



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

ENTER SMART DESCRIPTION

PRODUCT WEIGHT

131.64 LBS

WIDTH X DEPTH X HEIGHT

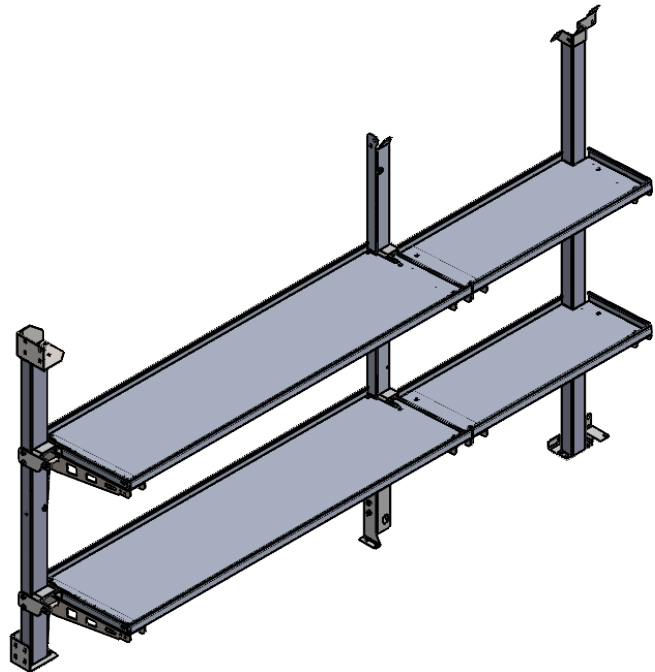
110" X 21" X 75"

CAPACITY

**50 LBS PER FOOT OF
SHELVING**

COLOR

GRAY/NATURAL



CATALOG NUMBER

FS20BD4DS

PRODUCT FEATURES

THE BRIGHTDROP ZEVO 400 DRIVERS SIDE FOLDING SHELF UNIT WITH TWO 19" X 70" FOLDING SHELVES AND TWO 15" X 37" FIXED SHELVES. ALL SHELVES ARE ALUMINIUM AND SIT AT AN ANGLE OF 87 DEGREES TO SECURELY STORE ITEMS. THE KIT INCLUDES EVERYTHING NEEDED FOR INSTALL INTO THE VEHICLE.

THE PRODUCT IS SPECIFIC TO THE DRIVERS SIDE OF THE BRIGHTDROP ZEVO 400.

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

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Cargo Management Solutions for Commercial Vehicles

ENTER SMART DESCRIPTION

CATALOG NUMBER **FS20BD4DS**

PRODUCT APPLICATION

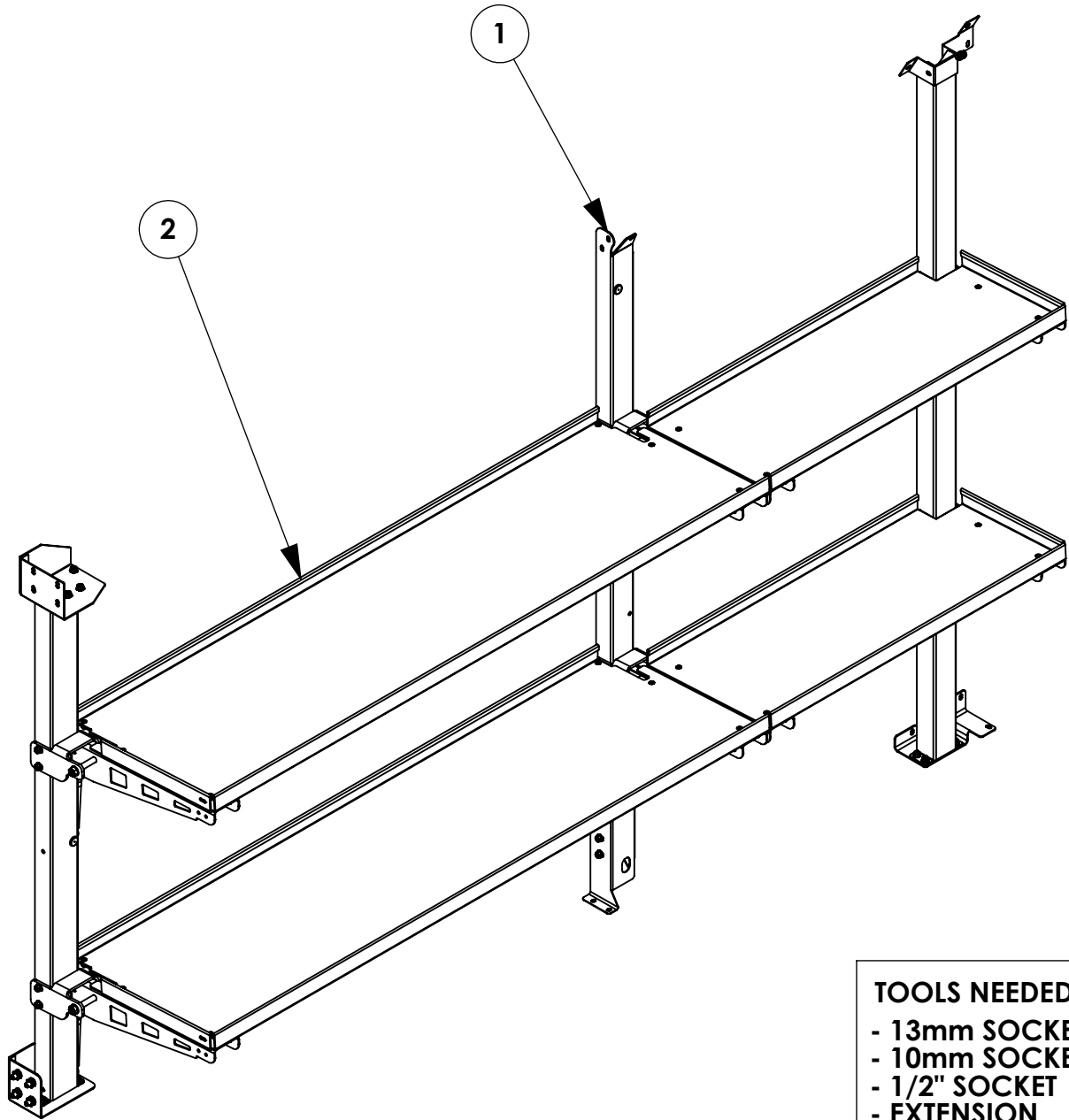
**THE PRODUCT IS USED TO STORE LOOSE CARGO EFFICIENTLY
AND SECURELY IN THE BRIGHTDROP.**

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

<i>CATALOG NUMBER</i>	<i>DESCRIPTION (smart)</i>

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INSTR. : 75020		PG: 1	REV: C	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : FS20BD4DS				1	74993	UPRIGHT KIT ZEVO 400, DS	1
PART • FOLDING SF KIT, ZEVO 400 DESC. • DS				2	74992	ZEVO 400 SHELF KIT, DS	1



- TOOLS NEEDED:**
- 13mm SOCKET
 - 10mm SOCKET
 - 1/2" SOCKET
 - EXTENSION
 - RATCHET
 - CHISEL / BOX CUTTER
 - DRILL
 - 1/2" DRILL BIT
 - TORQUE WRENCH

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.

OEM FASTENER TORQUE - USE A TORQUE WRENCH TO RE-INSTALL OEM BOLTS ENSURING THEY ARE TIGHTENED TO OEM TORQUE VALUES. MAKE SURE TORQUE WRENCH IS CERTIFIED AS REQUIRED.

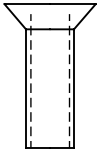
BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR

PAGE:

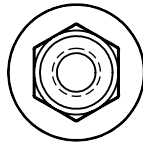
3

FASTENERS USED

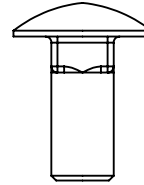
REFERENCE: BAG75020 & HDW75020



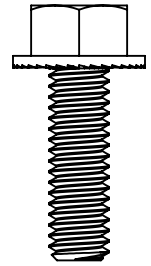
FAS0390
SCREW, FHP 1/4-20 X
0.750 ZN
QTY: 20



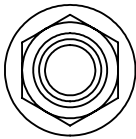
FAS0055
NUT, HEX NLK FLG
1/4-20 ZP
QTY: 20



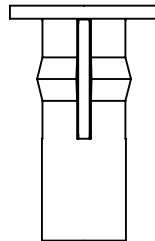
FAS0661
BOLT, CARRIAGE,
5/16-18 X 3/4
QTY: 8



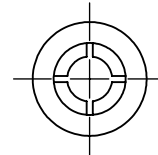
FAS0498
SCREW, HFLNG
5/16-18 X 1.0 ZP
QTY: 18



FAS0440
NUT, HEX NLK FLG
5/16-18 ZP
QTY: 22



FAS0091
PLUSNUT, 5/16
QTY: 4

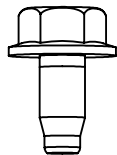


FAS0557
WASHER, RET
5/16X.74 NY WH
QTY: 8

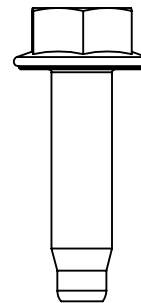


44172
PINCH WELD
QTY: 1

OEM FASTENERS USED FROM VEHICLE



GM FASTENERS
10mm HEX

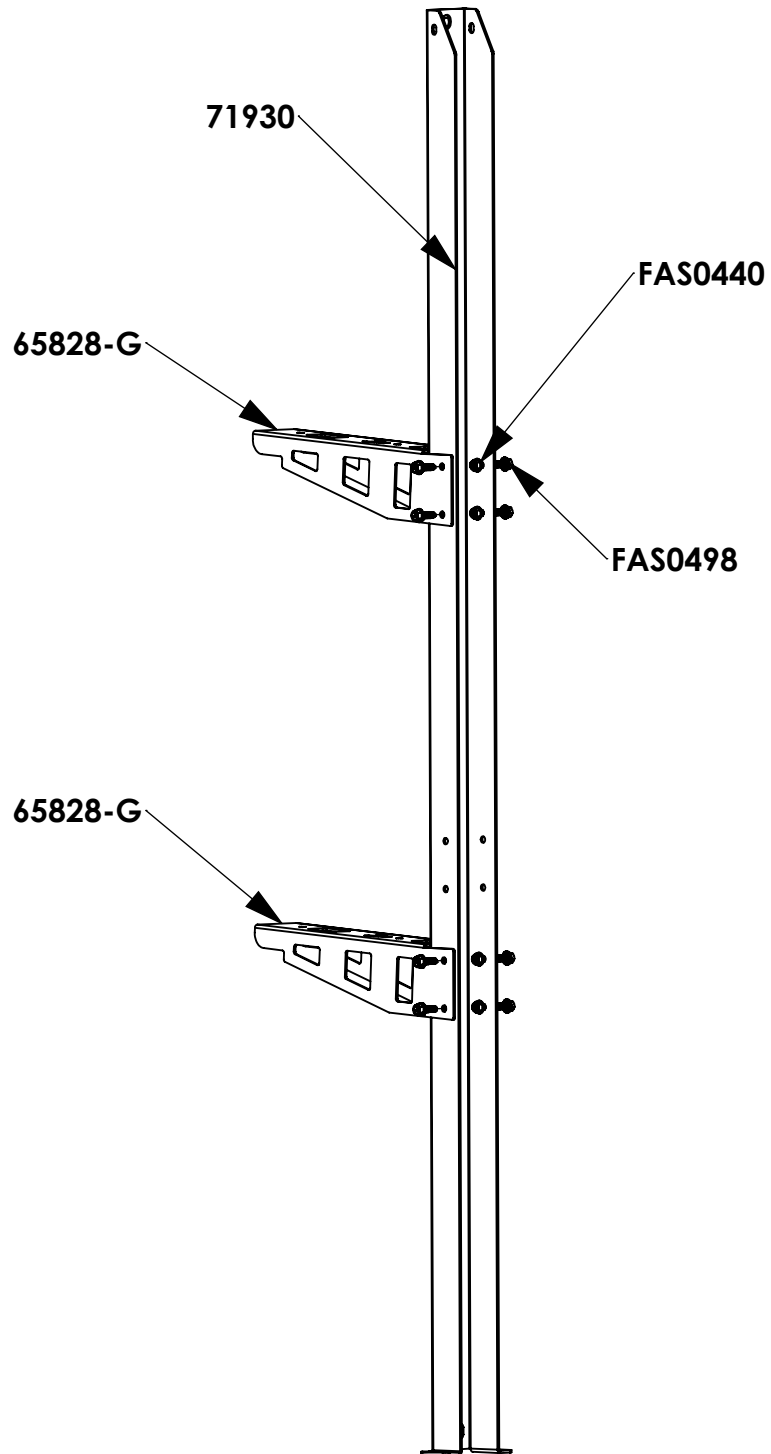


GM FASTENERS
13mm HEX

INTENTIONALLY LEFT BLANK

STEP 1 - INSTALL FIXED ARM POST

STEP 1.1
ATTACH (2x)
65828-G TO (1x)
71930 USING (8x)
FAS0498 AND
(8x) FAS0440



STEP 2 - INSTALL REAR POST

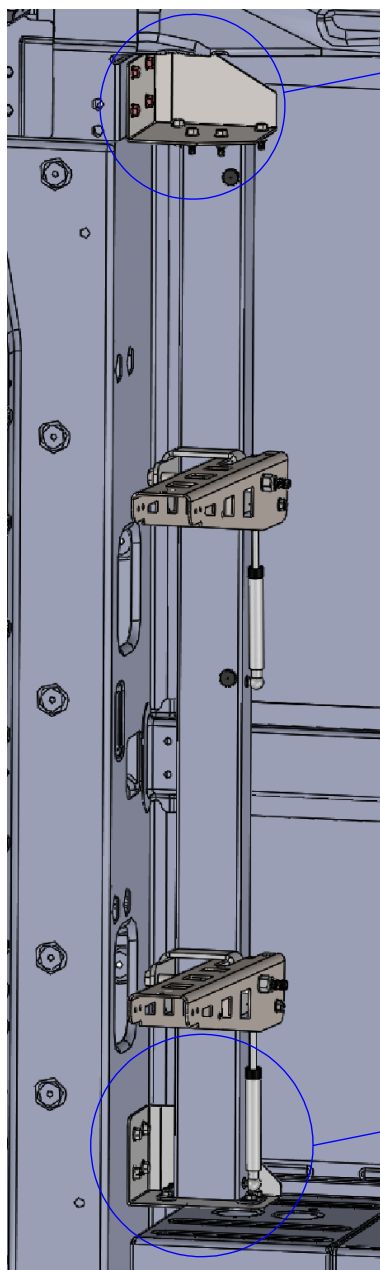
Step 2.1
USING A 13mm
SOCKET REMOVE
THE (4x) OEM
BOLTS. SAVE FOR
RE-INSTALL
GM 13mm HEX

***IF THE VEHICLE IS**
EQUIPPED WITH A SPARE
TIRE AND MOUNT, THEY
MUST BE REMOVED TO
INSTALL SHELVEING.

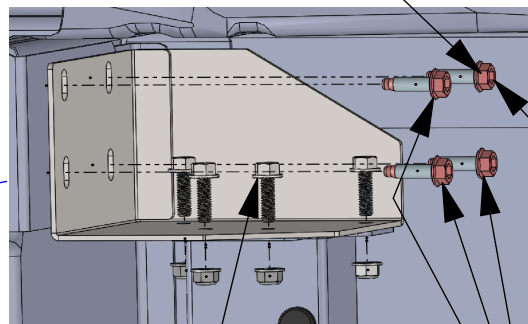
Step 2.2
LOOSELY INSTALL
THE TOP AND
BOTTOM PLATE.
MOVE POST INTO
POSITION AND
MARK THE 4 HOLE
LOCATIONS FOR
THE PLUSNUTS TO
BE INSTALLED
INTO THE REAR OF
THE VEHICLE

Step 2.3
REMOVE THE
REAR POST TO
DRILL 1/2" HOLE
IN THE MARKED
LOCATIONS.
INSTALL THE 5/16
PLUSNUT.

Step 2.4
UNINSTALL THE
BOTTOM PLATE AND
INSTALL INTO THE
VEHICLE. BE SURE TO
PUT THE CARRIAGE
BOLTS INTO PLACE,
FACING UPWARD
PRIOR TO INSTALLING
THE BOTTOM PLATE.
INSTALL THE TOP PLATE.
PLACE (4) FAS0557 IN
BETWEEN THE POST
AND BOTTOM PLATE
OVER THE CARRAGE
BOLTS. MOVE THE POST
INTO PLACE AND
INSTALL THE REST OF
THE FASTENERS.
USING A TORQUE
WRNECH; FULLY
TIGHTEN THE OEM
BOLTS TO 80 lb-in (9
Nm.



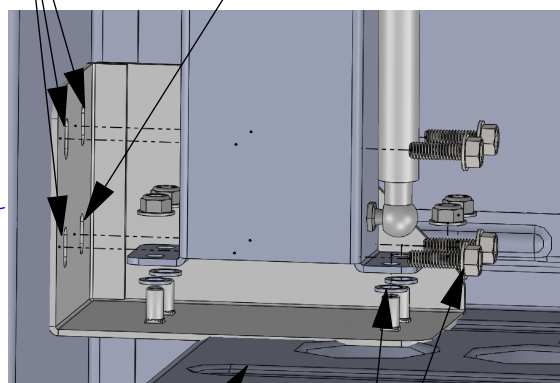
STEP 2.1



STEP 2.4

OEM FASTENERS

STEP 2.3

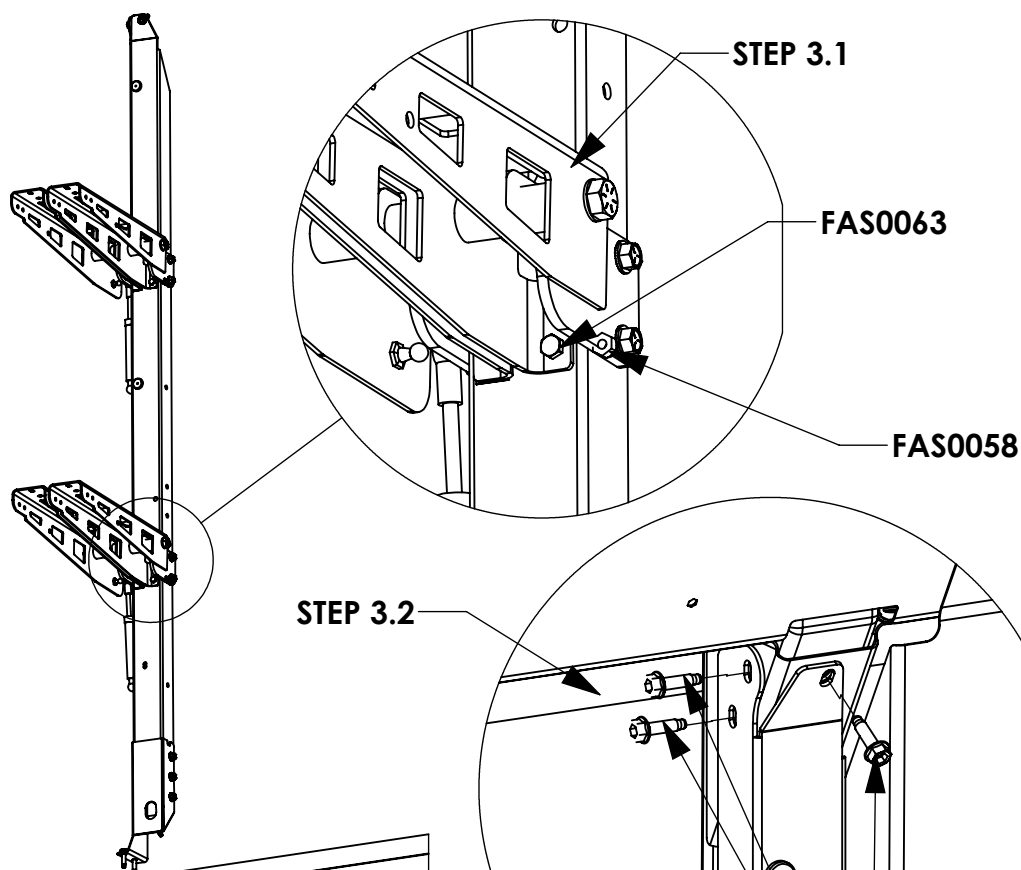


STEP 2.4

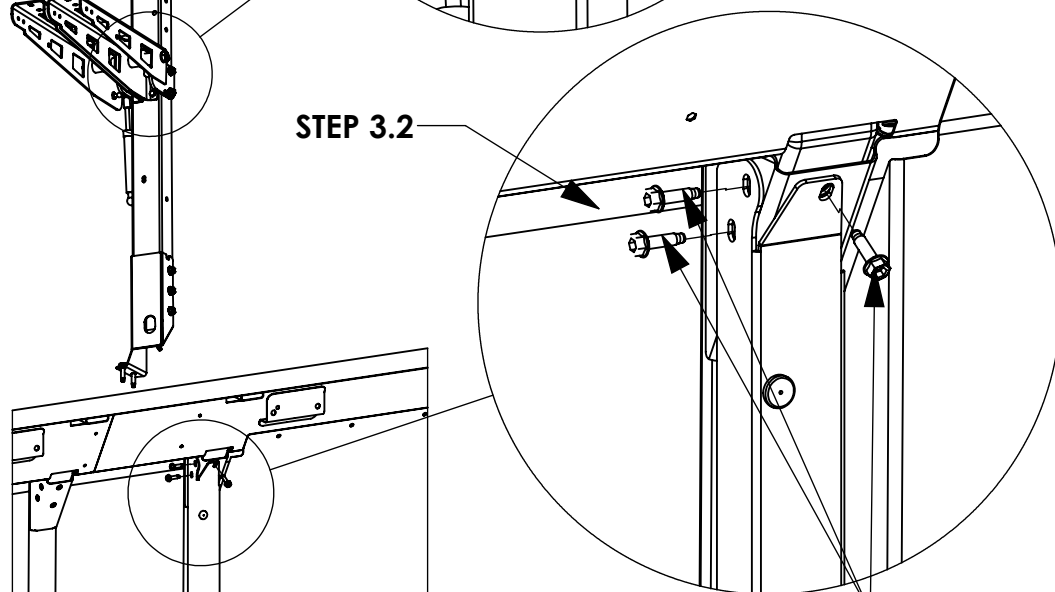
IF BRIGHTDROP HAS INCLUDED
TIRE INFLATOR KIT: LOOSEN BOLT,
ROTATE KIT TO FIT, AND RETIGHTEN.

STEP 3 - INSTALL MIDDLE POST

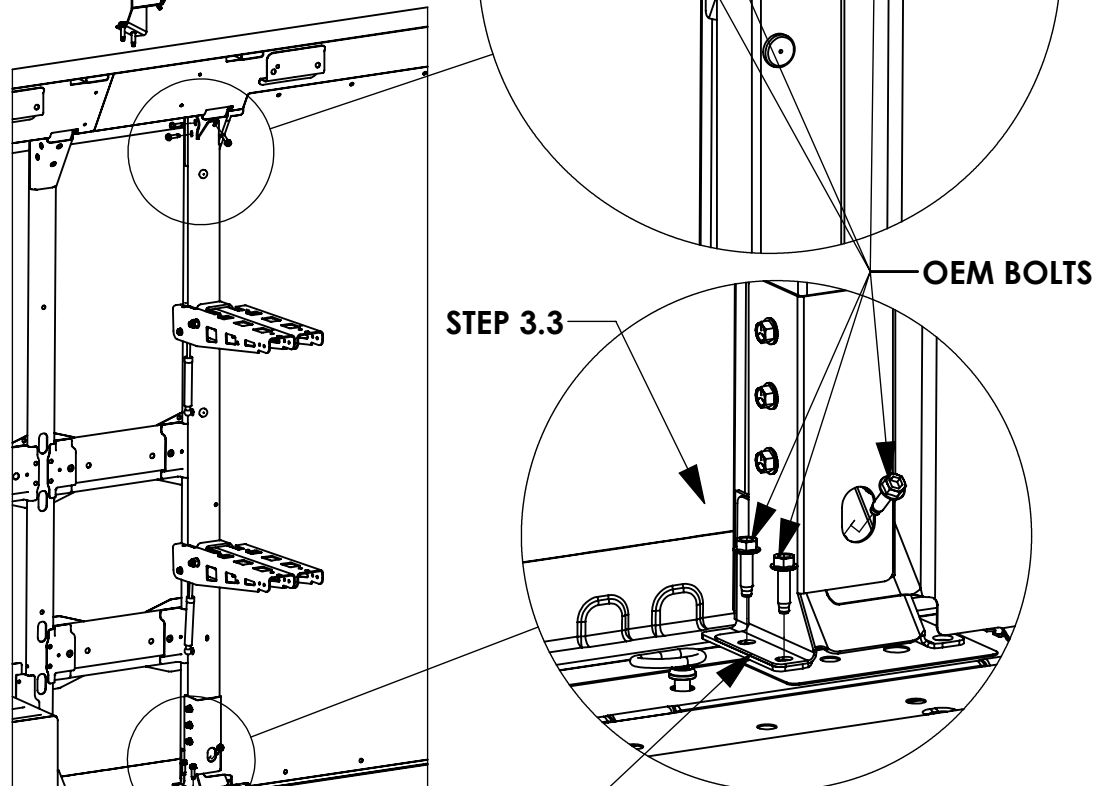
Step 3.1
INSERT FAS0063
AND FAS0058 (2
PLACES) TO FIX
ARM TO MIDDLE
POST



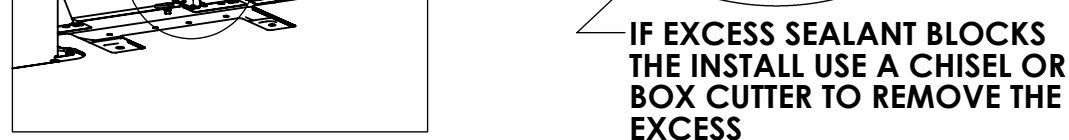
Step 3.2
USING A 13mm
SOCKET
REMOVE THE
(6x) OEM BOLTS.
SAVE FOR
RE-INSTALL



Step 3.3
POSITION THE
MIDDLE POST
INTO POSITION.
RE-INSTALL THE
OEM BOLTS.



Step 3.4
USING A
TORQUE
WRENCH, FULLY
TIGHTEN THE (6x)
OEM BOLTS TO
80 lb-in (9 Nm)



STEP 4 - INSTALL FRONT POST

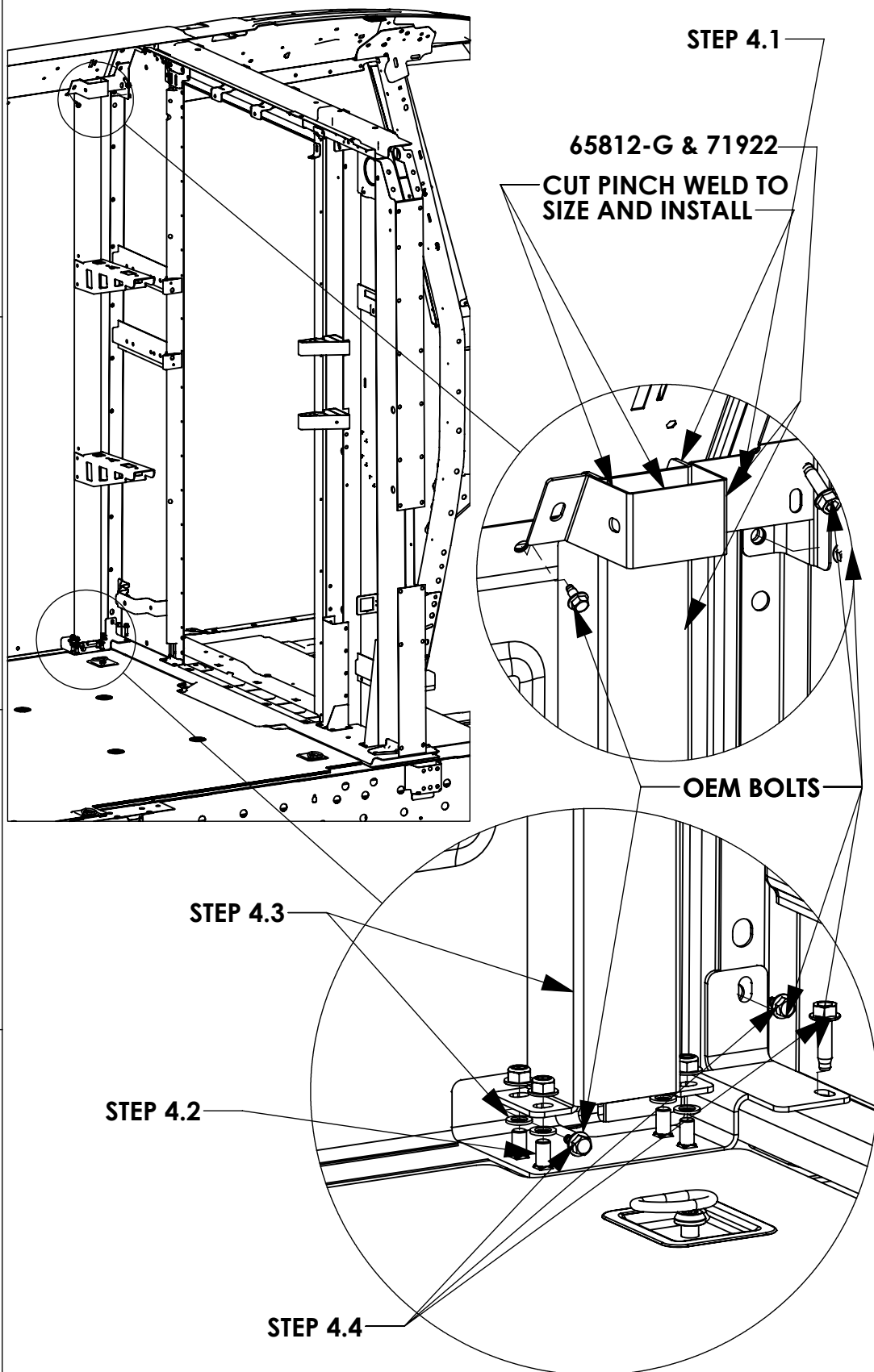
Step 4.1
 USING A 13mm
 SOCKET
 REMOVE THE
 (6x) OEM BOLTS.
 SAVE FOR
 RE-INSTALL.
 INSTALL 65812-
 G TO 71922
 USING (2x)
 FAS0498 & (2x)
 FAS0440.

Step 4.2
 INSERT THE CARRIAGE
 (4x) BOLTS INTO
 LOWER BRACKET.
 SLIDE INTO POSITION
 AND INSTALL THE (3x)
 OEM BOLTS
 REMOVED FROM THE
 BOTTOM. USING A
 13mm SOCKET AND
 A TORQUE WRENCH,
 FULLY TIGHTEN THE
 (3x) OEM BOLTS TO
 80 lb-in (9 Nm).

Step 4.3
 PALCE (4) FAS055
 BETWEEN POST AND
 THE LOWER BRACKET,
 OVER THE CARRAGE
 BOLTS. MOVE THE
 FRONT POST INTO
 POSITION, ON TO THE
 LOWER BRACKET.
 INSTALL THE (3x) OEM
 BOLTS INTO THE TOP
 OF THE POST.

Step 4.4
 USING A TORQUE
 WRNECH, FULLY
 TIGHTEN THE (3x)
 OEM BOLTS TO 80
 lb-in (9 Nm).

**FULLY TIGHTEN
 REMAINING
 CARRIAGE BOLTS
 AND NUTS USING
 1/2" SOCKET.**



STEP 5 - INSTALL SHELVES

Step 5.1
INSTALL THE
SHELVES USING
THE SUPPLIED
FASTENERS.

Step 5.2
YOUR
INSTALLATION
IS NOW
COMPLETE

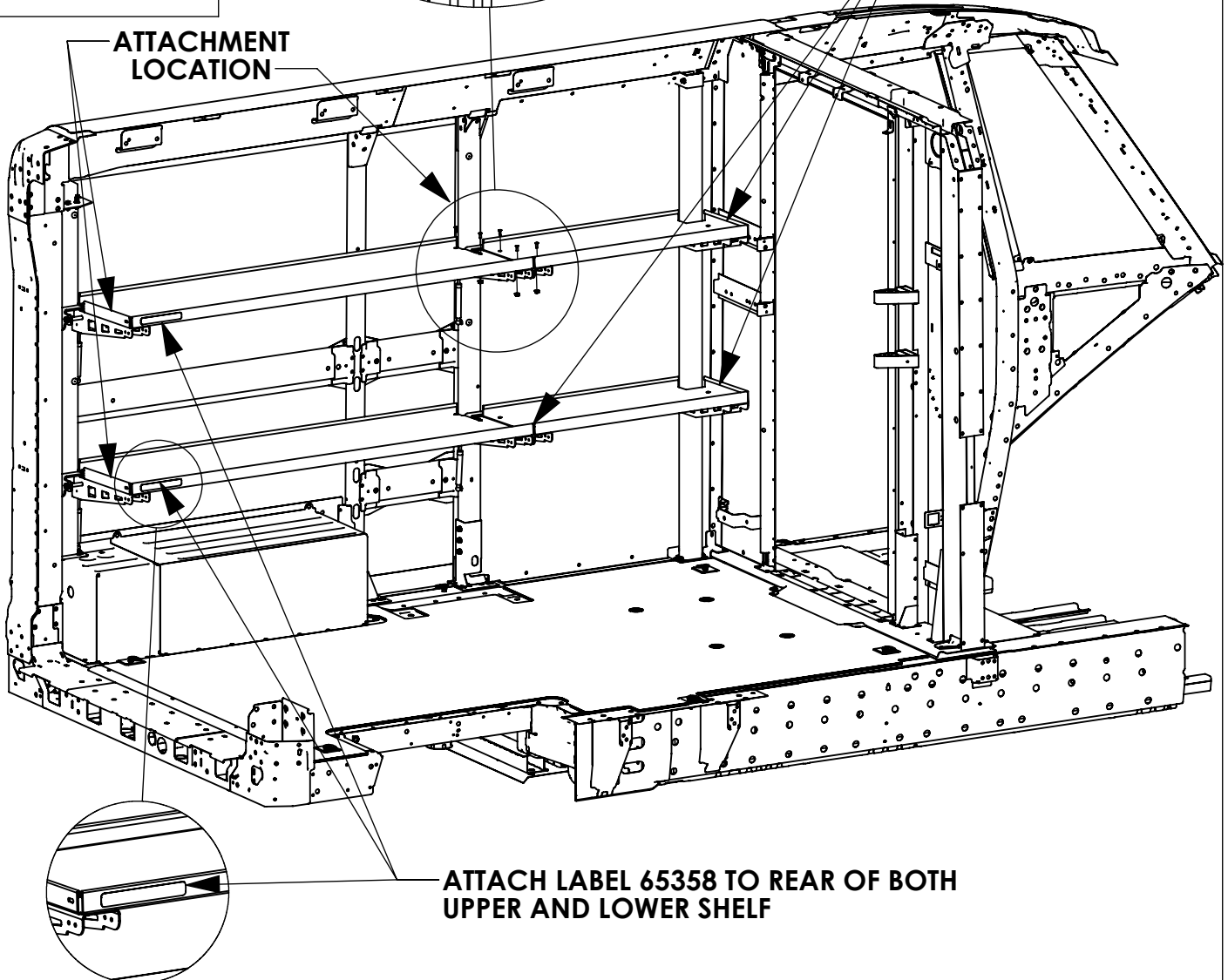
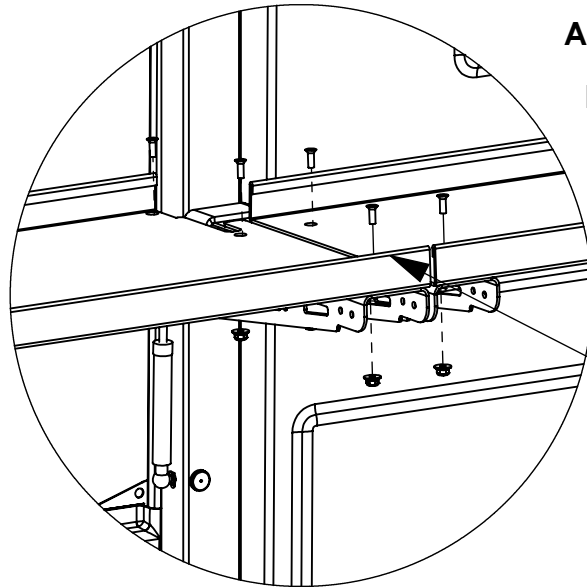
ATTACHMENT
EXAMPLE
LOCATION

STEP 5.1

ATTACHMENT
LOCATION

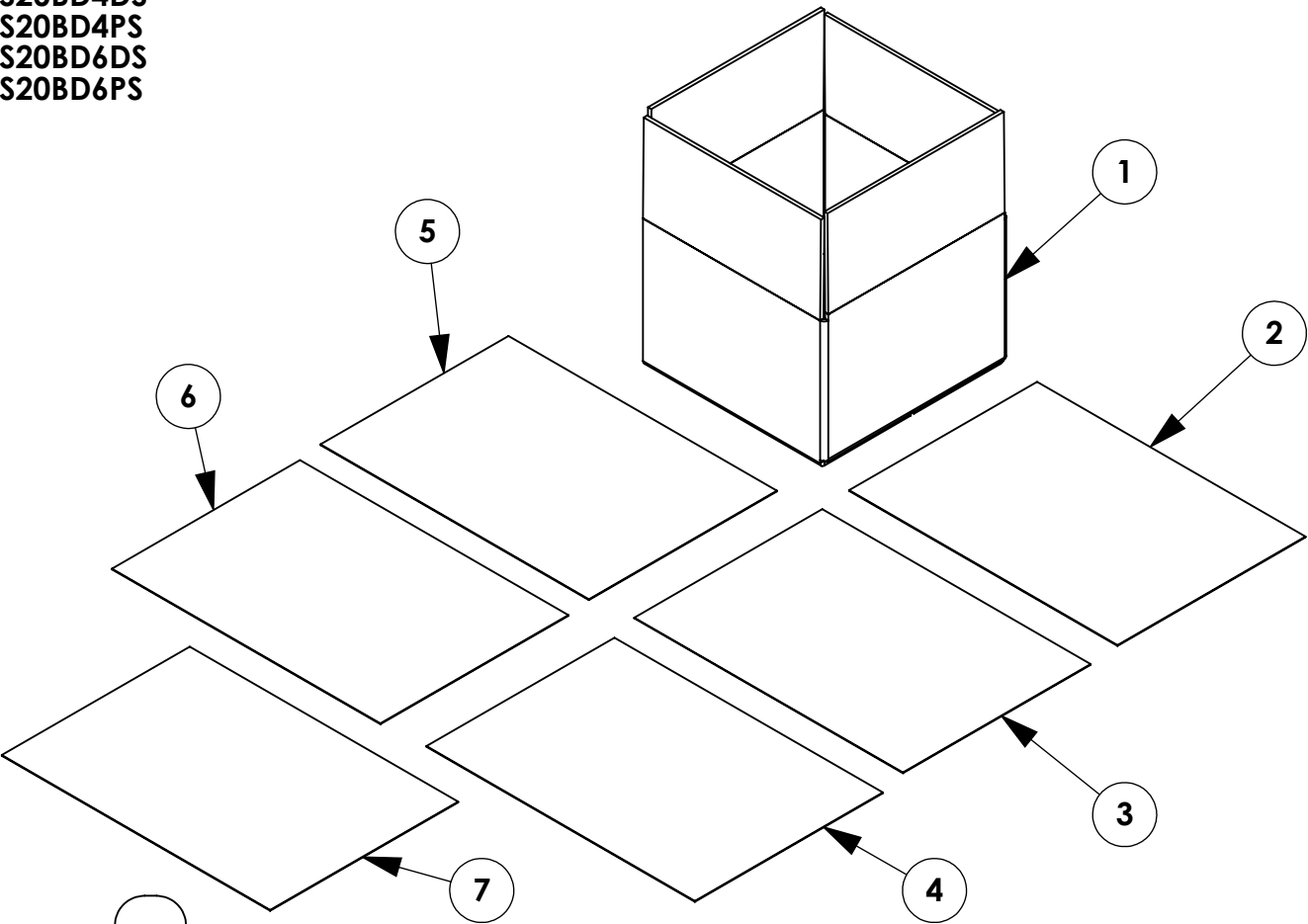
ATTACHMENT
LOCATION

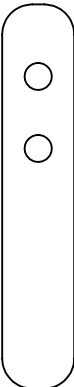
ATTACH LABEL 65358 TO REAR OF BOTH
UPPER AND LOWER SHELF



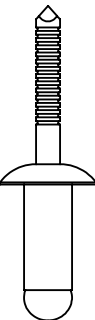
INSTR. NUMBER : 80199	PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART NUMBER : 79556			1	CRT08309-W	Small Parts Carton	1
PART : DESC. : BD FS SHIM KIT			2	79768	SHIMS, 0.050", 79538	1
			3	79769	SHIMS, 0.063", 79539	1
			4	79770	SHIMS, 0.080", 79540	1
			5	79771	SHIMS, 0.125", 79541	1
			6	79772	SHIMS, FLR, 0.1046", 79538	1
			7	79773	BAG, 24X FAS0505	1

NOTE: THIS INSTRUCTION IS VALID FOR THE FOLLOWING KITS:
- FS20BD4DS
- FS20BD4PS
- FS20BD6DS
- FS20BD6PS




BAGS 2-5
SHELF SHIM
VARIOUS
THICKNESS
(SCALE 1:2)


BAG 6
FLOOR SHIM
(SCALE 1:2)


BAG 7
RIVET
(SCALE 1:1)

- TOOLS NEEDED:
- DRILL
 - 1/4" DRILL BIT
 - RIVET GUN

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 HARNESSES 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.

STEP 1 - INSTALL SHELF SHIMS**(STEP 2 IS INSTALLING THE FLOOR SHIMS, THIS CAN BE COMPLETED 1ST)**

Step 1.1
DETERMINE THE
BEST SHIM
STACK UP FOR
EACH SHELF
ARM IF NEEDED
TO LEVEL THE
SHELF.

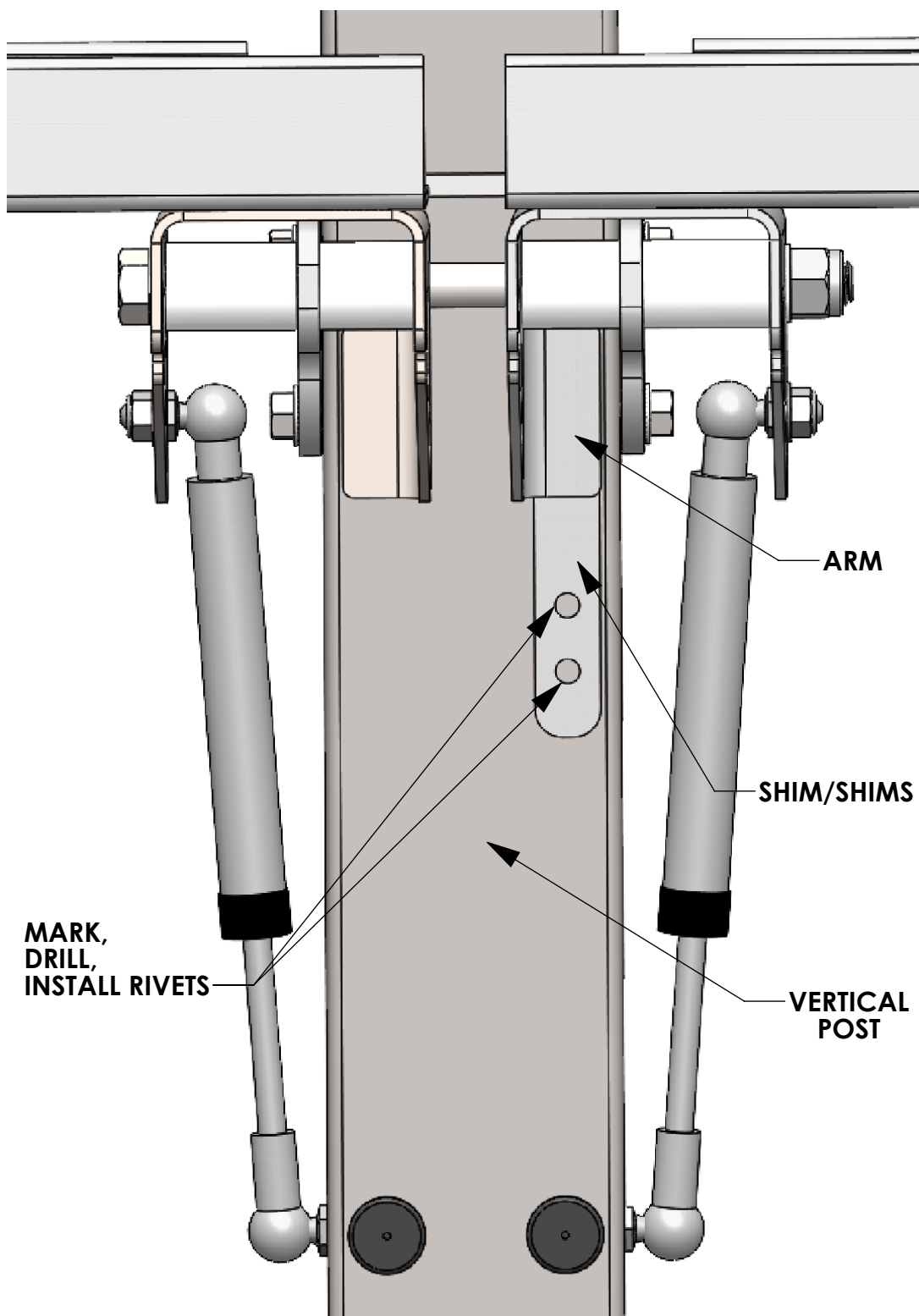
IF THE SHELVING IS NOT LEVEL ACROSS, DETERMINE WHAT SHIM OR STACK
UP OF SHIMS AND LOCATION WORKS BEST TO LEVEL THE SHELVES

NOTE: SOME LOCATIONS MAY TAKE MULTIPLE SHIMS TO LEVEL THE SHELF

Step 1.2
PLACE THE
STACK UP IN-
BETWEEN THE
ARM AND THE
VERTICAL POST.
MARK EACH
HOLE LOCATION

Step 1.3
USING A 1/4"
DRILL BIT, DRILL
ALL THE
MARKED
LOCATIONS

Step 1.4
INSTALL THE
SHIMS USING
(2) FAS0505
RIVETS PER
SHIM STACK UP



STEP 2 - INSTALL THE FLOOR SHIMS**(STEP 1 IS INSTALLING THE SHELF SHIMS, THIS STEP CAN BE COMPLETED 1ST)**

Step 2.1
REMOVE THE FASTENERS (KEEP) AT THE BOTTOM OF THE POST THAT GO INTO THE VEHICLE FLOOR. ALSO LOOSEN (DO NOT REMOVE THE FASTENERS AT THE TOP OF THE POST THAT ATTACH TO THE VEHICLE

Step 2.2
LIFT THE POST AND SLIDE THE FLOOR SHIM IN-BETWEEN THE VEHICLE FLOOR AND THE VERTICAL POST

Step 2.3
REINSTALL THE FLOOR FASTENERS THEN FULLY TIGHTEN ALL FASTENERS

INSTALLING THE FLOOR SHIM WILL RAISE ALL THE SHELVES ATTACHED TO THAT POST

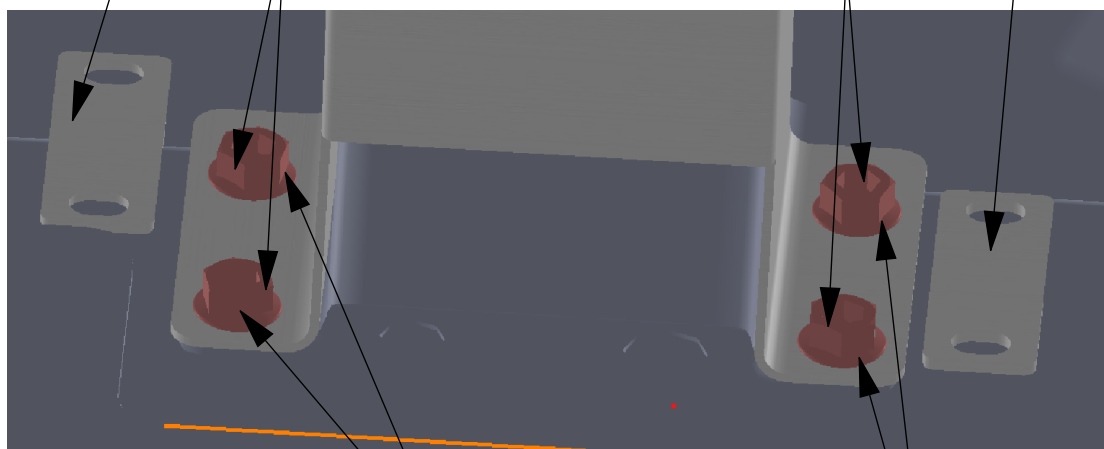
STEP 2.1
LOOSEN BUT DO NOT REMOVE



STEP 2.3
TIGHTEN ALL FASTENERS

STEP 2.2
SLIDE SHIMS IN-BETWEEN THE FLOOR AND THE POST

STEP 2.1
REMOVE AND KEEP FASTENERS



STEP 2.3
REINSTALL FASTENERS AND FULLY TIGHTEN