

<u>ITEM</u>	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

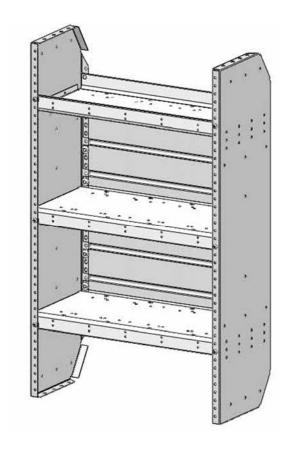
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THE MATERIAL/CONCEPTS/DESIGNSCONTAINED WITHIN THIS DOCUMENT ARE FOR THE PURPOSE OF SUPPLYING PRODUCT TO POTENTIAL ADRIAN STEEL COMPANY CUSTOMERS.

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



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



PRODUCT WEIGHT 50 LBS

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

CAPACITY50 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.

PAGE 1 of 2



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,

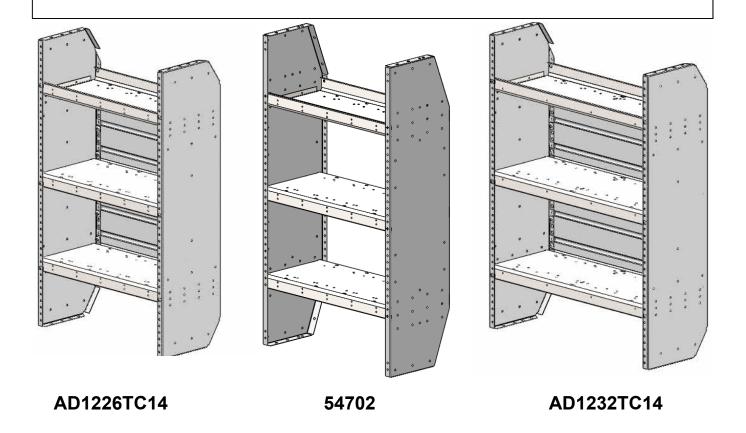
(2)AD1232TC14 units per side using Rail Kit RKDTC14.

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.



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

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- 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
DRILLINGTO 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!



- 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

RATCHET, SOCKETS AND/OR WRENCHES

VERS MEASURING TAPE

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

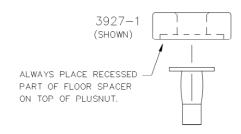
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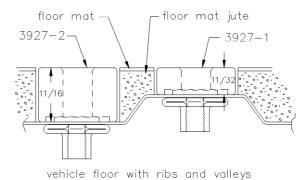


If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once your are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select 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.

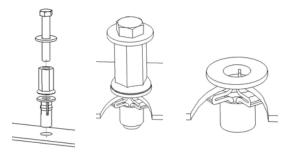




A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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



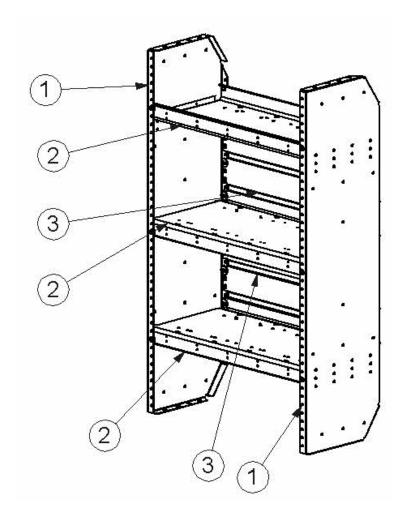
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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

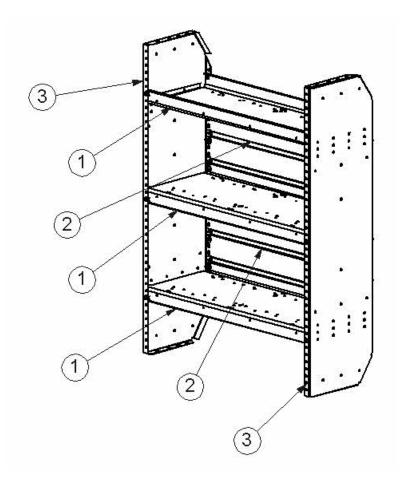
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP1244TC14	12X44 END PANEL, TC, 2014	2
2	44367-G	12x26 PAINTED SHELF ASS'Y	3
3	38755-G	BACK PANEL 26", PAINTED	2





AD1232TC14

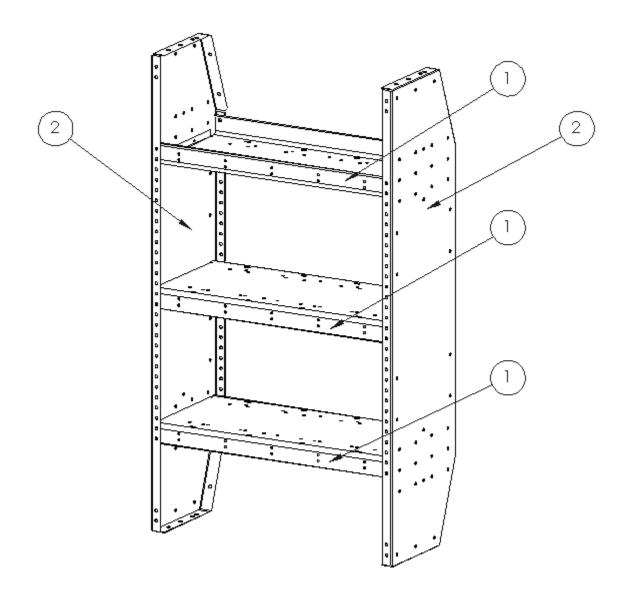
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	44369-G	12x32 PAINTED SHELF ASS'Y	3
2	35318-G	BACK PANEL 32",PAINTED	2
3	EP1244TC14	12X44 END PANEL, TC, 2014	2





54702

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	44367-G	12×26 PAINTED SHELF ASS'Y	3
2	EP1246NV2	12X46 END PANEL, NV200	2

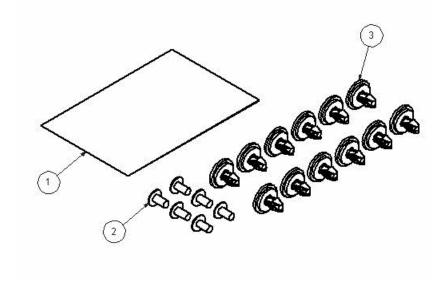


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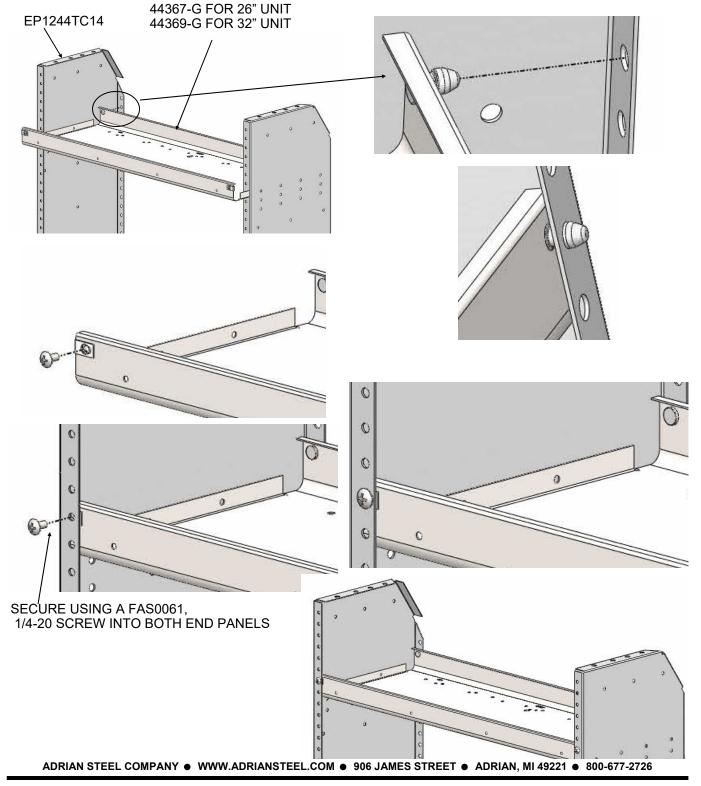
BAGADXXFP FASTENER BAG

ITEM NO.	PART NUMBER	DESCRIPTION	BAGADXXFP/QTY.
11	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



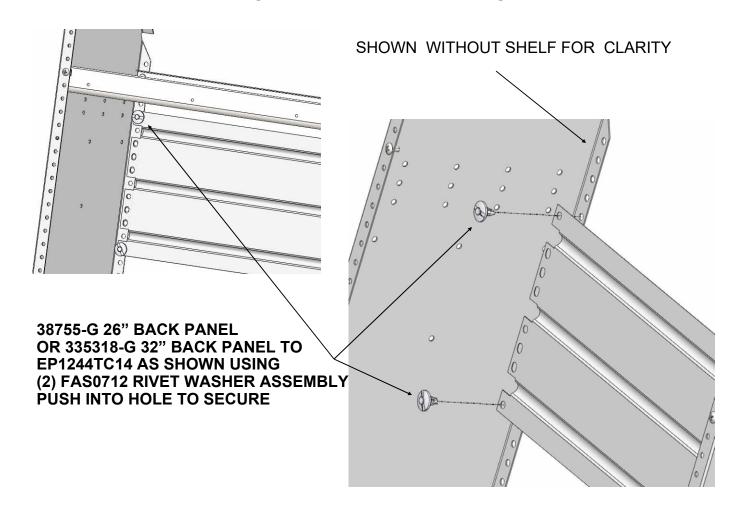


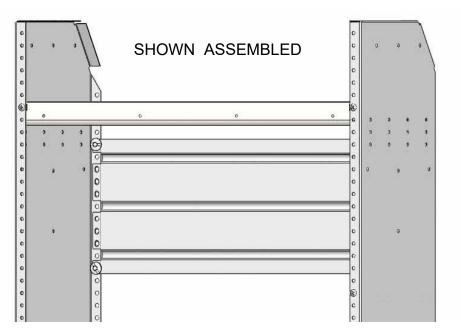
STEP 1 FOR AD1226TC14 ASSEMBLE 44367-G 12X26 SHELF TO EP1244TC14 END PANELS FOR AD1232TC14 ASSEMBLE 44369-G 12X32 SHELF TO EP1244TC14 END PANELS TOP SHELF SHOWN LIP UP





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



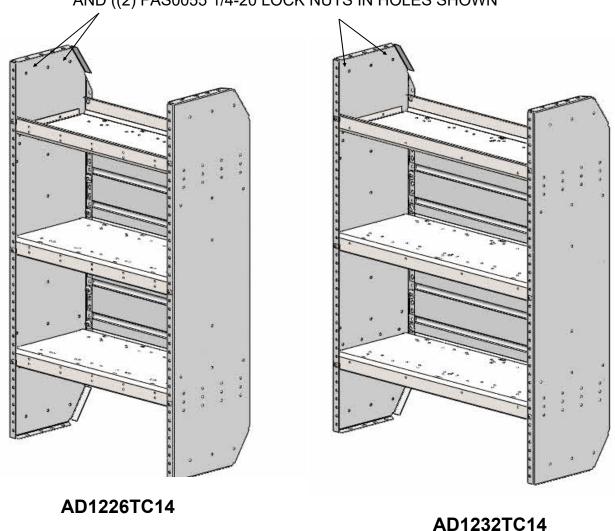


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STEP 3 ASSEMBLE OTHER TWO SHELVES AND REMAINING BACK PANEL EACH UNIT HAS 3 SHELVES AND 2 BACK PANELS. SHELVES AND BACK PANELS ARE ADJUSTABLE TO SUIT CUSTOMERS NEEDS.

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

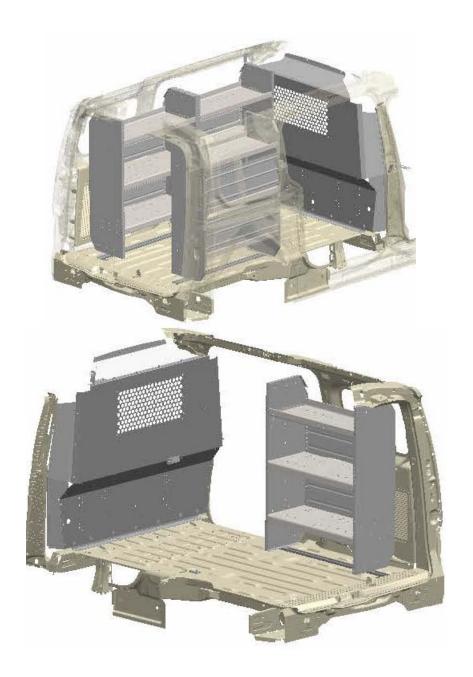


DOUBLE CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL FASTENERS ARE TIGHTENED TO SPECIFICATIONS. YOUR INSTALLATION IS NOW COMPLETE! STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!



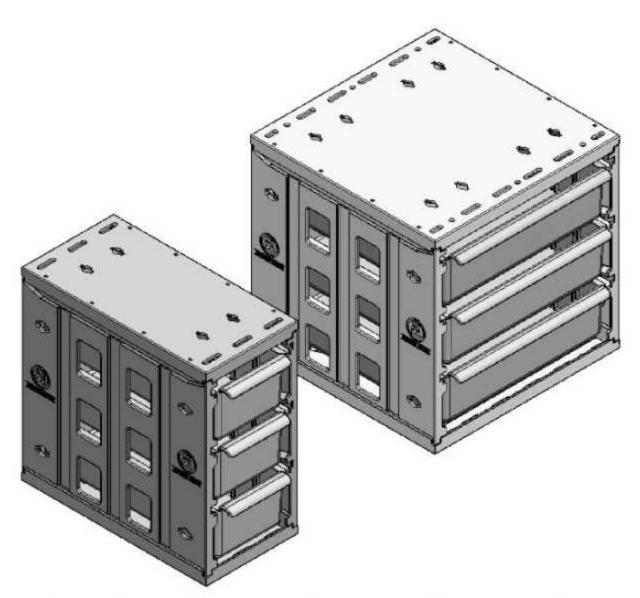
YOUR INSTALLATION IS NOW COMPLETE

For Installation into Transit Connect. See 46482 Rail Kit Instructions



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





DC6 DC12 DS06212V DS06312H DS36012H DS46012
DRAWER COMPONETS AND DRAWER SYSTEMS



- PRECAUTIONS -



CAUTION A
THE USE AIR IMPACT TOOLS CAN
OVER-TORQUE FASTENERS AND
CAUSE FASTENER FAILURE!





ALL INSTALLATION HOLES SHOULD BE SEALED WITH SILICON OR BUTYL SEALANT TO PREVENT EXHAUST FUMES FROM ENTERING THE VEHICLE!





INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO DRILLINGTO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!





CAUTION (1)
TO AVOID DAMAGING THE VEHICLE ALWAYS
USE DRILL STOPS WHEN DRILLING ANY INSTALLATION HOLES!



IMPORTANT WARRANTY REQUIREMENTS -

- SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION
 WILL VOID YOUR PRODUCT WARRANTY.
- 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.
- 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

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!

DRILL BIT SIZE	
USE A 3/8" DIAMETER DRILL BIT WITH A STOP.	
USE A 1/2" DIAMETER DRILL BIT WITH A STOI	

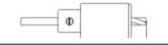


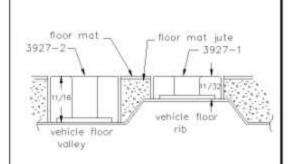


AND IS NOT SUPPLIED WITH THIS KIT. ORDER PLUSNUT TOOLS FROM ADRIAN STEEL (P.N. 22200-0)OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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.





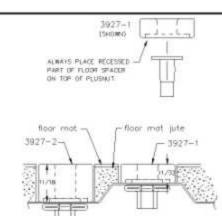
Step

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 your 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 asside for use later into the installation process.

Once you have prepared the carpet/floor mat for



whicle fluor with ribs and valleys

Step

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.

Prepare Mounting Locations

Step

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

FASO067 WASHER, FLAT, 1/4'1D

22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091) FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8

FASO086 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.

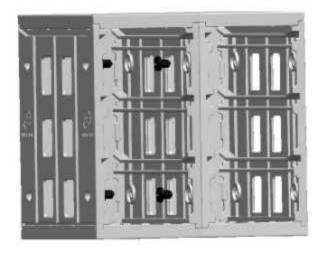
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PARTS YOU WILL	DC6, 6"WIDE NUMBER WILL VARY PER DRAWER SYSTEM	DC12, 12' WIDE NUMBER WILL VARY PER DRAWER SYSTEM	31154-0, CAM SREW DC (4) REQUIRED PER 2 DC UNITS	
USE FOR				
STEP	41		1	
04				

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.

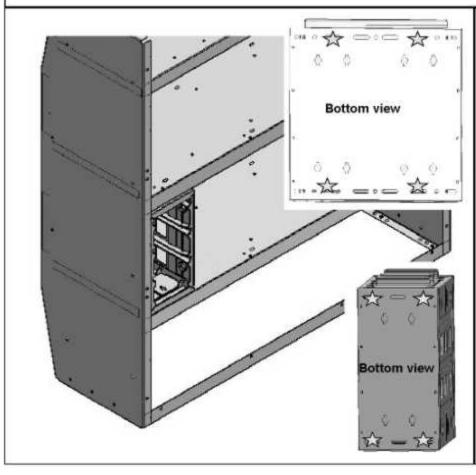
Repeat until all units are assembled together.

Do not replace drawers at this time



PARTS YOU WILL USE FOR	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	
STEP		9	9	
05				

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

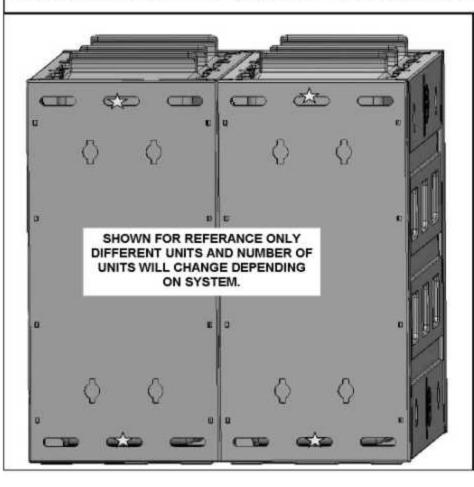
Reposition unit on shelf

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	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	
STEP	1	0	9	
06				

Instructions for Step $\bf 06$ 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.

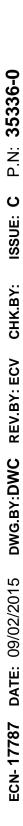
Clean up debris

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

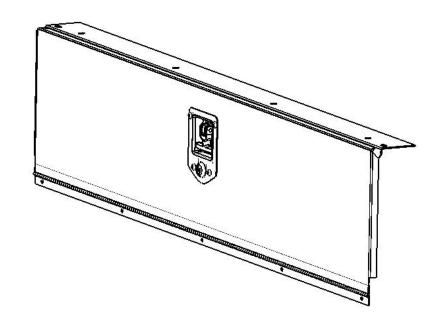
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"AD-Series" Shelving Door Kits Installation Instructions

DK3008, DK3010, DK4808, DK4810



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P.N. 35336-0 Revision C Page No. 1 of 8



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 ENVIROMENT!



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

3/8" OPEN END WRENCH TORQUE WRENCH with /3/8" 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!

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STEP - 01A

T-Handle Latch Installation on Door Panel Weldment Assembly



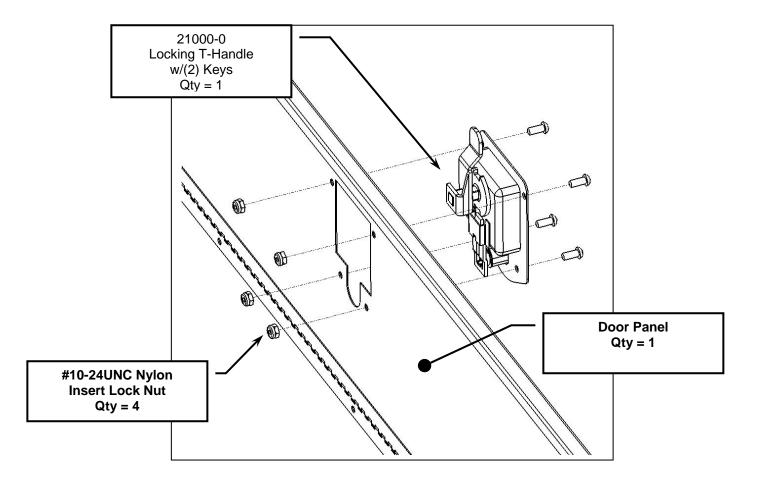
21000-0

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.



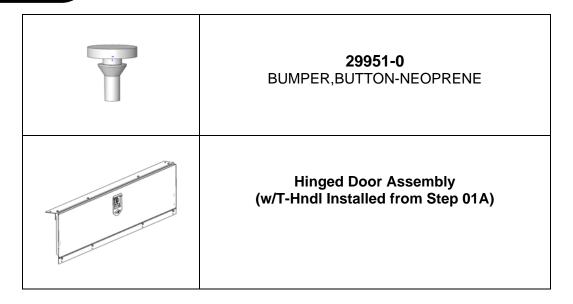
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P.N. 35336-0 Revision C Page No. 3 of 8

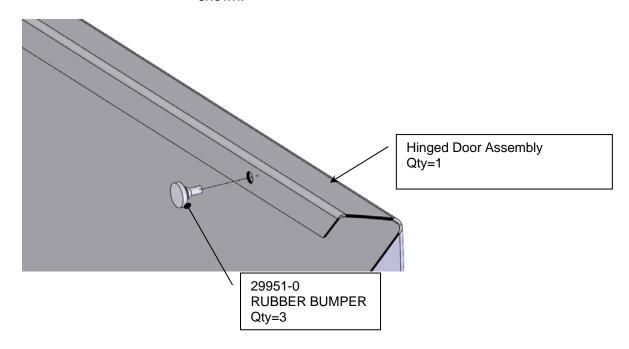


STEP - 01B

Rubber Bumper Installation on Door Panel Assembly



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



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P.N. 35336-0 Revision C Page No. 4 of 8



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 SHELVING 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.

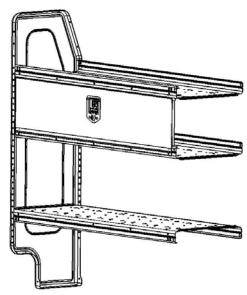


Figure 2a
DK3008, Dk4808 shown in upper position with the lower shelf orientated to fit misc. modular components.
(9/19/919/DC6/DC12)

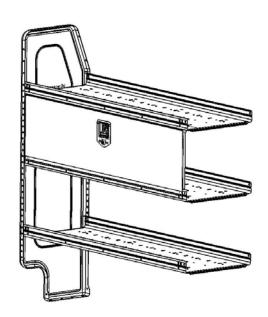


Figure 2b
DK3010, DK4810 shown in upper position with the lower shelf orientated to fit a second DK3010, DK4810 Door Kit.

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.

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P.N. 35336-0 Revision C Page No. 5 of 8



Door Assembly Installation into (AD Series Shelving Units) continued



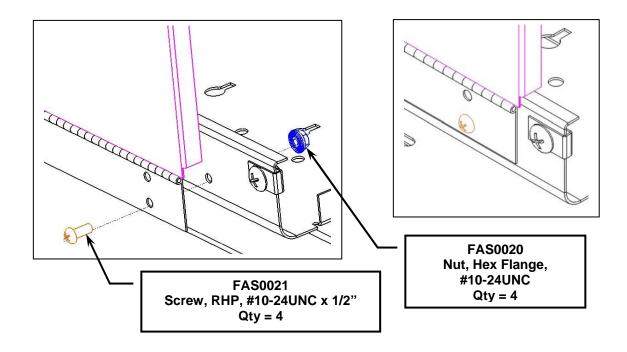
#10-24UNC Qty = 4 24 in-lbs +/- 3 in-lbs



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.



Center Door and Torque Fasteners as Required.

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Door Stop to Shelf Installation



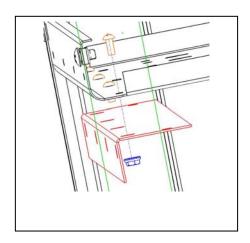
FAS0020 Nut, Hex Flange, #10-24UNC Qty = 4 24 in-lbs +/- 3 in-lbs

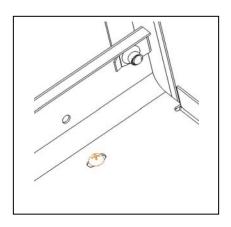


FAS0021 Screw, RHP, #10-24UNC x 1/2" Qty = 4 24 in-lbs +/- 3 in-lbs

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.

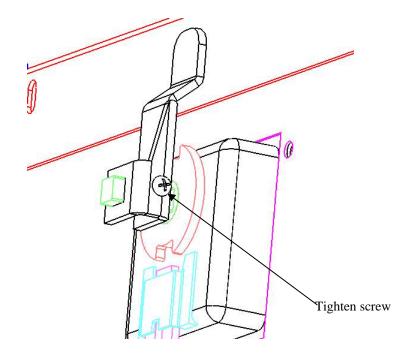
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T-Handle Latch Pawl Adjustment

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.





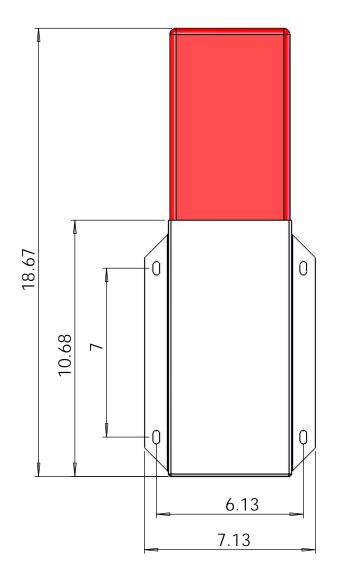
DOUBLE-CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL FASTENERS ARE TIGHTENED TO SPECIFICATIONS!



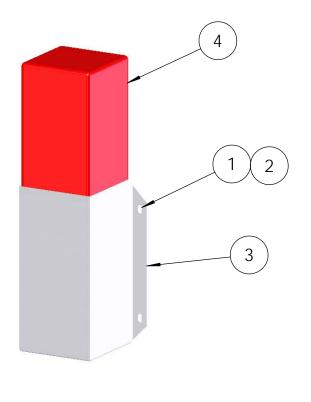
YOUR INSTALLATION IS NOW COMPLETE! STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERANCE!

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P.N. 35336-0 Revision C Page No. 8 of 8



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.



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

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

PURCHASED COMPONENT **KEY FEATURES**

DESCRIPTION OF REQUIREMENTS

DIMENSIONAL REQUIREMENTS (AS SHOWN ON DRAWING)

LOAD/RATING REQUIREMENT

MATERIAL REQUIREMENT

N/A

PACKAGING REQUIREMENT

N/A

OTHER REQUIREMENTS

Includes vehicle mounting bracket





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TOLERANCES & INSPECTION **RELEASE & REVISIONS** UNLESS OTHERWISE SPECIFIED 7165 INITIAL ECN: ALL BEND ANGLES ARE 90 DEGREES ALL DIMENSIONS ARE IN INCHES. CURRENT ECN: 23033 REFERENCE DIMENSIONS (X.XXX) DO NOT REQUIRE INSPECTION

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

Material Thickness: per ASTM Std. Weld Callouts per AWS

UPDATE MANUFACTURER AND MANUFACTURER PART #

REVISED BY: C.MOHLER

CN DESCRIPTION:

PURCHASED COMPONENT

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 REFERANCE) (NOTE: DIMENSIONS AND FEATURES MAY VARY FOR A COMODITY ITEM.) YES

PRINTED DOCUMENT IS UNCONTROLLED

Sheet 1 of 1

PART / PRODUCT IDENTIFICATION



ADRIAN STEEL COMPANY 906 JAMES STREET, ADRIAN, MI 49221

REVISION LEVEL

MAT'L USED:

DESIGNED BY: BDS

FIRE EXTINGUISHER 1A:10BC 2.5LB

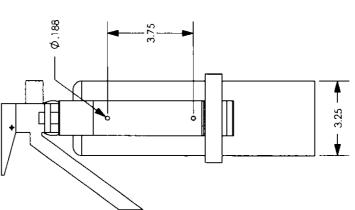
WEIGHT 6

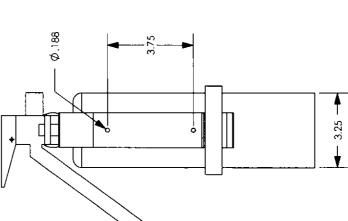
SEGMENT SAF

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.







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THIS DRAWING IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL Co.

RLS	8DS	9xc	, BDS
CHK'D: RLS	6/27/02	CHK:D:	2/9/04
RELEASED	EN-6071	REVISED	EN-7165

Description: REDRAWN IN SOLIDWORKS

222 CHK.D: \$\$\$ 00/00/00 EN-0000 REVISED

Description: TEXT

STANDARD TOLERANCES

UNLESS OTHERWISE NOTED:

 $0.000 = \pm 0.031$ $0.00 = \pm 0.062$ $0.0 = \pm 0.125$

0.0 = ± 1 $0^{\circ} = \pm 2^{\circ}$

015 Material Thickness = per AISI Notches, Stots, Holes = ±

MATERIAL:

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

FINISH

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

	CHECKED BY	DATE: 2/5/04
regul III (III)	DRAWN BY BDS	4
ָם י	DESIGNED BY	SCALE: 1:4

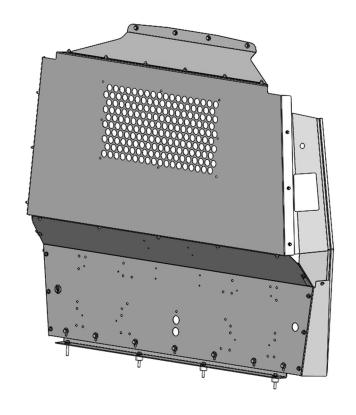
FIRE EXTINGUISHER (2-1/2 LB ABC)

Size A ini Number

SSUE	<u>∢</u>
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	₹
	-
đ	4



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

PAGE 1 of 1

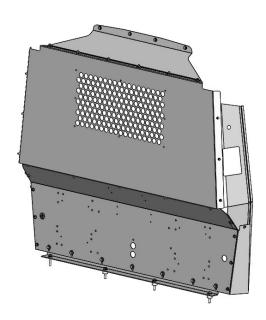


Introduction / Comments:

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.

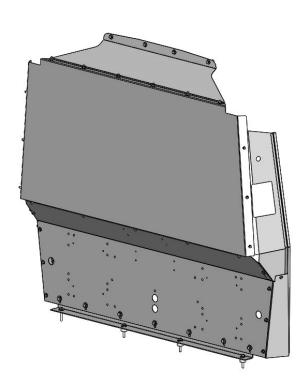
Note:

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

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- 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
DRILLINGTO 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!



- 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

RATCHET, SOCKETS AND/OR WRENCHES

MEASURING TAPE

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

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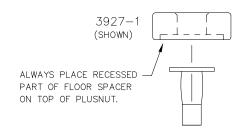


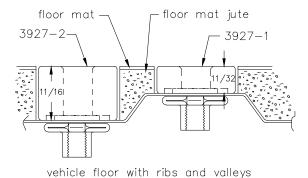
P1TCS14 / P2TCS14, FIXED PARTITION 2014-NEWER TRANSIT CONNECT

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 your 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.

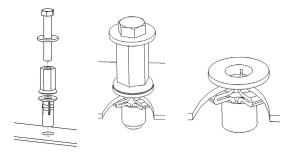




A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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



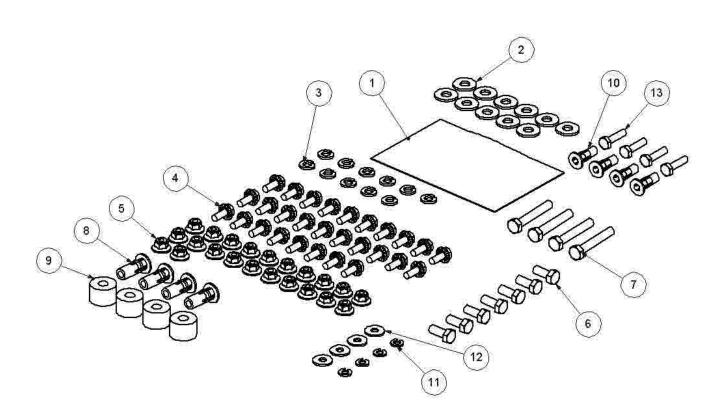
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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	Ť
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

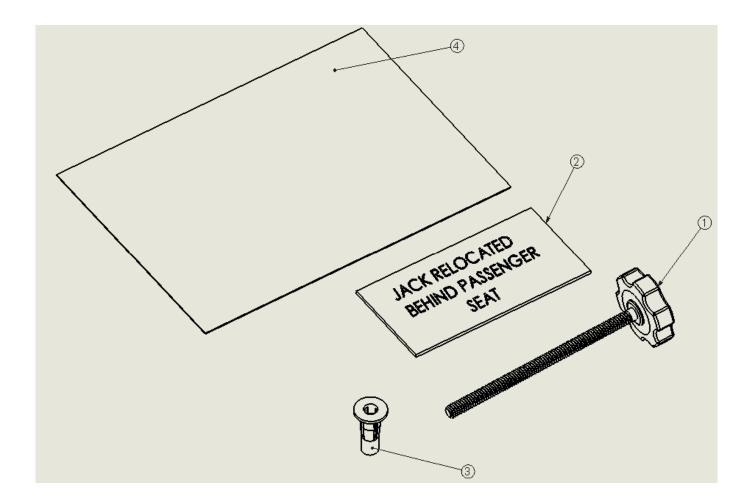


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Assembly and Installation Hardware Identification Sheet (HDW44645)

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







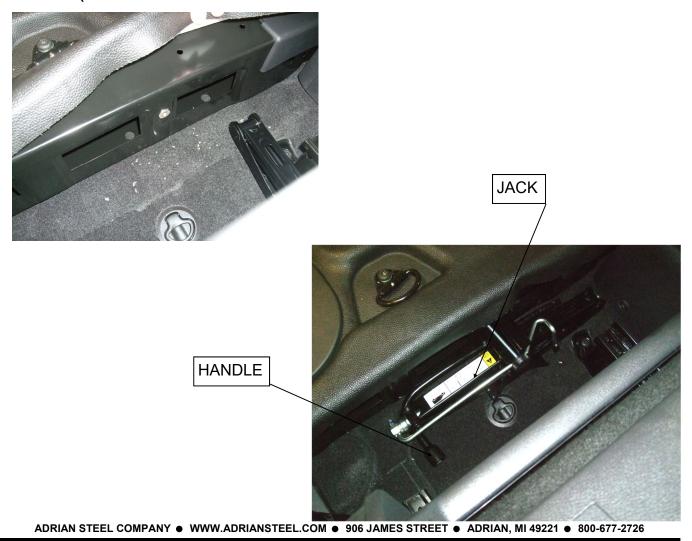
STEP 1B - SET THE JACK BEHING THE PASSENGER SEAT. WHILE THE JACK IS IN THE NEW POSITION USE THE KNOB (42889) TO MARK THE PLUS NUT HOLE AND

DRILL THE HOLE (3/8" DRILL

WITH DRILL STOP).

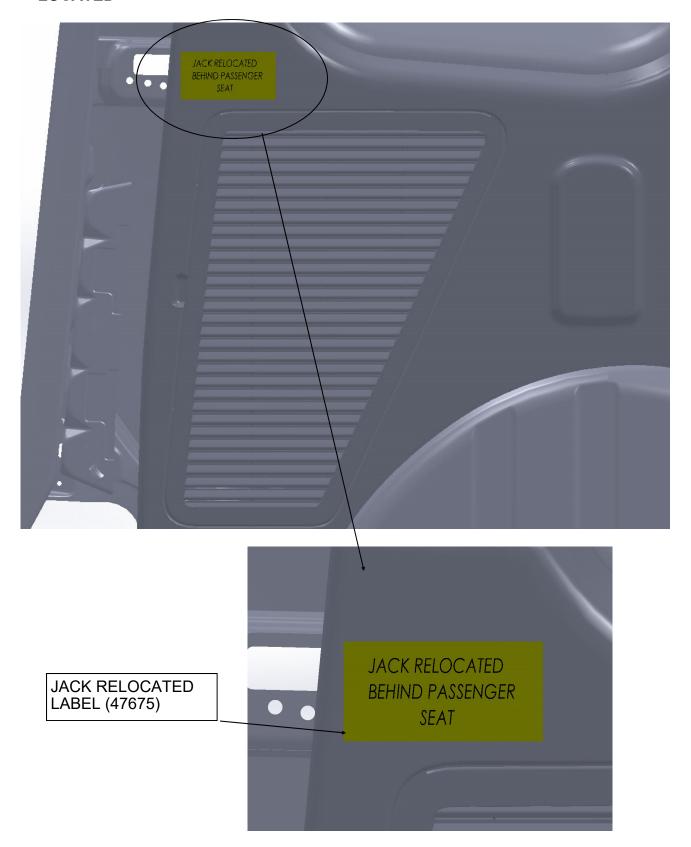


STEP 1C - SET THE 1/4-20 PLUS NUT (FAS0052) IN THE NEWLY DRILLED HOLE. FASTEN DOWN THE JACK WITH THE KNOB (42889). MAKE SURE THAT BOTH PIECES (JACK/HANDLE ARE TIGHTLY FASTENED TO PREVENT ANY RATTLING.





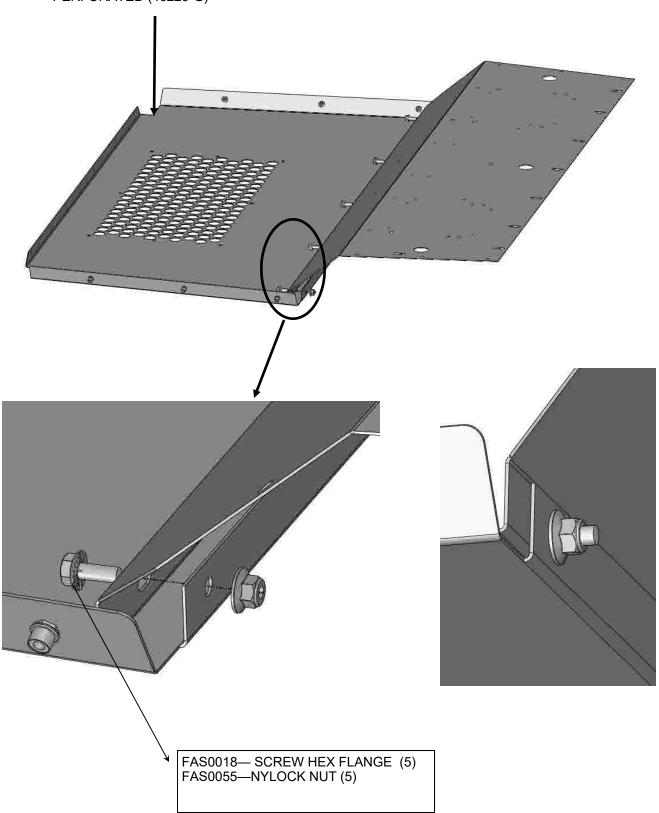
STEP 1D - APPLY JACK RELOCATED LABEL TO WHERE THE JACK USE TO BE LOCATED





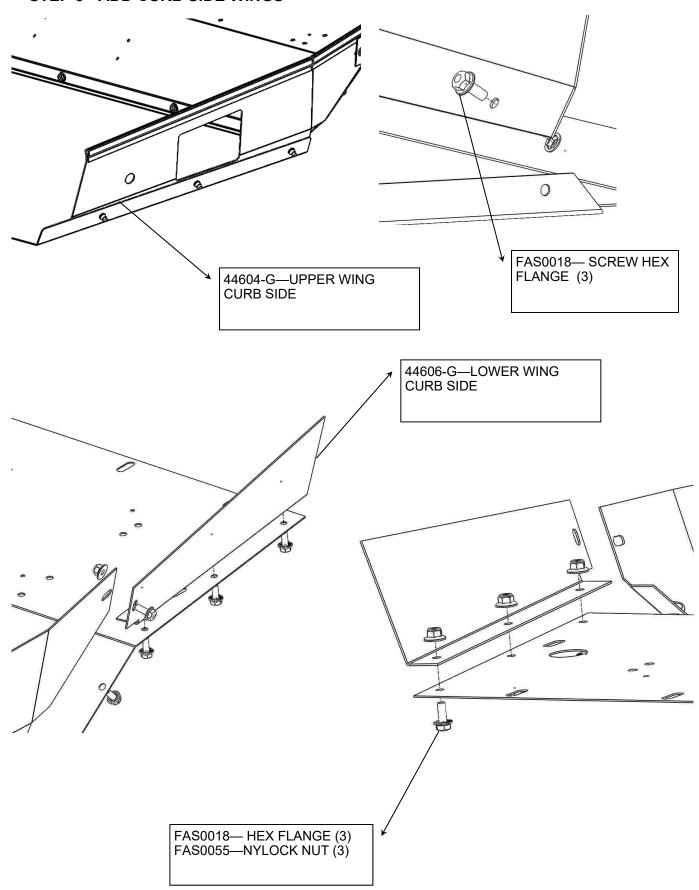
STEP 2 - ASSEMBLE THE PARTITION (PERFORATED OR SOLID UPPER PANEL)

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





STEP 3 - ADD CURB SIDE WINGS

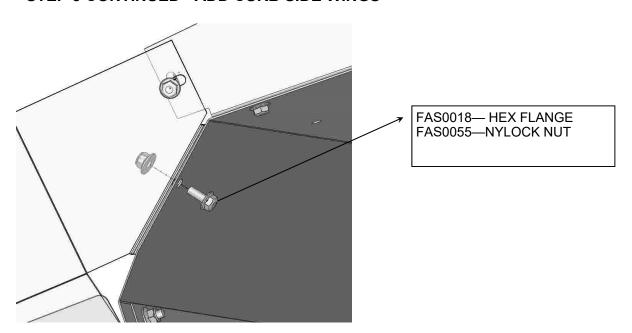


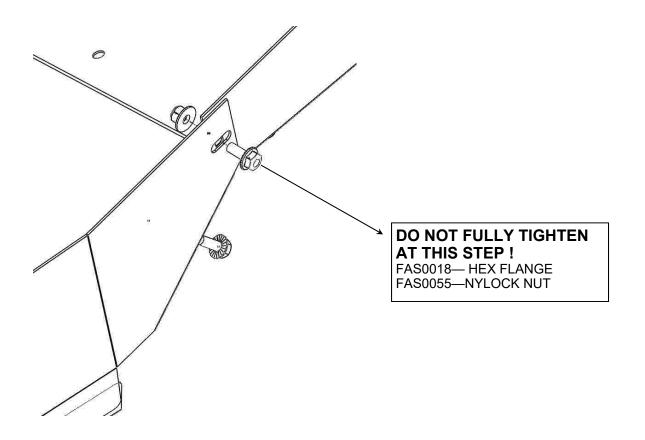
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Publication Number: 46257 Revision Level: I ECN Release: 24605



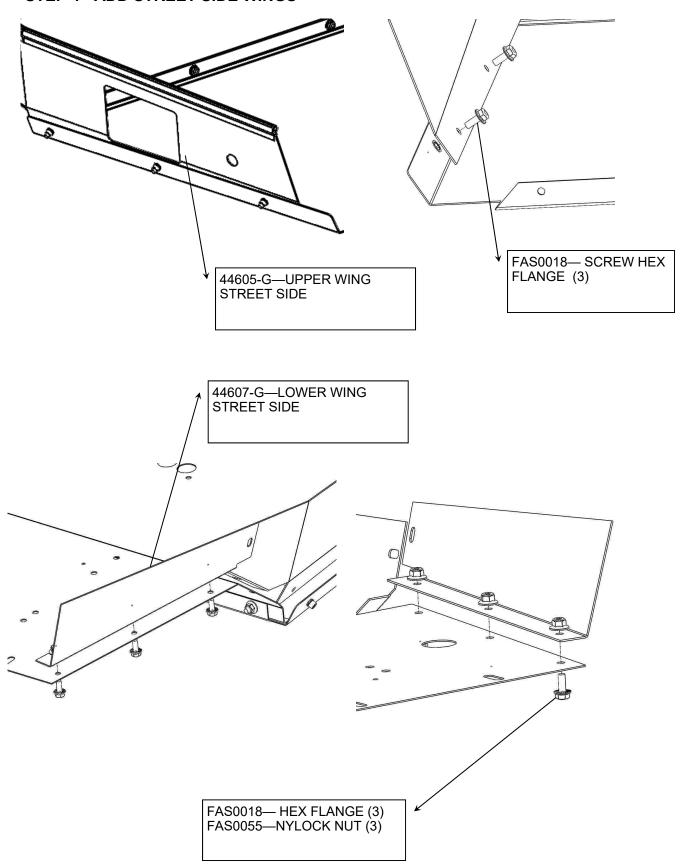
STEP 3 CONTINUED - ADD CURB SIDE WINGS





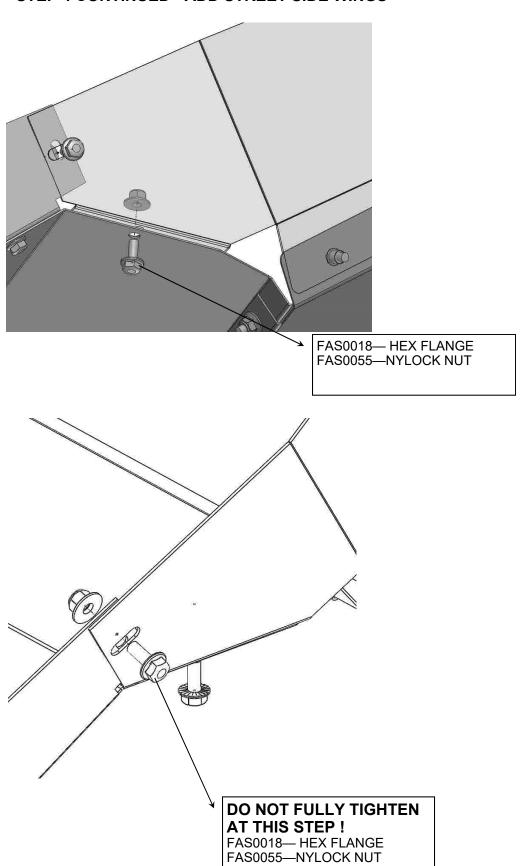


STEP 4 - ADD STREET SIDE WINGS



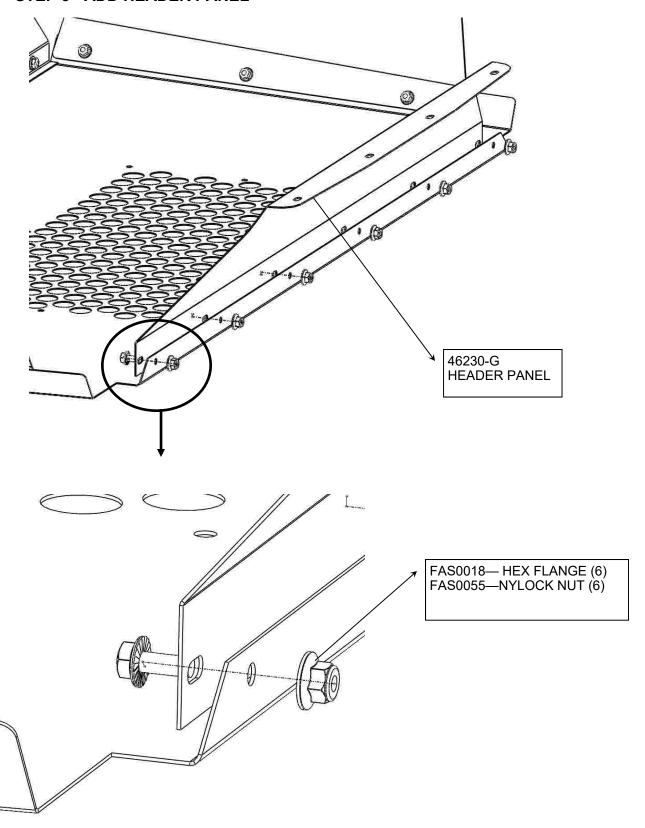


STEP 4 CONTINUED - ADD STREET SIDE WINGS



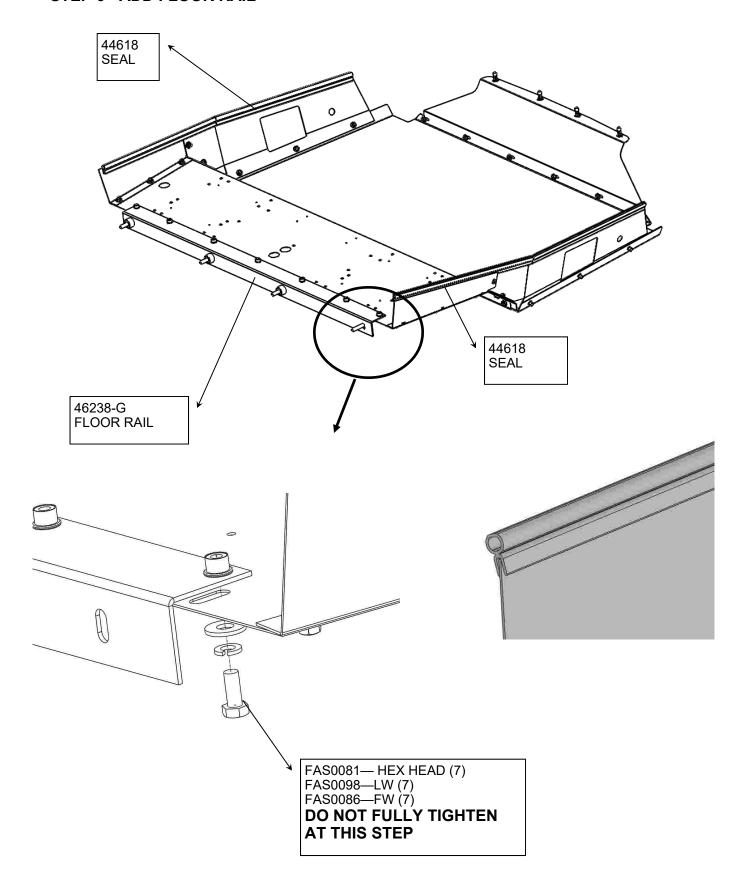


STEP 5 - ADD HEADER PANEL



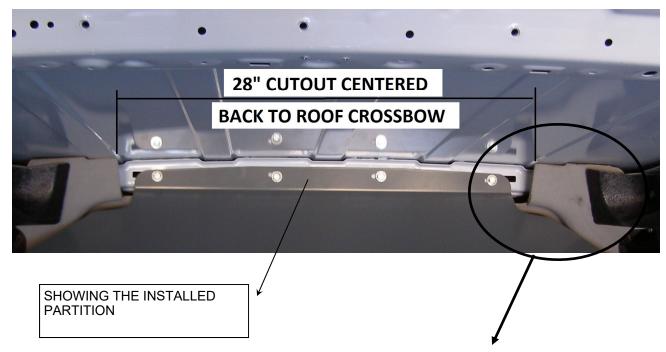


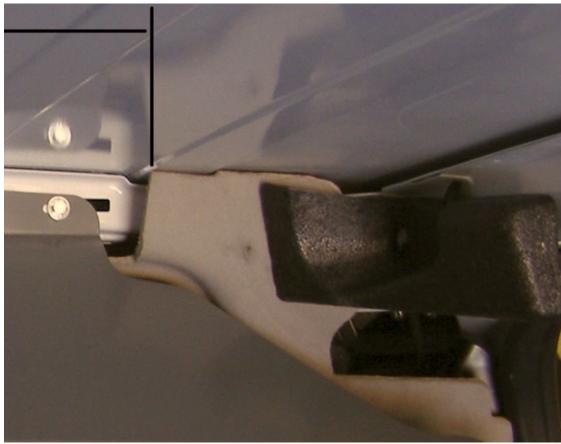
STEP 6 - ADD FLOOR RAIL





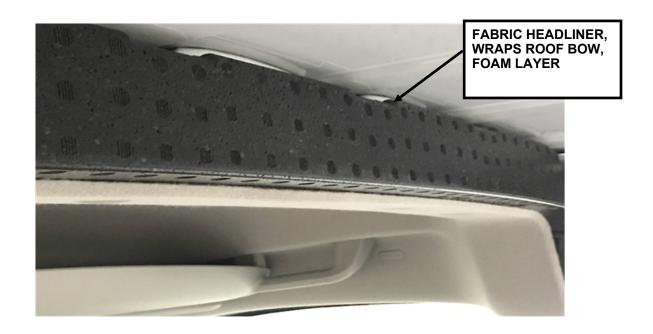
STEP 7 - FOR 2014-2017 VEHICLES ONLY! MODIFY YOUR TRANSIT CONNECT HEADLINER



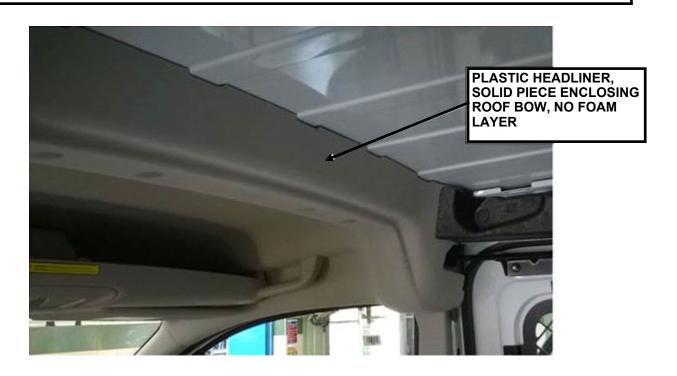




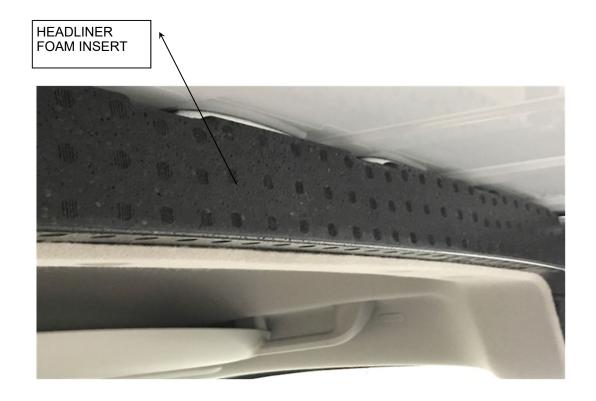
FOR 2018-2021 MODEL YEAR VEHICLES WITH FABRIC HEADLINER SHOWN BELOW, PROCEED TO STEP 8 AND SKIP STEP 9

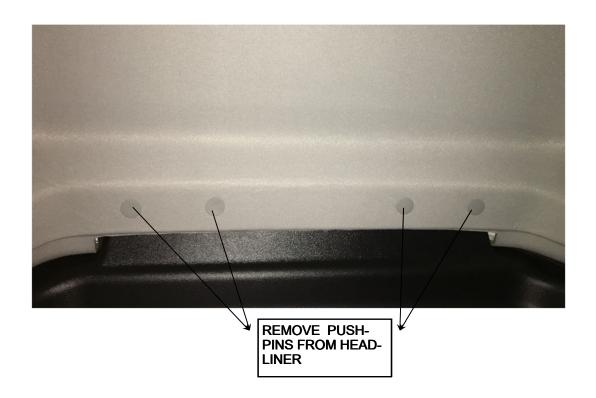


FOR 2021-NEWER MODEL YEAR VEHICLES WITH PLASTIC HEADLINER SHOWN BELOW, SKIP STEP 8 AND PROCEED TO STEP 9

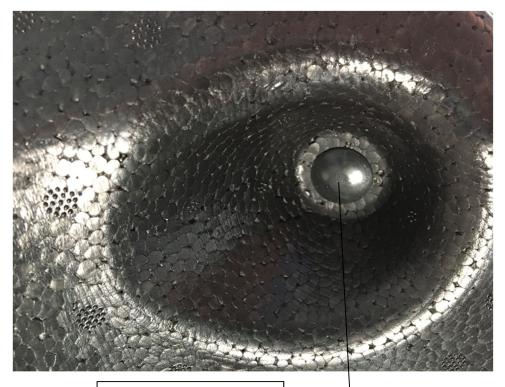






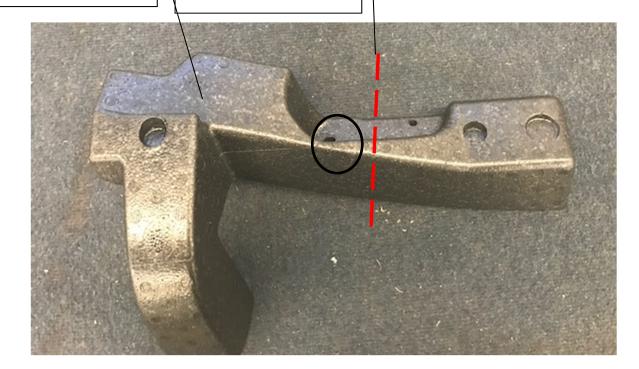






REMOVE PASSENGER SIDE FOAM INSERT CUT DOWN THE RED LINE. LEAVE ROOM FOR THE HOLE THAT IS CIRCLED. DISCARD THE RIGHT SIDE OF THE CUT. DRIVER-SIDE IS MIRRORED.

REMOVE PUSHPINS FROM PASSENGER SIDE FOAM INSERT





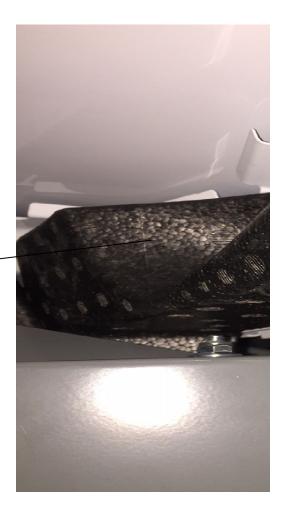


THE PUSHPIN IS USED IN THE HOLE THAT WAS LEFT AFTER CUTTING.

THIS IS THE FOAM REINSTALLED

THIS IS THE STREETSIDE WITH THE CUT

THIS IS THE CURBSIDE WITH THE CUT

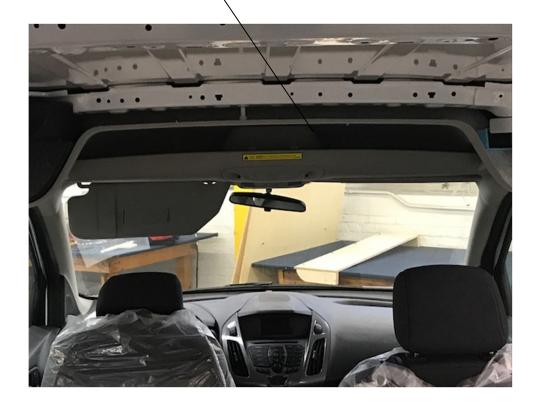






REMOVE HEADLINER FOAM INSERT

HEADLINER AFTER REMOVAL OF PASSENGER SIDE AND HEADLINER FOAM INSERTS







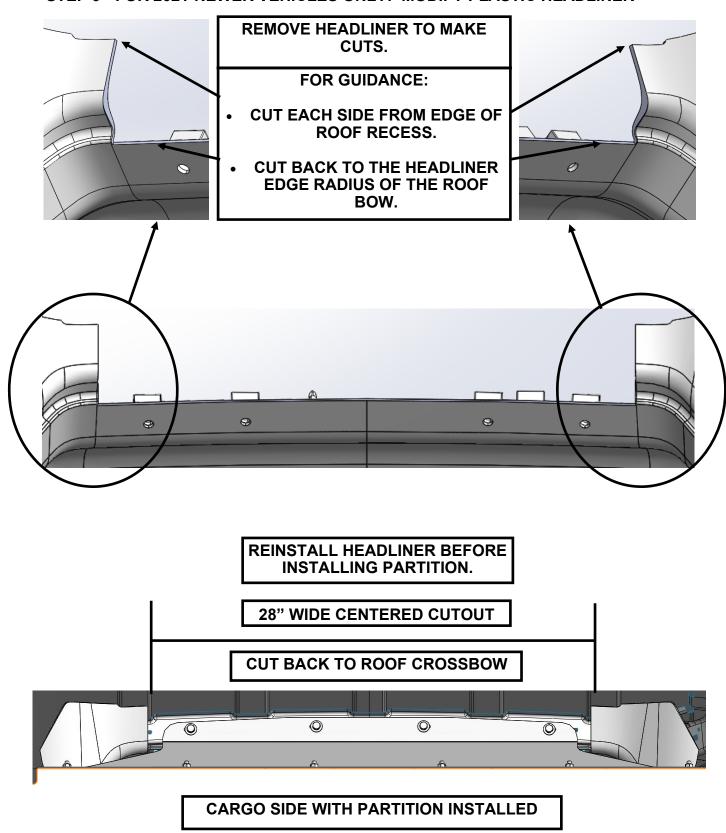




AFTER RE-INSTALLING THE HEADLINER PINS, CONTINUE TO STEP 10 FOR PARTITION INSTALLATION

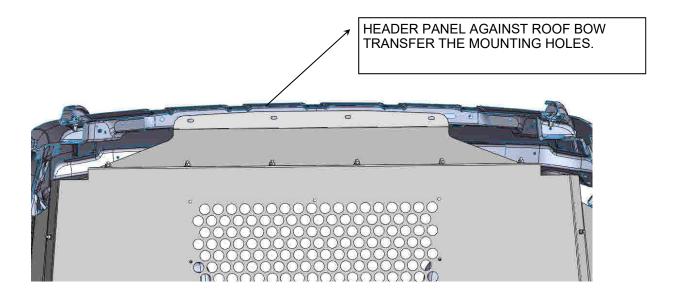


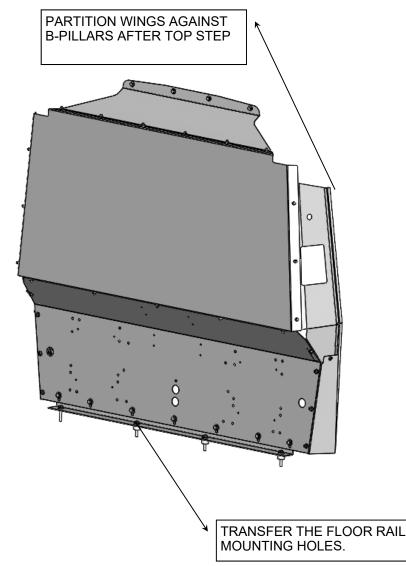
STEP 9 - FOR 2021-NEWER VEHICLES ONLY! MODIFY PLASTIC HEADLINER





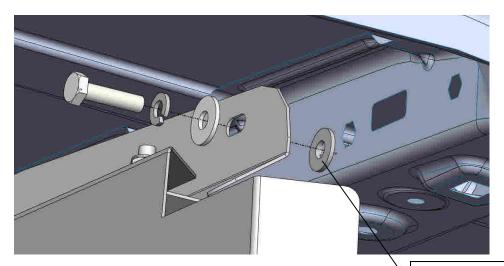
STEP 10 - CAREFULLY PLACE IN VEHICLE AND TRANSFER HOLES





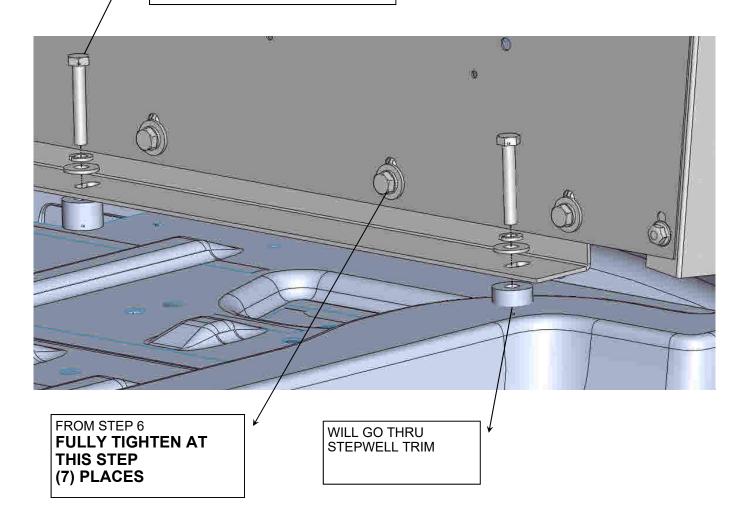


STEP 11 - SET PLUSNUTS AND SECURELY PARTITION IN PLACE



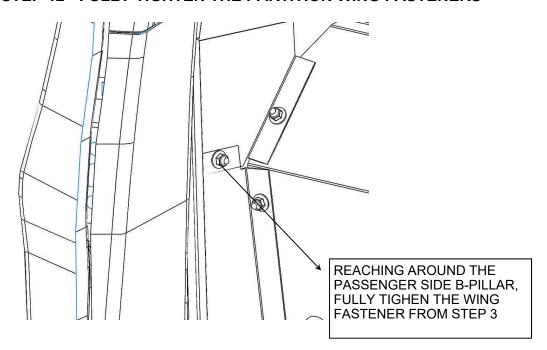
FAS0091—5/16 PLUSNUT (4) FAS0086—FW (4) FAS0098—LW (4) FAS0602—5/16 HH X 2" LG (4)

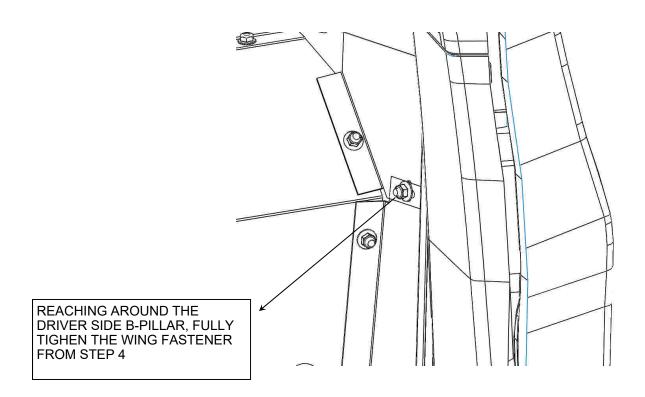
FAS0052—1/4-20 PLUSNUT (4) FAS0067—FW (4) FAS0060—LW (4) FAS0078—1/4-20 HH X 1" LG (4)





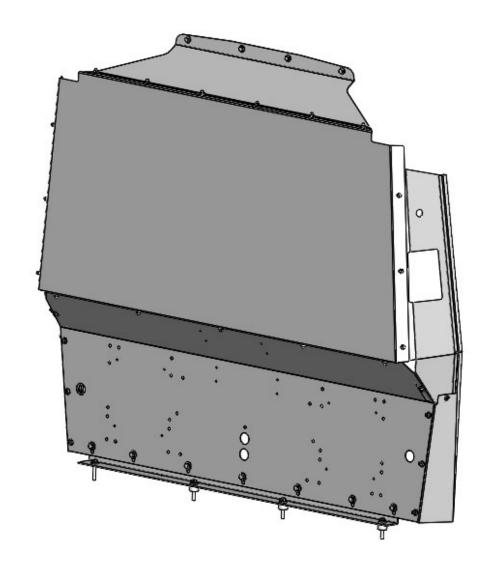
STEP 12 - FULLY TIGHTEN THE PARTITION WING FASTENERS







YOUR INSTALLATION IS NOW COMPLETE



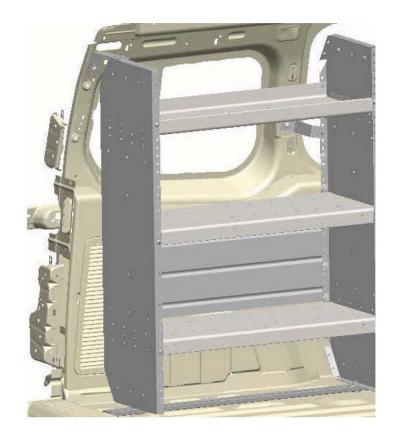
DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL FASTENERS ARE TIGHTENED TO SPECIFICATIONS.

YOUR INSTALLATION IS NOW COMPLETE!

STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!



RAIL KIT,38" 2014 TRANSIT CONNECT



PRODUCT WEIGHT

5 LBS.

WIDTH x DEPTH x HEIGHT

N/A

CAPACITY

- (1) AD1226TC14 or
- (1) AD1232TCI4 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.

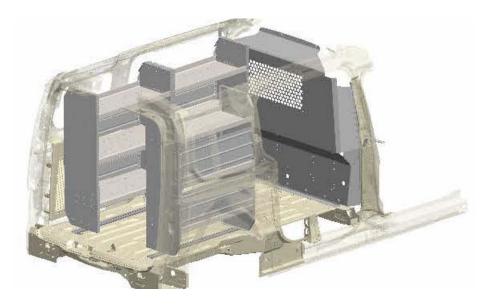


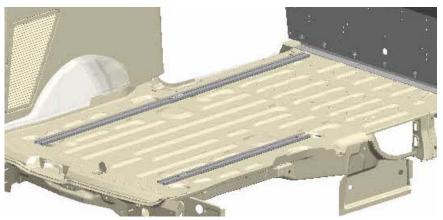
Introduction / Comments:

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



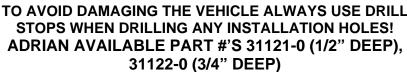
INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH **VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO** DRILLINGTO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!





CAUTION







- 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

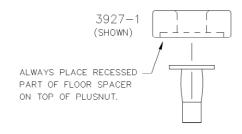
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

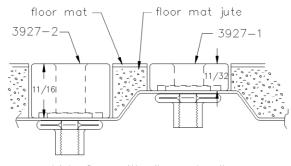


If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once your are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select 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.



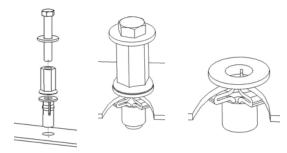


vehicle floor with ribs and valleys

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



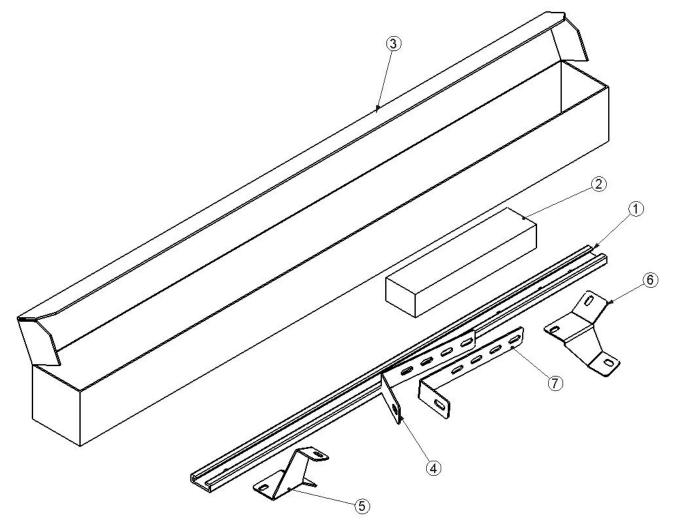
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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

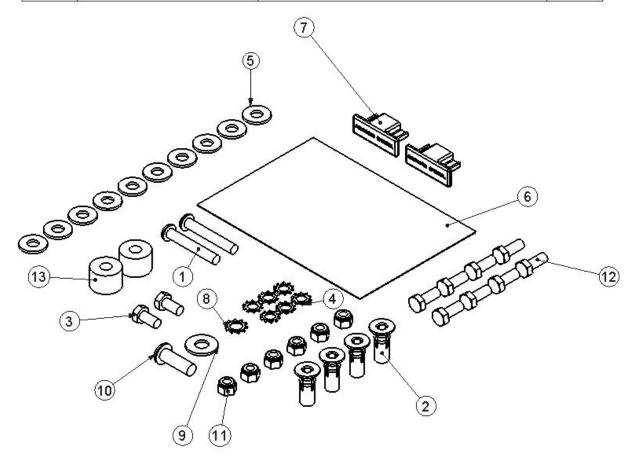
ITEM NO.	PART NUMBER	DESCRIPTION	RKTC14/QT Y.
1	43978	3978 RAIL, ALUMINUM X 38.00	
2	HDWRKTC14	HDW KIT,2014 TRANSIT CONNECT	1
3	CRTRKTC14	CARTON AD RAIL 2014 TC	1
4	44355-G	REAR MTG BRKT, 2014 TC	1
5	46947-G	FRONT CORNER BRKT, TC, SS	1
6	46946-G	FRONT CORNER BRKT, TC, CS	1
7	46945-G	FRONT MTG BRKT, 2014 TC	1





BAGRKTC14 IS PART OF RKTC14 AND RKDTC14

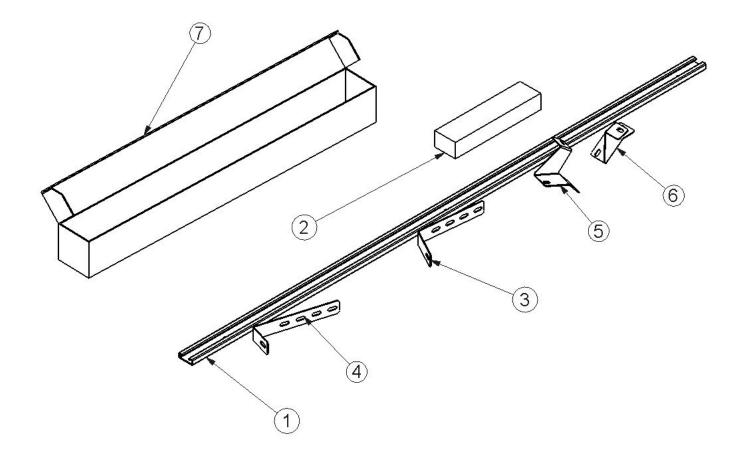
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	FAS0048	Screw, Button Hd Hex Soc, 5/16-18X 2, BLK OXIDE	2
2	FAS0091	Plusnut, 5/16	4
3	FAS0165	Screw, Hex Hd, 5/16-18x.625	2
4	FAS0085	Washer, Lock, Ext. Tooth, 5/16	6
5	FAS0086	WASHER,FLAT USS 5/16 ZP	10
6	BAG0507-A	5" x 7" 3MIL AUTOBAG	1
7	36496-0	END CAP	2
8	FAS0105	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

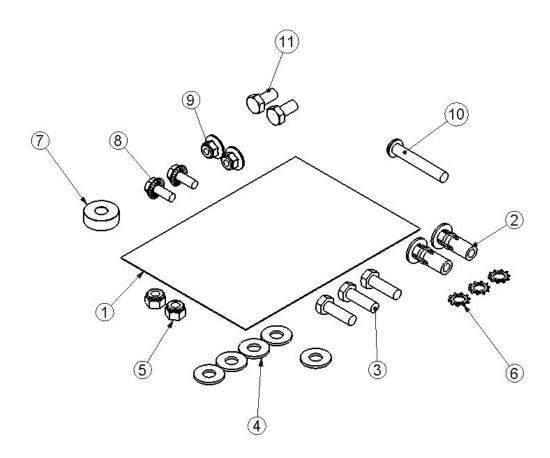
ITEM NO.	PART NUMBER	DESCRIPTION	RKDTC14/QTY.
1	44351	RAIL 70" TC 14	1
2	HDWRKDTC14	HDW KIT,2014 TRANSIT CONNECT	1
3	44355-G	REAR MTG BRKT, 2014 TC	1
4	46945-G	FRONT MTG BRKT, 2014 TC	1
5	46946-G	FRONT CORNER BRKT, TC, CS	1
6	46947-G	FRONT CORNER BRKT, TC, SS	1
7	CRTRKTC14	CARTON AD RAIL 2014 TC	1





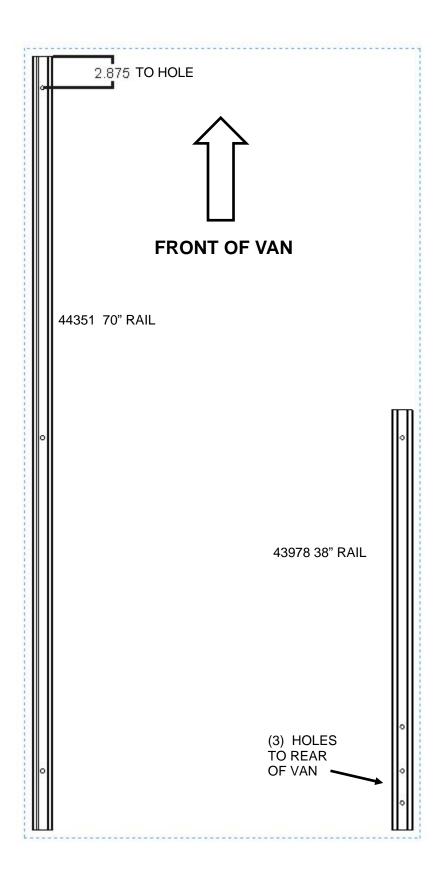
BAG46965 IS PART OF RKDTC14

			<u> </u>
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



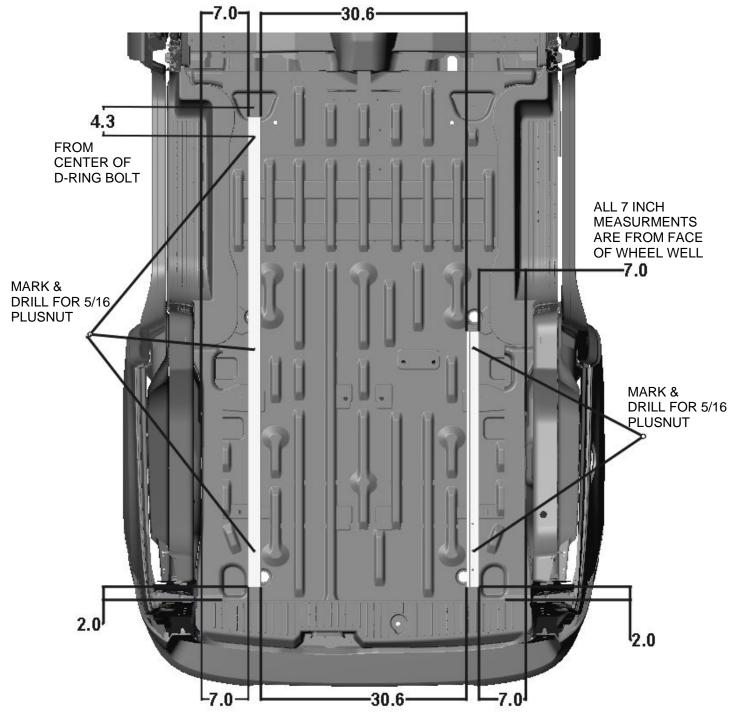


44351 70" OR 43978 38" RAIL INSTALL

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 CUSTUMER SPECIFICATIONS (PICTURE SHOWN ONLY FOR REFERENCE)

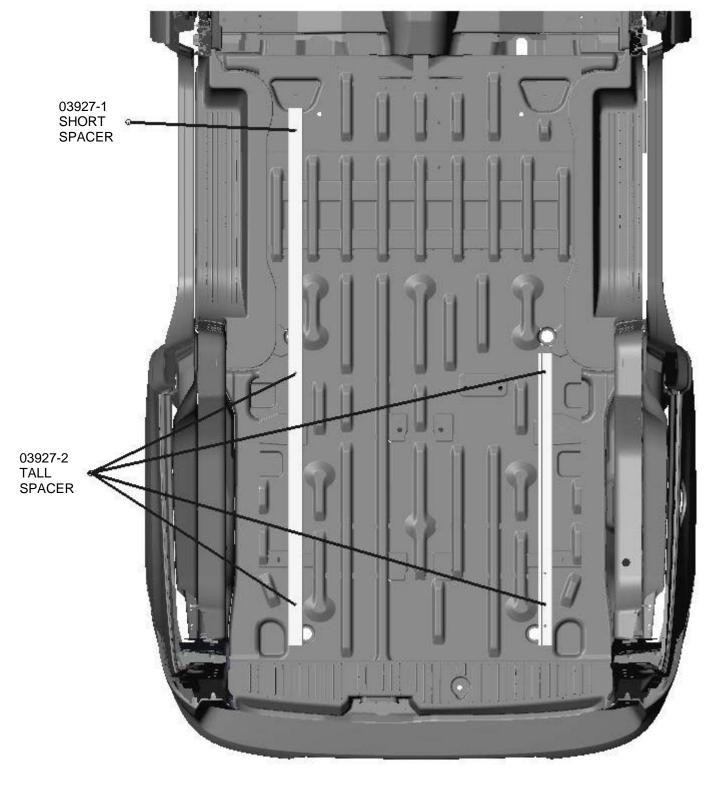




FASTENERS NEEDED TO COMPLETE RAIL INSTALL:

EVERY LOCATION GETS

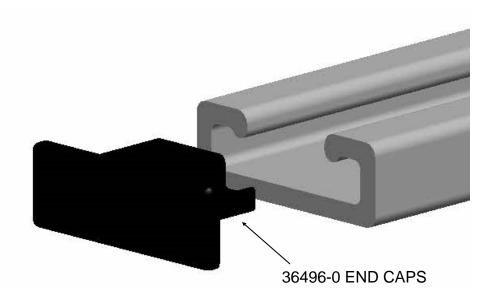
- (1) FAS0048 BUTTON HEAD SCREW 5/16-18 X 2.00"
- (1) FAS0085 WASHER, LOCK, EXT TOOTH 5/16
- (1) 03927-1 SHORT SPACER, OR (1) 03927-2 TALL SPACER (REFER BELOW FOR **CORRECT SPACER PLACEMENT)**





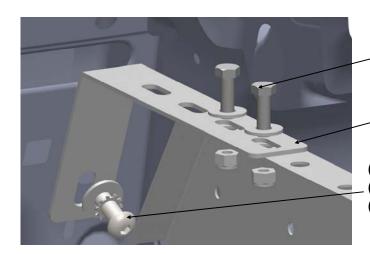
PLACE TWO SLIDES 35335-0 INTO 38" RAIL; PLACE FOUR SLIDES IN 70" RAILS ATTTACH END CAP 36496-0 ON EACH END OF RAILS.







ATTACH END PANEL BRACKETS AS SHOWN BELOW



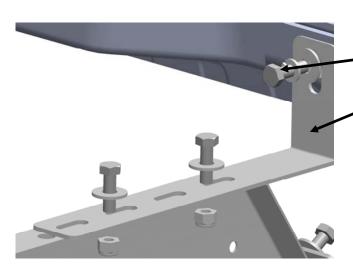
(2)FAS0119 5/16-18 X 1.00 SCREW (2)FAS0112 5/16 FLAT WASHER (2)FAS0090 5/16-18 LOCK NUT

44355-G REAR MTG BRKT.

(1)FAS0728 10mmX1.5X3 0mm SCREW

(1)FAS0105 3/8 LOCK WASHER

(1)FAS0104 3/8 FLAT WASHER

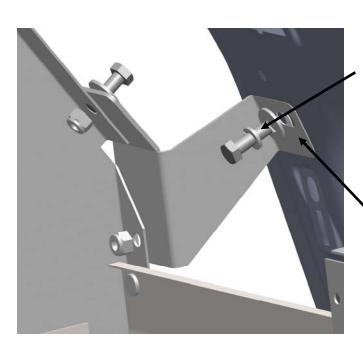


(3)FAS0119 5/16-18 X 1.00 SCREW (3)FAS0112 5/16 FLAT WASHER (3)FAS0090 5/16-18 LOCK NUT

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

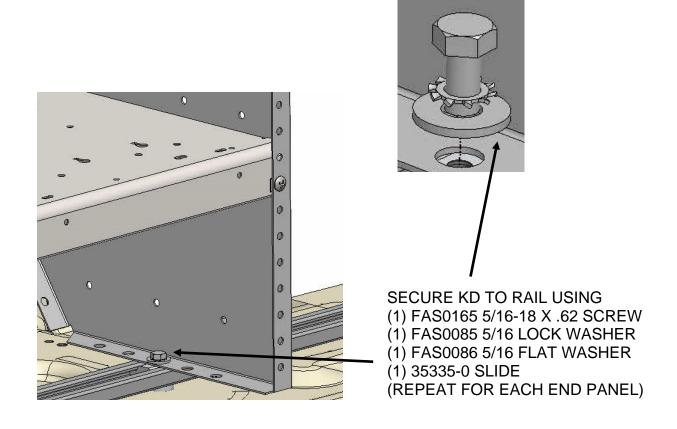
46946-G FRONT CORNER BRKT. CS OR 46947-G FRONT CORNER BRKT. SS



(2)FAS0091—5/16 PLUSNUT

**MUST USE DRILL STOP WHEN DRILLING.





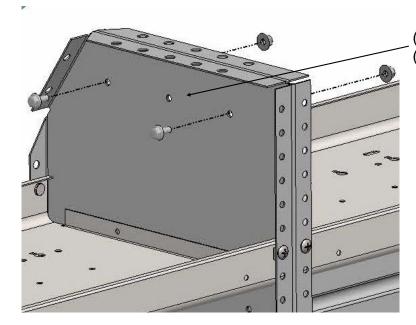
ONCE KD IS IN PROPER POSITION. TIGHTEN ALL FASTENERS

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!

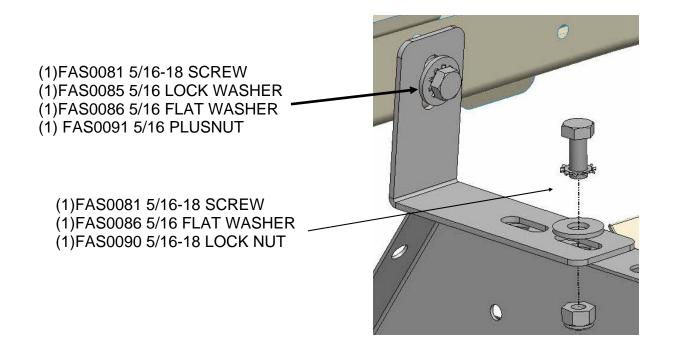


RKDTC14 70" RAIL KIT. WHEN INSTALLING FRONT KD ATTACH AS SHOWN BELOW

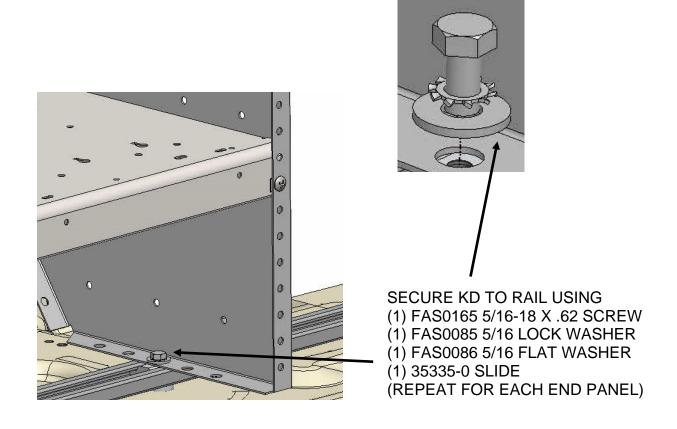


- (2) FAS 0018 1/4-20 SCREW
- (2) FAS0055 1/4-20 LOCK NUT

ATTACH END PANEL WITH BRACKET. BRACKET WILL BE MOUNTED WITH PLUSNUT. USE THE BRACKET TO MARK LOCATION FOR PLUSNUT.



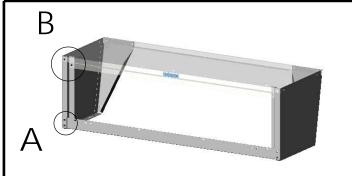




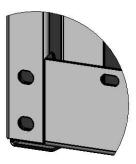
ONCE KD IS IN PROPER POSITION. TIGHTEN ALL FASTENERS

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

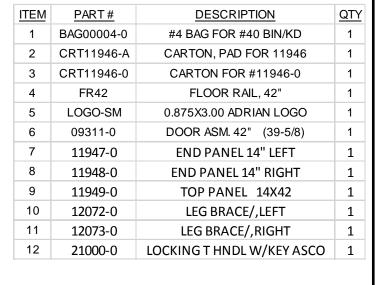
DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL FASTENERS ARE TIGHTENED TO SPECIFICATIONS. YOUR INSTALLATION IS NOW COMPLETE! STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!

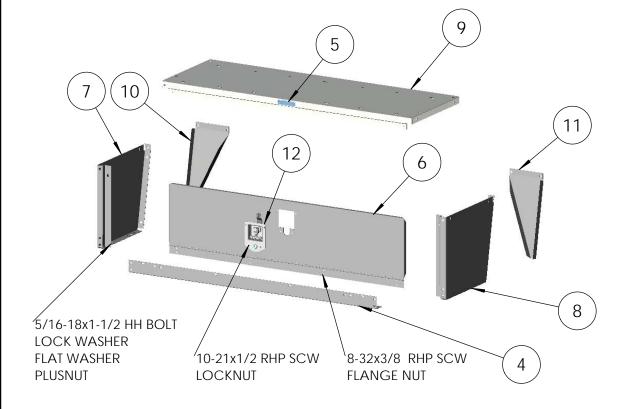


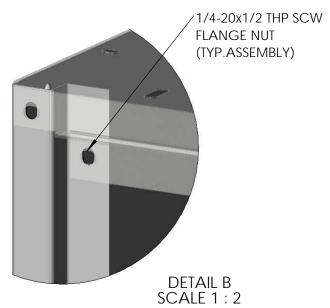
THE TOP PANEL COVERS ALL VERTICAL PIECES, & LEG BRACES. LEG BRACES ARE ASSEMBLED INSIDE THE END PANELS.



DETAIL A SCALE 1 : 2







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

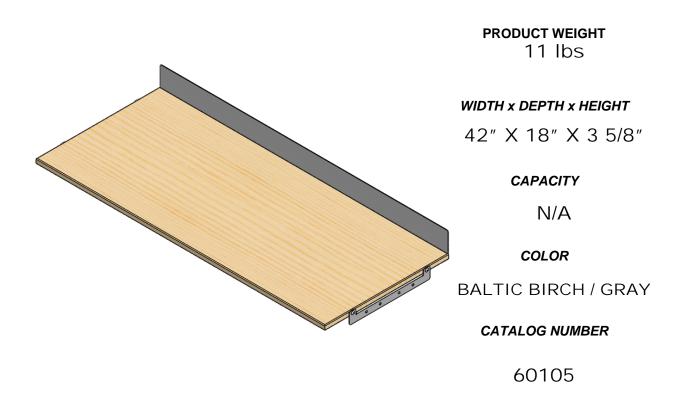


906 James Street Adrian, Michigan 49221 517.265.6194 WWW.ADRIANSTEEL.COM ALL DESIGNS AND DESIGN CONCEPTS ARE THE INTELLECTUAL PROPERTY OF ADRIAN STEEL COMPANY AND ARE NOT TO BE COPIED, DISTRIBUTED OR COMMUNICATED TO OUTSIDE PARTIES WITHOUT THE WRITTEN PERMISSION OF ADRIAN STEEL COMPANY.

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

Drawn B	BDS	WHEELHOUSE BIN - KD			
Date:	03/09/2015	14 X 12.5 X 42			
ECN No	12861				
PART N	^{lo:} 40	Part Weight: 27.58	CG Horizontal & Vertical: HCG= 21.00 VCG= 6.25	Sheet: 1 of 1	Rev.:





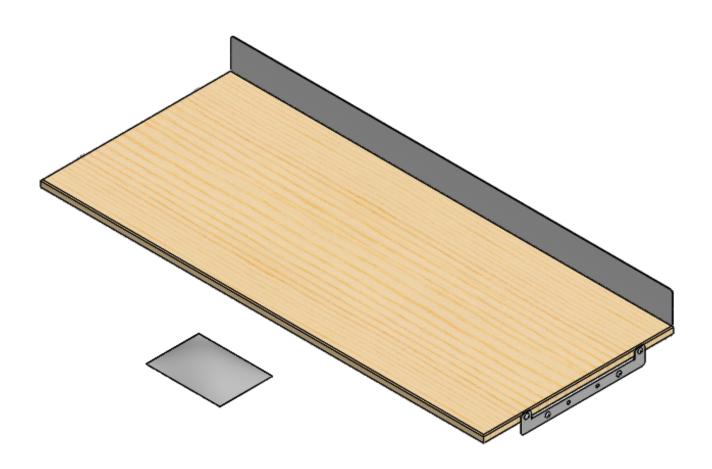
PRODUCT FEATURES

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

Some drilling may be required.



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
DRILLINGTO 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!



- 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

RATCHET, SOCKETS AND/OR WRENCHES

WDRIVERS MEASURING TAPE

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



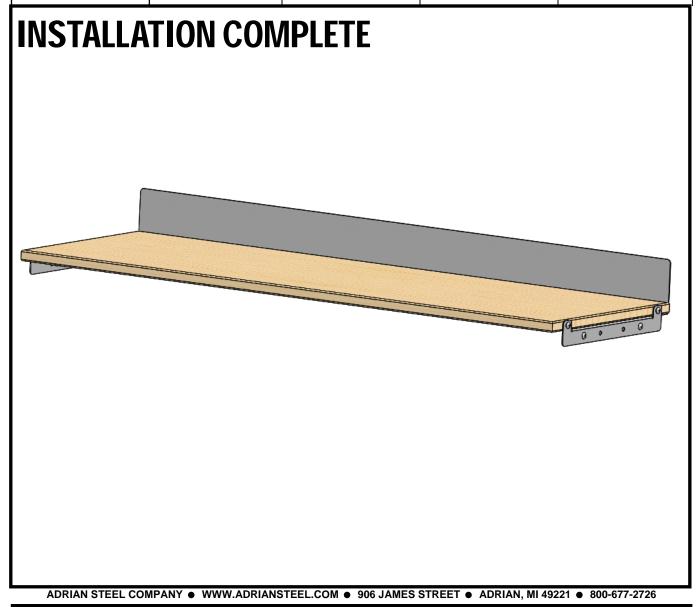
Assembly/Installation Instructions and Owners Manual

PARTS YOU WILL USE FOR	FAS0691, SCREW, THP T(13) REQUIRED	PHILLIPS HEAD DRILL	60102-G, WORK SIDE BRACKET	(BENCH T, GRAY	60100-G, WORKBENCH BACK RAIL, GRAY
	The state of the s				
STEP					
01	60101, RUSSIAN BIRCH 18 X 42				
Instructions for Step 01					
Instruct	ions for S	step U I			
Instruct	ions for S	step U i			
Instruct	ions for S	Step U I			
Instruct	ions for S	Step U I			
Instruct	ions for s	step U I		60101	60100-G back rail to Russian Birch using 91 (x5).
Instruct	ions for s	step U I		60101 FAS06 Install 6 to each	Russian Birch using 91 (x5). 60102-G side bracken end of 60101 Rus-
Instruct	ions for s	stepui		60101 FAS06 Install (to each sian Bi ets bas length.	Russian Birch using 91 (x5). 60102-G side bracken end of 60101 Rusrch; Install side bracked upon desired lip
Instruct	ions for s	Stepui		Install (to each sian Bi ets bas length. There s FAS06 left over	Russian Birch using 91 (x5). 60102-G side bracken end of 60101 Rusrch; Install side bracked upon desired lip should be four (4) 91 Screw, THP TEKer in which you may
Instruct	ions for s	stepui		Install (to each sian Bi ets bas length. There s FAS06 left over use to	Russian Birch using 91 (x5). 60102-G side bracken end of 60101 Rusrch; Install side bracked upon desired lip should be four (4) 91 Screw, THP TEKer in which you may
Instruct	ions for s	Stepui		Install (to each sian Bi ets bas length. There s FAS06 left over use to	Russian Birch using 91 (x5). 60102-G side bracken end of 60101 Rusrch; Install side bracked upon desired lip should be four (4) 91 Screw, THP TEKer in which you may install workbench to



Assembly/Installation Instructions and Owners Manual

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





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.



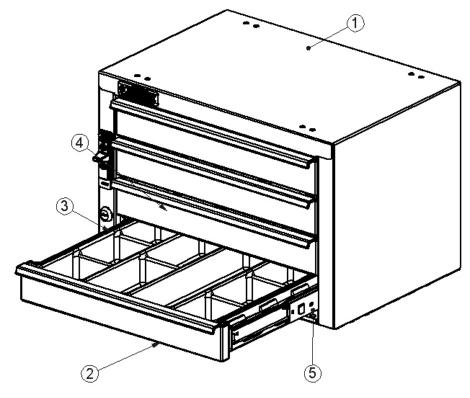
Introduction / Comments:

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	9/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
DRILLINGTO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS
OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!





CAUTION

TO AVOID DAMÁGING 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 -

- 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

RATCHET, SOCKETS AND/OR WRENCHES

MEASURING TAPE

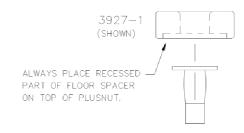
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

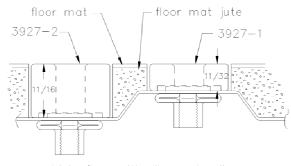


If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once your are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select 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.





vehicle floor with ribs and valleys

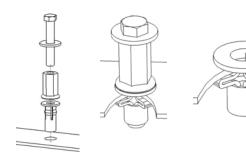
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION. PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

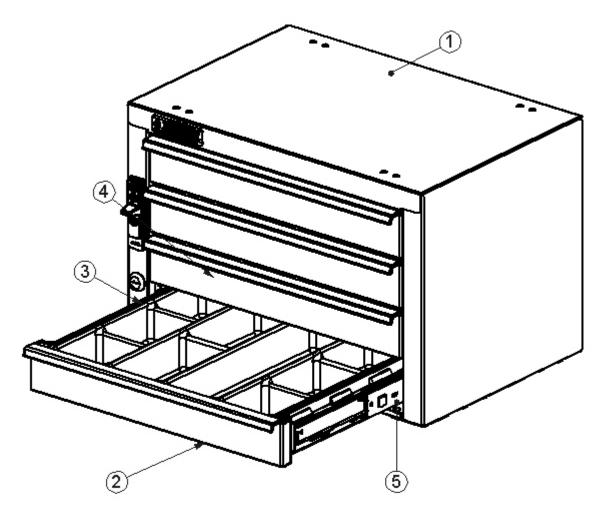
FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8 FAS0086 WASHER, FLAT, 5/16"ID 22200-0 PLUSNUT TOOL



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).

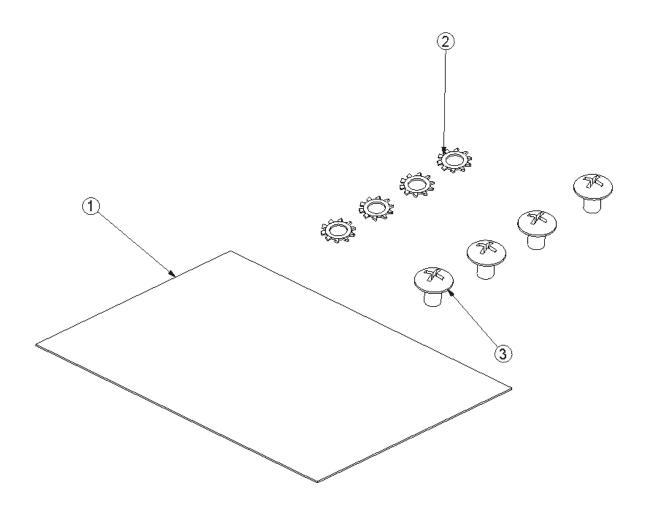




INSERT FOUR (4) 40287-LH AND FOUR (4) 40287-RH SLIDES INTO CABINET BODY. INSERT FOUR(4) 40015 DRAWERS INTO CABINET BODY. INSERT A TOTAL OF FOUR (4) 26105-0 DIVIDER TRAYS INTO UNIT. INSERT ONE (1) DIVIDER TRAY UPSIDE DOWN INTO TOP DRAWER AND RIGHT SIDE UP INTO THE REMAINING THREE (3) DRAWERS. PLACE BAG00001-0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

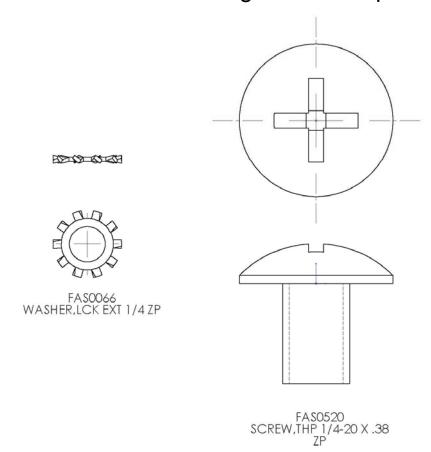


ITEM NO.	PART NUMBER	DESCRIPTION	BAG00001-0./QTY.
1	BAG0505-A	5" x 5" 3MIL AUTOBAG	1
2	FAS 0066	Washer, Lock, Ext. Tooth, 1/4	4
3	FA80520	Screw, Truss Hd. Ph, 1/4-20x .375" lg	4

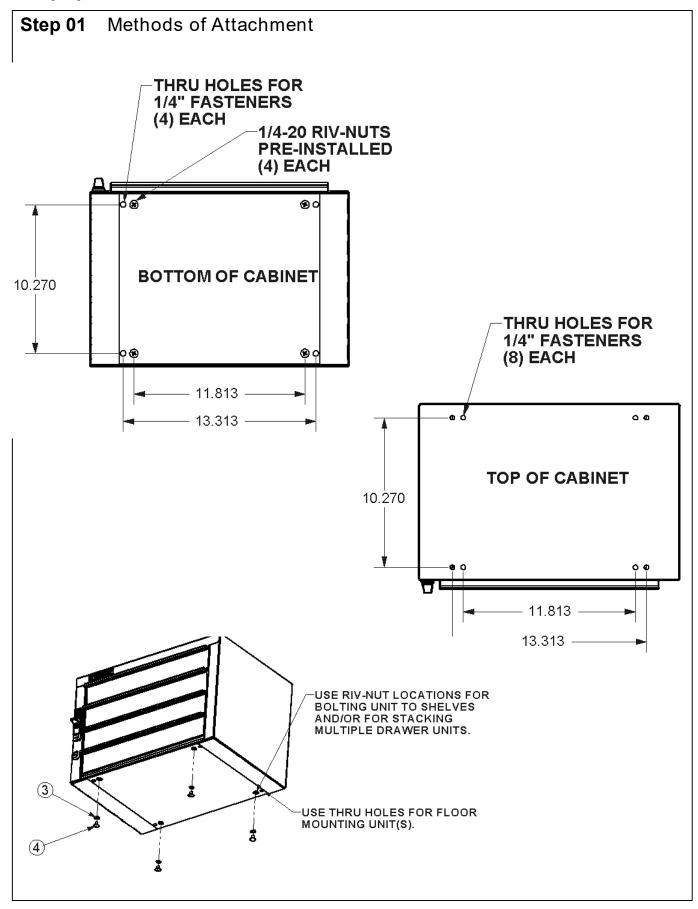




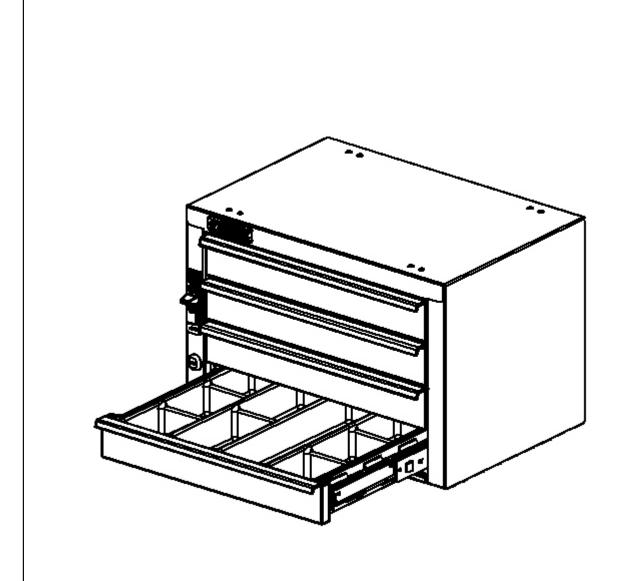
Individual Fastener Images & Descriptions











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!