



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

CASE HOLDER TOWER, 63

PRODUCT WEIGHT

84.09 LBS

WIDTH X DEPTH X HEIGHT

27.51" X 17.08" X 62.50"

CAPACITY

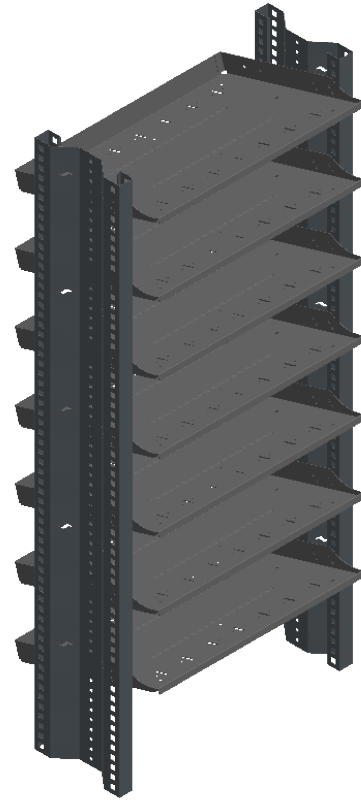
**50 LBS PER SHELF MAX
200 LBS PER "TOWER"**

COLOR

GRAY

CATALOG NUMBER

AS-CH63



PRODUCT FEATURES

***USED IN TRANSIT MID ROOF AND PROMASTER LR VANS AND SPRINTER STANDARD ROOF
FOR STORING TOOL CASES LIKE THE MILWAUKEE PACKOUT, HILTI, DEWALT AND MORE
DESIGNED WITH A LOW FRONT LIP FOR EASY HANDLE ACCESS***

USES NGS END PANELS AND MOUNTING BRACKETS

SHELVES ARE TO BE MOUNTED ON AN ANGLE WHEN USED FOR STORING CASES

SHELVES CAN BE MOUNTED FLAT, CAN BE MOUNTED 2" INBOARD ALSO.

SHELVES HAVE HOLE PATTERN TO ACCEPT 16" NG DIVIDERS AND BINS

***HAS HOLE PATTERN FOR MOUNTING A MILWAUKEE PACKOUT PLATE, CAN BE USED IF
SHELF IS MOUNTED UPSIDE DOWN***

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



CASE HOLDER TOWER, 63

CATALOG NUMBER **AS-CH63**

PRODUCT APPLICATION

FOR STORING TOOL CASES LIKE THE MILWAUKEE PACKOUT, HILTI, DEWALT, KLEIN, KOBALT, FLEX, RIGID, CRAFTSMAN, BOSCH, MAKITA, RYOBI, HUSKY AND MORE

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

**WORKS WITH NEXT GEN SHELVING
SHELVES ARE THE SAME WIDTH AS 24" WIDE NG SHELVES WITH ENDCAPS**

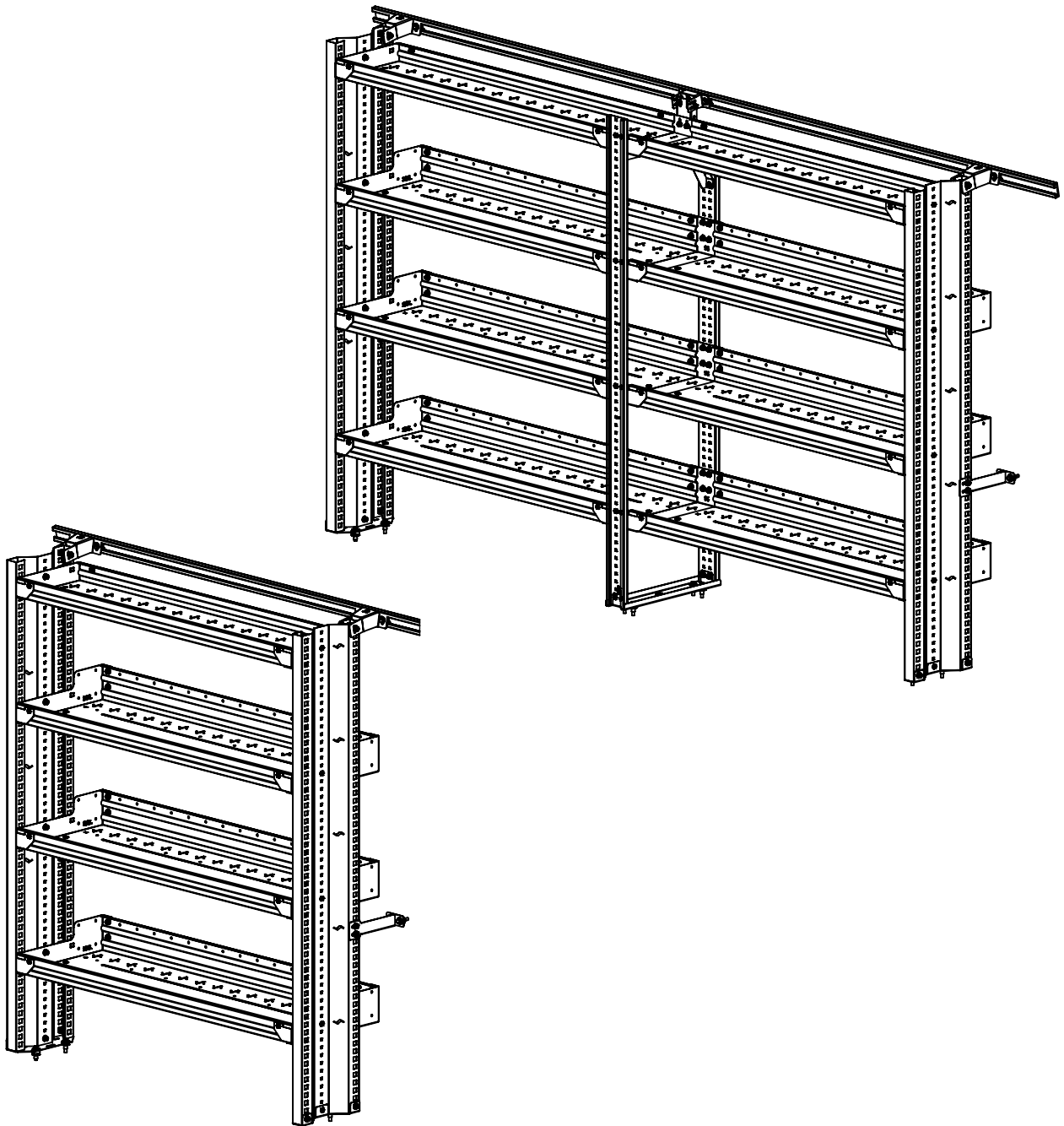
CATALOG NUMBER	DESCRIPTION (smart)
BIN616	BIN, 6W X 16D
BIN1216	BIN, 12W X 16D
DIVK161	SHELF DIVIDER KIT,16D,1
DIVK164	SHELF DIVIDER KIT,16D,4

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.

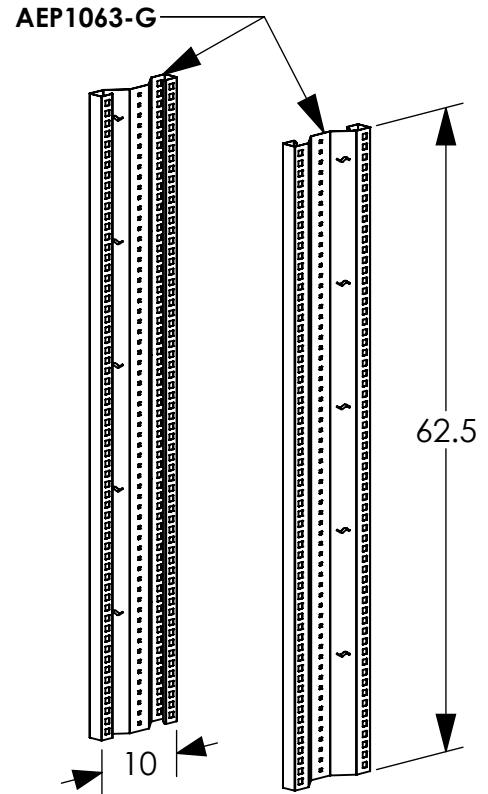
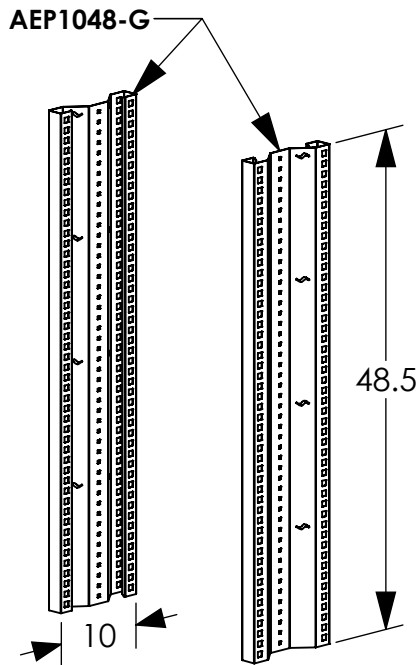
THIS DOCUMENT LISTS THE PRODUCT STRUCTURE OF THE VARIOUS MODULAR KITS
TO ASSEMBLE YOUR SHELVING UNIT OF THE

ADRIAN SHELVING PRODUCT LINE

TO VIEW INSTRUCTIONS OF HOW TO ASSEMBLE YOUR SHELVING UNIT, PLEASE
REFER TO PART#: INS-ASHELVING

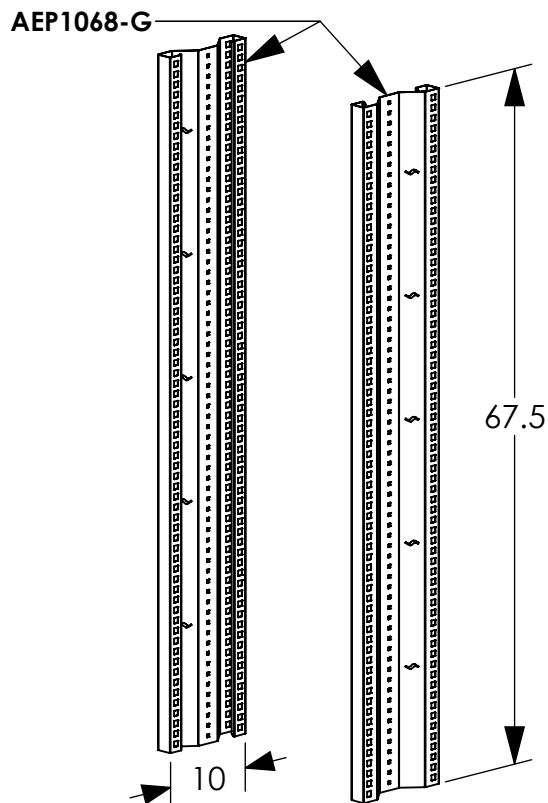


END PANEL KIT PRODUCT STRUCTURES



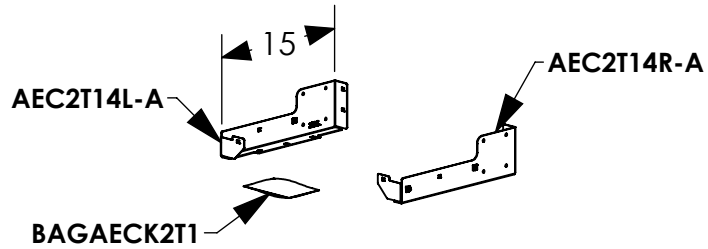
AEPK1048G

AEPK1063G

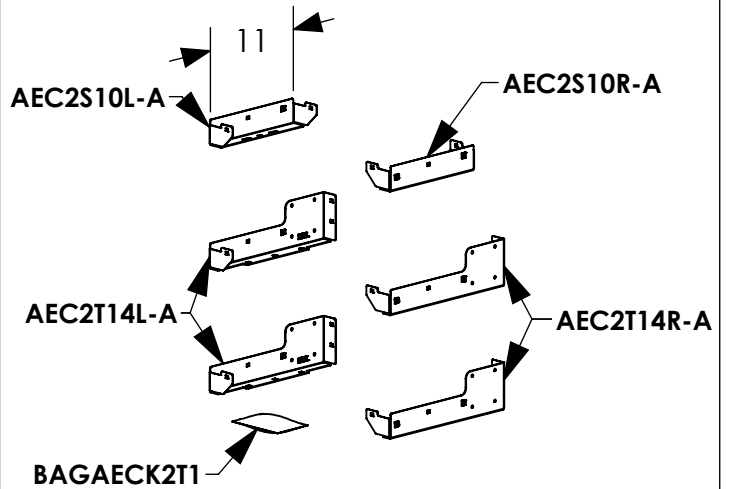


AEPK1068G

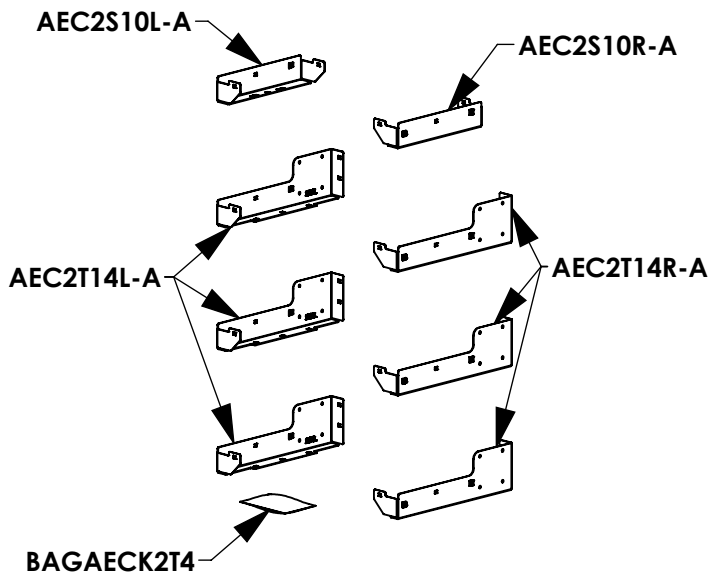
14 INCH END CAP KIT PRODUCT STRUCTURES



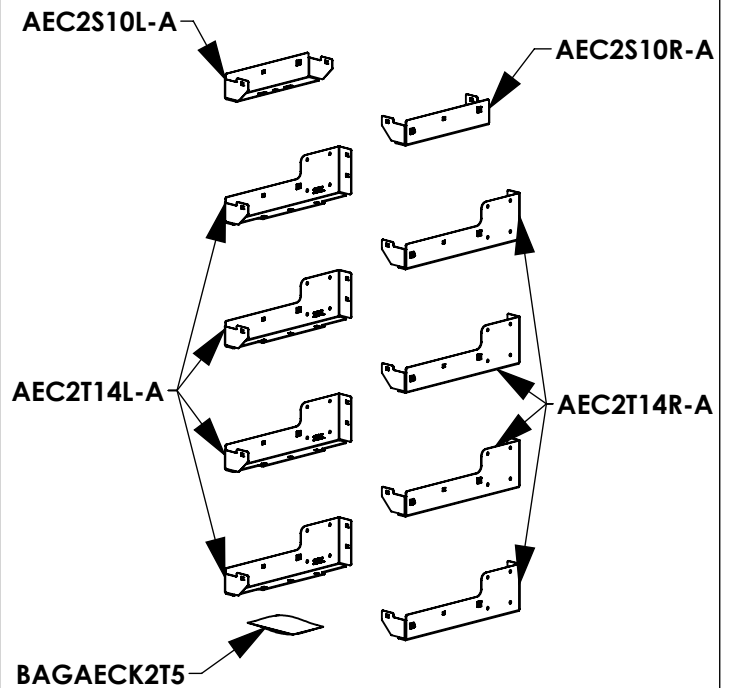
AEC2T14A1



AEC2T14A3

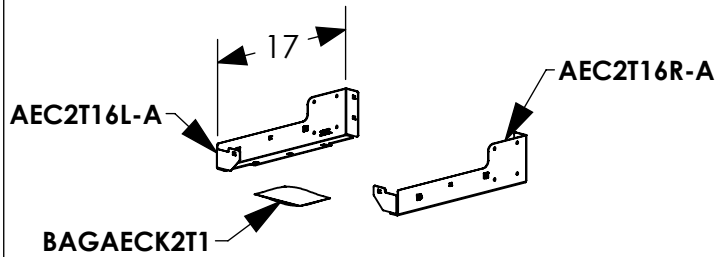


AEC2T14A4

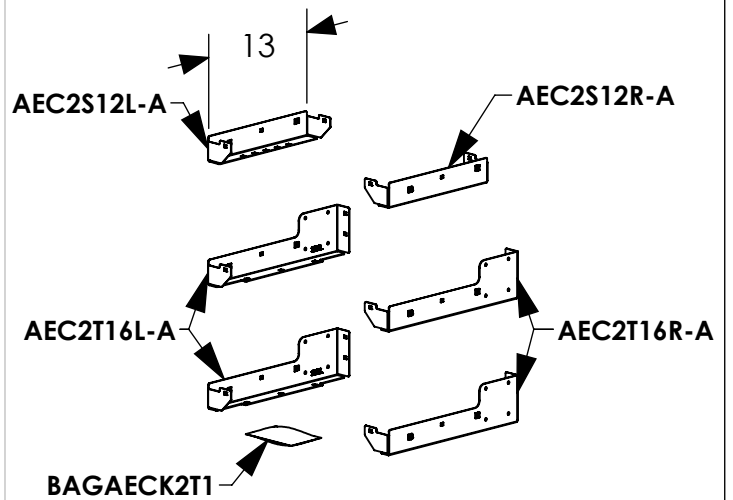


AEC2T14A5

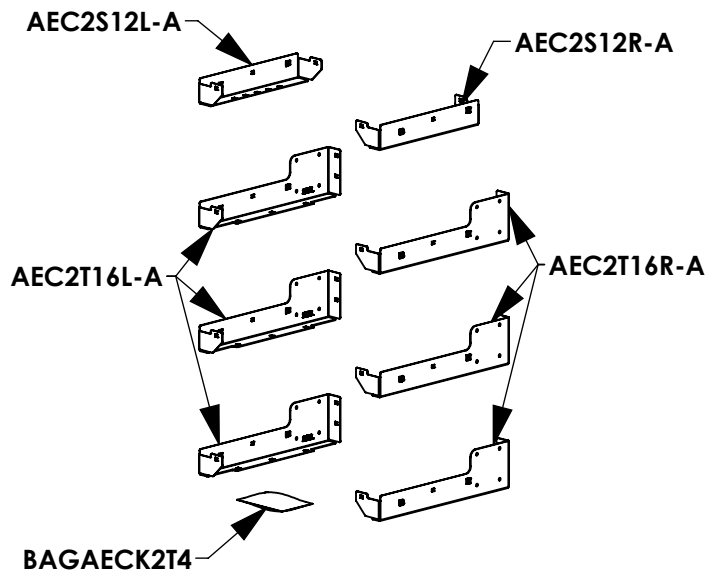
16 INCH END CAP KIT PRODUCT STRUCTURES



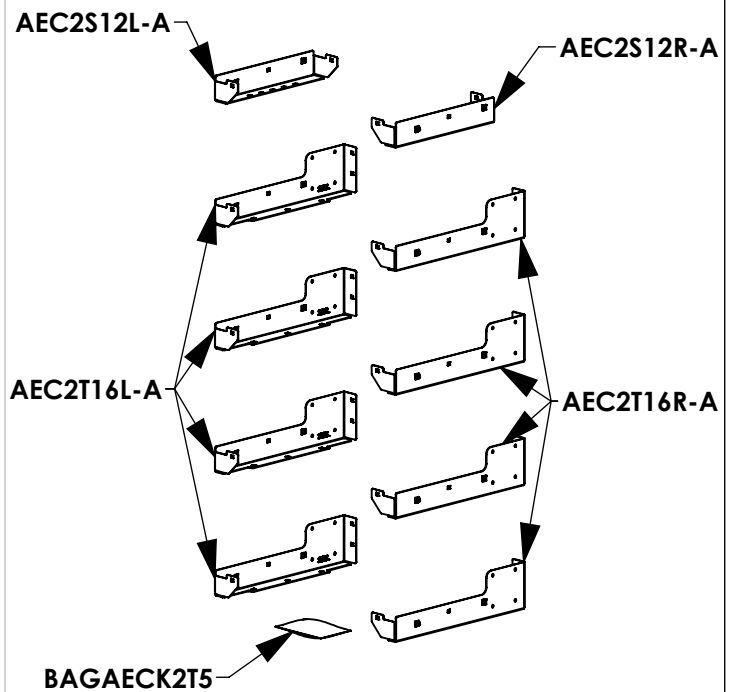
AEC2T16A1



AEC2T16A3

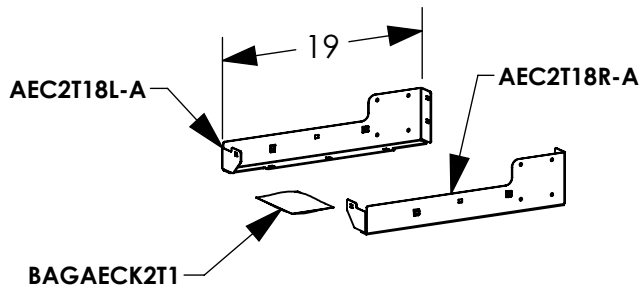


AEC2T16A4

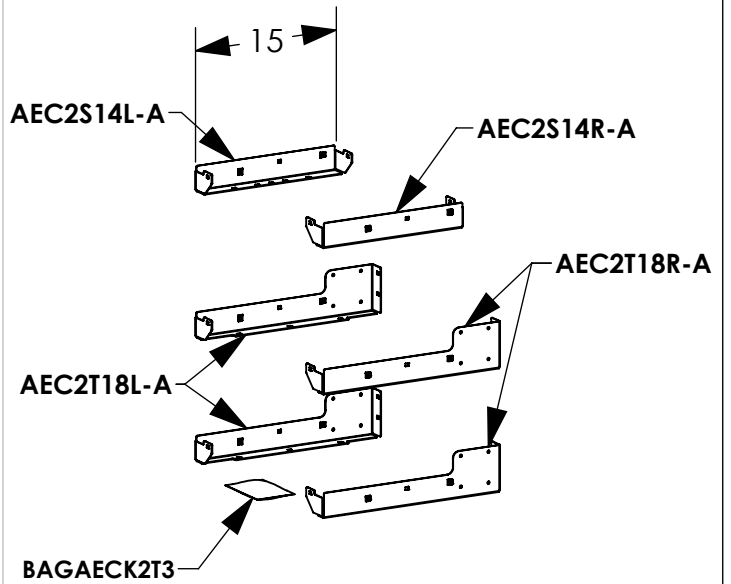


AEC2T16A5

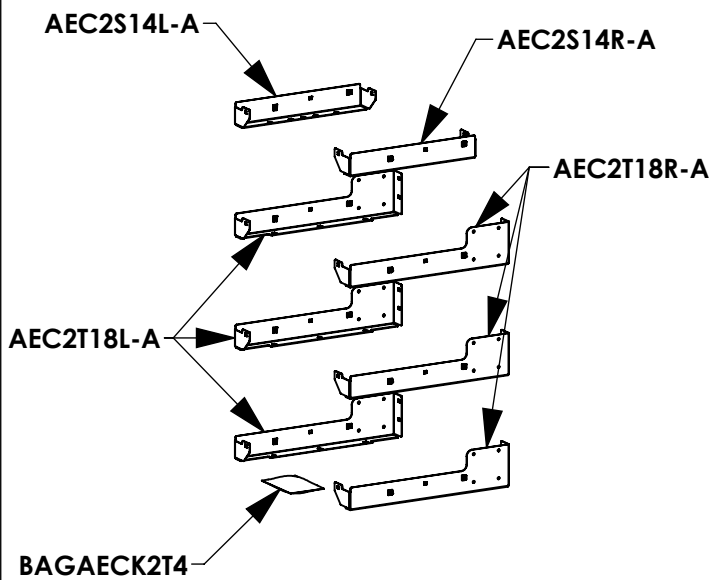
18 INCH END CAP KIT PRODUCT STRUCTURES



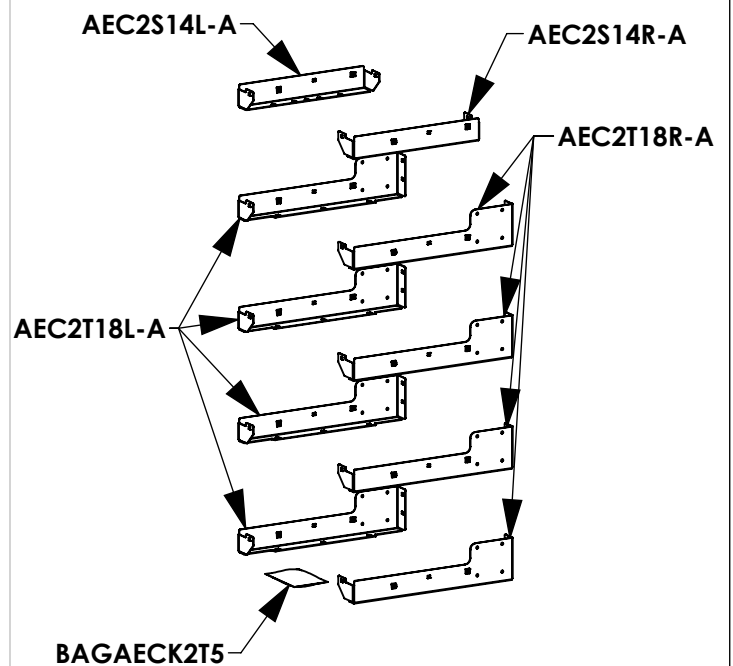
AECK2T18A1



AECK2T18A3



AECK2T18A4



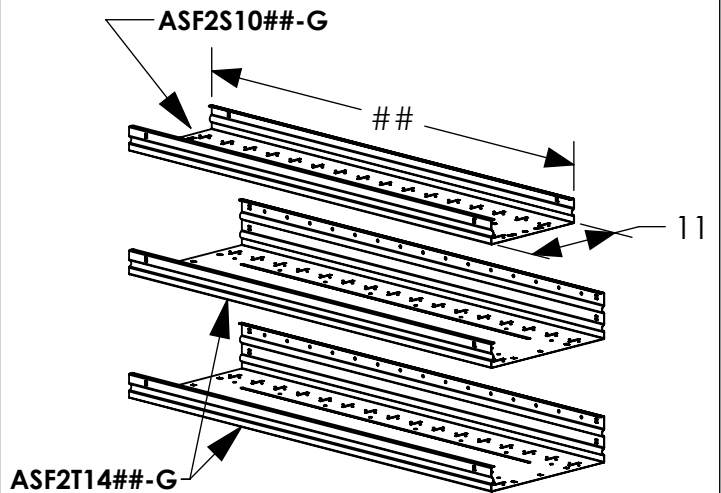
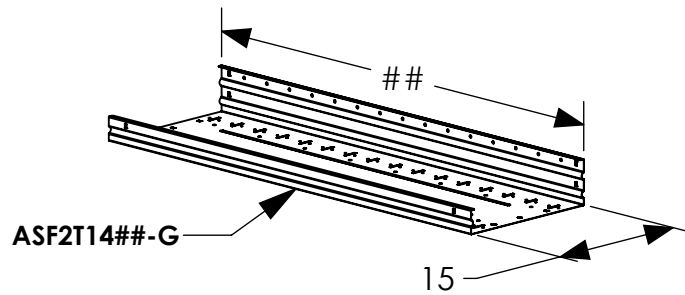
AECK2T18A5

14 INCH DEEP SHELF KIT PRODUCT STRUCTURES

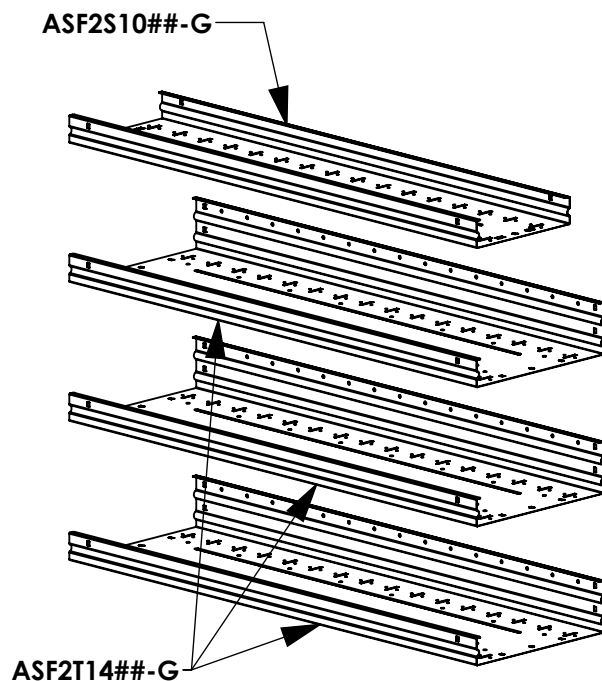
NOTE: SHELF LENGTHS (NOTATED AS ##) RANGE FROM 24" - 72", AT 6" INCREMENTS

EXAMPLE SHELF PART NUMBER: ASF2T1448-G

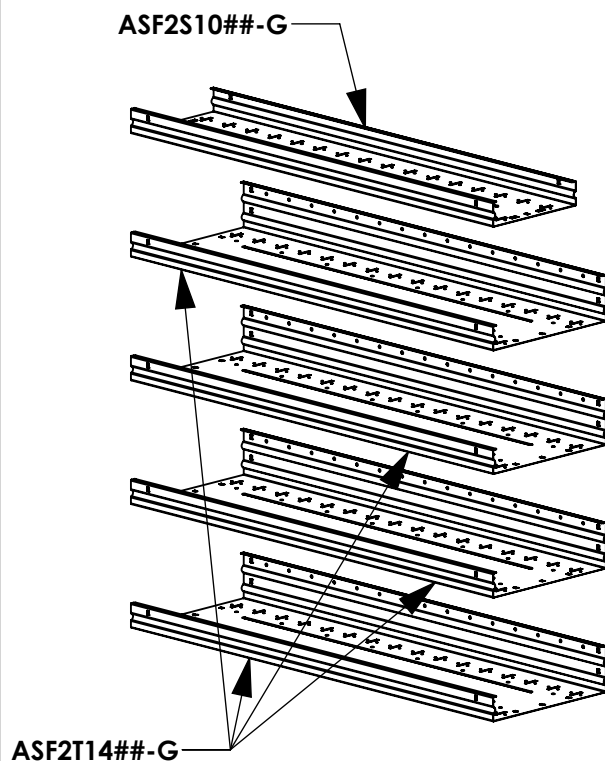
EXAMPLE SHELF KIT PART NUMBER: ASFK2T1448G1



ASFK2T14##G1



ASFK2T14##G3



ASFK2T14##G4

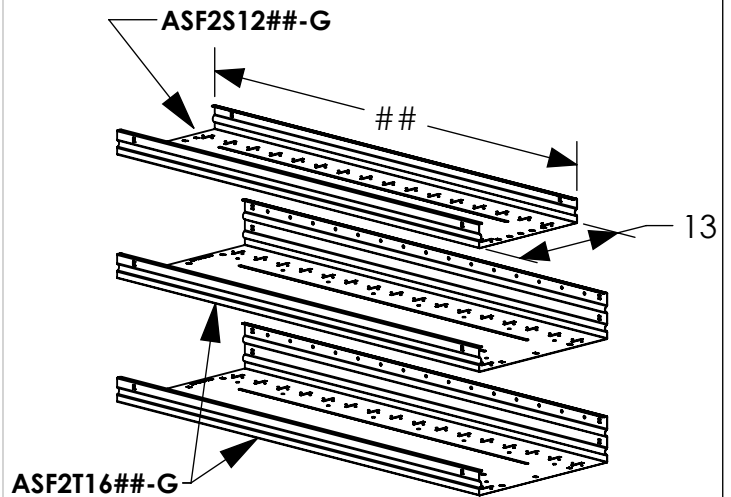
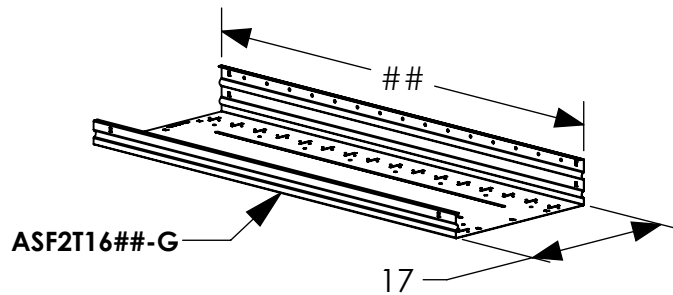
ASFK2T14##G5

16 INCH DEEP SHELF KIT PRODUCT STRUCTURES

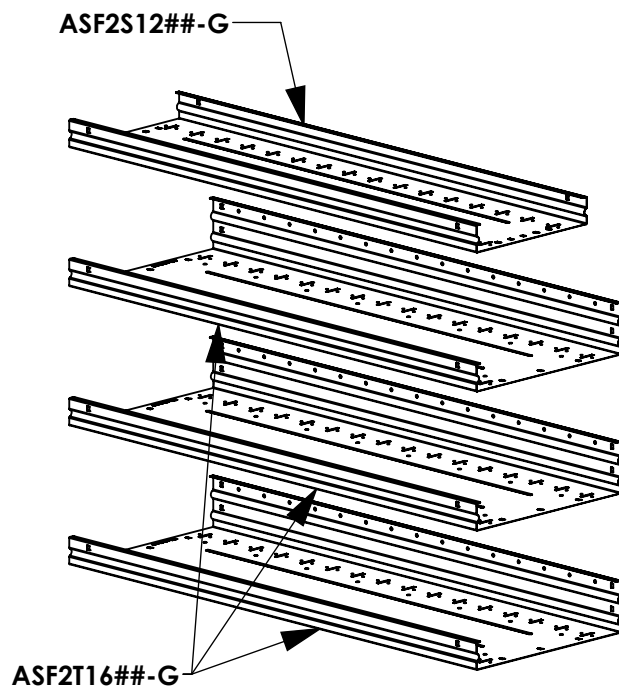
NOTE: SHELF LENGTHS (NOTATED AS ##) RANGE FROM 24" - 72", AT 6" INCREMENTS

EXAMPLE SHELF PART NUMBER: ASF2T1648-G

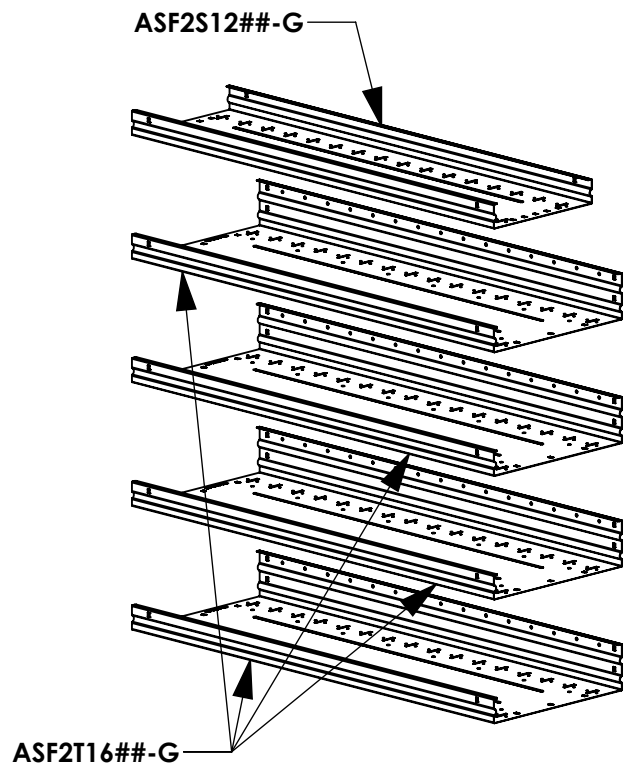
EXAMPLE SHELF KIT PART NUMBER: ASFK2T1648G1



ASFK2T16##G1



ASFK2T16##G3



ASFK2T16##G4

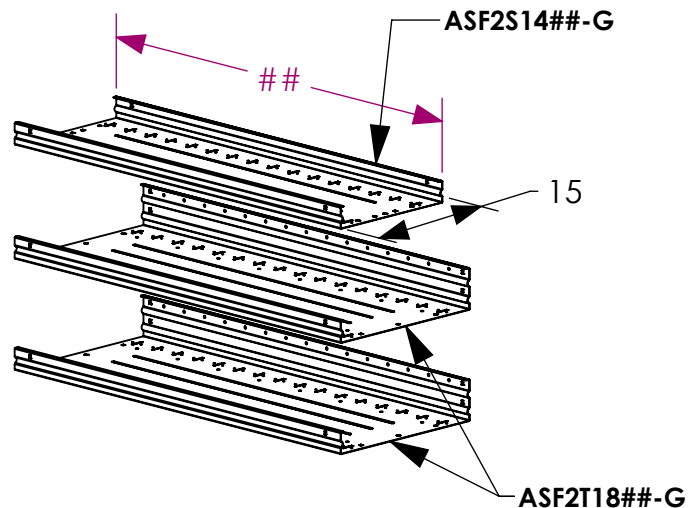
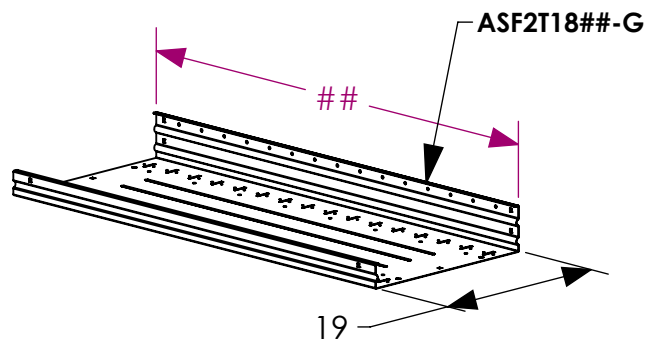
ASFK2T16##G5

16 INCH DEEP SHELF KIT PRODUCT STRUCTURES

NOTE: SHELF LENGTHS (NOTATED AS ##) RANGE FROM 24" - 72", AT 6" INCREMENTS

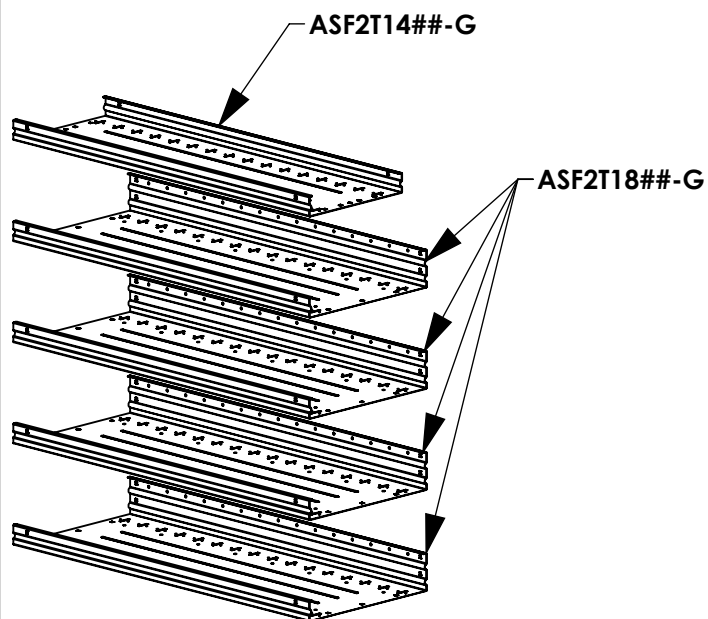
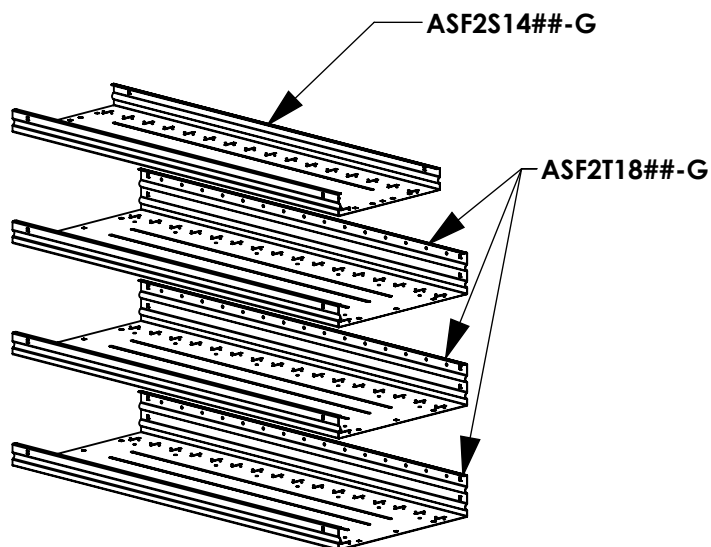
EXAMPLE SHELF PART NUMBER: ASF2T1848-G

EXAMPLE SHELF KIT PART NUMBER: ASFK2T1848G1



ASFK2T18##G1

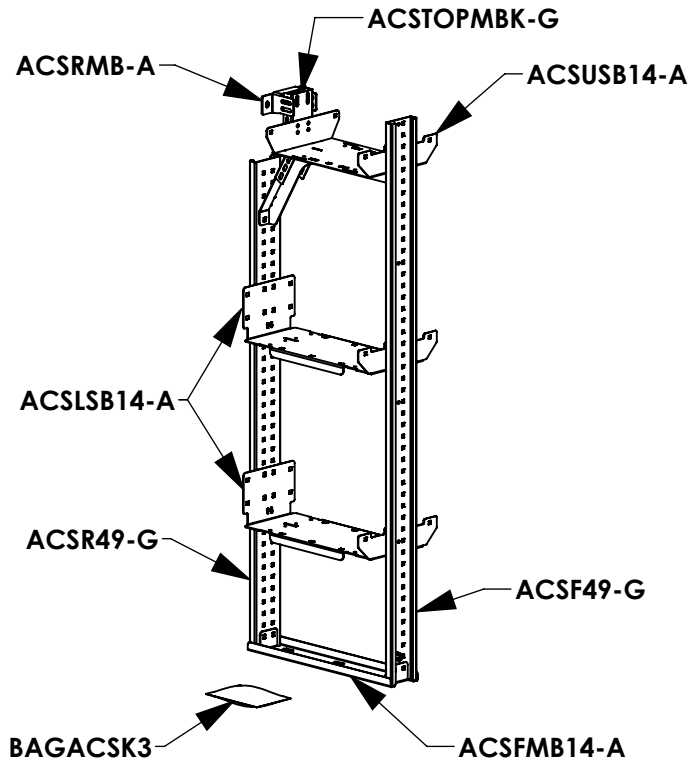
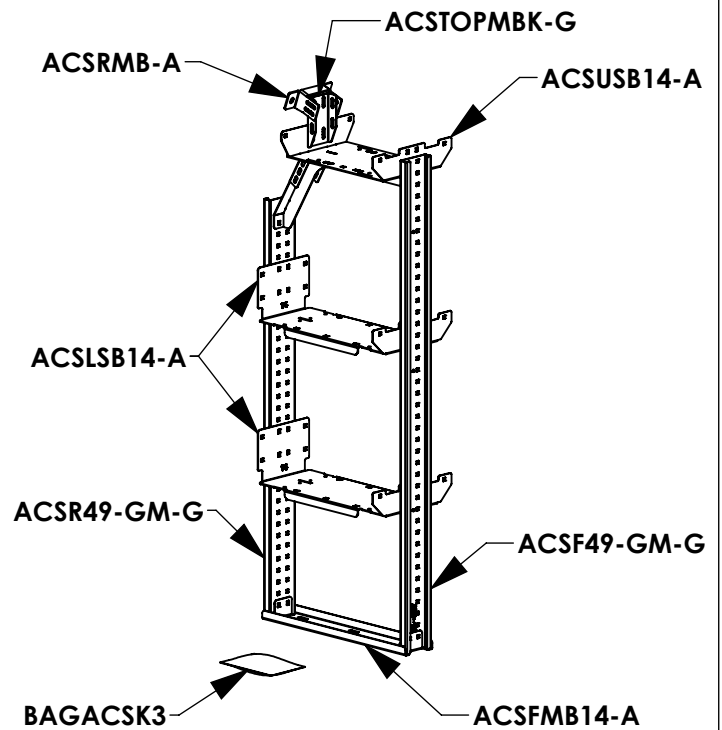
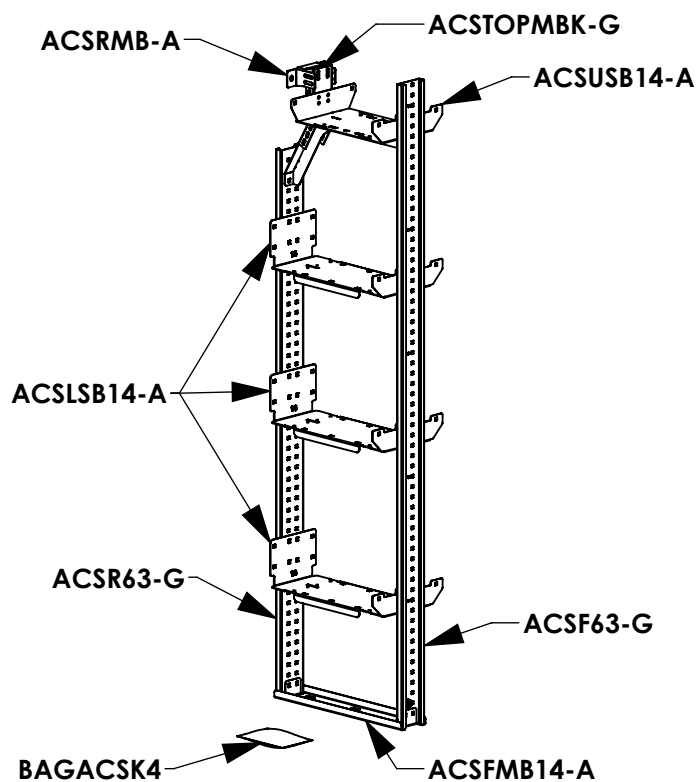
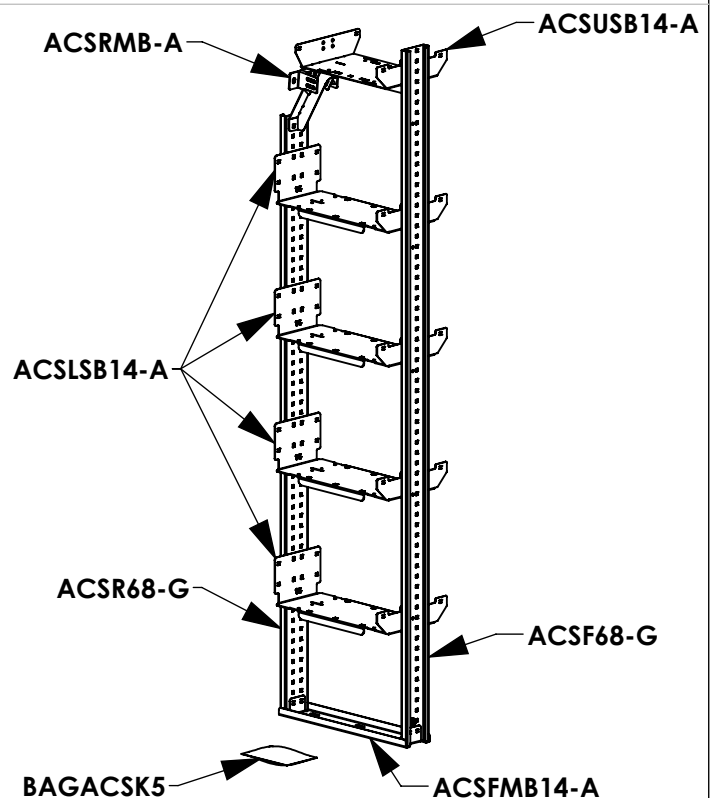
ASFK2T18##G3



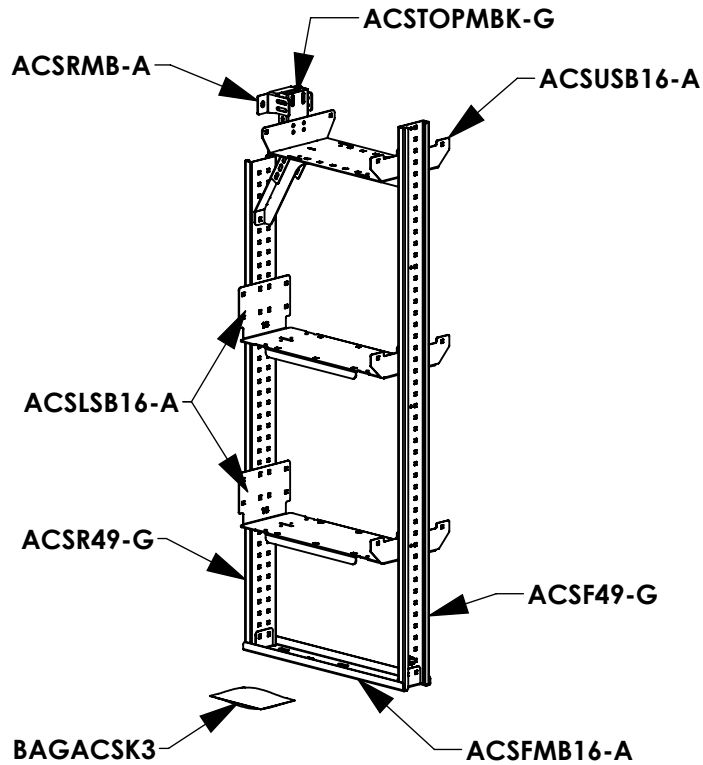
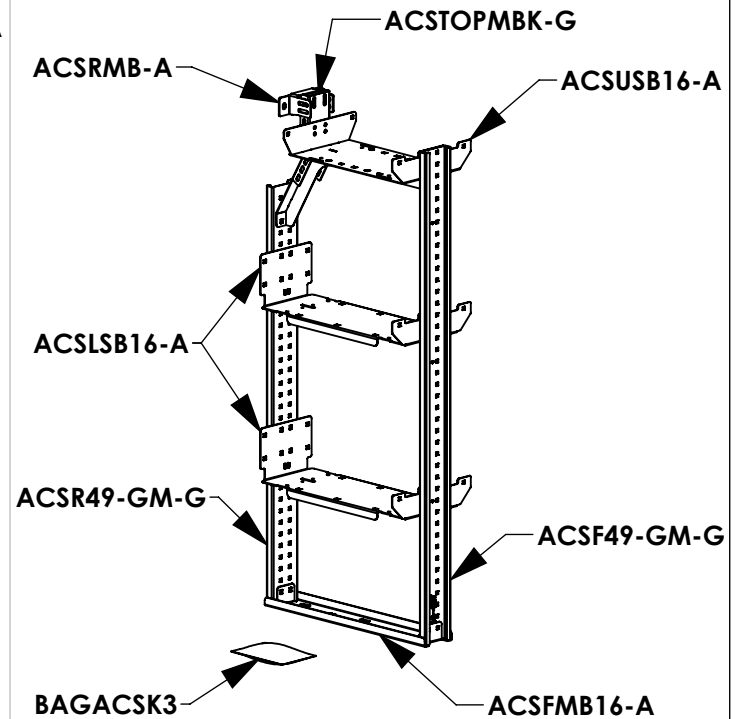
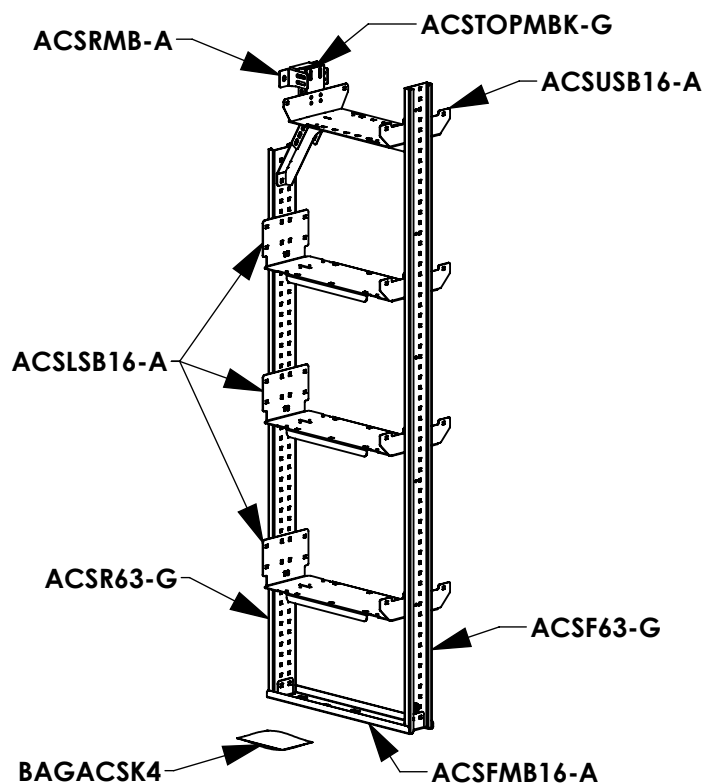
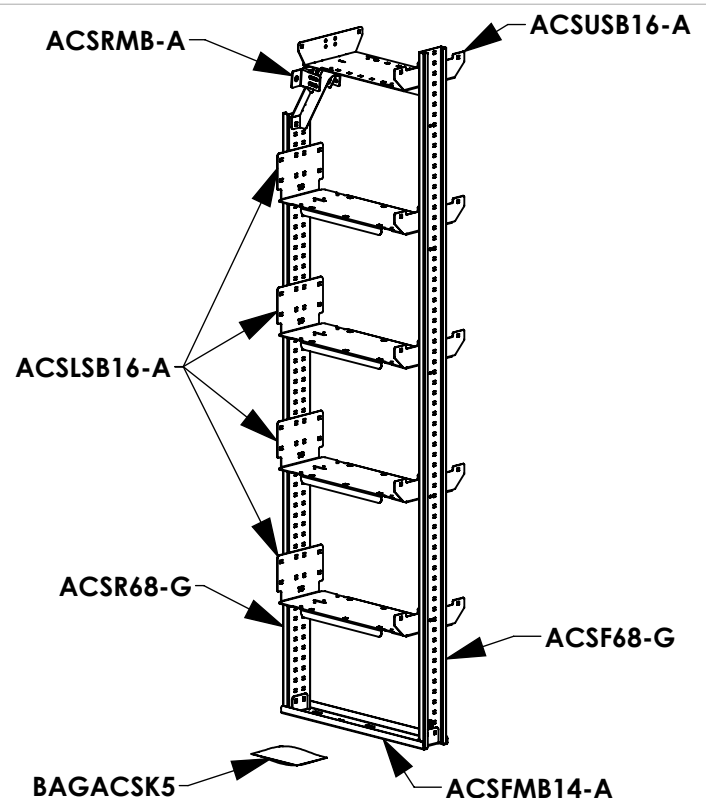
ASFK2T18##G4

ASFK2T18##G5

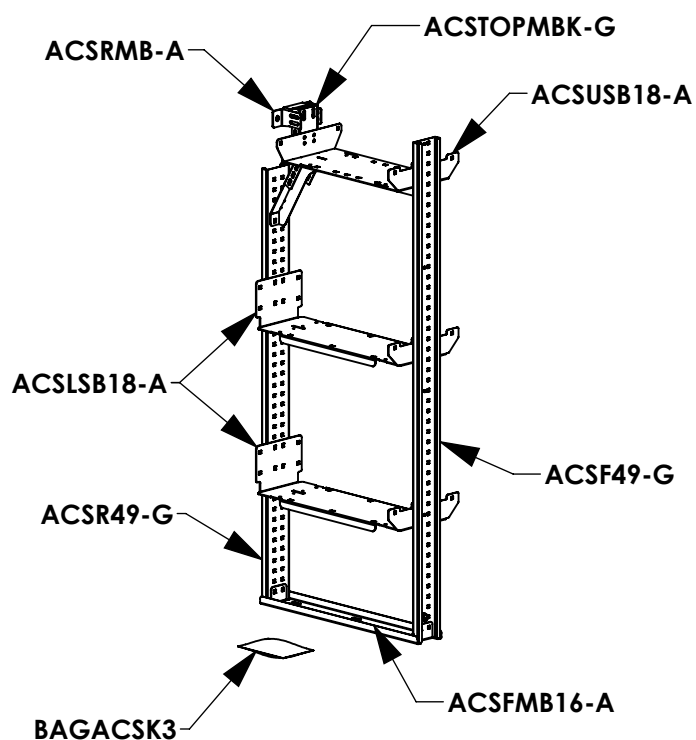
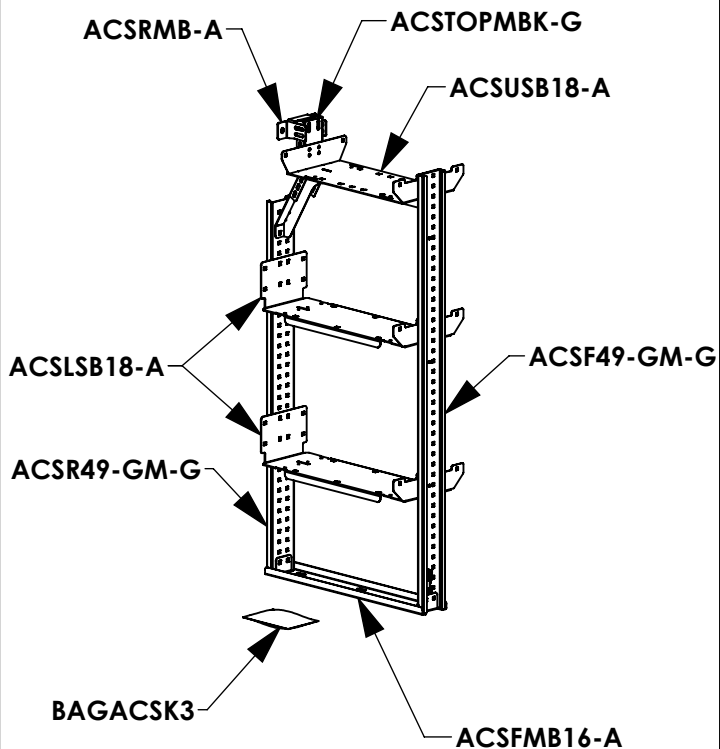
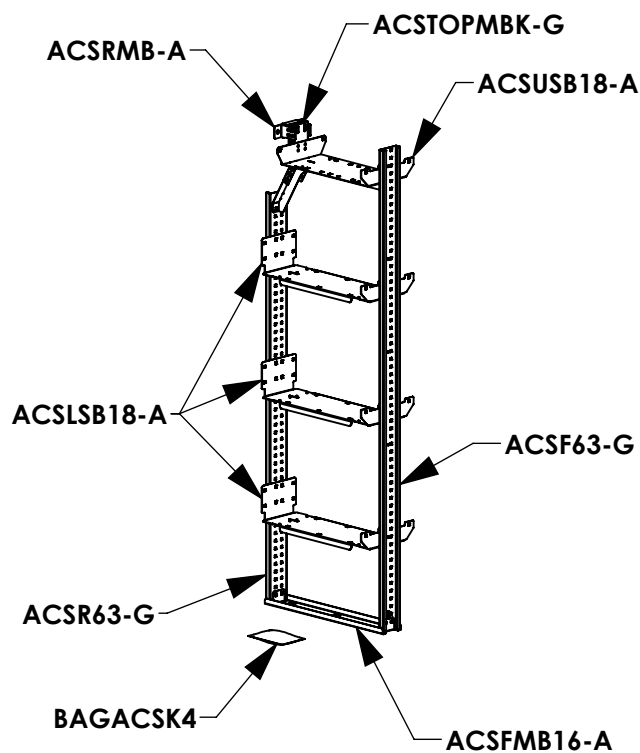
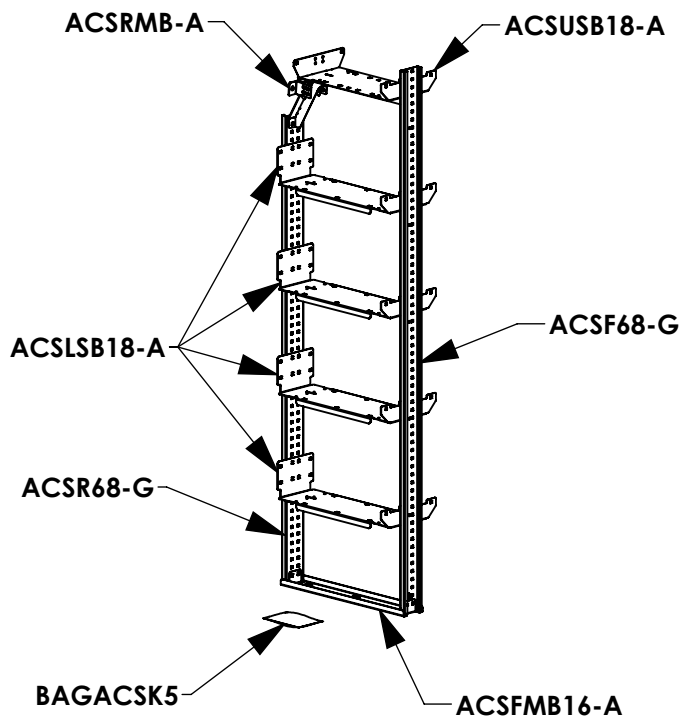
14 IN DEEP CENTER SUPPORT KIT PRODUCT STRUCTURES

**ACSK1449A3****ACSK1449-GMA3****ACSK1463A4****ACSK1468A5**

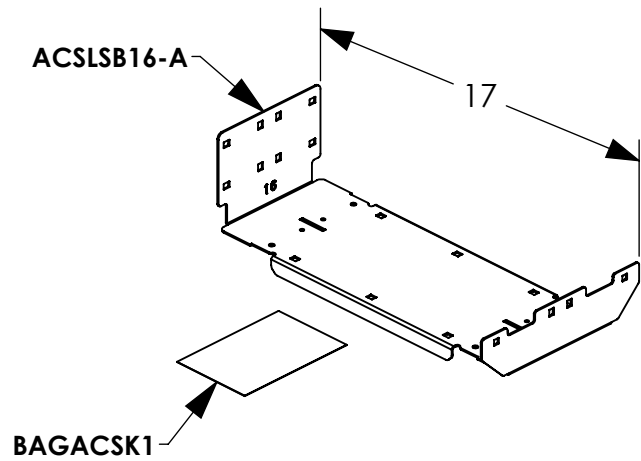
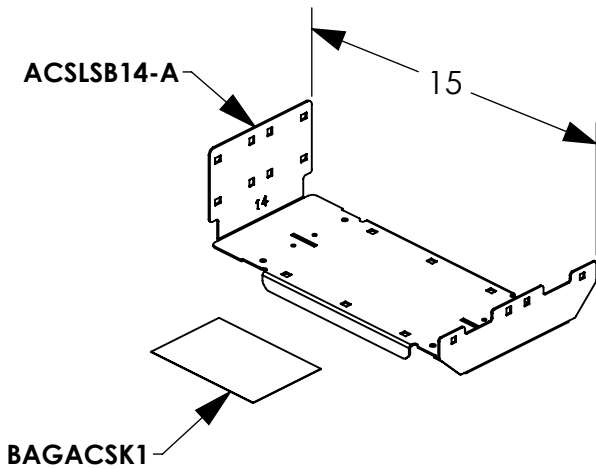
16 IN DEEP CENTER SUPPORT KIT PRODUCT STRUCTURES

**ACSK1649A3****ACSK1649-GMA3****ACSK1663A4****ACSK1668A5**

18 IN DEEP CENTER SUPPORT KIT PRODUCT STRUCTURES

**ACSK1849A3****ACSK1849-GMA3****ACSK1863A4****ACSK1868A5**

SINGLE CENTER SUPPORT KITS AND DIMENSIONS

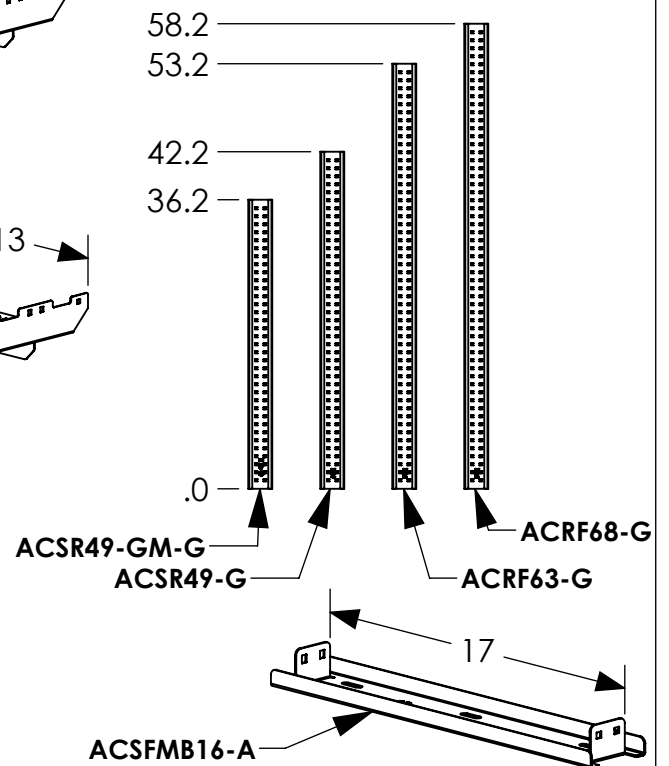
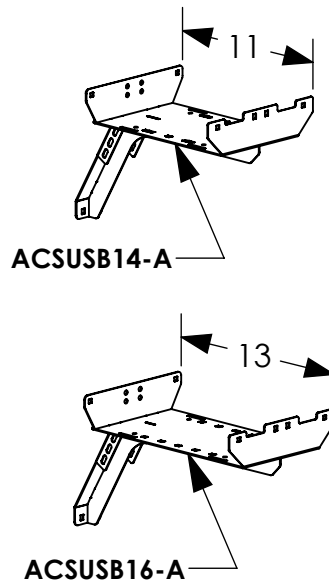
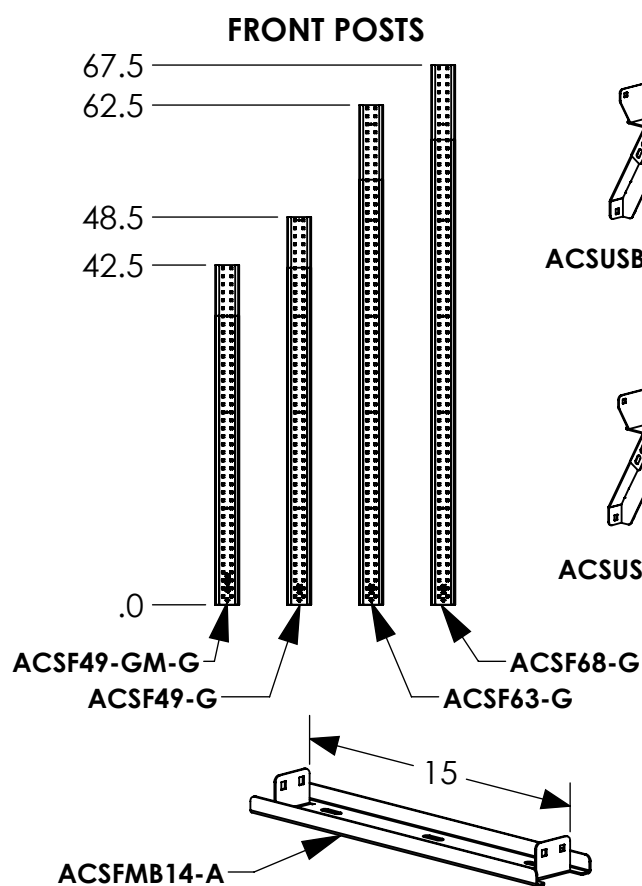


ACSK14A1

ACSK16A1

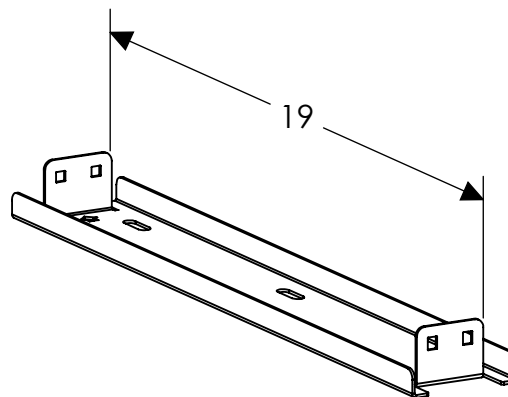
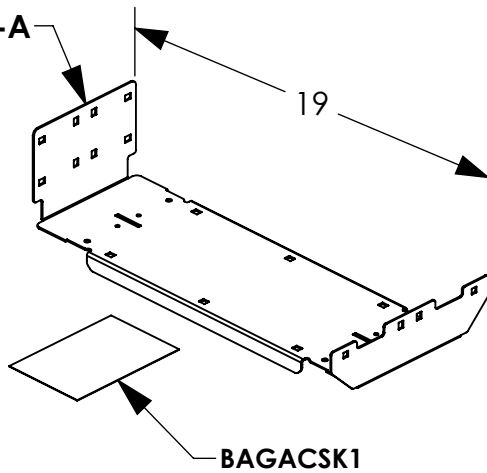
FRONT POSTS

REAR POSTS



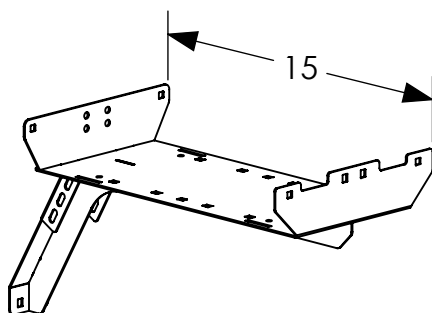
SINGLE CENTER SUPPORT KITS AND DIMENSIONS

ACSLSB18-A



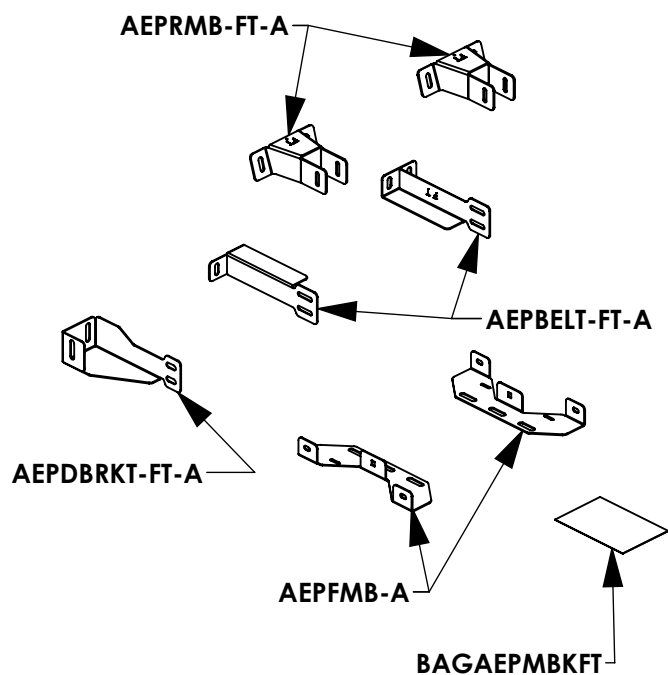
ACSK18A1

ACSFMB18-A

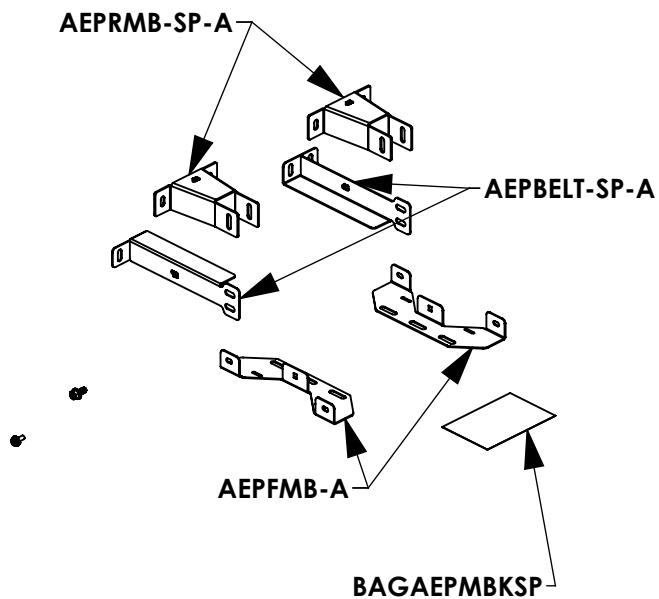


ACSUSB18-A

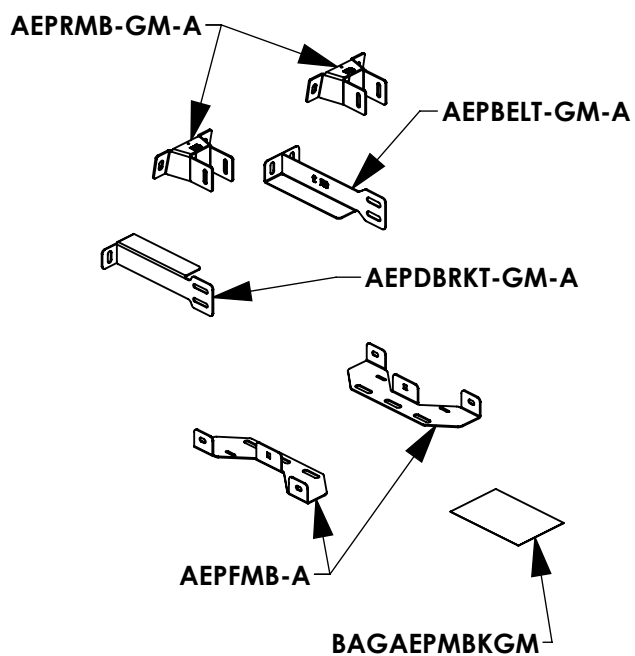
MOUNTING BRACKET KIT PRODUCT STRUCTURES



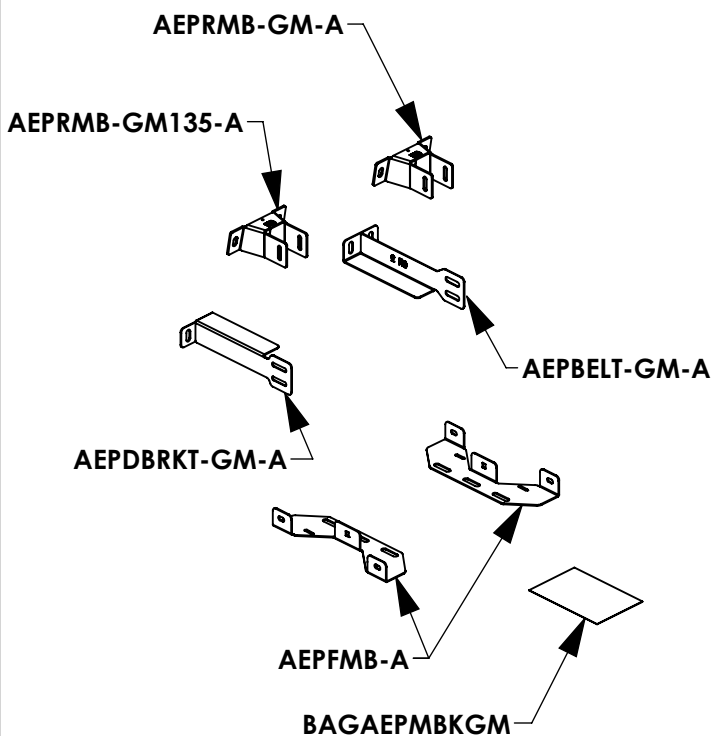
AEPMBKFTA



AEPMBKSPA

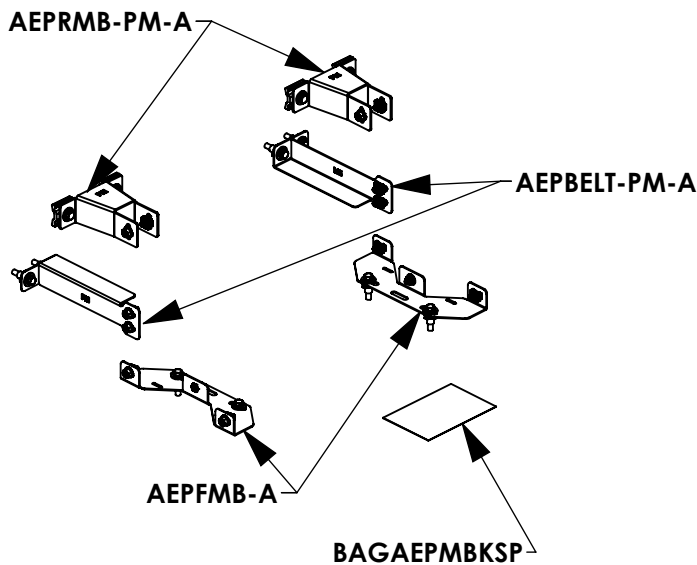


AEPMBKGMA

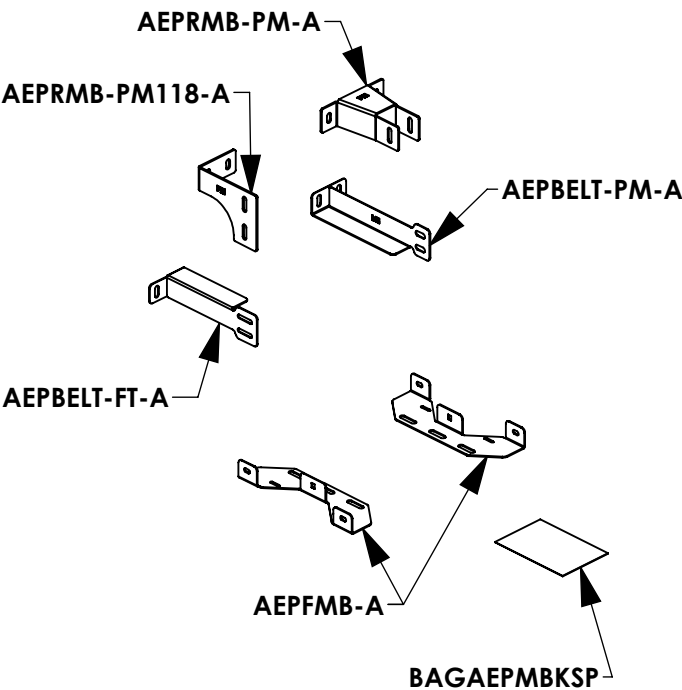


AEPMBKGM135PSA

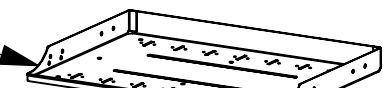
MOUNTING BRACKET KIT PRODUCT STRUCTURES



AEPMBKMA

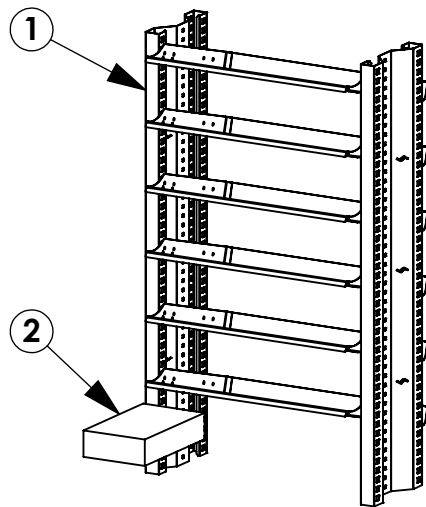
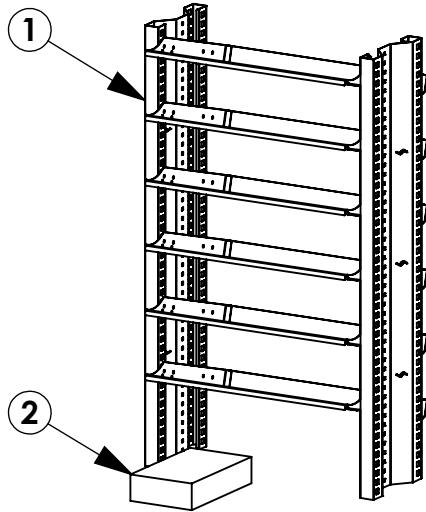


AEPMBKPM118PSA

INSTR. : INS-ASCH NUMBER	PG: 1	REV: A	AS-CHS1			
			ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : SEE BOM NUMBER			1	ASCH2416-G	SHELF, CASE HOLDER, 24X16, GRAY	1
			2	BAGAS-CHS1	BAG FOR AS-CHS1	1
PART • CASE HOLDER TOWER DESC. • INSTRUCTION			1 2 			

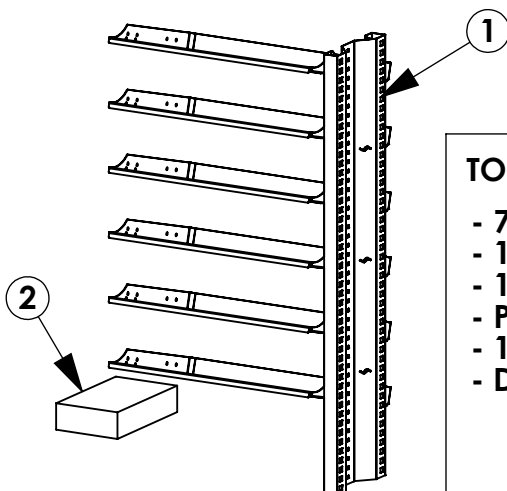
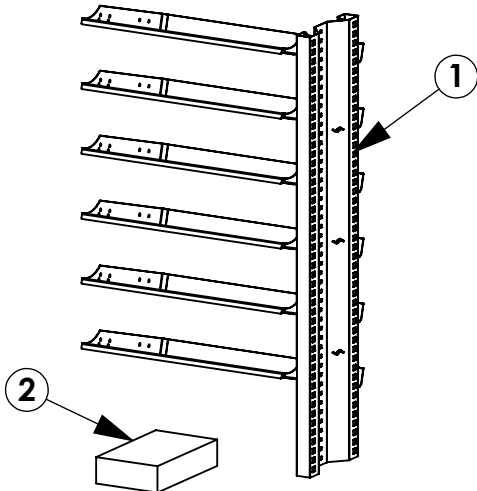
AS-CH48FTLA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH48	CASE HOLDER TOWER, 48	1
2	AEPMBKFTA	END PANL MNT BKT KIT, FT, A	1

AS-CH48GMA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH48	CASE HOLDER TOWER, 48	1
2	AEPMBKGMA	END PANL MNT BKT, GM, A	1



AS-CH48FTLAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH48AO	CASE HOLDER TOWER, ADD ON, 48	1
2	AEPMBKFT1A	END PANL MNT BKT KIT, FT, A	1

AS-CH48GMAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH48AO	CASE HOLDER TOWER, ADD ON, 48	1
2	AEPMBKGM1A	END PANL MNT BKT, GM, 1, A	1

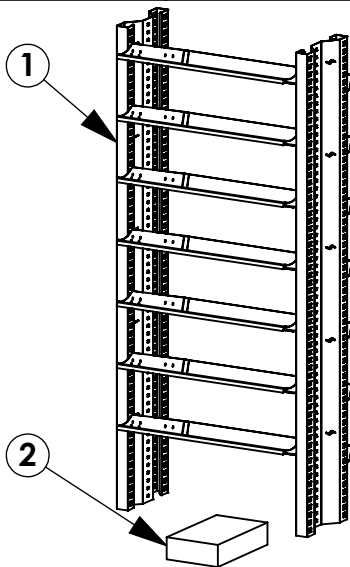


TOOLS NEEDED:

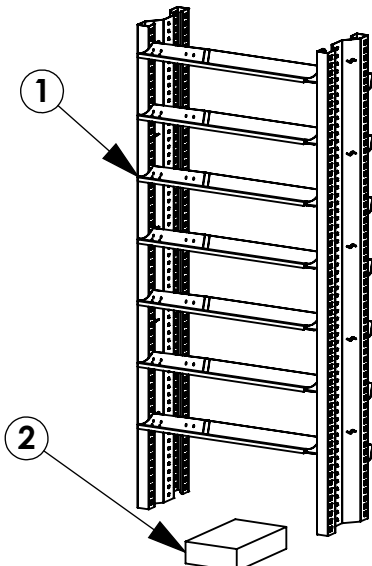
- 7/16" WRENCH
- 1/2" WRENCH
- 1/2" DRILL BIT
- PLUSNUT GUN
- 1 3/16" HOLE SAW
- DRILL

INSTR. NUMBER	: INS-ASCH	PG: 2	REV: A
PART NUMBER	: SEE BOM		
PART	• CASE HOLDER TOWER		
DESC.	• INSTRUCTION		

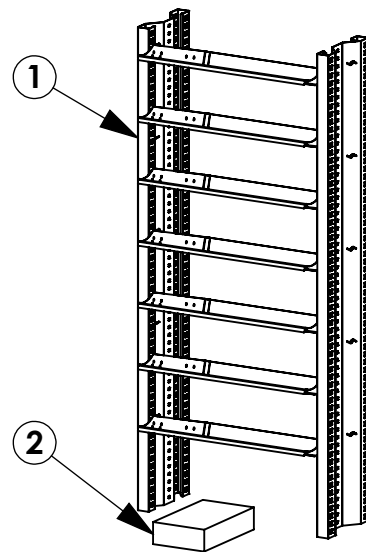
AS-CH63FTMA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH63	CASE HOLDER TOWER, 63	1
2	AEPMBKFTA	END PANL MNT BKT KIT,FT,A	1



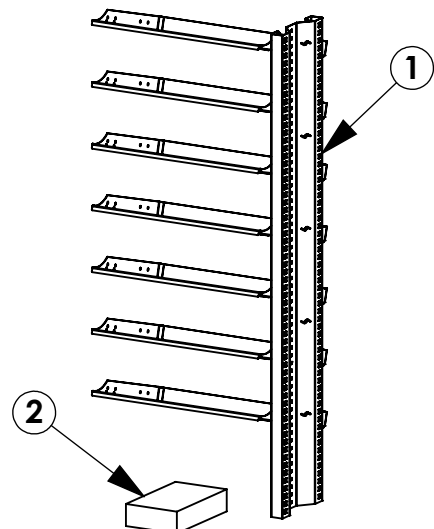
AS-CH63SPSA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH63	CASE HOLDER TOWER, 63	1
2	AEPMBKSPA	END PANL MNT BKT KIT,SP,A	1



AS-CH63PMLA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH63	CASE HOLDER TOWER, 63	1
2	AEPMBKPMA	END PANL MNT BKT KIT, PM, A	1

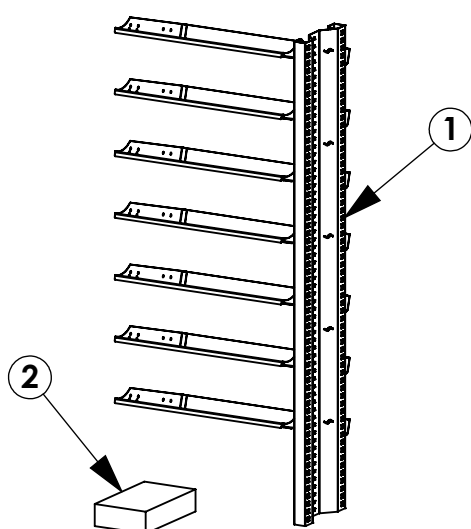


AS-CH63FTMAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH63AO	CASE HOLDER TOWER, 63, ADD ON	1
2	AEPMBKFT1A	END PANL MNT BKT KIT,FT,A	1

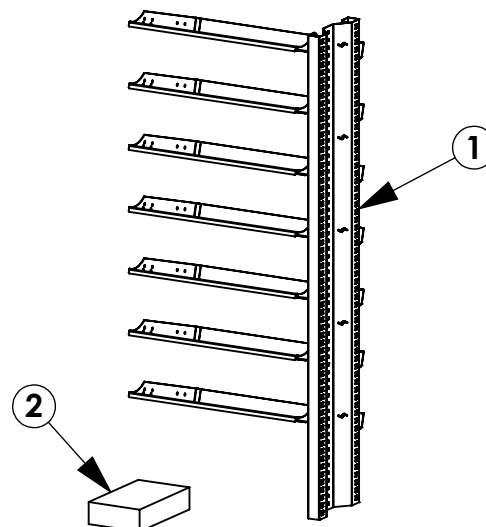


INSTR. : INS-ASCH NUMBER	PG: 3 REV: A
PART : SEE BOM NUMBER	
PART • CASE HOLDER TOWER DESC. • INSTRUCTION	

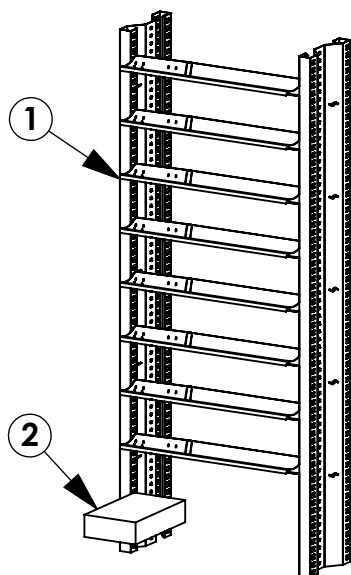
AS-CH63PMLAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH63AO	CASE HOLDER TOWER, 63, ADD ON	1
2	AEPMBKPM1A	END PANL MNT BKT KIT, PM,1,A	1



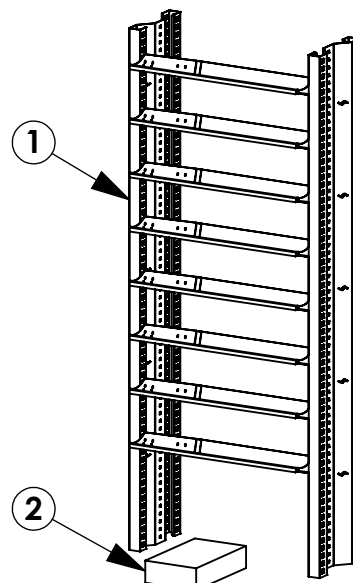
AS-CH63SPSAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH63AO	CASE HOLDER TOWER, 63, ADD ON	1
2	AEPMBKSP1A	END PANL MNT BKT KIT, SP,1,A	1



AS-CH68FTHA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH68	CASE HOLDER TOWER, 68	1
2	AEPMBKFTHA	END PANL MNT BKT KIT, FT, A	1

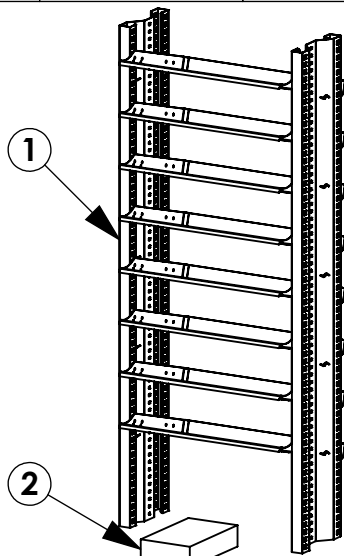


AS-CH68PMHA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH68	CASE HOLDER TOWER, 68	1
2	AEPMBKPMA	END PANL MNT BKT KIT, PM, A	1

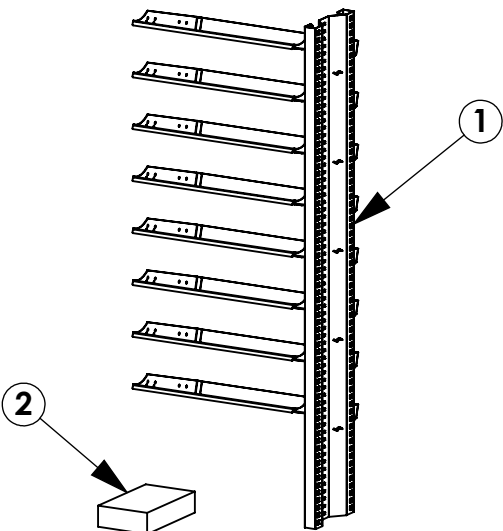


INSTR. : INS-ASCH NUMBER	PG: 4 REV: A
PART : SEE BOM NUMBER	
PART • CASE HOLDER TOWER DESC. • INSTRUCTION	

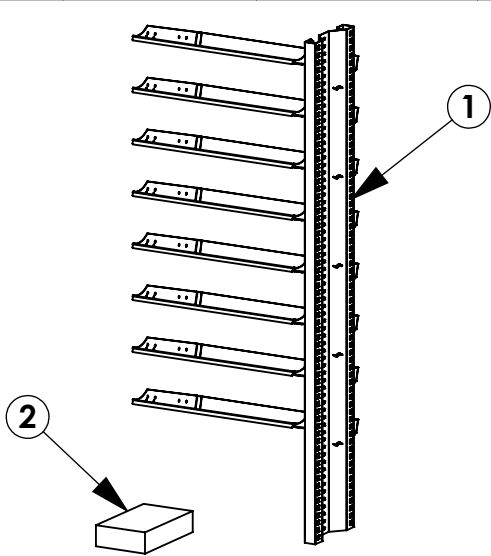
AS-CH68SPHA			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH68	CASE HOLDER TOWER, 68	1
2	AEPMBKSPA	END PANL MNT BKT KIT,SP,A	1



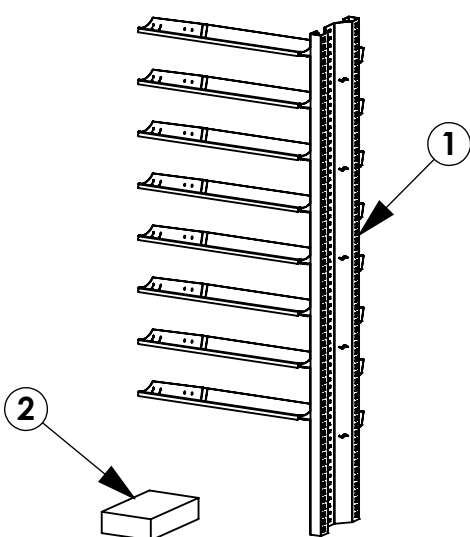
AS-CH68PMHAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH68AO	CASE HOLDER TOWER, ADD ON, 68	1
2	AEPMBKPM1A	END PANL MNT BKT KIT, PM,1,A	1



AS-CH68FTHAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH68AO	CASE HOLDER TOWER, ADD ON, 68	1
2	AEPMBKFT1A	END PANL MNT BKT KIT,FT,A	1



AS-CH68SPHAO			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS-CH68AO	CASE HOLDER TOWER, ADD ON, 68	1
2	AEPMBKSP1A	END PANL MNT BKT KIT, SP,1,A	1



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.

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

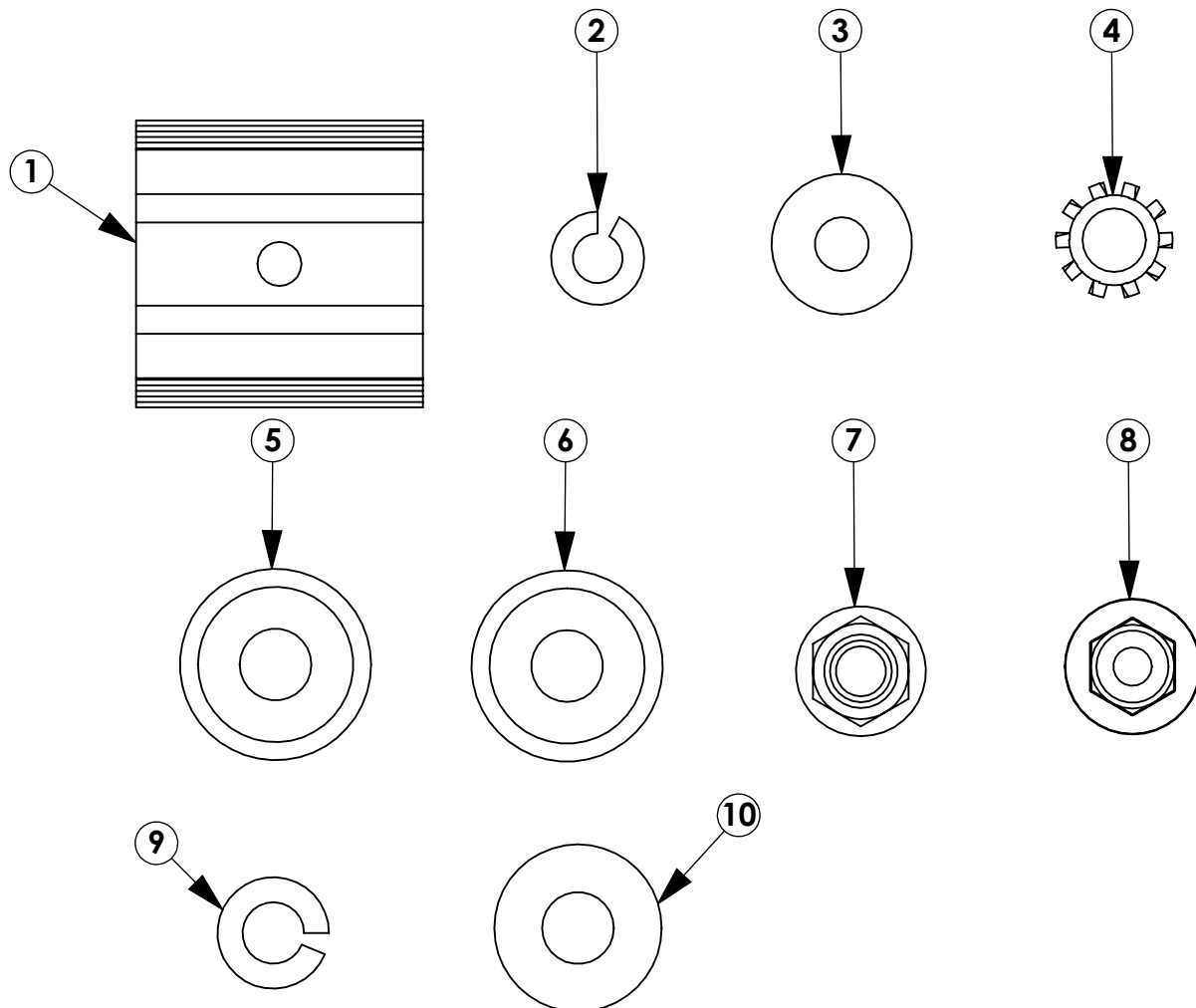
PAGE:

6

FASTENERS USED

BAG REFERENCE: BAGAEPMBKFT1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	35335-0	SLIDE, 1.5" / AD RAIL	2
2	FAS0060	WASHER,LCK SPLIT 1/4 ZP	1
3	FAS0067	WASHER,FLAT USS 1/4 ZP	1
4	FAS0085	WASHER,LCK EXT 5/16 ZP	2
5	03927-2	SPACER, FLR, 1010, 11/16 ZP	2
6	03927-1	SPACER,FLR,1010,11/32 ZP	2
7	FAS0440	NUT,HEX NLK FLG 5/16-18 - ZP	1
8	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	1
9	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	4
10	FAS0086	WASHER,FLAT USS 5/16 ZP	6



CONTINUE ON NEXT FASTENER PAGE

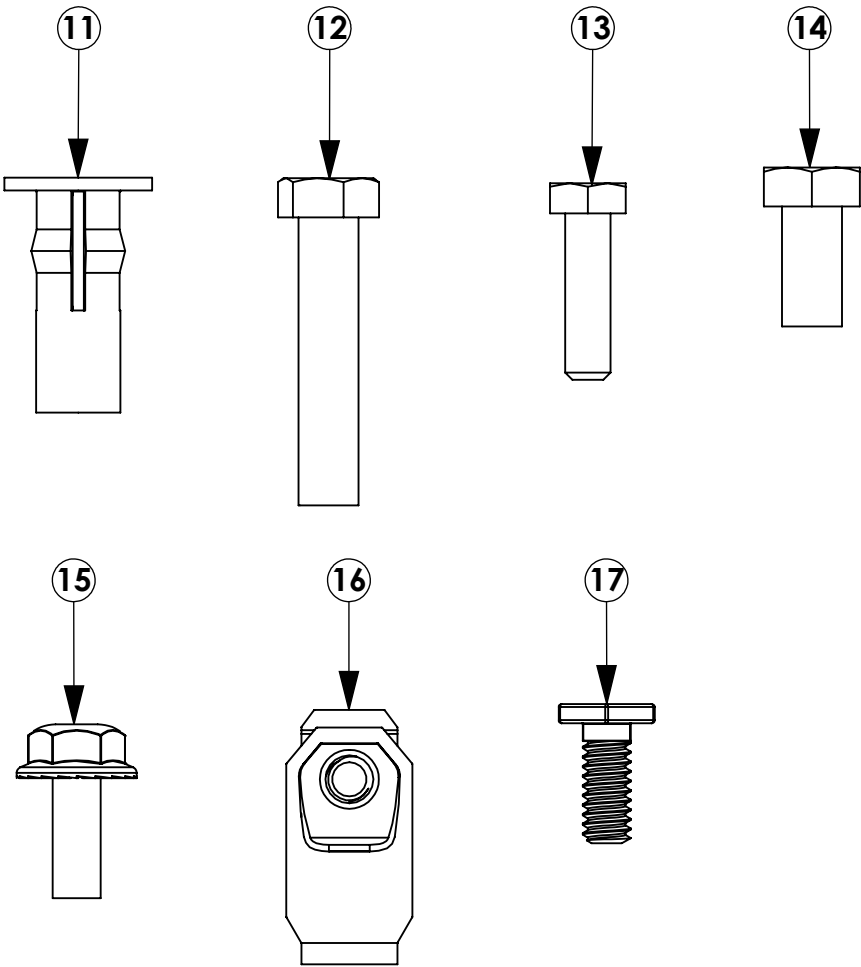
INTENTIONALLY LEFT BLANK

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

PAGE:
8

FASTENERS USED
BAG REFERENCE: BAGAEPMBKFT1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
11	FAS0091	Plusnut, 5/16	4
12	FAS0092	Screw, Hex Hd, 5/16-18x1.50 Zn Plate, G8	2
13	FAS0187	SCR,HH,M6-1.0X22	1
14	FAS0165	SCREW,HH 5/16-18X.62 ZN	2
15	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	6
16	FAS0994	U-NUT, 1/4-20, BO	6
17	FAS0924	BOLT,CRG 1/4-20X.62 FH ZP	1



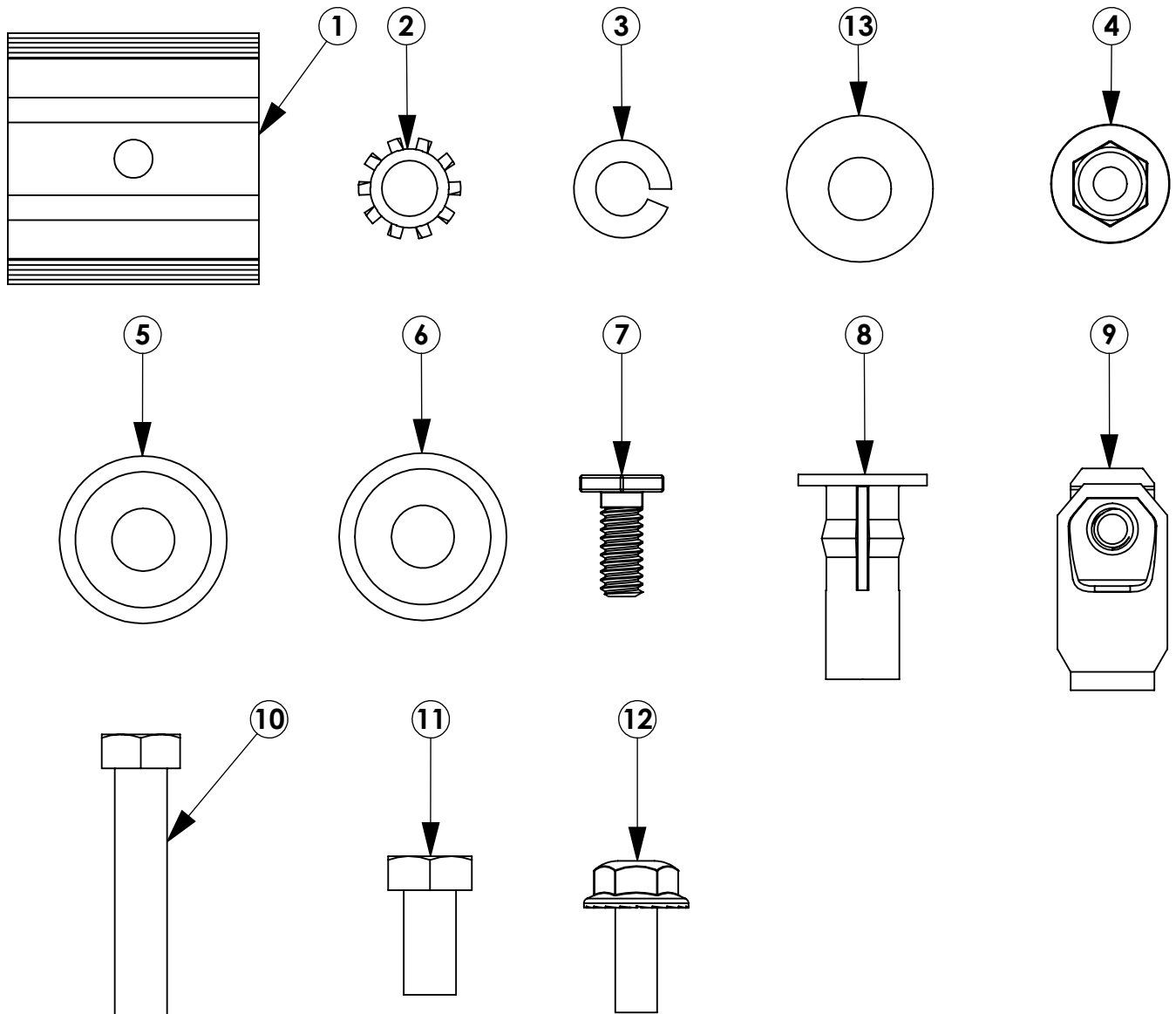
INTENTIONALLY LEFT BLANK

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

PAGE:

10**FASTENERS USED****BAG REFERENCE: BAGAEPMBKGM1**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	35335-0	SLIDE, 1.5" / AD RAIL	4
2	FAS0085	WASHER,LCK EXT 5/16 ZP	4
3	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	2
4	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	1
5	03927-1	SPACER,FLR,1010,11/32 ZP	2
6	03927-2	SPACER, FLR, 1010, 11/16 ZP	2
7	FAS0924	BOLT,CRG 1/4-20X.62 FH ZP	1
8	FAS0091	Plusnut, 5/16	2
9	FAS0994	U-NUT, 1/4-20, BO	6
10	FAS0092	Screw, Hex Hd, 5/16-18x1.50 Zn Plate, G8	2
11	FAS0165	SCREW,HH 5/16-18X.62 ZN	4
12	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	6
13	FAS0086	WASHER,FLAT USS 5/16 ZP	6



INTENTIONALLY LEFT BLANK

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

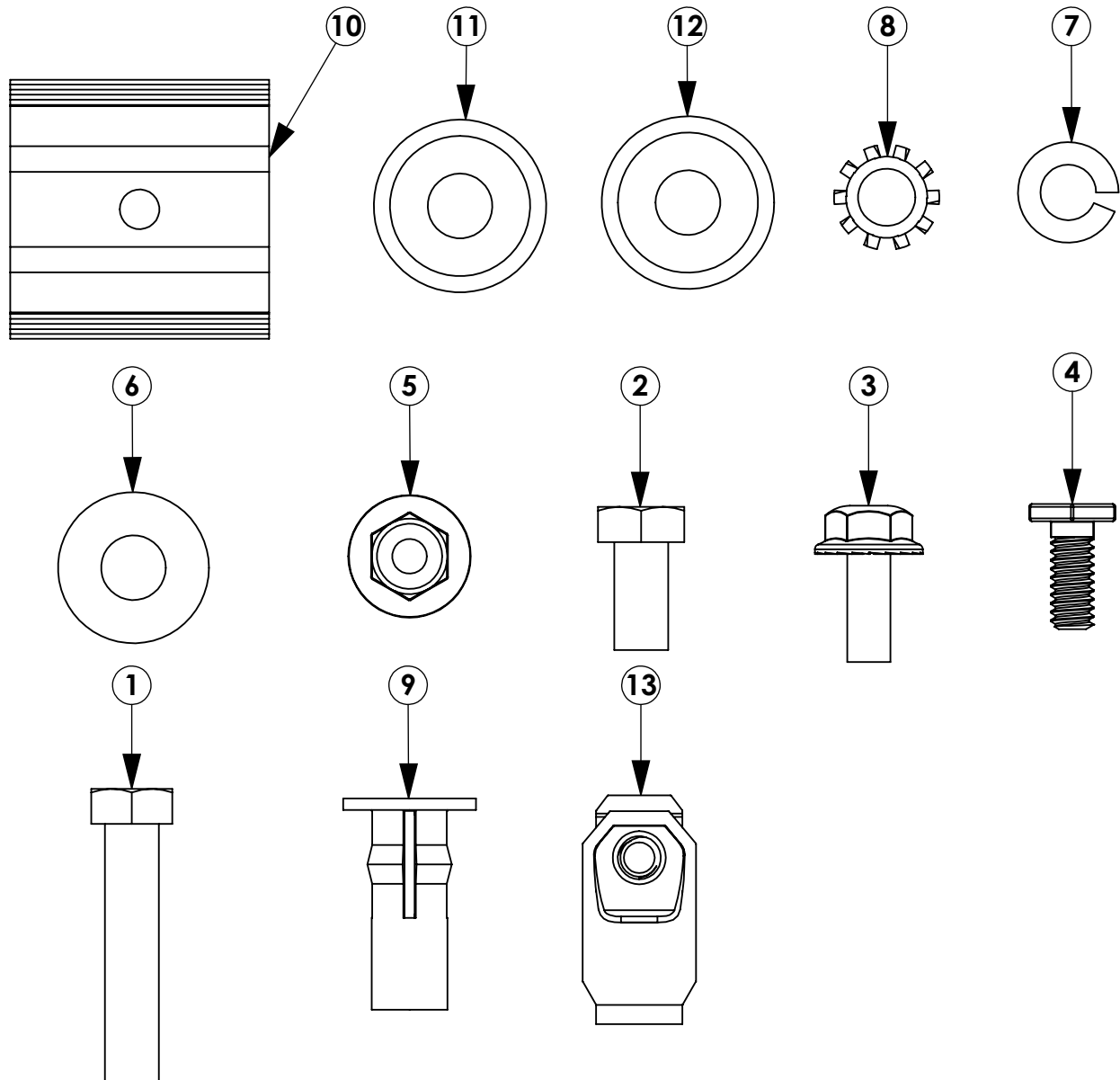
PAGE:

12

FASTENERS USED

BAG REFERENCE: BAGAEPMBKSP1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0092	Screw, Hex Hd, 5/16-18x1.50 Zn Plate, G8	4
2	FAS0165	SCREW,HH 5/16-18X.62 ZN	2
3	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	6
4	FAS0924	BOLT,CRG 1/4-20X.62 FH ZP	1
5	FAS0055	NUT,HEX NLK FLG 1/4-20 ZP	1
6	FAS0086	WASHER,FLAT USS 5/16 ZP	6
7	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	4
8	FAS0085	WASHER,LCK EXT 5/16 ZP	2
9	FAS0091	Plusnut, 5/16	4
10	35335-0	SLIDE, 1.5" / AD RAIL	2
11	03927-1	SPACER,FLR,1010,11/32 ZP	2
12	03927-2	SPACER,FLR, 1010, 11/16 ZP	2
13	FAS0994	U-NUT, 1/4-20, BO	6



INTENTIONALLY LEFT BLANK

BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

PAGE:

14**FASTENERS USED****BAG REFERENCE: SEE BOM****BAGAS-CH68AO**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0994	U-NUT, 1/4-20, BO	32
2	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	32

BAGAS-CH63AO

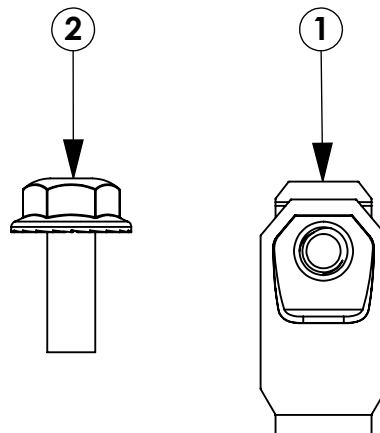
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0994	U-NUT, 1/4-20, BO	28
2	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	28

BAGAS-CH48AO

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0994	U-NUT, 1/4-20, BO	24
2	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	24

BAGAS-CHS1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0994	U-NUT, 1/4-20, BO	4
2	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	4



INTENTIONALLY LEFT BLANK

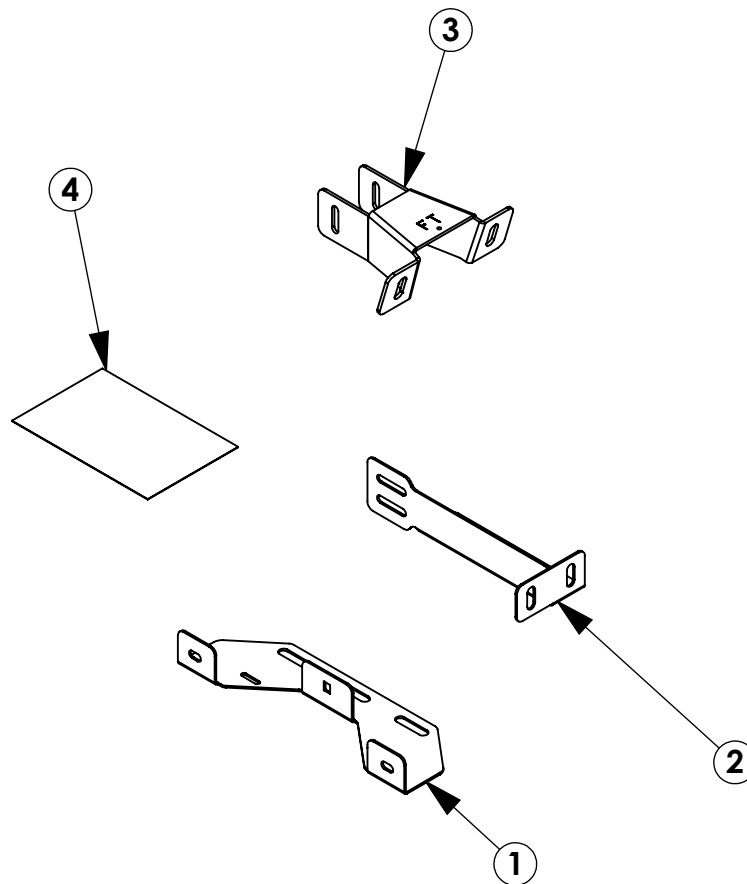
PAGE:

16

HARDWARE USED

HDW KIT REFERENCE: AEPMBKFT1

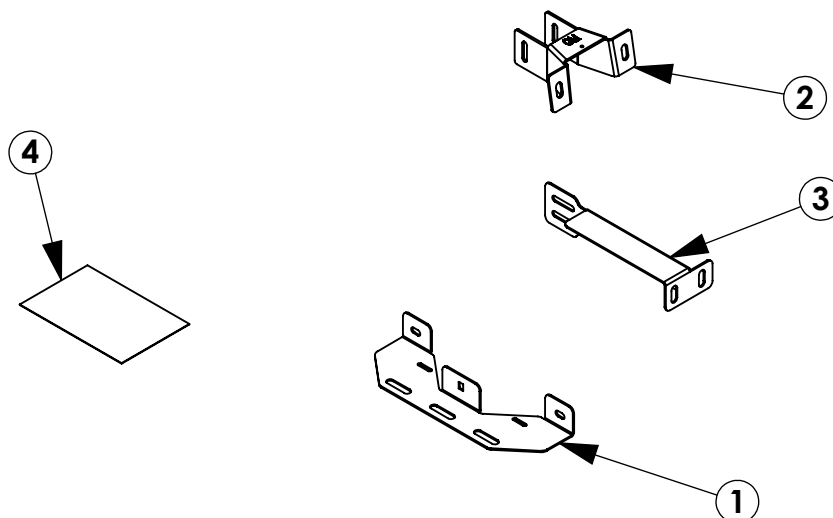
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AEPFMB10-A	END PANEL FLR MNT,10,A	1
2	AEPBELT-FT-A	END PANEL BELT BRKT,FT,A	1
3	AEPRMB-FT-A	END PANEL RAIL MNT BKT,FT,A	1
4	BAGAEPMBKFT1	BAG FOR AEPMBKFT1A	1



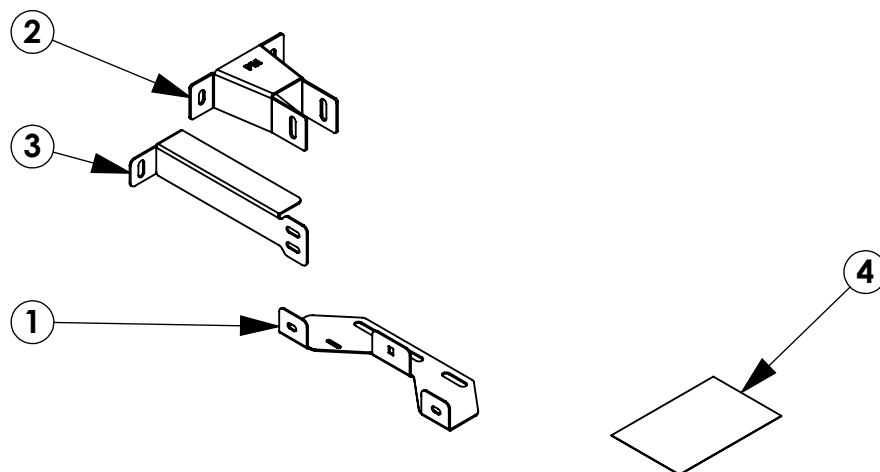
INTENTIONALLY LEFT BLANK

HARDWARE USED**HDW KIT REFERENCE: SEE BOM****AEPMBKGM1**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AEPFMB10-A	END PANEL FLR MNT,10,A	1
2	AEPRMB-GM	END PANEL RAIL MNT BKT,GM	1
3	AEPBELT-GM-A	END PANEL BELT BRKT,GM,A	1
4	BAGAEPMBKGM1	BAG FOR AEPMBKGM1A	1

**AEPMBKPM1**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AEPFMB10-A	END PANEL FLR MNT,10,A	1
2	AEPRMB-PM-A	END PANEL RAIL MNT BKT,PM,A	1
3	AEPBELT-PM-A	END PANEL BELT BRKT,PM,A	1
4	BAGAEPMBKSP1	BAG FOR AEPMBKSP1A	1



INTENTIONALLY LEFT BLANK

STEP 1 - ASSEMBLE CASE HOLDER SHELVING

Step 1.1
LOCATE DESIRED
HOLE HEIGHT FOR
SHELF'S.

USE REAR HOLE
ON SHELVING TO
DETERMINE IF
SHELVES WILL BE
AT AN ANGLE (AS
SHOWN BELOW)
EITHER AT 90 OR
16 DEGREES.

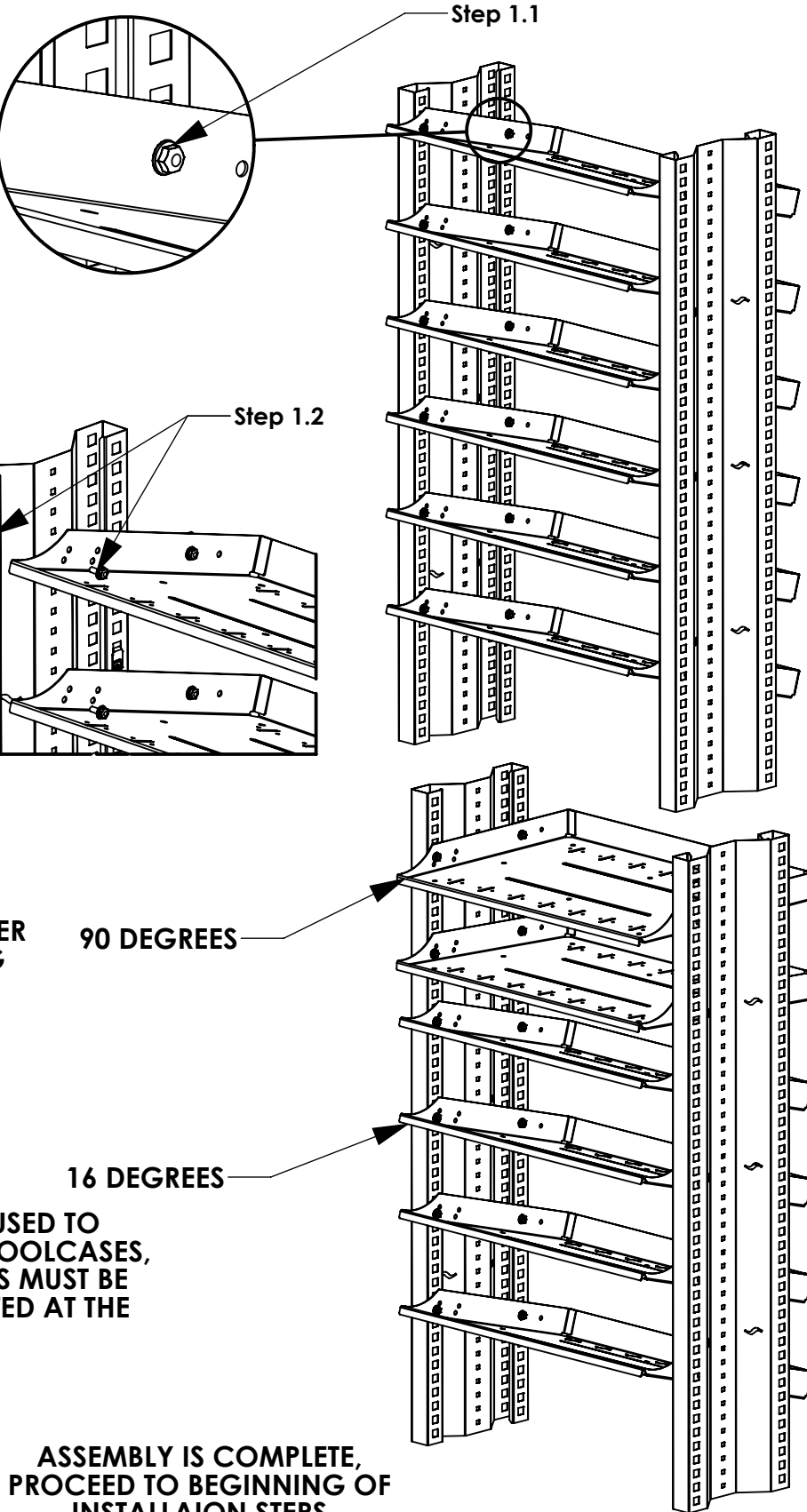
Step 1.2
SLIDE FAS0994
INTO SQUARE
HOLE, ALIGN
HOLES ON
SHELVING WITH
FAS0994. FULLY
TIGHTEN FAS0018

7/16 WRENCH

REPEAT ON
OTHER SIDE

NOTE:
FOLLOW INSTRUCTION
FOR BUILDINGCASE HOLDER
TOWER ADD ON SHELVING

NOTE:
WHEN USED TO
HOLD TOOLCASES,
SHELVES MUST BE
MOUNTED AT THE
ANGLE



STEP 2 - ATTACH RAIL MOUNTING BRACKET TO VEHICLE UPPER RAIL KIT

Step 2.1
INSERT RAIL
SLIDES INTO
UPPER RAIL (IF
YOU HAVE NOT
DONE ALREADY)

**QTY 2 PER RAIL
MOUNTING
BRACKET (END
PANEL)**

Step 2.2
LOOSELY
ASSEMBLY UNTIL
AFTER Step 5.1,
(4)FAS0165,
(4)FAS0085,
(4)FAS0086,
(4)35335-0

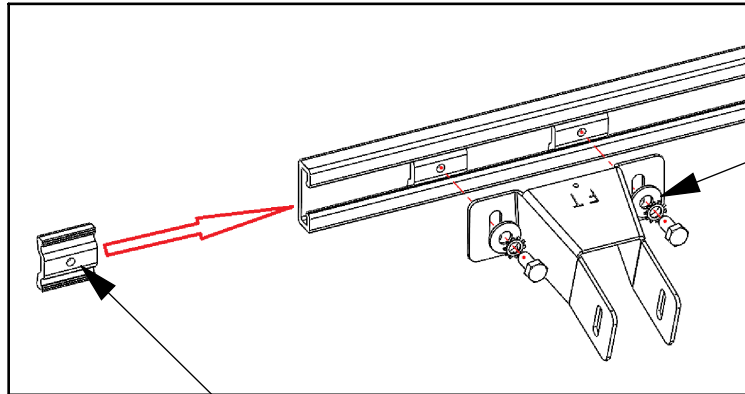
1/2" WRENCH

Step 2.3
LOOSELY
ASSEMBLY UNTIL
AFTER Step 5.1,
(4)FAS0994 &
(4)FAS0018

7/16 WRENCH

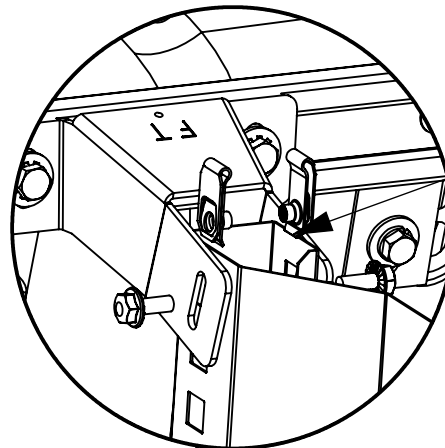
**FAS0094 SHOULD
BE INSERTED INTO
THE HOLE THAT
BEST FITS YOUR
VEHICLE AND
YOU SELECTED
FLOOR OPTION**

**RAIL MOUNTING BRACKETS ARE VEHICLE SPECIFIC AND ARE
LABELED ACCORDINGLY. FORD TRANSIT BRACKETS ARE SHOWN
FOR THE PURPOSES OF THIS INSTRUCTION**

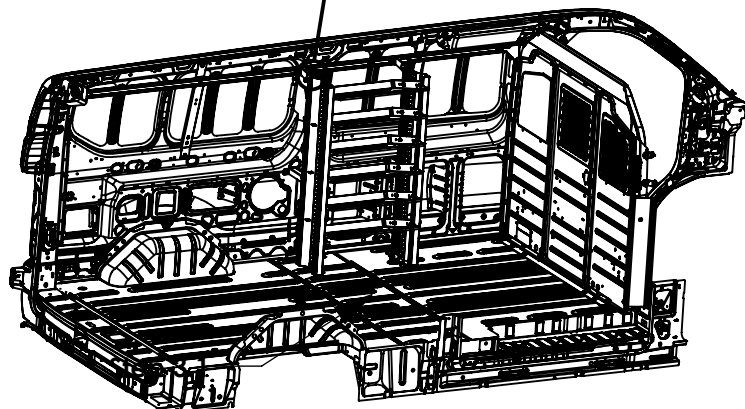


Step 2.1

Step 2.2



Step 2.3



**STEP 3 - ATTACH BELTLINE BRACKETS TO SHELVING UNIT AND
INSTALL IN VEHICLE**

Step 3.1
FULLY TIGHTEN
(4)FAS0994 AND
(4)FAS0018

7/16 WRENCH

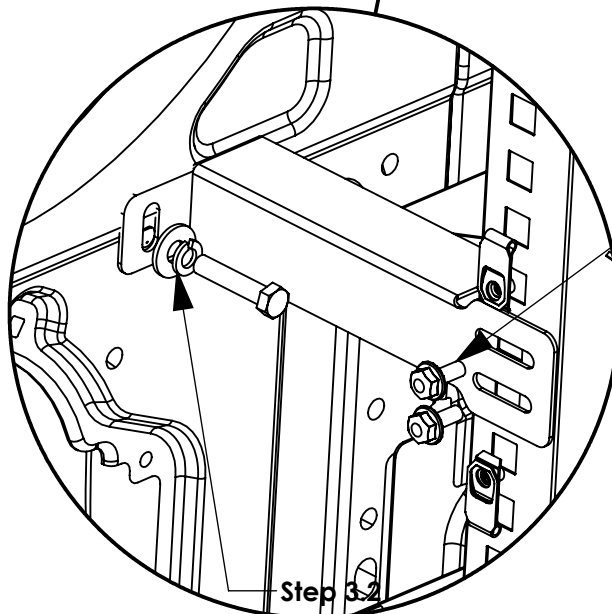
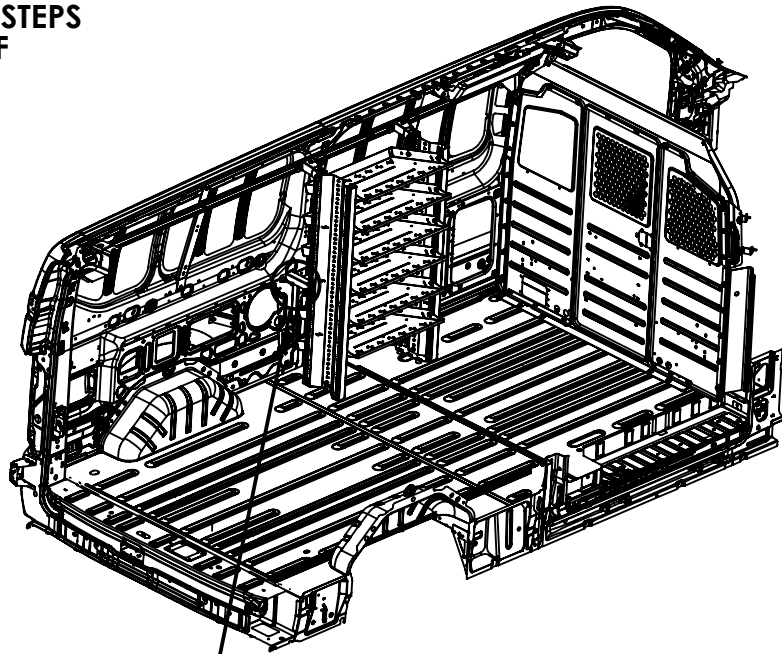
NOTE:
REPEAT BOTH STEPS
FOR FRONT OF
SHELVING

Step 3.2
MARK AND
DRILL 1/2" HOLE
IN BELTLINE OF
VEHICLE.

SET PLUSNUTS IN
DRILLED HOLES.

LOOSELY
ASSEMBLY UNTIL
Step 5.1,
(2)FAS0092,
(2)FAS0098,
(2)FAS0086,
(2)FAS0091

1/2" DRILL BIT
PLUSNUT GUN
1/2" SOCKET
DRILL



Step 3.1

Step 3.2

STEP 4 - MARK AND DRILL HOLES FOR FLOOR MOUNTING BRACKETS (GAS ONLY)

Step 4.1
PLACE BRACKET
AGAINST INSIDE
FACE OF END PANEL.

USING SMALL SLOT,
MARK HOLES IN
FLOOR FOR END
PANEL FLOOR
MOUNTING
BRACKET.

DRILL HOLE IN
VEHICLE FLOOR. IF
INSTALLING ON OEM
OR AFTERMARKET
FLOOR, USE HOLE
SAW FOR FLOOR
SPACER

(4) PLACES
1/2" DRILL BIT
1 3/16 HOLE SAW

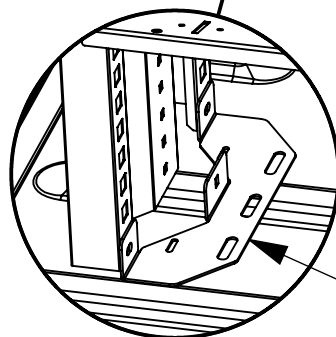
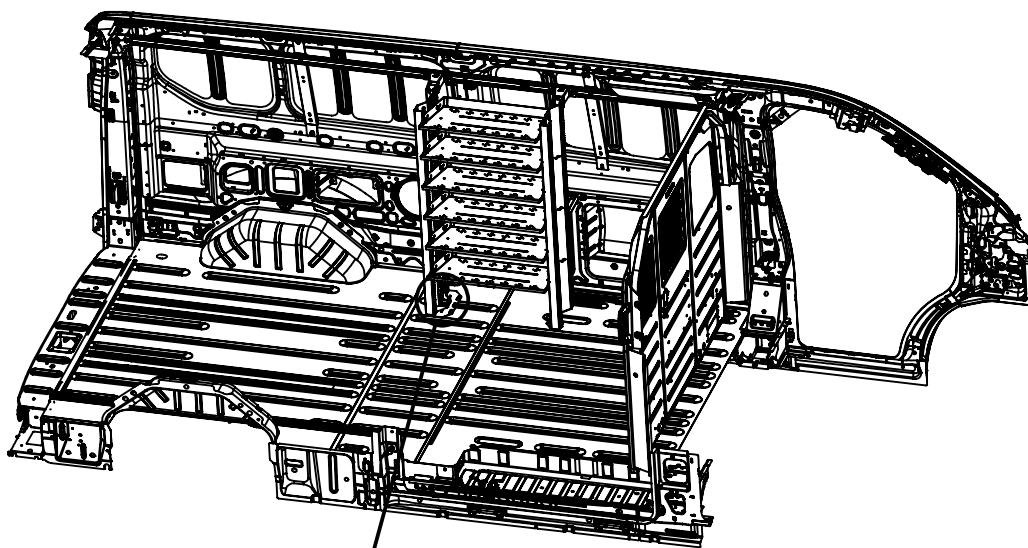
Step 4.2
SET PLUSNUT IN
DRILL HOLES
FROM Step 4.1.

(4) FAS0091 END
PANEL FLOOR
MOUNTING
BRACKET

SHOWN ON
NEXT PAGE

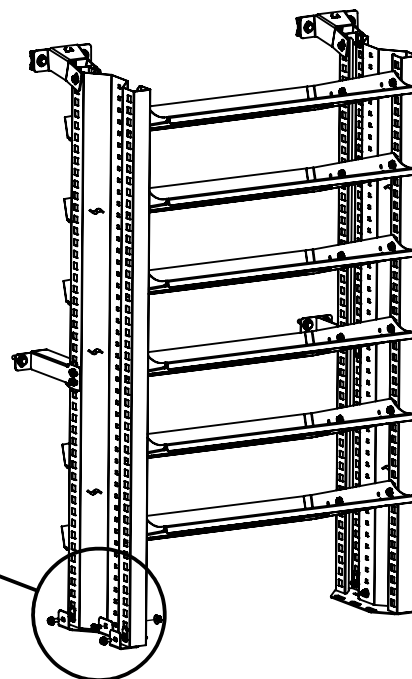
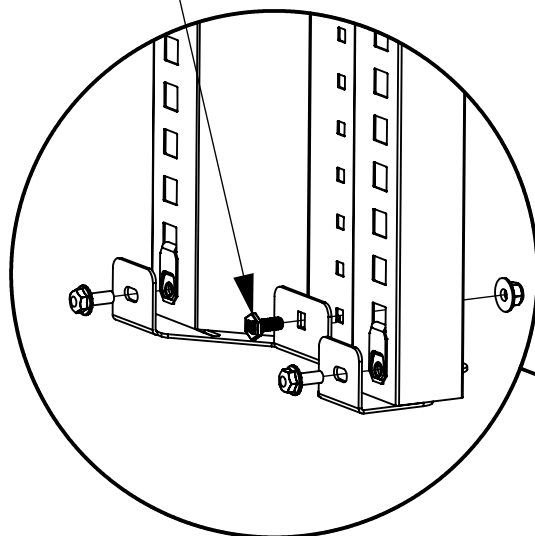
Step 4.3
SLIGHTLY LIFT
SHELVING UNIT
AND PLACE
BRACKET UNDER
END PANEL.
FULLY TIGHTEN
(4) FAS0994,
(4) FAS0018,
(2) FAS0924 &
(2) FAS0055

7/16 SOCKET



Step 4.1

Step 4.3



NOTE: VEHICLE HIDDEN FOR CLARITY

STEP 5 - ATTACH SHELVING UNIT TO VEHICLE FLOOR

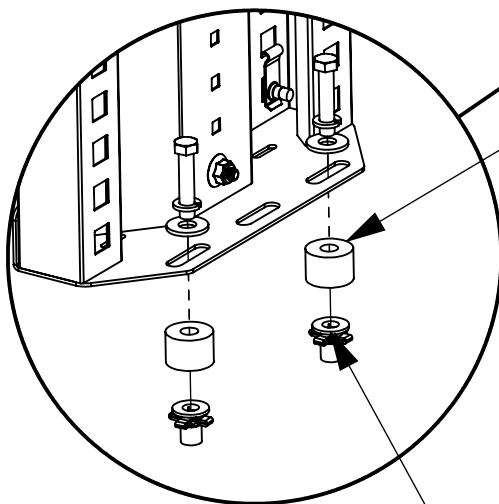
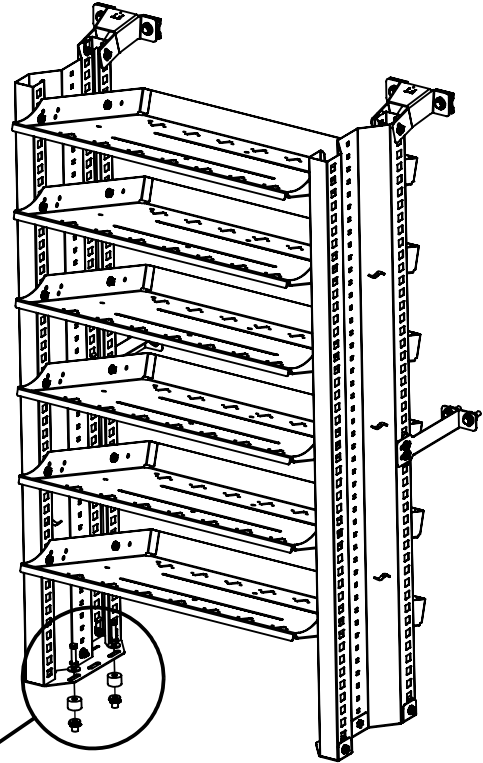
Step 5.1
FULLY TIGHTEN
(4)FAS0092,
(4)FAS0098,
(4)FAS0086,
(4)FAS0091

1/2" SOCKET

**IF INSTALLING ON
AN OEM OR
AFTERMARKET
FLOOR, OR IF HOLE
IS IN RIB OF VEHICLE,
USE 03927-1 OR
03927-2 TO CREATE
LEVEL MOUNTING
SURFACE**

Step 5.2
FULLY TIGHTEN
BOLTS FROM
Steps 2.2, 2.3, &
3.2

NOTE: VEHICLE HIDDEN FOR CLARITY



**03927-1 OR
03927-2**

Step 5.1

STEP 6 - ATTACH CASE HOLDER SHELVING ADD ON UNIT TO VEHICLE FLOOR

Step 6.1
FOLLOW Step 1.1 & 1.2 TO ASSEMBLY CASE HOLDER SHELVING.

IF NEEDED SLIDE SHELVING TO ANOTHER LOCATION TO ALLOW FOR ADD-ON TO BE ADDED INSIDE VEHICLE BAY.

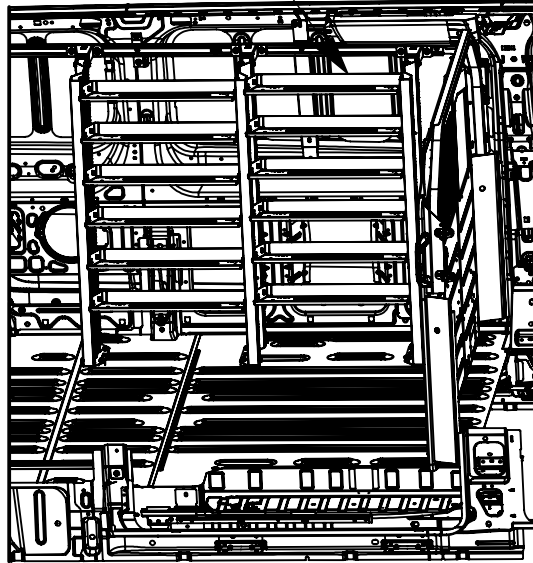
Step 6.2
PLACE CASE HOLDER ADD ON NEXT TO SHELVING UNIT. PLACE FAS0994 INTO END PANEL LIKE SHOWN IN Step 1.2, AND FULLY TIGHTEN FAS0018

1/2" WRENCH

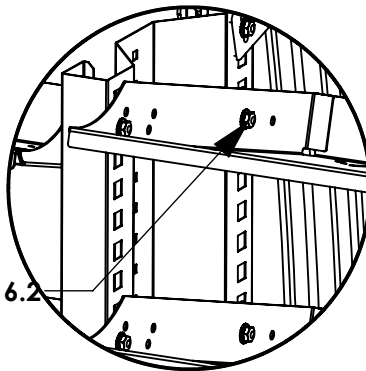
Step 6.3
FOLLOW Step 2 TO FINISH BUILD OF ADDING ADD-ON TO SHELVING.

FULLY TIGHTEN ALL FASTENERS

Step 6.1 &
Step 6.3

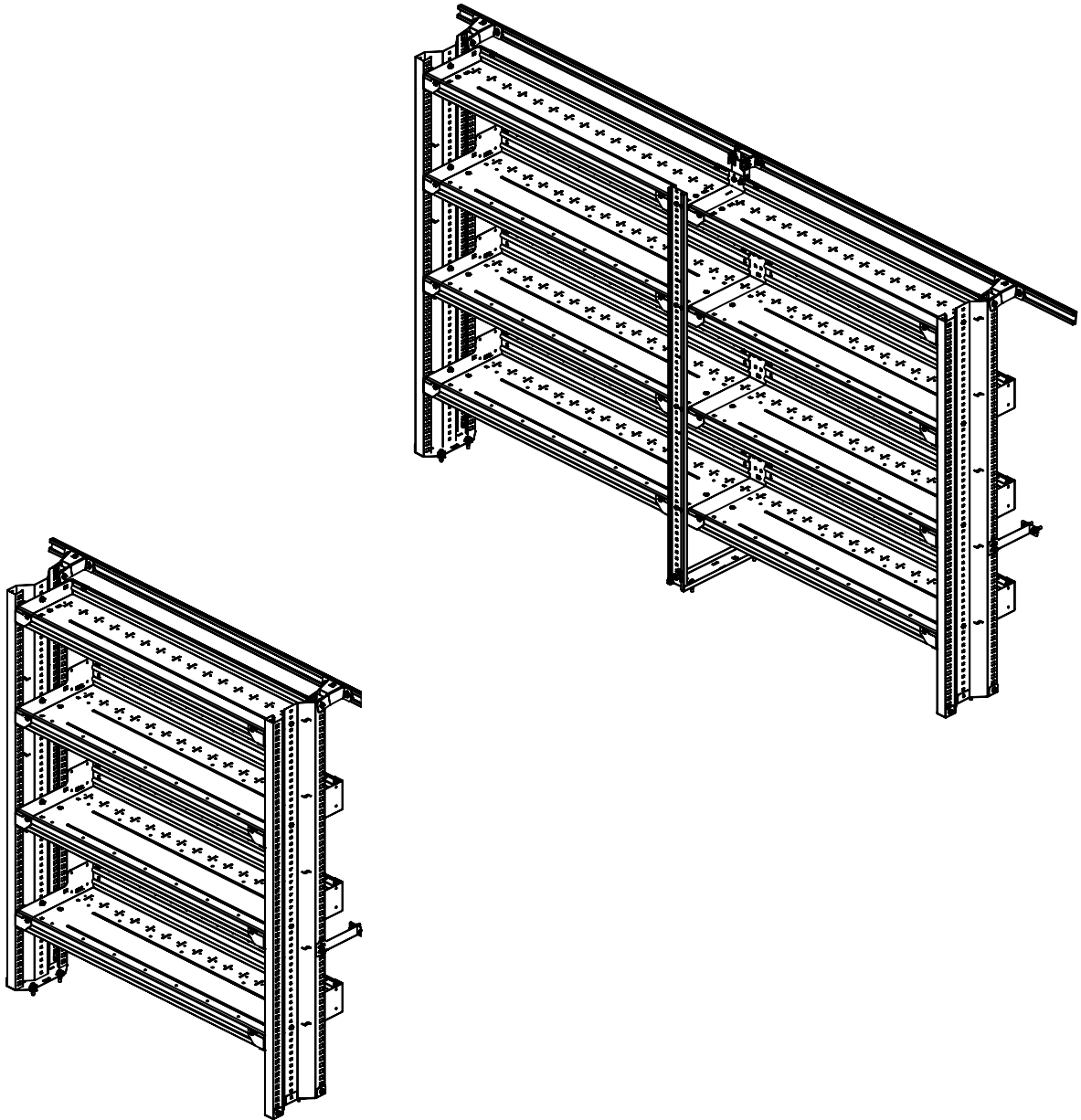


Step 6.2



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

**TO FIND KIT PART NUMBERS AND PRODUCT STRUCTURES OF YOUR SPECIFIC SHELVING
UNIT, PLEASE REFER TO PART #: APP-ASHELVING**



TOOLS NEEDED:

- TAPE MEASURE
- RUBBER Mallet
- IMPACT
- DRILL

- 7/16" SOCKET
- 1/2" SOCKET
- 10MM SOCKET
- 7/16" WRENCH
- 1/2" WRENCH

- PLUSNUT GUN
- MARKER
- 1/2" DRILL BIT
- 1 3/16" HOLE SAW

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.

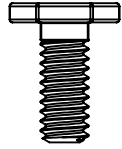
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

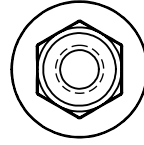
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED - END CAP KITS

BAG REFERENCE: SEE TABLE BELOW



**FAS0924
FLAT HEAD CRG BOLT
1/4-20 X .63 LG**



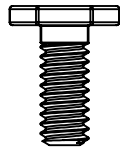
**FAS0055
NYLOK FLANGE NUT
1/4-20 HEX**

BAG PART NUMBER	BAG DESCRIPTION	FAS0924 QTY	FAS0055 QTY
BAGAECK2T1	BAG FOR END CAP KIT OF 1	10	10
BAGAECK2T3	BAG FOR END CAP KIT OF 3	28	28
BAGAECK2T4	BAG FOR END CAP KIT OF 4	38	38
BAGAECK2T5	BAG FOR END CAP KIT OF 5	48	48

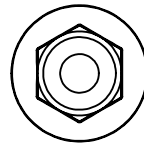
INTENTIONALLY LEFT BLANK

FASTENERS USED - CENTER SUPPORT KITS

BAG REFERENCE: SEE TABLE BELOW



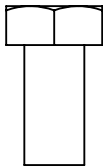
**FAS0924
FLAT HEAD CRG BOLT
1/4-20 X .63 LG**



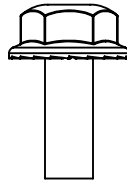
**FAS0055
NYLOK FLANGE NUT
1/4-20 HEX**

BAG PART NUMBER	BAG DESCRIPTION	FAS0924 QTY	FAS0055 QTY
BAGACSK1	BAG FOR CENTER SUPPORT KIT OF 1	14	14
BAGACSK3	BAG FOR CENTER SUPPORT KIT OF 3	42	46
BAGACSK4	BAG FOR CENTER SUPPORT KIT OF 4	56	60
BAGACSK5	BAG FOR CENTER SUPPORT KIT OF 5	70	74

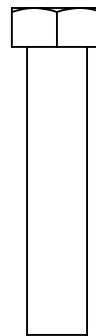
**NOTE: FASTENERS BELOW ARE
NOT INCLUDED IN BAGACSK1**



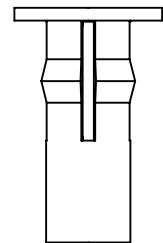
**FAS0165
HEX HEAD BOLT
5/16-18 X .63 LG
QTY: 02**



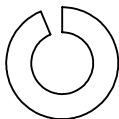
**FAS0018
HEX FLANGE BOLT
1/4-20 X .63 LG
QTY: 04**



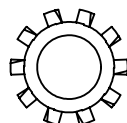
**FAS0092
HEX HEAD BOLT
5/16-18 X 1.5 LG
QTY: 04**



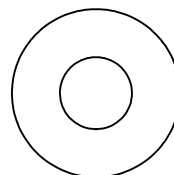
**FAS0091
PLUSNUT
5/16-18
QTY: 04**



**FAS0098
SPLIT LOCK WASHER
5/16
QTY: 04**



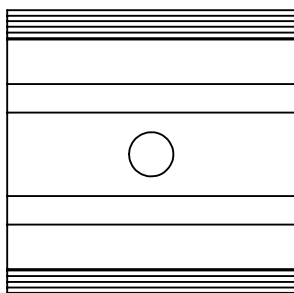
**FAS0085
STAR LOCK WASHER
5/16
QTY: 02**



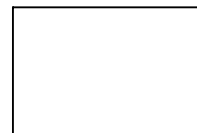
**FAS0086
FLAT WASHER
5/16
QTY: 06**



**03927-1
FLOOR SPACER
11/32
QTY: 04**



**35335-0
AD RAIL SLIDE
1.5 LG
QTY: 02**

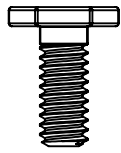


**03927-2
FLOOR SPACER
11/32
QTY: 04**

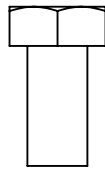
INTENTIONALLY LEFT BLANK

FASTENERS USED - FORD TRANSIT MOUNTING BRACKETS

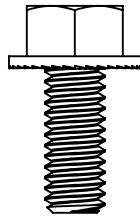
BAG REFERENCE: BAGAEPMBKFT



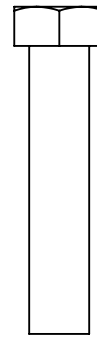
FAS0924
FLAT HEAD CRG BOLT
1/4-20 X .63 LG
QTY: 02



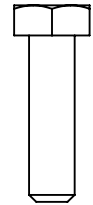
FAS0165
HEX HEAD BOLT
5/16-18 X .63 LG
QTY: 04



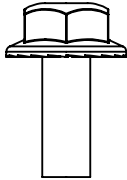
FAS0438
HEX FLANGE BOLT
5/16-18 X .75 LG
QTY: 02



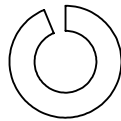
FAS0092
HEX HEAD BOLT
5/16-18 X 1.5 LG
QTY: 08



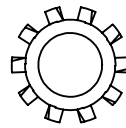
FAS0187
SCREW, HH,
M6-1.0 X 22
QTY: 01



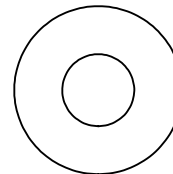
FAS0018
HEX FLANGE BOLT
1/4-20 X .63 LG
QTY: 12



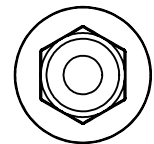
FAS0098
SPLIT LOCK WASHER
5/16
QTY: 08



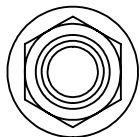
FAS0085
STAR LOCK WASHER
5/16
QTY: 04



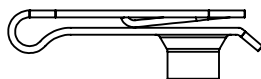
FAS0086
FLAT WASHER
5/16
QTY: 12



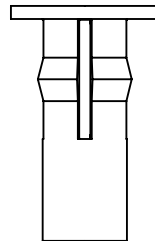
FAS0055
NYLOK FLANGE NUT
1/4-20 HEX
QTY: 02



FAS0440
NYLOK FLANGE NUT
5/16-18 HEX
QTY: 02



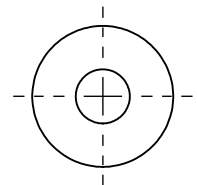
FAS0994
U-NUT
1/4-20
QTY: 12



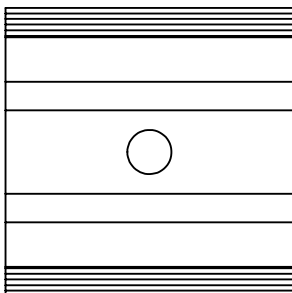
FAS0091
PLUSNUT
5/16-18
QTY: 08



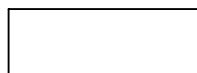
FAS0060
WASHER, LCK
SPLIT, 1/4, ZP
QTY: 01



FAS0067
WASHER, FLAT,
USS, 1/4, ZP
QTY: 1



35335-0
AD RAIL SLIDE
1.5 LG
QTY: 04



03927-1
FLOOR SPACER
11/32
QTY: 04

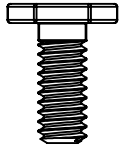


03927-2
FLOOR SPACER
11/32
QTY: 04

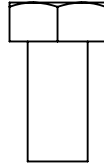
INTENTIONALLY LEFT BLANK

FASTENERS USED - GM EXPRESS/GMC SAVANA MOUNTING BRACKETS

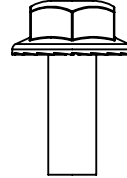
BAG REFERENCE: BAGAEPMBKGM



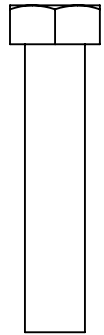
FAS0924
FLAT HEAD CRG BOLT
1/4-20 X .63 LG
QTY: 02



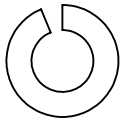
FAS0165
HEX HEAD BOLT
5/16-18 X .63 LG
QTY: 08



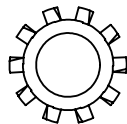
FAS0018
HEX FLANGE BOLT
1/4-20 X .63 LG
QTY: 12



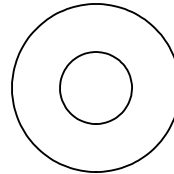
FAS0092
HEX HEAD BOLT
5/16-18 X 1.5 LG
QTY: 04



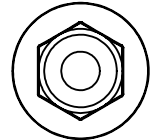
FAS0098
SPLIT LOCK WASHER
5/16
QTY: 04



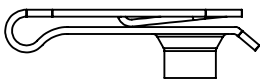
FAS0085
STAR LOCK WASHER
5/16
QTY: 08



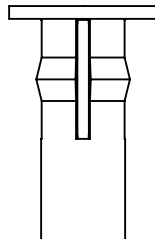
FAS0086
FLAT WASHER
5/16
QTY: 12



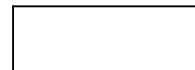
FAS0055
NYLOK FLANGE NUT
1/4-20 HEX
QTY: 02



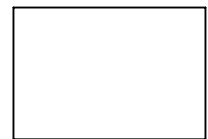
FAS0994
U-NUT
1/4-20
QTY: 12



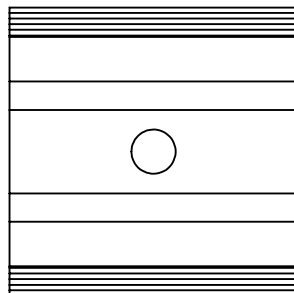
FAS0091
PLUSNUT
5/16-18
QTY: 04



03927-1
FLOOR SPACER
11/32
QTY: 04



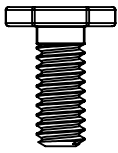
03927-2
FLOOR SPACER
11/32
QTY: 04



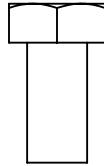
35335-0
AD RAIL SLIDE
1.5 LG
QTY: 08

INTENTIONALLY LEFT BLANK

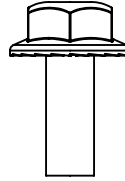
FASTENERS USED - MERCEDES SPRINTER/RAM PROMASTER MOUNTING BRACKETS
BAG REFERENCE: BAGAEPMBKSP



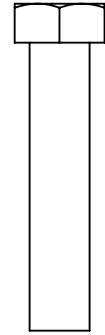
FAS0924
FLAT HEAD CRG BOLT
1/4-20 X .63 LG
QTY: 02



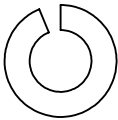
FAS0165
HEX HEAD BOLT
5/16-18 X .63 LG
QTY: 04



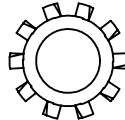
FAS0018
HEX FLANGE BOLT
1/4-20 X .63 LG
QTY: 12



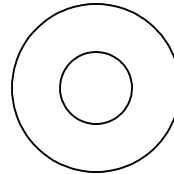
FAS0092
HEX HEAD BOLT
5/16-18 X 1.5 LG
QTY: 08



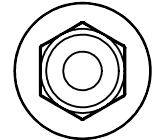
FAS0098
SPLIT LOCK WASHER
5/16
QTY: 08



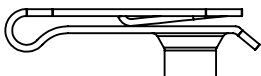
FAS0085
STAR LOCK WASHER
5/16
QTY: 04



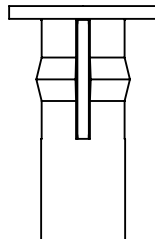
FAS0086
FLAT WASHER
5/16
QTY: 12



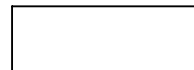
FAS0055
NYLOK FLANGE NUT
1/4-20 HEX
QTY: 02



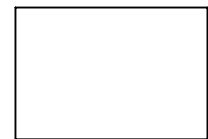
FAS0994
U-NUT
1/4-20
QTY: 12



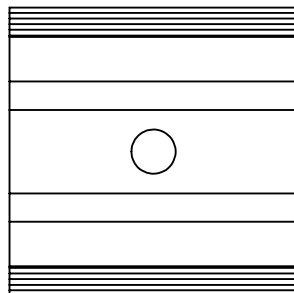
FAS0091
PLUSNUT
5/16-18
QTY: 08



03927-1
FLOOR SPACER
11/32
QTY: 04



03927-2
FLOOR SPACER
11/32
QTY: 04



35335-0
AD RAIL SLIDE
1.5 LG
QTY: 04

INTENTIONALLY LEFT BLANK

DETERMINE DESIRED SHELF HEIGHTS FOR YOUR VEHICLE AND ACCESSORIES

SPACE SHELVES EVENLY UNLESS OTHERWISE SPECIFIED

- MEASUREMENTS PROVIDED IN TABLES BELOW APPLY TO ALL END PANEL HEIGHTS
- SQUARE HOLE PATTERN IS 1 INCH SPACING FROM HOLE-TO-HOLE
- "S" SYMBOL = 12 HOLES (12 INCHES)

TABLE 1

OEM/MODEL	ROOF HEIGHT	A	C
FORD TRANSIT	LOW	12	3
	MEDIUM	12	4
	HIGH	12	3
GM EXPRESS/ GMC SAVANA	STD	14	6
RAM PROMASTER	LOW	19	4
	HIGH	19	2
MERCEDES SPRINTER	STD	15	4
	HIGH	15	3

A - DIMENSION REPRESENTS MINIMUM NUMBER OF HOLES FROM BOTTOM OF END PANEL FOR BOTTOM SHELF TO CLEAR VEHICLE'S WHEEL WELL

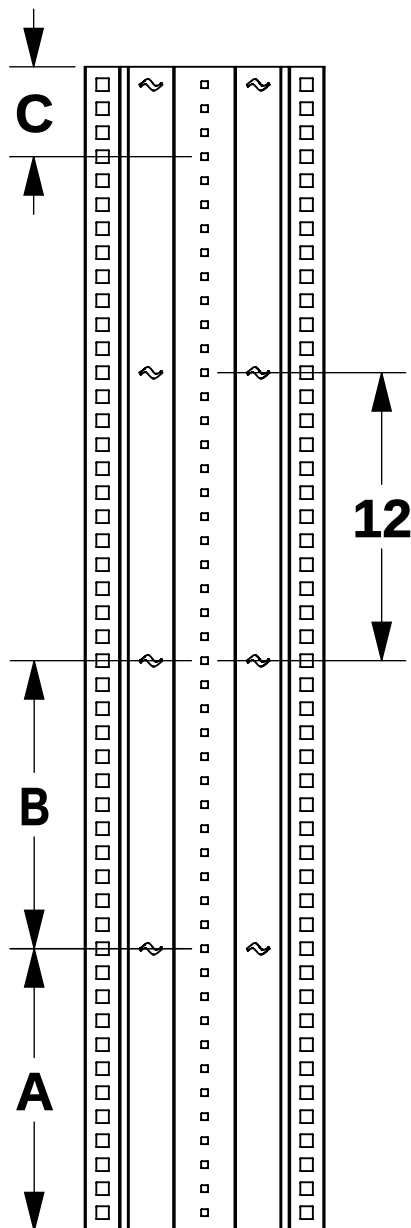
C - DIMENSION REPRESENTS NUMBER OF HOLES FROM TOP OF END PANEL FOR TOP SHELF LOCATION WHEN INSTALLING CENTER SUPPORT

*****NOTE - DIMENSION COULD VARY IF INSTALLING ON OEM OR AFTERMARKET FLOOR MAT**

TABLE 2

ACCESSORY	B
ADRIAN DRAWER UNITS (ALL MODELS)	14
ADRIAN DOOR KITS (ALL LENGTHS)	12

B - DIMENSION REPRESENTS NUMBER OF HOLES SPACING OF SHELVES FOR MOUNTING ACCESSORY PRODUCTS

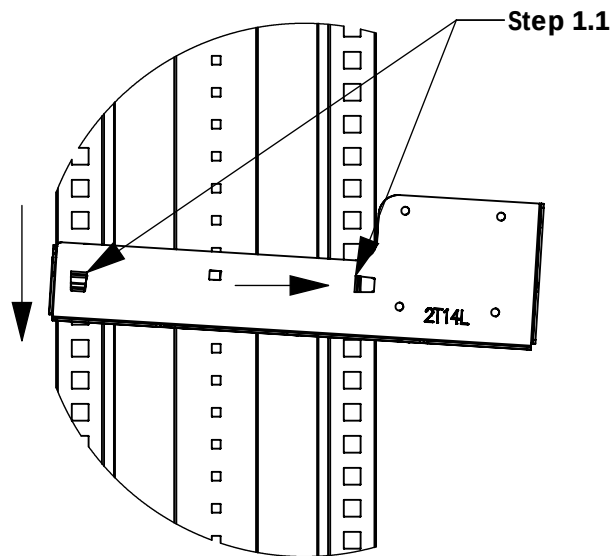


STEP 1 - ASSEMBLE END CAPS TO END PANELS**Step 1.1**

**LOCATE DESIRED HOLE
HEIGHT FOR SHELF**

**INSERT HORIZONTAL
TAB IN SQUARE HOLE**

**PUSH VERTICAL TAB
INTO OPPOSITE
CORRESPONDING
SQUARE HOLE**

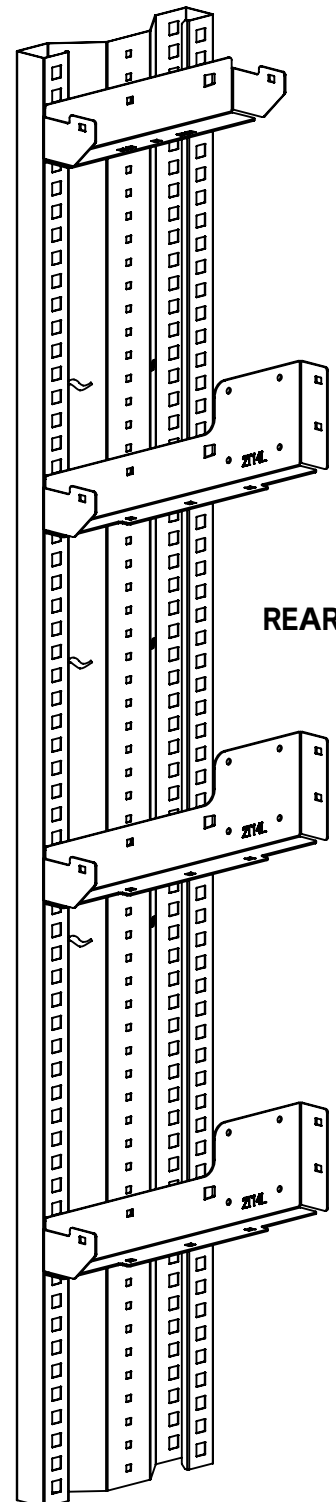


FRONT

REAR

Step 1.2

**REPEAT FOR OTHER
END PANEL**



STEP 2 - ASSEMBLE SHELF TO END CAP**Step 2.1**

FULLY TIGHTEN
FAS0924 AND FAS0055
(02 PLACES PER SHELF)
7/16" SOCKET

REPEAT STEP 2.1 FOR
REMAINING "2T"
SHELVES

Step 2.2

FULLY TIGHTEN
FAS0924 AND FAS0055
(02 PLACES PER SHELF)
7/16" SOCKET

REPEAT STEP 2.2 FOR
REMAINING "2T"
SHELVES

Step 2.3

FULLY TIGHTEN
FAS0924 AND FAS0055
(02 PLACES, TOP SHELF
ONLY)
7/16" SOCKET

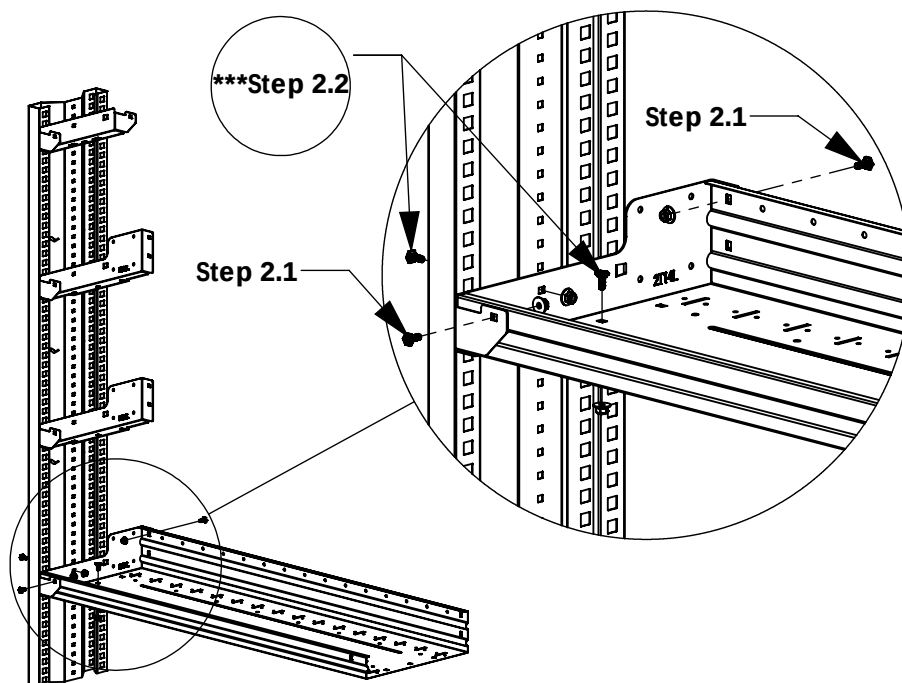
Step 2.4

FULLY TIGHTEN
FAS0924 AND FAS0055
(02 PLACES, TOP SHELF
ONLY)
7/16" SOCKET

Step 2.5

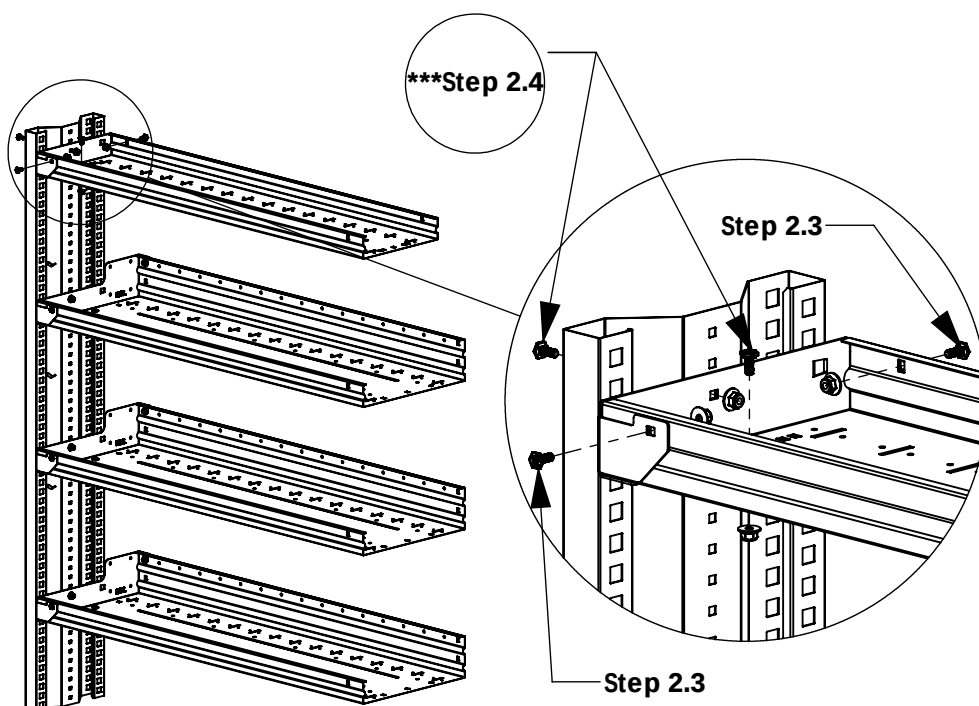
REPEAT STEPS 2.1 - 2.4
FOR OTHER END PANEL
ASSEMBLY

*****IF INSTALLING**
CENTER SUPPORT, SKIP
THIS STEP AND
PROCEED TO STEP 3



*****NOTE:**

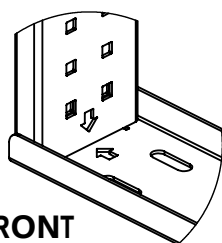
IF INSTALLING A DOOR KIT, DO NOT INSERT
FASTENER INTO THE END PANEL, BOTTOM OF
THAT SHELF, OR THE SHELF ABOVE IT AT THIS
TIME



STEP 3 - ASSEMBLE CENTER SUPPORT**SKIP TO STEP 5 IF NOT INSTALLING SHELVING UNIT WITH CENTER SUPPORT****Step 3.1**

**LOOSELY ASSEMBLE
UNTIL AFTER STEP 9.4
FAS0924 AND FAS0055
(04 PLACES)
7/16" SOCKET**

**ALIGN ARROW OF
FRONT POST WITH
ARROW ON FLOOR
MOUNTING BRACKET**

**FRONT****Step 3.2**

**FULLY TIGHTEN
FAS0924 AND FAS0055
(04 PLACES)
7/16" SOCKET**

***** FRONT POST
LOCATION IS
EQUIVALENT TO TOP
END CAP LOCATION**

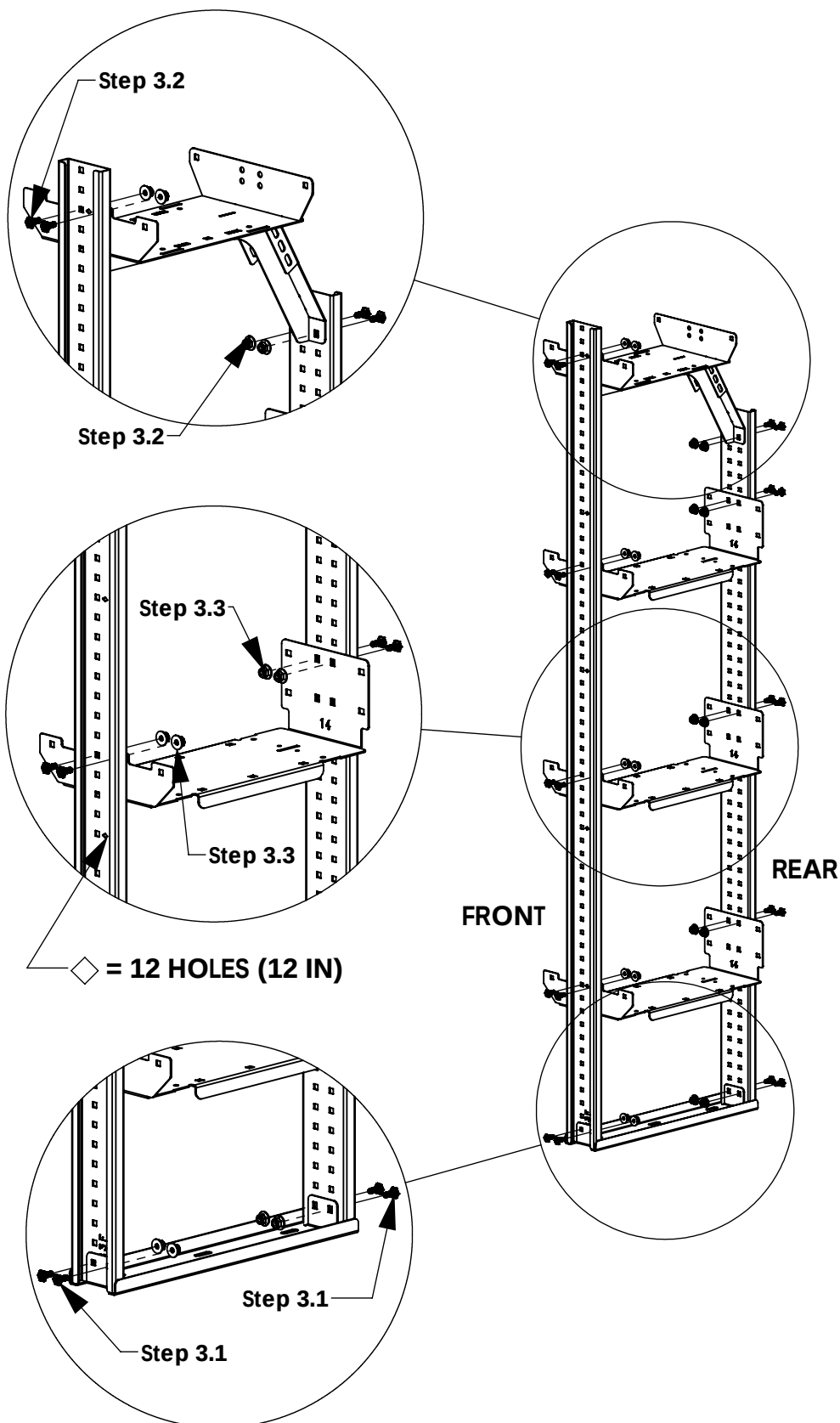
◇ = 12 HOLES (12 IN)

***** BACK POST
LOCATION IS 9 HOLES
LOWER THAN FRONT
POST**

Step 3.3

**FULLY TIGHTEN
FAS0924 AND FAS0055
(04 PLACES PER
SUPPORT BRACKET)
7/16" SOCKET**

***** FRONT AND REAR
POST LOCATIONS ARE
EQUIVALENT TO END
CAP LOCATIONS**



STEP 4 - ASSEMBLE SHELVES TO CENTER SUPPORT BRACKETS**Step 4.1**

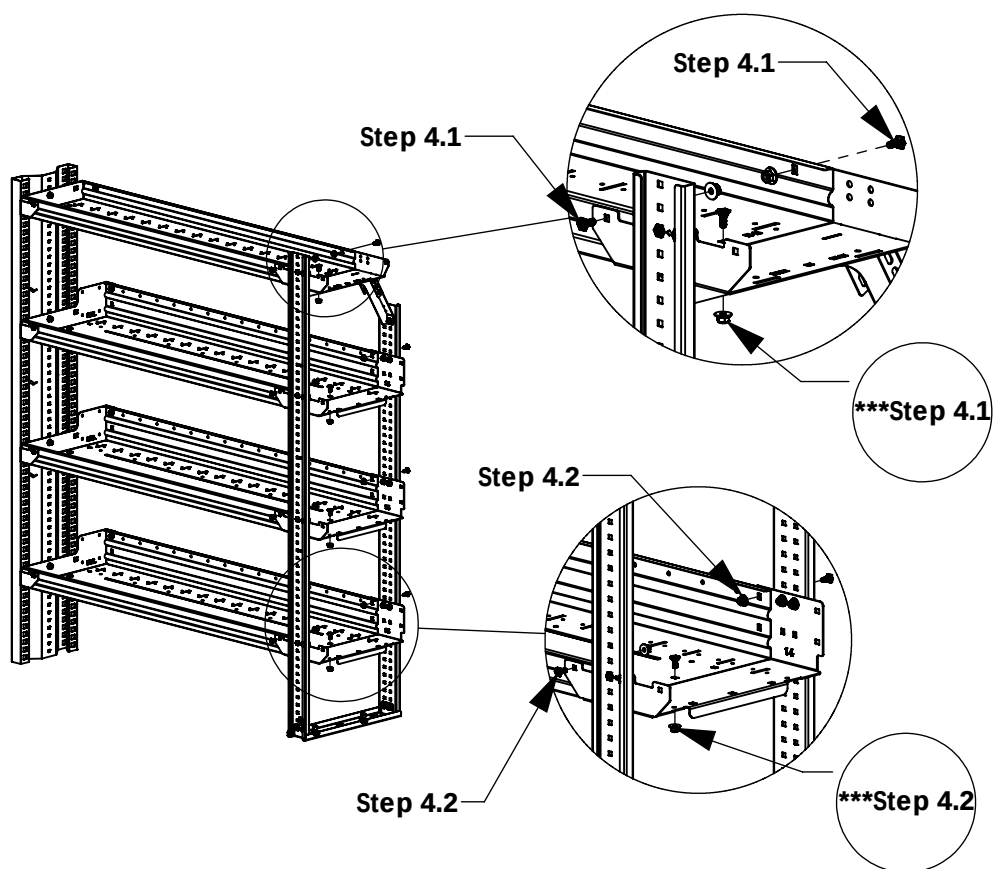
**FULLY TIGHTEN
FAS0924 AND FAS0055
(03 PLACES)
7/16" SOCKET**

Step 4.2

**FULLY TIGHTEN
FAS0924 AND FAS0055
(03 PLACES PER LOWER
SUPPORT BRACKET)
7/16" SOCKET**

Step 4.3

**REPEAT STEPS 2.1, 2.2,
4.1, & 4.2 TO ATTACH
OTHER SET OF SHELVES
TO THE CENTER
SUPPORT AND
OPPOSITE END PANEL**

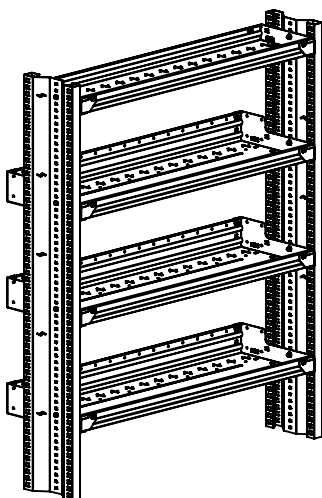


*****NOTE:**

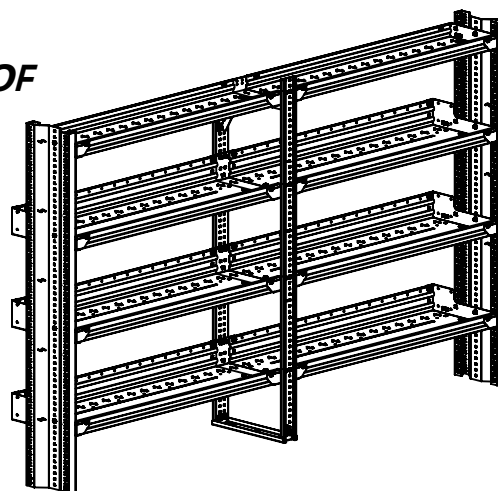
**IF INSTALLING A DOOR KIT, DO NOT INSERT
FASTENER INTO THE BOTTOM OF THAT SHELF,
OR THE SHELF ABOVE IT AT THIS TIME**



**IF INSTALLING A DOOR KIT, PLEASE COMPLETE STEPS
1-4 IN INSTRUCTION INS-ASK AT THIS TIME BEFORE
COMPLETING THE REST OF THIS INSTRUCTION**



**ASSEMBLY IS COMPLETE,
PROCEED TO BEGINNING OF
INSTALLATION STEPS**

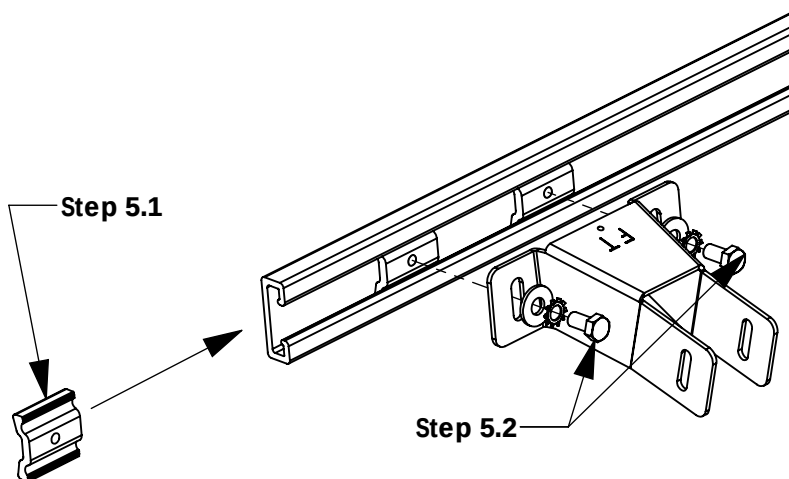


STEP 5 - ATTACH RAIL MOUNTING BRACKET TO VEHICLE UPPER RAIL KIT**Step 5.1**

**INSERT RAIL SLIDES INTO UPPER RAIL
(IF YOU HAVE NOT DONE SO ALREADY)**

**QTY 2 PER RAIL
MOUNTING BRACKET
(END PANEL & CENTER
SUPPORT)**

**RAIL MOUNTING BRACKETS ARE VEHICLE SPECIFIC AND ARE
LABELED ACCORDINGLY. FORD TRANSIT BRACKETS ARE SHOWN
FOR THE PURPOSES OF THIS INSTRUCTION**

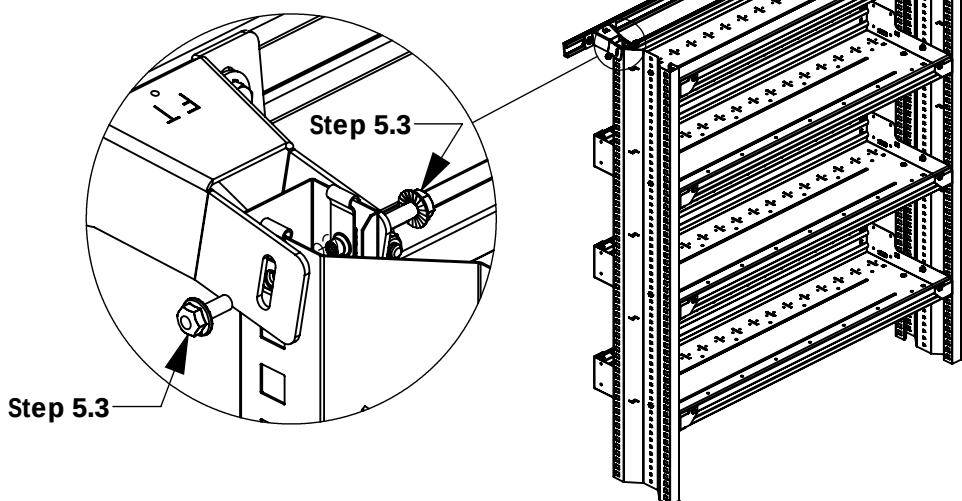
**Step 5.2**

**LOOSELY ASSEMBLE
UNTIL AFTER STEP 10
FAS0165, FAS0085,
FAS0086, 35335-0
(04 PLACES)
1/2" SOCKET**

Step 5.3

**LOOSELY ASSEMBLE
UNTIL AFTER STEP 10
FAS0018 AND FAS0994
(04 PLACES)
7/16" SOCKET**

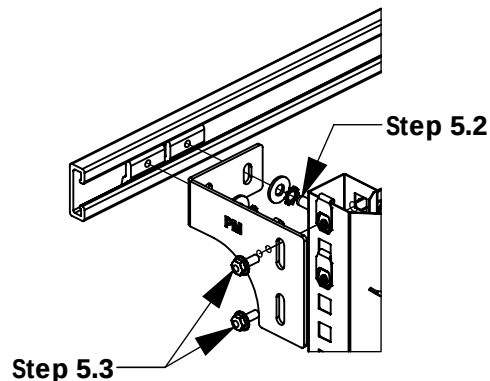
**FAS0994 SHOULD BE
INSERTED INTO THE
HOLE THAT BEST FITS
YOUR VEHICLE AND
YOUR SELECTED FLOOR
OPTION**



**IF INSTALLING A SHELVING UNIT ON THE PASSENGER
SIDE OF ONE OF THE FOLLOWING VEHICLES:**

- RAM PROMASTER LOW ROOF 118" WHEELBASE

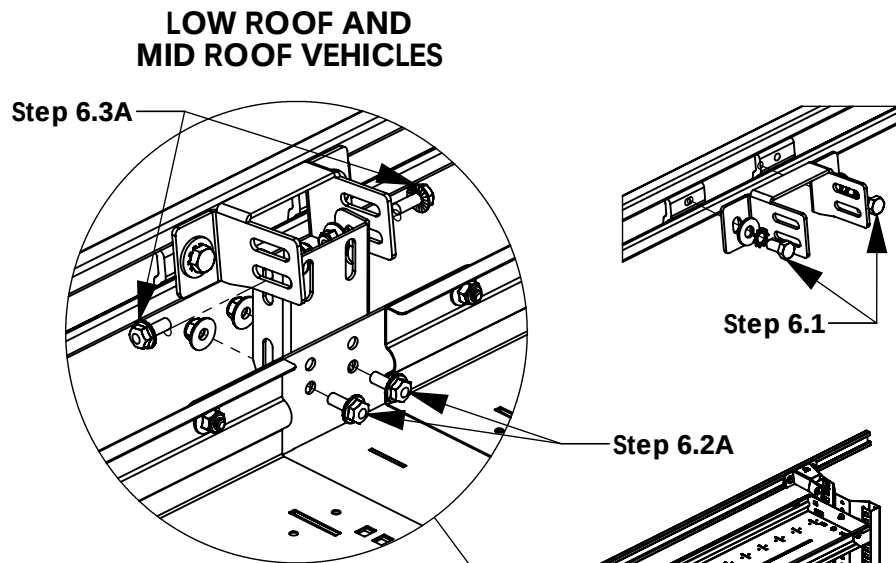
**THE FRONT MOUNTING BRACKET WILL MOUNT AS
SHOWN**



STEP 6 - ATTACH CENTER SUPPORT MOUNTING BRACKET TO RAIL **SKIP TO STEP 7 IF NOT INSTALLING CENTER SUPPORT**

Step 6.1

**LOOSELY ASSEMBLE
UNTIL AFTER STEP 10**
FAS0165, FAS0085,
FAS0086, 35335-0
(02 PLACES)
1/2" SOCKET



Step 6.2A

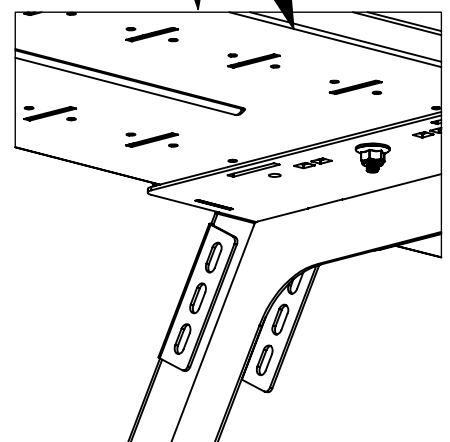
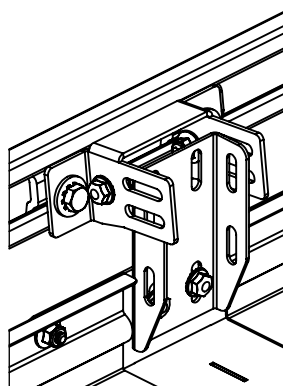
**LOOSELY ASSEMBLE
UNTIL AFTER STEP 10**
FAS0018 AND FAS0055
(02 PLACES)
7/16" WRENCH
7/16" SOCKET

Step 6.3A

**LOOSELY ASSEMBLE
UNTIL AFTER STEP 10**
FAS0018 AND FAS0055
(02 PLACES)
7/16" WRENCH
7/16" SOCKET

Step 6.2B

**LOOSELY ASSEMBLE
UNTIL AFTER STEP 10**
FAS0018 AND FAS0055
(02 PLACES)
7/16" WRENCH
7/16" SOCKET



GM EXPRESS / GMC SAVANA

HIGH ROOF VEHICLES

STEP 8 - MARK AND DRILL HOLES FOR FLOOR MOUNTING BRACKETS (GAS VEHICLES ONLY)

Step 8.1

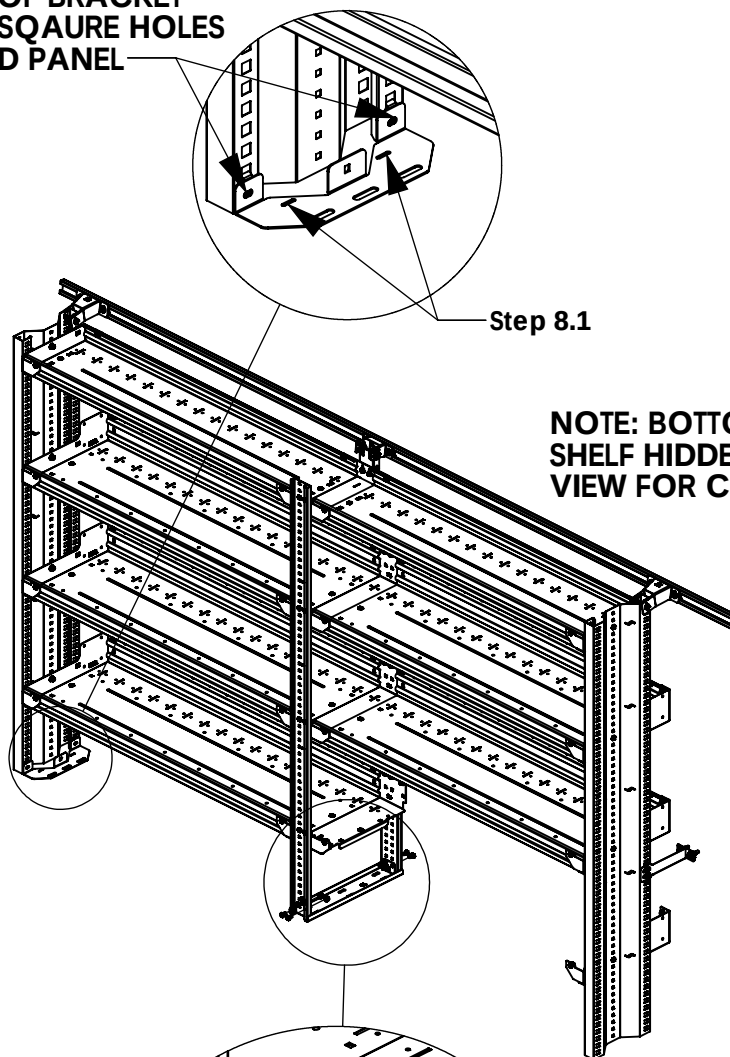
PLACE BRACKET
AGAINST INSIDE FACE
OF END PANEL

USING SMALL SLOT,
MARK HOLES IN FLOOR
FOR END PANEL FLOOR
MOUNTING BRACKET

DRILL HOLE IN VEHICLE
FLOOR. IF INSTALLING
ON OEM OR
AFTERMARKET FLOOR,
USE HOLE SAW FOR
FLOOR SPACER

(04 PLACES)
1/2" DRILL BIT
1 3/16" HOLE SAW

ALIGN SLOTS IN
TABS OF BRACKET
WITH SQUARE HOLES
IN END PANEL



Step 8.1

NOTE: BOTTOM RIGHT
SHELF HIDDEN IN THIS
VIEW FOR CLARITY

Step 8.2

MARK HOLES ON
FLOOR
(04 PLACES)

Step 8.3

REMOVE BOLTS,
SLIGHTLY LIFT
SHELVING UNIT, SLIDE
CENTER SUPPORT
FLOOR BRACKET OUT

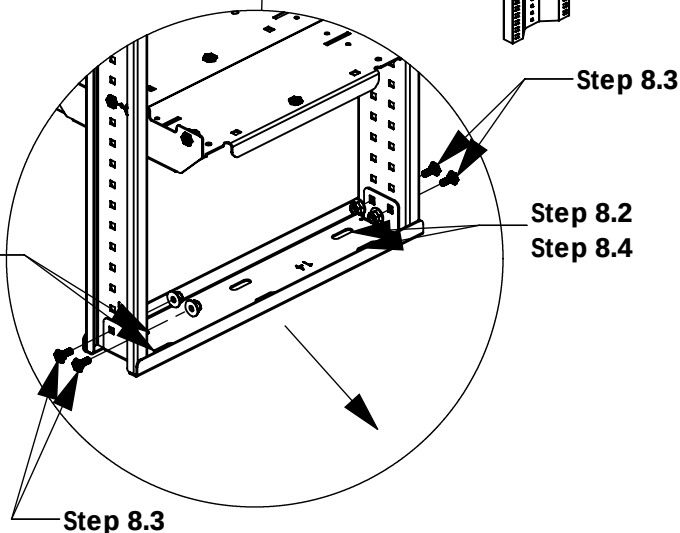
(04 PLACES)
7/16" SOCKET

Step 8.4

DRILL HOLES IN VEHICLE
FLOOR FROM STEP 8.2.
IF INSTALLING ON OEM
OR AFTERMARKET
FLOOR, USE HOLE SAW
FOR FLOOR SPACER

(04 PLACES)
1/2" DRILL BIT
1 3/16" HOLE SAW

Step 8.2
Step 8.4



Step 8.3

Step 8.2
Step 8.4

Step 8.3

NOTE: SKIP STEPS 8.2 - 8.4 IF NOT INSTALLING CENTER SUPPORT

STEP 9 - ATTACH END PANEL AND CENTER SUPPORT FLOOR MOUNTING BRACKETS

Step 9.1

**SET PLUSNUTS IN
DRILLED HOLES FROM
STEPS 8.1 - 8.4**

**FAS0091
(04 PLACES) - END
PANEL FLOOR
MOUNTING BRACKET**

**(04 PLACES) - CENTER
SUPPORT FLOOR
MOUNTING BRACKET**

SHOWN ON NEXT PAGE

Step 9.2

**SLIGHTLY LIFT
SHELVING UNIT AND
PLACE BRACKET UNDER
END PANEL**

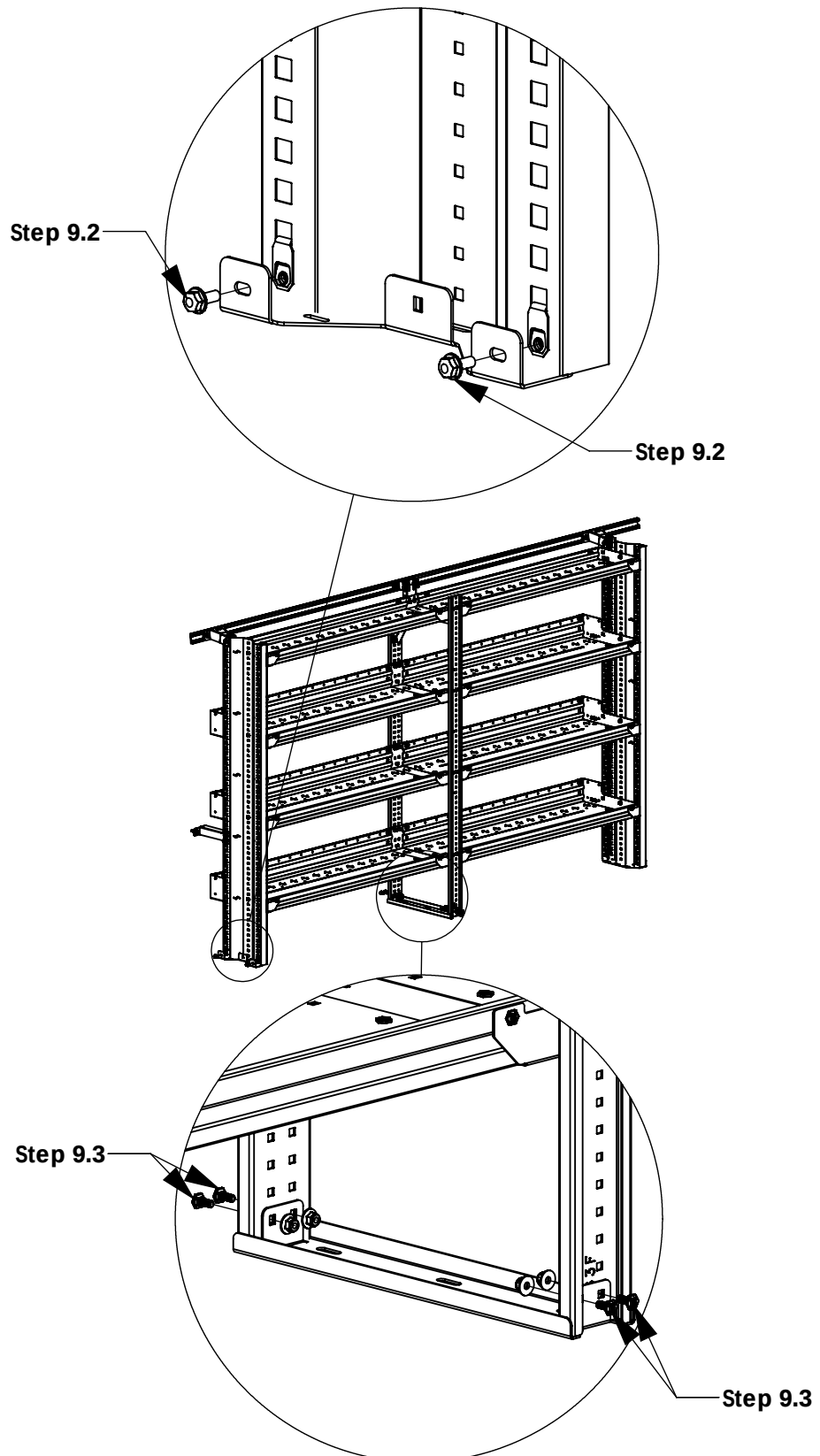
**FULLY TIGHTEN
FAS0994 AND FAS0018
(04 PLACES)
7/16" SOCKET**

Step 9.3

**REPLACE FASTENERS
FROM STEP 8.3**

**SLIGHTLY LIFT SHELVING
UNIT AND PLACE
BRACKET UNDER
CENTER SUPPORT POSTS**

**FULLY TIGHTEN
FAS0924 AND FAS0055
(04 PLACES)
7/16" SOCKET**

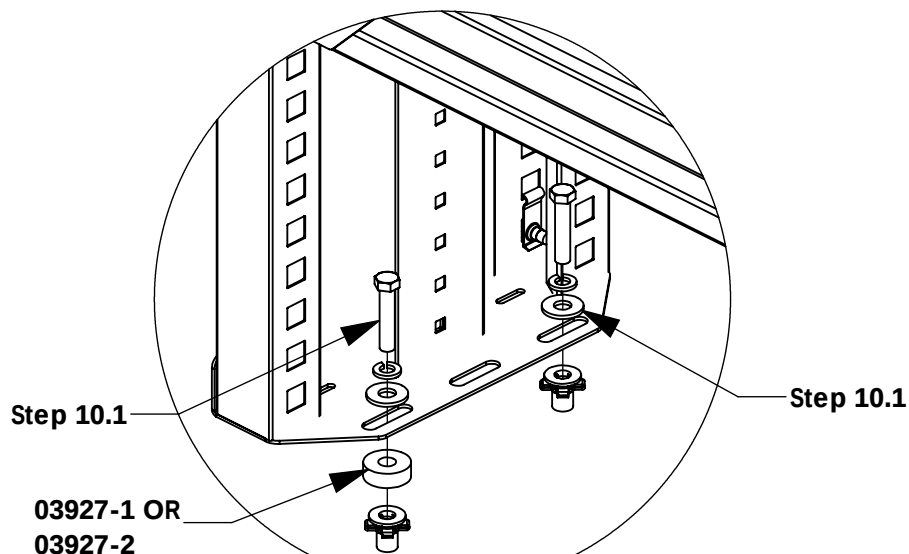


NOTE: SKIP STEP 9.3 IF NOT INSTALLING CENTER SUPPORT

STEP 10 - ATTACH SHELVING UNIT TO VEHICLE FLOOR**Step 10.1**

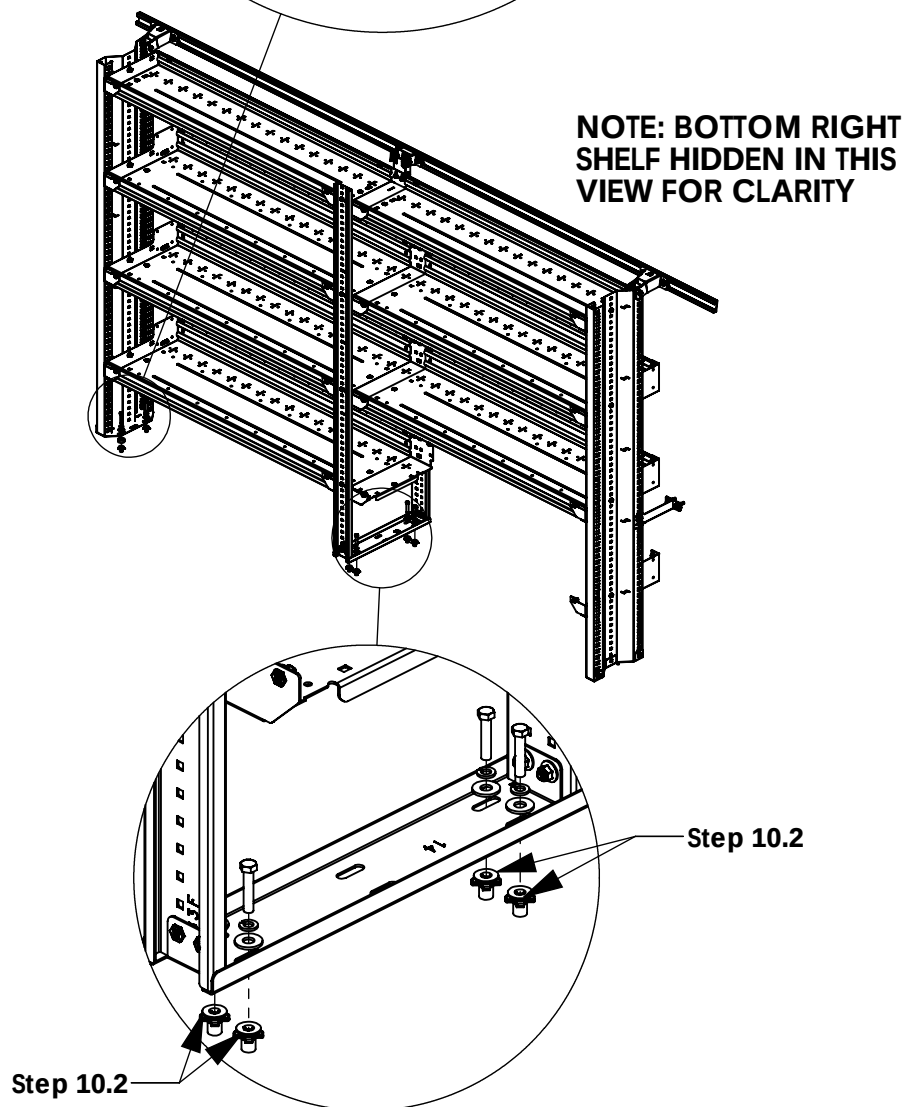
FULLY TIGHTEN
FAS0092, FAS0098,
FAS0086, FAS0091
(04 PLACES)
1/2" SOCKET

IF INSTALLING ON AN
OEM OR AFTERMARKET
FLOOR, OR IF HOLE IS
IN RIB OF VEHICLE, USE
03927-1 OR 03927-2 TO
CREATE LEVEL
MOUNTING SURFACE

**Step 10.2**

FULLY TIGHTEN
FAS0092, FAS0098,
FAS0086, FAS0091
(04 PLACES)
1/2" SOCKET

IF INSTALLING ON AN
OEM OR AFTERMARKET
FLOOR, OR IF HOLE IS
IN RIB OF VEHICLE, USE
03927-1 OR 03927-2
TO CREATE LEVEL
MOUNTING SURFACE



NOTE: SKIP STEP 10.2 IF NOT INSTALLING CENTER SUPPORT

STEP 11 - TIGHTEN ALL LOOSE BOLTS FROM EARLIER STEPS**Step 11.1**

**FULLY TIGHTEN BOLTS
FROM STEPS 5.2 & 5.3**

**END PANEL RAIL
MOUNTING BRACKETS**

1/2" SOCKET

Step 11.2

**FULLY TIGHTEN BOLTS
FROM STEPS 6.1, 6.2A,
6.2B, & 6.3A**

**CENTER SUPPORT RAIL
MOUNTING BRACKET**

**1/2" SOCKET
7/16" SOCKET
7/16" WRENCH**

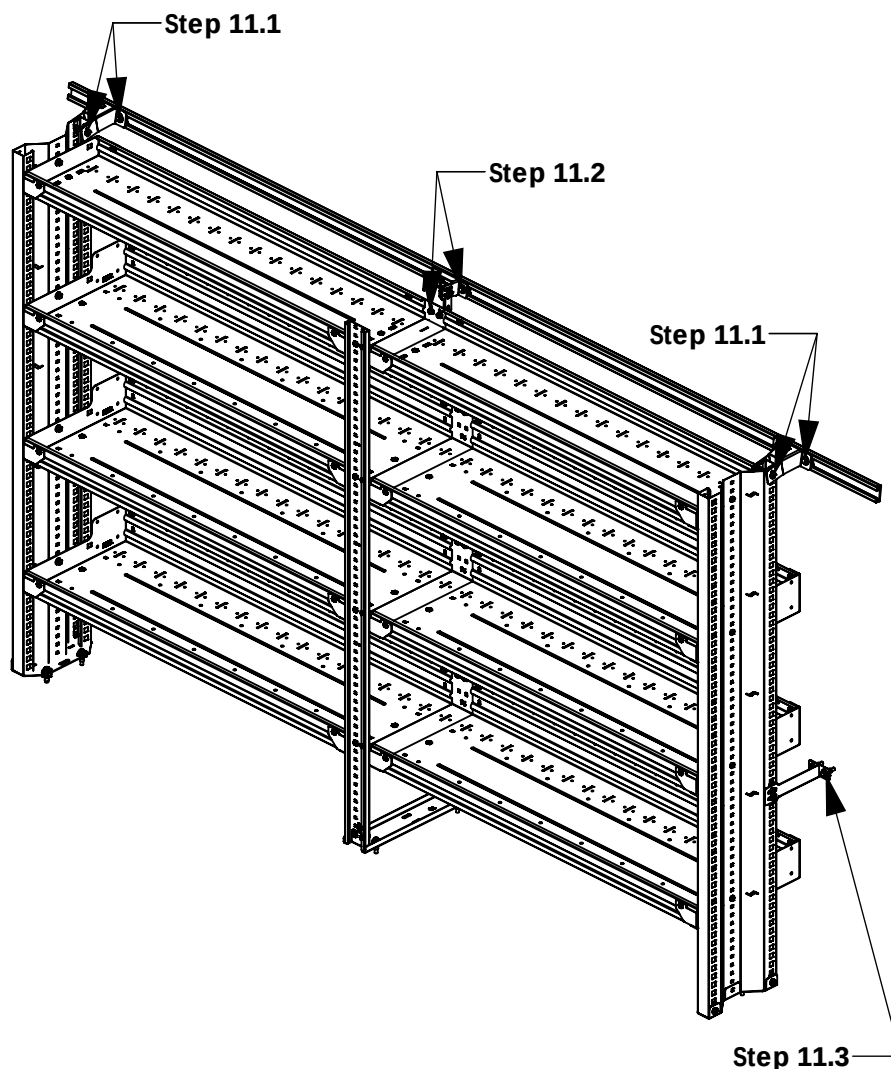
**SKIP IF NOT INSTALLING
CENTER SUPPORT**

Step 11.2

**FULLY TIGHTEN BOLTS
FROM STEPS 7A.2, 7B.2,
7C.2, OR 7D.2**

**END PANEL BELTLINE
BRACKETS**

**7/16" SOCKET
1/2" SOCKET**



INSTALLATION IS COMPLETE

**PLEASE PROCEED TO INSTRUCTIONS FOR ANY ACCESSORIES
THAT YOU MAY BE MOUNTING TO YOUR SHELVING UNIT**