREADED HOLES IN THE FLOOR OF THE VEHICLE.

NOTE: FOOTER DESIGN MAY VARY FROM IMAGE!

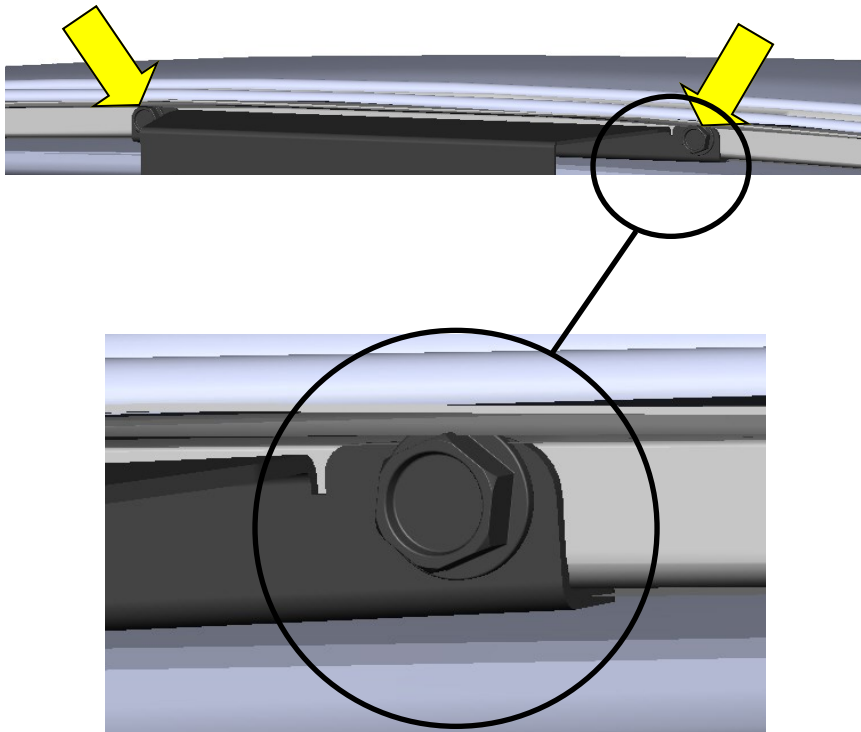
POSITION THE FOOTER RAIL OVER THE SPACERS AS SHOWN.

USE THE TWO (2) OEM FASTENERS REMOVED IN STEP 04 AND PLACE AND TIGHTEN THE SCREWS.

PARTS YOU WILL USE FOR STEP 06	58090-g HEADER PANEL , F.T. (1) EACH	DRILL WITH 3/8" STEP BIT	FAS0052 1/4" PLUSNUT (2) REQUIRED	PLUSNUT GUN
				
	FAS0066, FAS0078 & FAS0124 FASTENER SET (2) SETS	DRILL/DRIVER	7/16" SOCKET	
				

Instructions for Step 06

INSTALL HEADER BRACKET INTO VEHICLE.

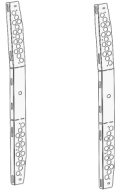
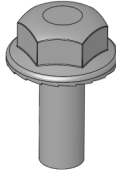
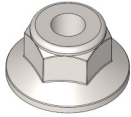
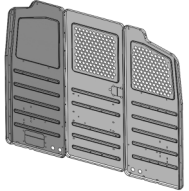


LOCATE THE TWO OEM HOLES AT THE CENTER OF THE HEADER THAT ARE 18" APART.

USING A 3/8" DIAMETER STEP DRILL, OPEN UP THE HOLES FOR THE PLUSNUTS.

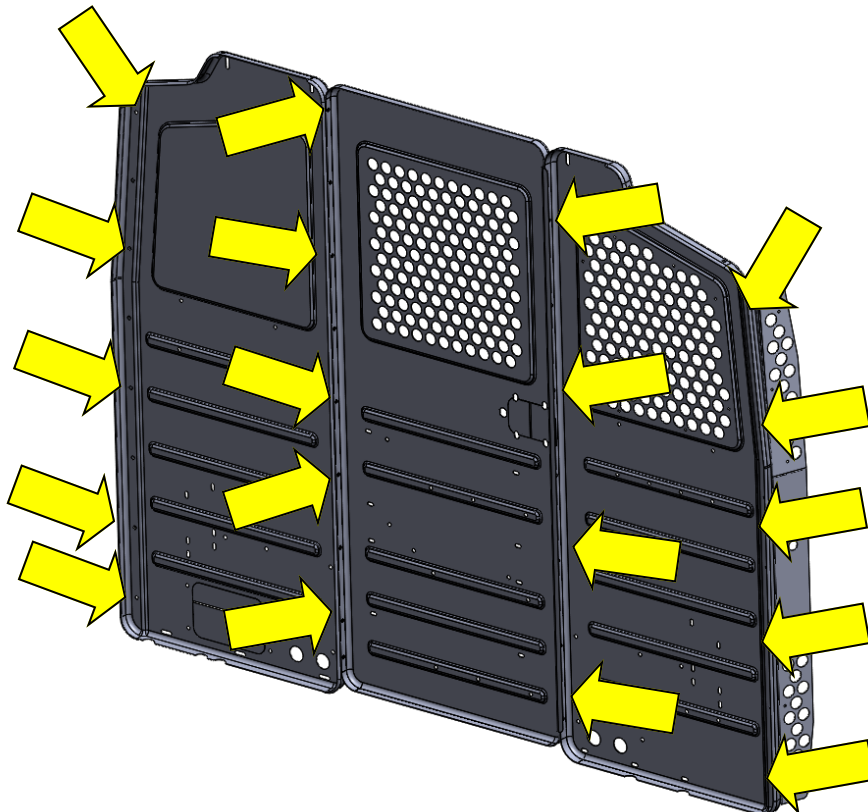
INSTALL AND SET THE TWO 1/4" PLUSNUTS.

POSITION THE HEADER BRACKET AS SHOWN AND SECURE USING THE ABOVE LISTED 1/4" FASTENERS (2) PLACES.

PARTS YOU WILL USE FOR STEP 07	59079-G CLOSEOUT PANELS, GM, (2) EACH	FAS0018 1/4" FLANGE SCREW (10) EACH	FAS0055 1/4" FLANGE LOCKNUT (10) EACH	APPROPRIATE PARTI- TION PANEL ASSEMBLY (SEPARATE)
				
	DRILL/DRIVER	7/16" SOCKET	7/16" BOX WRENCH	
				

Instructions for Step 07

ATTACH CLOSEOUT PANELS TO THE APPROPRIATE PARTITION PANEL ASSEMBLY (SEE ASSEMBLY INSTRUCTIONS FOR PANELS).



POSITION BOTH CLOSE-OUT PANELS ONTO THE APPROPRIATE SMC PANEL ASSEMBLY USING THE ABOVE LISTED FASTENERS.

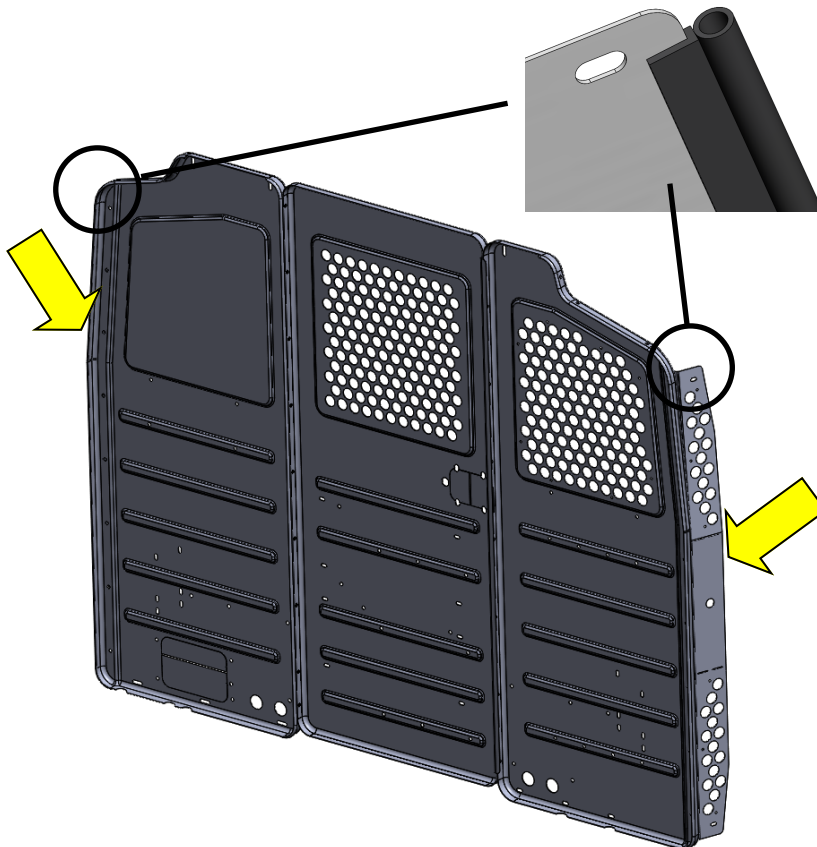
USE THE FAS0018 SCREWS THRU FROM THE FRONT SIDE OF THE WINGS AND THEN THRU THE PARTITION PANELS. ATTACH USING FAS0055 NUTS IN FIVE (5) PLACES ON EACH WING AS SHOWN.

USE THE FAS0018 SCREWS AND FAS0055 BOLTS TO FASTEN PARTITION PANELS TOGETHER AT NINE (9) LOCATIONS SHOWN.

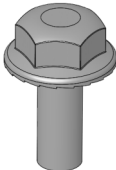
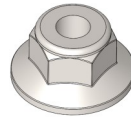
PARTS YOU WILL USE FOR STEP 08	PANEL ASSEMBLY FROM PREVIOUS STEP	32398-0 SEAL EDGE BULB (2) EACH		
				

Instructions for Step 08

ATTACH BULB SEALS TO BOTH CLOSEOUT PANELS AS SHOWN.



ATTACH A BULB SEAL ON-TO EACH UPPER PORTION OF CLOSOUT PANEL LEADING EDGE.

PARTS YOU WILL USE FOR STEP 09	PANEL ASSEMBLY FROM PREVIOUS STEP	FAS0018 1/4" FLANGE SCREW (10) EACH	FAS0055 1/4" FLANGE LOCKNUT (2) EACH	
				
	DRILL/DRIVER	7/16" SOCKET	7/16" BOX WRENCH	
				

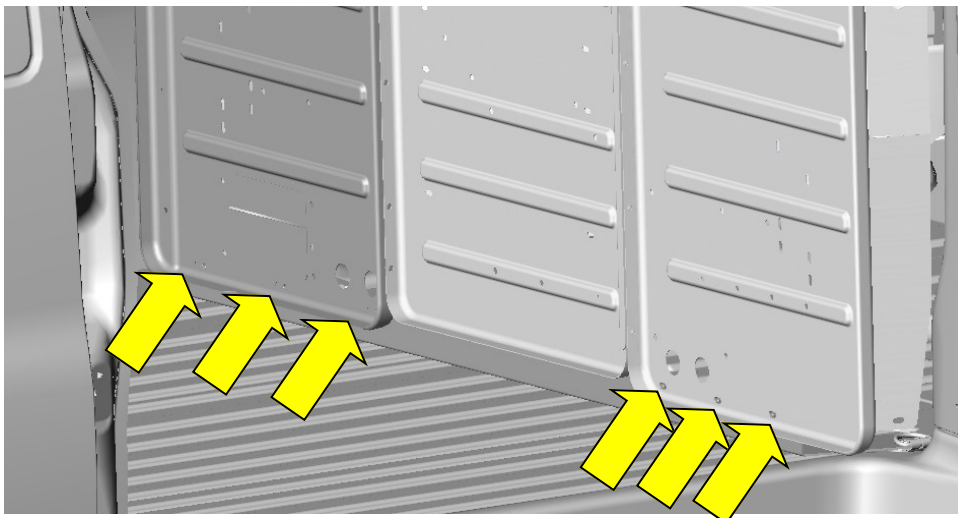
Instructions for Step 09

POSITION PANELS ASSEMBLY INTO VEHICLE AND SECURE.



POSITION THE PARTITION PANEL ASSEMBLY ONTO THE VEHICLE AGAINST THE FOOTER AND HEADER PANELS.

USE THE FAS0018 SCREWS THRU FROM THE BACK SIDE OF THE PARTITION PANELS AT THE FOOTER. ATTACH USING FAS0018 IN THE SIX (6) PLACES ON THE PANELS AS SHOWN.



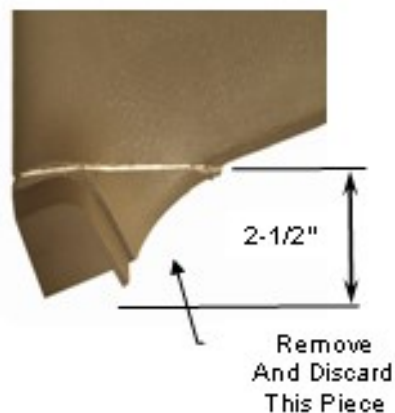
ATTACH THE HEADER USING TWO FAS0018 SCREWS ON THE RIGHT HAND SIDE OF THE PANEL ASSEMBLY.

ATTACH THE HEADER USING TWO FAS0018 AND TWO FAS0055 ON THE LEFT HAND SIDE OF THE PANEL ASSEMBLY.

PARTS YOU WILL USE FOR STEP 10	TRIM SAW	MEASURING TAPE	MARKER	
				

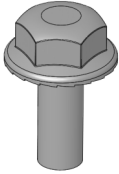
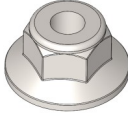
Instructions for Step 10

REMOVE AND MODIFY VEHICLE TRIM.



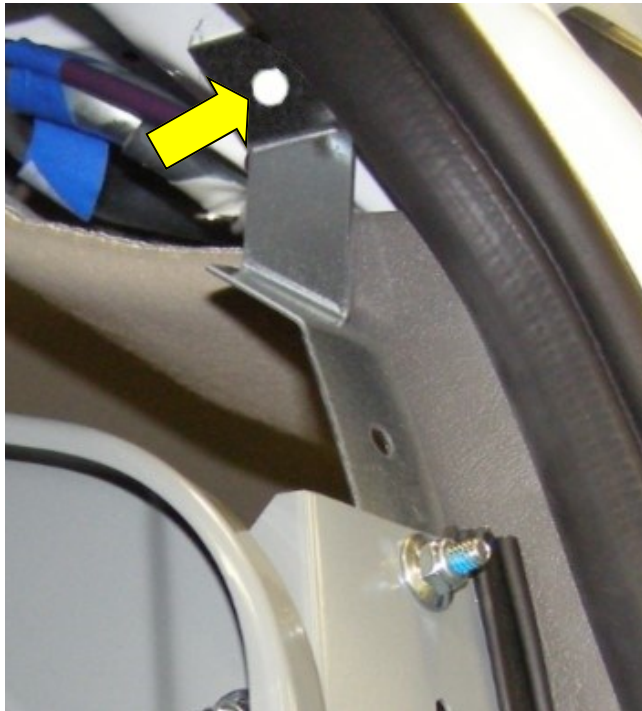
FOR GM VEHICLES WITH SLIDING SIDE CARGO DOOR YOU WILL NEED TO REMOVE THE DOOR TRACK FACIA TRIM PANEL AND MODIFY (TRIM) IT AS SHOWN IN LEFT SIDE DETAIL VIEW.

NOTE: IF YOU DO NOT HAVE A SLIDING SIDE CARGO DOOR, SKIP THIS STEP.

PARTS YOU WILL USE FOR STEP 11	FAS0018 1/4" FLANGE SCREW (1) EACH	FAS0055 1/4" FLANGE LOCKNUT (1) EACH	32662-0 WING BRKT, GM FSV (1) EACH	DRILL/DRIVER & 7/16" SOCKET AND BOX WRENCH
				
	MARKER			
				

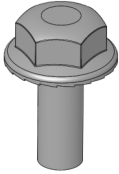
Instructions for Step 11

MARK PLUSNUT LOCATION FOR DRILLING.



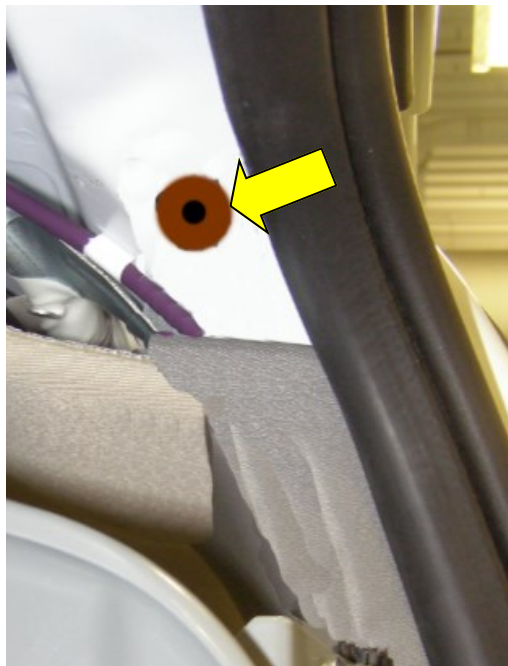
ATTACH THE WING BRACKET TO THE VEHICLE USING ONE FAS0018 AS SHOWN AND LEAVE FASTENERS LOOSE.

PIVOT THE BRACKET INTO POSITION AS SHOWN AND MARK THE LOCATION FOR DRILLING.

PARTS YOU WILL USE FOR STEP 12	FAS0018 1/4" FLANGE SCREW (1) EACH	FAS0052 PLUSNUT, 1/4-20 PB DC (1) EACH	DRILL/DRIVER & 7/16" SOCKET	PLUSNUT GUN
				

Instructions for Step 12

SET PLUSNUT AND FINISH INSTALL.



INSERT AND SET THE PLUSNUT AND ATTACH THE WING BRACKET TO THE VEHICLE USING ONE FAS0018 AS SHOWN AND FULLY TIGHTEN.

FULLY TIGHTEN THE FASTENERS ATTACHING THE BRACKET TO THE WING.

RE-ATTACH THE HEADLINER TRIM AND TRACK TRIM (IF A SLIDING DOOR IS PRESENT)

YOUR INSTALLATION IS NOW COMPLETE!