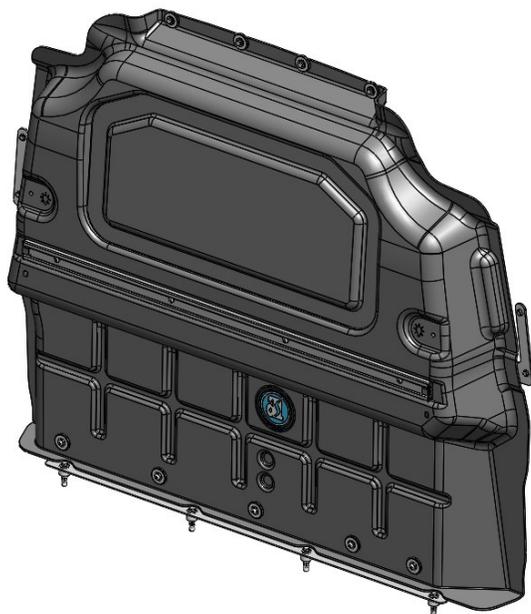


FORD TRANSIT CONNECT PARTITION



PRODUCT WEIGHT

40 LBS

WIDTH x DEPTH x HEIGHT

58" x 6.6" x 48.5"

CAPACITY

N/A

COLOR

BLACK

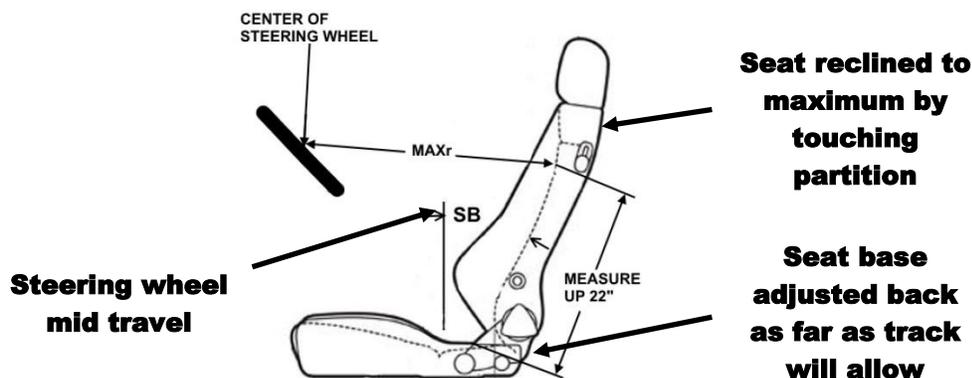
CATALOG NUMBER

PARTC-NW

PRODUCT FEATURES

Composite partition for FORD TRANSIT CONNECT provides a semi-sealed solution for separating the cab area from the cargo area. The composite partition features a full perimeter bulb seal that seals off the majority of the airflow from the cab area to the cargo area. This feature provides better climate control for the cab area and reduces noise transfer from the cargo area to the cab area.

Driver Comfort Details



	DESCRIPTION	DIMENSION
SB	SEAT BACK ANGLE	12 degrees
MAXr	MAXIMUM DRIVER REACH	25-3/4"

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

PAGE 1 of 2

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time without prior notification.

Accessory Chart

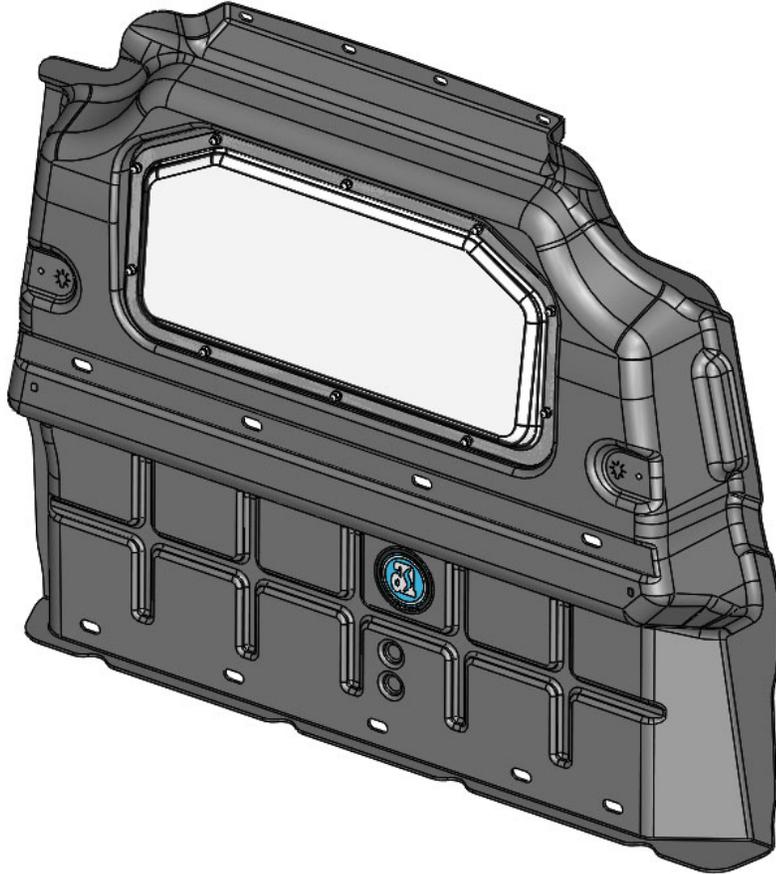
	Cargo Side		Cab Side
	Base Partition BAGRKA1 REQUIRED (1 BAGRKA1 will allow for one accessory to be added)	PARHDW Fastener Kit Allow accessories to be added directly mounted to partition	None available
Available Accessories	-	-	-
PA7: Reflector kit	X	X	-
PA8: Fire ext.	X	X	-
PA9: First aid tray	X	X	-
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		-

PARHDW Fastener Kit

Fastener kits allow for installation of smaller and lighter (up to 12 lbs.) Allows accessories to be directly mounted to the partition, such as: fire extinguisher, flare kit, first aid kits, acc.



Assembly/Installation Instructions and Owners Manual



(PARTC SHOWN)

COMPOSITE PARTITIONS PARTC & PARTC-NW FORD TRANSIT CONNECT 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.

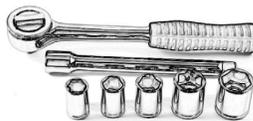
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS

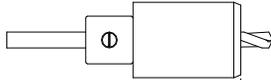


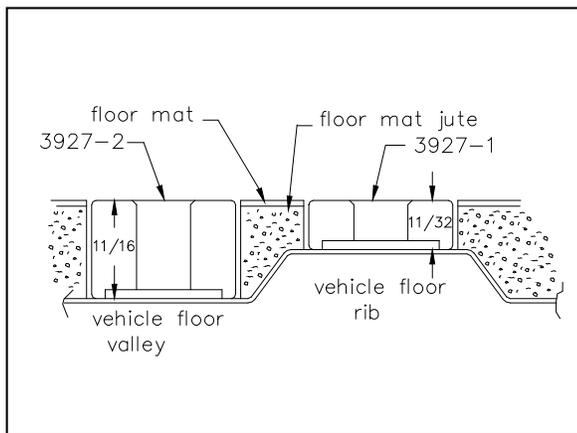
MEASURING TAPE

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



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. 

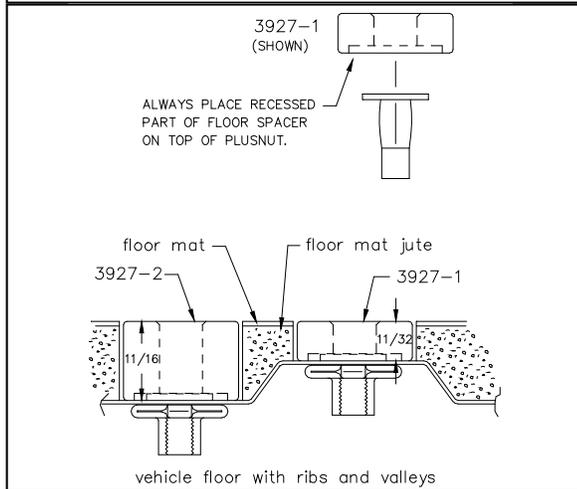


Step 01
Optional Based on Vehicle

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**.

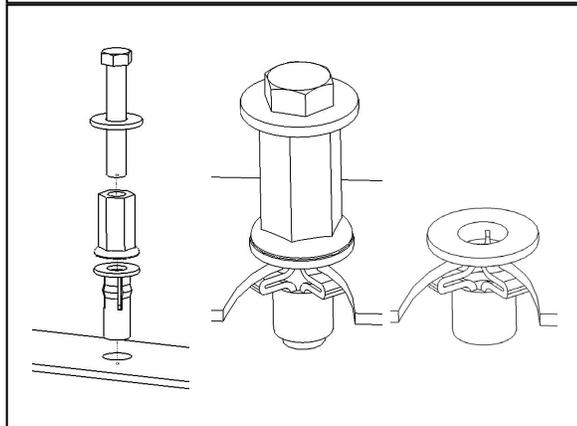


Step 02
Prepare Mounting Locations

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 an 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.

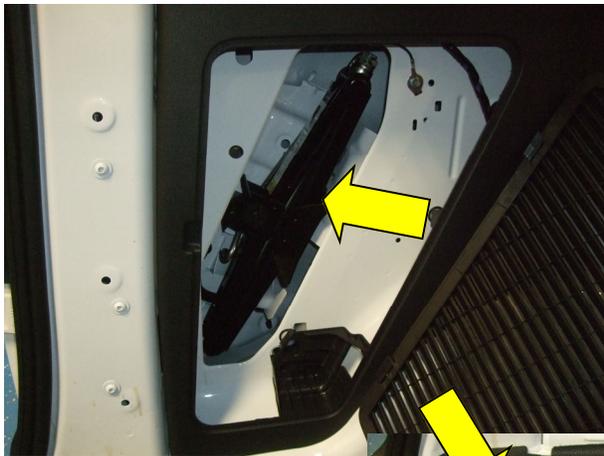
Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

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

<p>PARTS YOU WILL USE FOR</p> <p>STEP 01</p>	<p>HDW44645 JACK RELOCATION KIT</p>			
				

Instructions for Step 01

REMOVE OEM JACK FROM STREETSIDE REAR COMPARTMENT.



IF YOU ARE INSTALLING CABINETS OR EQUIPMENT THAT WILL COVER THE STREETSIDE OF THE CARGO AREA YOU WILL NEED TO RELOCATE THE OEM JACK FROM ITS CURRENT LOCATION.

REMOVE THE STREETSIDE REAR ACCESS PANEL AND REMOVE THE JACK FROM ITS OEM LOCATION AND REPLACE THE ACCESS PANEL.

<p>PARTS YOU WILL USE FOR</p> <p>STEP 02</p>	<p>3/8" DIA. DRILL BIT WITH STOP</p>	<p>DRILL</p>	<p>OEM JACK AND HANDLE</p>	<p>PRIMER</p>
				

Instructions for Step 02

RE-POSITION JACK, MARK LOCATION, DRILL AND PRIMER.



SET THE OEM JACK IN POSITION BEHIND THE PASSENGER SEAT AND AGAINST THE FLOOR RISER STRUCTURE. WHILE THE JACK IS IN ITS NEW POSITION USE THE HAND KNOB (42889) TO MARK THE LOCATION FOR THE 1/4" PLUSNUT

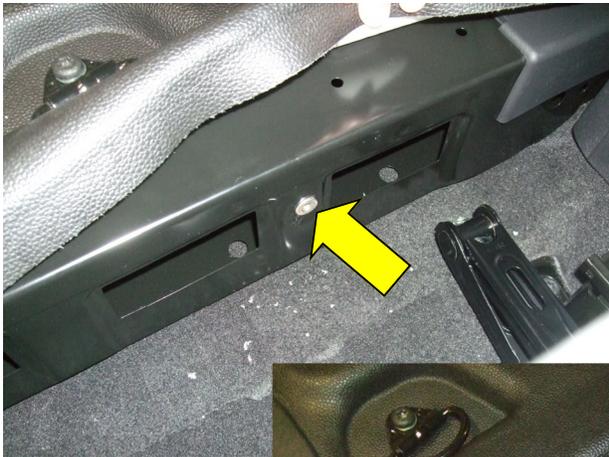
USE A 3/8" DIAMETER DRILL BIT WITH STOP AND DRILL A 3/8" HOLE.

APPLY PRIMER TO THE RAW SHEET METAL EDGE.

PARTS YOU WILL USE FOR STEP 03	OEM JACK AND HANDLE	PLUSNUT GUN OR SETTING TOOL	FAS0052 1/4-20 PLUSNUT (1) EA	
				

Instructions for Step 03

SET PLUSNUT AND ATTACH JACK AS SHOWN.

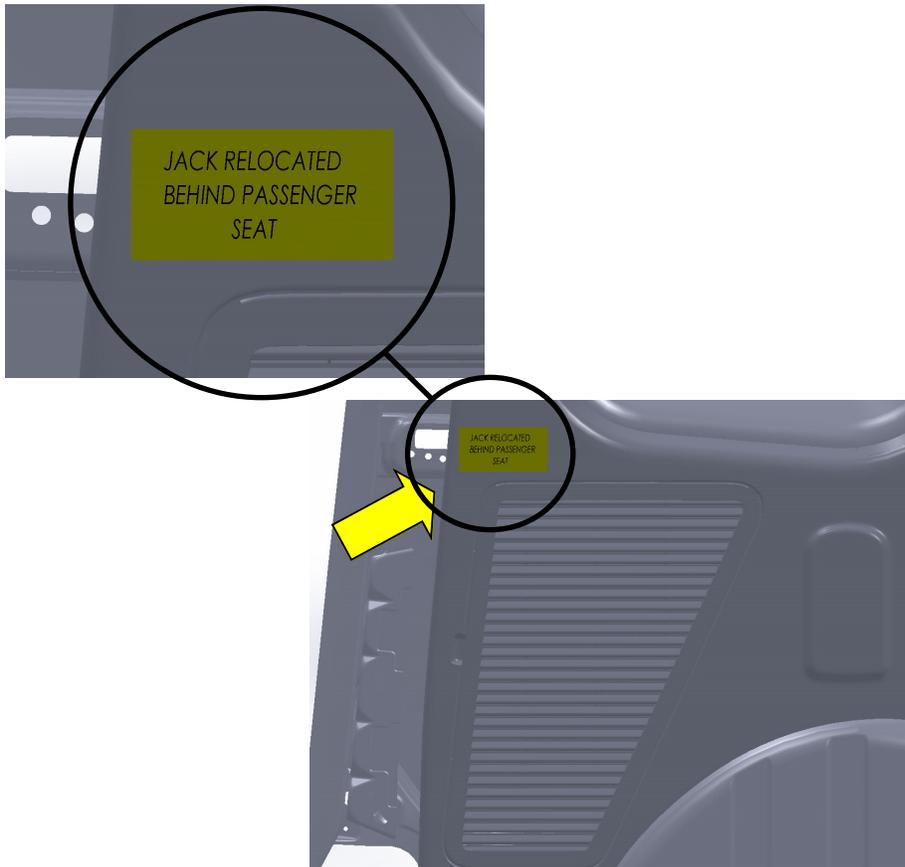


SET THE 1/4" PLUSNUT IN THE NEW HOLE LOCATION. FASTEN DOWN THE OEM JACK WITH THE HAND KNOB (42889). MAKE SURE THAT BOTH THE JACK AND THE HANDLE ARE TIGHTLY FASTENED TO PREVENT RATTLING.

PARTS YOU WILL USE FOR STEP 04	47675 JACK RELOCATED LABEL			
	JACK RELOCATED BEHIND PASSENGER SEAT			

Instructions for Step 04

APPLY LABEL AS SHOWN.



APPLY THE "JACK RELOCATED LABEL" TO THE STREETSIDE BODY PANEL ABOVE THE ACCESS PANEL WHERE THE JACK USED TO BE LOCATED.

PARTS YOU WILL USE FOR STEP 05	PAINT MARKER OR CENTER PUNCH	MEASURING TAPE	PREVIOUSLY VALIDATED JIG	3/8" DRILL BIT WITH STOP
			OR	

Instructions for Step 05

FOR 2014-2017 VEHICLES ONLY! MODIFY YOUR TRANSIT CONNECT HEADLINER



USE A PREVIOUSLY VALIDATED DRILL JIG OR MEASURE OUT AND MARK VEHICLE ROOF BOW FOR DRILLING.

CAREFULLY USE A UTILITY KNIFE TO TRIM AWAY THE SECTION OF HEADLINER AS SHOWN.

CUT DOWN TO HEADLINER SEAM AS SHOWN.



FOR 2018-2021 MODEL YEAR VEHICLES WITH FABRIC HEADLINER SHOWN BELOW, PROCEED TO STEP 06 AND SKIP STEP 07



**FABRIC HEADLINER,
WRAPS ROOF BOW,
FOAM LAYER**

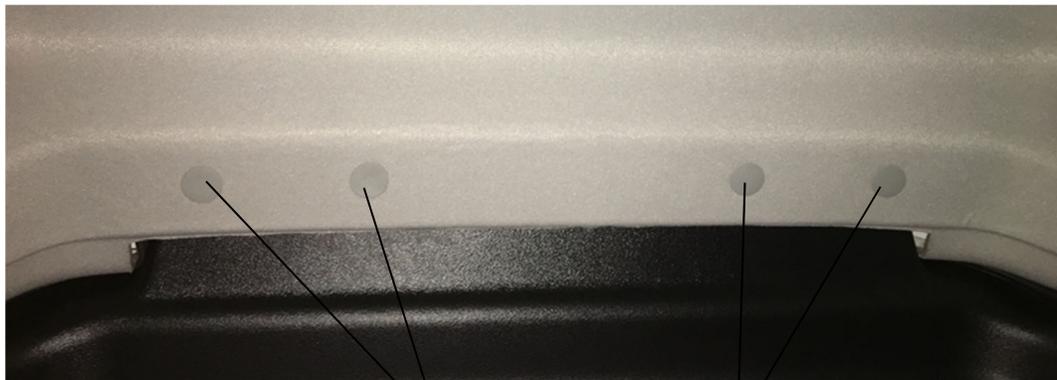
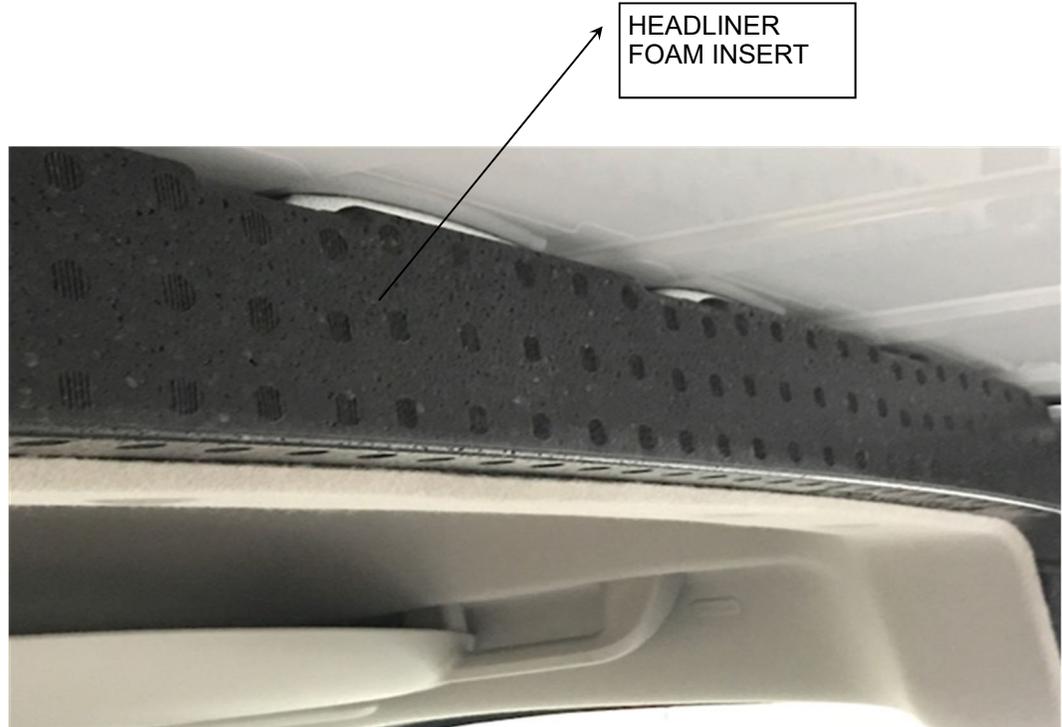
FOR 2021-NEWER MODEL YEAR VEHICLES WITH PLASTIC HEADLINER SHOWN BELOW, SKIP STEP 06 AND PROCEED TO STEP 07



**PLASTIC HEADLINER,
SOLID PIECE ENCLOSING
ROOF BOW, NO FOAM
LAYER**

FOR 2018-2021 VEHICLES ONLY!
FOLLOW THRU STEP 06 TO MODIFY HEADLINER FOAM INSERTS OTHERWISE SKIP TO STEP 07.

STEP 06



**STEP
06
CONT'D**



REMOVE PUSHINS FROM SIDE FOAM INSERTS

REMOVE SIDE FOAM INSERTS (BOTH STREET AND CURB SIDES)

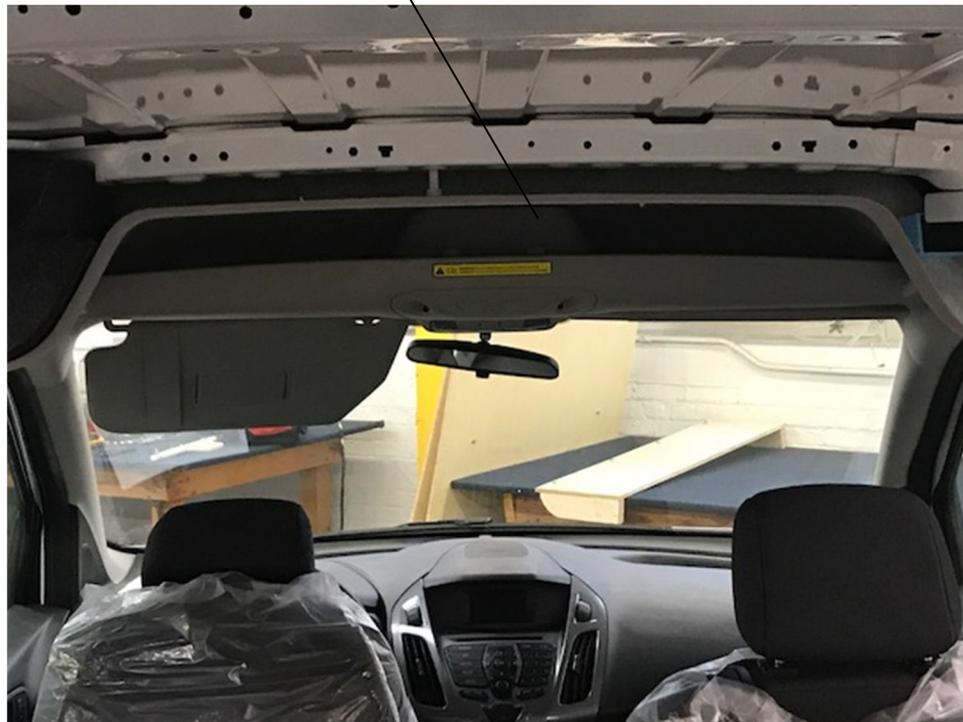


**STEP
06
CONT'D**



REMOVE HEADLINER
FOAM INSERT

HEADLINER AFTER REMOVAL OF
HEADLINER FOAM INSERTS



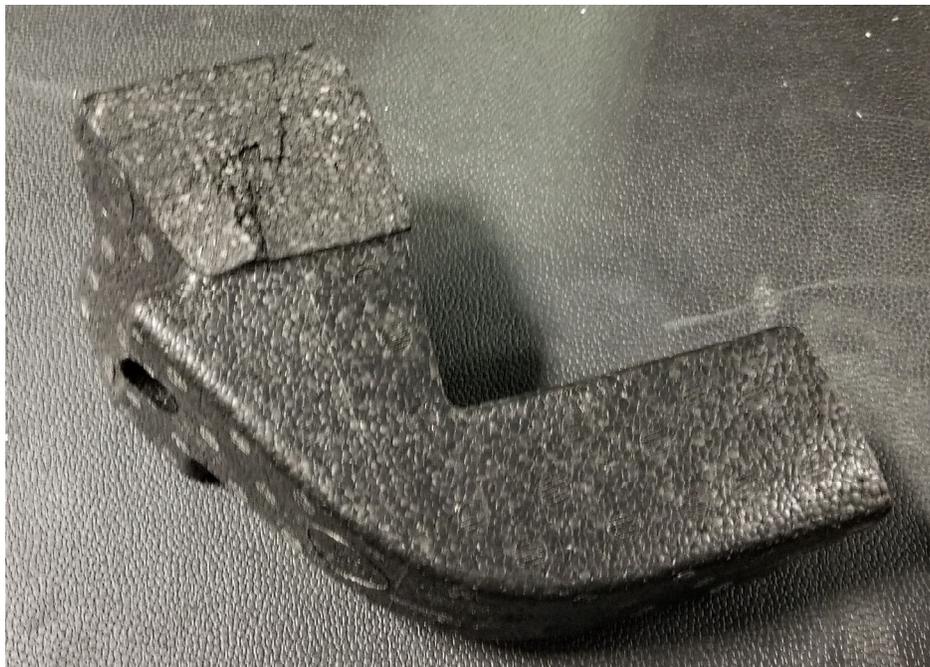
**STEP
06
CONT'D**

CUT CENTER FOAM INSERT ALONG RED DOTTED LINE AND REMOVE CUT SECTION AND DISCARD



CUT BOTH SIDE FOAM INSERTS ALONG RED DOTTED LINE AND REMOVE CUT SECTION AND DISCARD

**STEP
06
CONT'D**



STEP 06 CONT'D

RE-INSTALL BOTH SIDE FOAM INSERTS.



RE-INSTALL CENTER FOAM INSERT.







STEP 06 CONT'D



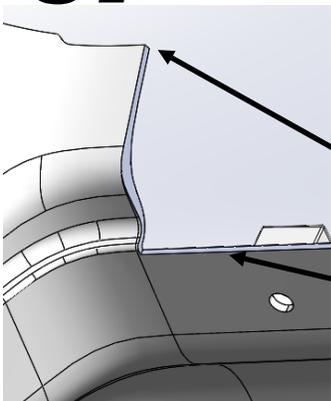
RE-INSTALL HEADLINER
AND PASSENGER SIDE
PUSH-PINS

RE-INSTALL FOAM INSERTS

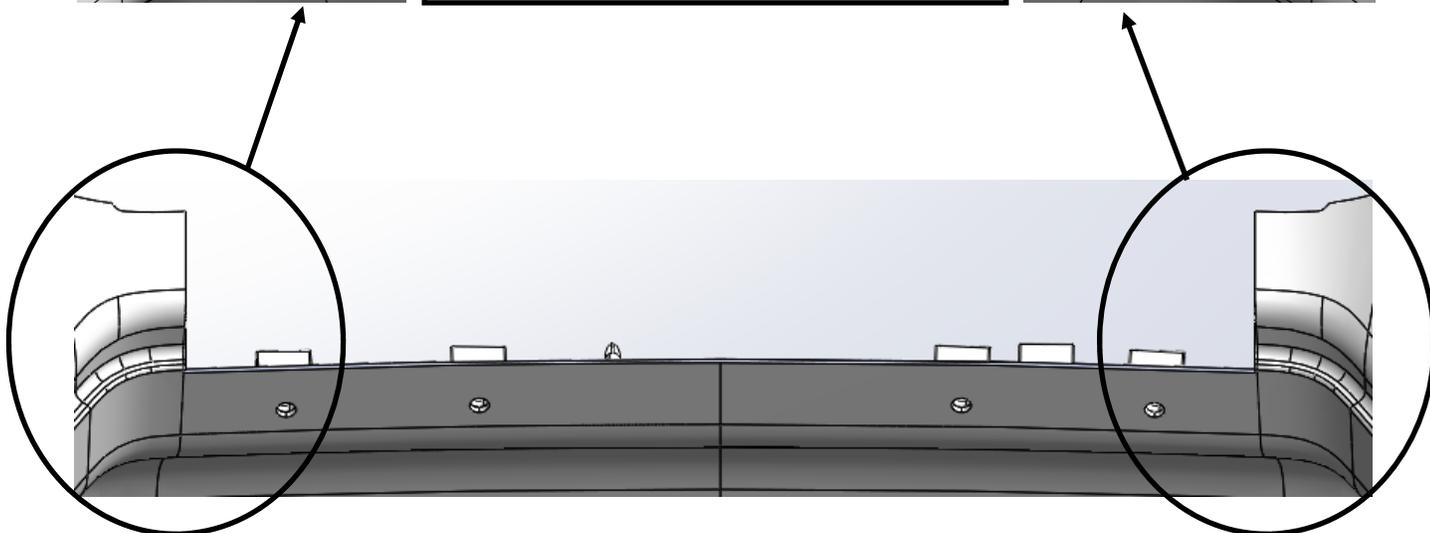
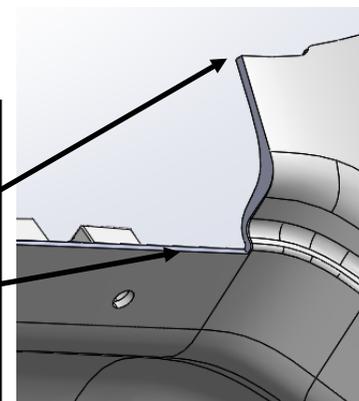
**AFTER RE-INSTALLING THE HEADLINER PINS, CONTINUE TO STEP 08
FOR PARTITION INSTALLATION**

STEP 07

FOR 2021-NEWER VEHICLES ONLY!
FOLLOW THRU STEP 07 TO MODIFY PLASTIC HEADLINER,
OTHERWISE SKIP TO STEP 08.



- FOR GUIDANCE:**
- CUT EACH SIDE FROM EDGE OF ROOF RECESS.
 - CUT BACK TO THE HEADLINER EDGE RADIUS OF THE ROOF BOW.



**REINSTALL HEADLINER BEFORE
INSTALLING PARTITION.**

28" WIDE CENTERED CUTOUT

CUT BACK TO ROOF CROSSBOW

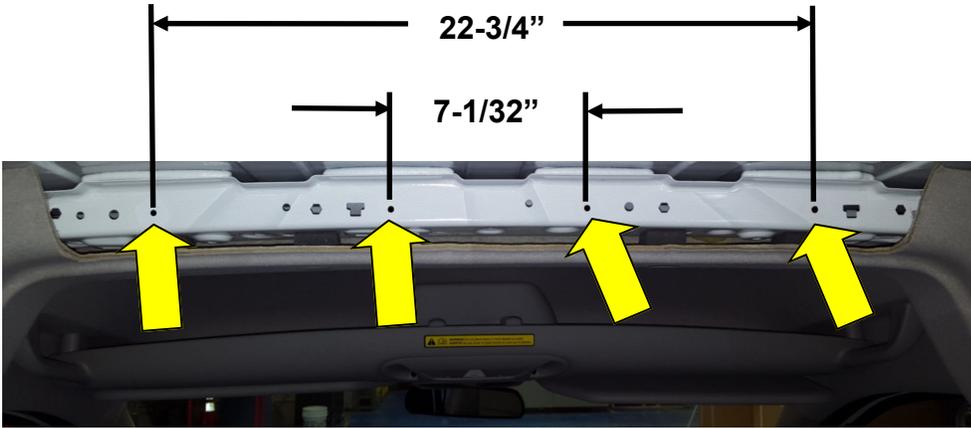


CARGO SIDE WITH PARTITION INSTALLED

PARTS YOU WILL USE FOR STEP 08	PAINT MARKER OR CENTER PUNCH	MEASURING TAPE	PREVIOUSLY VALIDATED JIG	3/8" DRILL BIT WITH STOP
			OR 	
	DRILL			
				

Instructions for Step 08

MARK AND DRILL MOUNTING HOLE LOCATIONS IN ROOF BOW AS SHOWN.



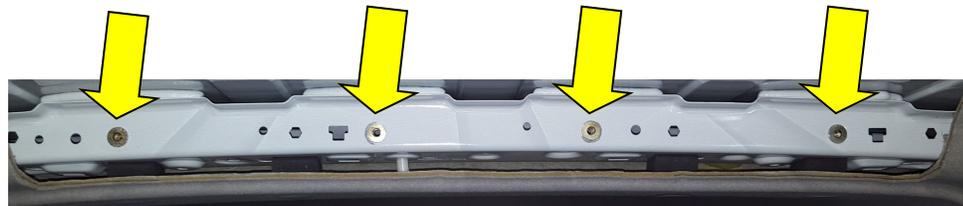
USE A PREVIOUSLY VALIDATED DRILL JIG OR MEASURE OUT AND MARK VEHICLE ROOF BOW FOR DRILLING.

MARK LOCATIONS AS SHOWN AND USING A 3/8" DRILL-BIT WITH STOP, DRILL THE FOUR (4) LOCATIONS FOR PLUSNUTS.

PARTS YOU WILL USE FOR STEP 09	PRIMER	FAS0052 1/4" PLUSNUTS (4) EA.	PLUSNUT GUN OR SETTING TOOL	
				

Instructions for Step 09

APPLY PRIMER AND INSTALL PLUSNUTS TO ROOF BOW AS SHOWN.



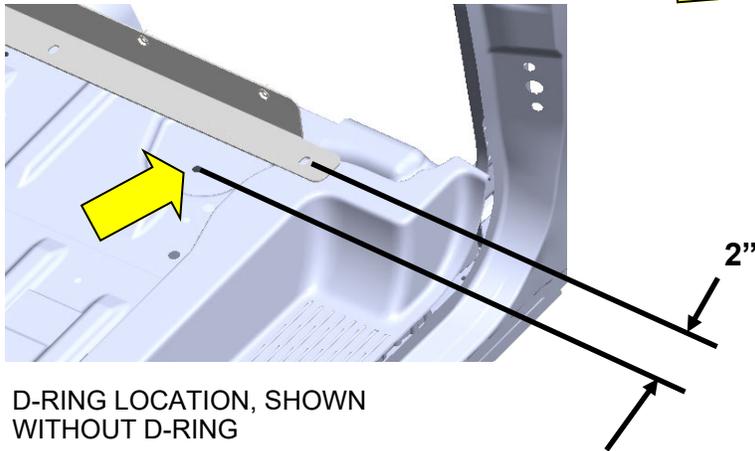
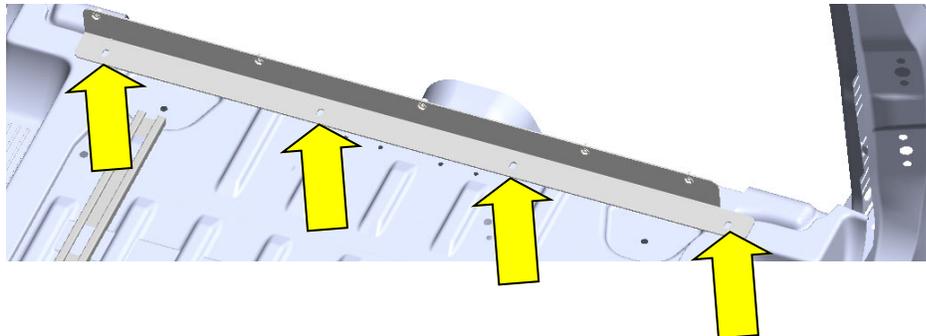
APPLY PRIMER TO ALL RAW EDGES.

SET FOUR (4) 1/4" PLUSNUTS AS SHOWN.

PARTS YOU WILL USE FOR STEP 10	1/2" DIA. DRILL BIT WITH STOP 	DRILL 	1-3/16" HOLESAW 	PAINT MARKER or CENTER PUNCH 
	50757-B FOOTER RAIL 	PRIMER 		

Instructions for Step 10

DRILL MOUNTING HOLES IN VEHICLE FLOOR AS SHOWN.



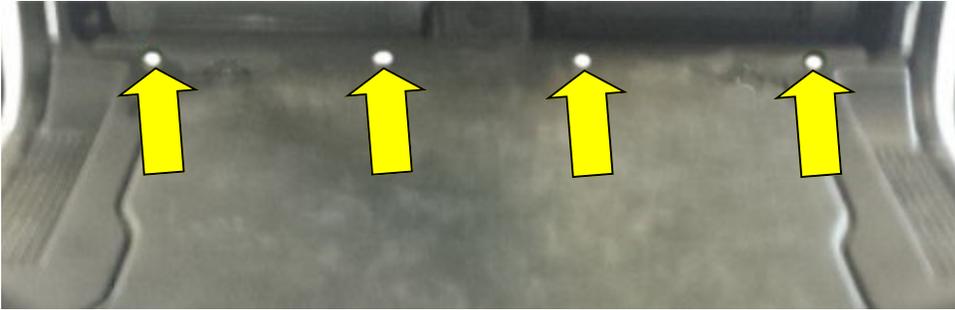
D-RING LOCATION, SHOWN WITHOUT D-RING

LOCATE FOOTER RAIL AS SHOWN (OR USE PREVIOUSLY CREATED AND VALIDATED DRILL JIG) MARK FOUR (4) HOLE LOCATIONS. THE CENTER OF THE FOUR HOLE LOCATIONS ARE TO BE 2" FORWARD FROM THE OEM D-RING BOLTS (CENTER) AND CENTERED ACROSS THE VEHICLE AS SHOWN. NOTE: MARK THE FOUR (4) LOCATIONS. USE THE HOLE SAW TO CUT THRU THE FOOTWELL TRIM AND FLOORMAT (IF SUPPLIED). DRILL THRU THE VEHICLE FLOOR USING 1/2" DIAMETER DRILL BIT WITH STOP. APPLY PRIMER TO ALL RAW SHEET METAL EDGES.

PARTS YOU WILL USE FOR STEP 11	FAS0091 5/16-18 PLUSNUT (4) EA	PLUSNUT GUN OR SETTING TOOL	03927-2 FLOOR SPACER (4) EACH	
				

Instructions for Step 11

INSTALL PLUSNUTS AND SPACERS IN VEHICLE FLOOR AS SHOWN.



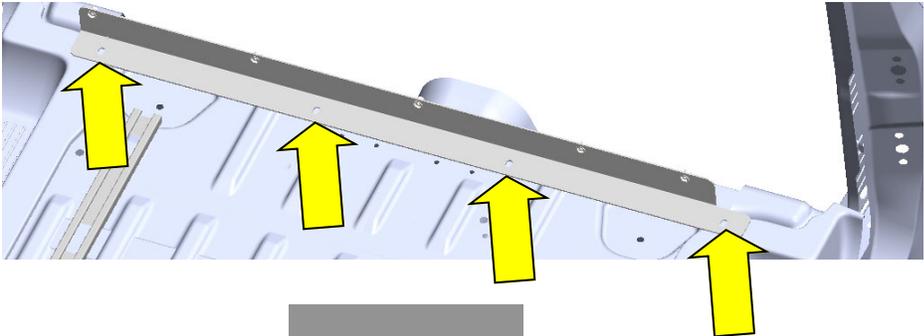
SET 5/16" PLUSNUTS IN ALL FOUR (4) FLOOR LOCATIONS.

PLACE 03927-2 TALL SPACERS IN ALL FOUR FLOOR LOCATIONS AS SHOWN.

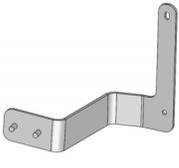
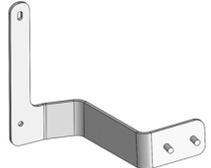
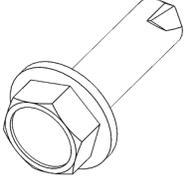
PARTS YOU WILL USE FOR STEP 12	50757-B FOOTER RAIL (1) EACH	FAS0095, 5/16X2" HEX CAP SCREWS (4) EACH	FAS0098, 5/16" LOCK WASHERS (4) EACH	FAS0112, 5/16" FLAT WASHERS (4) EACH
				
	DRILL/DRIVER	1/2" SOCKET		
				

Instructions for Step 12

ATTACH FOOTER TO VEHICLE FLOOR AS SHOWN.

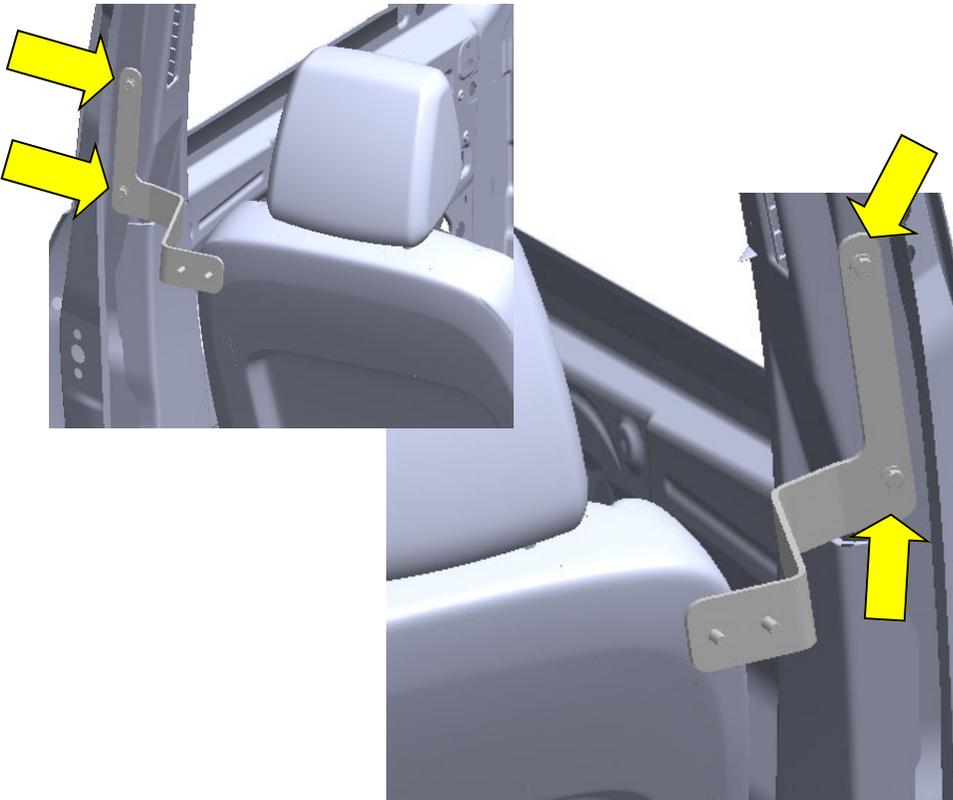


FASTEN THE FOOTER RAIL TO THE VEHICLE AS SHOWN USING THE 5/16" BOLTS, LOCKWASHERS AND FLAT WASHERS AS SHOWN

PARTS YOU WILL USE FOR STEP 13	50761-B, CS MTG BRKT (1) EACH	50762-B, SS MTG BRKT (1) EACH	FAS0682 SCREW,HH TEK 1/4-14X1 ZP (4) EACH	DRILL/DRIVER
				
	7/16" SOCKET			
				

Instructions for Step 13

ATTACH CURBSIDE AND STREETSIDE MOUNTING BRACKETS AS SHOWN.



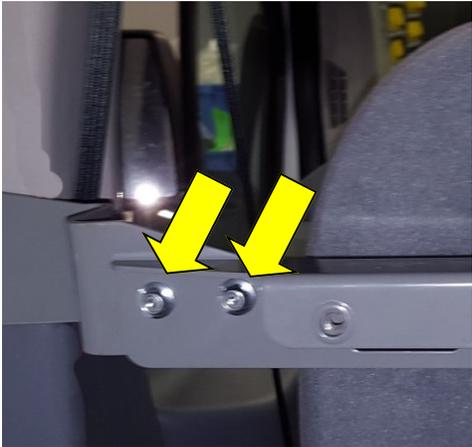
POSITION THE CURBSIDE MOUNTING BRACKET TO THE B-PILLAR AND SECURE USING 1/4" TEK SCREWS AND THE TWO (2) OEM B-PILLAR MOUNTING HOLES AS SHOWN.

POSITION THE STREETSIDE MOUNTING BRACKET TO THE B-PILLAR AND SECURE USING 1/4" TEK SCREWS AND THE TWO (2) OEM B-PILLAR MOUNTING HOLES AS SHOWN.

PARTS YOU WILL USE FOR STEP 14	50755-B CROSS CHANNEL ASSM., (1) EACH	FAS0248, 5/16" LOCK NUT (4) EACH	FAS0112, 5/16" FLAT WASHERS (4) EACH	DRILL/DRIVER
				
	1/2" SOCKET			
				

Instructions for Step 14

ATTACH CROSS CHANNEL AS SHOWN.



ATTACH THE CROSS CHANNEL TO THE STREETSIDE BRACKET AS SHOWN.



ATTACH THE CROSS CHANNEL TO THE CURBSIDE BRACKET AS SHOWN.

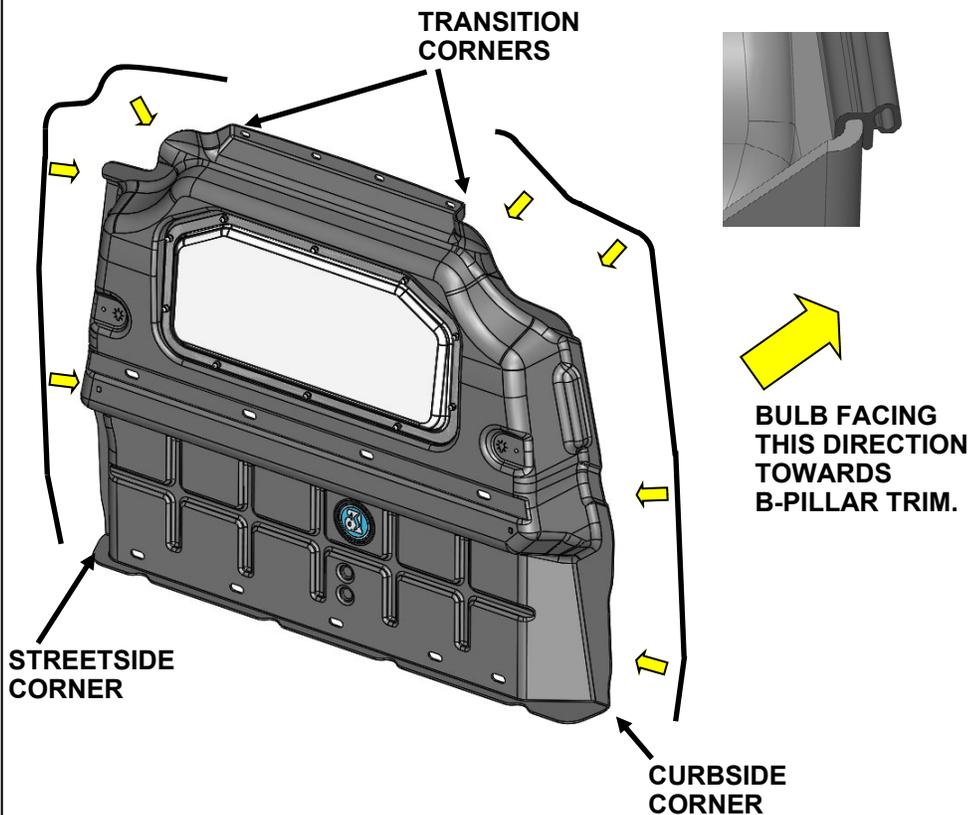
POSITION THE CROSS CHANNEL OVER THE CURBSIDE AND STREETSIDE MOUNTING BRACKET STUDS AS SHOWN.

ATTACH THE CROSS CHANNEL TO THE MOUNTING BRACKETS (PLUSNUTS SHOULD BE FACING TOWARDS BACK OF VEHICLE) USING SHOWN USING THE 5/16" FLAT WASHERS AND LOCKNUTS AND TIGHTEN.

PARTS YOU WILL USE FOR STEP 15	50767 PARTITION W/WINDOW	50751 PARTITION SOLID	50770 SEAL, (2) EACH	
				
	SMALL RUBBER MALLET			
				

Instructions for Step 15

ATTACH BULB SEALS TO PARTITION AS SHOWN.



ATTACH ONE (1) 50770 SEAL TO THE CURBSIDE OF THE PARTITION PANEL STARTING AT THE BOTTOM CORNER AND WORKING UP TO THE TRANSITION CORNER

ATTACH ONE (1) 50770 SEAL TO THE STREETSIDE OF THE PARTITION PANEL STARTING AT THE BOTTOM CORNER AND WORKING UP AND OVER TO THE TRANSITION CORNER.

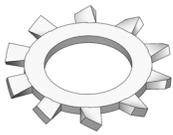
PARTS YOU WILL USE FOR STEP 16	PARTITION PANEL ASSEMBLIES WITH BULB SEALS INSTALLED			
				

Instructions for Step 16

INSERT PARTITION PANEL INTO VEHICLE.

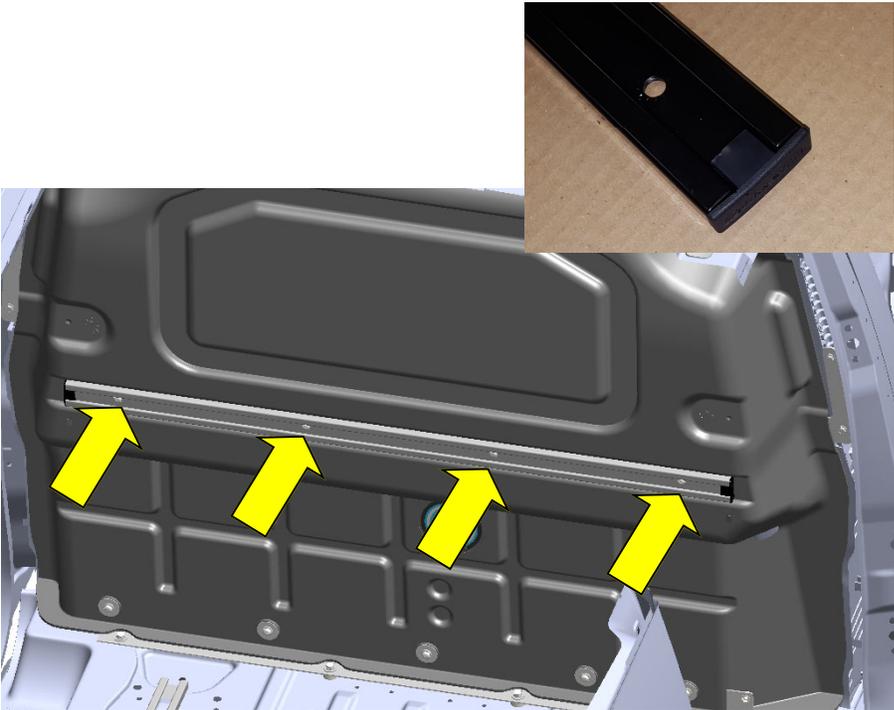


INSERT PARTITION INTO VEHICLE WITH BOTTOM EDGE AGAINST FOOTER AND THEN PIVOT UP AND FORWARD INTO PLACE AGAINST B-PILLARS AND HEADLINER.

PARTS YOU WILL USE FOR STEP 17	50766-B RAIL AD, PARFTL	36496-0 END CAP (2) EACH	FAS0708 BHCS 5/16X1-1/4 (4) EACH	FAS0085 5/16 LOCK WASHER (4) EACH
				
	DRILL/DRIVER	3/16" HEX DRIVER BIT	SMALL RUBBER MALLET	
				

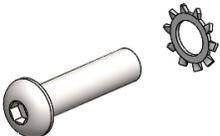
Instructions for Step 17

ATTACH AD RAIL TO PARTITION AS SHOWN.



INSERT A PLASTIC END CAP INTO EACH END OF THE AD RAIL AS SHOWN

ATTACH THE AD RAIL AND PARTITION PANEL TO THE CROSS CHANNEL USING THE ABOVE LISTED 5/16" FASTENERS AT FOUR (4) PLACES AS SHOWN .



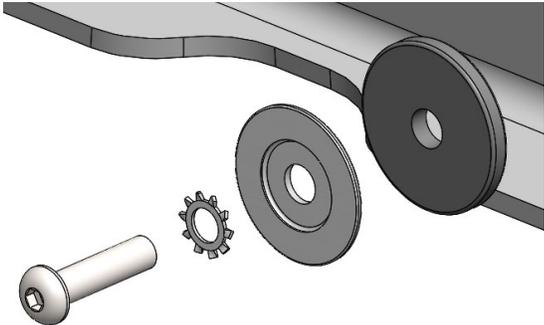
PARTS YOU WILL USE FOR STEP 18	FAS0708 BHCS 5/16X1-1/4 (5) EACH	FAS0085 5/16 LOCK WASHER (5) EACH	FAS0833 WASHER, CUP (5) EACH	FAS0253 WASHER, IV-2 (5) EACH
	DRILL/DRIVER	3/16" HEX DRIVER BIT		

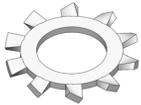
Instructions for Step 18

ATTACH PARTITION PANEL AS SHOWN.



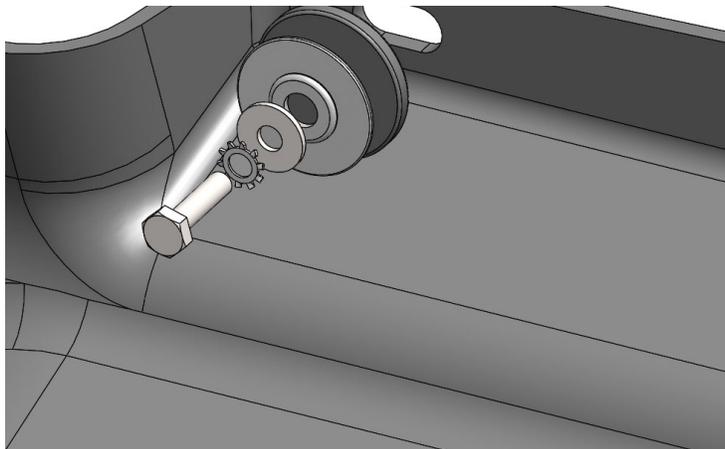
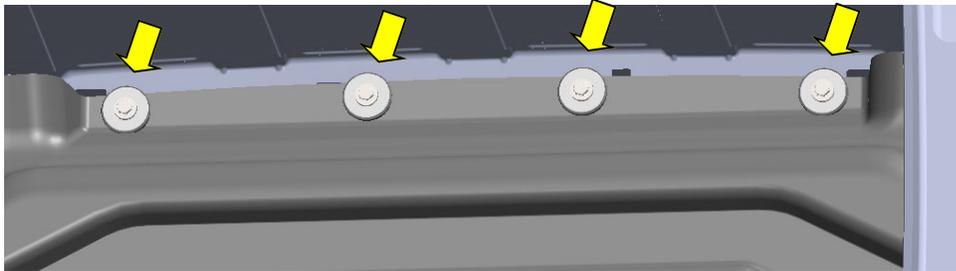
ATTACH THE PARTITION PANEL TO THE PARTITION FOOTER USING THE ABOVE LISTED 5/16" FASTENERS AT FIVE (5) PLACES AS SHOWN.



PARTS YOU WILL USE FOR STEP 19	FAS0078 1/4X1 HEX HEAD (4) EACH	FAS0123 1/4 LOCK WASHER (4) EACH	FAS0067 1/4 FLAT WASHER (4) EACH	FAS0833 WASHER, CUP (5) EACH
				
	FAS0253 WASHER, IV-2 (4) EACH	DRILL/DRIVER	7/16" HEX SOCKET	
				

Instructions for Step 19

ATTACH PARTITION PANEL TO HEADER AS SHOWN.



ATTACH THE PARTITION PANEL TO THE PARTITION HEADER USING THE ABOVE LISTED 1/4" FASTENERS AT FOUR (4) PLACES AS SHOWN.

YOUR INSTALLATION IS NOW COMPLETE.

IF YOUR PARTITION CAME WITH FOAM INSERTS.
AFTER PARTITION IS FULLY INSTALLED SLIDE /
PUSH IN FOAM INSERTS AS SHOWN.

STEP 20



YOUR INSTALLATION IS NOW COMPLETE.