

INSTR. :INSAWB
NUMBER

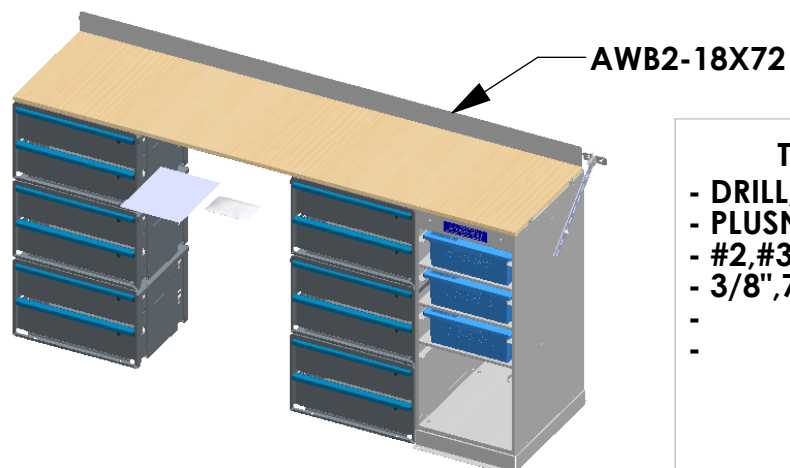
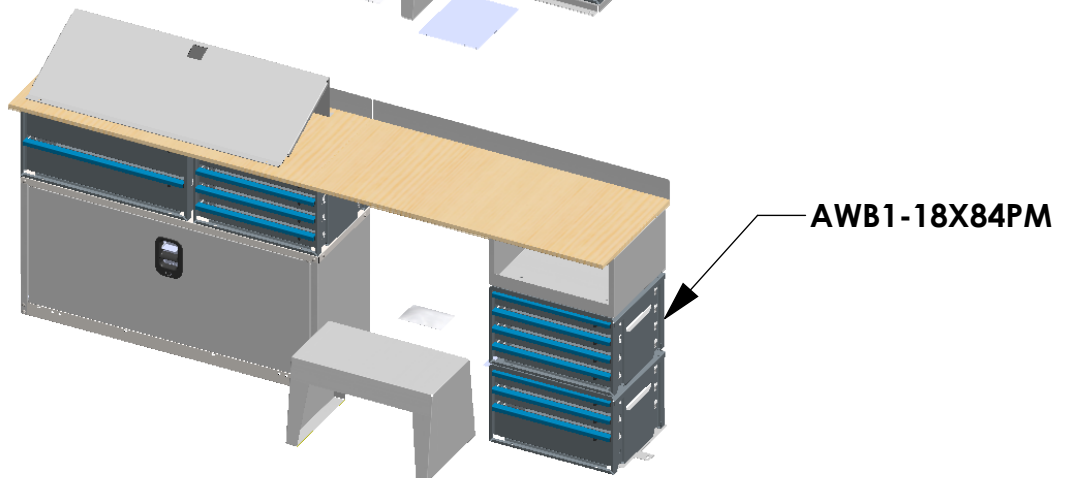
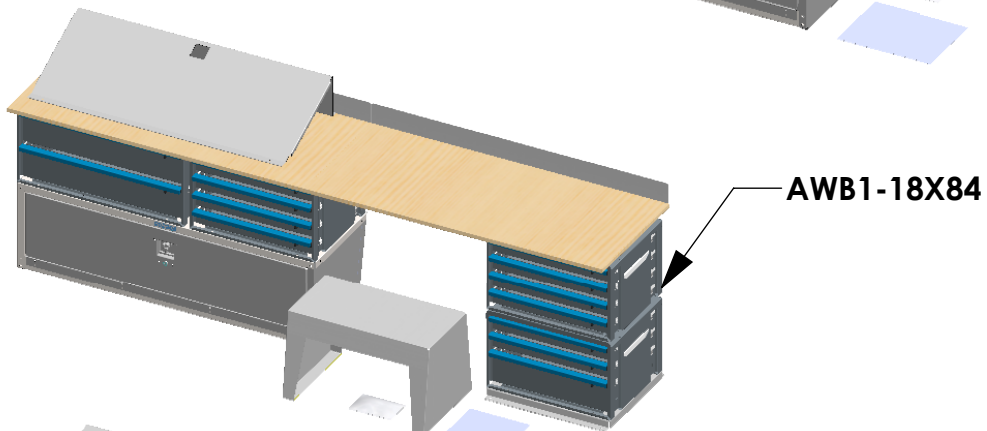
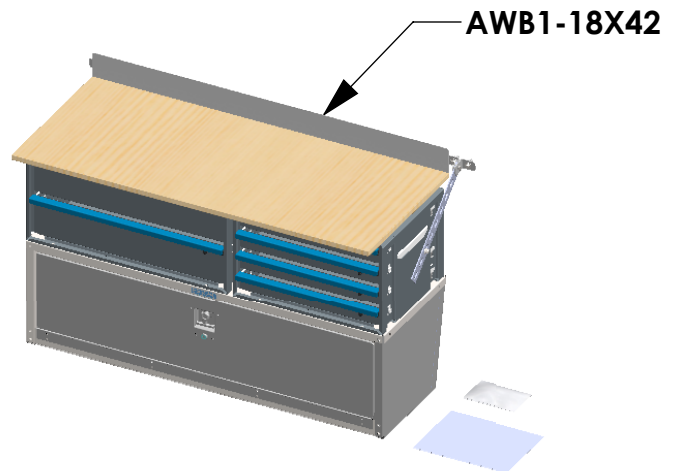
PG: 1
REV: A

PART •
NUMBER •

PART • GENERAL WORKBENCH
DESC. • MODULE ASSEMBLY

NOTE: THIS INSTRUCTION IS
VALID FOR THE FOLLOWING
KITS:

- AWB1-18X42
- AWB1-18X84
- AWB1-18X84PM
- AWB2-18X72



TOOLS NEEDED:

- DRILL, DRILLSTOP
- PLUSNUT GUN
- #2,#3 PHILLIPS
- 3/8",7/16",1/2" SOCKETS
-
-

GET TO KNOW THE VEHICLE - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

SEAL ALL EXTERIOR HOLES - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

CONTROL DRILL DEPTH - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

ALWAYS ADD PRIMER - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

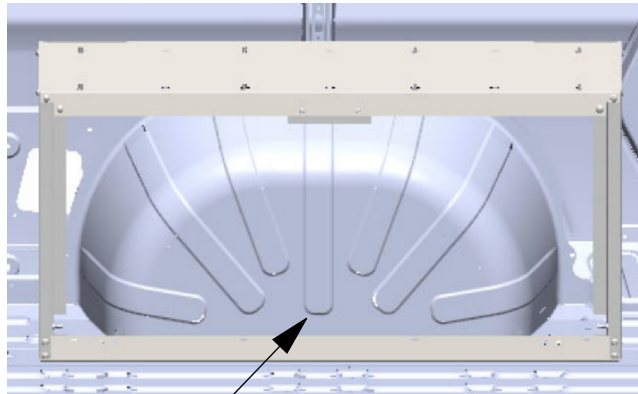
PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

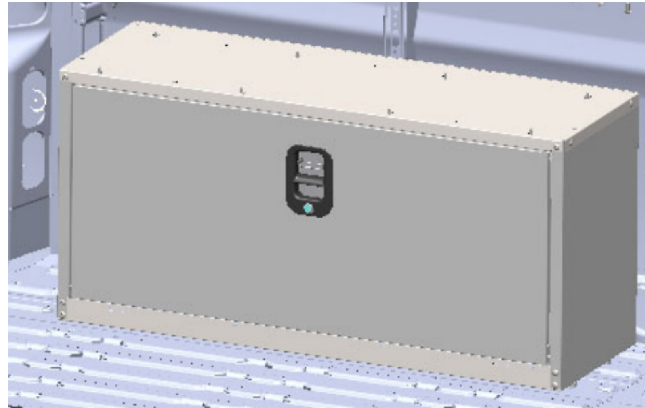
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STEP 1 - MOUNT WHEELHOUSE BIN (IF MODULE IS EQUIPPED)**STEP 2 - MOUNT DRAWER UNITS TO WHEELHOUSE BIN**

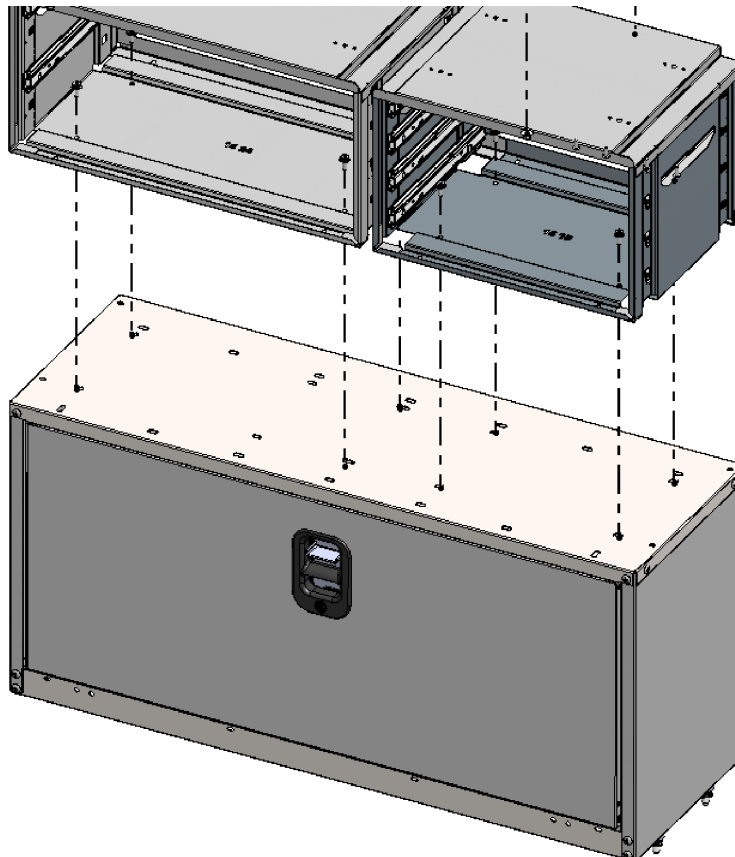
**Step 1.1
ASSEMBLE AND
MOUNT
WHEELHOUSE
BIN PER UNIT
INSTRUCTION**



PROMASTER SHOWN



**Step 2.1
MOUNT DRAWER
UNITS TO THE
WHEELHOUSE
BIN USING
FASTENERS
PROVIDED PER
DRAWER UNIT
INSTRUCTIONS**



STEP 3 - MOUNT DRAWER UNIT STACK

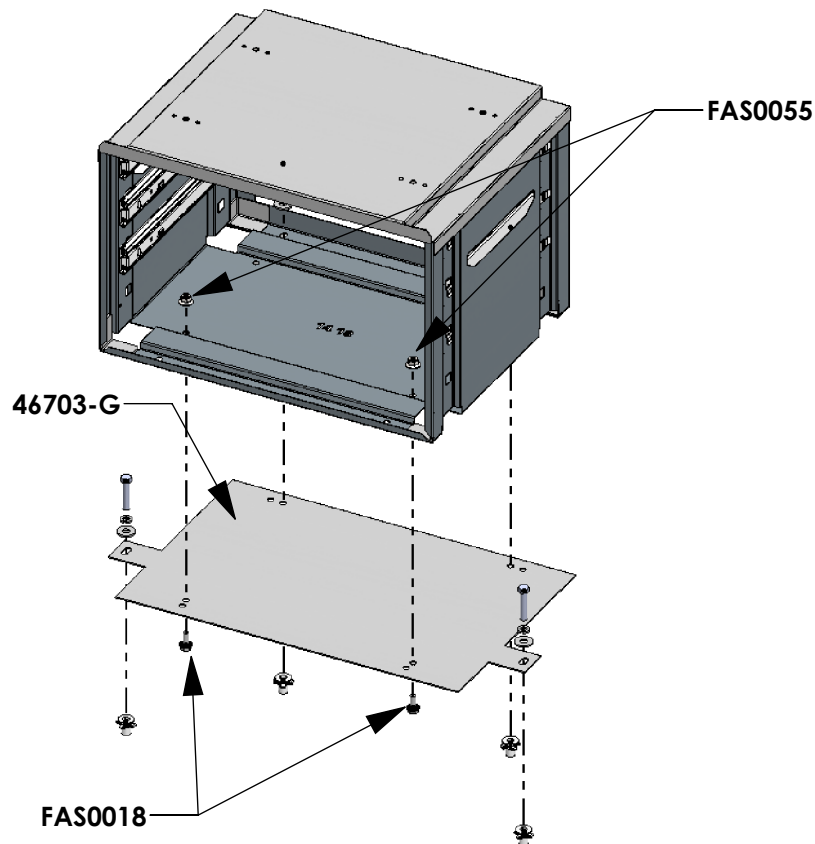
ALWAYS VERIFY THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

**Step 3.1
MOUNT BOTTOM
DRAWER UNIT TO
VEHICLE.
PER UNIT
INSTRUCTIONS**

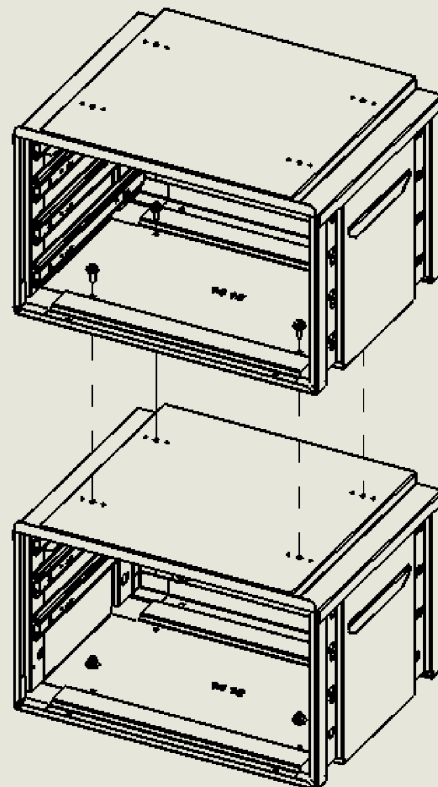
**BE SURE TO
MEASURE OVER
SO THAT THE
WORKBENCH
TOPS ALIGN WITH
THE OUTER EDGES
OF THE DRAWER
UNITS / SHELF**

**CHECK OEM NO-
DRILL AREAS**

**(AWB1-18X84PM
IS SUPPLIED WITH
46703-G MTG.
PLATE TO AVOID
OEM NO-DRILL
AREA)**

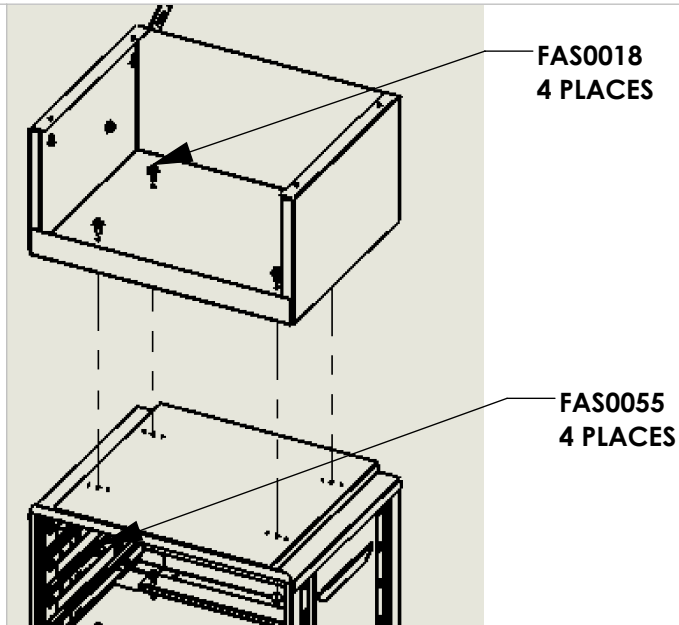


**Step 3.2
STACK DRAWER
UNITS PER UNIT
INSTRUCTION**



STEP 4 - MOUNT RISER SHELF - IF APPLICABLE

Step 4.1
USING THE MTG.
HOLES ATOP THE
DRAWER UNIT,
ATTACH THE
RISER SHELF.
FULLY TIGHTEN.

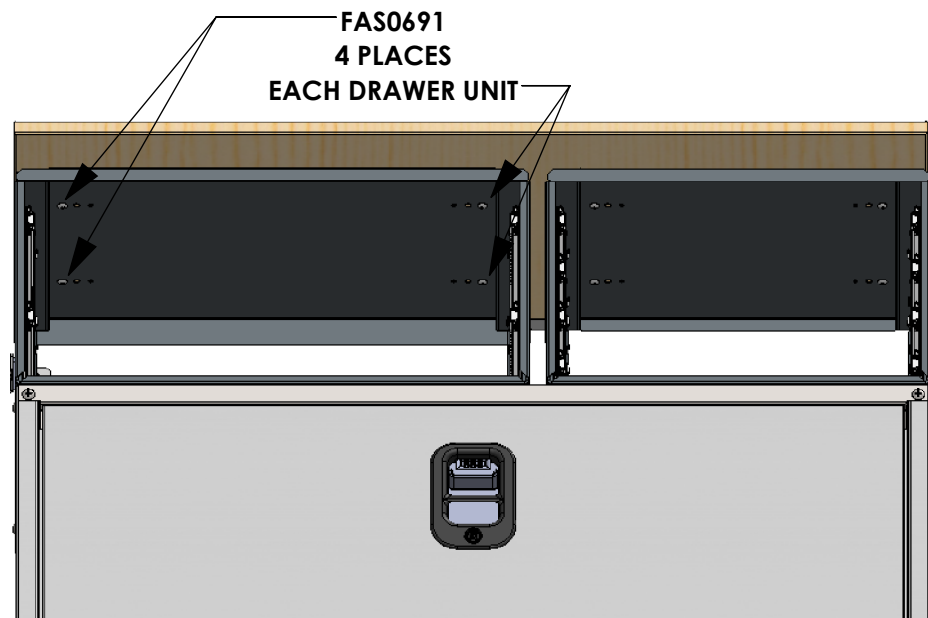
**STEP 5 - MOUNT WORKBENCH TOPS**

Step 5.1
ASSEMBLE 60105
WORKBENCH
TOP PER UNIT
INSTRUCTION.
LEAVE OFF
60102-G FROM
EACH END.

MOUNT 60105
WORKBENCH
TOP.
BE SURE TO LINE
UP THE END OF
THE BENCH TOP
TO THE SIDE OF
THE DRAWER
UNIT.

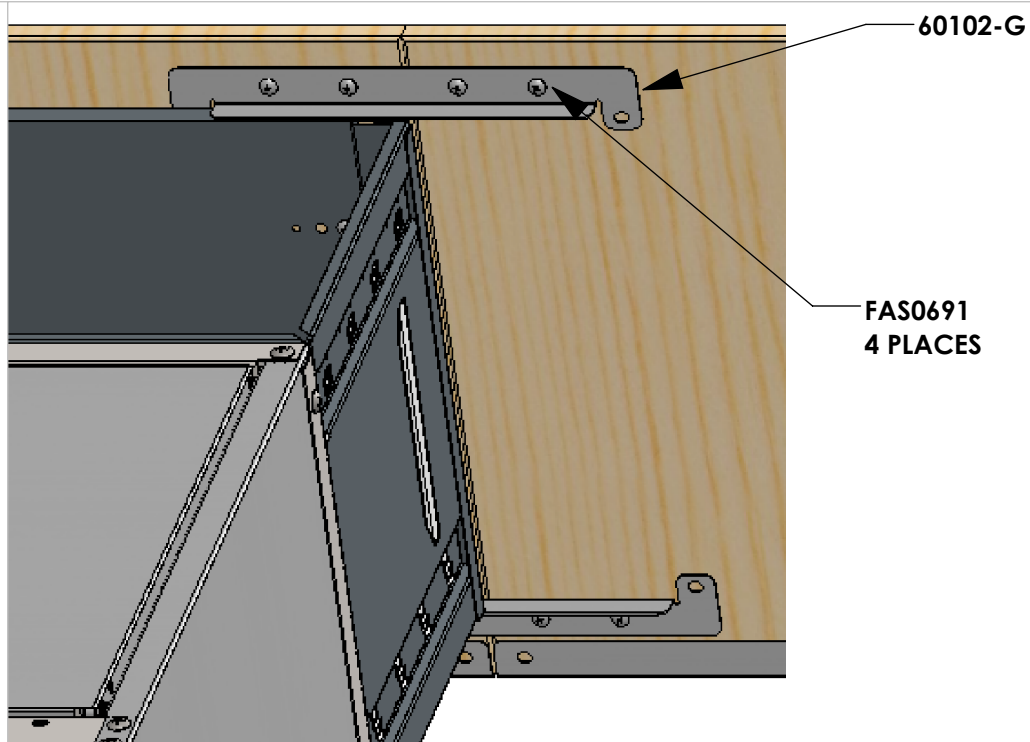
**EXACT
 PLACEMENT
 ATOP THE
 DRAWER UNITS
 WILL VARY BY
 VAN MODEL.*

ATTACH BENCH
TOP WITH
FAS0691
SCREWS THRU
THE OUTERMOST
HOLES (SMALL)
IN THE DRAWER
UNIT.

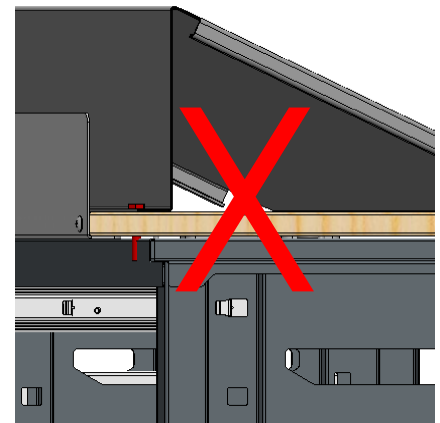
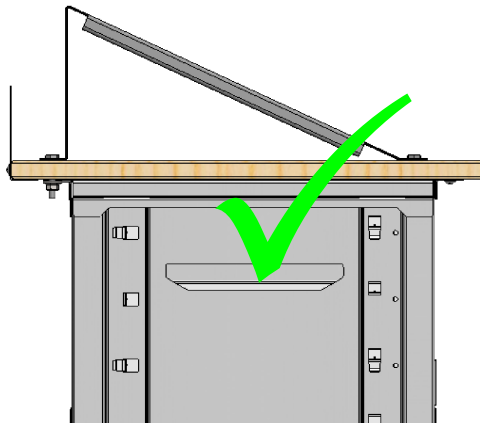
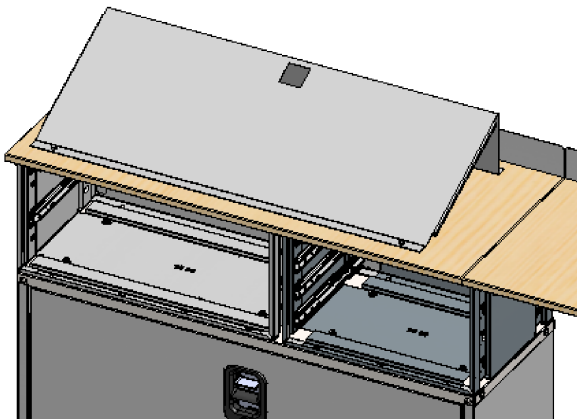
VIEW SHOWN FROM BELOW WORKBENCH TOP

STEP 5 - MOUNT WORKBENCH TOPS

Step 5.2
ATTACH 60102-G
BRACKET,
CENTERED
ACROSS THE
WORKBENCH
SEAM WITH
FAS0691

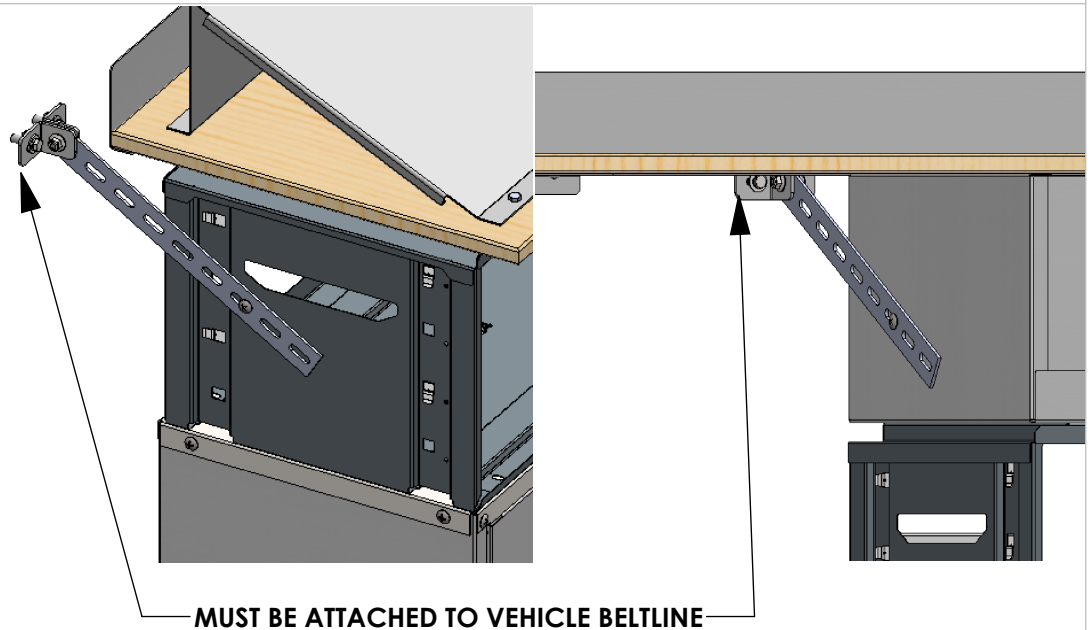
**STEP 6 - MOUNT KEY MACHINE BASE - IF APPLICABLE**

Step 6.1
WHEN
MOUNTING THE
KMB BE SURE TO
ALIGN THE UNIT
SO THAT WHEN
DRILLING, YOU
DON'T DRILL
INTO THE
VERTICAL EDGES
OF THE DRAWER
UNITS.
THE KMB
SHOULD BE 1.5"
AWAY FROM
THE 60100-G
RAIL. USE
FAS0079 AND
FAS0055 TO
ATTACH THE
KMB.



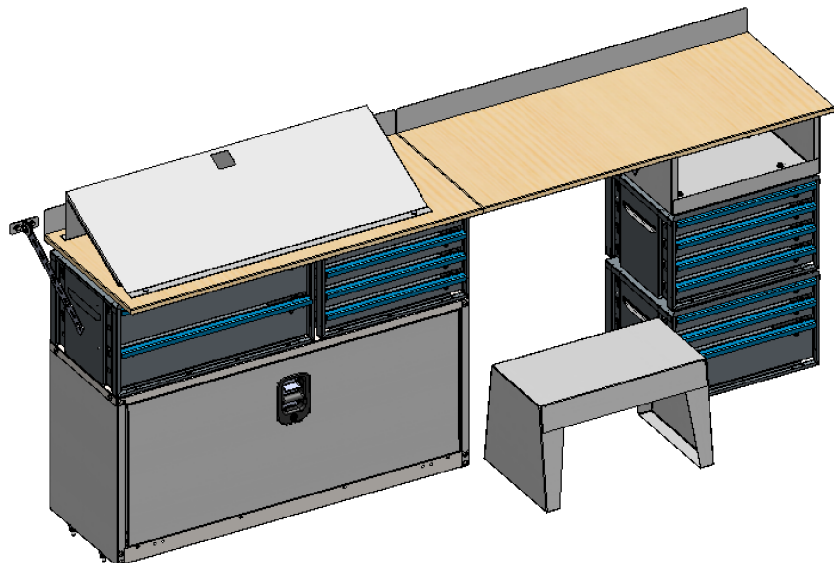
STEP 7 - ATTACH MOUNTING BRACKETS TO MODULE

Step 9.1
MOUNTING
BRACKETS MUST
BE ATTACHED
TO THE VEHICLE
BELTLINE,
MODELS VARY.



BE SURE ALL
FASTENERS ARE
FULLY TIGHTENED

INSTALLATION IS COMPLETE





ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

DRAWER UNIT, 14X18, A, 3, C

PRODUCT WEIGHT

31.35 LBS

WIDTH X DEPTH X HEIGHT

18" X 14" X 11.5"

CAPACITY

15LBS. PER SHALLOW

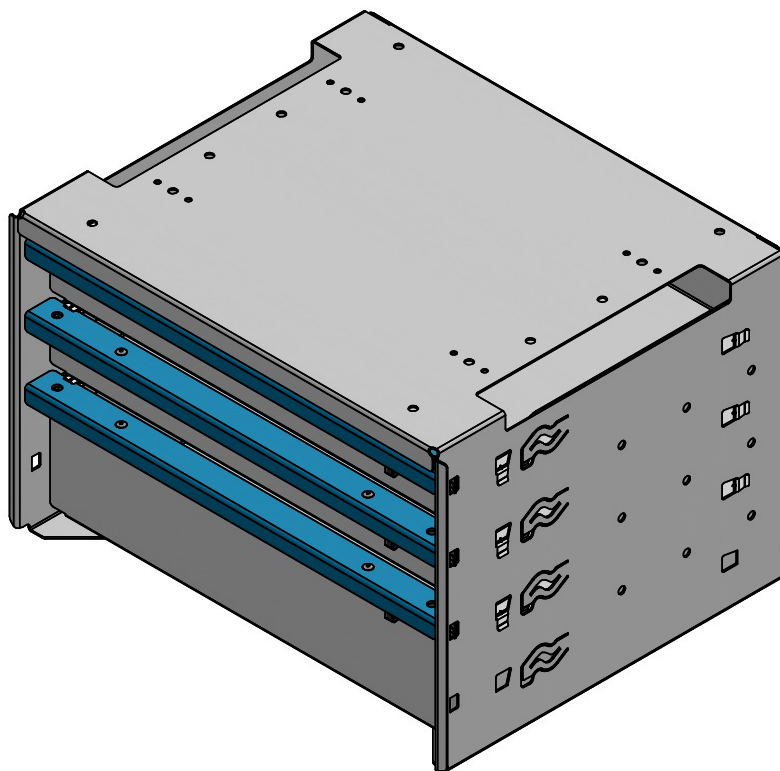
DRAWER

25LBS. PER DEEP

DRAWER

COLOR

ASC BLUE & GRAY



CATALOG NUMBER

ADUK1418A3C

PRODUCT FEATURES

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



DRAWER UNIT, 14X18, A, 3, C

CATALOG NUMBER **ADUK1418A3C**

PRODUCT APPLICATION

This unit is designed to be installed on Adrian Shelving with the use of the included riser kit or by stacking with other units and mounting directly to vehicle (not included).

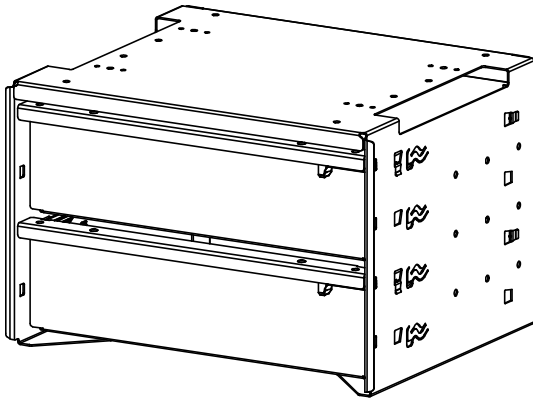
**NOTE: * - XX = WIDTH, # = NUMBER OF SHELVES
(EXAMPLE - ASFK2T1448G4)**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

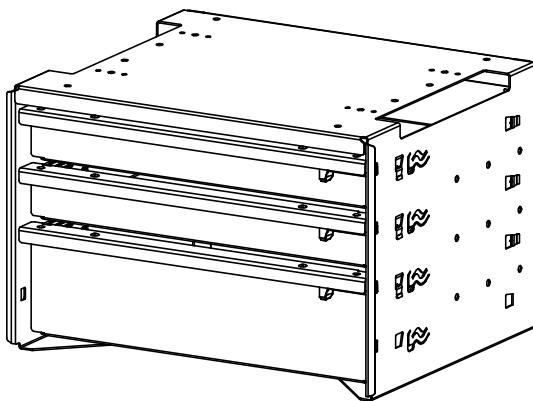
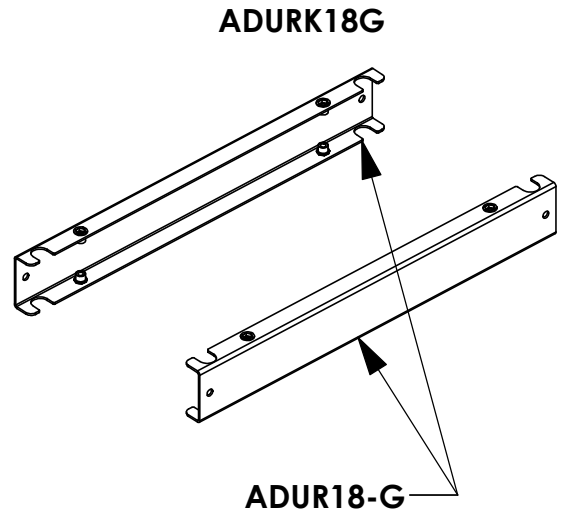
CATALOG NUMBER	DESCRIPTION (smart)
ADURK18	DRAWER UNIT, RISER KIT, 18
ADUK14182T	DRAWER UNIT, 14X18, A, 2, T
ADUK14184S	DRAWER UNIT, 14X18, A, 4, S
*ASFK2T14XXG#	NEXT GENERATION SHELVING KIT

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**THIS INSTRUCTION IS TO DEMONSTRATE THE ASSEMBLY AND INSTALLATION OF THE
ADRIAN SHELVING DRAWER UNIT PRODUCT LINE**

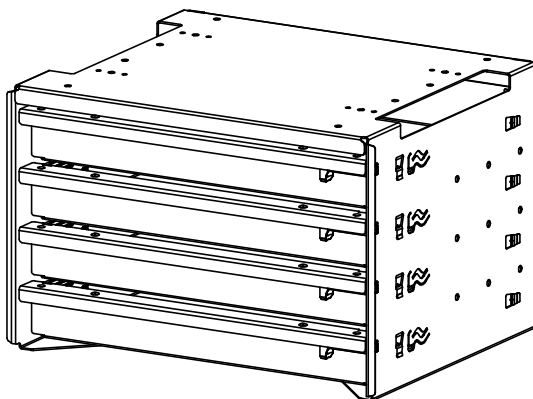
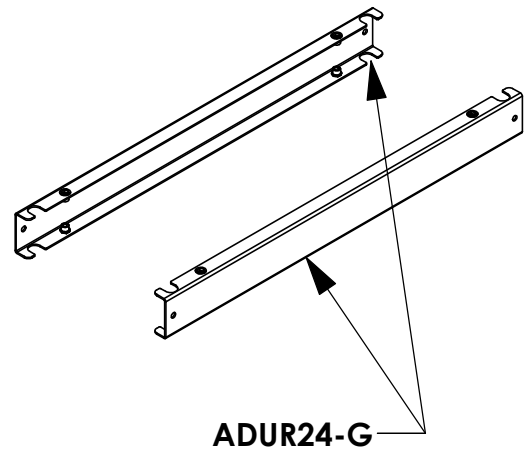


**ADUA1418A2T
ADUA1424A2T
ADUA1618A2T
ADUA1624A2T**



**ADUA1418A3C
ADUA1424A3C
ADUA1618A3C
ADUA1624A3C**

ADURK24G



**ADUA1418A4S
ADUA1424A4S
ADUA1618A4S
ADUA1624A4S**

TOOLS NEEDED:

**- IMPACT
- DRILL
- RIVET TOOL**

**- 7/16" SOCKET
- 7/16" WRENCH**

**- #3 PHILLIPS DRIVER
- 9/32" OR "K" DRILL BIT**

GET TO KNOW THE VEHICLE - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

SEAL ALL EXTERIOR HOLES - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

CONTROL DRILL DEPTH - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

ALWAYS ADD PRIMER - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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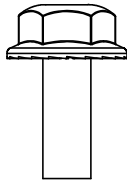
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

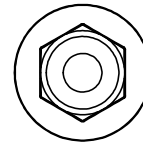
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

BAG REFERENCE: BAGADU



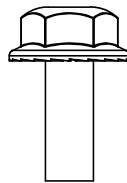
FAS0018
HEX FLANGE BOLT
1/4-20 X .63 LG
QTY: 04



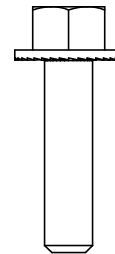
FAS0055
NYLOK FLANGE NUT
1/4-20 HEX
QTY: 04

FASTENERS USED

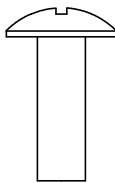
BAG REFERENCE: BAGADURK



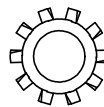
FAS0018
HEX FLANGE BOLT
1/4-20 X .63 LG
QTY: 08



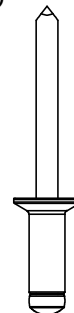
FAS0033
HEX FLANGE BOLT
1/4-20 X 1.00 LG
QTY: 02



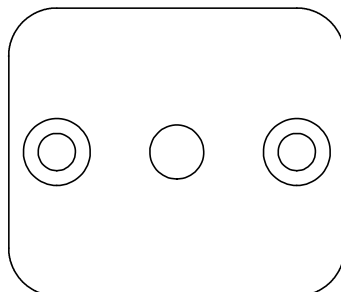
FAS0062
TRUSS HEAD PHILLIPS BOLT
1/4-20 X .75 LG
QTY: 02



FAS0066
STAR LOCK WASHER
1/4
QTY: 02



FAS0986
FLUSH MOUNT POP RIVET
3/16 X .188-.125
QTY: 04



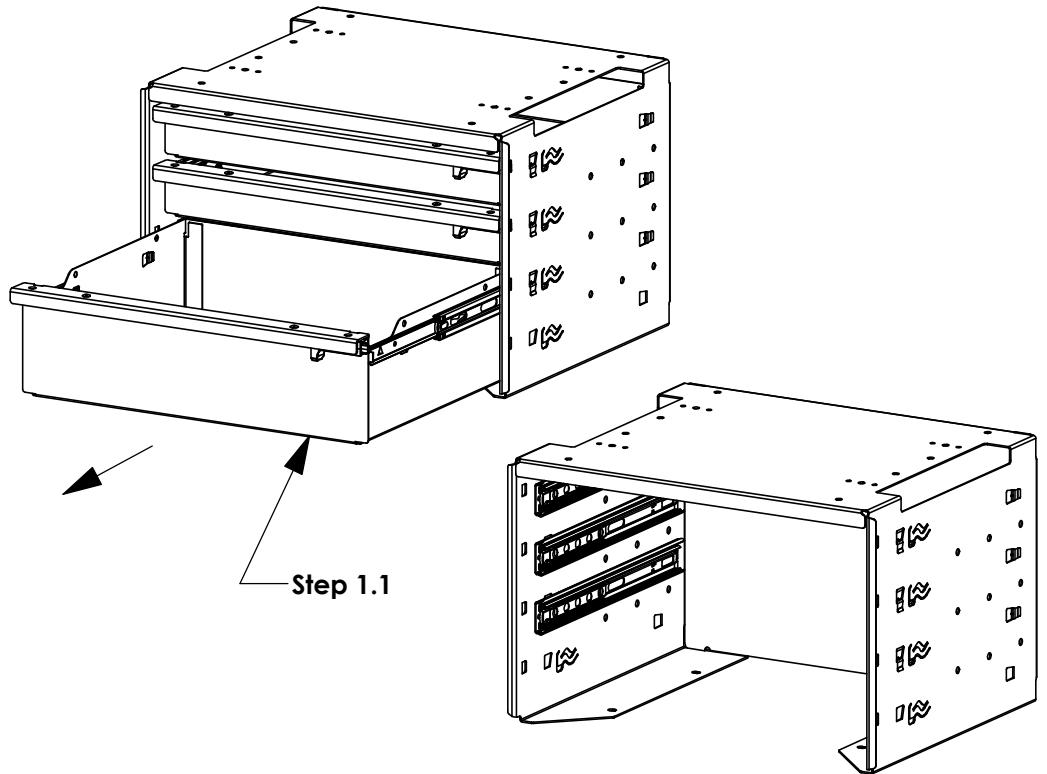
FADUSPACER
DRAWER UNIT SPACER
QTY: 02

INTENTIONALLY LEFT BLANK

STEP 1 - REMOVE DRAWERS FROM WRAPPER**Step 1.1**

**DISENGAGE TABS IN
SLIDES TO REMOVE
DRAWERS FROM
WRAPPER BODY**

**THIS IS TO PROVIDE
ACCESS TO
MOUNTING HOLES
AND ALLOW
SUFFICIENT TOOL
CLEARANCE**

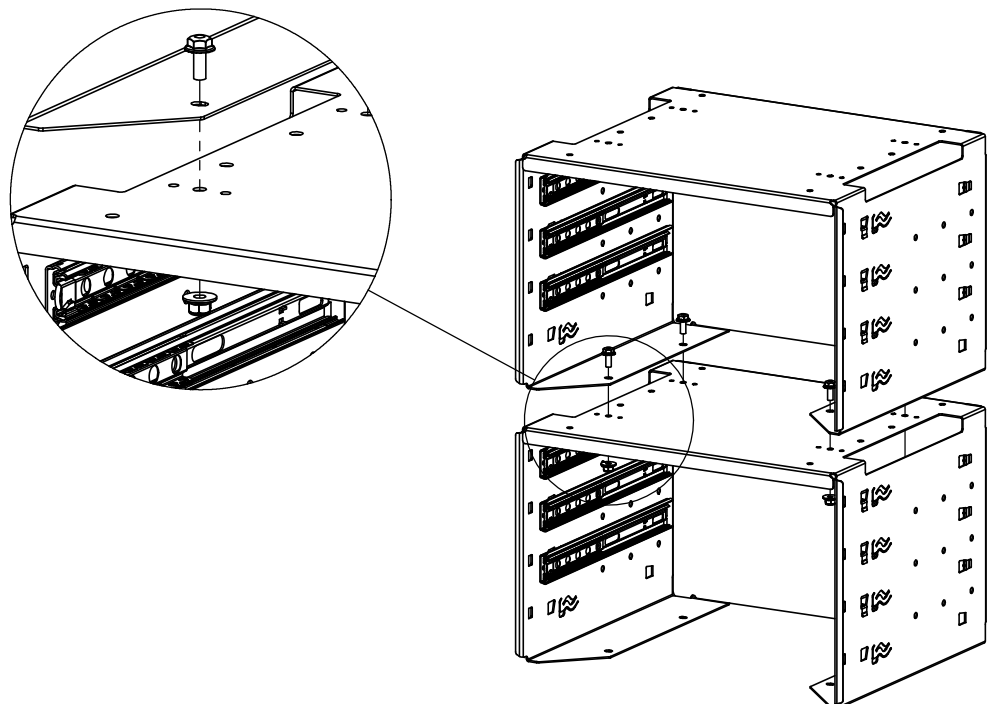
**STEP 2 - STACKING DRAWER UNITS**

*****SKIP TO STEP 3 IF INSTALLING DRAWER UNIT(S) ON SHELVING UNIT**

Step 2.1

**FULLY TIGHTEN
FAS0018 AND FAS0055**

**(04 PLACES)
7/16" WRENCH
7/16" SOCKET**



IF INSTALLING SHELF DIVIDERS ABOVE DRAWER UNIT, INSTALL THOSE AT THIS TIME!

DRAWER UNITS CAN BE INSTALLED ON SHELF AFTER THE SHELVING UNIT HAS BEEN INSTALLED IN THE VEHICLE!

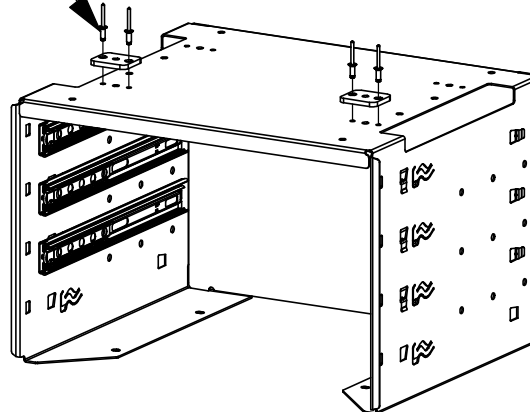
STEP 3 - ATTACH SPACERS TO TOP OF DRAWER UNIT (SHELF INSTALL ONLY!)

Step 3.1

**FULLY TIGHTEN
FADUSPACER AND
(2) FAS0986**

**(02 PLACES)
RIVET TOOL**

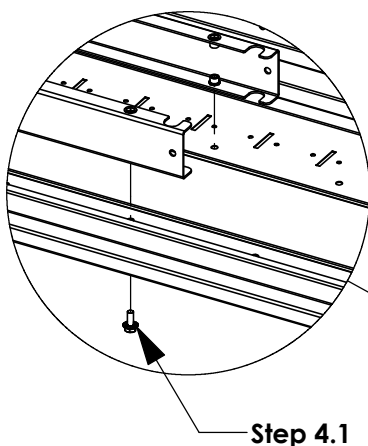
Step 3.1



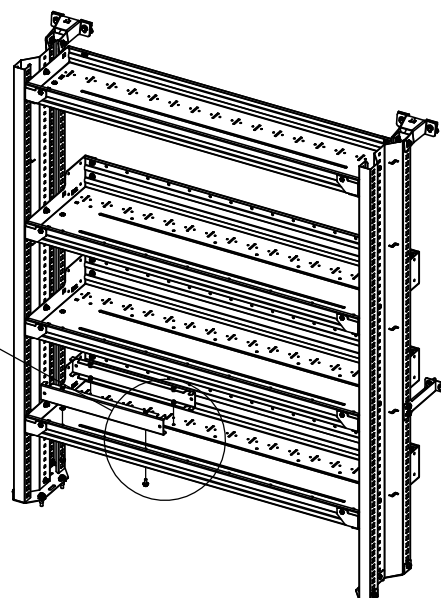
STEP 4 - ASSEMBLE RISER KIT TO SHELF (BOTTOM DRAWER UNITS ONLY!)

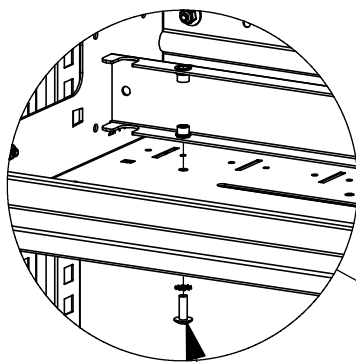
**Step 4.1
FULLY TIGHTEN
FAS0018**

**(04 PLACES)
7/16" SOCKET**

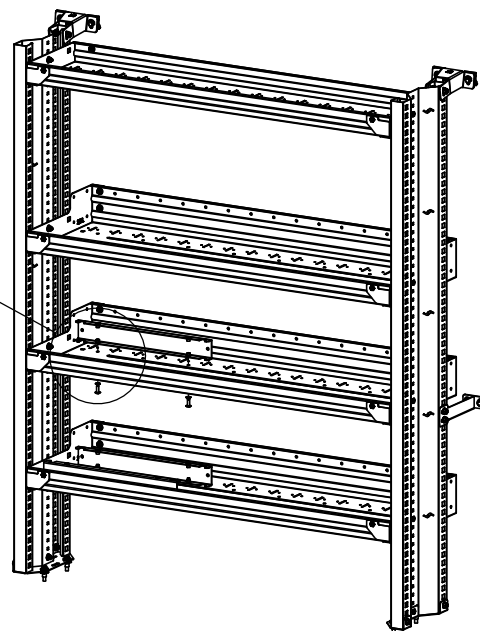
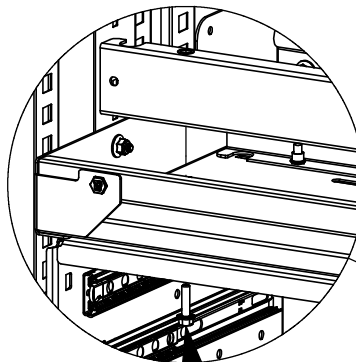


Step 4.1

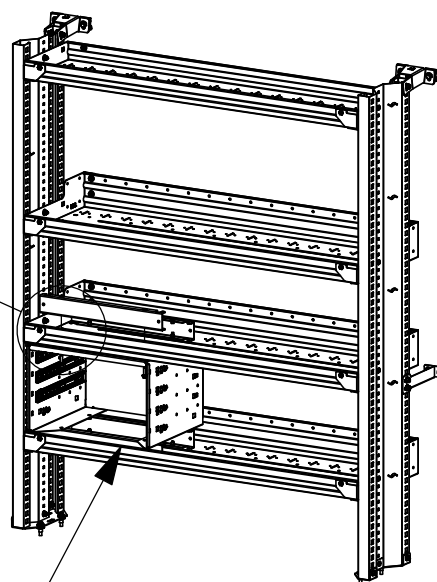


STEP 5A - ASSEMBLE REAR RISER TO SHELF (TOP DRAWER UNIT ONLY!)**Step 5A.1****FULLY TIGHTEN
FAS0062 AND FAS0066****(02 PLACES)
#3 PHILLIPS DRIVER**

Step 5A.1

**STEP 5B - ASSEMBLE FRONT RISER TO SHELF (TOP DRAWER UNIT ONLY!)****Step 5B.1****INSERT DRAWER-UNIT
BELOW**

Step 5B.2

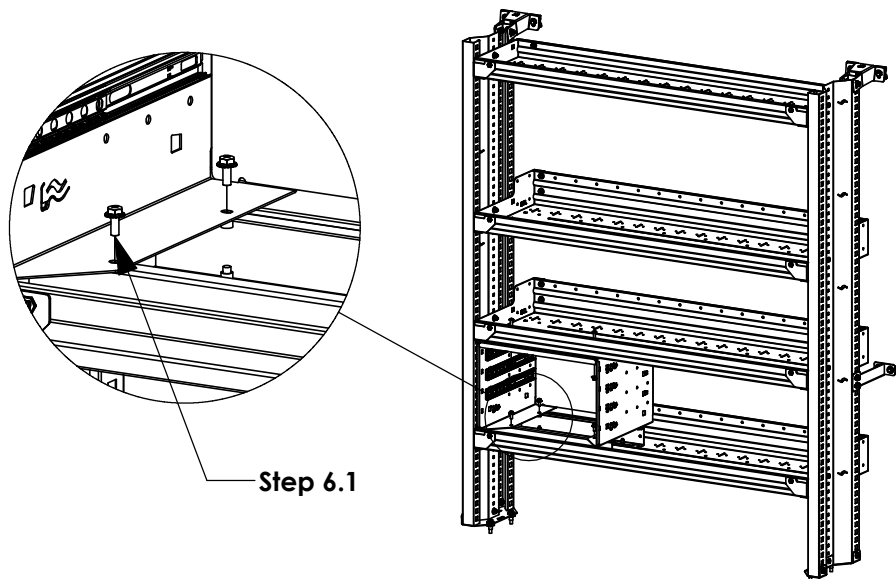
Step 5B.2**FULLY TIGHTEN
FAS0033****(02 PLACES)
7/16" SOCKET**

Step 5B.1

STEP 6 - ASSEMBLE DRAWER UNIT TO RISER**Step 6.1**

FULLY TIGHTEN
FAS0018

(08 PLACES)
7/16" SOCKET

**STEP 7 - ASSEMBLE TOP OF DRAWER UNIT TO SHELF ABOVE (TOP DRAWER UNIT ONLY!)****Step 7.1**

IF INSTALLING ON SHELF DIRECTLY BELOW TOP SHELF, MARK AND DRILL HOLES TO MOUNT

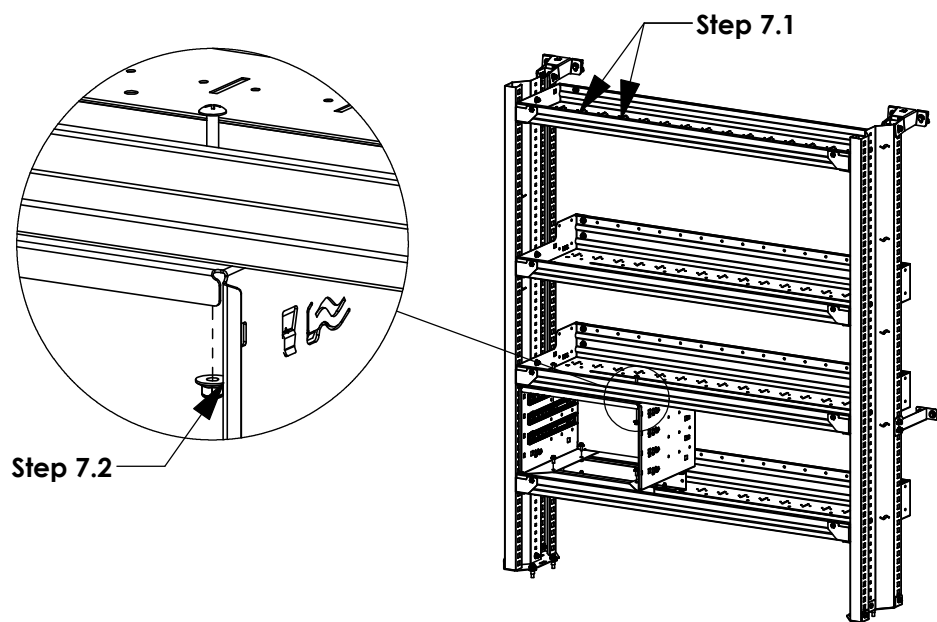
9/32" OR "K" DRILL BIT
(02 PLACES PER DRAWER UNIT)

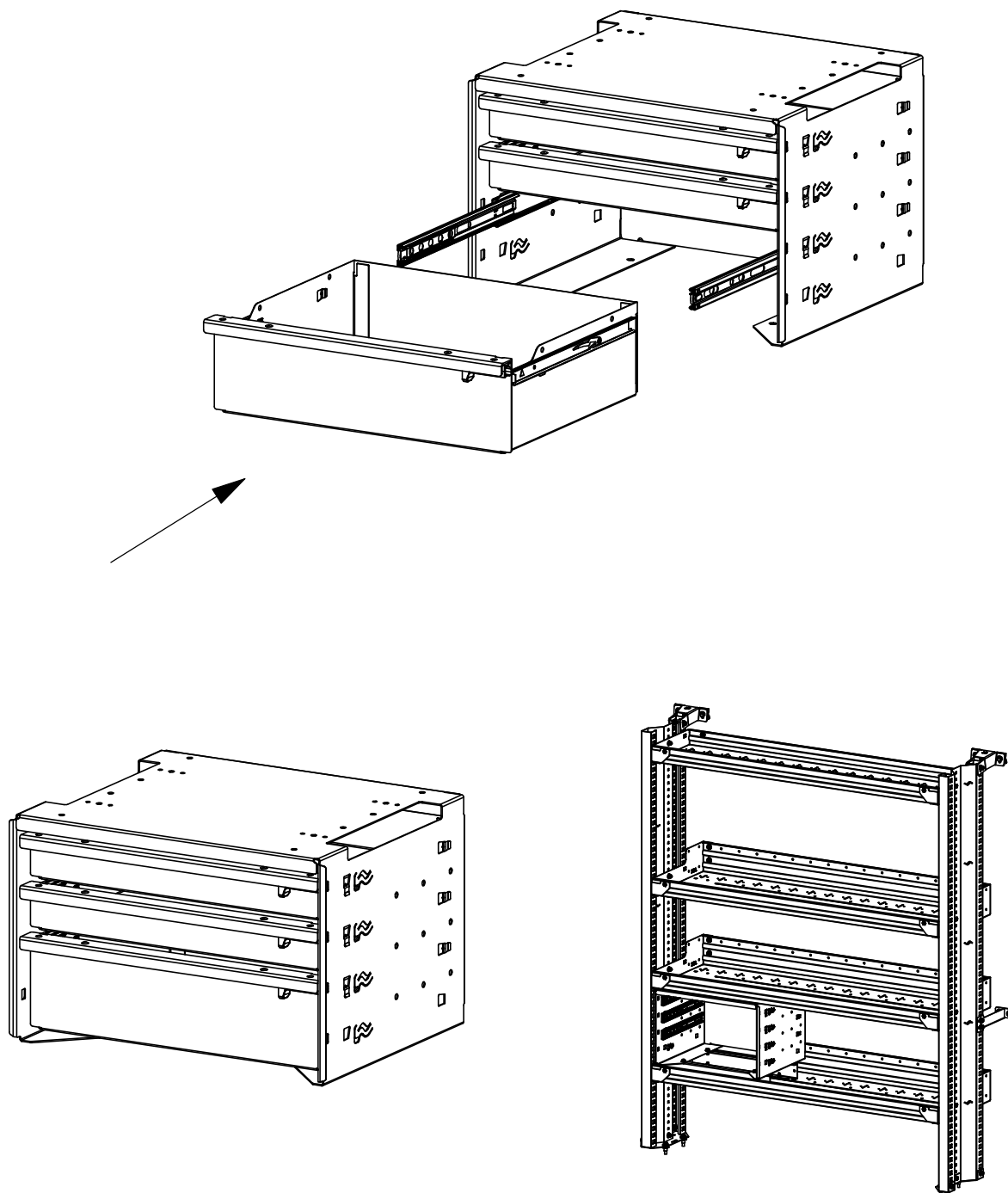
Step 7.2

FULLY TIGHTEN
FAS0062 AND FAS0055

(02 PLACES)
#3 PHILLIPS DRIVER
7/16" SOCKET

FRONT HOLES ONLY!



STEP 8 - INSERT DRAWERS BACK INTO SLIDES

ASSEMBLY/INSATLLATION IS NOW COMPLETE!



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

DRAWER UNIT, 14X18, A, 4, S

PRODUCT WEIGHT

35.10 LBS

WIDTH X DEPTH X HEIGHT

18" X 14" X 11.5"

CAPACITY

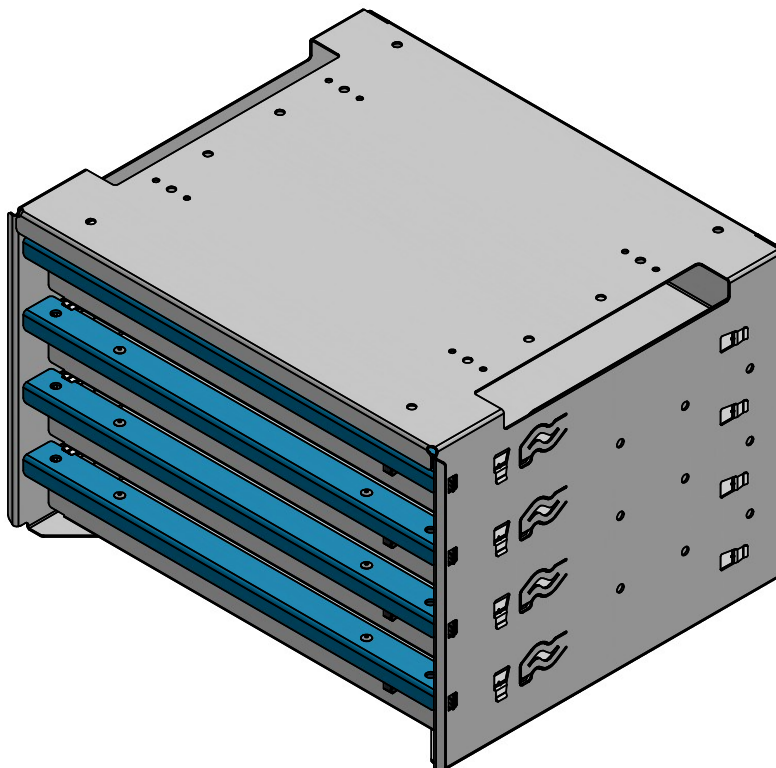
**15LBS. PER SHALLOW
DRAWER**

COLOR

ASC BLUE & GRAY

CATALOG NUMBER

ADUK1418A4S



PRODUCT FEATURES

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



DRAWER UNIT, 14X18, A, 4, S

CATALOG NUMBER ADUK1418A4S

PRODUCT APPLICATION

This unit is designed to be installed on Adrian Shelving with the use of the included riser kit or by stacking with other units and mounting directly to vehicle (not included).

**NOTE: * - XX = WIDTH, # = NUMBER OF SHELVES
(EXAMPLE - ASFK2T1448G4)**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION (smart)
ADURK18	DRAWER UNIT, RISER KIT, 18
ADUK14182T	DRAWER UNIT, 14X18, A, 2, T
ADUK14183C	DRAWER UNIT, 14X18, A, 3, C
*ASFK2T14XXG#	NEXT GENERATION SHELVING KITS

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ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

DRAWER UNIT, 14X24, A, 2, T

PRODUCT WEIGHT

33.04 LBS

WIDTH X DEPTH X HEIGHT

24" X 14" X 11.5"

CAPACITY

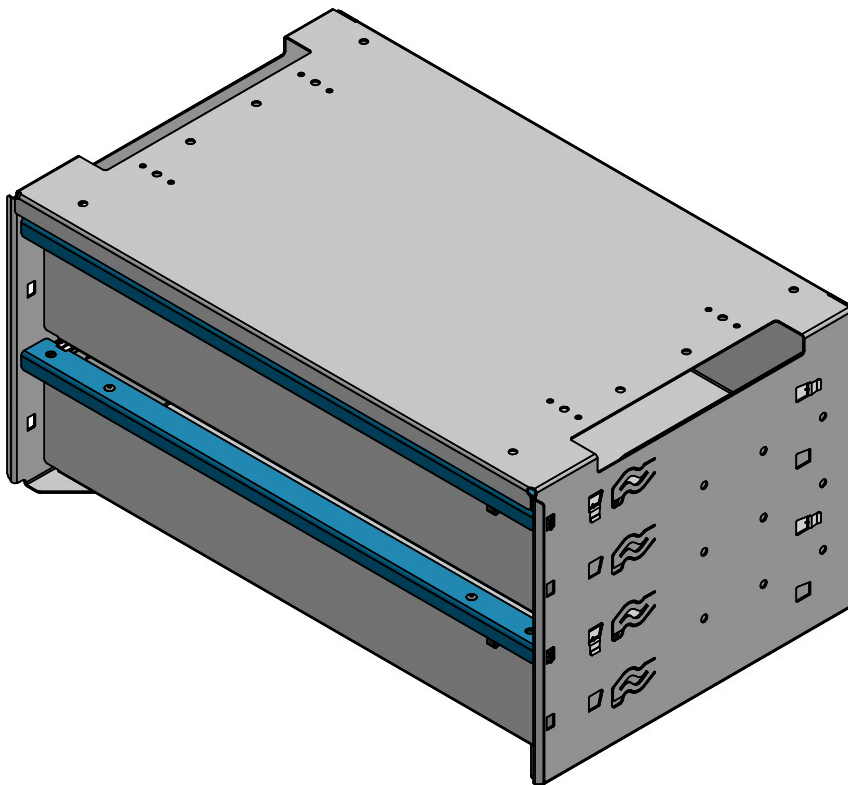
**25LBS PER DEEP
DRAWER**

COLOR

ASC BLUE & GRAY

CATALOG NUMBER

ADUK1424A2T



PRODUCT FEATURES

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



DRAWER UNIT, 14X24, A, 2, T

CATALOG NUMBER ADUK1424A2T

PRODUCT APPLICATION

This unit is designed to be installed on Adrian Shelving with the use of the included riser kit or by stacking with other units and mounting directly to vehicle (not included).

**NOTE: * - XX = WIDTH, # = NUMBER OF SHELVES
(EXAMPLE - ASFK2T1448G4)**

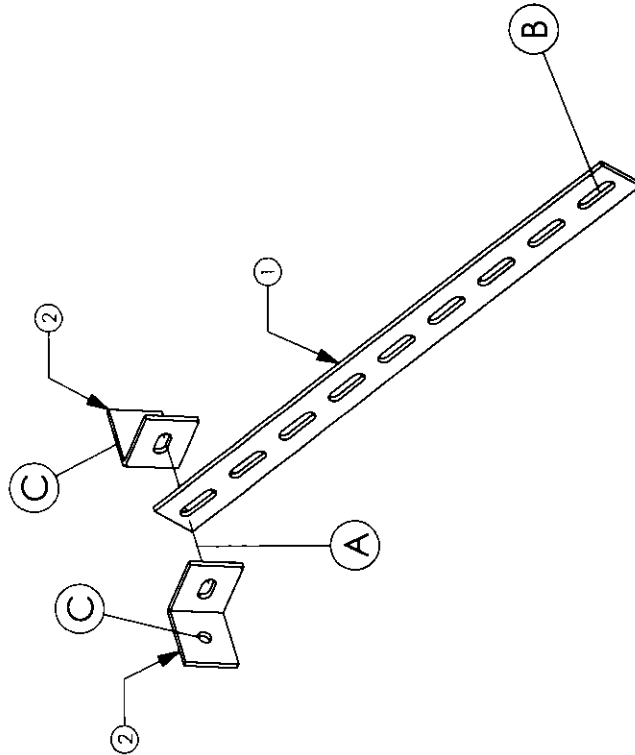
ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER	DESCRIPTION (smart)
ADURK24	DRAWER UNIT, RISER KIT, 24
ADUK14243C	DRAWER UNIT, 14X24, A, 3, C
ADUK14244S	DRAWER UNIT, 14X24, A, 4, S
*ASFK2T14XXG#	NEXT GENERATION SHELVING KITS

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time with prior notification.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	MB120	MOUNTING STRAP	1
2	MB118	MOUNT ANGLE/GALV	2

THIS IS A TYPICAL TEE BRACKET MOUNTING SET-UP FOR MOUNTING KD UNITS OR MODULES TO THE HEADER RAIL OF THE VEHICLE.



ASSEMBLY FASTENERS

- 1/4-20 X 3/4 HH.SCW.
 1/4-20 HEX FLANGE NUT
 1/4-20 X 1/2 THP.SCW.

INSTALLATION FASTENERS

- 1/4-20 PLUSNUT "PB"
 1/4 SPLIT RING LWASHER
 1/4 PLAIN FLAT WASHER
 1/4-20 X 1 HH.SCW.FT.
 1/4-20 X 1-1/2 HH.SCW.FT.

QTY
 1
 2
 1

QTY
 2
 2
 2
 2
 1



ADRIAN STEEL

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

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

RELEASED CHK'D: BDS
 EN-6071 6/8/02 MAE

REVISED CHK'D: ~~THP~~
 EN-7197 2/20/04 BDS

Description:
 REDRAWN IN SOLIDWORKS

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

Description:
 TEXT

**STANDARD TOLERANCES
 UNLESS OTHERWISE NOTED:**

- 0.0 = ± .125
 0.00 = ± .062
 0.000 = ± .031
 0° = ± 2°
 0.0° = ± 1°

Material Thickness = per AISI
 Notches, Slots, Holes = ± .015

MATERIAL: .125 GALV BAR
 Area (Sq.Ft.):
 Weight (lbs.): **0.89**

FINISH: NATURAL
 Coverage (Sq.Ft.):
 Weight (lbs.):

DESIGNED BY **DRAWN BY** **CHECKED BY**
BDS **BDS**

SCALE: 1:4 **DATE: 2/20/04**
 Part Description

TEE BRACKET ASSY
 ()

Size **A** SHEET 1 of 1

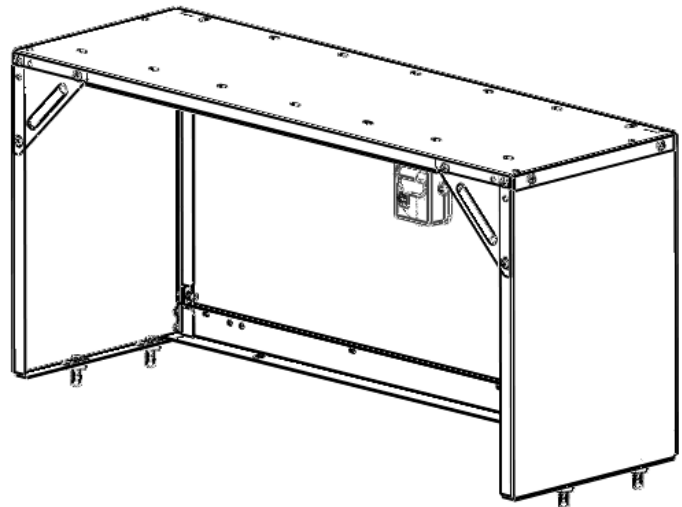
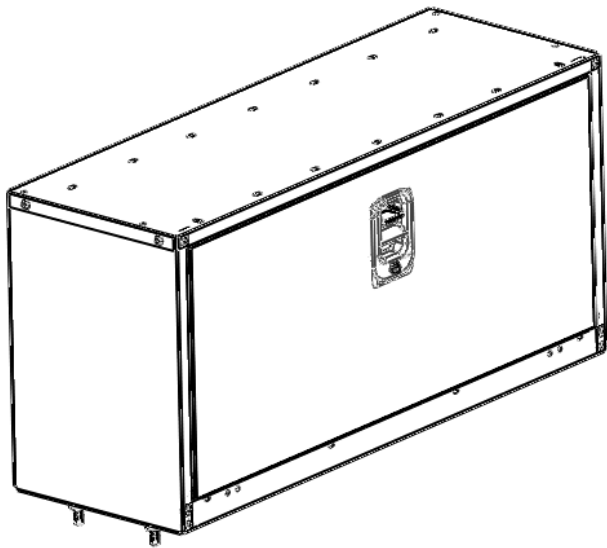
Print Number **A-MB115** Issue **A**

Introduction / Comments:

This product (40H) is designed to be installed over the driver and/or passenger rear wheelhouse covers of the medium and high roof Promaster vehicles. The unit also provides internal storage and a mounting platform for additional modular cabinets.

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.



40H WHEELHOUSE BIN, PROMASTER

- 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 PRE-
VENT EXHAUST FUMES FROM ENTERING THE**



 **DANGER** 
**INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH
VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO
DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYS-
TEMS OR INJURY TO INSTALLER DURING INSTALLATION**



 **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, SOCK-
ETS AND/OR



SCREWDRIVERS

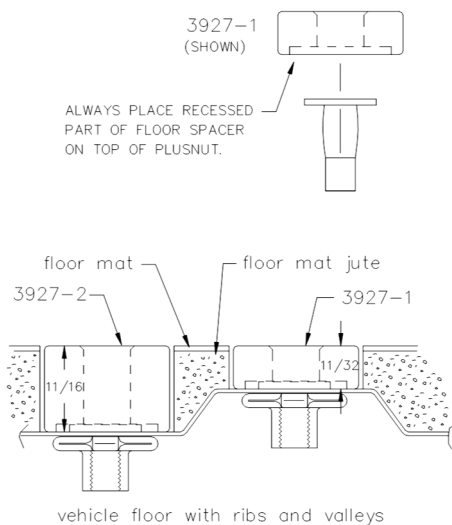


MEASURING TAPE

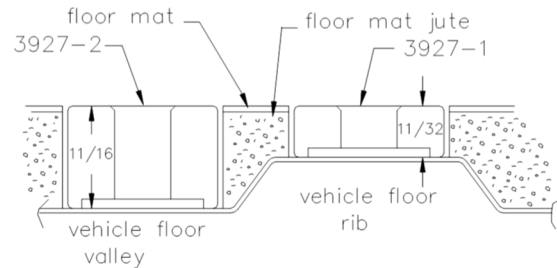
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

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.

Spacer Use and Installation



Placing the properly sized spacer on top of the vehicle floor pan will make your Adrian interior level, square, and sound. The view below shows the proper sized spacer for the different heights of the vehicle floor. Make sure to place the spacers with the plusnut relief surface down as shown.



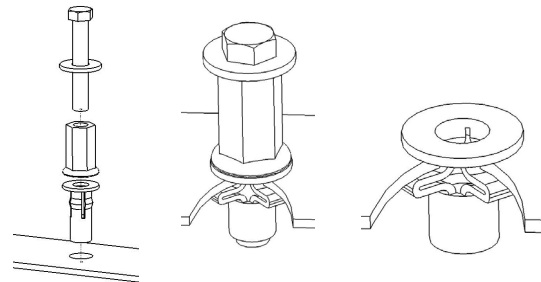
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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



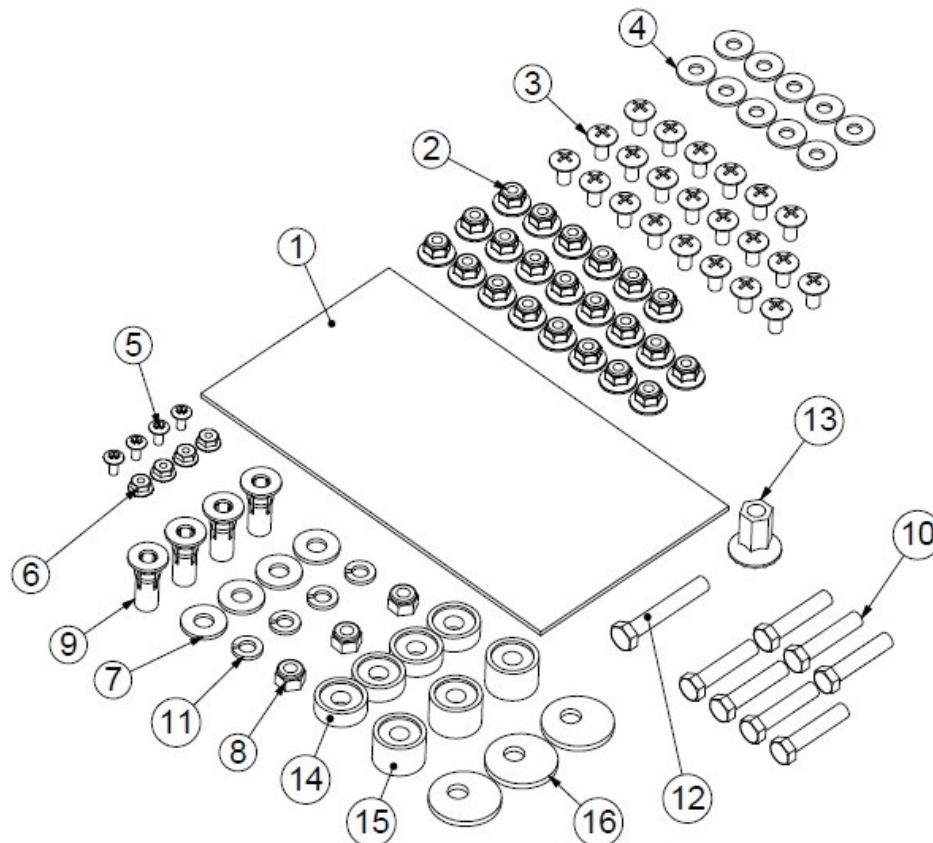
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).



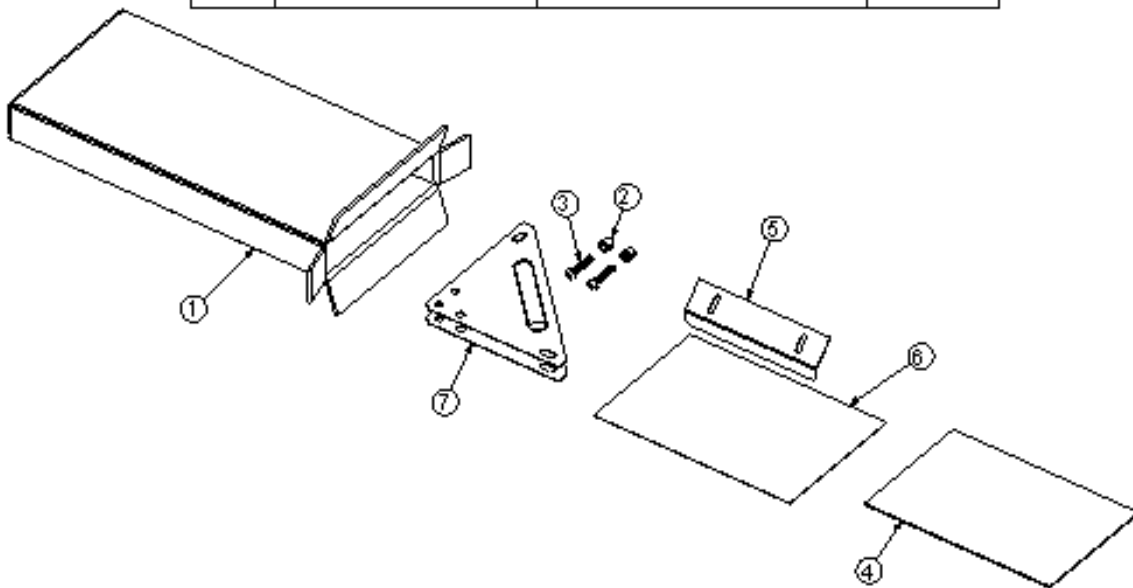
Installation and/or Assembly Fasteners
BAG00004-0

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0509-A	5"X9" 4MIL AUTOBAG	1
2	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	22
3	FAS0061	Screw, Truss Hd. Ph, 1/4-20x0.50	22
4	FAS0067	WASHER,FLAT USS 1/4 ZP	10
5	FAS0001	Screw, Truss Hd. Ph, #8-32x0.38	4
6	FAS0013	Nut, Hex Flange, #8-32	4
7	FAS0086	WASHER,FLAT USS 5/16 ZP	4
8	FAS0090	NUT,HEX NLK 5/16-18 ZP	3
9	FAS0091	Plusnut, 5/16	4
10	FAS0092	Screw, Hex Hd, 5/16-18x1.50 Zn Plate, G8	7
11	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	4
12	FAS0602	Screw, Hex Hd, 5/16-18x2.00 Zn-Ni (1000 hour) Grade 8	1
13	22200-0	Plus Nut tool	1
14	03927-1	SPACER,FLR,1010,11/32 ZP	4
15	03927-2	SPACER, FLR, 1010, 11/16 ZP	3
16	21166-0	ECCENTRIC WASHER	3



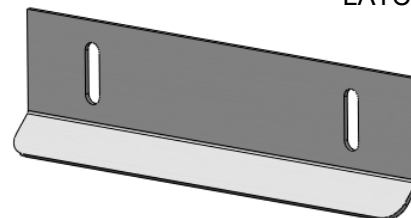
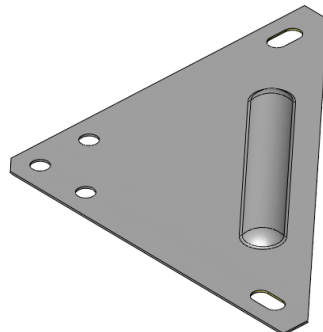
Installation Hardware/Components
HDW40H

ITEM NO.	PART NUMBER	DESCRIPTION	HDW40/QT Y.
1	CRT06987-A	SMALL CARTON	1
2	40658	HEYCO #2030 BUSHING	2
3	FAS0786	1/4-20 X 1-1/4" BHCS SS	2
4	46536	INSTR, ASSEMBLY, 40H	1
5	46481-G	LATCH, DOOR, 40H, GRY	1
6	BAG00004-0	FASBAG FOR #40 BIN/KD	1
7	GS6X6	GUSSET 6"	2

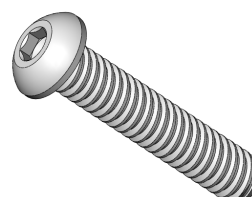


GS6X6
GUSSET 6", GRY
QTY = 2

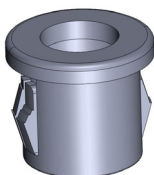
46481-G
LATCH, DOOR, 40H



FAS0786
SCREW, BHCS,
1/4-20UNC X 1-1/4"
QTY = 2

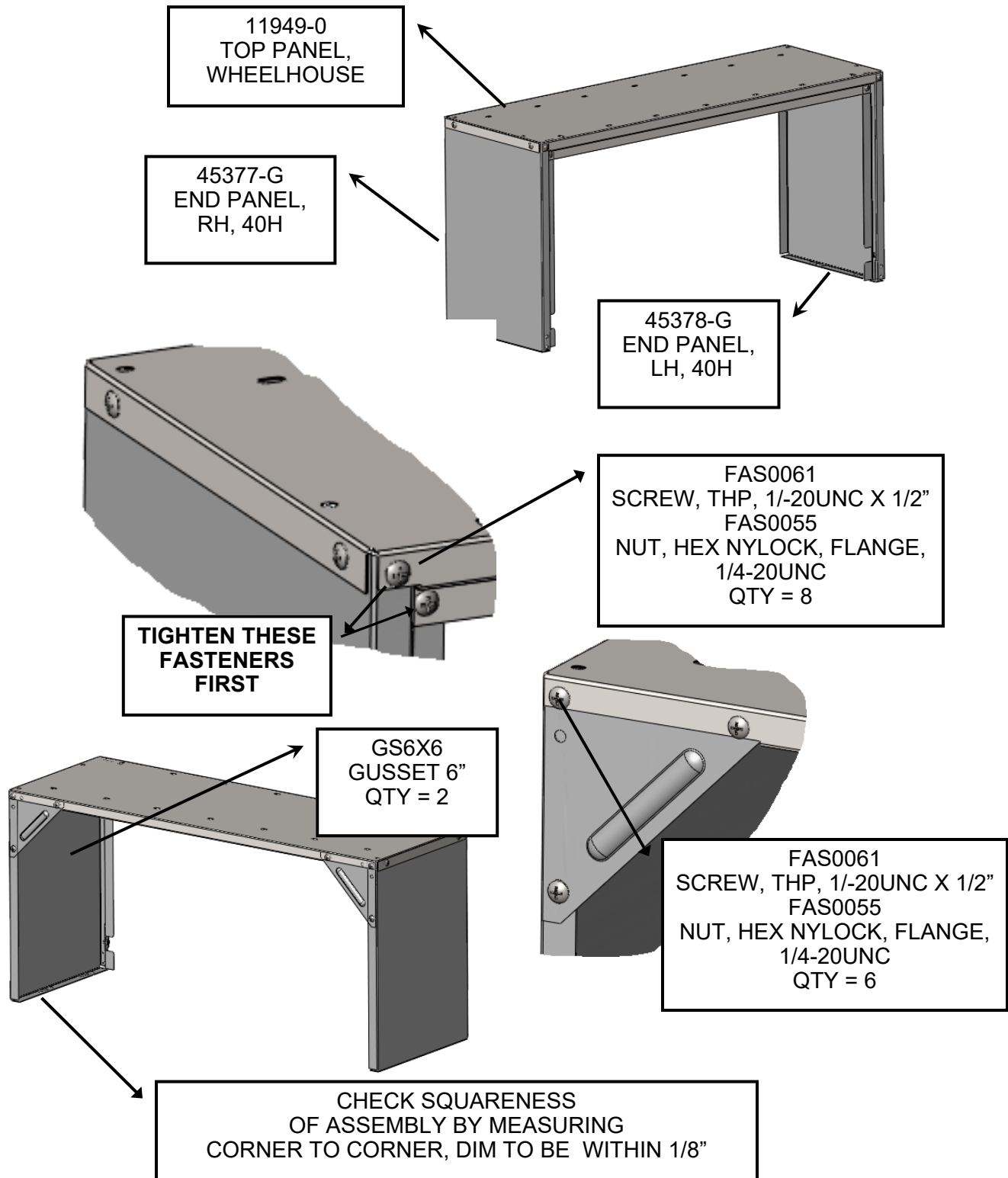


40658
HEYCO #2030 BUSHING
QTY = 2

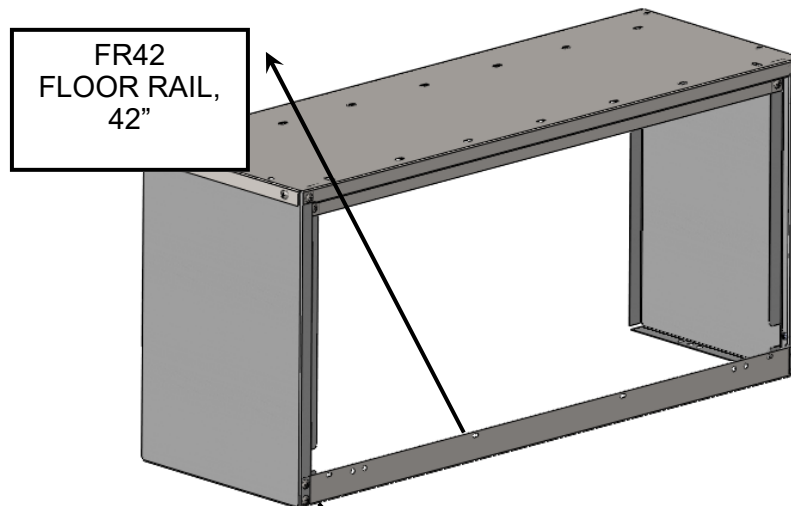


STEP 01

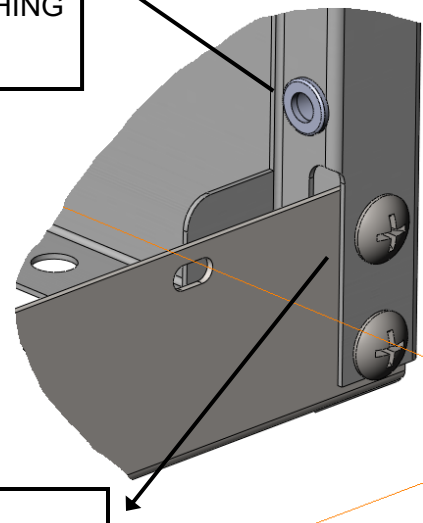
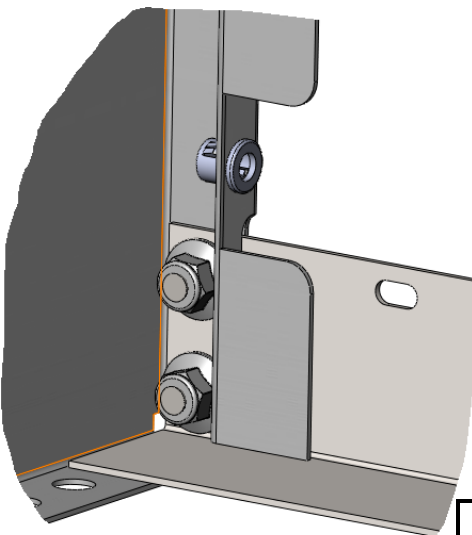
**Secure LH & RH End Panels (45377-G & 45378-G) to the Top Panel (11949-0)
Secure Support Gussets (GS6X6) to the end panels and top panel
(use fasteners listed)**



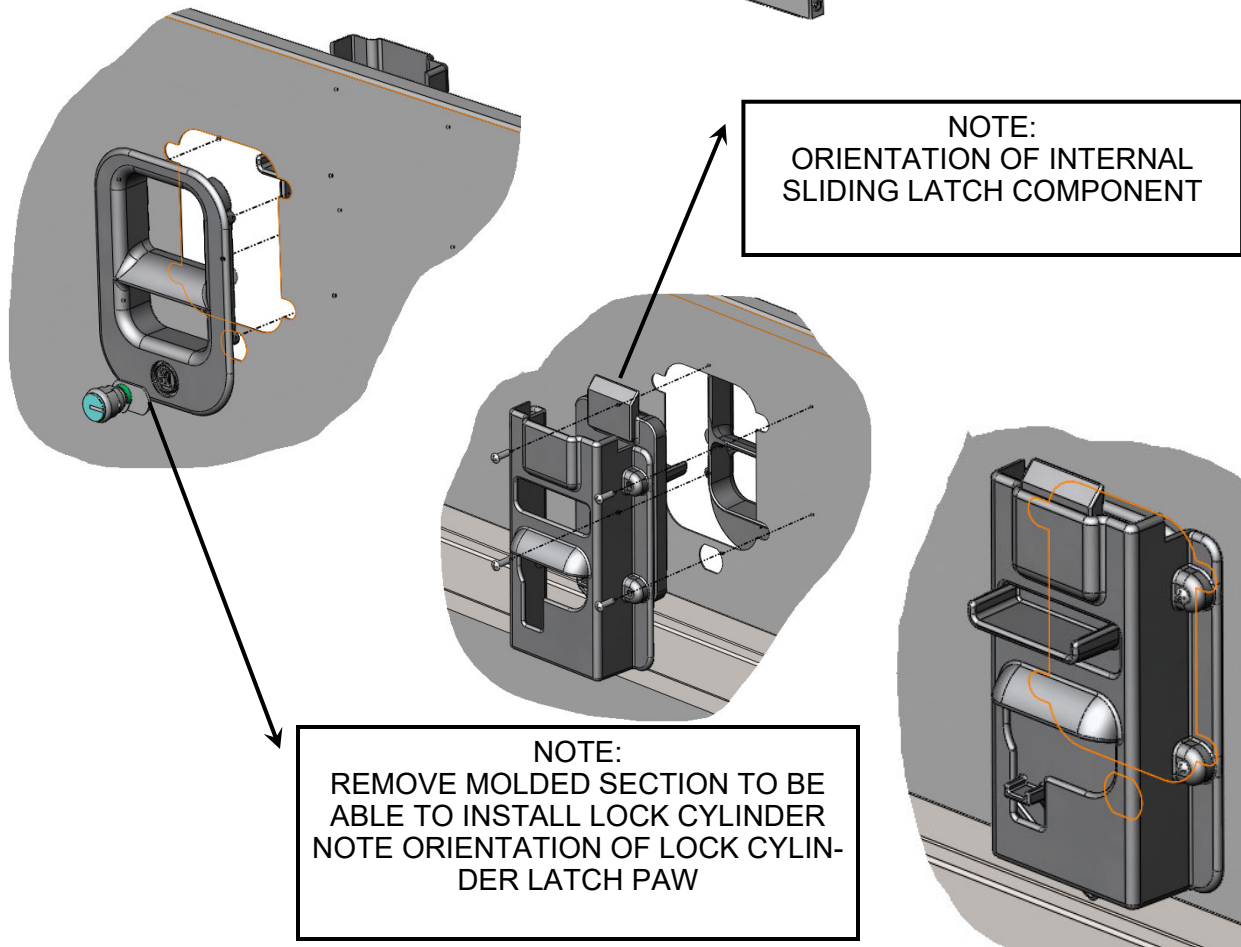
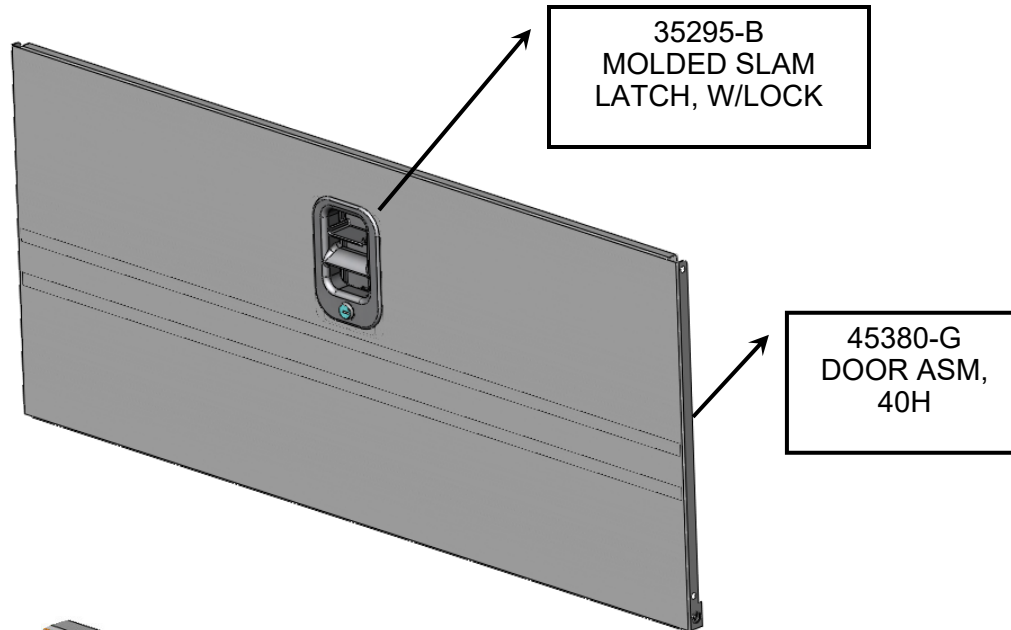
STEP 02
Install Floor Rail (FR42) to End Panels (fr: Step 01)
Install Heyco #2330 Bushings (40658) into End Panels
(use fasteners listed)



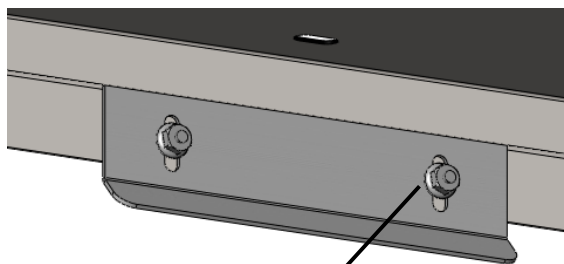
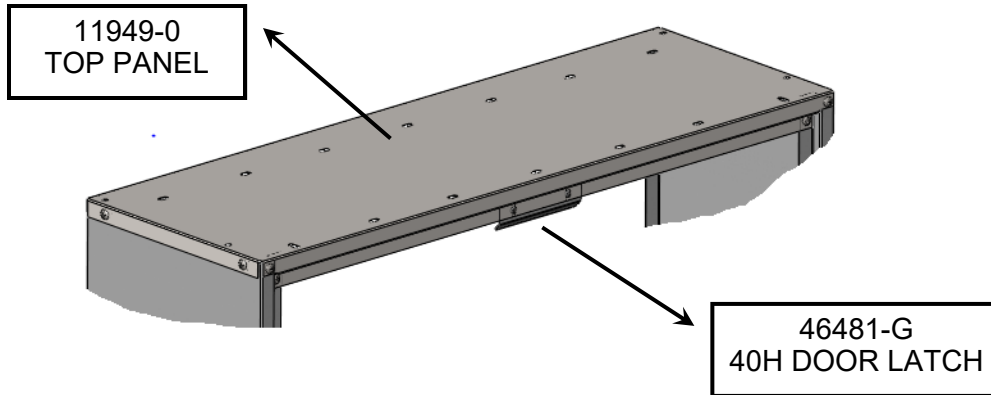
CHECK SQUARENESS
OF ASSEMBLY BY MEASURING
CORNER TO CORNER
DIM TO BE WITHIN 1/8"



STEP 03
Install Door Molded Slam Latch (35295-B) with Lock Cylinder (25296-0)
into Door Assembly (35380-G)

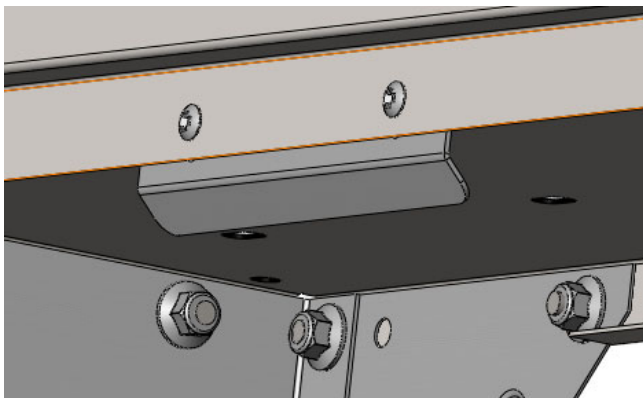
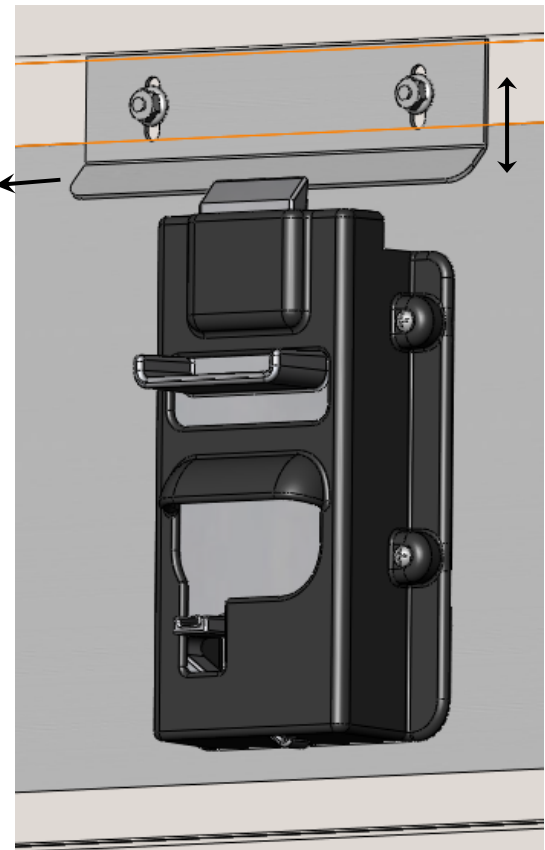


STEP 04
Attach Door Latch (46481-G) to the top panel (11949-0)
(use fasteners listed)

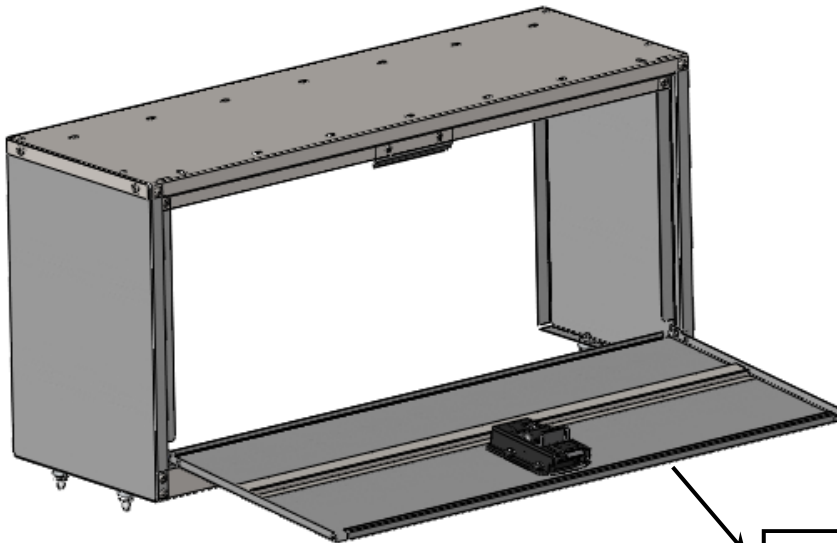


FAS0001
SCREW, THP,
#8-32UNC X 3/8"
FAS0013
NUT, HXFLNG,
#8-32UNC
QTY = 2

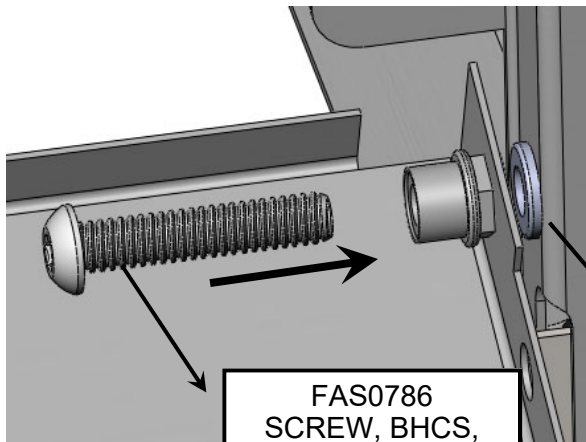
NOTE:
POSITION OF
DOOR LATCH MAY
NEED ADJUSTING
AFTER INSTALLA-
TION OF DOOR
ASM IN NEXT
STEP



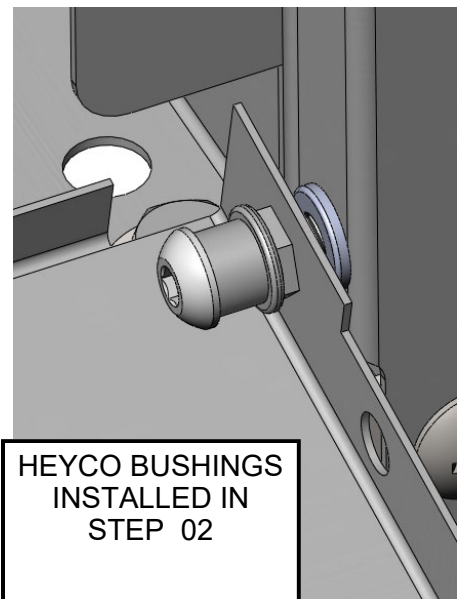
STEP 05 Install Door Asm into Wheelhouse Bin



POSITION DOOR AS-
SEMBLY AS SHOWN.
SECURE TO SIDE END
PANELS AS OUTLINED
IN BOTTOM TWO VIEWS

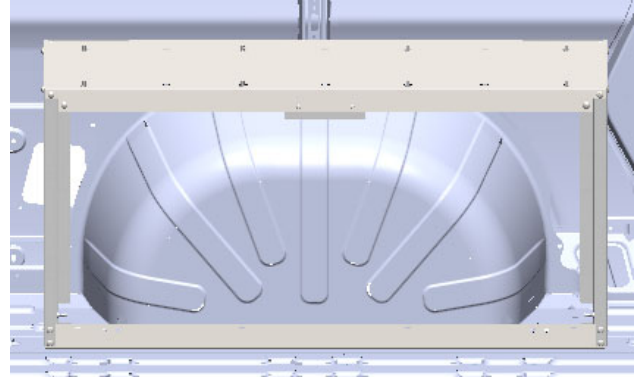
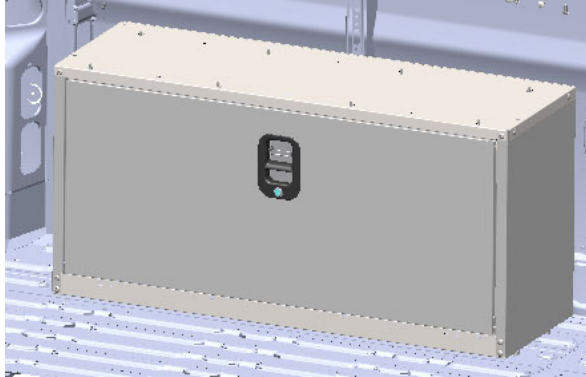


FAS0786
SCREW, BHCS,
1/4-20UNC X 1.25"
QTY = 2



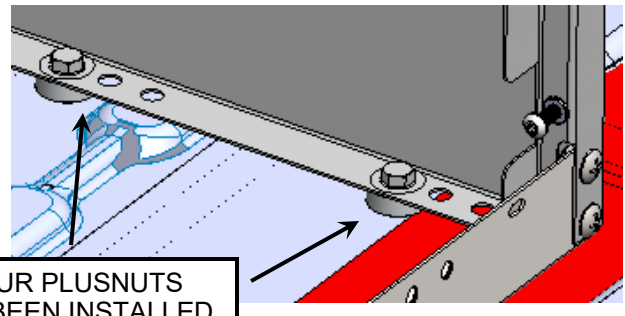
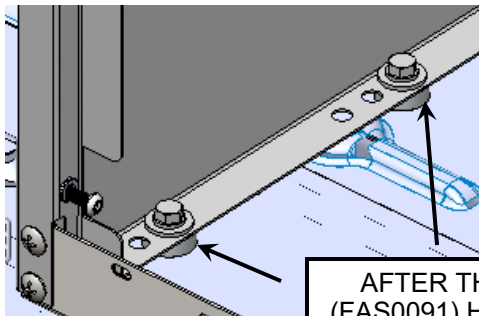
HEYCO BUSHINGS
INSTALLED IN
STEP 02

STEP 06 INSTALLATION OF 40H WHEELHOUSE BIN INTO PROMASTER VEHICLE (Drivers side and/or Passengers side installation)



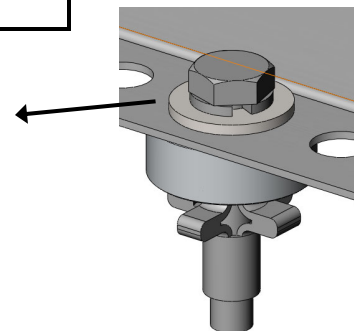
POSITION 40H WHEELHOUSE BIN AS SHOWN.
CENTERED OVER OEM REAR WHEEL SHEET METAL.
SEE PAGE 13 of 14 FOR OEM BRAKE LINE CAUTION

MARK THE FOUR FLOOR MOUNTING LOCATIONS INDICATED BELOW.
SET WHEELHOUSE ASM ASIDE.
INSTALL 5/16-18UNC PLUSNUTS (FAS0091) PER ASCO INSTRUCTIONS

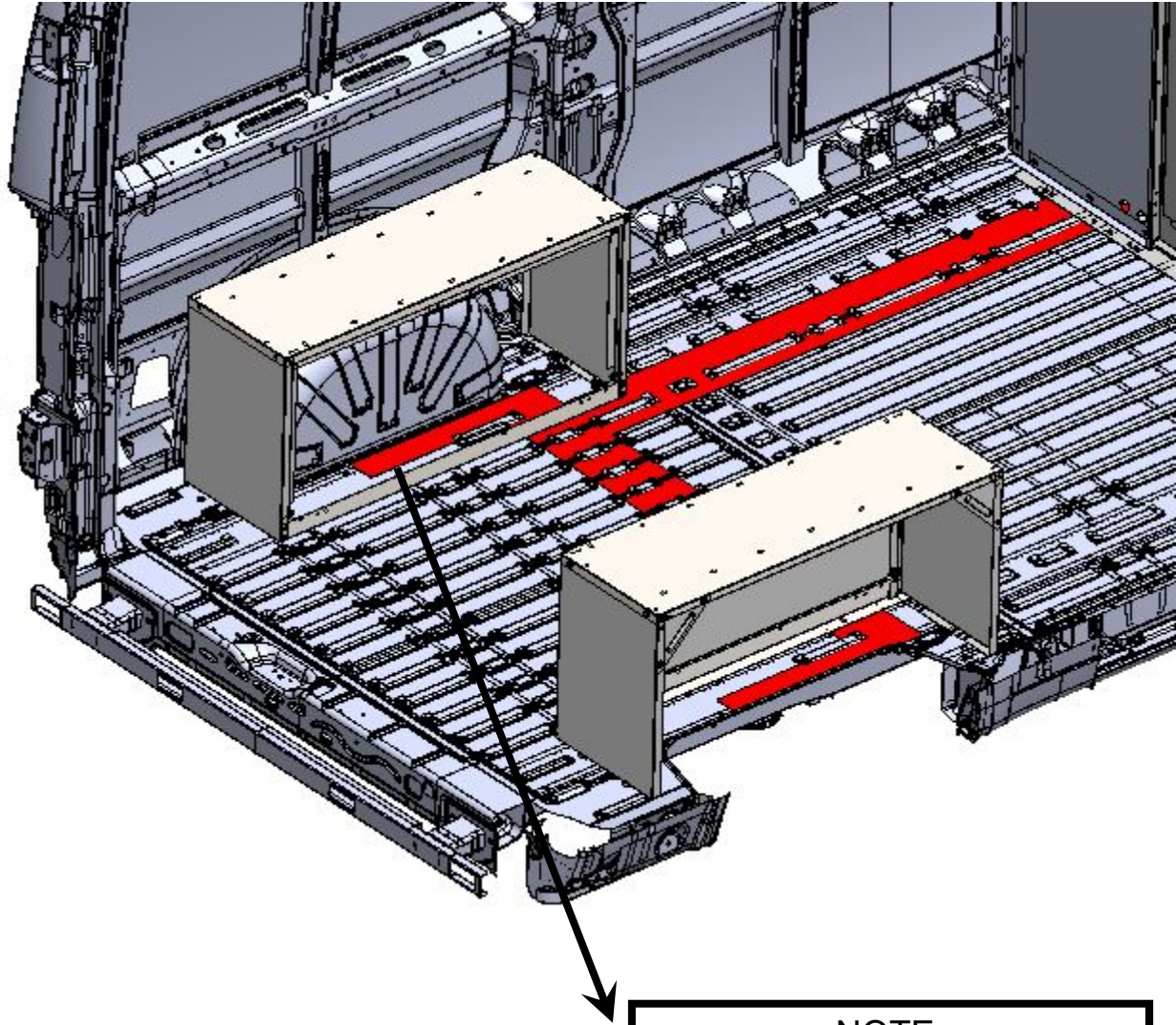


AFTER THE FOUR PLUSNUTS
(FAS0091) HAVE BEEN INSTALLED
RE-POSITION THE 40H OVER THE
PLUSNUTS AND SECURE 40H
WITH FASTENERS INDICATED

FAS0091 5/16-18UNC PLUSNUT
FAS0098 WASHER, SPLTLK, 5/16" ID
FAS0086 WASHER, FLAT, 5/16" ID
03927-1 SPACER, FLR, 11/32
FAS0092 SCREW, HX HD, G8, 5/16-18UNC X 1.50"
QTY = 4

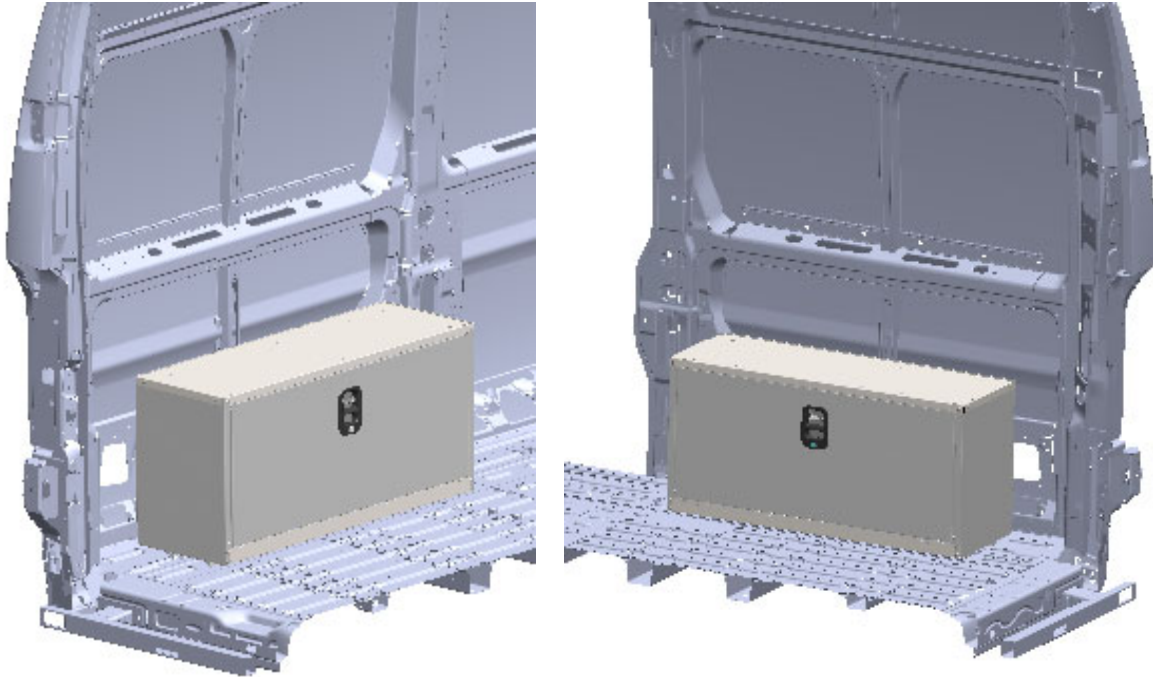


STEP 06
INSTALLATION OF 40H WHEELHOUSE BIN INTO PROMASTER VEHICLE
OEM BRAKE LINE ROUTING CAUTION



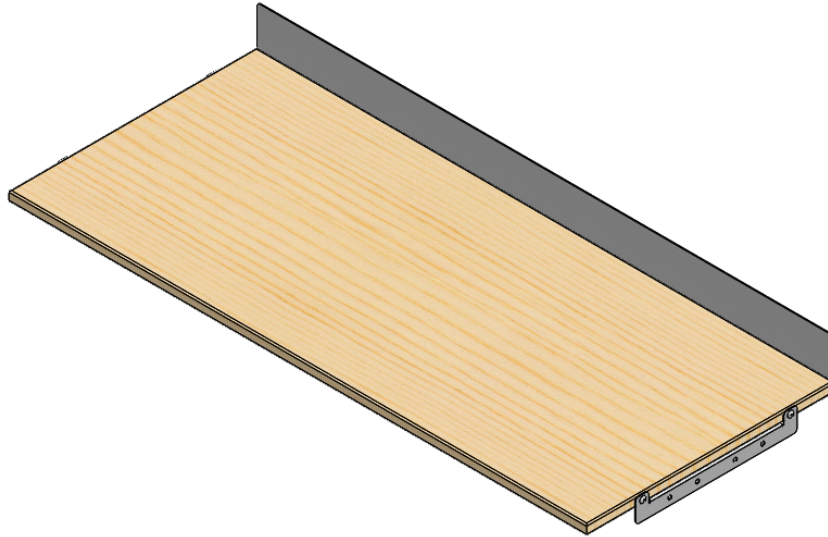
NOTE:
DO NOT DRILL IN THIS AREA
OEM BRAKE LINES
LOCATED IN SHADED AREA

STEP 07
Final Tightening of all fasteners.



**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

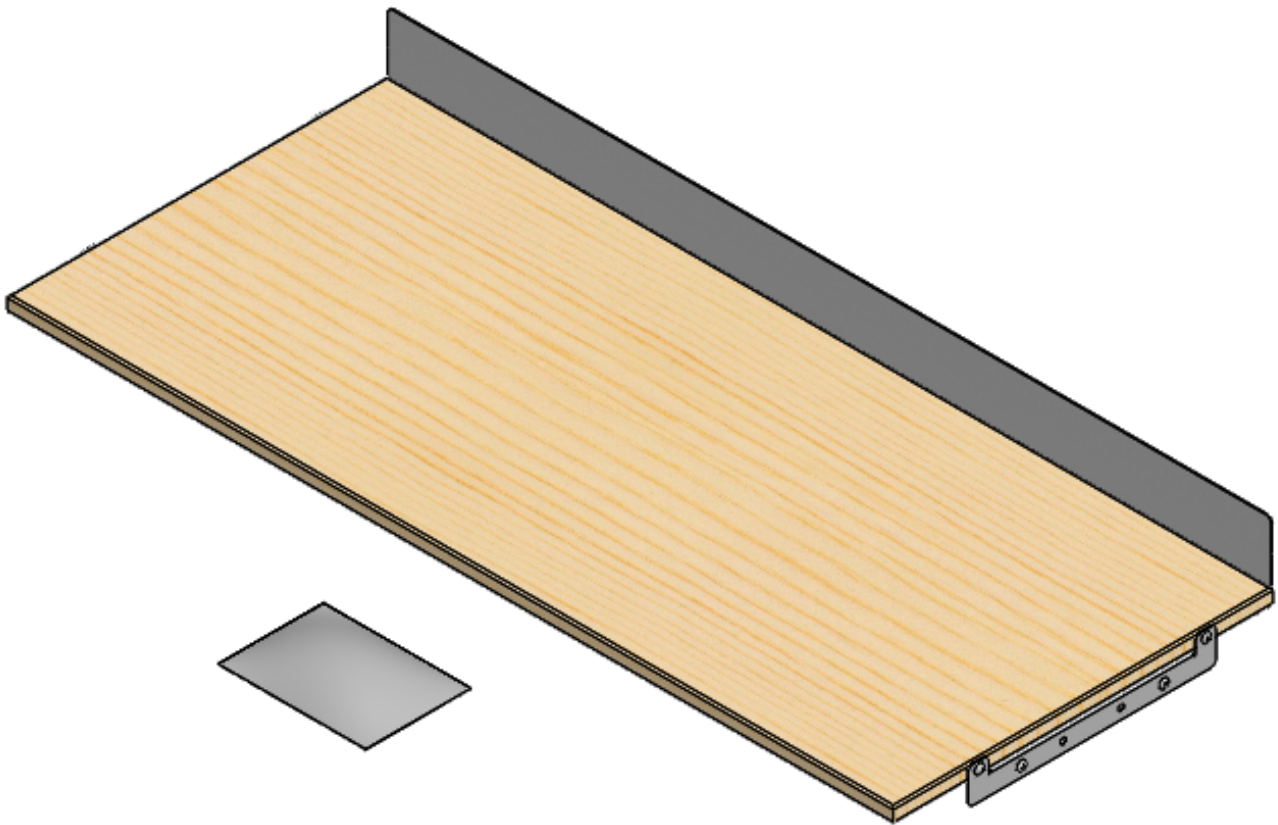
Some drilling may be required.



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

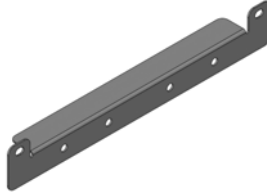
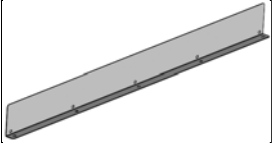


SCREWDRIVERS

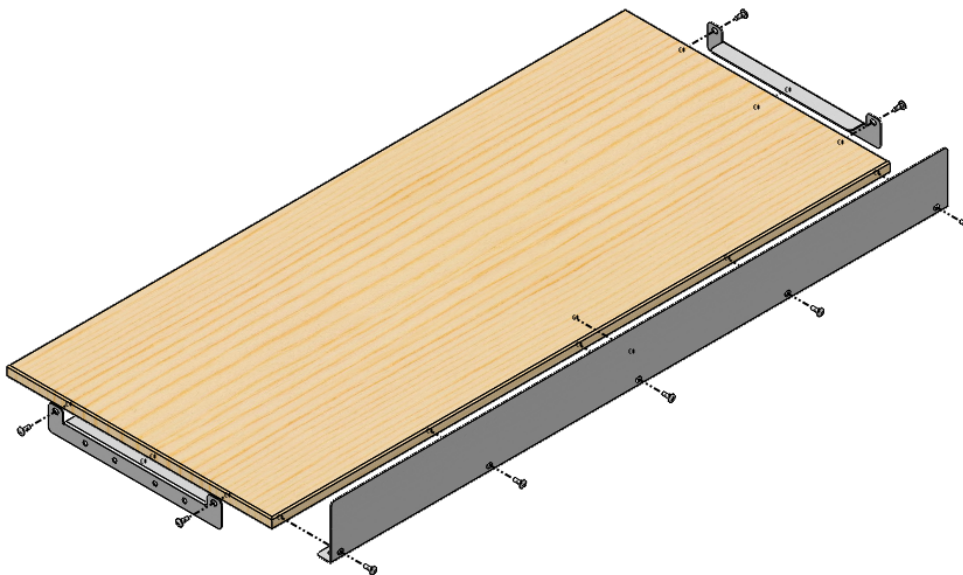


MEASURING TAPE

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			
				

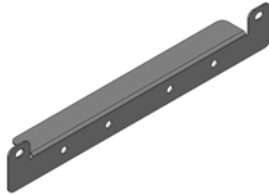
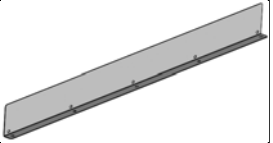
Instructions for Step 01



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

