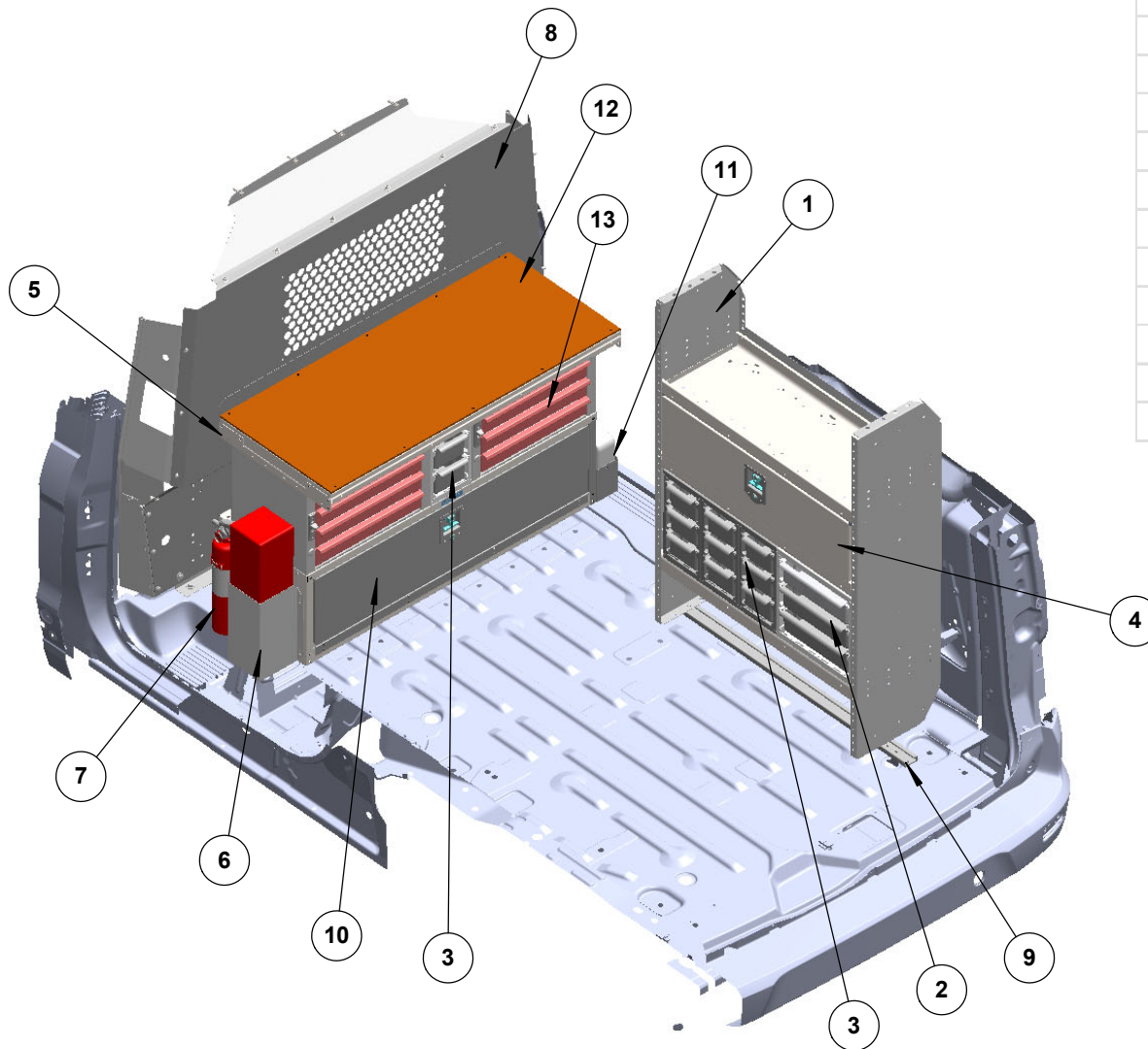


ITEM	PART #	DESCRIPTION	QTY
1	AD1232TC14	12X32 SHELF ASSM,TC 2014	1
2	DC12	DRAWER COMPONENT 12" WIDE	1
3	DC6	DRAWER COMPONENT 6" WIDE	4
4	DK3008	8" DOOR KIT	1
5	MB113	MOUNT BRACKET W/FAS 1X5	2
6	PA7	REFLECTOR KIT	1
7	PA8	FIRE EXT.1A:10BC 2.5#	1
8	P2TCS14	STEEL PARTITION, 2014 TC	1
9	RKTC14	RAIL KIT,38" 2014 TC	1
10	40	WHEELHOUSE BIN - KD	1
11	43293	FIRST AID KIT AND HOLDER	1
12	60105	WORKBENCH (18X42)	1
13	9	4-DRAWER SHALLOW	2



CAUTION: DRILL THRU FLOOR WITH CARE! WATCH FOR GAS TANK, CONTROL LINES, & ELECTRICAL WIRING.



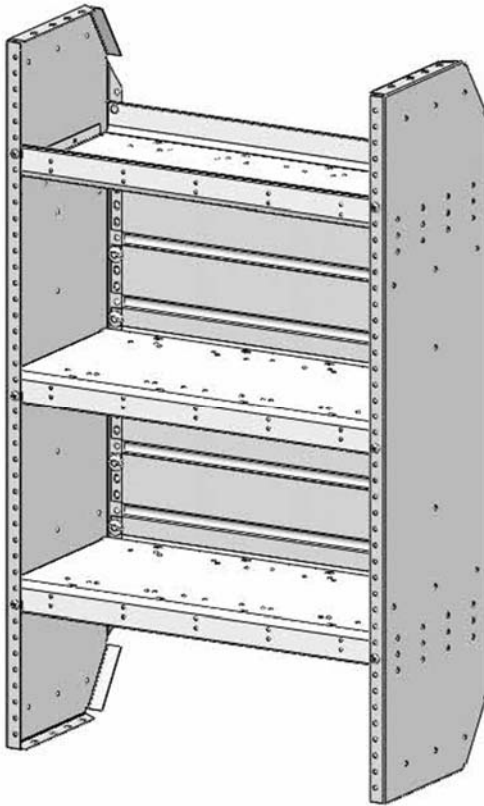
906 James Street
Adrian, Michigan 49221
517.265.6194
WWW.ADRIANSTEEL.COM

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THE MATERIAL/CONCEPTS/DESIGNS CONTAINED WITHIN THIS DOCUMENT ARE FOR THE PURPOSE OF SUPPLYING PRODUCT TO POTENTIAL ADRIAN STEEL COMPANY CUSTOMERS.

Drawn By:	BDS	Customer:	LOCKSMITH PACKAGE		
Date:	8/31/22				
ECN No:	22930	Vehicle	TRANSIT CONNECT 120"		
PDS No:	7021TCL	Package Weight:	270	Sheet:	1 of 1
				Rev.:	A



SHELVING UNIT 44"H X 32"W X 12 D



PRODUCT WEIGHT
50 LBS

WIDTH x DEPTH x HEIGHT
32" x 12" x 44"

CAPACITY
50 LBS PER SHELF

COLOR
GRAY

CATALOG NUMBER
AD1232TC14

PRODUCT FEATURES

AD series adjustable shelving unit with solid end panels and adjustable shelves. The adjustable shelves can be installed with the shelf lips "up" for cargo retention or with the shelf lips "down" to allow for the installation of accessories such as cabinet or drawer units.

Transit Connect. It may also be used in other vehicles including full size vans, and box trucks. A taller unit may be more desirable in these applications. This product is designed for installation into the 2014 Ford

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



CATALOG NUMBER AD1232TC14

PRODUCT APPLICATION

**This product is designed to be installed using ad rail mounting Ford
Transit Connect**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION
-----------------------	--------------------

DV12	DIVIDER/PNTD; KD'S
-------------	---------------------------

DV12 WILL ONLY WORK WITH LIP DOWN ON SHELF

DC12AD	DIVIDER,KIT 12" AD SHELF
---------------	---------------------------------

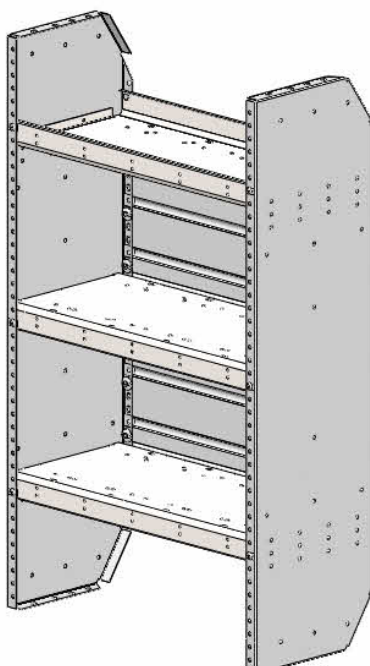
SPECIAL APPLICATION NOTES

**DV12 WILL ONLY WORK WITH LIP DOWN ON SHELF, THEY WILL NOT WORK
WITH SHELVES WITH LIP UP**

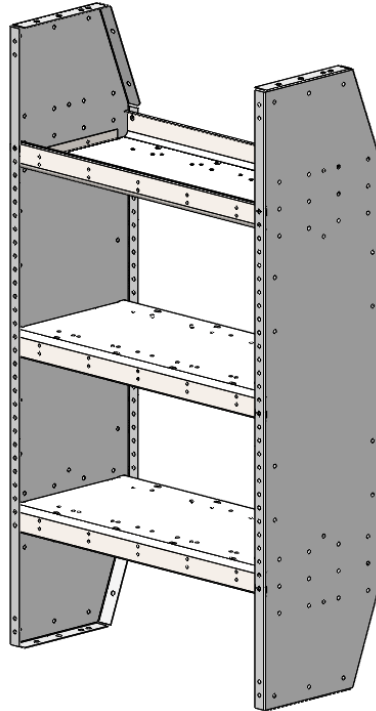
Introduction / Comments:

12DX26WX44H AND 12DX32WX44H SHELF ASSEMBLY. These units are designed for the 2014 Transit Connect only. You can install (1) AD1226TC or (1) AD1232TC14 unit on either side using Rail Kit RKTC14, or (2) AD1232TC14 units per side using Rail Kit RKDTC14. Long Wheel Base Only ref Assembly Instructions 46482. It will not work in any other applications without modifications.

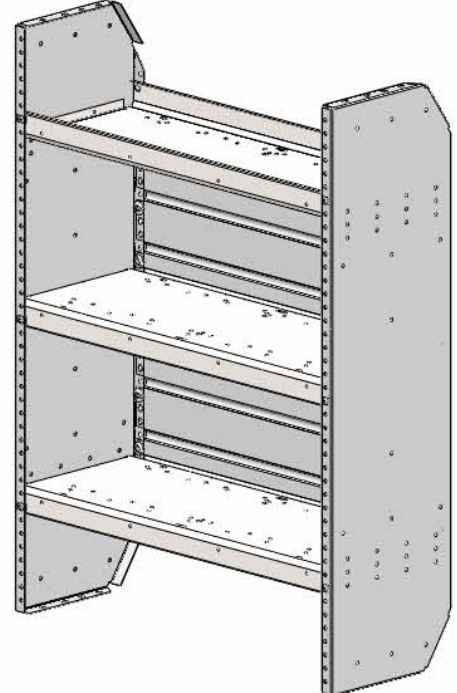
Note: It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Product gives you long service life.



AD1226TC14



54702



AD1232TC14

NOTE: WHEN INSTALLING UNITS ON STREET SIDE. REMOVE JACK AND ASSOCIATED EQUIPMENT AND STOW. REMEMBER TO REPLACE COVER ON TRIM BEFORE MOUNTING SHELVING.

AD1226TC14, AD1232TC14, 54702

- 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



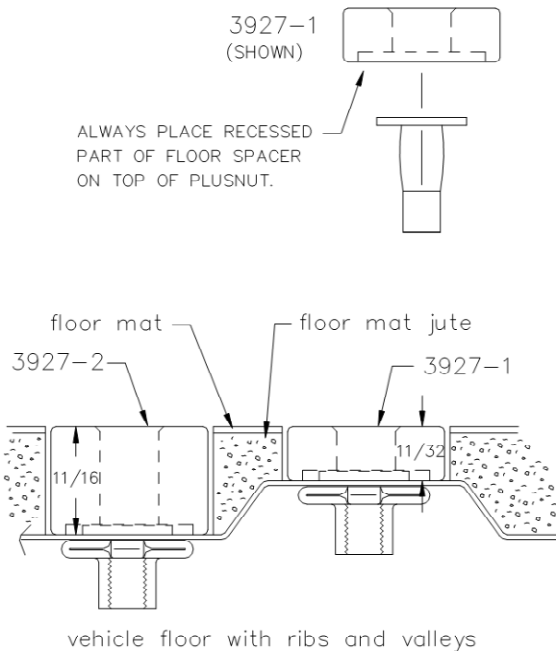
MEASURING TAPE

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.



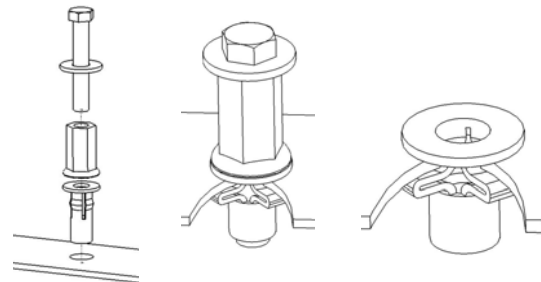
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

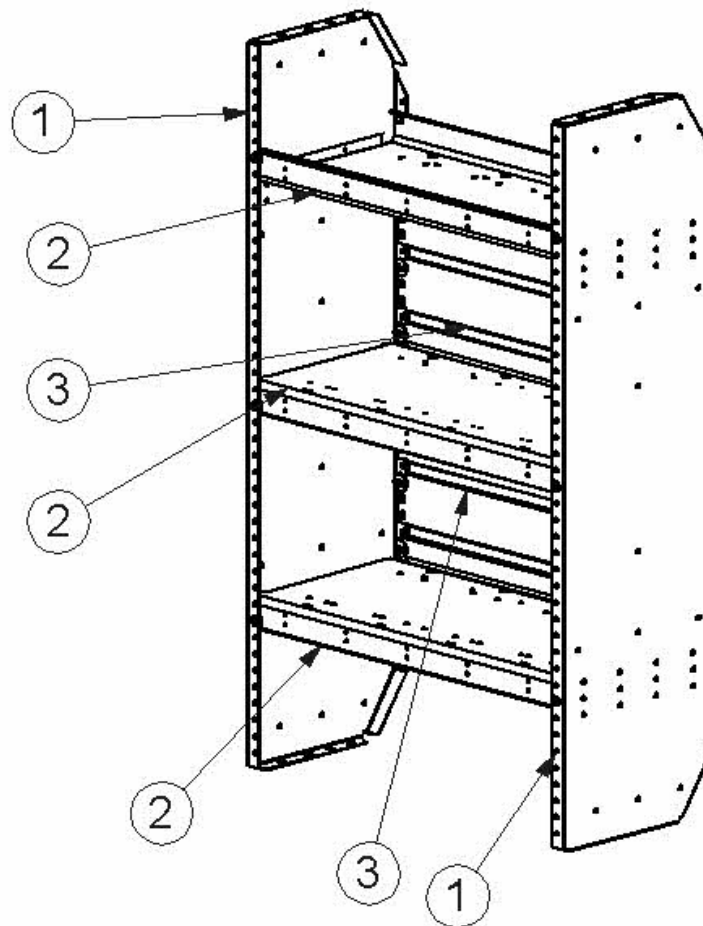


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).

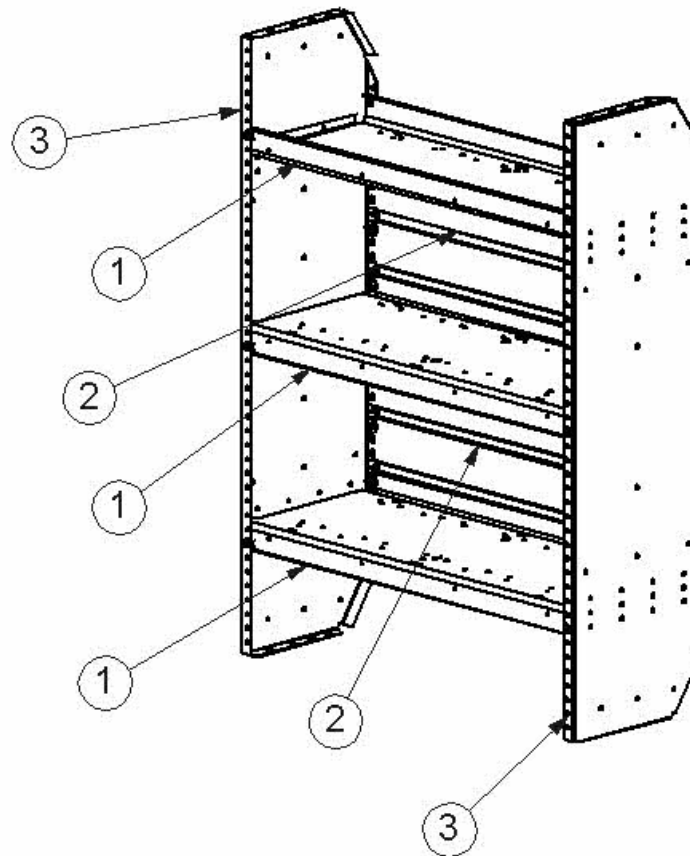
AD1226TC14

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP1244TC14	12X44 END PANEL, TC, 2014	2
2	44367-G	12x26 PAINTED SHELF ASS'Y	3
3	38755-G	BACK PANEL 26",PAINTED	2



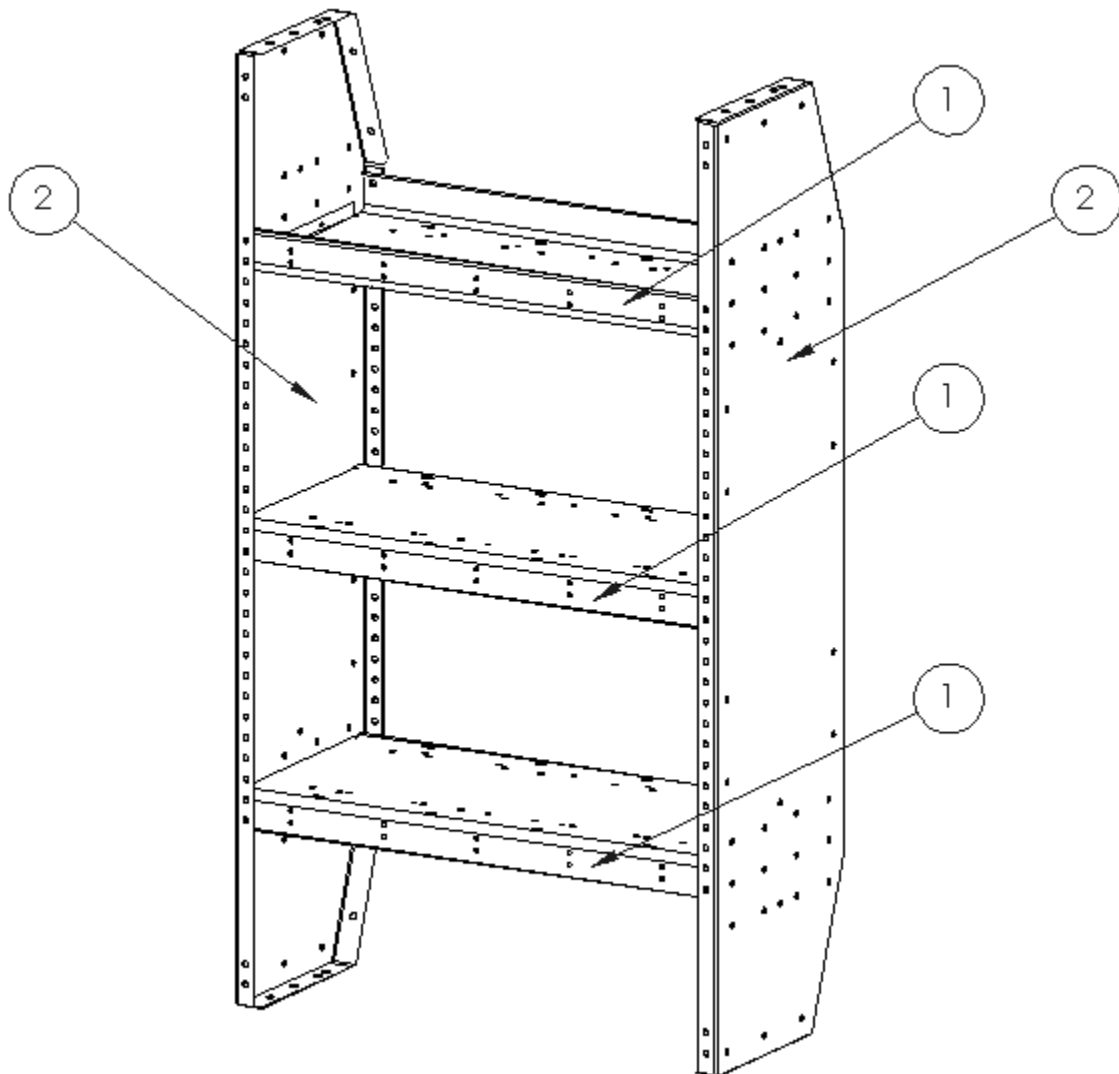
AD1232TC14

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	44369-G	12x32 PAINTED SHELF ASS'Y	3
2	35318-G	BACK PANEL 32",PAINTED	2
3	EP1244TC14	12X44 END PANEL, TC, 2014	2



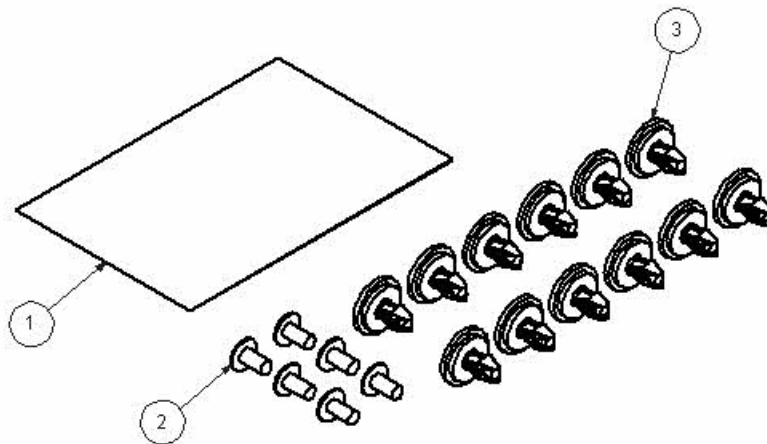
54702

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	44367-G	12x26 PAINTED SHELF ASS'Y	3
2	EP1246NV2	12X46 END PANEL, NV200	2



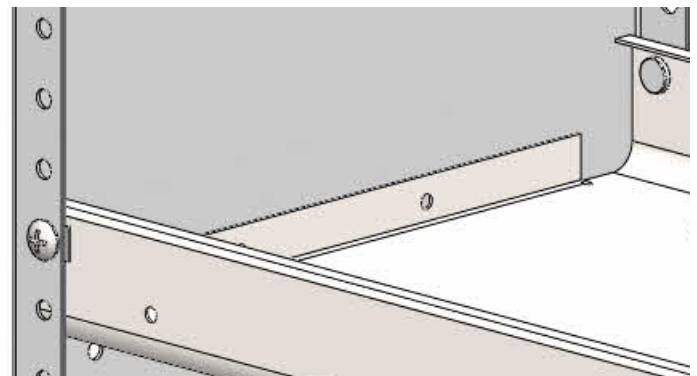
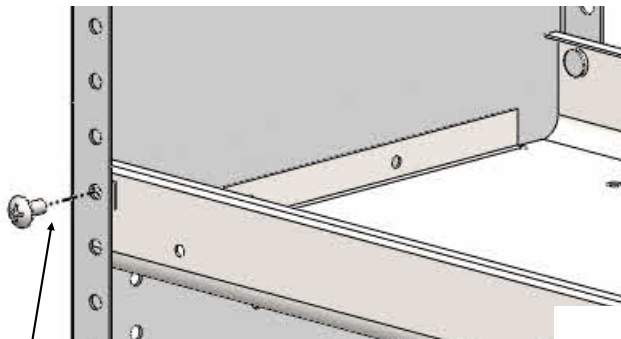
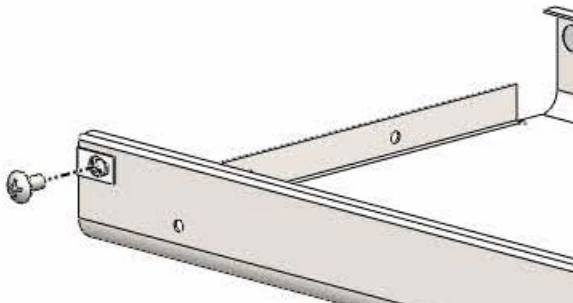
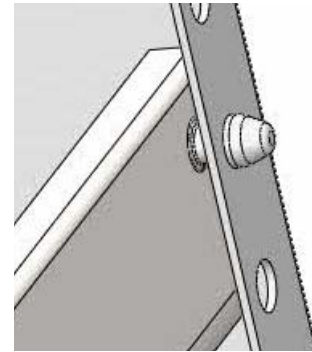
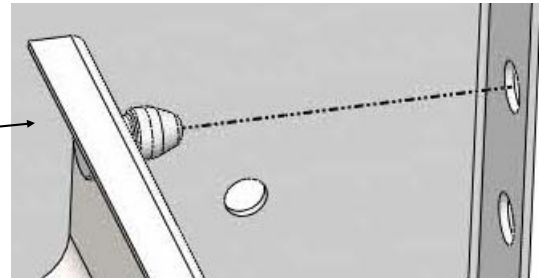
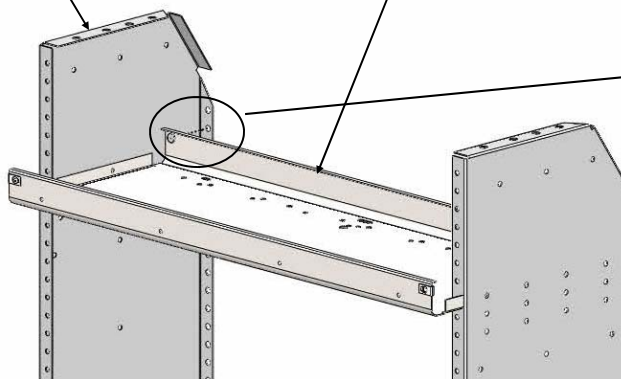
BAGADXXFP FASTENER BAG

ITEM NO.	PART NUMBER	DESCRIPTION	BAGADXXFP/QTY.
1	BAG0406-A	4" X 6" 3MIL AUTOBAG	1
2	FAS0061	Screw, Truss Hd. Ph, 1/4-20x0.50	6
3	FAS0712	RIVET AND WASHER ASSEMBLY	12

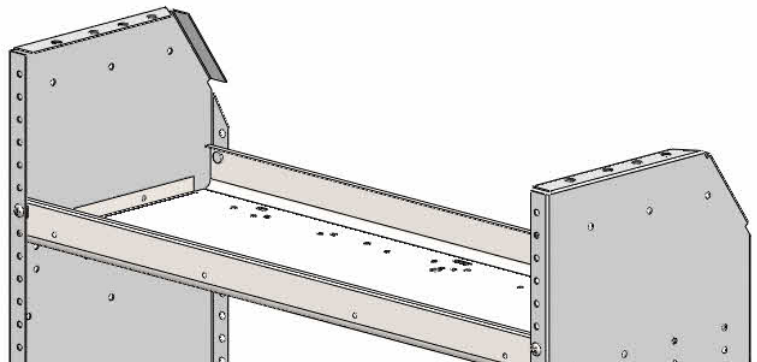


STEP 1 FOR AD1226TC14 ASSEMBLE 44367-G 12X26 SHELF
TO EP1244TC14 END PANELS
FOR AD1232TC14 ASSEMBLE 44369-G 12X32 SHELF
TO EP1244TC14 END PANELS
TOP SHELF SHOWN LIP UP

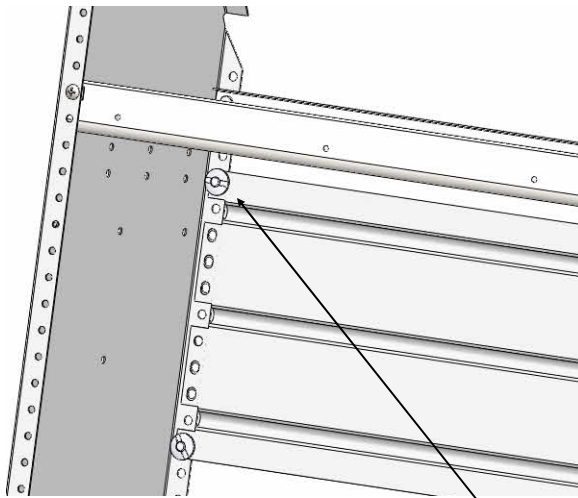
EP1244TC14
44367-G FOR 26" UNIT
44369-G FOR 32" UNIT



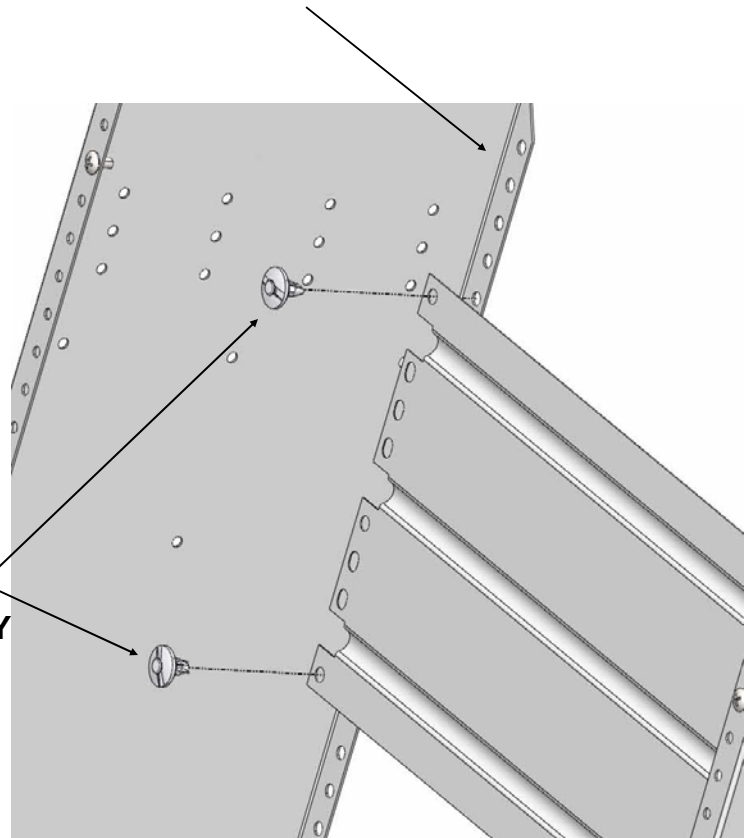
SECURE USING A FAS0061,
1/4-20 SCREW INTO BOTH END PANELS



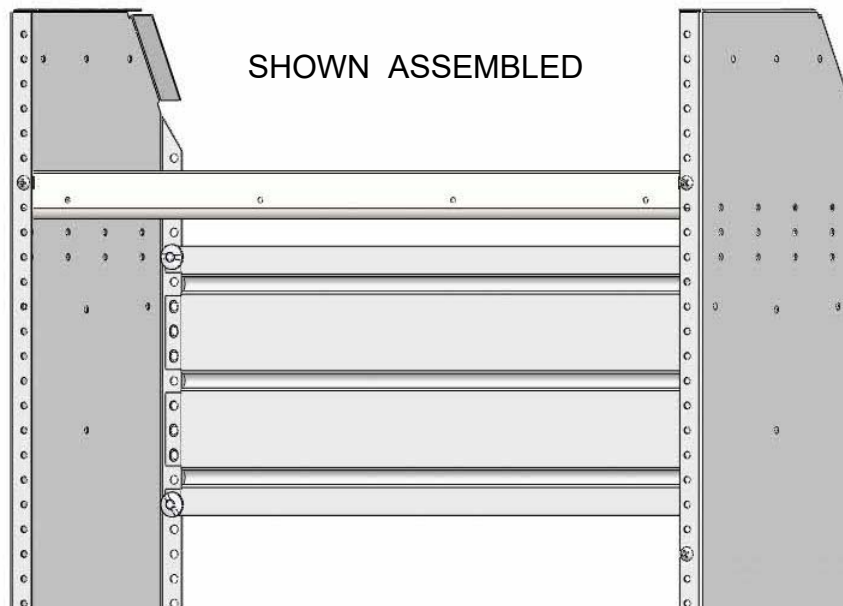
STEP 2 ASSEMBLE 38755-G 26" BACK PANEL FOR AD1226TC14 OR 35318-G 32" BACK PANEL FOR AD1232TC14 TO EP1244TC14 END PANELS



SHOWN WITHOUT SHELF FOR CLARITY



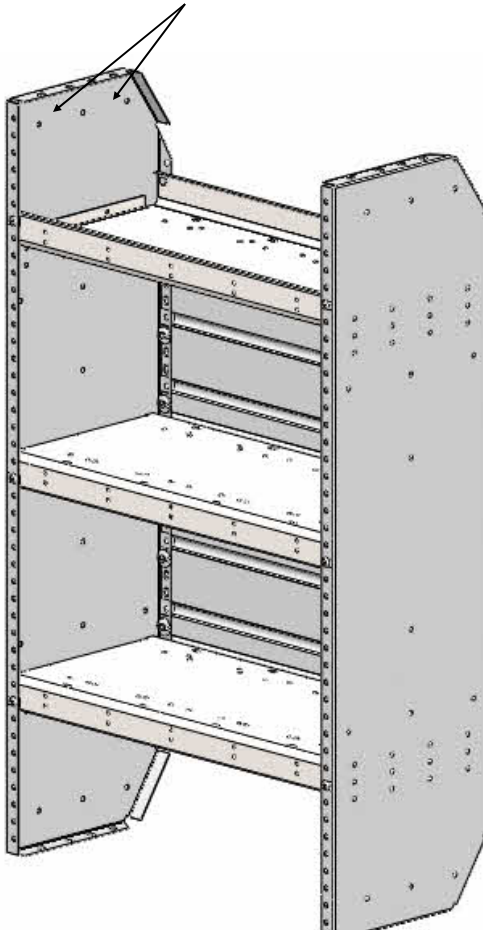
**38755-G 26" BACK PANEL
OR 35318-G 32" BACK PANEL TO
EP1244TC14 AS SHOWN USING
(2) FAS0712 RIVET WASHER ASSEMBLY
PUSH INTO HOLE TO SECURE**



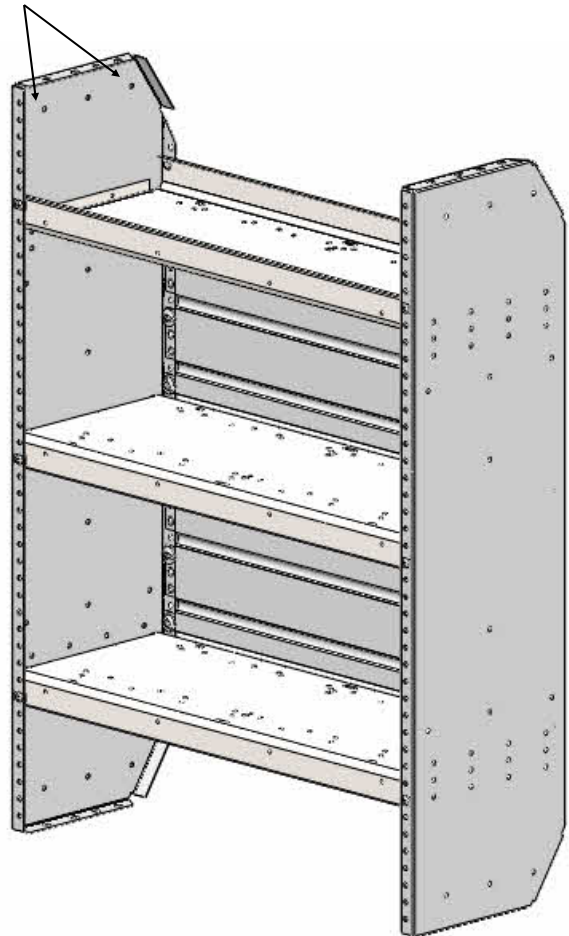
SHOWN ASSEMBLED

**STEP 3 ASSEMBLE OTHER TWO SHELVES AND REMAINING BACK PANEL
EACH UNIT HAS 3 SHELVES AND 2 BACK PANELS. SHELVES AND BACK
PANELS ARE ADJUSTABLE TO SUIT CUSTOMERS NEEDS.**

IF USING (2) AD1226TC14'S OR (2) AD1232TC14'S
FASTEN TOGETHER AT TOP WITH (2) FAS0018 1/4-20 SCREWS
AND ((2) FAS0055 1/4-20 LOCK NUTS IN HOLES SHOWN



AD1226TC14



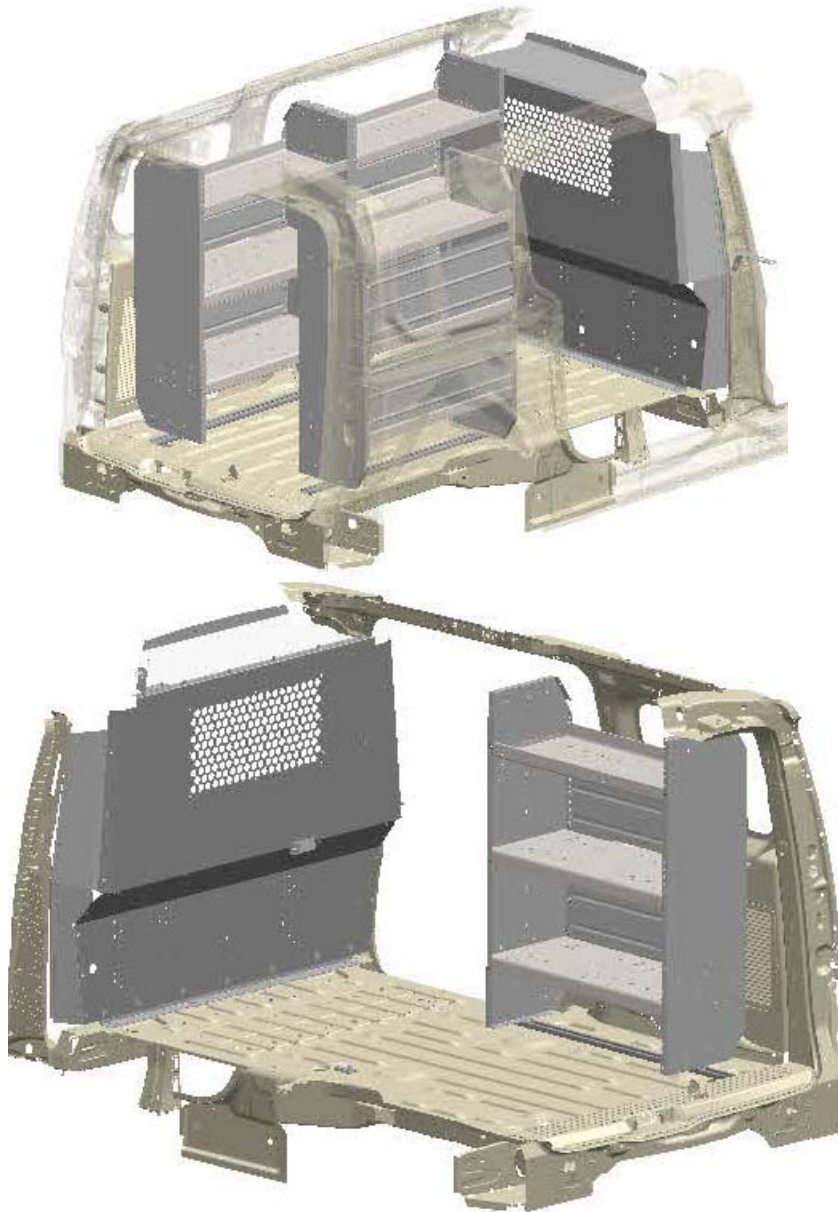
AD1232TC14

**DOUBLE CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**



YOUR INSTALLATION IS NOW COMPLETE

For Installation into Transit Connect .
See 46482 Rail Kit Instructions



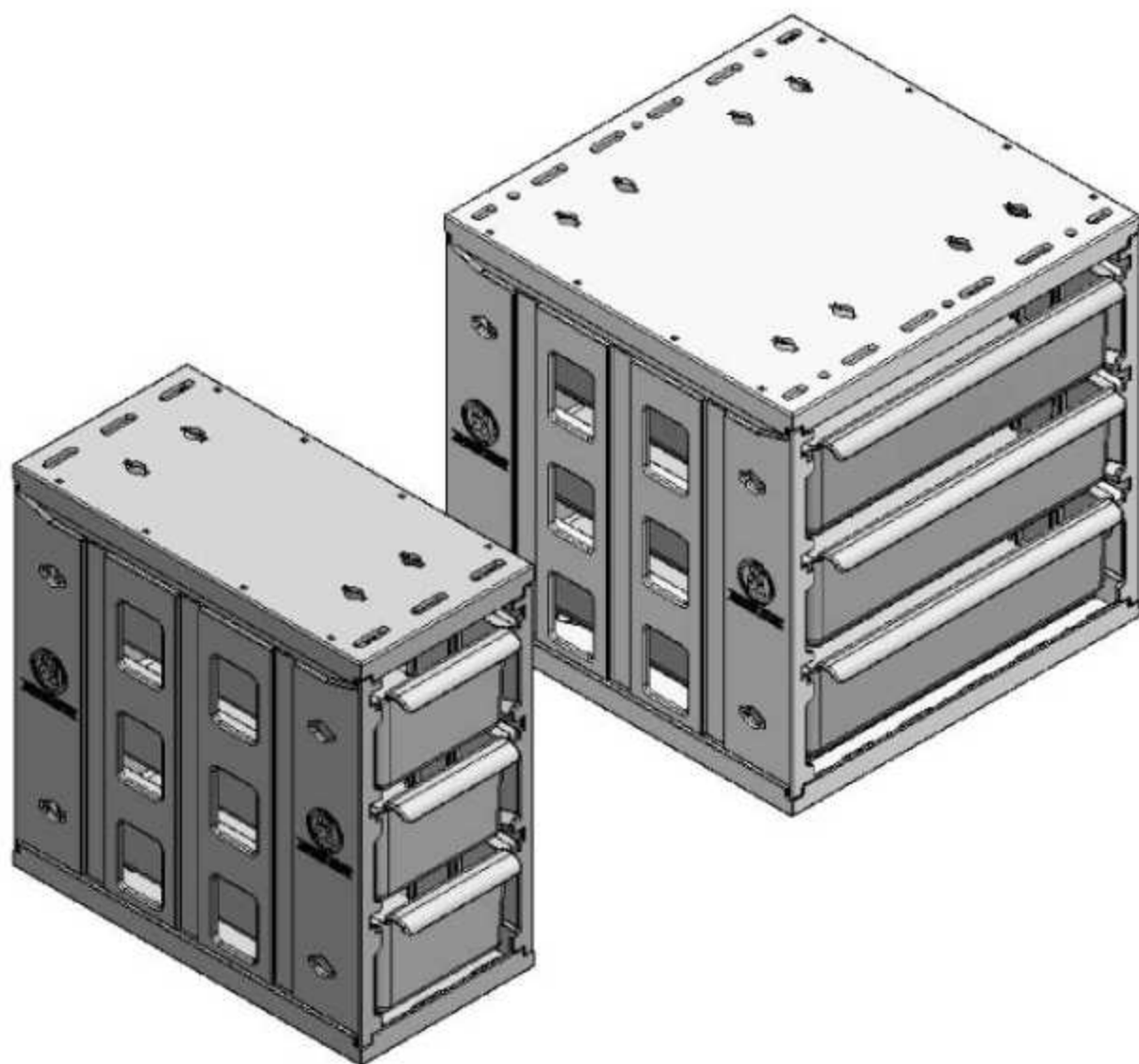
**DOUBLE CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL
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YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

Assembly/Installation Instructions and Owners Manual



DC6 DC12 DS06212V DS06312H DS36012H DS46012
DRAWER COMPONENTS AND DRAWER SYSTEMS

- 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
STOPRATCHET, SOCKETS
AND/OR WRENCHES

SCREWDRIVERS



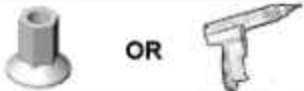
MEASURING TAPE

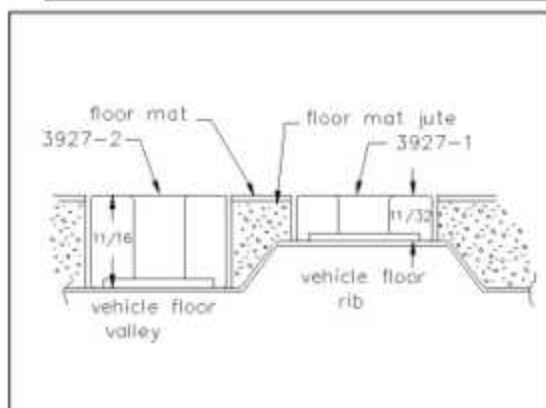
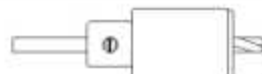
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

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.

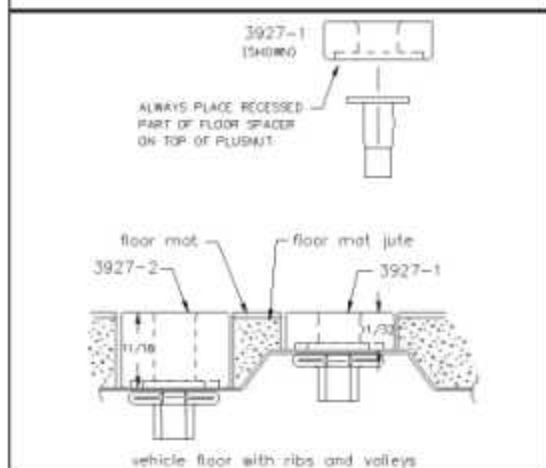


Step 01 Optional

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

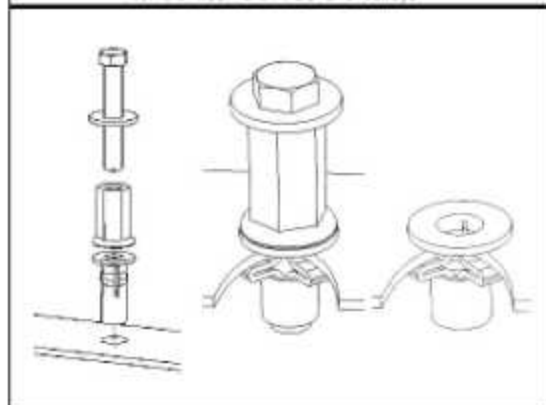


Step 02 Prepare Mounting Locations

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
FAS0087 WASHER, FLAT, 1/4"ID
22200-0 PLUSNUT TOOL
5/16-18UNC Plusnut (FAS0091)
FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
FAS0088 WASHER, FLAT, 5/16"ID
22200-0 PLUSNUT TOOL

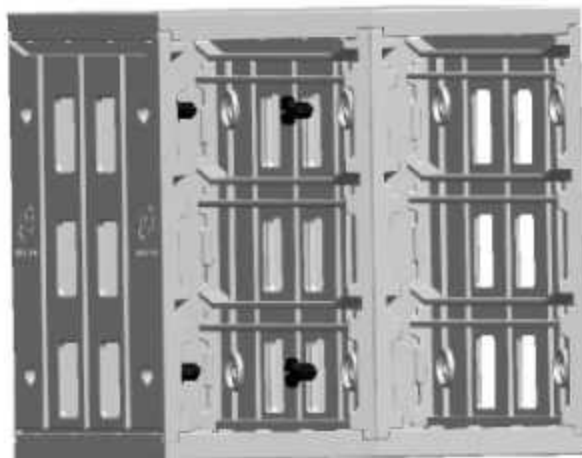
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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	DC6, 6" WIDE NUMBER WILL VARY PER DRAWER SYSTEM	DC12, 12" WIDE NUMBER WILL VARY PER DRAWER SYSTEM	31154-0, CAM SREW DC (4) REQUIRED PER 2 DC UNITS	
				

Instructions for Step **04** DRAWER SYSTEM ASSEM



Remove drawers from units

Insert (4) 31154-0

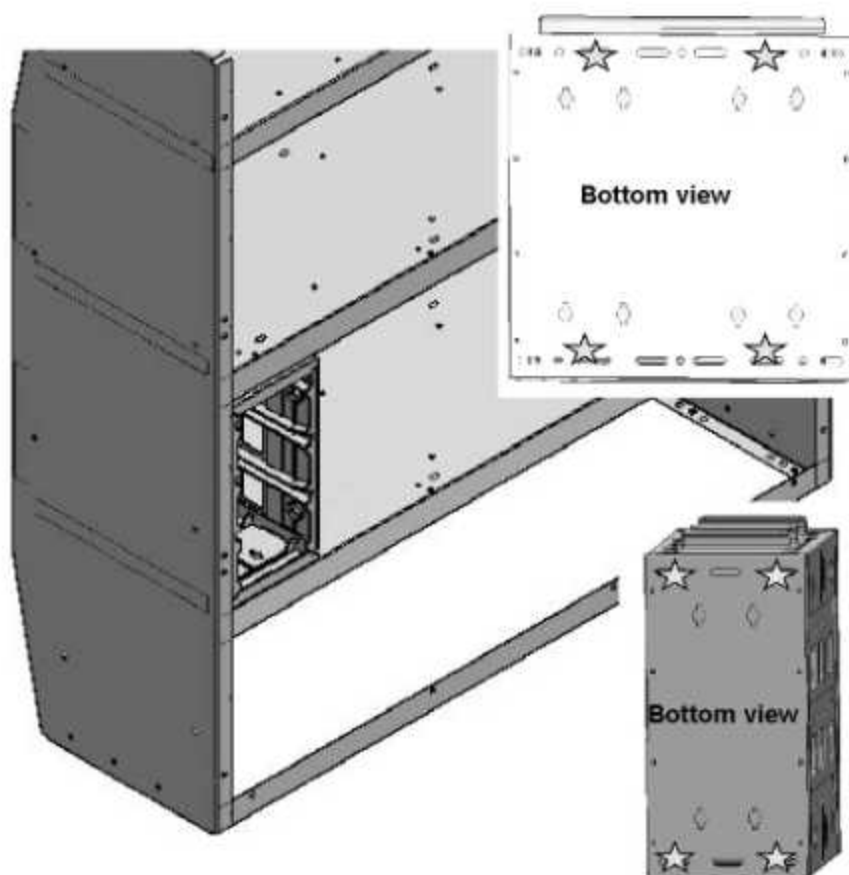
To lock cam screws into place use large bladed standard (flat) screw driver to turn cam screws 1/4 turn so they lock in to place.

Repeat until all units are assembled together.

Do not replace drawers at this time

PARTS YOU WILL USE FOR STEP 05	FAS0063, SCREW, HEX 1/4-20 X .75 (4) REQUIRED	FAS0067, WASHER, FLAT 1/4 (8) REQUIRED	FAS0058, NUT, NYLOCK 1/4-20 (4) REQUIRED	
				

Instructions for Step 05 INSTALLING (1) UNIT



Place the unit on the shelf in desired position

Check to see if unit holes line up with holes in shelf.

If no holes line up mark (4) places using starred holes shown to left.

Remove unit from shelf

Drill marked locations with 5/16" drill.

Clean up debris

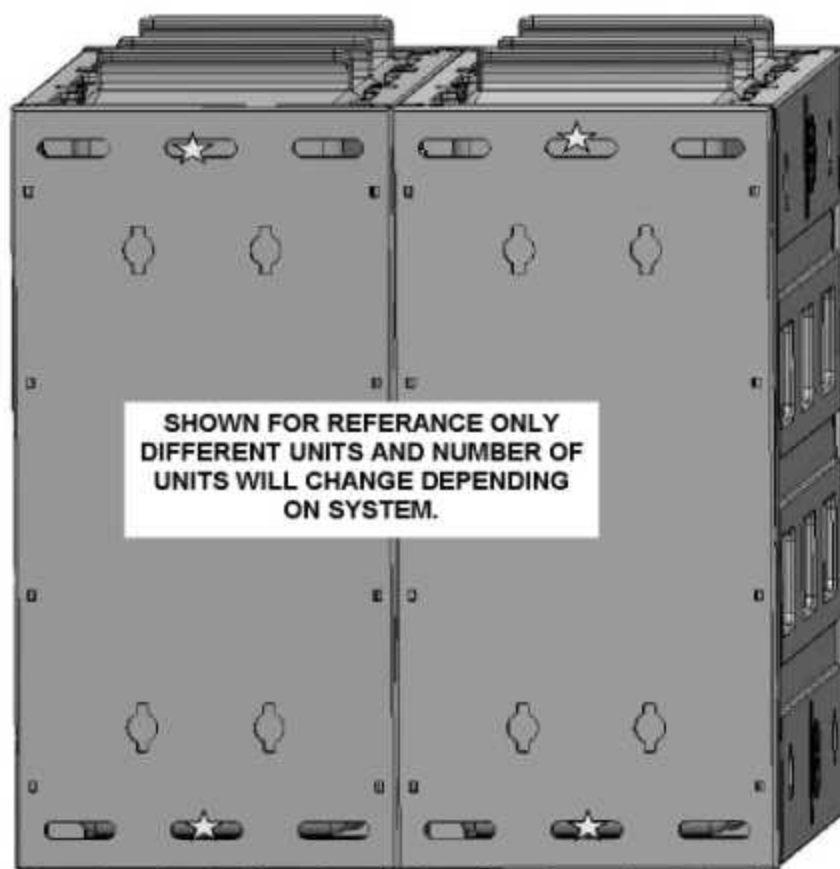
Reposition unit on shelf

Install fasteners. Making sure to place (1) flat washer between head of screw and dc unit, and one between nut and bottom of shelf.

Reinstall drawers into unit

PARTS YOU WILL USE FOR STEP 06	FAS0063, SCREW, HEX 1/4-20 X .75 QTY. WILL VARY	FAS0067, WASHER, FLAT 1/4 QTY. WILL VARY	FAS0058, NUT, NYLOCK 1/4-20 QTY. WILL VARY	
				

Instructions for Step 06 installing system



Place the drawer system on the shelf in desired position

Check to see if holes line up with holes in shelf.

If no holes line up mark (2) places per unit using starred holes shown to left.

Remove system from shelf

Drill marked locations with 5/16" drill.

Clean up debris

Reposition system on shelf

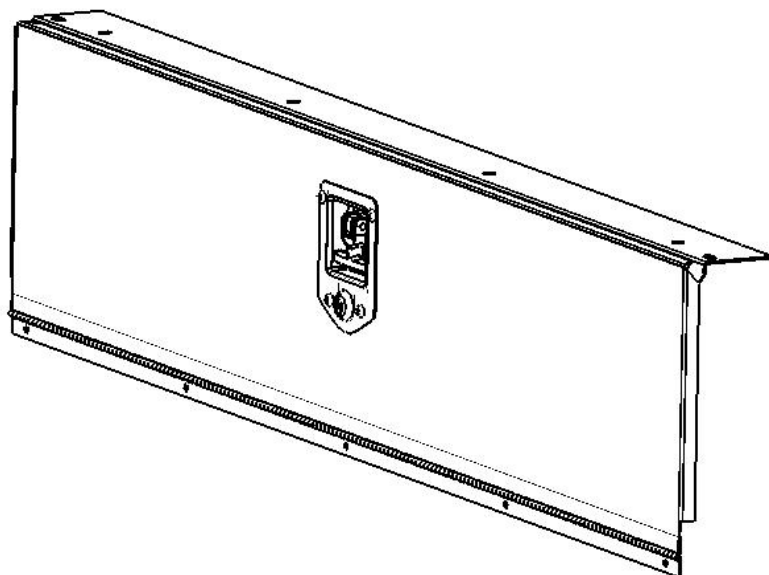
Install fasteners. Making sure to place (1) flat washer between head of screw and dc unit, and one between nut and bottom of shelf.

Reinstall drawers into system

“AD-Series” Shelving Door Kits

Installation Instructions

DK3008, DK3010, DK4808, DK4810



ECN-17787 DATE: 09/02/2015 DWG.BY: DWC REV.BY: ECV CHK.BY: ISSUE: C P.N: 35336-0

BEFORE YOU START!

IMPORTANT INSTALLATION STEPS ARE DENOTED USING A STOP SIGN. THESE STEPS MUST BE PERFORMED AS SPECIFIED IN ORDER TO ENSURE A PROPER INSTALLATION AND MUST BE FOLLOWED IN ORDER TO MAINTAIN YOUR PRODUCT WARRANTY!



CRITICAL INFORMATION PERTAINING TO USER AND/OR VEHICLE SAFETY IS DENOTED USING A CAUTION SIGN. SAFETY ITEMS MUST BE STRICTLY ADHERED TO IN ORDER TO ENSURE A SAFE WORKING ENVIRONMENT!



YOU WILL NEED THE FOLLOWING TOOLS IN ORDER TO COMPLETE THIS JOB.

3/8" OPEN END WRENCH
TORQUE WRENCH with 1/8" SOCKET

#2 PHILLIPS SCREWDRIVER

ALL FASTENERS USED IN THE ASSEMBLY AND INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE SPECIFIED TORQUE AS LISTED WITH EACH FASTENER CALLOUT BOX.



THE USE OF AIR OR ELECTRIC IMPACT TOOLS FOR THE ASSEMBLY OF FASTENERS IS NOT RECOMMENDED AND COULD CAUSE FASTENER FAILURE!



WARNING



THE USE OF DRILLS WITH INTEGRAL DRILL STOPS ALONG WITH PROPER INSPECTION FOR GAS TANK, GAS LINES, BRAKE LINES AND ELECTRICAL LINES PRIOR TO DRILLING ANY MOUNTING HOLES IS STRONGLY RECOMMENDED TO ENSURE THAT VEHICLE DAMAGE IS AVOIDED!

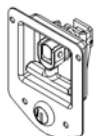


THE USE OF NON-STANDARD FASTENERS AND/OR DEVIATING FROM THE FASTENERS SPECIFIED IN THE INSTRUCTION (S) MAY VOID YOUR PRODUCT WARRANTY!

ALL DRILLED HOLES IN THE VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE!

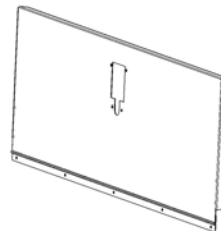
STEP – 01A

T-Handle Latch Installation on Door Panel Weldment Assembly



21000-0

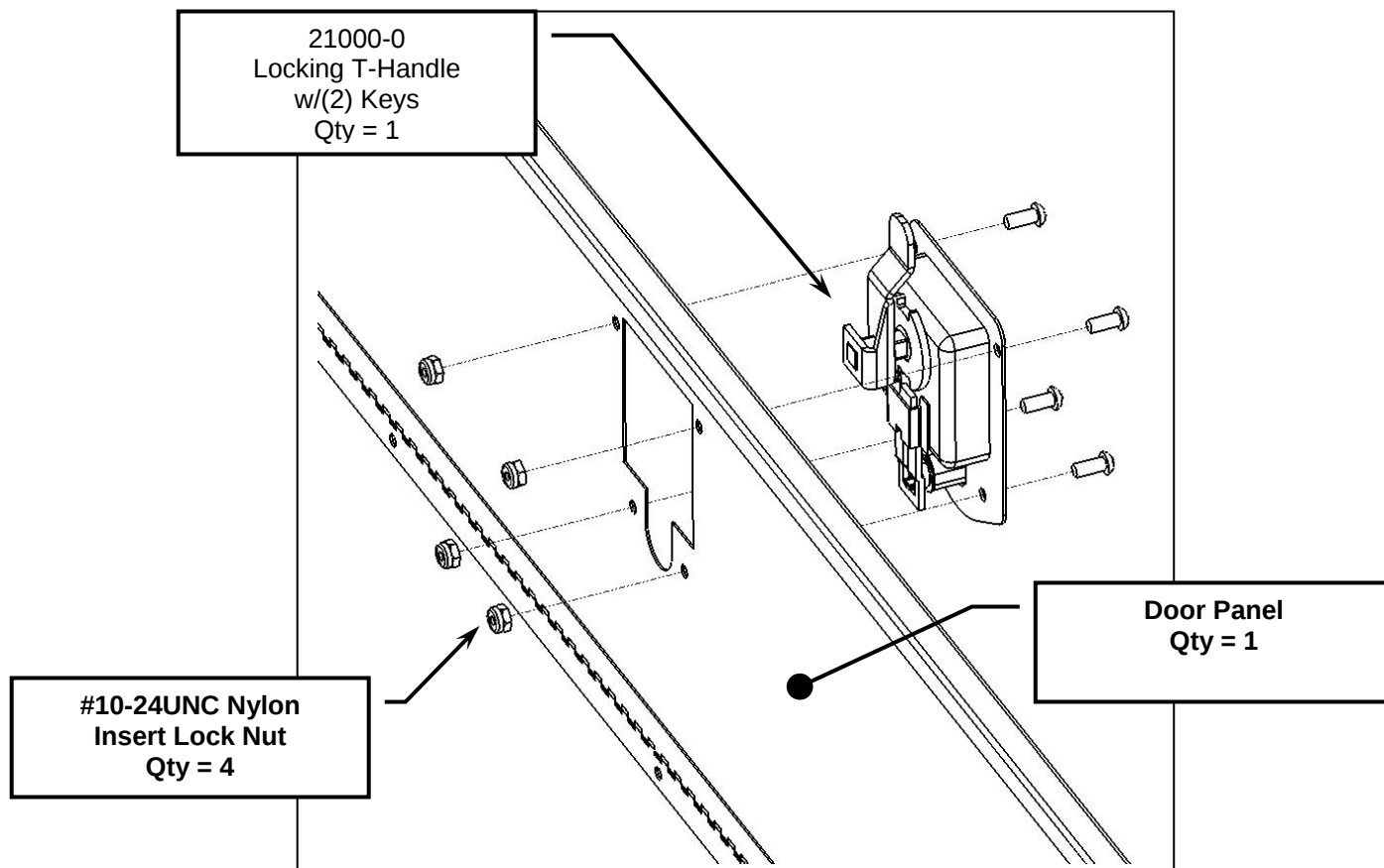
Locking T-Handle w/Key
(2) Locking Keys
(4) #10-24UNC x ½" Rnd Hd Screws
(4) #10-24UNC Nylon Lock Nuts
24 in-lbs +/- 3 in-lbs



Hinged Door Assembly

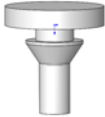
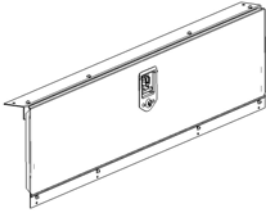
(Height &/or Width Dependent on Door Kit Being Installed)

Remove contents from vendor supplied bag, position T-Handle in door panel as shown below. Secure the latch to the door panel with the supplied screws identified above and in figure below.

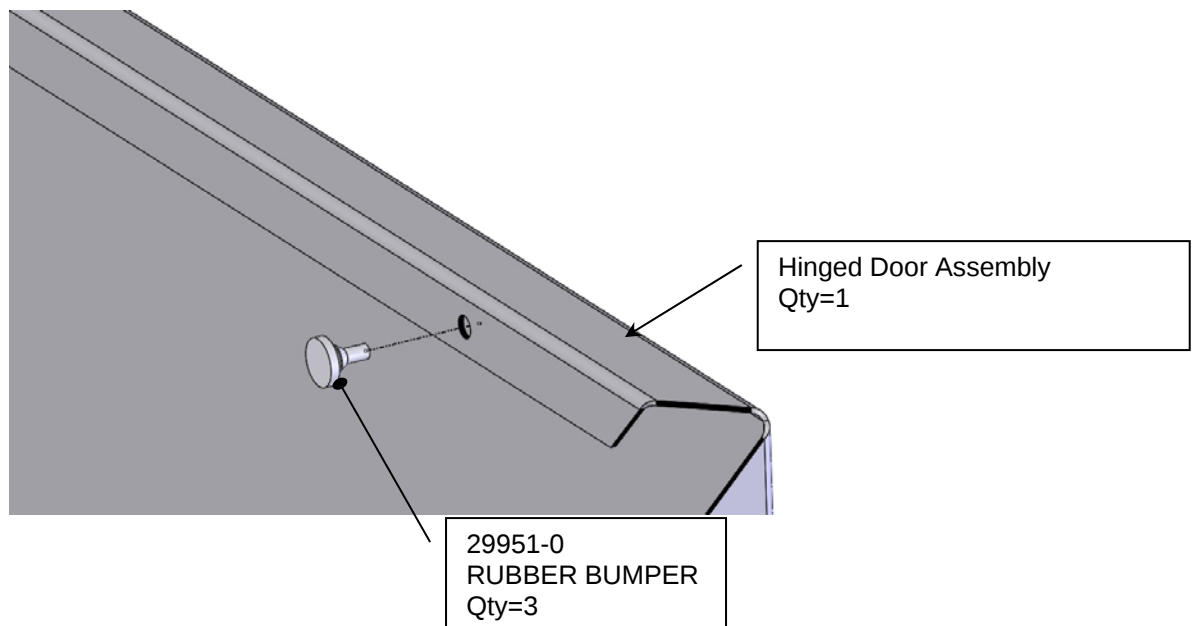


STEP – 01B

Rubber Bumper Installation on Door Panel Assembly

	29951-0 BUMPER,BUTTON-NEOPRENE
	Hinged Door Assembly (w/T-Hndl Installed from Step 01A)

Install 3 Bumpers onto the door assembly, in the holes on the upper lip of the door panel as shown.



STEP – 02

Door Assembly Installation into (AD Series Shelving Units)

Please note that these particular door kits DK3008, DK3010, DK4808, DK4810, can be installed on the AD-Series shelving units only DK30XX Fits AD32FP SHELIVING WHILE DK48XX Fits AD50FP. The illustration below shows an installed DK3008, DK4808 & DK3010, DK4810, please note the shelf position and orientation for a proper install.

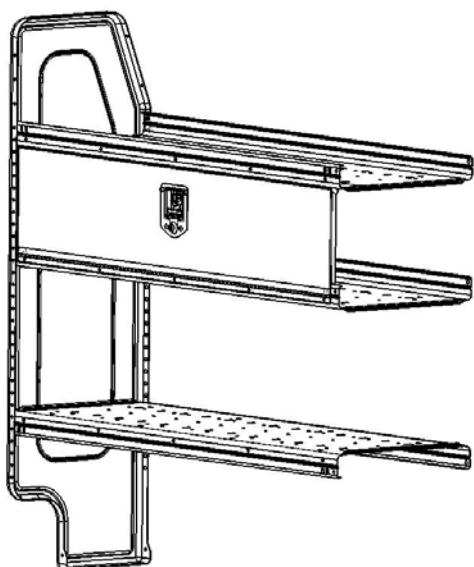


Figure 2a
DK3008, Dk4808 shown in upper position with the lower shelf orientated to fit misc. modular components.
(9/19/919/DC6/DC12)

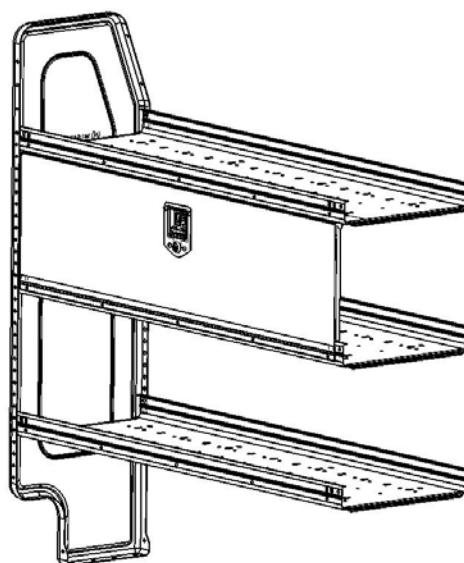


Figure 2b
DK3010, DK4810 shown in upper position with the lower shelf orientated to fit a second DK3010, DK4810 Door Kit.

Note:

Both views shows the bottom shelf in the lowest position on the end panels and still have clearance between bottom of shelf and the vehicle wheelhouse when the AD series shelving is installed in a full size van.

STEP – 02
Door Assembly Installation into (AD Series Shelving Units) continued

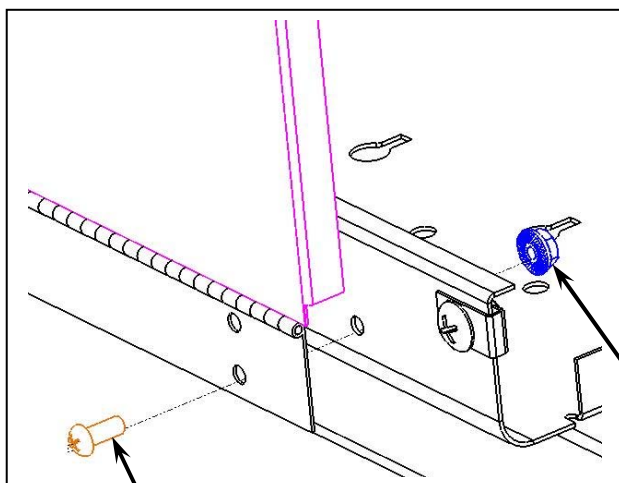
FAS0020

Nut, Hex Flange,
#10-24UNC
Qty = 4
24 in-lbs +/- 3 in-lbs

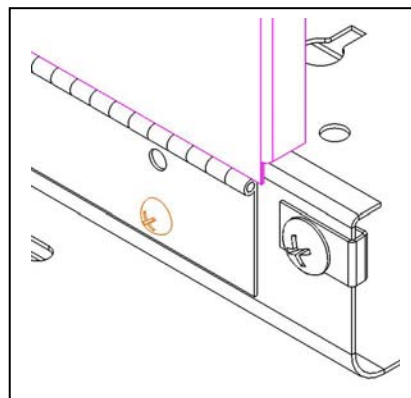

FAS0021

Screw, RHP,
#10-24UNC x 1/2"
Qty = 4
24 in-lbs +/- 3 in-lbs

Position door hinge and align the hinge mounting holes with the holes pre-punched in the shelf flange. Secure the door weldment assembly hinge to the shelf flange with the fasteners listed. Prior to final tightening, center the door panel between the vertical end panel flanges and adjust vertically to get an even gap along the top of the door panel and the bottom of the shelf.



FAS0021
Screw, RHP, #10-24UNC x 1/2"
Qty = 4



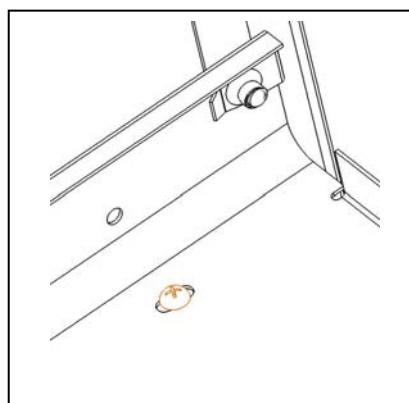
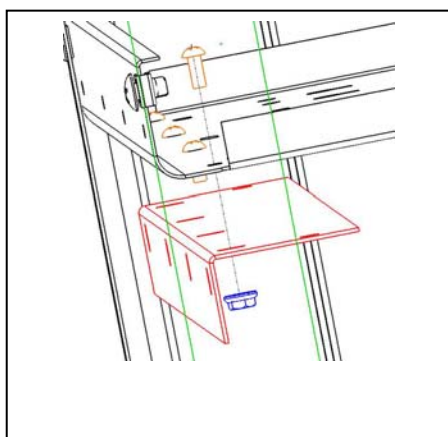
FAS0020
Nut, Hex Flange,
#10-24UNC
Qty = 4

Center Door and Torque Fasteners as Required.

STEP – 03
Door Stop to Shelf Installation

 FAS0020 Nut, Hex Flange, #10-24UNC Qty = 4 24 in-lbs +/- 3 in-lbs	 FAS0021 Screw, RHP, #10-24UNC x 1/2" Qty = 4 24 in-lbs +/- 3 in-lbs	 16581-0 Door Stop, 31" Dk3008, Dk3010 33579-0 Door Stop 49" Dk4808, Dk4810 Qty = 1 per kit
---	---	---

Position the door stop on the underside of the upper shelf with the flange facing as shown in far left detail view. Align the slots in the door stop with the slots in the shelf as identified in the right hand view. Secure stop rail in place with fasteners identified above, tighten to hand tight only at this time. The stop rail will need minor adjustment such that the exterior surface of the door panel is flush with the shelf vertical end panel as shown in the bottom view .

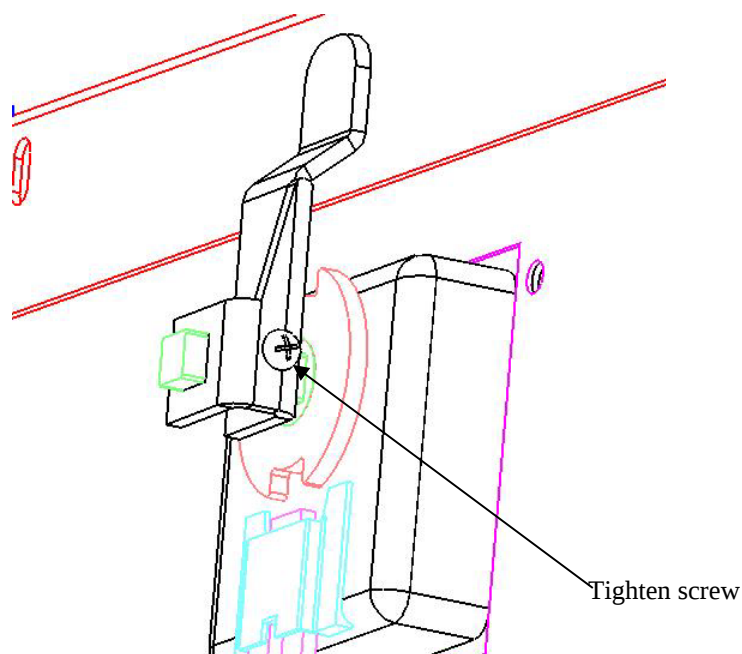


Center Door Stop and Torque Fasteners as Required.

STEP – 04

T-Handle Latch Pawl Adjustment

Loosen screw securing pawl to shaft and reposition until it contacts the inside surface of the door stop and securely holds the door panel against the door stop. Tighten screw.

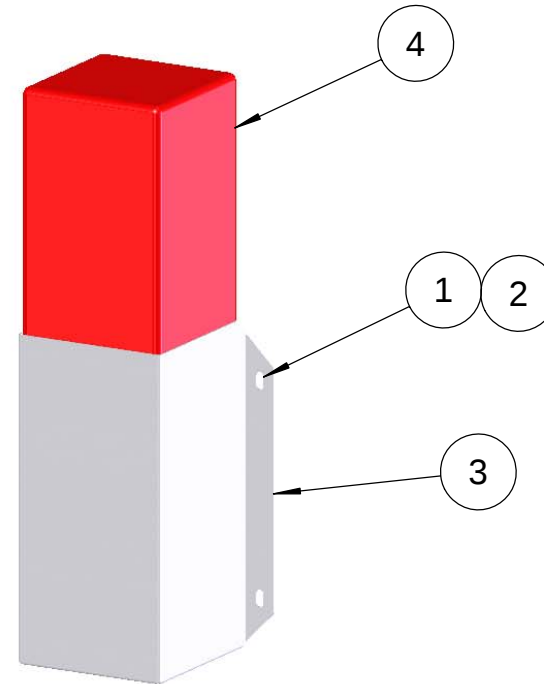
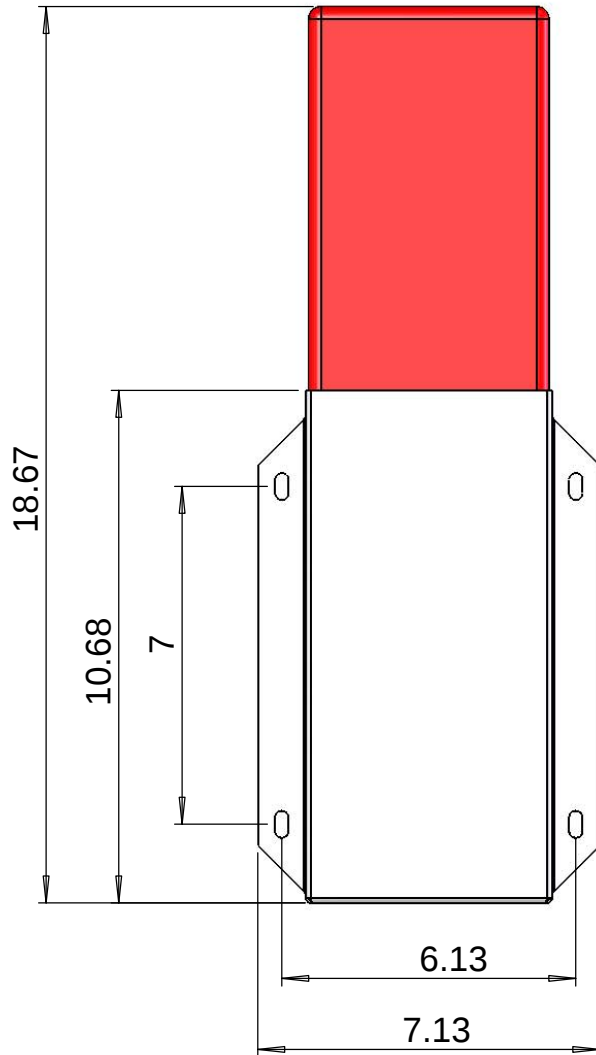


**DOUBLE-CHECK ALL FASTENER LOCATIONS TO BE
SURE THAT ALL FASTENERS ARE TIGHTENED TO
SPECIFICATIONS!**



**YOUR INSTALLATION IS NOW COMPLETE! STOW THIS COPY IN
THE VEHICLE FOR FUTURE REFERENCE!**

ITEM	PART #	DESCRIPTION	QTY
1	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	4
2	FAS0061	SCREW,THP 1/4-20X.5 G5 ZP	4
3	14374-0	POCKET FOR 5" FLARE KIT	1
4	14392-0	REFLECTOR KIT 5"W/O POCKT	1



CAUTION: DRILL THRU FLOOR WITH CARE! WATCH FOR GAS TANK, CONTROL LINES, & ELECTRICAL WIRING.



906 James Street
Adrian, Michigan 49221
517.265.6194
WWW.ADRIANSTEEL.COM

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THE MATERIAL/CONCEPTS/DESIGNS CONTAINED WITHIN THIS DOCUMENT ARE FOR THE PURPOSE OF SUPPLYING PRODUCT TO POTENTIAL ADRIAN STEEL COMPANY CUSTOMERS.

Drawn By:	BDS	DESCRIPTION REFLECTOR KIT			
Date:	03/09/2015				
ECN No:	6071				
PART No:	PA7	Part Weight:	CG Horizontal & Vertical:	Sheet:	Rev.:
		14.79	HCG=3.50 VCG=9.3	1 of 1	A

PURCHASED COMPONENT KEY FEATURES

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

N/A

LOAD/RATING REQUIREMENT

N/A

MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

OTHER REQUIREMENTS

Includes vehicle mounting bracket



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DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

TOLERANCES & INSPECTION

UNLESS OTHERWISE SPECIFIED

ALL BEND ANGLES ARE 90 DEGREES

ALL DIMENSIONS ARE IN INCHES.

REFERENCE DIMENSIONS (X.XXX)
DO NOT REQUIRE INSPECTION

FEATURES	HOLES/SLOTS	ANGLES
0.0 = ± .125	0.0 = ± .062	0° = ± 2°
0.00 = ± .062	0.00 = ± .031	0.0° = ± 1°
0.000 = ± .031	0.000 = ± .015	

Material Thickness: per ASTM Std.
Weld Callouts per AWS

RELEASE & REVISIONS

INITIAL ECN: 7165

CURRENT ECN: 23033

ECN DESCRIPTION:

UPDATE MANUFACTURER AND
MANUFACTURER PART #

REVISED BY: C.MOHLER

PURCHASED COMPONENT

REFERENCED SUPPLIER AND/OR MANUFACTURER

AMEREX / BADGER

REFERENCED SUPPLIER AND/OR MANUFACTURER PART NUMBER

B417T / 22430

COLOR (ONLY LIST IF COLOR SPECIFIC)

COMODITY ITEM (Y/N) (YES = ALL DIMENSIONS AND NOTES ARE REFERENCE)
(NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.)

YES

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 1

PART / PRODUCT IDENTIFICATION



ADRIAN STEEL

ADRIAN STEEL COMPANY
906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

D

MAT'L USED:

DESIGNED BY: BDS

DESCRIPTION:

FIRE EXTINGUISHER 1A:10BC 2.5LB

WEIGHT
(Lbs.):

6

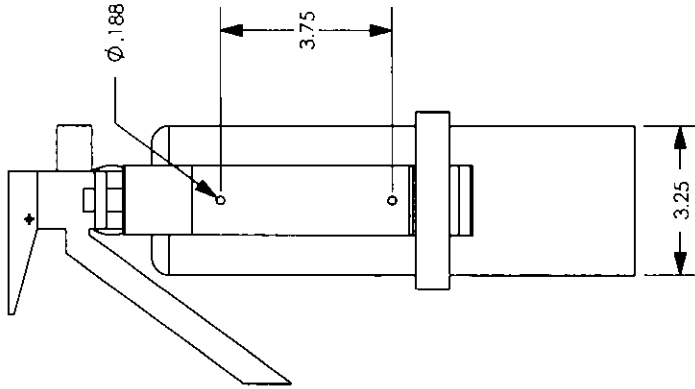
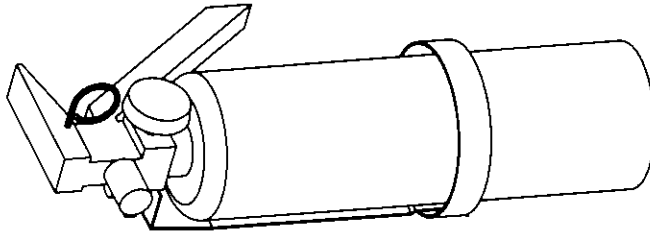
SEGMENT
CODE:

SAF

PART NUMBER: PA8

INSTALLATION FASTENERS
(2) #10-24 X 1/2 RHP SCW
(2) #10-24 HEX FLANGE NUT

THIS IS A DRY CHEMICAL EXTINGUISHER THAT
CAN BE USED ON ORDINARY COMBUSTIBLES,
FLAMMABLE LIQUIDS, AND ELECTRICAL EQUIPMENT.
IT SHOULD INCLUDE A VEHICLE MOUNTING BRACKET.



ADRIAN STEEL

906 JAMES ST.
ADRIAN, MI. 49221
(517) 265-6194

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MANNER DETRIMENTAL TO THE INTERESTS
OF ADRIAN STEEL Co.

RELEASED CHK'D: RLS
EN-6071 6/27/02 BDS

REVISED CHK'D: *gkc*
EN-7165 2/9/04 BDS

Description:
REDRAWN IN SOLIDWORKS

REVISED CHK'D: ???
EN-0000 00/00/00 ???

Description:
TEXT

**STANDARD TOLERANCES
UNLESS OTHERWISE NOTED:**

0.0 = $\pm .125$
0.00 = $\pm .062$
0.000 = $\pm .031$
0" = $\pm 2^{\circ}$
0.0" = $\pm 1^{\circ}$

Material Thickness = per AISI
Notches, Slots, Holes = $\pm .015$

MATERIAL:

Area (Sq Ft.): 0.0000
Weight (lbs.): 5.0000

FINISH:

Coverage (Sq Ft.): 0.0000
Weight (lbs.):

DESIGNED BY **DRAWN BY** **CHECKED BY**
N/A BDS JLC

SCALE: 1:4 **DATE:** 2/5/04

Part Description

FIRE EXTINGUISHER
(2-1/2 LB ABC)

Size A SHEET 1 of 1

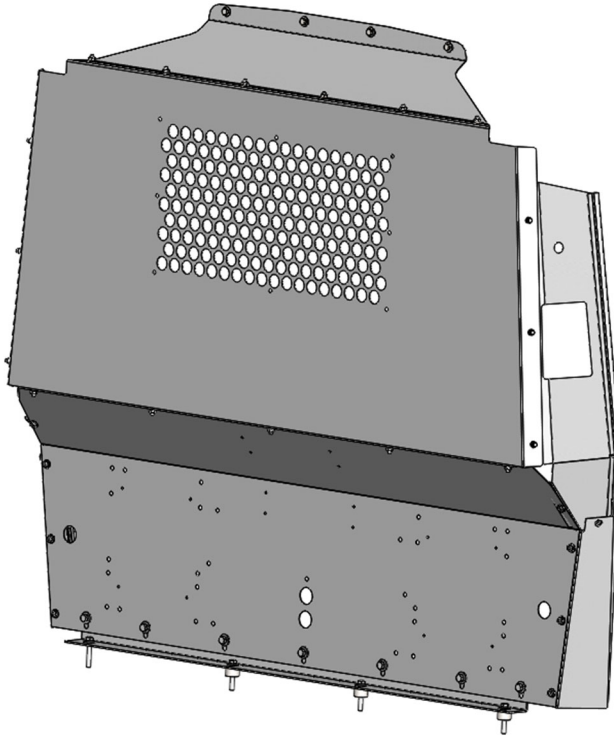
Print Number

A-PA8

Issue

A

STEEL PARTITION, 2014+ FORD TRANSIT CONNECT



PRODUCT WEIGHT
54 LBS

WIDTH x DEPTH x HEIGHT
57.5" x 9.7" x 48"

CAPACITY
N/A

COLOR
GRAY

CATALOG NUMBER
P2TCS14

PRODUCT FEATURES

PAINTED STEEL PARTITION FOR THE 2014+ FORD TRANSIT CONNECT VAN. THE PARTITION PROVIDES A SOLUTION FOR SEPARATING THE CAB AREA FROM THE CARGO AREA.

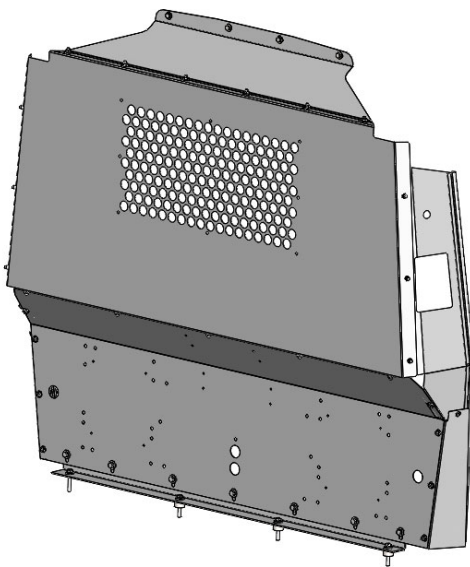
NO ACCESSORIES AVAILABLE

Introduction / Comments:

This Partition is designed to fit in your 2014-Newer Transit Connect vehicle. This instruction covers the P1TCS14 and P2TCS14. Assembly is identical for the solid partition to the perforated. Only difference are the perforations on Upper Panel.

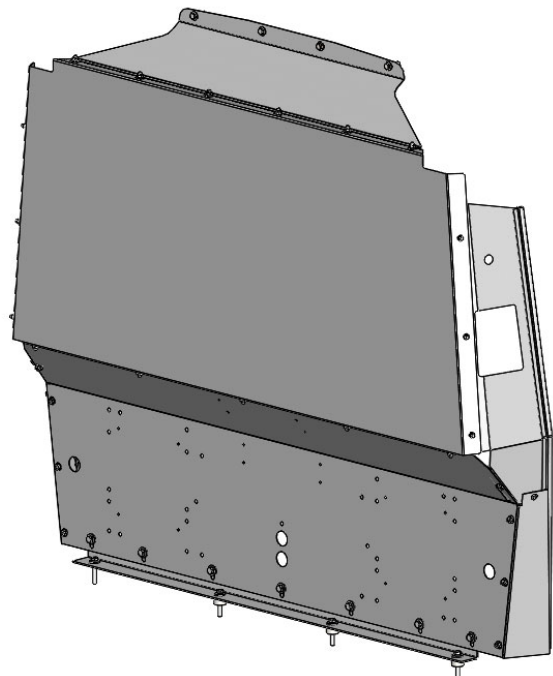
Note:

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Partition gives you long service life.



P2TCS14

P1TCS14



P1TCS14 / P2TCS14 FIXED PARTITION, 2014-NEWER TRANSIT CONNECT

- 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.

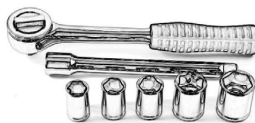
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS



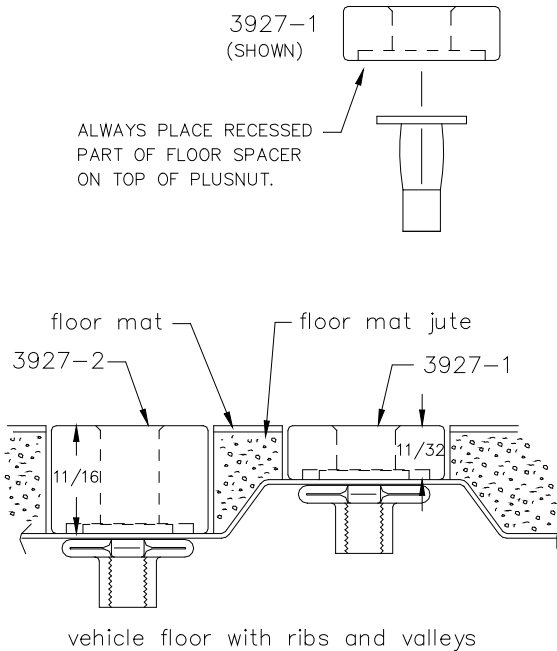
MEASURING TAPE

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.



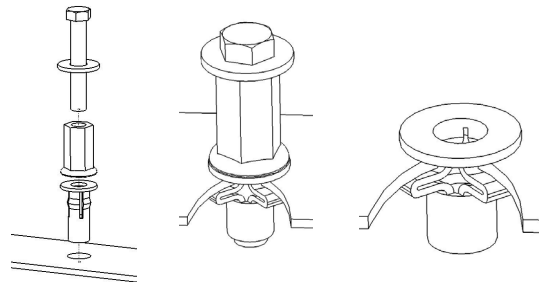
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

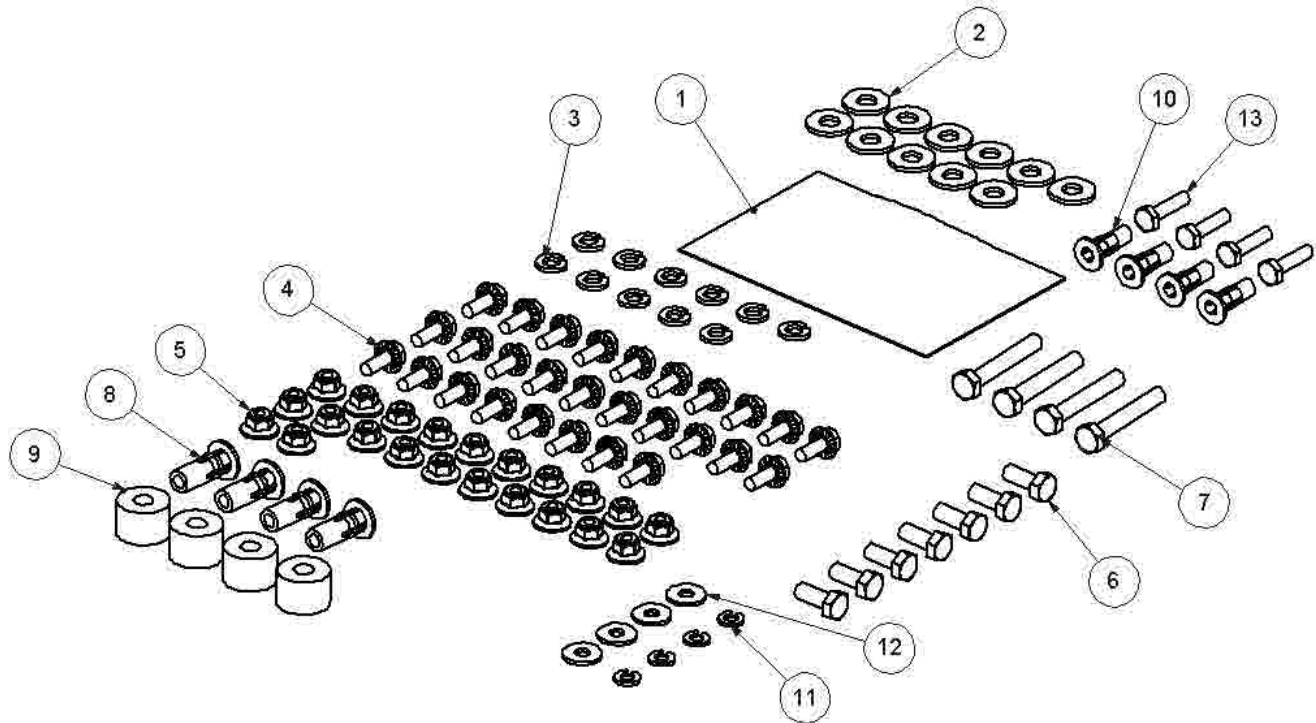


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).

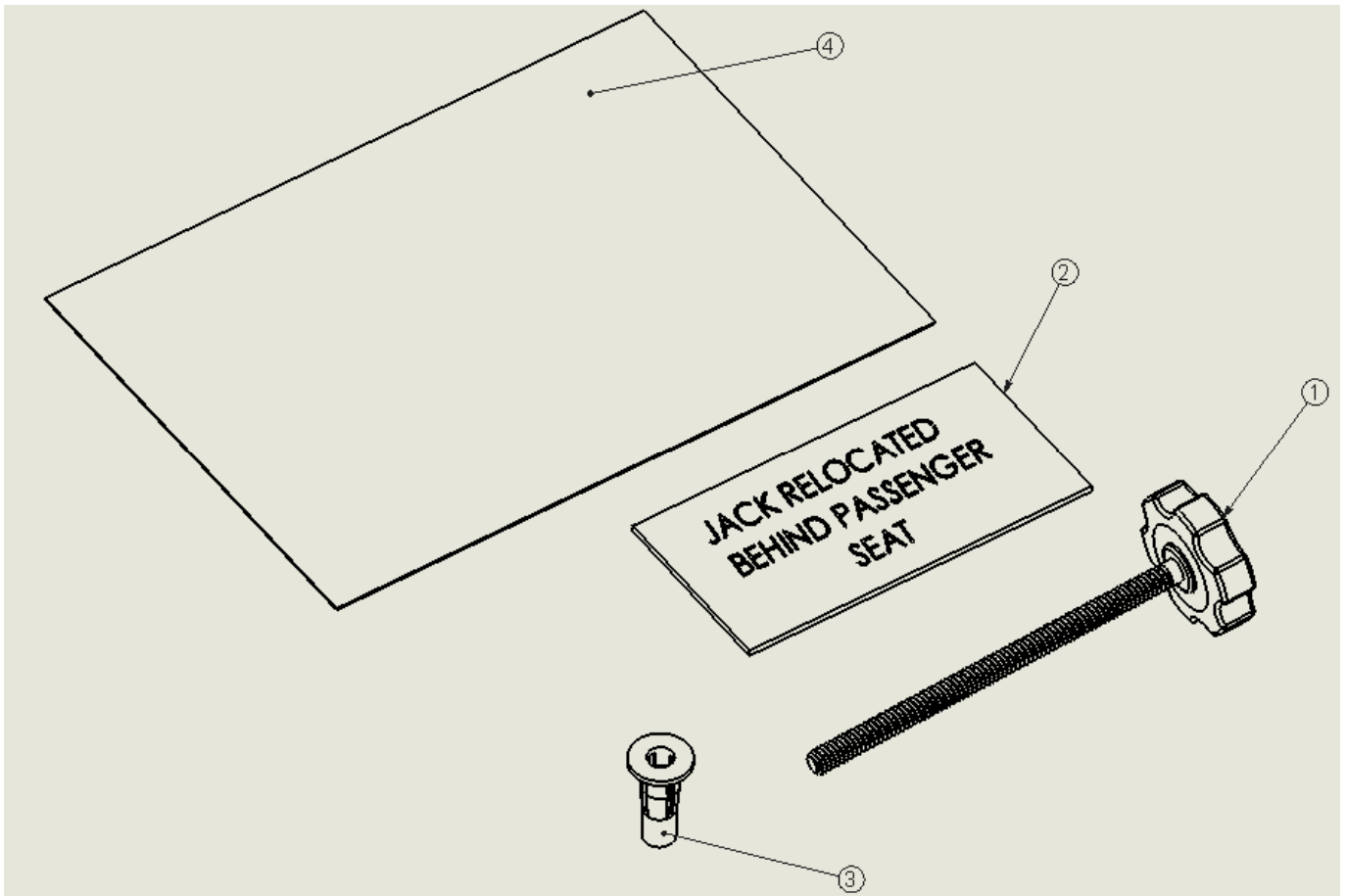
Assembly and Installation Fastener Identification Sheet (BAG44645)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0509-A	5" x 9" 4MIL AUTOBAG	1
2	FAS0086	Washer, Flat, 5/16, ZN	11
3	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	11
4	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	28
5	FAS0055	Nut, Hex Flange,Nylock 1/4-20	22
6	FAS0081	Screw, Hex Hd, 5/16-18x0.75 Zn Plate	7
7	FAS0602	Screw, Hex Hd, 5/16-18x2.00 Zn-Ni (1000 hour) Grade 8	4
8	FAS0091	Plusnut, 5/16	4
9	03927-2	Tall Floor Spacer	4
10	FAS0052	Plusnut, 1/4	4
11	FAS0060	Washer, Lock, Split, 1/4	4
12	FAS0067	Washer, Flat, 1/4	4
13	FAS0078	Screw, Hex Hd, 1/4-20x1.00 Zn Plate, Grade 8	4



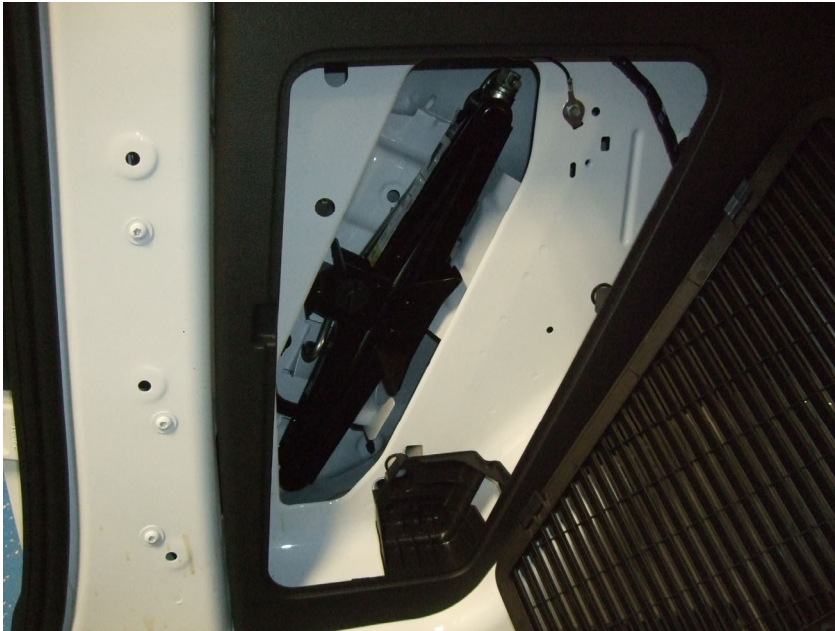
Assembly and Installation Hardware Identification Sheet (HDW44645)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	42889	KNOB, 1/4-20X4.25 FLSTZNC	1
2	47675	JACK RELOCATED LABEL	1
3	FAS0052	Plusnut, 1/4	1
4	BAG0507-A	5" x 7" 3MIL AUTOBAG	1



***** IF THE VEHICLE JACK NEEDS TO BE MOVED FROM FACTORY POSITION
CONTINUE WITH INSTRUCTION, IF ALREADY RELOCATED PROCEED TO STEP 2 *****

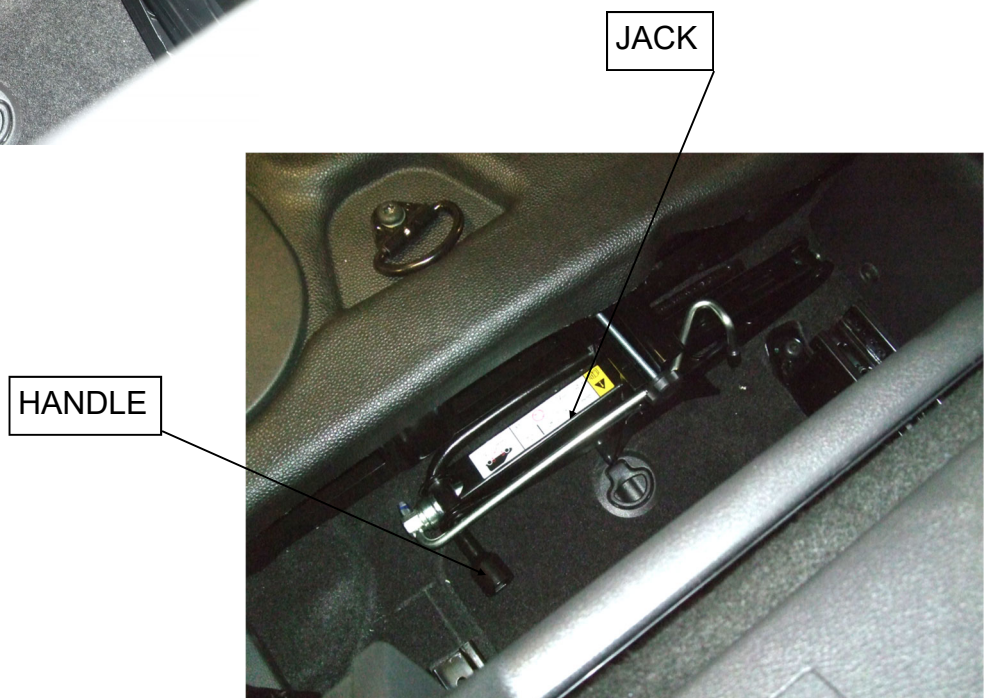
STEP 1A - REMOVE THE JACK FROM ITS CURRENT LOCATION



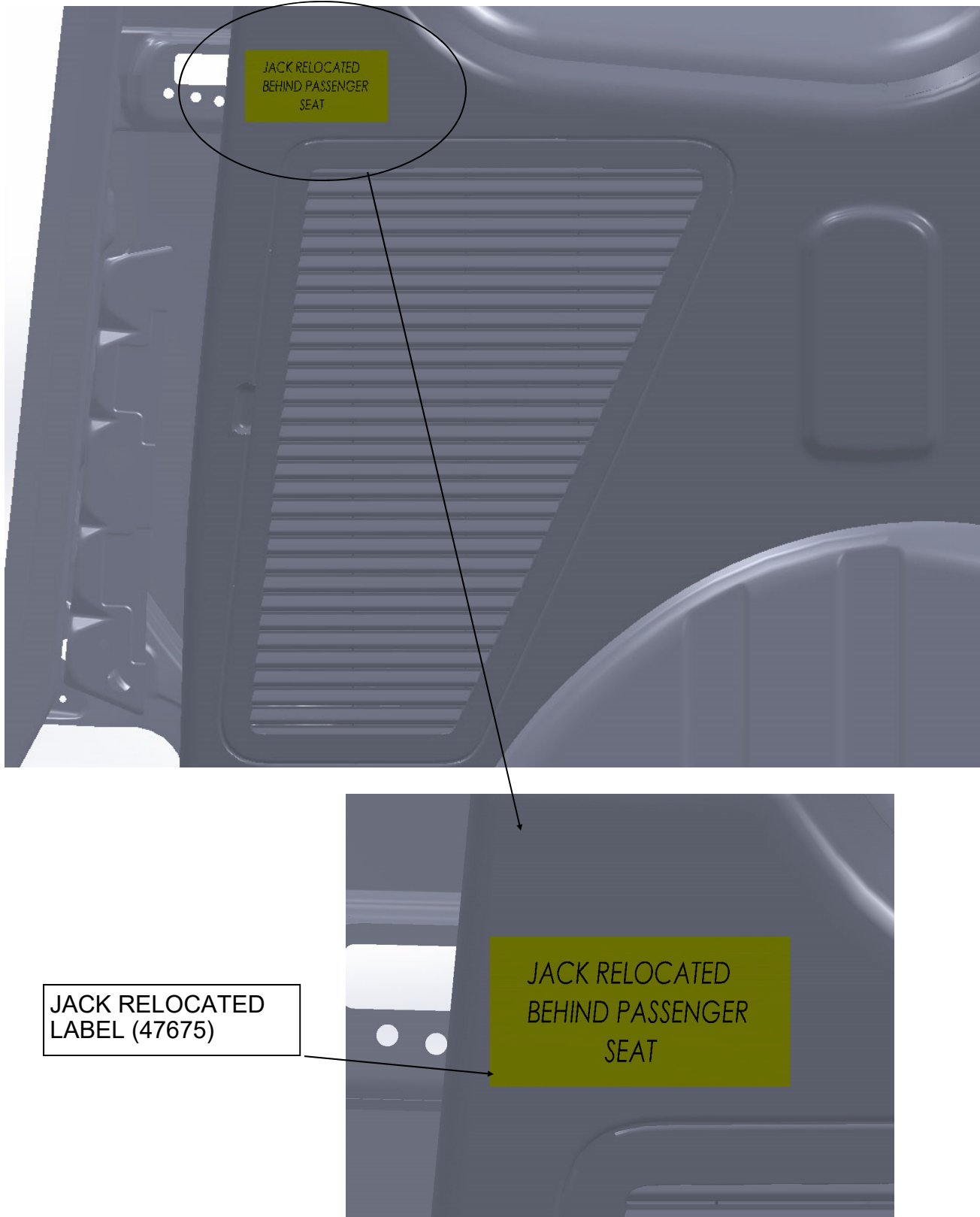
STEP 1B - SET THE JACK BEHIND THE PASSENGER SEAT. WHILE THE JACK IS IN THE NEW POSITION USE THE KNOB (42889) TO MARK THE PLUS NUT HOLE AND DRILL THE HOLE (3/8" DRILL WITH DRILL STOP).



STEP 1C - SET THE 1/4-20 PLUS NUT (FAS0052) IN THE NEWLY DRILLED HOLE. FASTEN DOWN THE JACK WITH THE KNOB (42889). MAKE SURE THAT BOTH PIECES (JACK/HANDLE) ARE TIGHTLY FASTENED TO PREVENT ANY RATTLING.

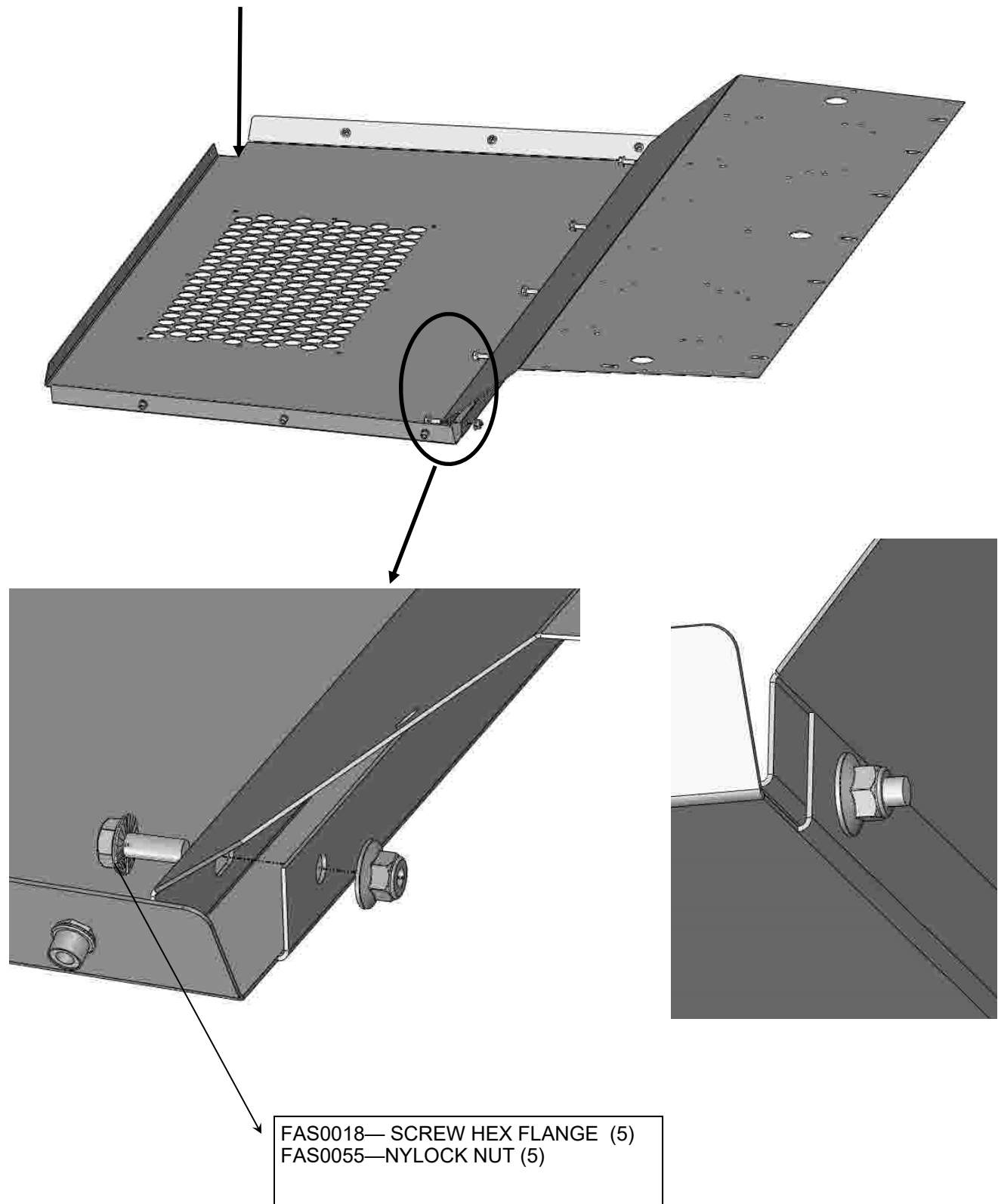


STEP 1D - APPLY JACK RELOCATED LABEL TO WHERE THE JACK USE TO BE LOCATED

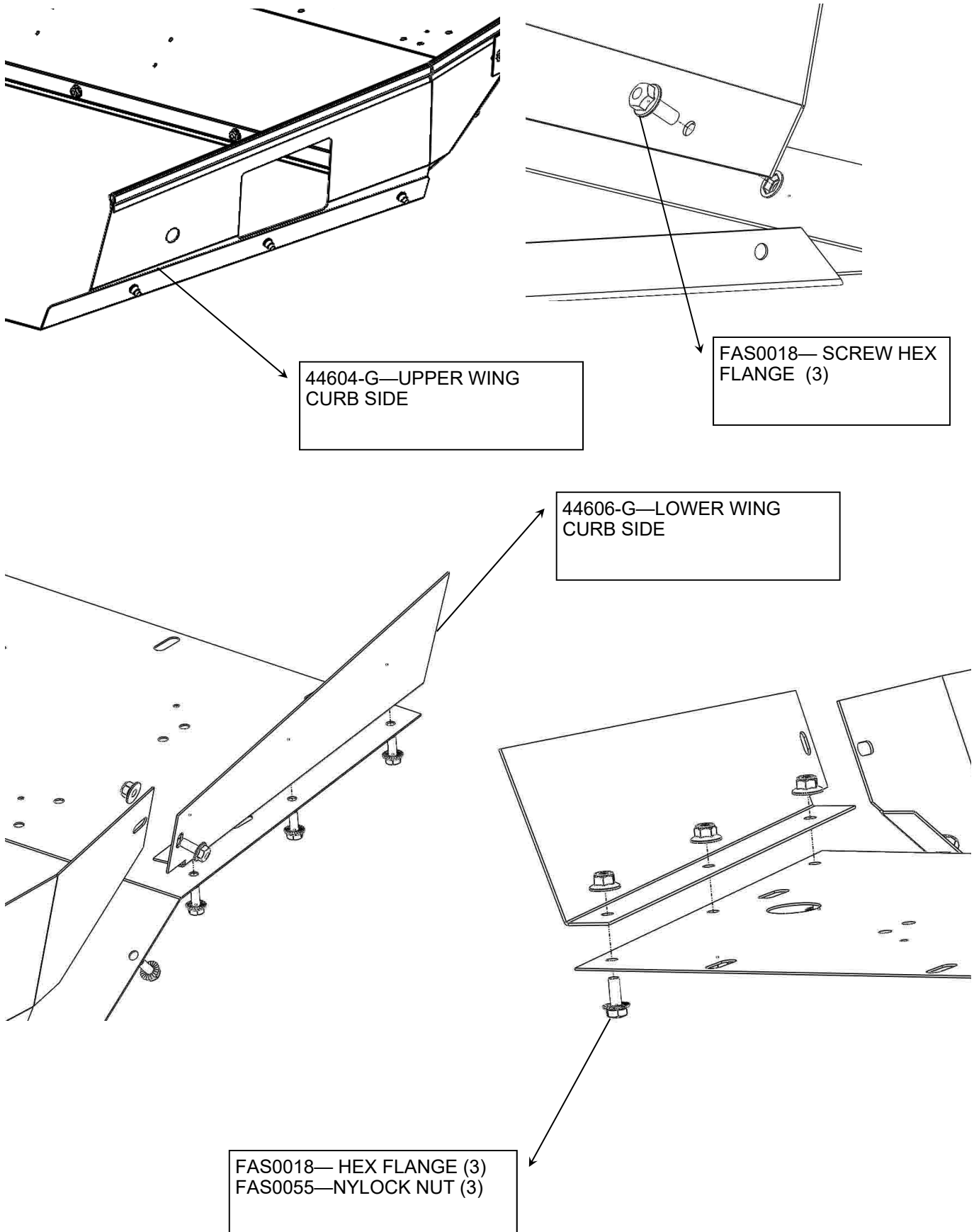


STEP 2 - ASSEMBLE THE PARTITION (PERFORATED OR SOLID UPPER PANEL)

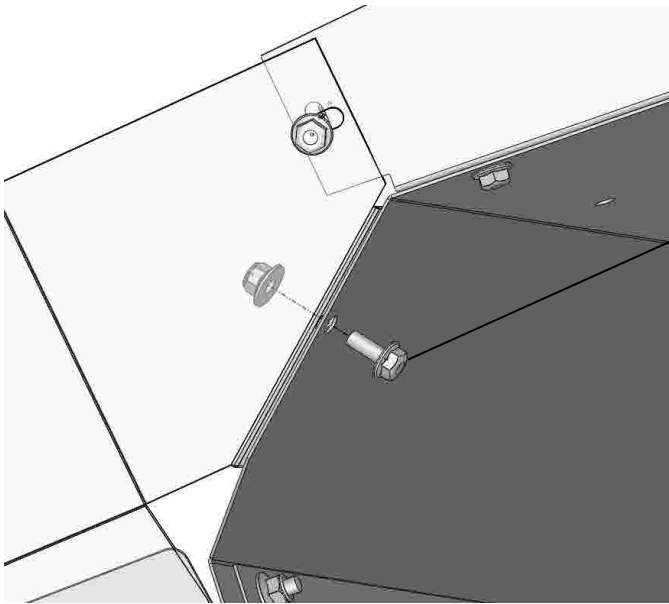
SOLID (47228-G) OR
PERFORATED (46229-G)



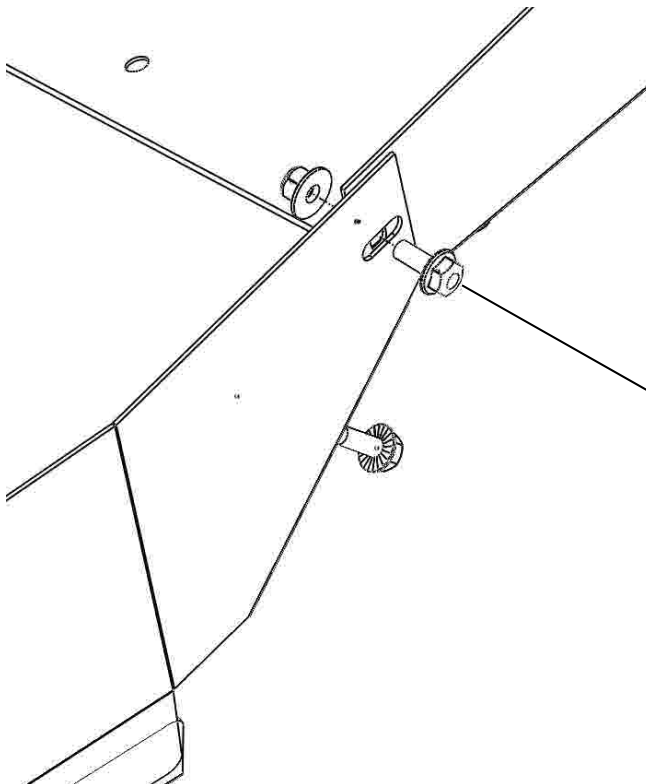
STEP 3 - ADD CURB SIDE WINGS



STEP 3 CONTINUED - ADD CURB SIDE WINGS



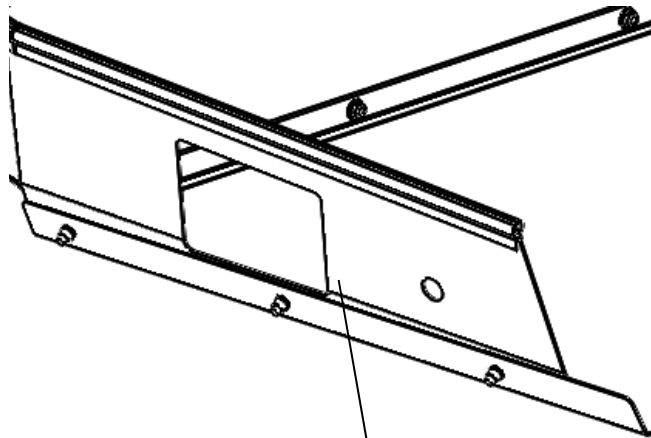
FAS0018— HEX FLANGE
FAS0055—NYLOCK NUT



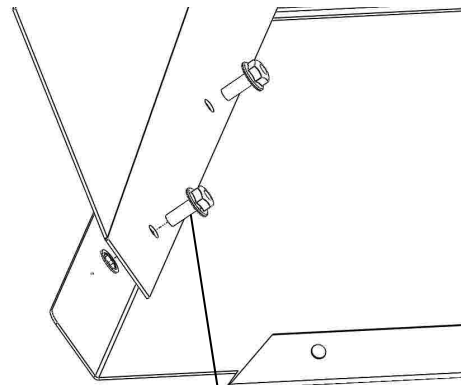
**DO NOT FULLY TIGHTEN
AT THIS STEP !**

FAS0018— HEX FLANGE
FAS0055—NYLOCK NUT

STEP 4 - ADD STREET SIDE WINGS

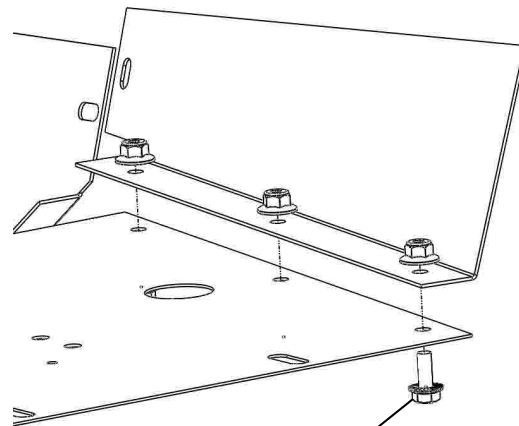
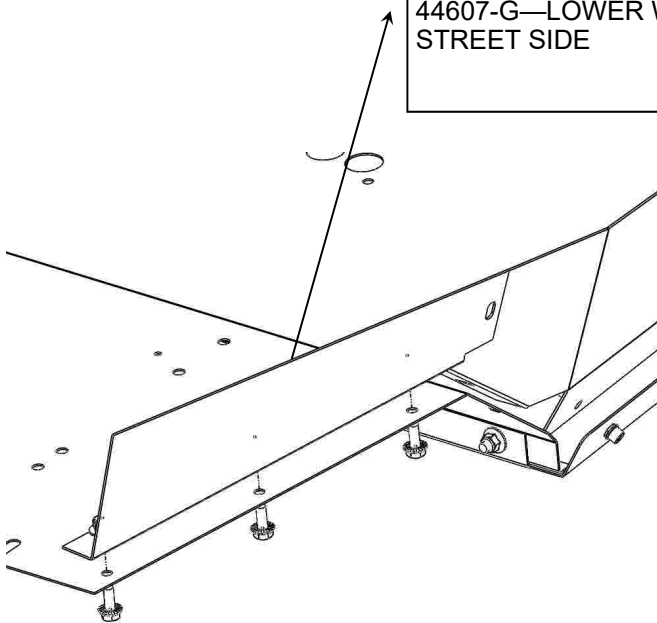


44605-G—UPPER WING
STREET SIDE



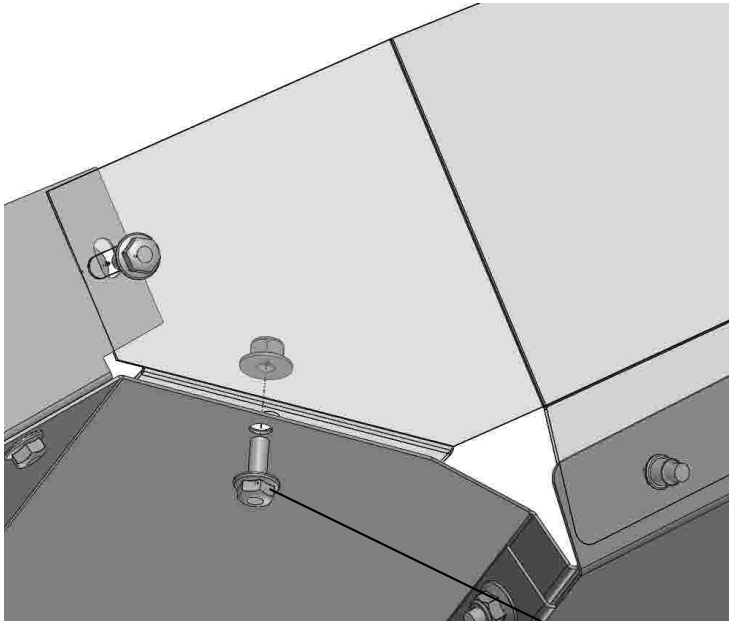
FAS0018— SCREW HEX
FLANGE (3)

44607-G—LOWER WING
STREET SIDE

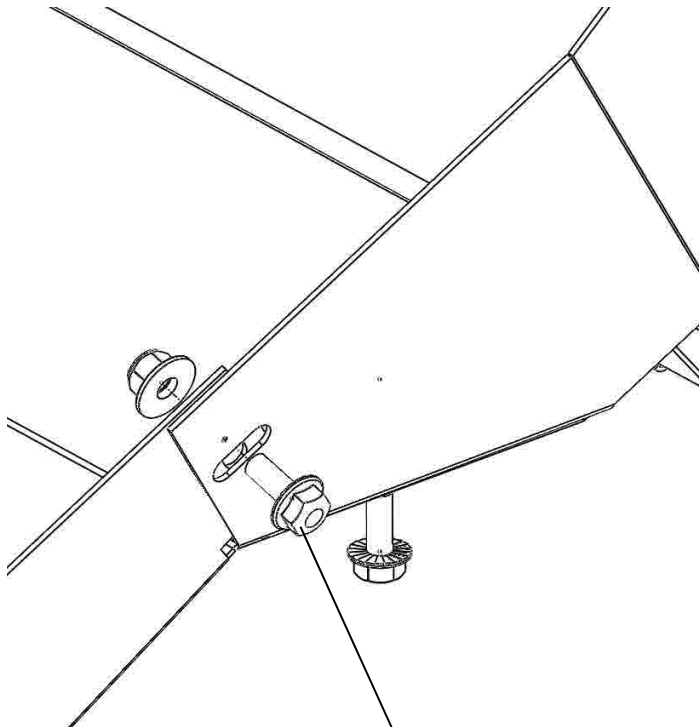


FAS0018— HEX FLANGE (3)
FAS0055—NYLOCK NUT (3)

STEP 4 CONTINUED - ADD STREET SIDE WINGS

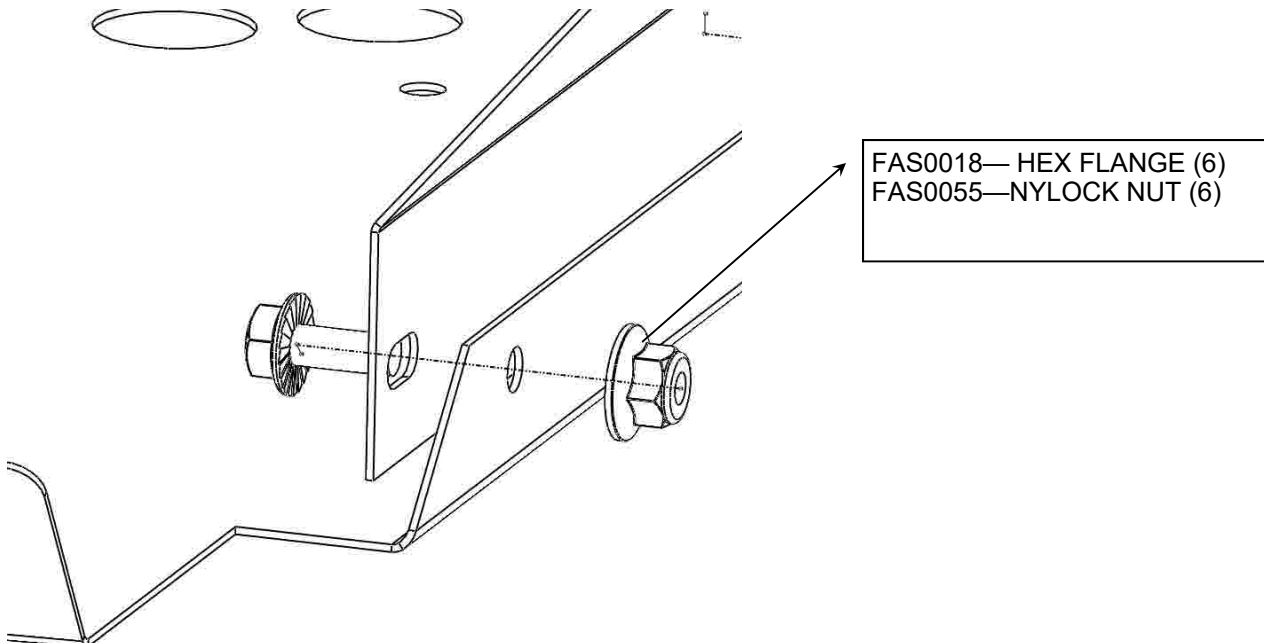
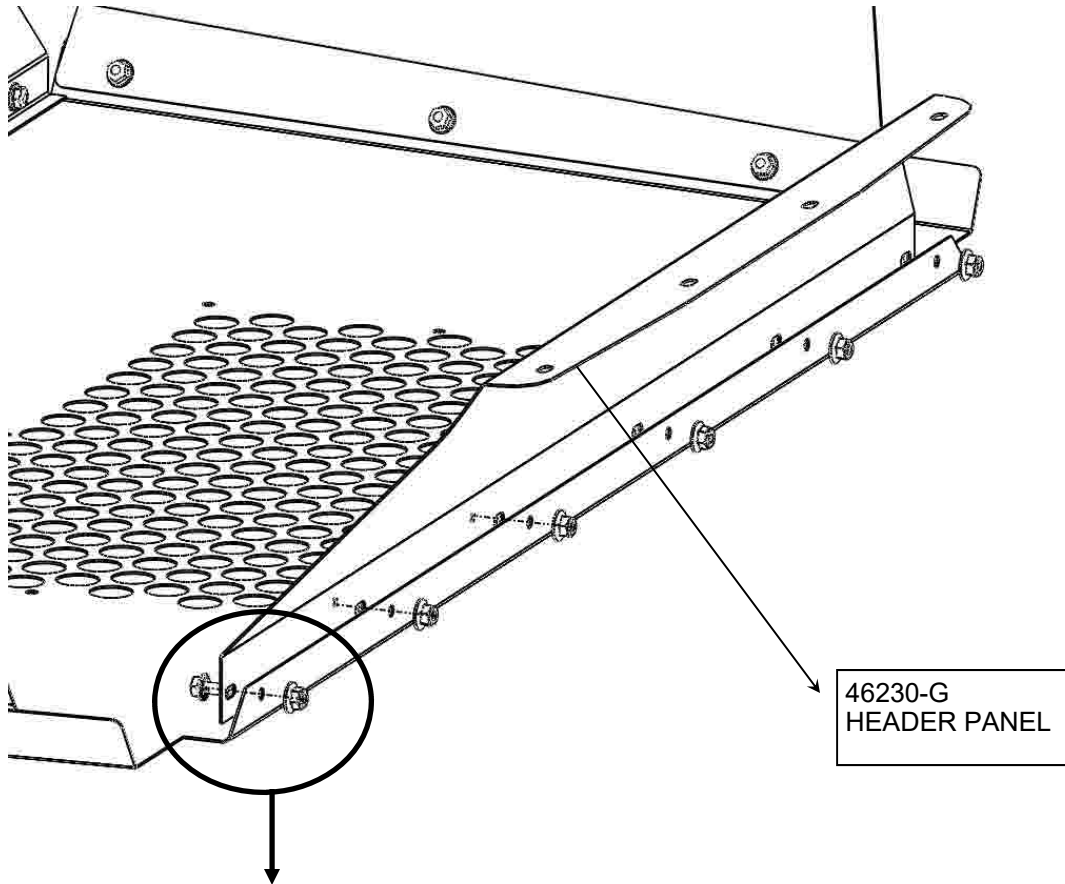


FAS0018— HEX FLANGE
FAS0055—NYLOCK NUT

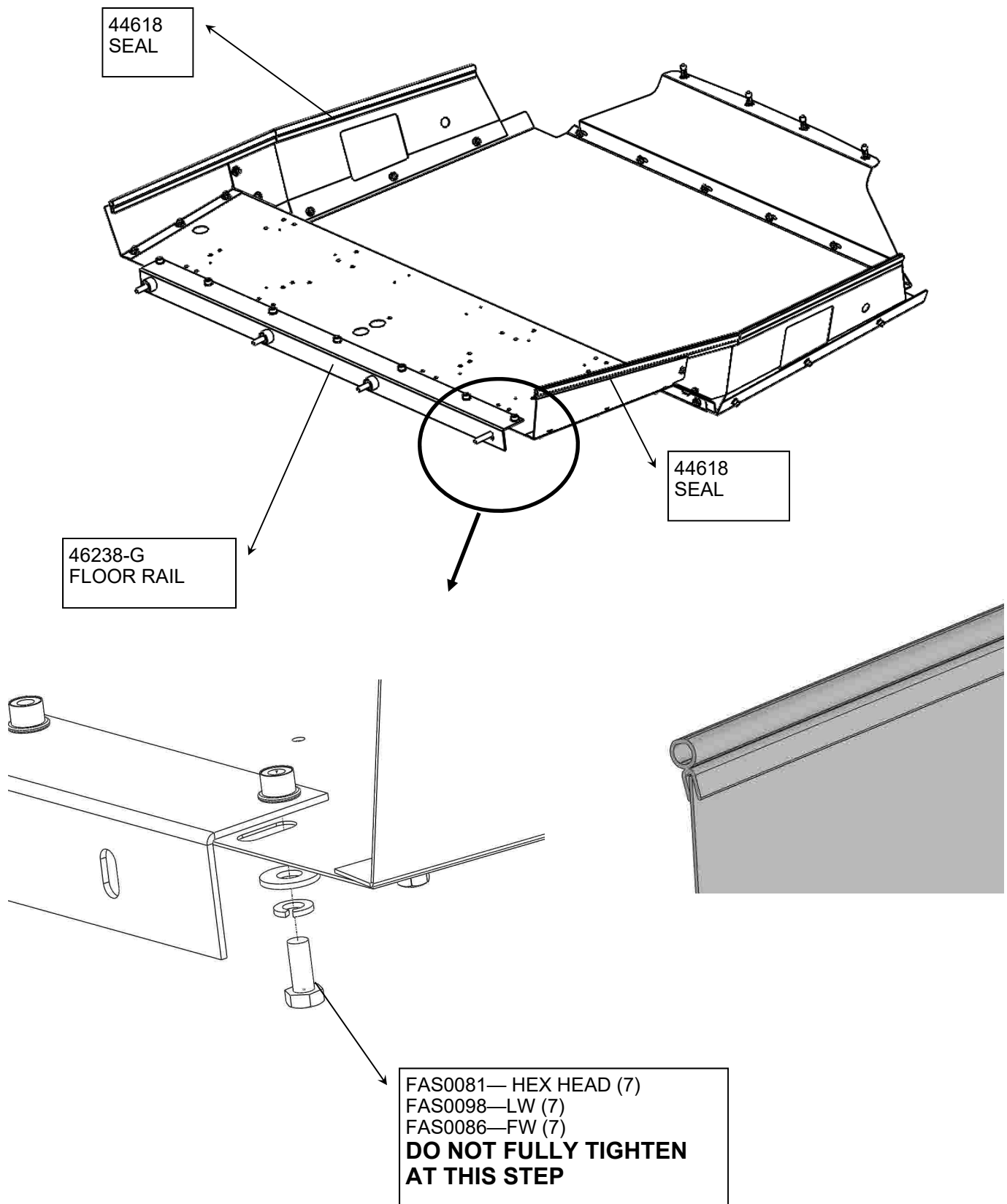


**DO NOT FULLY TIGHTEN
AT THIS STEP !**
FAS0018— HEX FLANGE
FAS0055—NYLOCK NUT

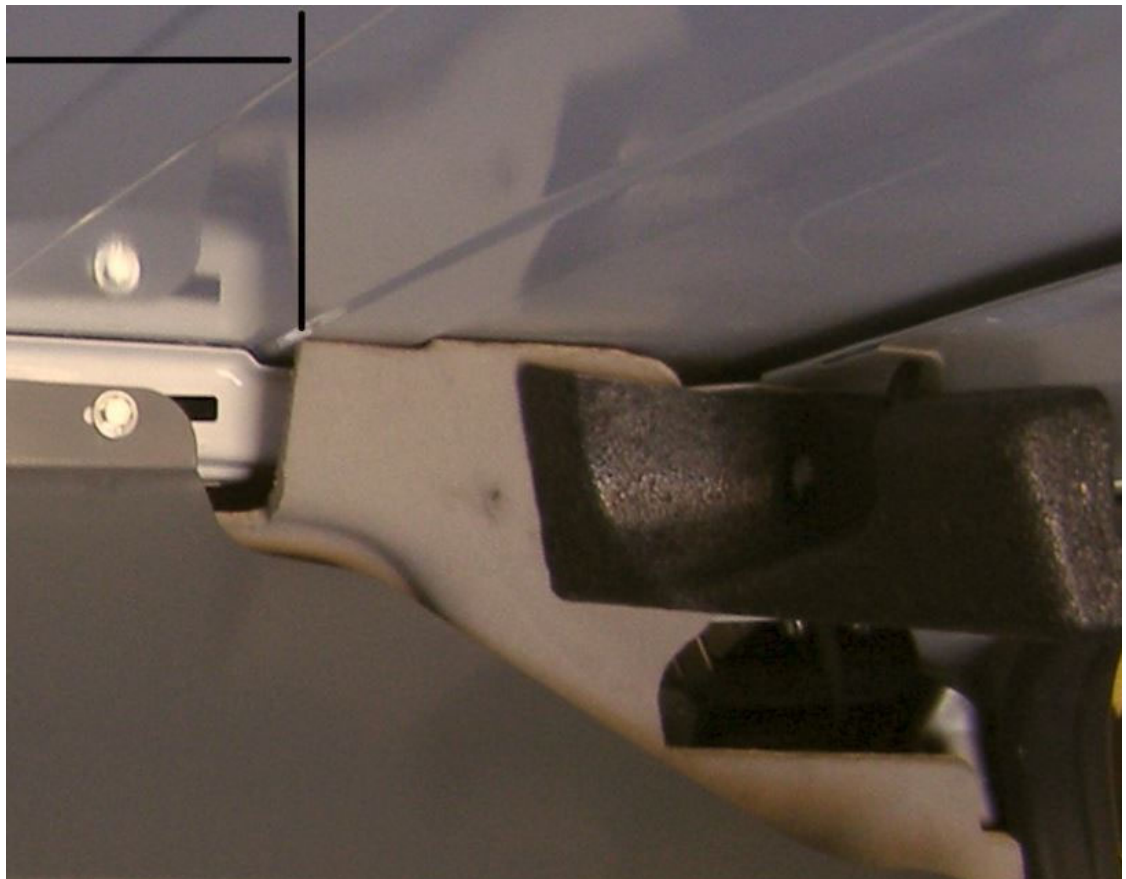
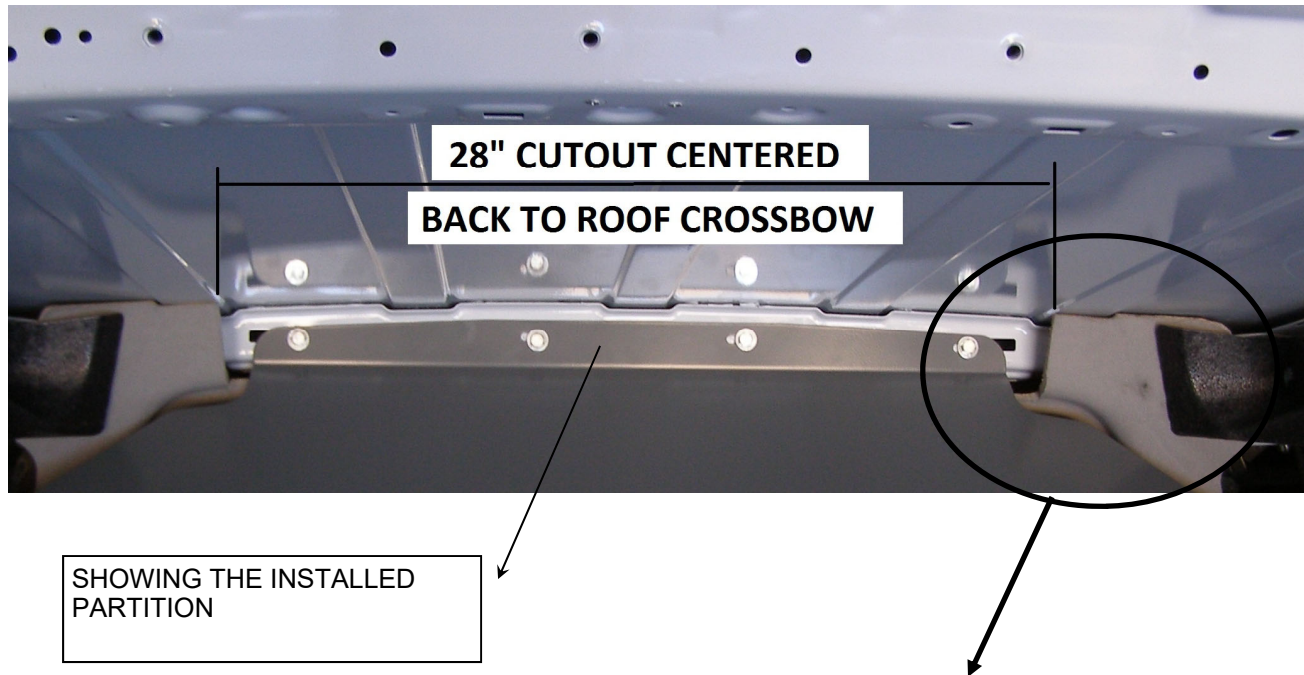
STEP 5 - ADD HEADER PANEL



STEP 6 - ADD FLOOR RAIL



STEP 7 - FOR 2014-2017 VEHICLES ONLY! MODIFY YOUR TRANSIT CONNECT HEADLINER



**FOR 2018-2021 MODEL YEAR VEHICLES WITH FABRIC HEADLINER SHOWN
BELOW, PROCEED TO STEP 8 AND SKIP STEP 9**



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

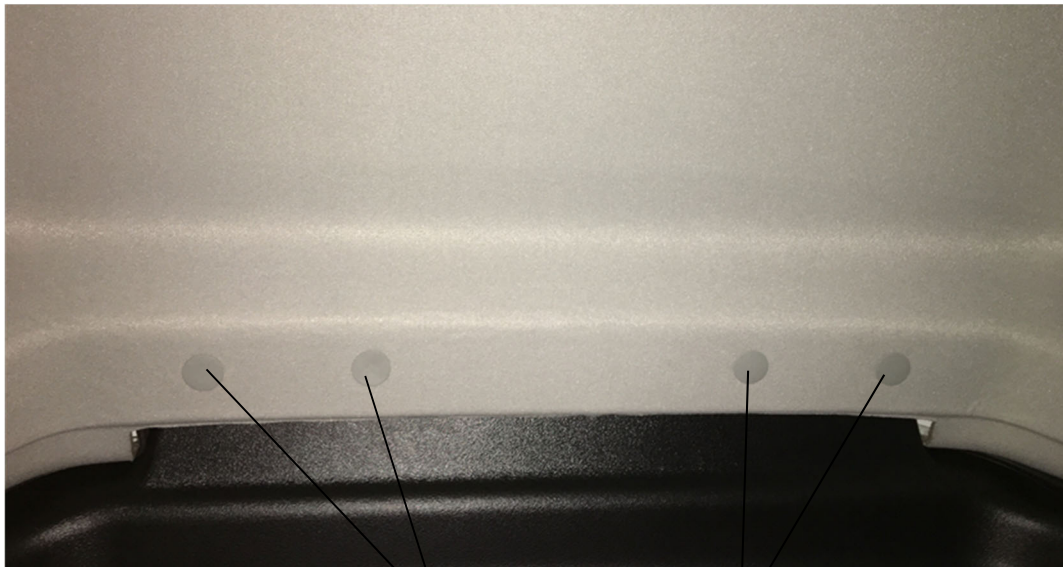
**FOR 2021-NEWER MODEL YEAR VEHICLES WITH PLASTIC HEADLINER SHOWN
BELOW, SKIP STEP 8 AND PROCEED TO STEP 9**



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

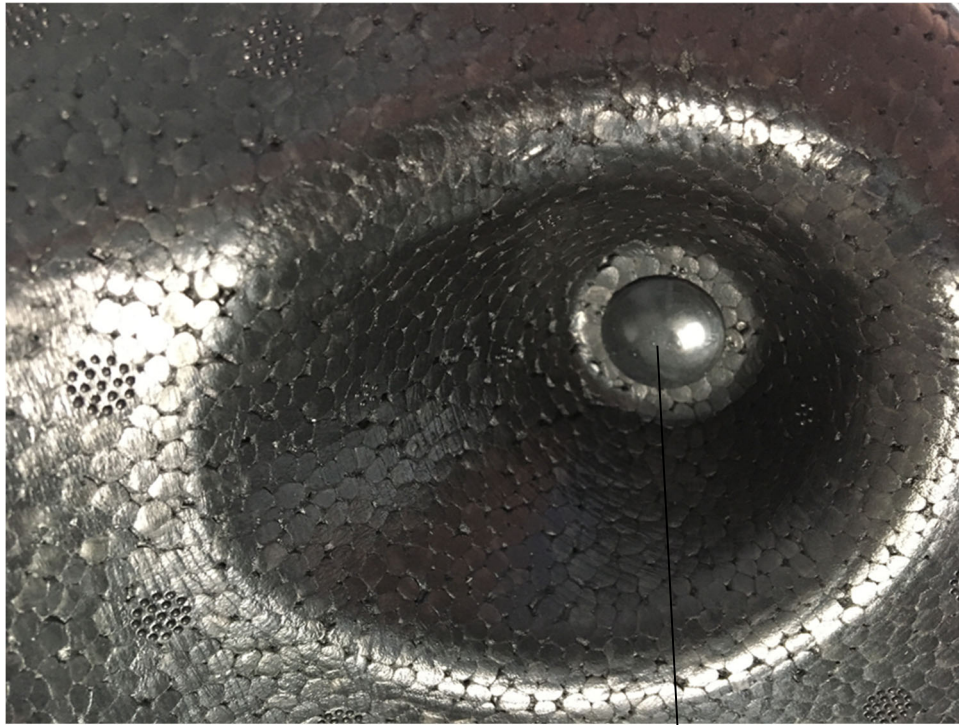
STEP 8 - FOR 2018-2021 VEHICLES ONLY! MODIFY HEADLINER FOAM

HEADLINER
FOAM INSERT



REMOVE PUSH-
PINS FROM HEAD-
LINER

STEP 8 CONTINUED - FOR 2018-2021 VEHICLES ONLY! MODIFY HEADLINER FOAM



REMOVE PASSENGER
SIDE FOAM INSERT

CUT DOWN THE RED LINE.
LEAVE ROOM FOR THE
HOLE THAT IS CIRCLED.
DISCARD THE RIGHT SIDE
OF THE CUT. DRIVER-SIDE
IS MIRRORED.

REMOVE PUSHINS
FROM PASSENGER
SIDE FOAM INSERT



STEP 8 CONTINUED - FOR 2018-2021 VEHICLES ONLY! MODIFY HEADLINER FOAM



THE PUSHPIN IS USED IN
THE HOLE THAT WAS LEFT
AFTER CUTTING.

THIS IS THE FOAM REINSTALLED

THIS IS THE STREETSIDE WITH
THE CUT

THIS IS THE CURBSIDE WITH THE
CUT



STEP 8 CONTINUED - FOR 2018-2021 VEHICLES ONLY! MODIFY HEADLINER FOAM



REMOVE HEADLINER
FOAM INSERT

HEADLINER AFTER REMOVAL
OF PASSENGER SIDE AND
HEADLINER FOAM INSERTS



STEP 8 CONTINUED - FOR 2018-2021 VEHICLES ONLY! MODIFY HEADLINER FOAM



HEADLINER FOAM
INSERT AFTER
CUT

CUT HEADLINER FOAM INSERT
ALONG RED DOTTED LINE



STEP 8 CONTINUED - FOR 2018-2021 VEHICLES ONLY! MODIFY HEADLINER FOAM

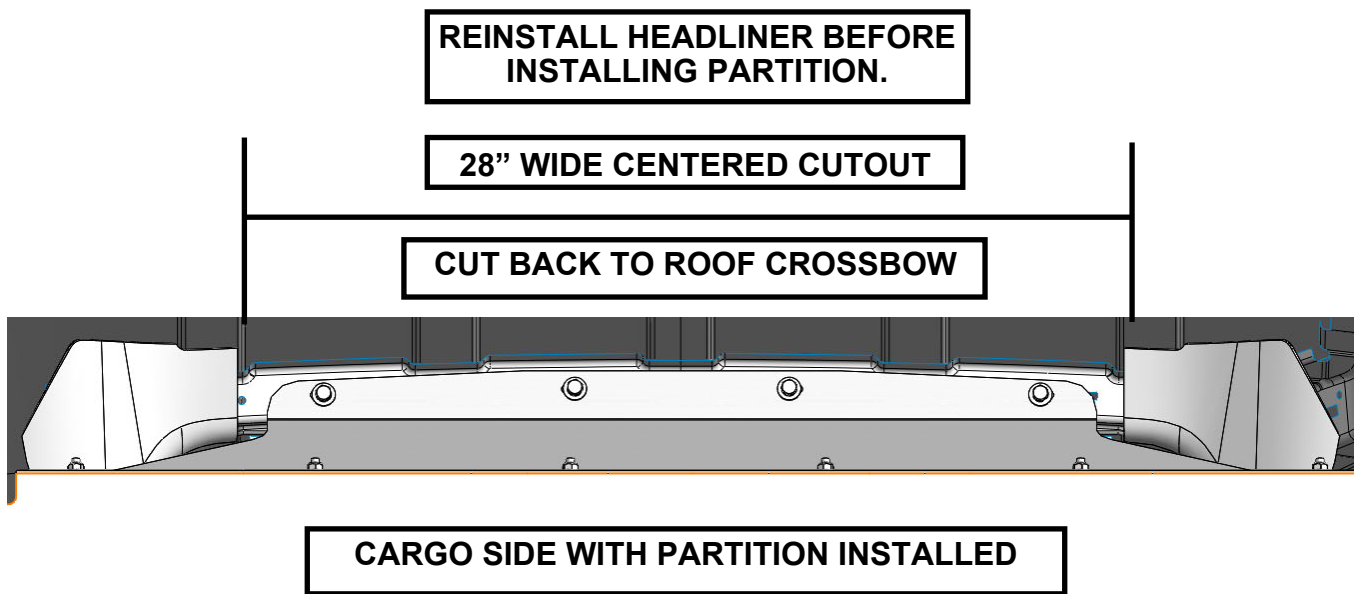
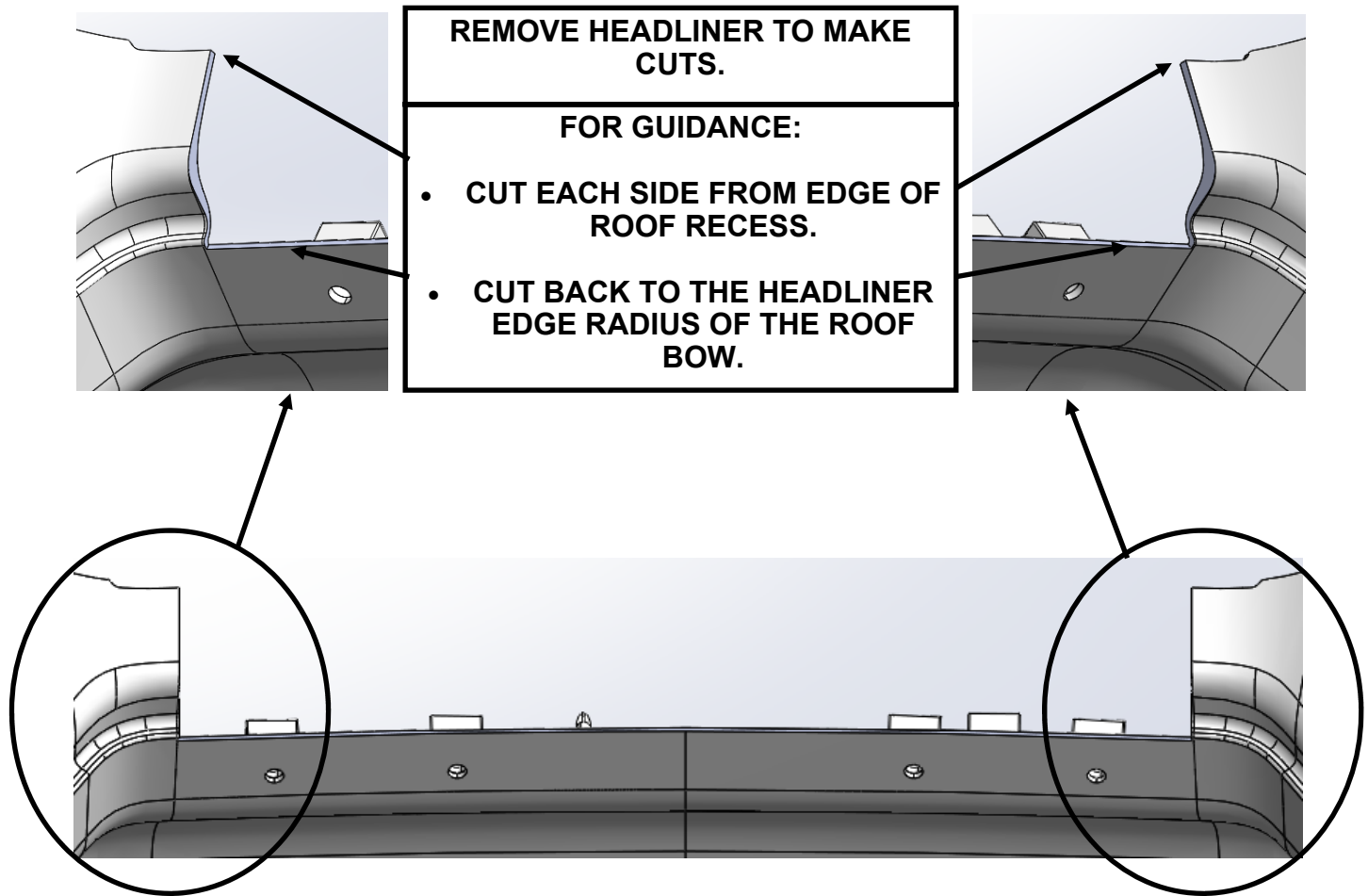


RE-INSTALL HEADLINER
AND PASSENGER SIDE
PUSH-PINS

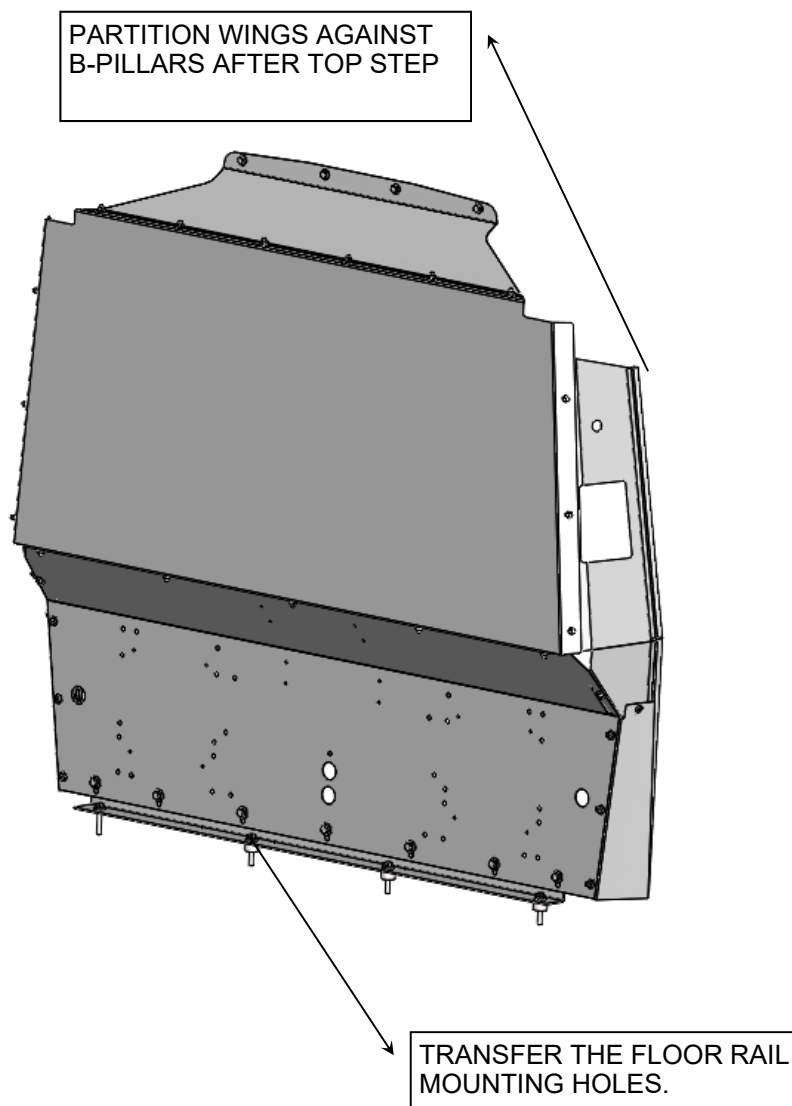
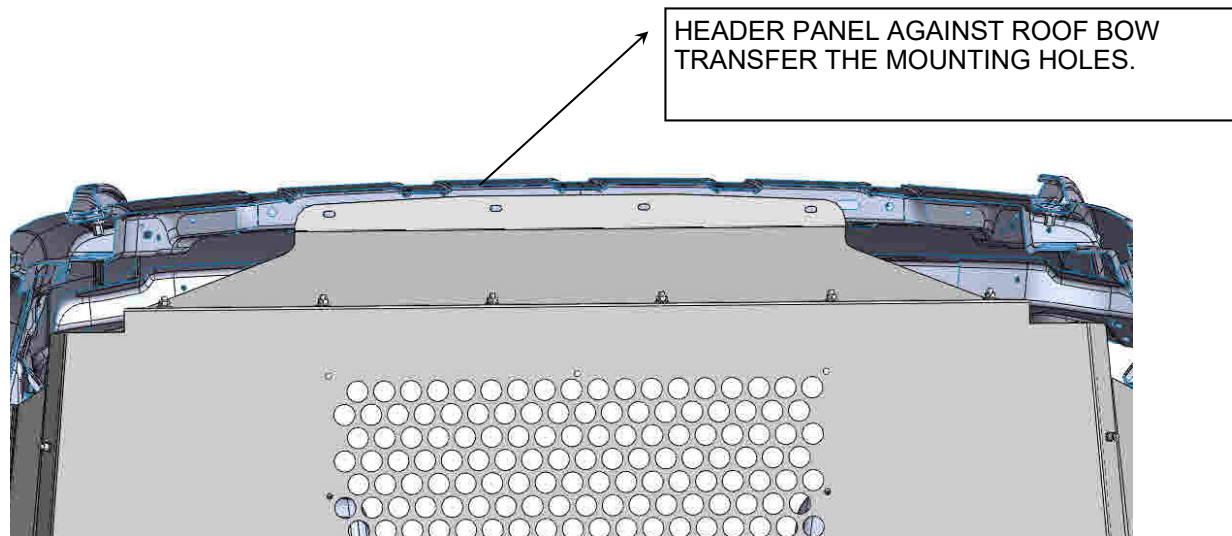
RE-INSTALL FOAM INSERTS

**AFTER RE-INSTALLING THE HEADLINER PINS, CONTINUE TO STEP 10 FOR PARTITION
INSTALLATION**

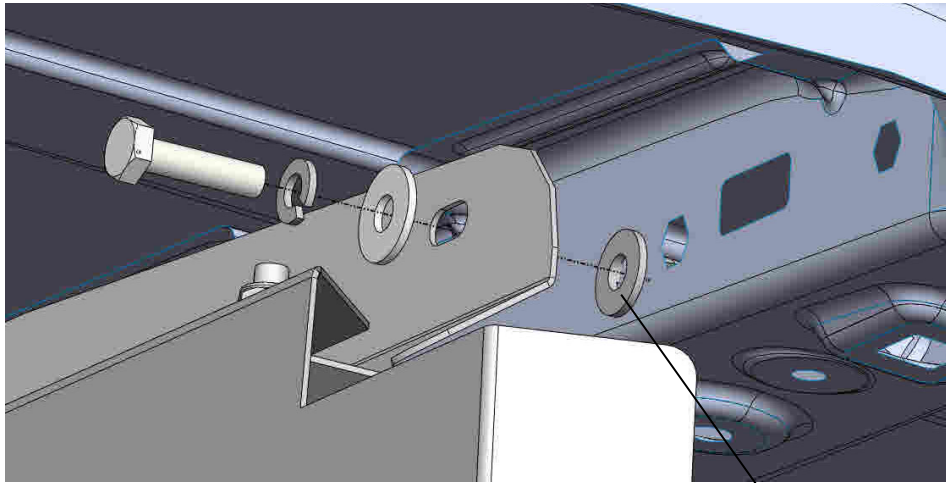
STEP 9 - FOR 2021-NEWER VEHICLES ONLY! MODIFY PLASTIC HEADLINER



STEP 10 - CAREFULLY PLACE IN VEHICLE AND TRANSFER HOLES

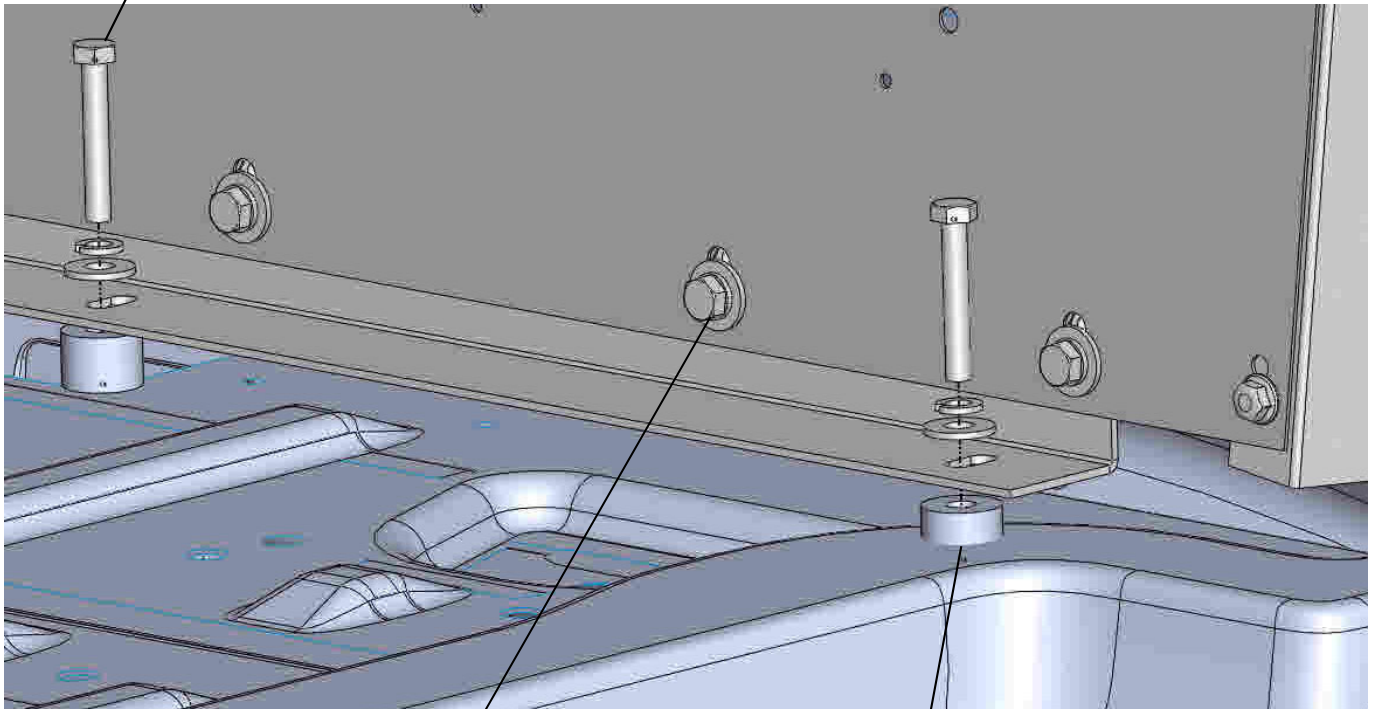


STEP 11 - SET PLUSNUTS AND SECURELY PARTITION IN PLACE



FAS0091—5/16 PLUSNUT (4)
FAS0086—FW (4)
FAS0098—LW (4)
FAS0602—5/16 HH X 2" LG (4)

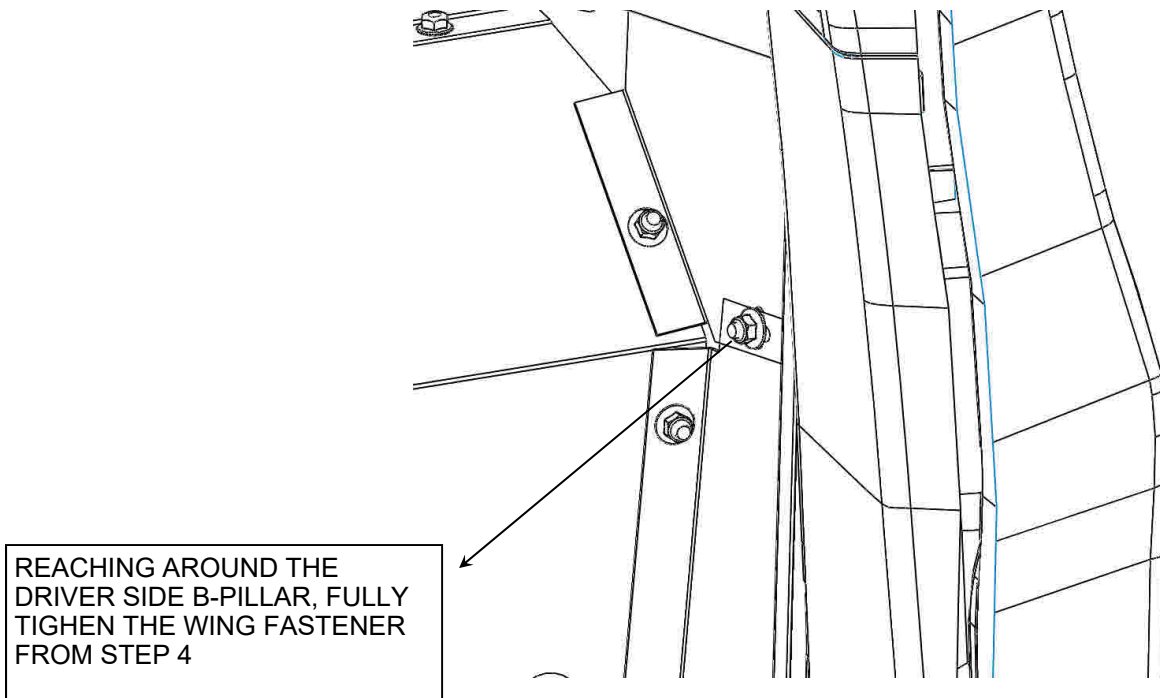
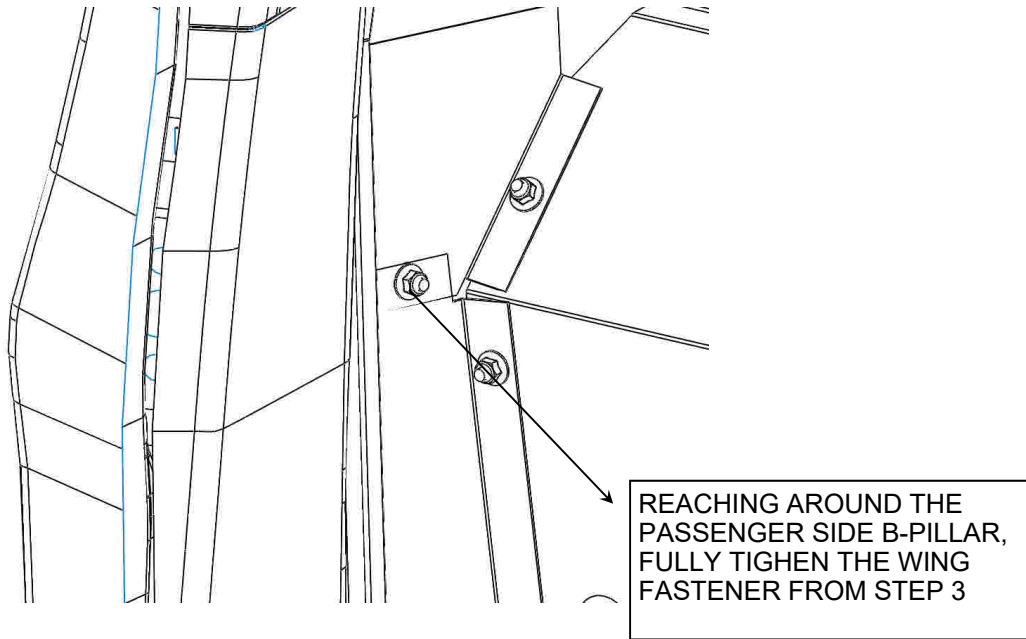
FAS0052—1/4-20 PLUSNUT (4)
FAS0067—FW (4)
FAS0060—LW (4)
FAS0078—1/4-20 HH X 1" LG (4)



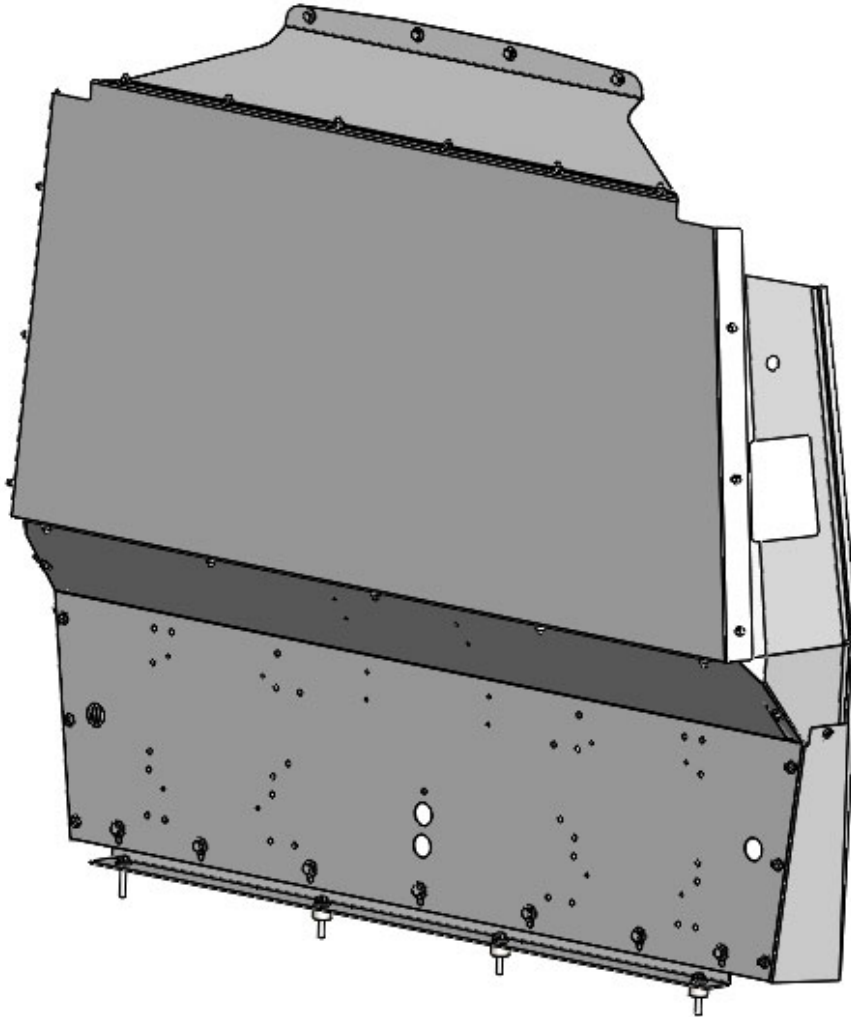
FROM STEP 6
**FULLY TIGHTEN AT
THIS STEP
(7) PLACES**

WILL GO THRU
STEPWELL TRIM

STEP 12 - FULLY TIGHTEN THE PARTITION WING FASTENERS



YOUR INSTALLATION IS NOW COMPLETE



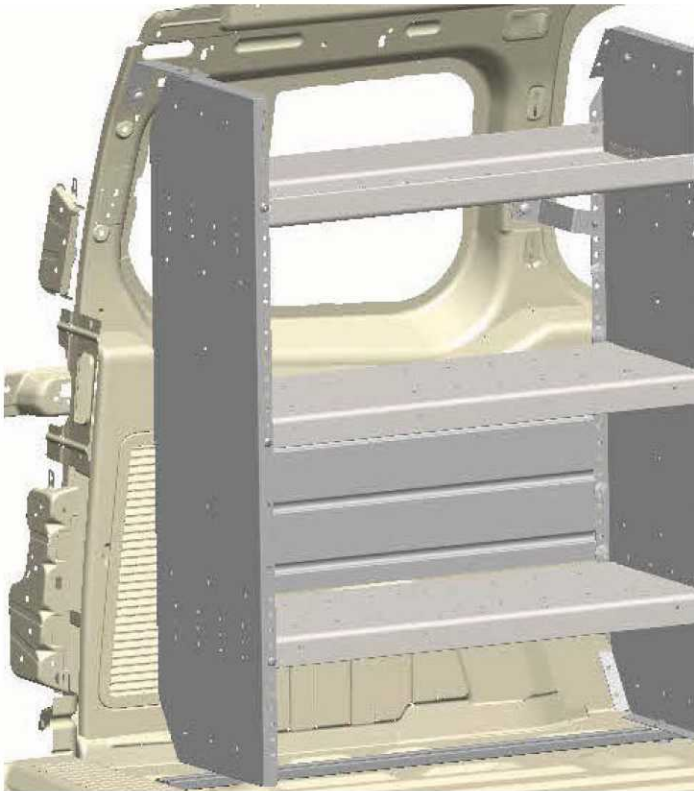
**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**



ADRIAN STEEL

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, 38" 2014 TRANSIT CONNECT



PRODUCT WEIGHT

5 LBS.

WIDTH x DEPTH x HEIGHT

N/A

CAPACITY

**(1) AD1226TC14 or
(1) AD1232TC14 or
(1) AD1426TC14 or
(1) AD1432TC14**

COLOR

GRAY

CATALOG NUMBER

RKTC14

PRODUCT FEATURES

38" RAIL KIT designed for one AD1226TC14 or one AD1232TC14 or one AD1426TC14, or one AD1432TC14 Shelving unit. You can use one on either side or with two kits both sides.

PRODUCT APPLICATION

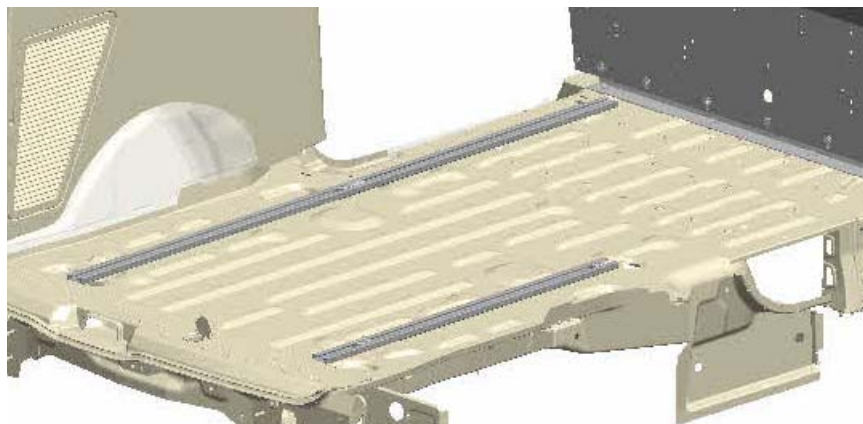
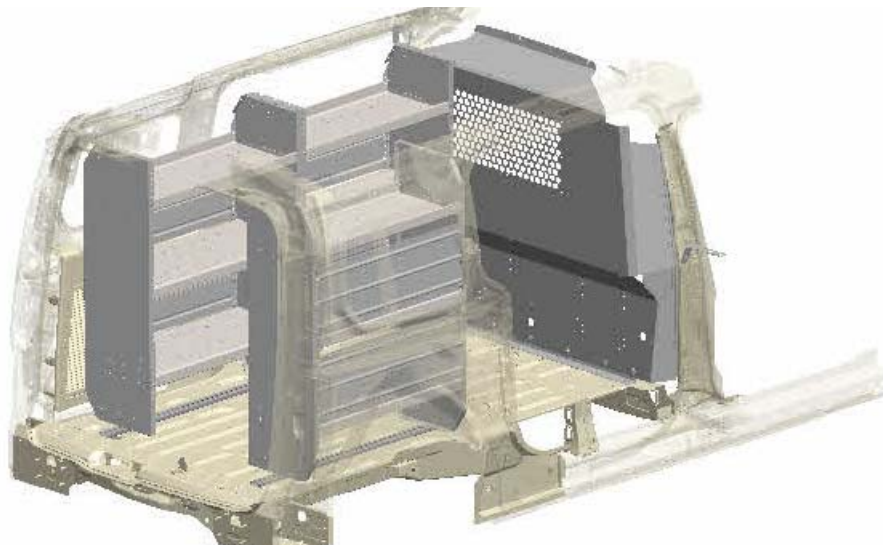
This product is designed for installation into the 2014 Ford Transit Connect only.

Introduction / Comments:

RKTC14 RAIL KIT 38" 2014 TRANSIT CONNECT .
THIS RAIL KIT WILL WORK IN SHORT OR LONG WHEELBASE.

RKDTC14 RAIL KIT 70" 2014 TRANSIT CONNECT SHELF ASSEMBLY.
THIS RAIL KIT WILL ONLY WORK IN LONG WHEEL BASE.

Note: It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to Ensure your Product gives you long service life



LONG WHEELBASE VAN SHOWN

- 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 INSTALLATION HOLES!
ADRIAN AVAILABLE PART #'S 31121-0 (1/2" DEEP),
31122-0 (3/4" DEEP)**



- 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



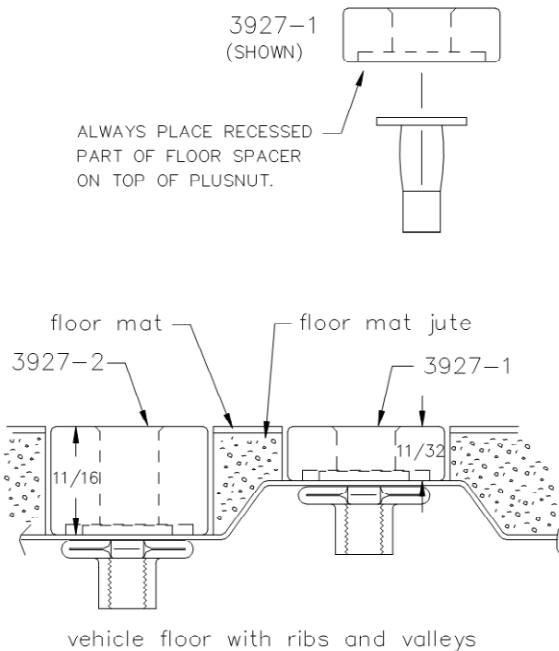
MEASURING TAPE

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.



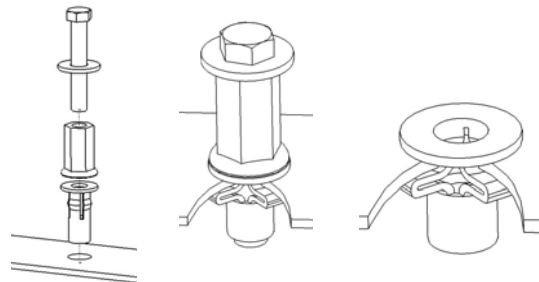
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

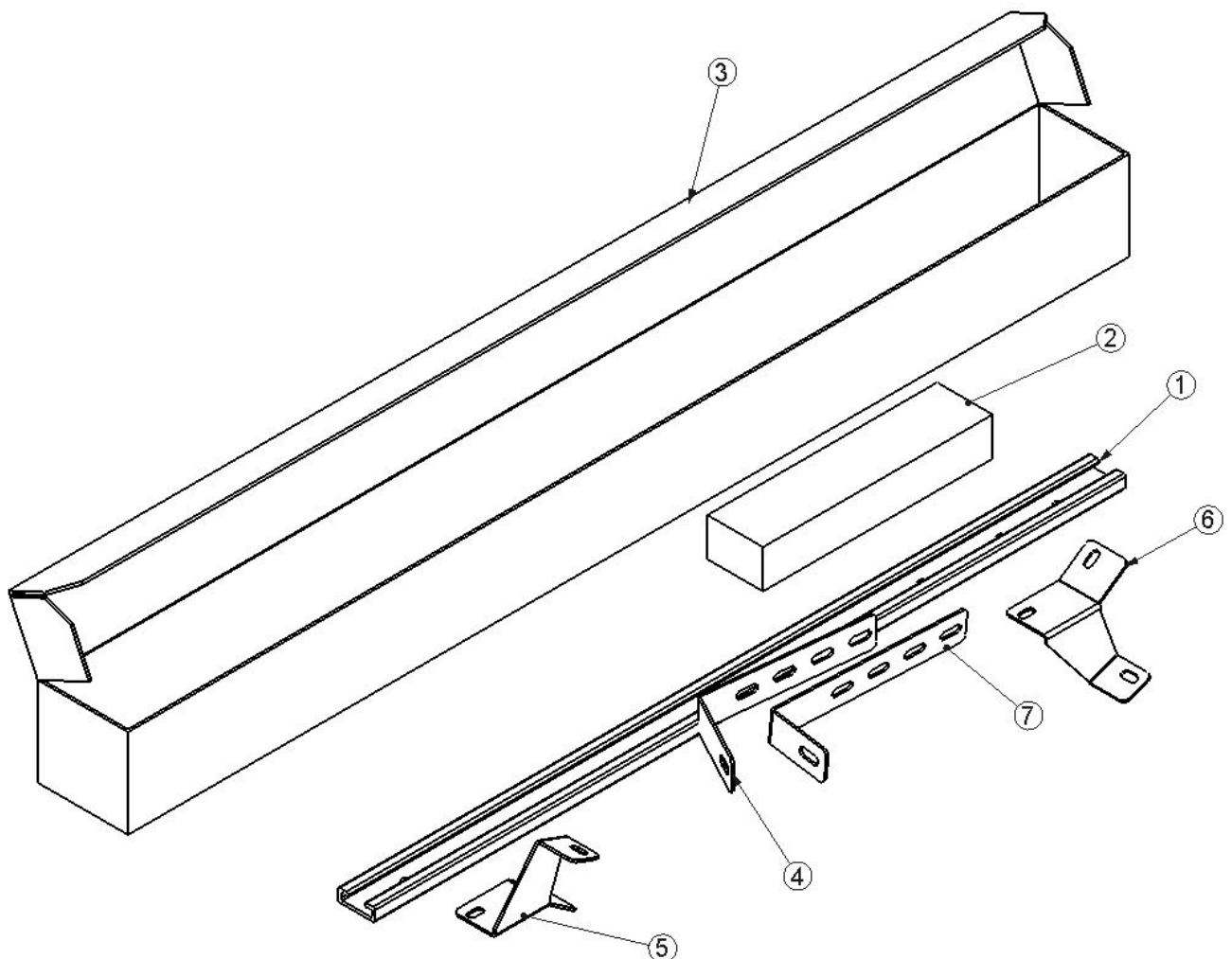


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).

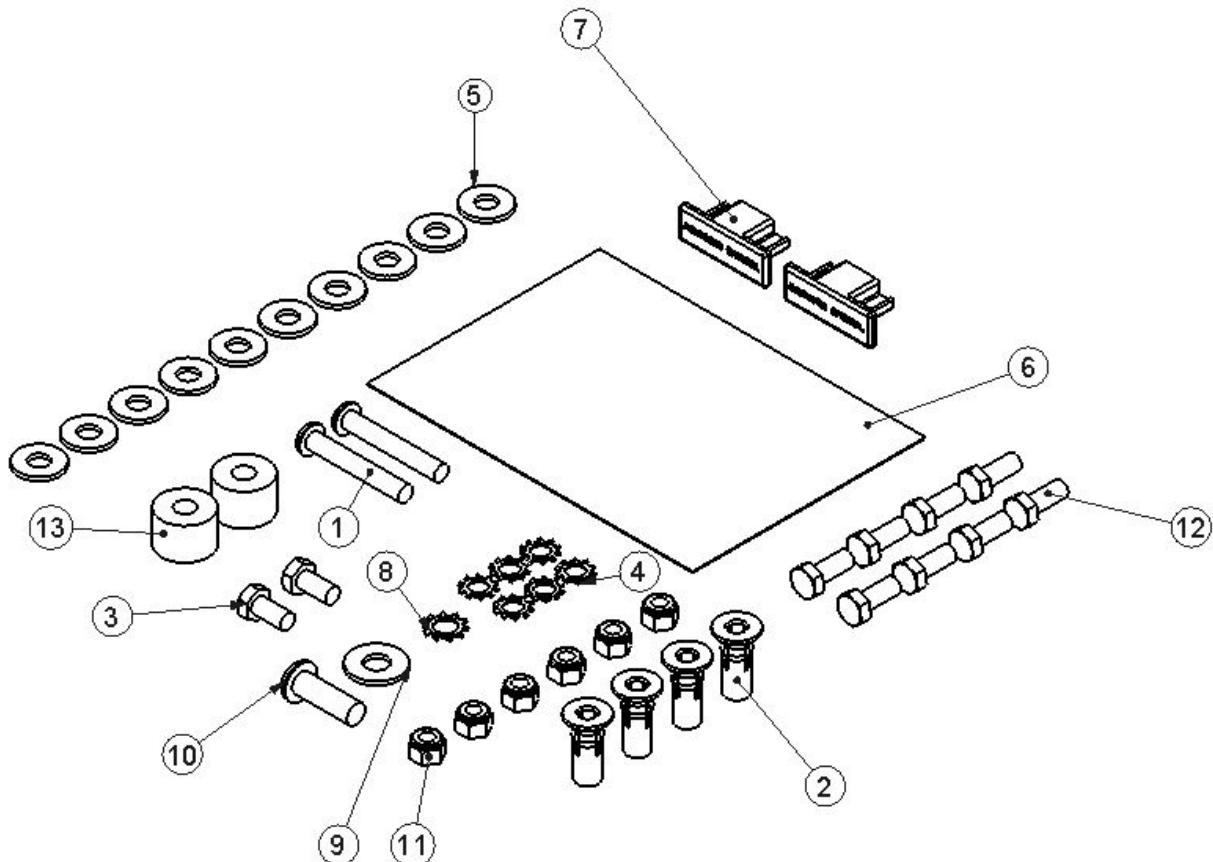
RKTC14

ITEM NO.	PART NUMBER	DESCRIPTION	RKTC14/QT Y.
1	43978	RAIL, ALUMINUM X 38.00	1
2	HDWRKTC14	HDW KIT, 2014 TRANSIT CONNECT	1
3	CRTRKTC14	CARTON AD RAIL 2014 TC	1
4	44355-G	REAR MTG BRKT, 2014 TC	1
5	46947-G	FRONT CORNER BRKT, TC, SS	1
6	46946-G	FRONT CORNER BRKT, TC, CS	1
7	46945-G	FRONT MTG BRKT, 2014 TC	1



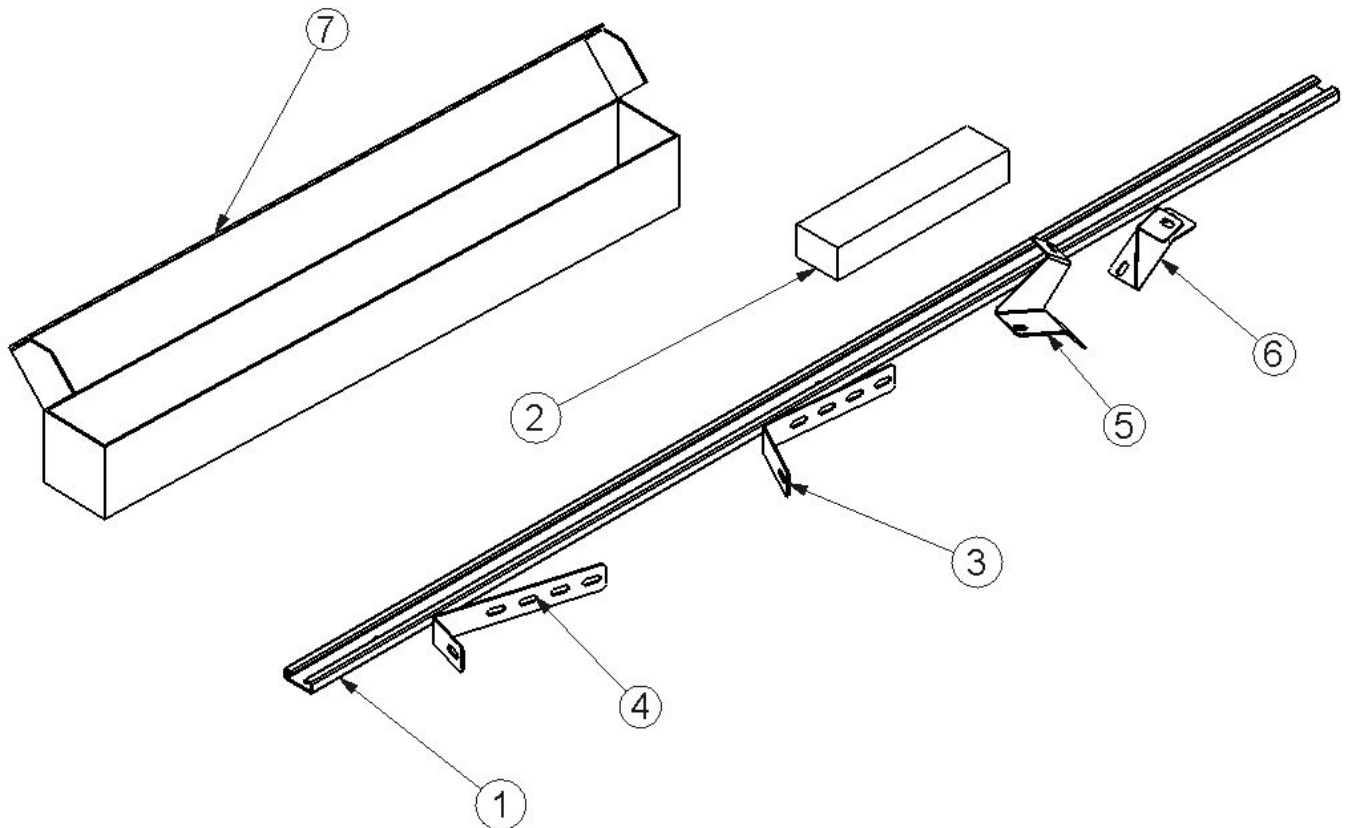
BAGRKTC14 IS PART OF RKTC14 AND RKDTC14

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	FAS0048	Screw, Button Hd Hex Soc, 5/16-18X 2, BLK OXIDE	2
2	FAS0091	Plusnut, 5/16	4
3	FAS0165	Screw, Hex Hd, 5/16-18x.625	2
4	FAS0085	Washer, Lock, Ext. Tooth, 5/16	6
5	FAS0086	WASHER,FLAT USS 5/16 ZP	10
6	BAG0507-A	5" x 7" 3MIL AUTOBAG	1
7	36496-0	END CAP	2
8	FAS0105	Washer, Lock, Ext. Tooth, 3/8, NI ZN	1
9	FAS0104	Washer, Flat, 3/8, NI ZN	1
10	FAS0728	Screw, Button Hd Hex Soc, M10 x1.5 x 30mm	1
11	FAS0090	Nut, Nylon Insert Lock, 5/16-18, Zi	6
12	FAS0081	Screw, Hex Hd, 5/16-18x0.75 Zn Plate	8
13	03927-2	Tall Floor Spacer	2



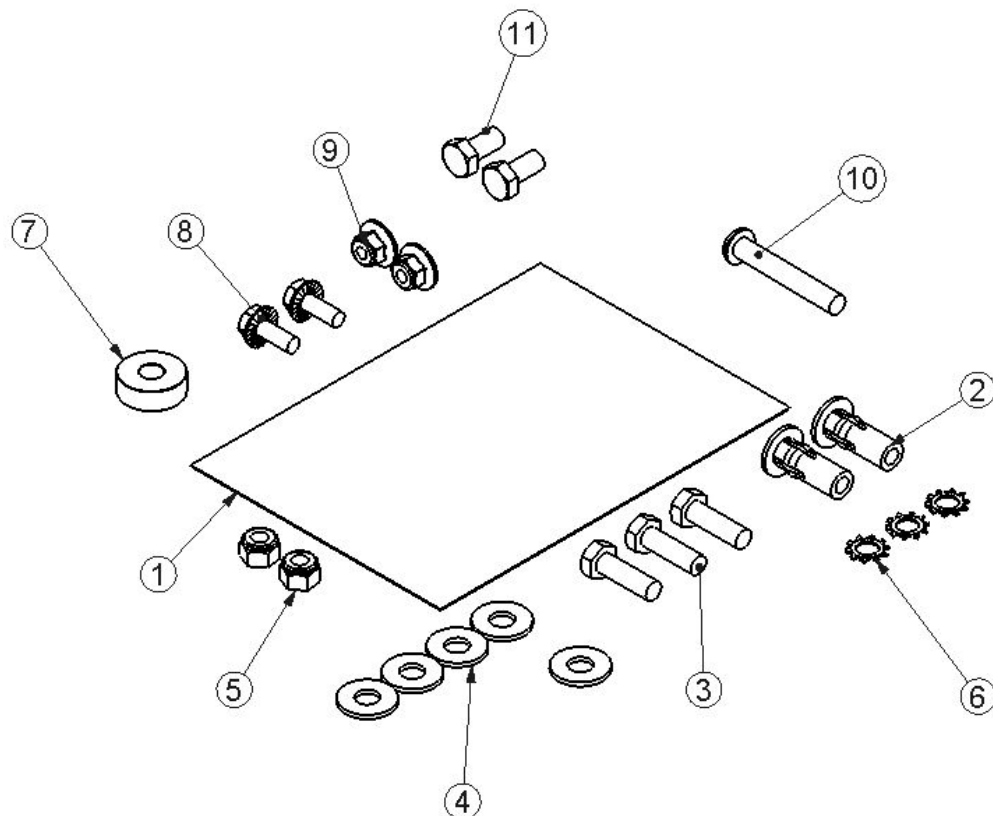
RKDTC14

ITEM NO.	PART NUMBER	DESCRIPTION	RKDTC14/QTY.
1	44351	RAIL 70" TC 14	1
2	HDWRKDTC14	HDW KIT, 2014 TRANSIT CONNECT	1
3	44355-G	REAR MTG BRKT, 2014 TC	1
4	46945-G	FRONT MTG BRKT, 2014 TC	1
5	46946-G	FRONT CORNER BRKT, TC, CS	1
6	46947-G	FRONT CORNER BRKT, TC, SS	1
7	CRTRKTC14	CARTON AD RAIL 2014 TC	1

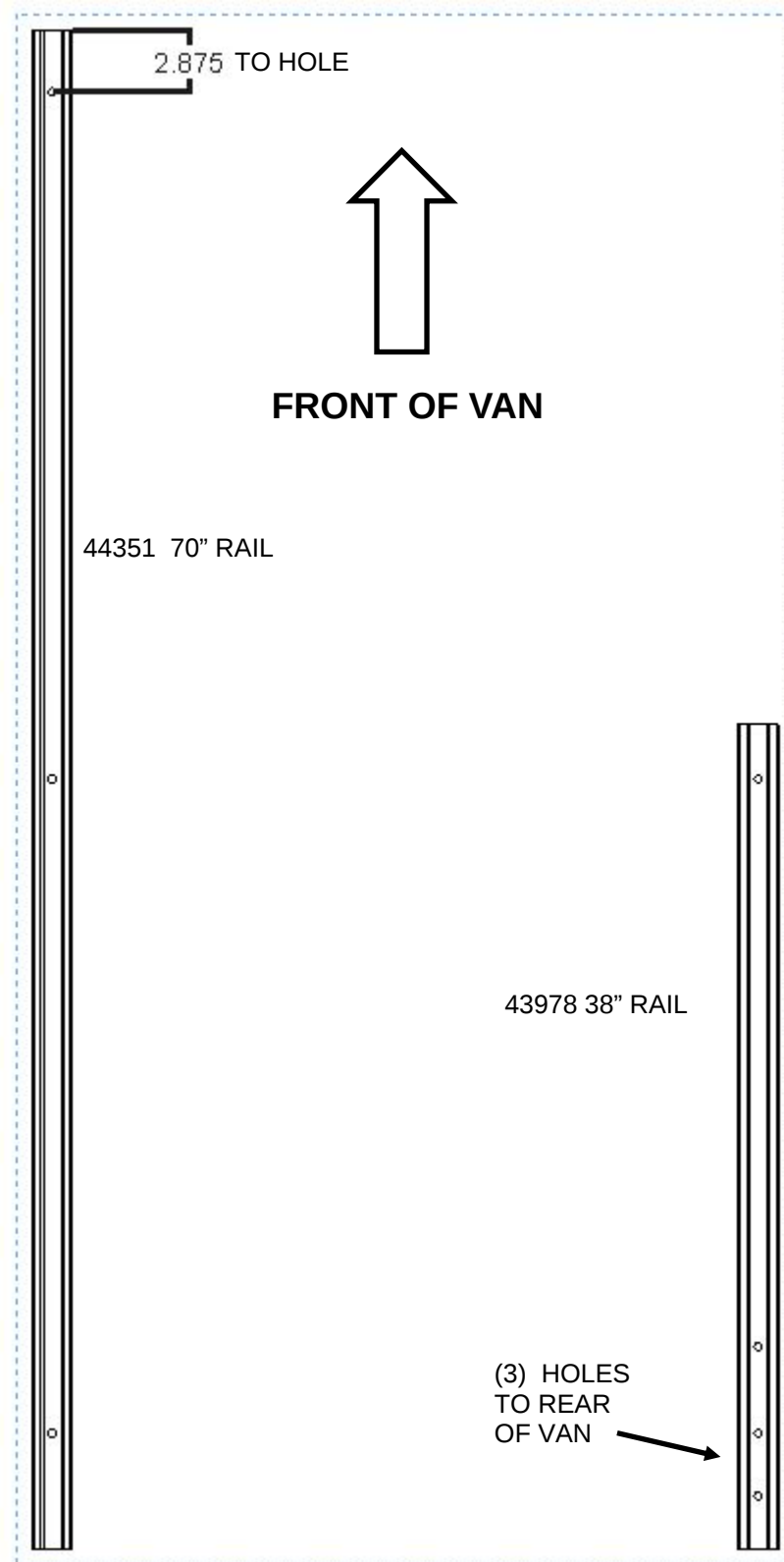


BAG46965 IS PART OF RKDTC14

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	BAG0507-A	5" x 7" 3MIL AUTOBAG	1
2	FAS0091	Plusnut, 5/16	2
3	FAS0119	Screw, Hex Hd, 5/16-18x1.00 Zn-Ni (1000 hour)	5
4	FAS0112	Washer, Flat, 5/16, NI ZN	5
5	FAS0090	Nut, Nylon Insert Lock, 5/16-18, Zi	2
6	FAS0085	Washer, Lock, Ext. Tooth, 5/16	3
7	03927-1	Floor Spacer Short	1
8	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	2
9	FAS0055	Nut, Hex Flange,Nylock 1/4-20	2
10	FAS0048	Screw, Button Hd Hex Soc, 5/16-18X 2, BLK OXIDE	1
11	FAS0165	Screw, Hex Hd, 5/16-18x.625	2



ORIENTATION OF RAILS IN VAN

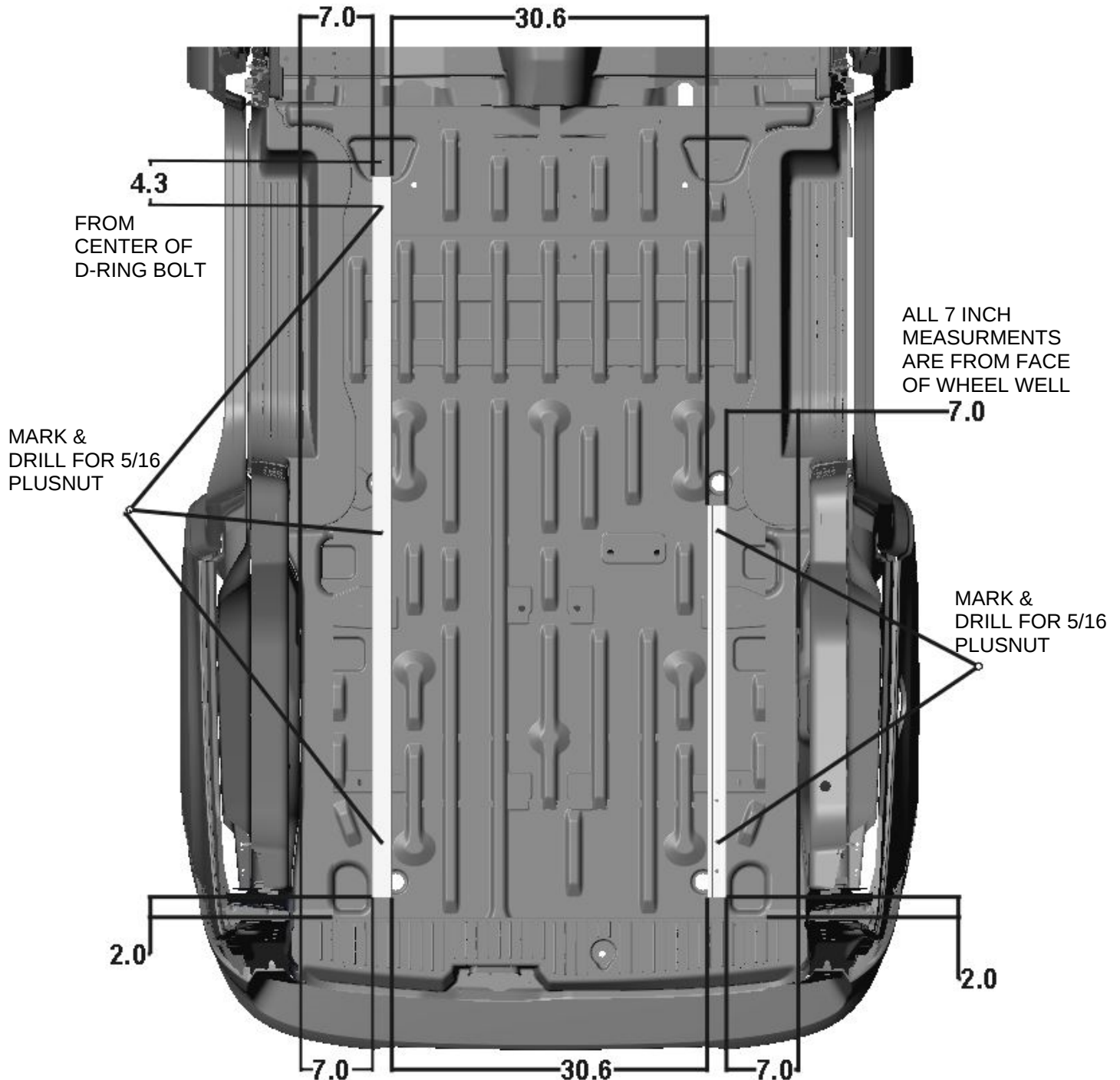


44351 70" OR 43978 38" RAIL INSTALL

NOTE: THIS STEP DETERMINES CORRECT RAIL POSITION IN VEHICLE
70" RAIL INSTALL FOLLOW LEFT SIDE OF PICTURE

38" RAIL INSTALL FOLLOW RIGHT SIDE OF PICTURE

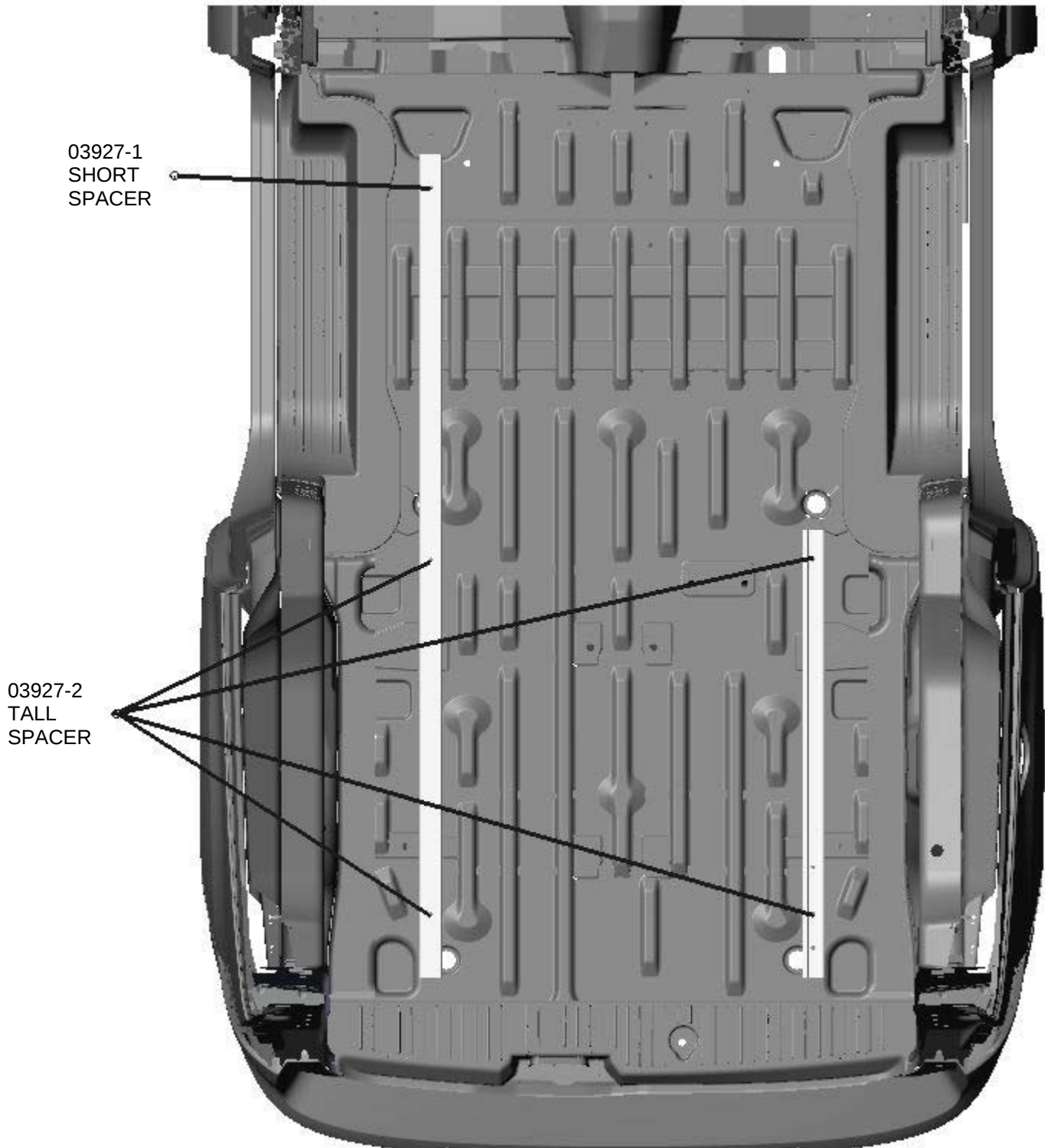
RAILS ARE TO BE INSTALLED AND CONFIGURED PER PACKAGE LAYOUT, OR CUSTOMER SPECIFICATIONS (PICTURE SHOWN ONLY FOR REFERENCE)



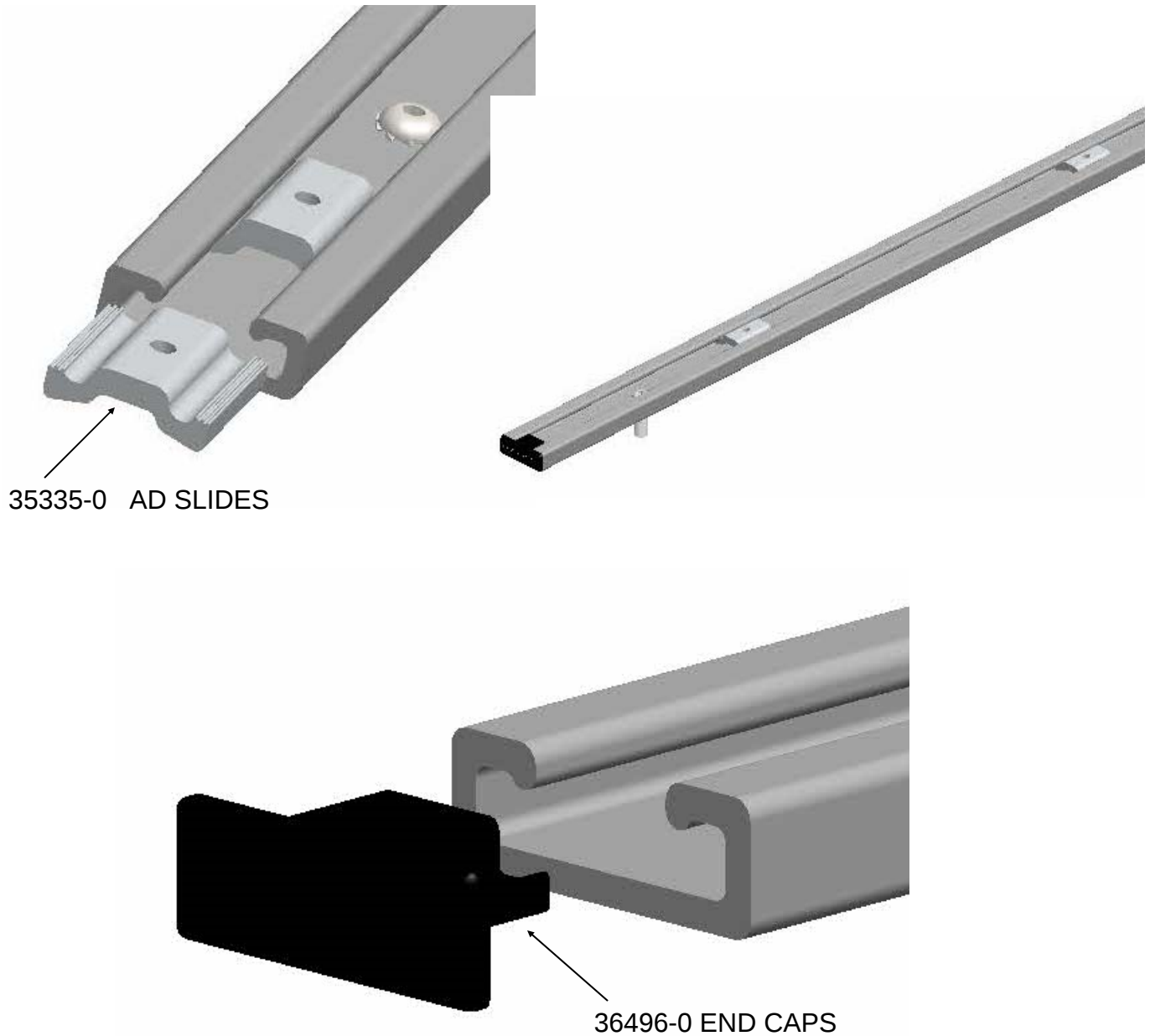
FASTENERS NEEDED TO COMPLETE RAIL INSTALL:

EVERY LOCATION GETS

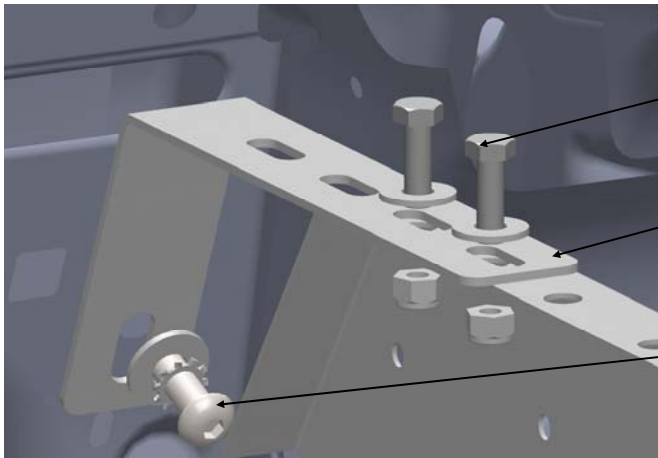
- (1) FAS0048 BUTTON HEAD SCREW 5/16-18 X 2.00"
- (1) FAS0085 WASHER, LOCK, EXT TOOTH 5/16
- (1) 03927-1 SHORT SPACER, OR (1) 03927-2 TALL SPACER (REFER BELOW FOR CORRECT SPACER PLACEMENT)



PLACE TWO SLIDES 35335-0 INTO 38" RAIL; PLACE FOUR SLIDES IN 70" RAILS
ATTACH END CAP 36496-0 ON EACH END OF RAILS.



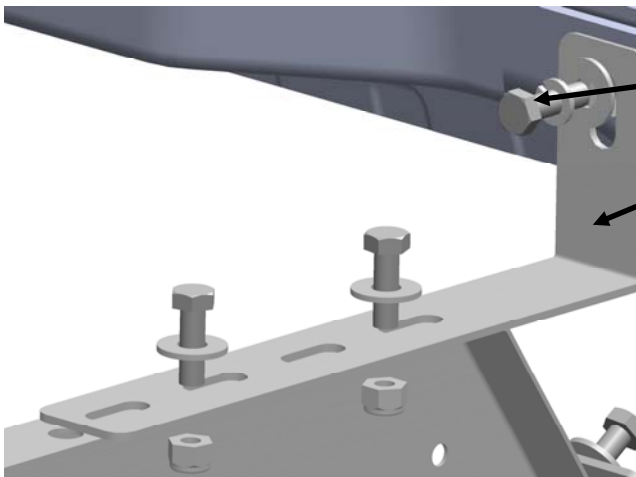
ATTACH END PANEL BRACKETS AS SHOWN BELOW



- (2)FAS0119 5/16-18 X 1.00 SCREW
- (2)FAS0112 5/16 FLAT WASHER
- (2)FAS0090 5/16-18 LOCK NUT

44355-G REAR MTG BRKT.

- (1)FAS0728 10mmX1.5X30mm SCREW
- (1)FAS0105 3/8 LOCK WASHER
- (1)FAS0104 3/8 FLAT WASHER

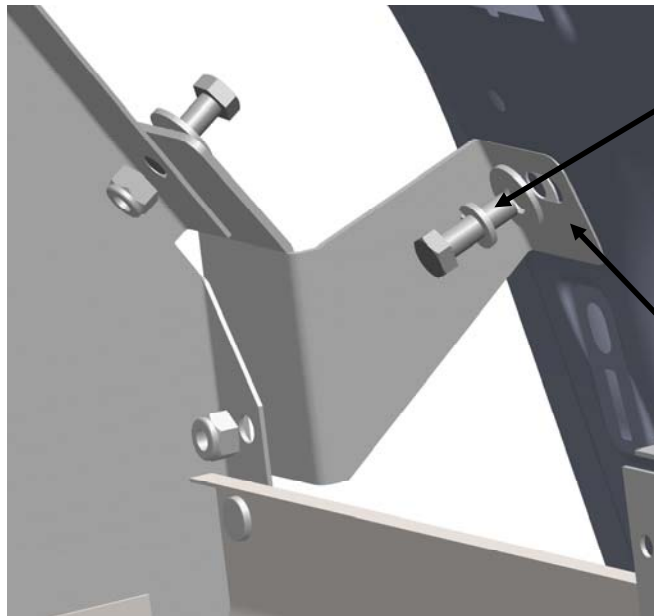


- (3)FAS0119 5/16-18 X 1.00 SCREW
- (3)FAS0112 5/16 FLAT WASHER
- (3)FAS0090 5/16-18 LOCK NUT

46945-G FRONT MTG BRKT.

ATTACH END PANEL WITH BRACKETS. BRACKETS WILL BE MOUNTED WITH PLUSNUTS.

USE THE BRACKETS TO MARK LOCATIONS FOR PLUSNUTS.



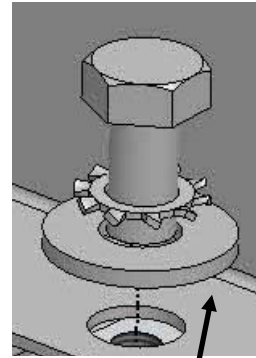
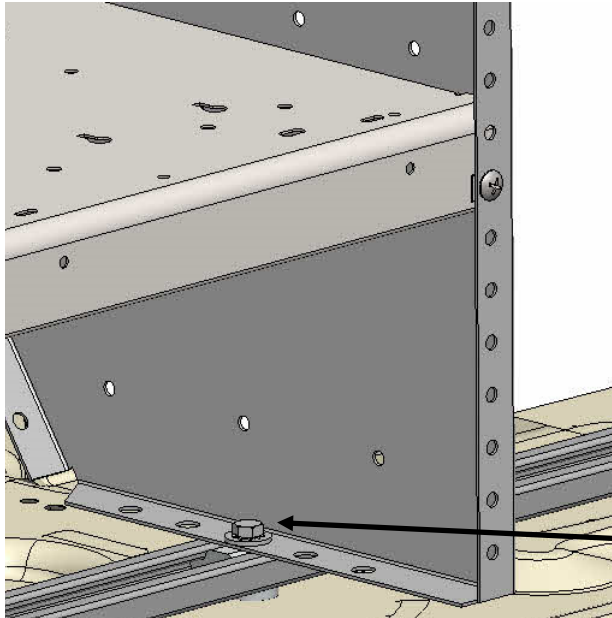
(3)FAS0119 5/16-18 X 1.00 SCREW
(3)FAS0112 5/16 FLAT WASHER
(3)FAS0090 5/16-18 LOCK NUT

46946-G FRONT CORNER BRKT. CS
OR
46947-G FRONT CORNER BRKT. SS



(2)FAS0091—5/16 PLUSNUT

****MUST USE DRILL STOP
WHEN DRILLING.**



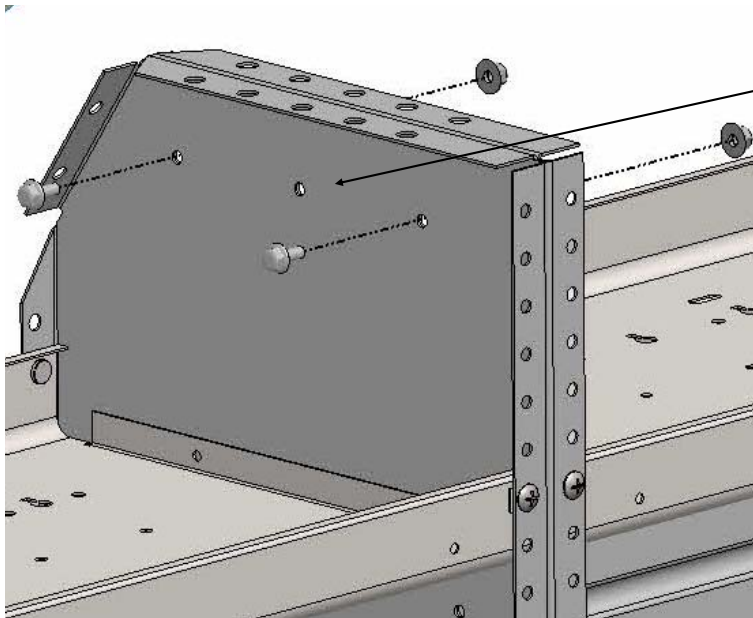
SECURE KD TO RAIL USING
(1) FAS0165 5/16-18 X .62 SCREW
(1) FAS0085 5/16 LOCK WASHER
(1) FAS0086 5/16 FLAT WASHER
(1) 35335-0 SLIDE
(REPEAT FOR EACH END PANEL)

ONCE KD IS IN PROPER POSITION. TIGHTEN ALL FASTENERS

**YOUR INSTALLATION IS NOW COMPLETE
IF ONLY INSTALLING (1) KD PER SIDE**

**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**

**RKDTC14 70" RAIL KIT.
WHEN INSTALLING FRONT KD ATTACH AS SHOWN BELOW**



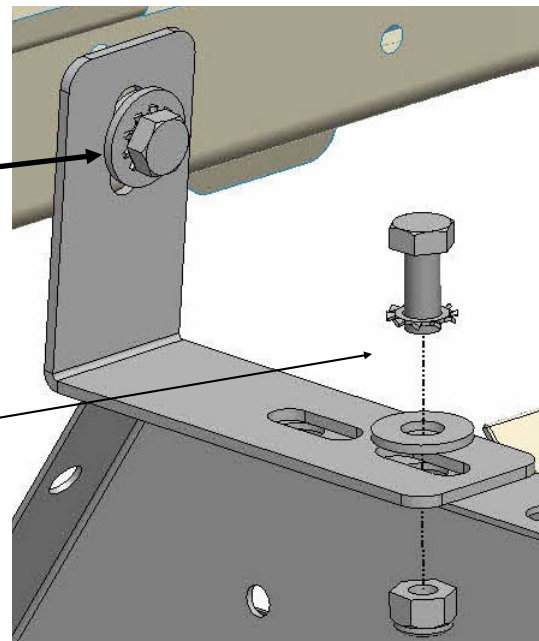
- (2) FAS 0018 1/4-20 SCREW
- (2) FAS0055 1/4-20 LOCK NUT

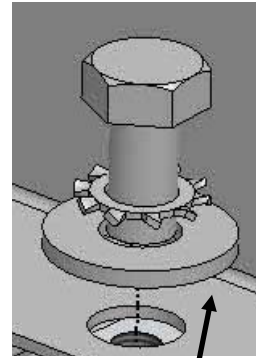
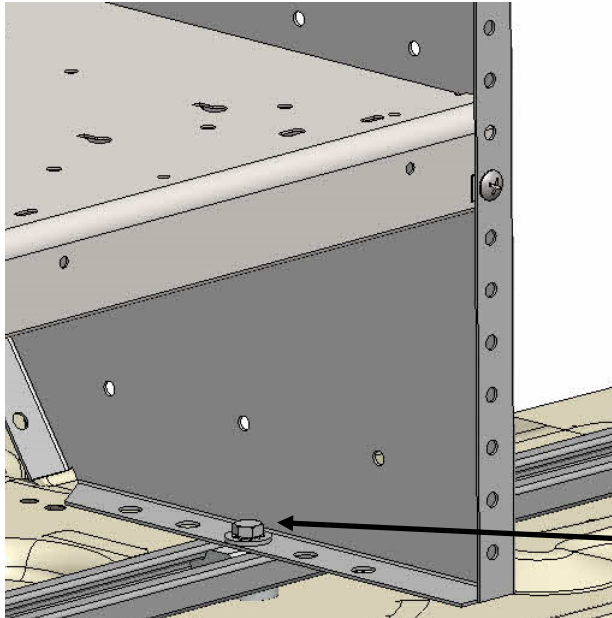
ATTACH END PANEL WITH BRACKET. BRACKET WILL BE MOUNTED WITH PLUSNUT.

USE THE BRACKET TO MARK LOCATION FOR PLUSNUT.

- (1)FAS0081 5/16-18 SCREW
- (1)FAS0085 5/16 LOCK WASHER
- (1)FAS0086 5/16 FLAT WASHER
- (1) FAS0091 5/16 PLUSNUT

- (1)FAS0081 5/16-18 SCREW
- (1)FAS0086 5/16 FLAT WASHER
- (1)FAS0090 5/16-18 LOCK NUT



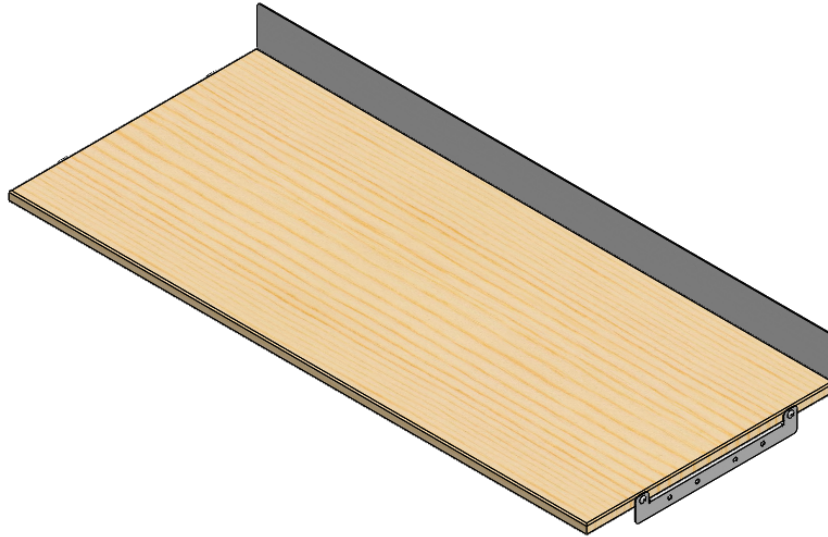


SECURE KD TO RAIL USING
(1) FAS0165 5/16-18 X .62 SCREW
(1) FAS0085 5/16 LOCK WASHER
(1) FAS0086 5/16 FLAT WASHER
(1) 35335-0 SLIDE
(REPEAT FOR EACH END PANEL)

ONCE KD IS IN PROPER POSITION. TIGHTEN ALL FASTENERS

**YOUR INSTALLATION IS NOW COMPLETE
IF INSTALLING (2) KDS PER SIDE**

**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**



PRODUCT WEIGHT

11 lbs

WIDTH x DEPTH x HEIGHT

42" X 18" X 3 5/8"

CAPACITY

N/A

COLOR

BALTIC BIRCH / GRAY

CATALOG NUMBER

60105

PRODUCT FEATURES

This Workbench top is designed to mount atop any 12X42 module arrangement and/or framework of KD parts

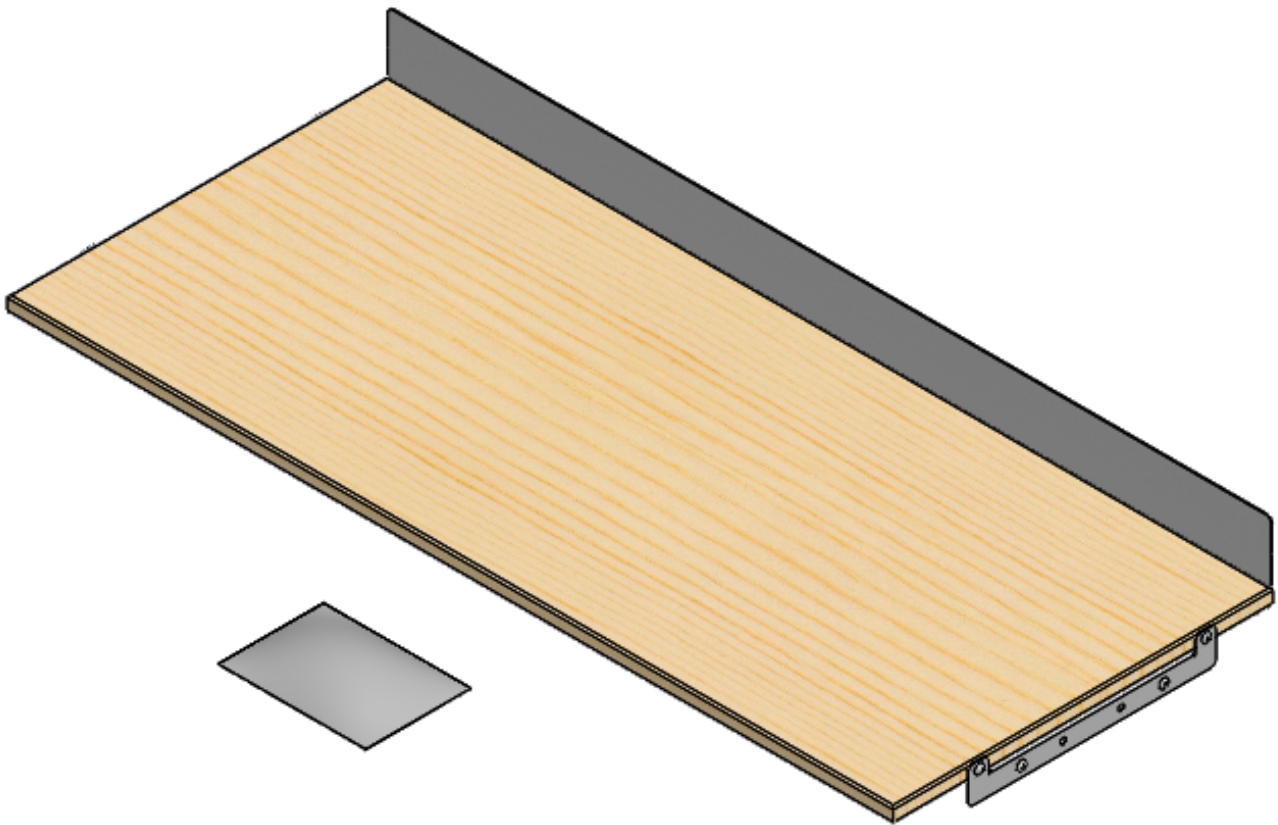
Some drilling may be required.



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

Assembly/Installation Instructions and Owners Manual



60105 **WORKBENCH TOP 18" x 42"**

- 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

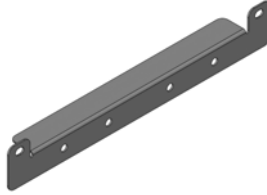
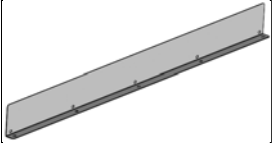


SCREWDRIVERS

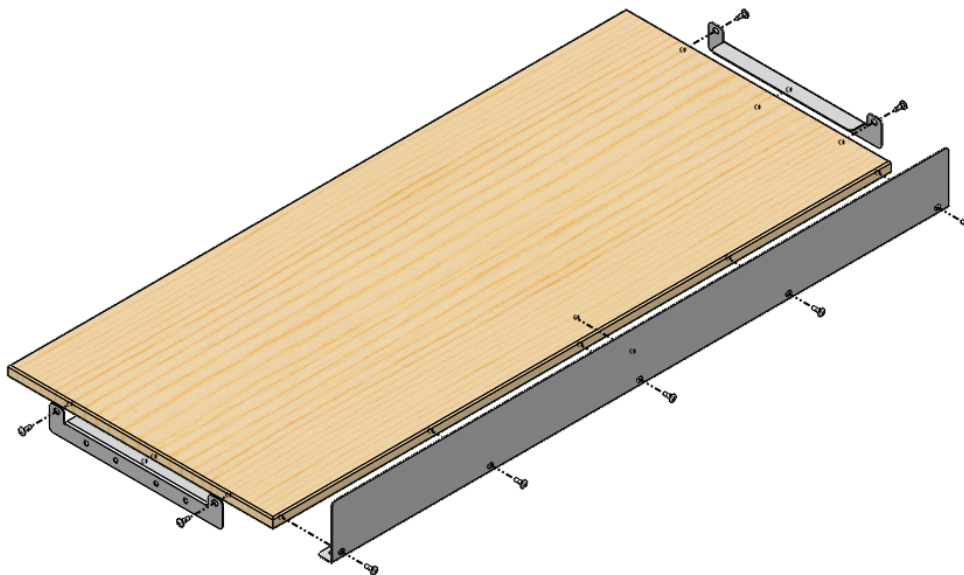


MEASURING TAPE

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

PARTS YOU WILL USE FOR STEP 01	FAS0691, SCREW, THP T(13) REQUIRED	PHILLIPS HEAD DRILL	60102-G, WORKBENCH SIDE BRACKET, GRAY	60100-G, WORKBENCH BACK RAIL, GRAY
				
	60101, RUSSIAN BIRCH 18 X 42			
				

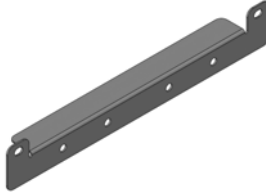
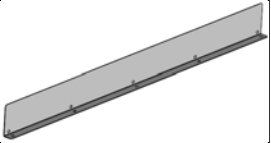
Instructions for Step 01



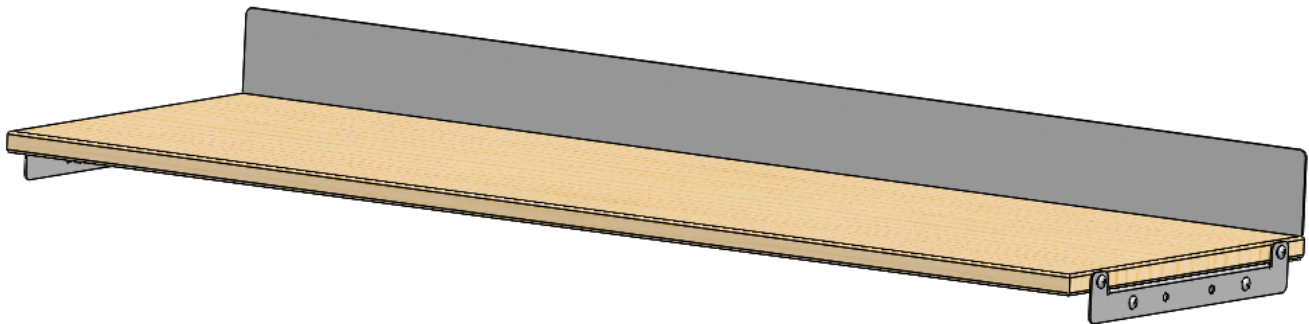
Install 60100-G back rail to 60101 Russian Birch using FAS0691 (x5).

Install 60102-G side bracket to each end of 60101 Russian Birch; Install side brackets based upon desired lip length.

There should be four (4) FAS0691 Screw, THP TEK left over in which you may use to install workbench top to supporting structure.

PARTS YOU WILL USE FOR STEP 01	FAS0691, SCREW, THP T(13) REQUIRED 	PHILLIPS HEAD DRILL 	60102-G, WORKBENCH SIDE BRACKET, GRAY 	60100-G, WORKBENCH BACK RAIL, GRAY 
	60101, RUSSIAN BIRCH 18 X 42 			

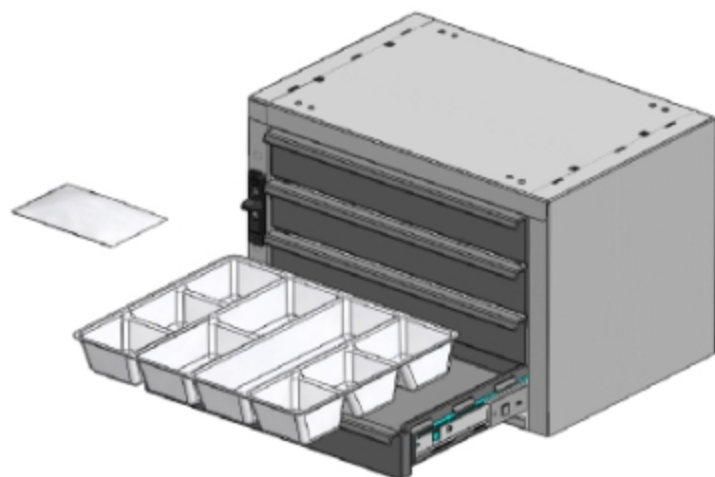
INSTALLATION COMPLETE



**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

9, 4-DRAWER SHALLOW

*PRODUCT WEIGHT***27.7 lbs.***WIDTH x DEPTH x HEIGHT***18 x 12 x 12***CAPACITY***15 LBS. PER DRAWER***COLOR***GRAY***CATALOG NUMBER***9***PRODUCT FEATURES*

The drawer unit body is a sturdy welded and painted steel housing. The housing has ¼-20 riv-nuts installed into the base of the unit for easy installation. Also included are pre-drilled mounting holes in the top of the cabinet to allow for quick and easy stacking of the units. The number 9 drawer unit includes four (4) polymer drawers that ride on full extension ball bearing glides. The drawers have an inside dimension of 13.50" wide X 2.0" tall X 11.50" deep. The drawers include a removable divider tray for storing smaller parts. Each cabinet includes a sliding latch/lock system designed to secure the drawers during vehicle movement. A cam lock allows for securing your inventory for more security.

PRODUCT APPLICATION

This product is designed to be used in and/or on ADRIAN STEEL shelving units and can also be used as a standalone product. The product is great for small parts and supplies storage.

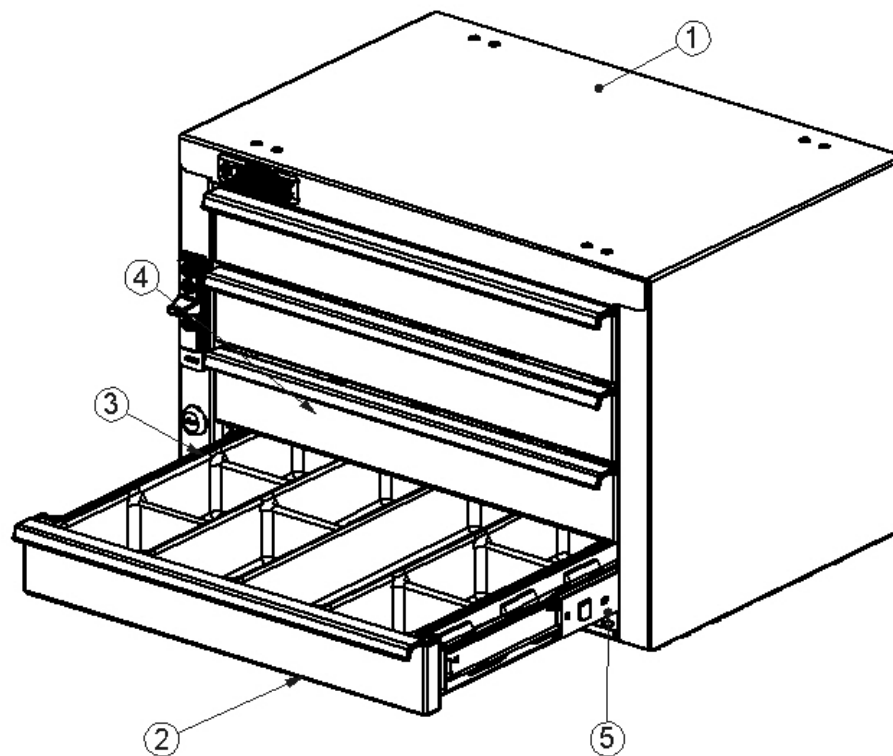
Introduction / Comments:

The drawer unit body is a sturdy welded and painted steel housing. 4 polymer drawers ride on ball bearing glides. The drawer include a removable divider tray for storing small items. Each cabinet includes a sliding latch/lock system designed to secure the drawers during vehicle movement.

Note:

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Product gives you long service life.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	39197-G	WRAPPER BODY ASSM	1
2	40015	DRAWER SUB ASSY. #9/919	4
3	26105-0	Divider Tray 9/919	4
4	40827-LH	250MM SLIDE, CABINET HALF, LH	4
5	40287-RH	250MM SLIDE, CABINET HALF, RH	4
6	BAG00001-0	FASTENER BAG 9,19,919	1



9
4 DRAWER UNIT

- 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 INSTALLATION HOLES!
ADRIAN AVAILABLE PART #'S 31119-0 (3/8" X 1/2"
DEEP), 31121-0 (1/2" x 1/2" DEEP)



- IMPORTANT WARRANTY REQUIREMENTS -

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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



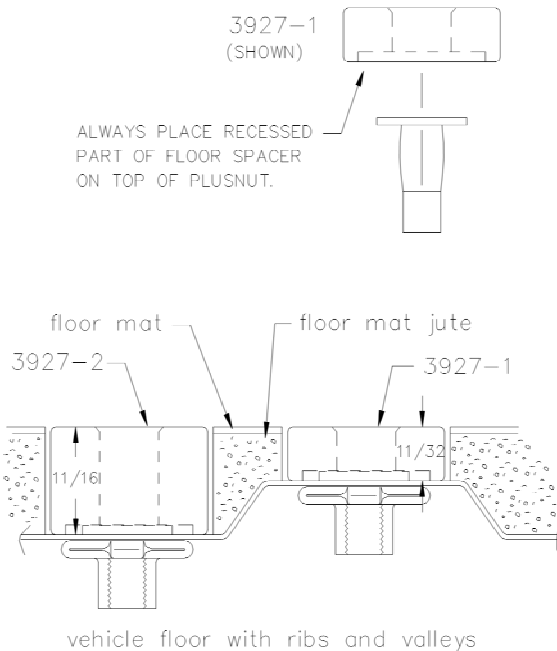
MEASURING TAPE

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.



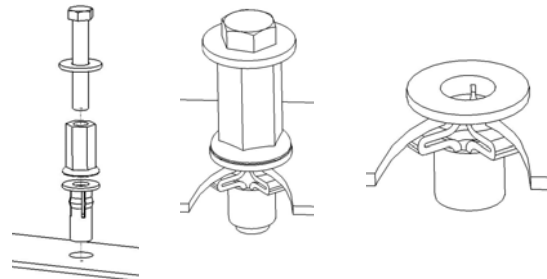
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION . PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

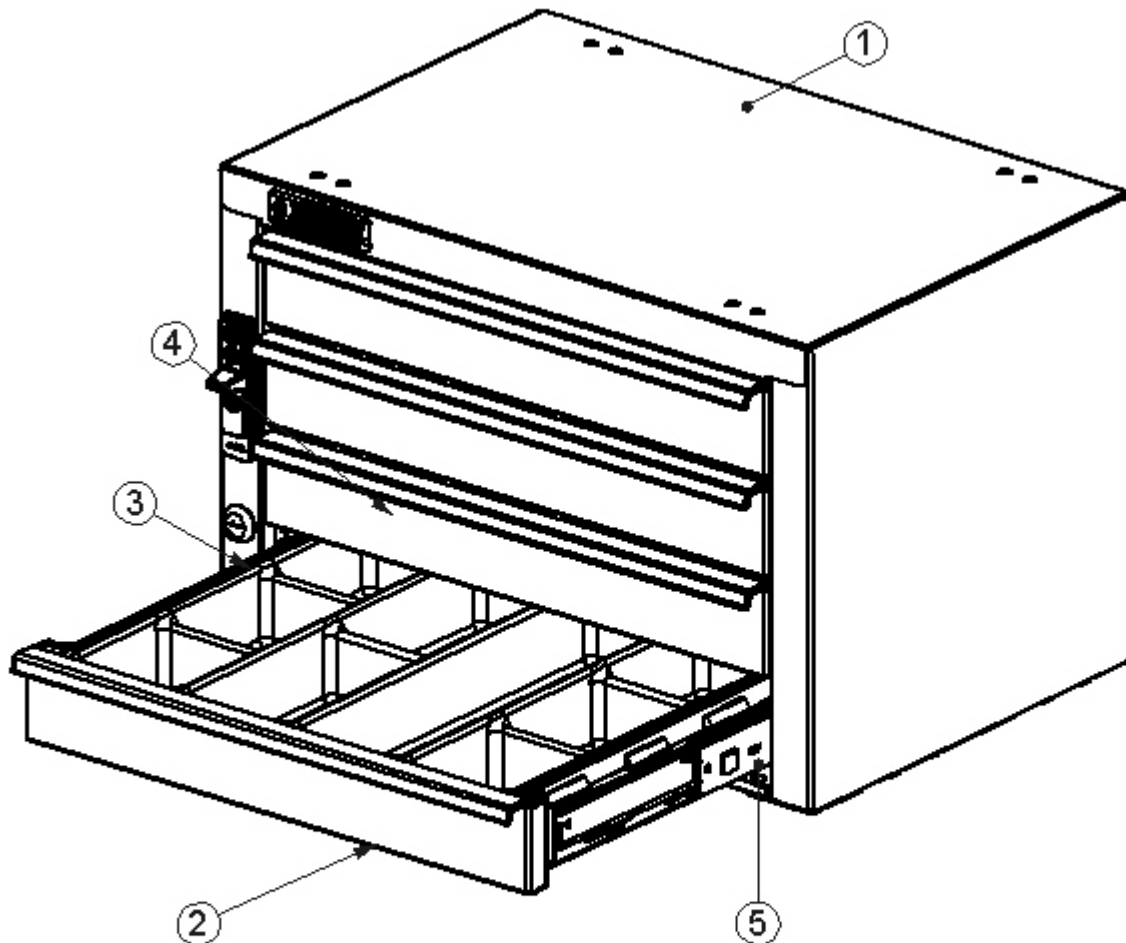
5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop

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



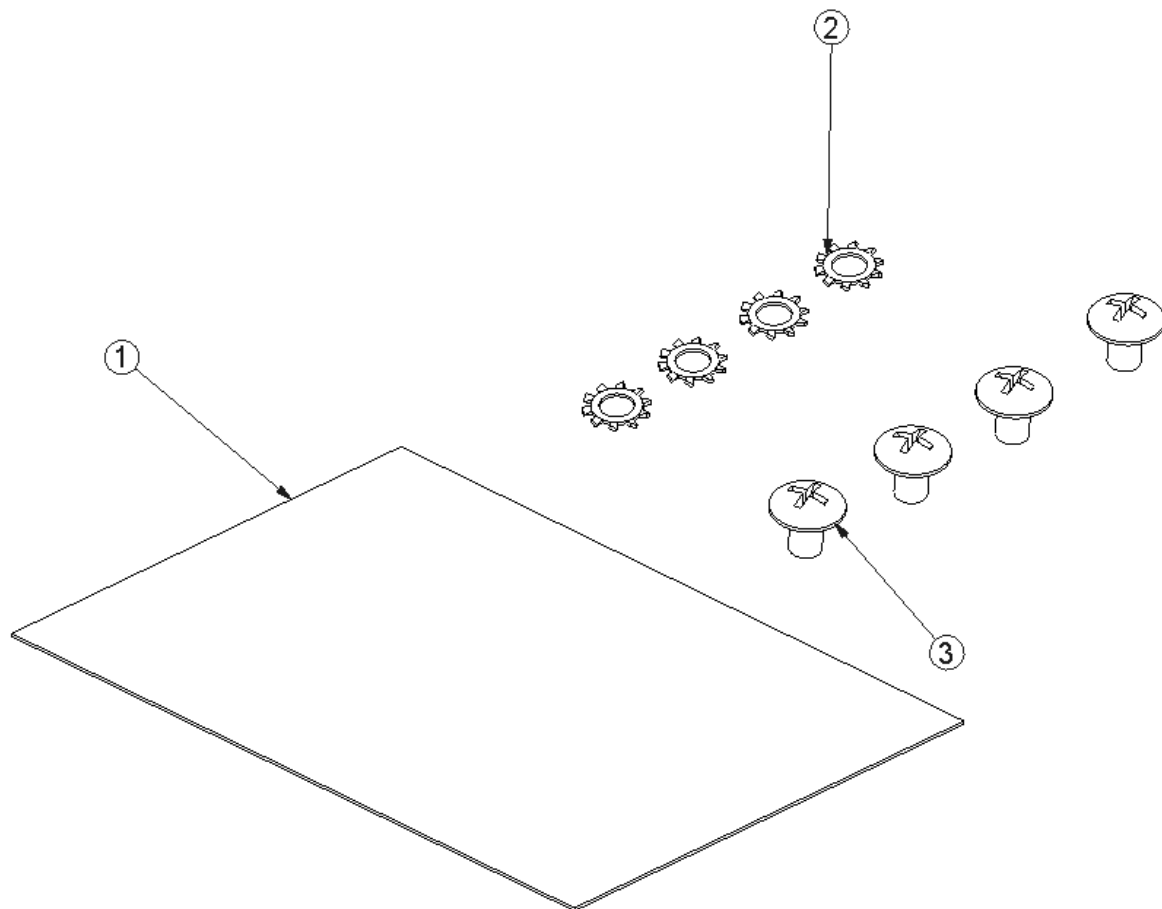
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).

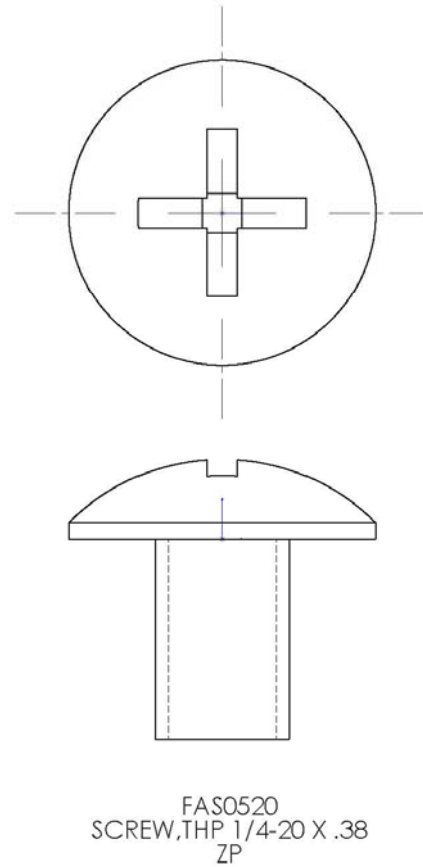
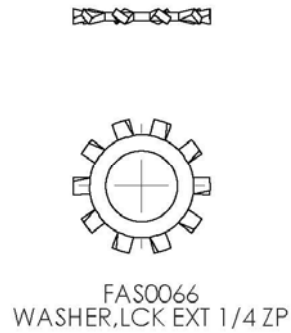


INSERT FOUR (4) 40287-LH AND FOUR (4) 40287-RH SLIDES INTO CABINET BODY. INSERT FOUR(4) 40015 DRAWERS INTO CABINET BODY. INSERT A TOTAL OF FOUR (4) 26105-0 DIVIDER TRAYS INTO UNIT. INSERT ONE (1) DIVIDER TRAY UPSIDE DOWN INTO TOP DRAWER AND RIGHT SIDE UP INTO THE REMAINING THREE (3) DRAWERS. PLACE BAG00001-0 INTO THE SECOND DRAWER TRAY. TAPE THE LOCK KEYS INTO THE FRONT RIGHT HAND TRAY POCKET AND CLOSE THE DRAWERS.

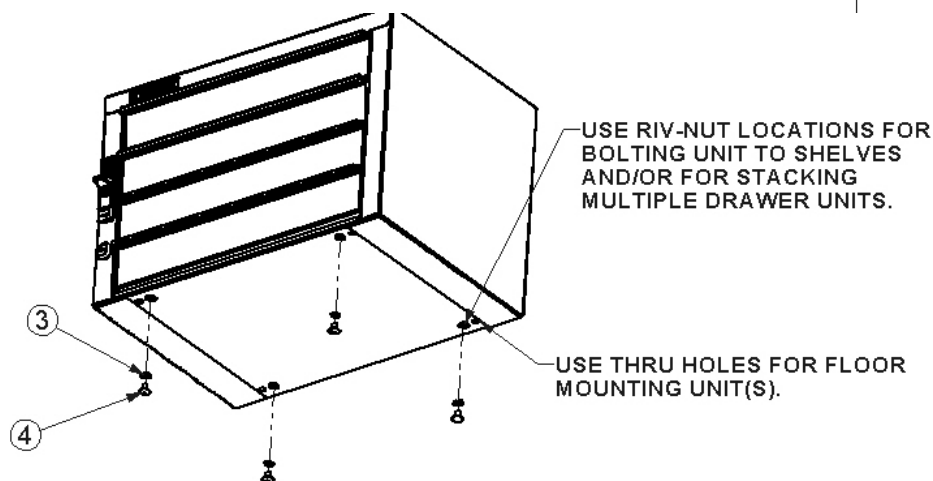
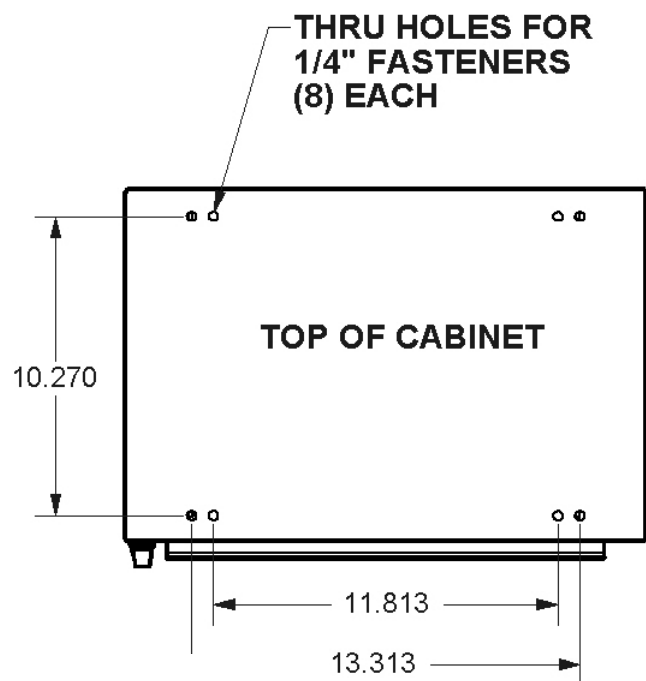
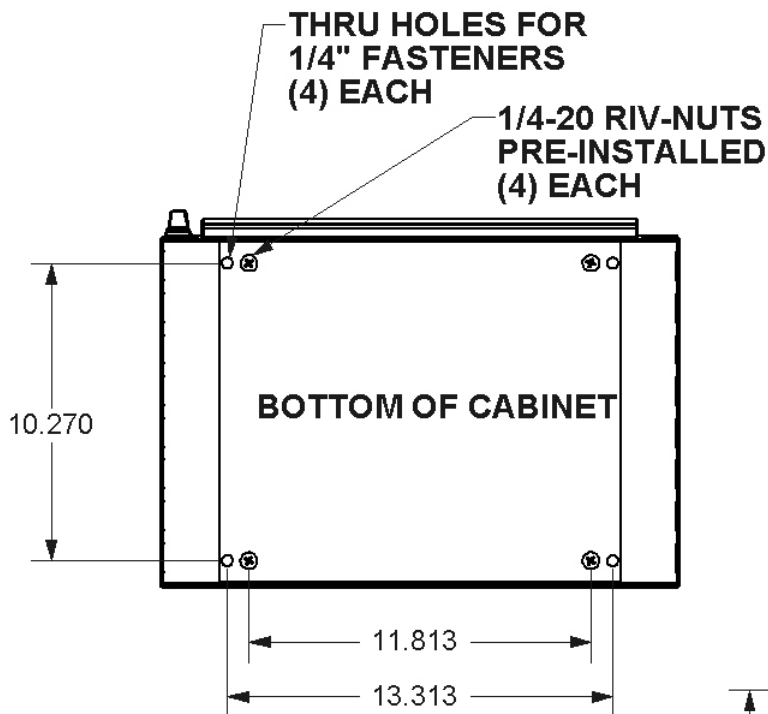
ITEM NO.	PART NUMBER	DESCRIPTION	BAG00001-0/QTY.
1	BAG0505-A	5" x 5" 3MIL AUTOBAG	1
2	FAS 0066	Washer, Lock, Ext. Tooth, 1/4	4
3	FAS0520	Screw, Truss Hd. Ph, 1/4-20x .375" lg	4

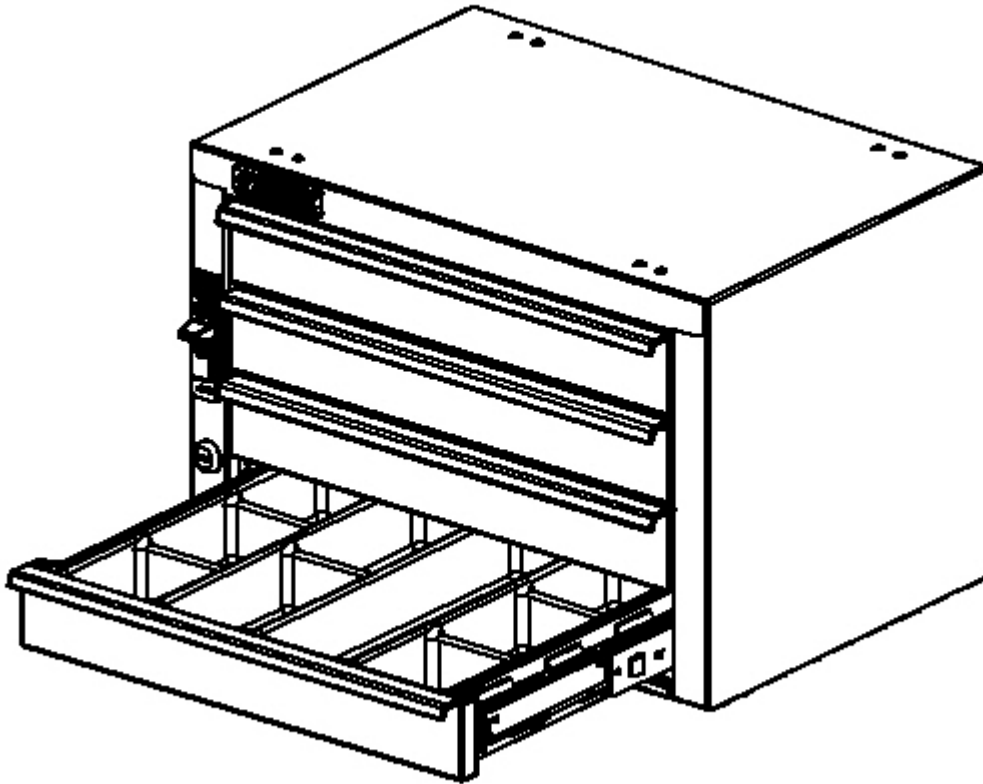


Individual Fastener Images & Descriptions



Step 01 Methods of Attachment





**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**