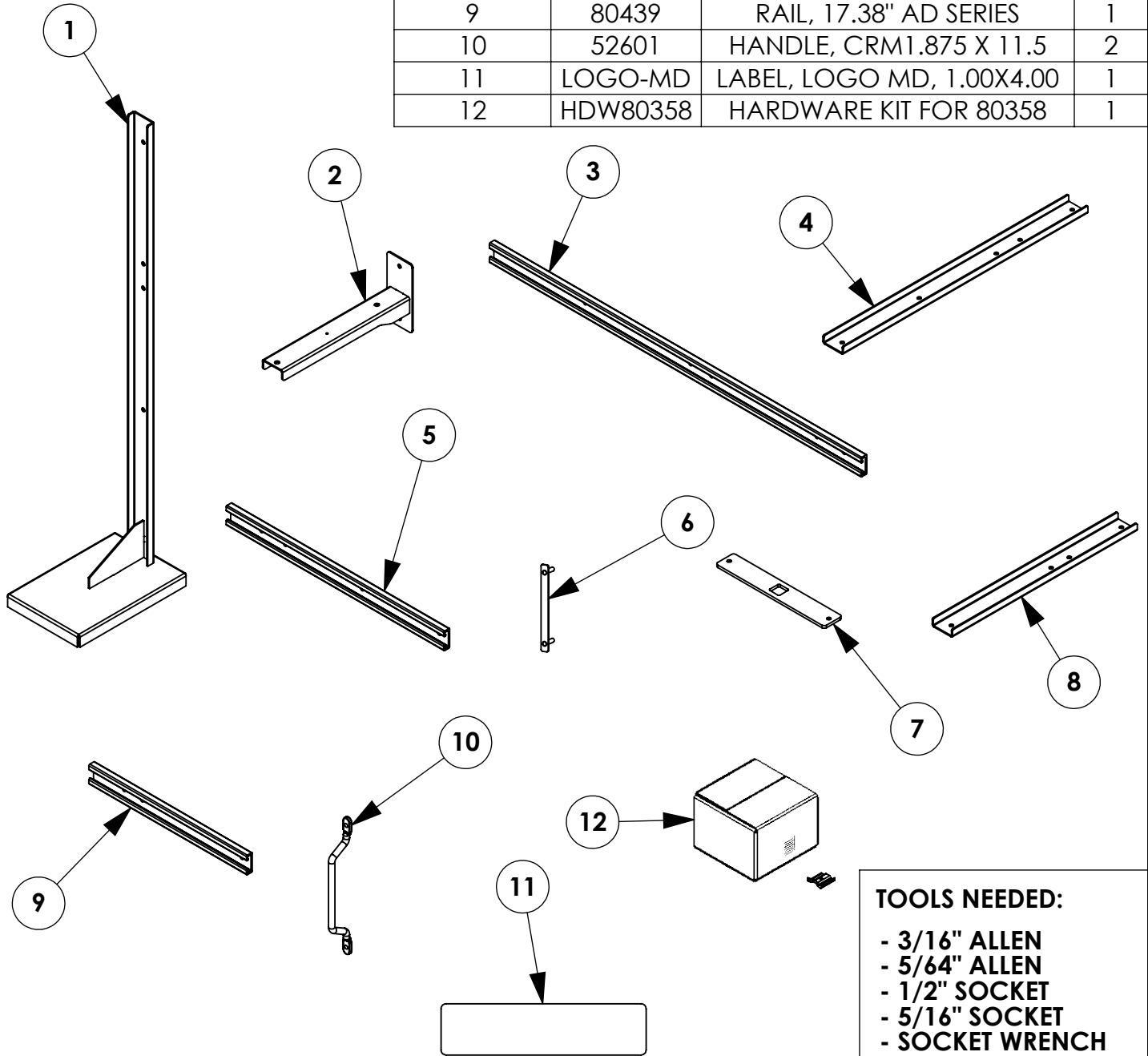


INSTR. : INS80358		PG: 1	REV: B	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : 80352				1	80352	FIXTURE BASE FRAME	1
PART : 80352				2	80355	SHELF BRACKET	5
PART : 80352				3	80356	RAIL, 41.00" AD SERIES	1
PART : 80352				4	80357	HIGH-ROOF RAIL PLATE EXTENSION	1
PART : 80352				5	80412	RAIL, 24.00" AD SERIES	1
PART : 80352				6	80414	RAIL EXTENSION CONNECTOR	1
PART : 80352				7	80422	WEAR PLATE	5
PART : 80352				8	80438	MID-ROOF RAIL PLATE EXTENSION	1
PART : 80352				9	80439	RAIL, 17.38" AD SERIES	1
PART : 80352				10	52601	HANDLE, CRM1.875 X 11.5	2
PART : 80352				11	LOGO-MD	LABEL, LOGO MD, 1.00X4.00	1
PART : 80352				12	HDW80358	HARDWARE KIT FOR 80358	1



TOOLS NEEDED:

- 3/16" ALLEN
- 5/64" ALLEN
- 1/2" SOCKET
- 5/16" SOCKET
- SOCKET 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).

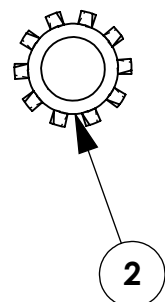
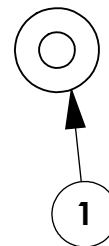
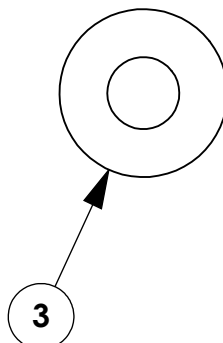
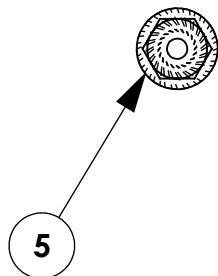
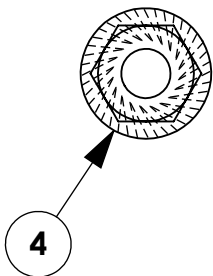
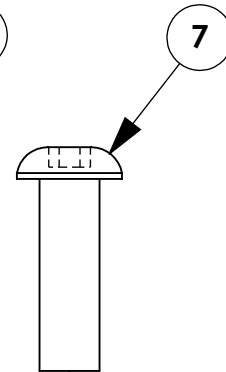
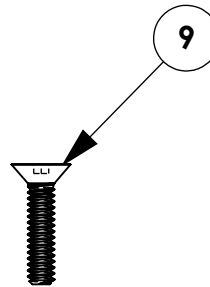
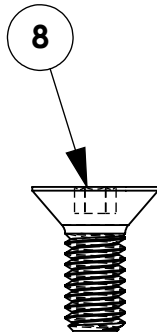
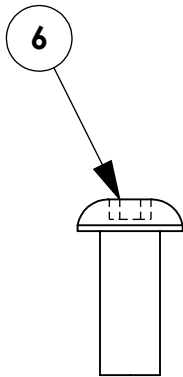
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

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

PAGE:

3**FASTENERS USED****BAG REFERENCE: BAG80358**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FAS0004	WASHER,FLAT SAE #8 SS	5
2	FAS0085	WASHER,LCK EXT 5/16 ZP	9
3	FAS0086	WASHER,FLAT USS 5/16 ZP	30
4	FAS0135	Nut, Hex Flange, 5/16-18, NI ZN	19
5	FAS0138	Nut, Hex Flange, #6-32, Zinc Plate	5
6	FAS0668	Screw, Button Hd Hex Soc, 5/16-18X.75, SS	5
7	FAS0813	Screw, BHCS, 5/16-18X1.00, SS	4
8	FAS0876	Zinc-Plated Alloy Steel Hex Drive Flat Head Screw	10
9	FAS1013	#6-32 X 5/8" LG FLAT HEAD SCREW	5
10	BAG0507-A	5" x 7" 3MIL AUTOBAG	1



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BEST PRACTICE: ORGANIZE ALL HARDWARE PCS. & VERIFY THAT ALL ARE ACCOUNTED FOR

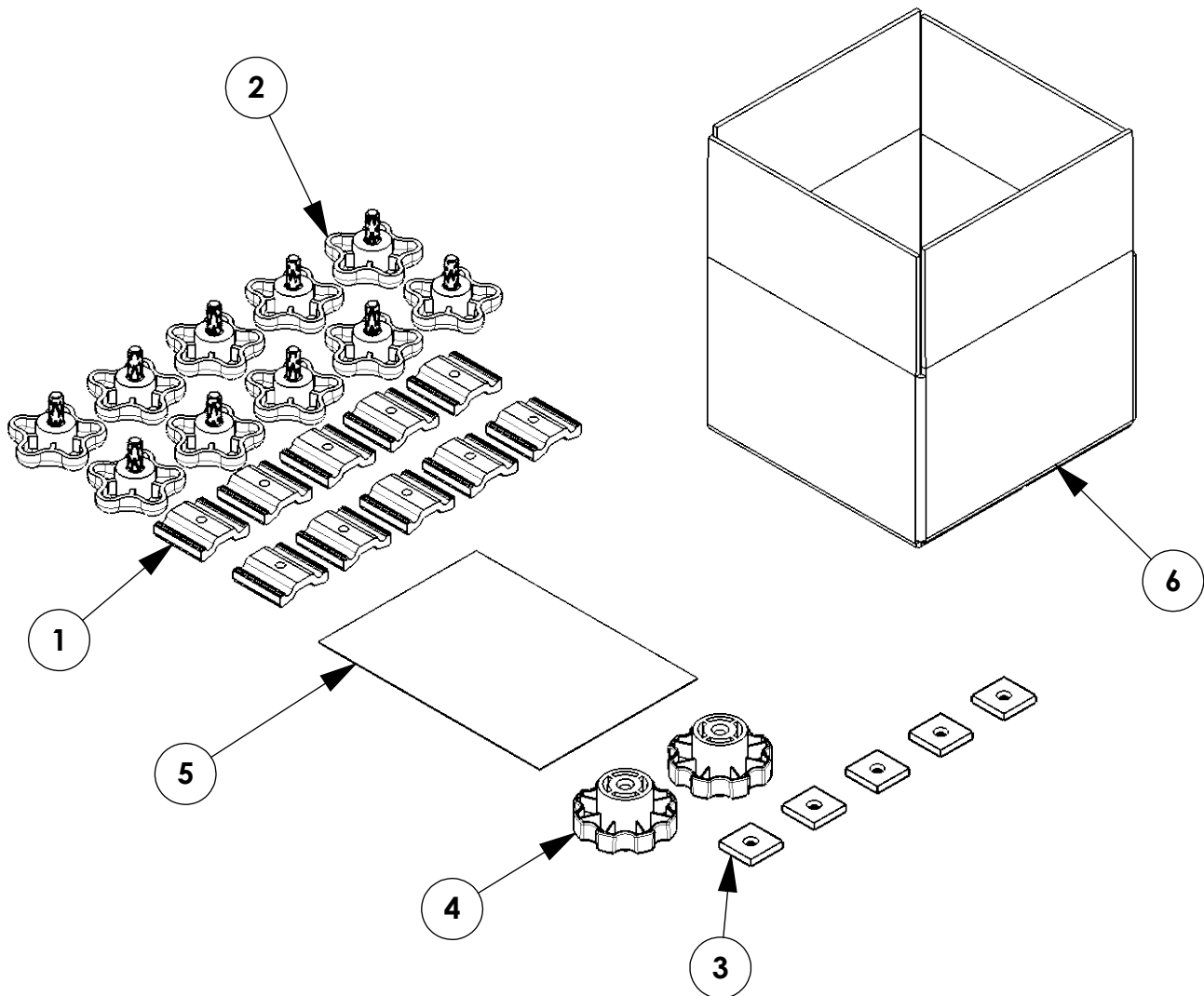
PAGE:

5

HARDWARE USED

HDW KIT REFERENCE: HDW80358

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	35335-0	SLIDE, 1.5" / AD RAIL	10
2	73510	KNOB, 5/16-18 X .75	10
3	79705	NEODYMIUM MAGNET	5
4	FAS0560	THUMB KNOB, 5/16-18UNC	2
5	BAG80358	BAG FOR 80358	1
6	CRT08309-W	Small Parts Carton	1



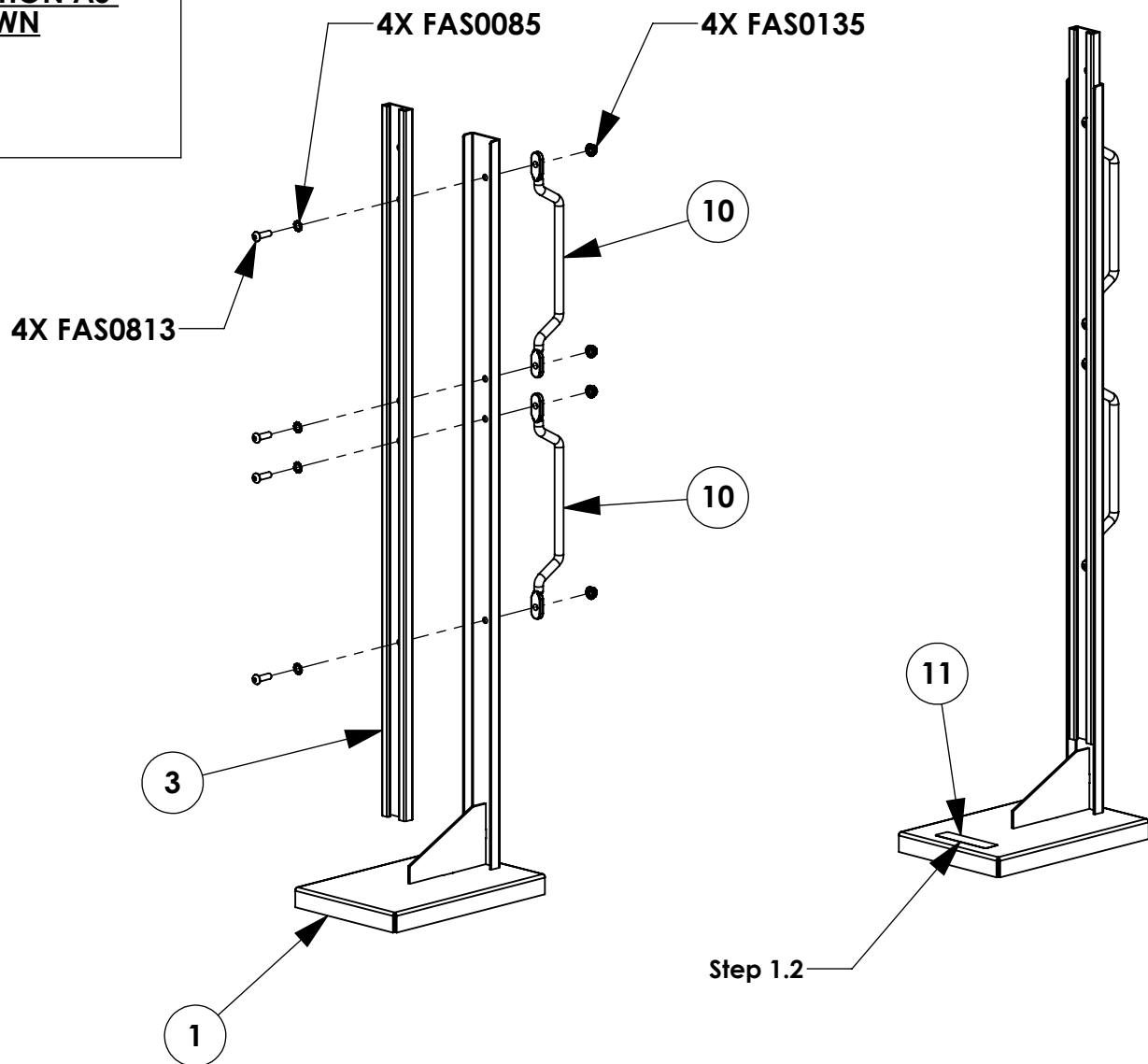
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**STEP 1 - ATTACH RAIL & HANDLES
TO WELDMENT; ADD LABEL**

Step 1.1
ATTACH RAIL
& HANDLES
TO WELDMENT
USING
4X FAS0085
4X FAS0135
4X FAS0813

Step 1.1

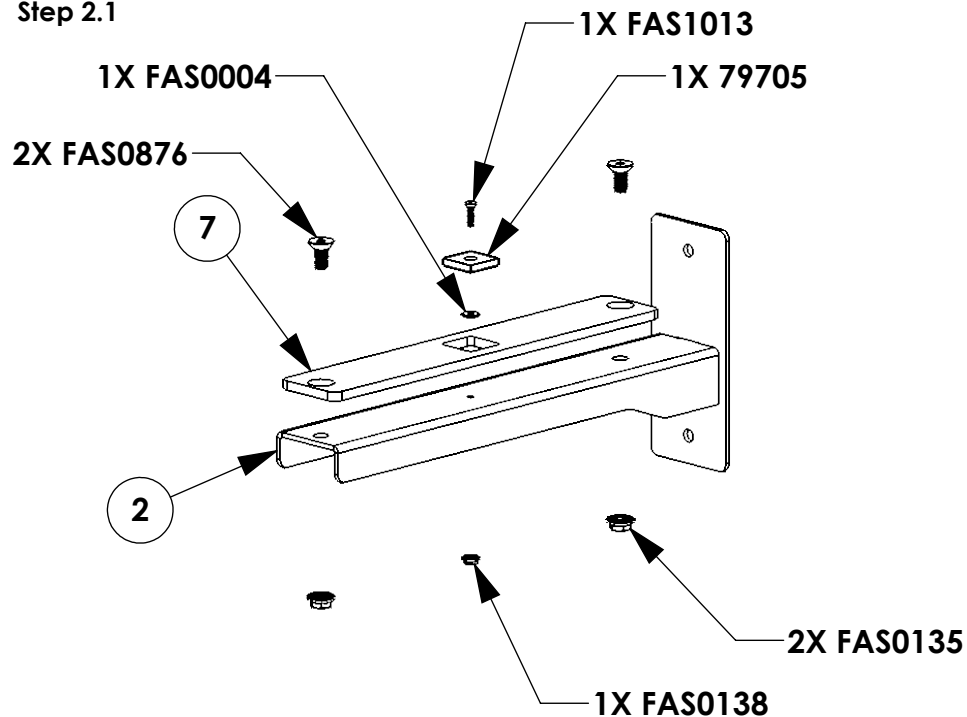
Step 1.2
ATTACH ITEM
11 LABEL IN
POSITION AS
SHOWN



STEP 2 - ASSEMBLE SHELF SUPPORT ARMS & ATTACH TO RAIL

Step 2.1
ASSEMBLE (5)
SHELF SUPPORT
ARMS USING
1X FAS0004
1X FAS0138
2X FAS0135
2X FAS0876
1X FAS1013
1X 79705
FOR EACH ARM

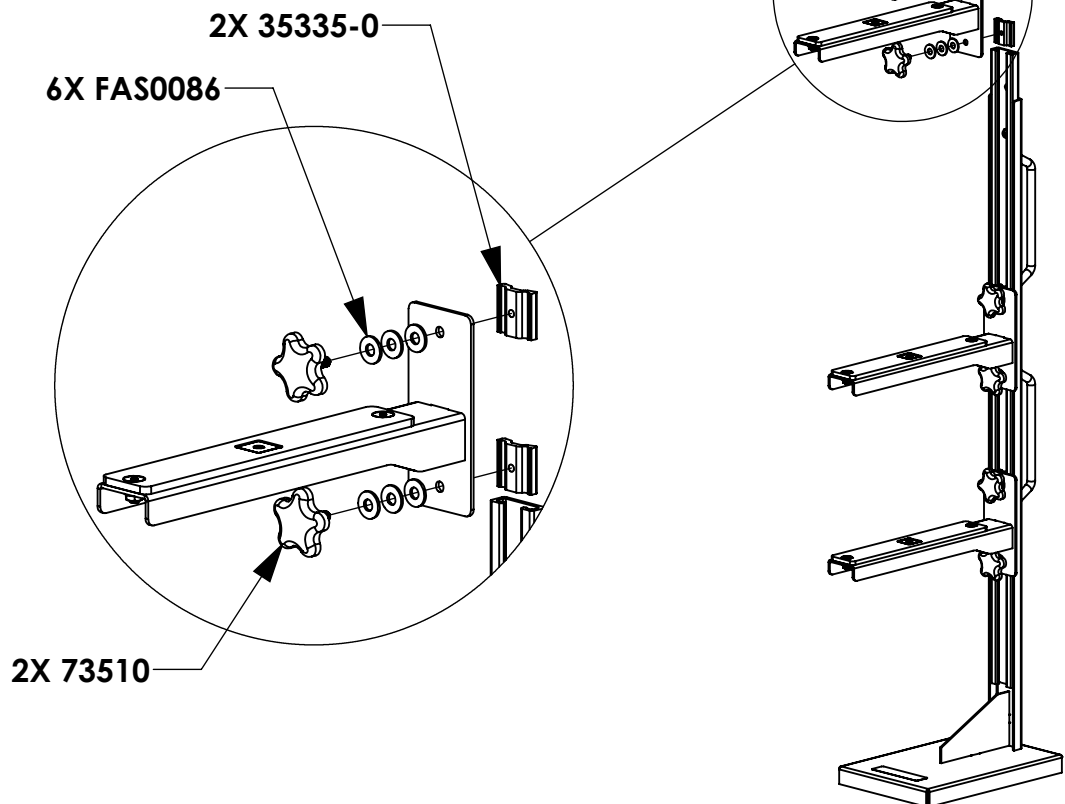
Step 2.1



Step 2.2
ATTACH (3)
SUPPORT ARMS
TO RAIL
USING
6X FAS0086
2X 35335-0
2X 73510
FOR EACH ARM

Step 2.2

FOR LOW ROOF
VANS ONLY
SHOWING



STEP 3 - ADD RAIL EXTENTIONS FOR USE WITH MID-ROOF & HIGH ROOF VANS

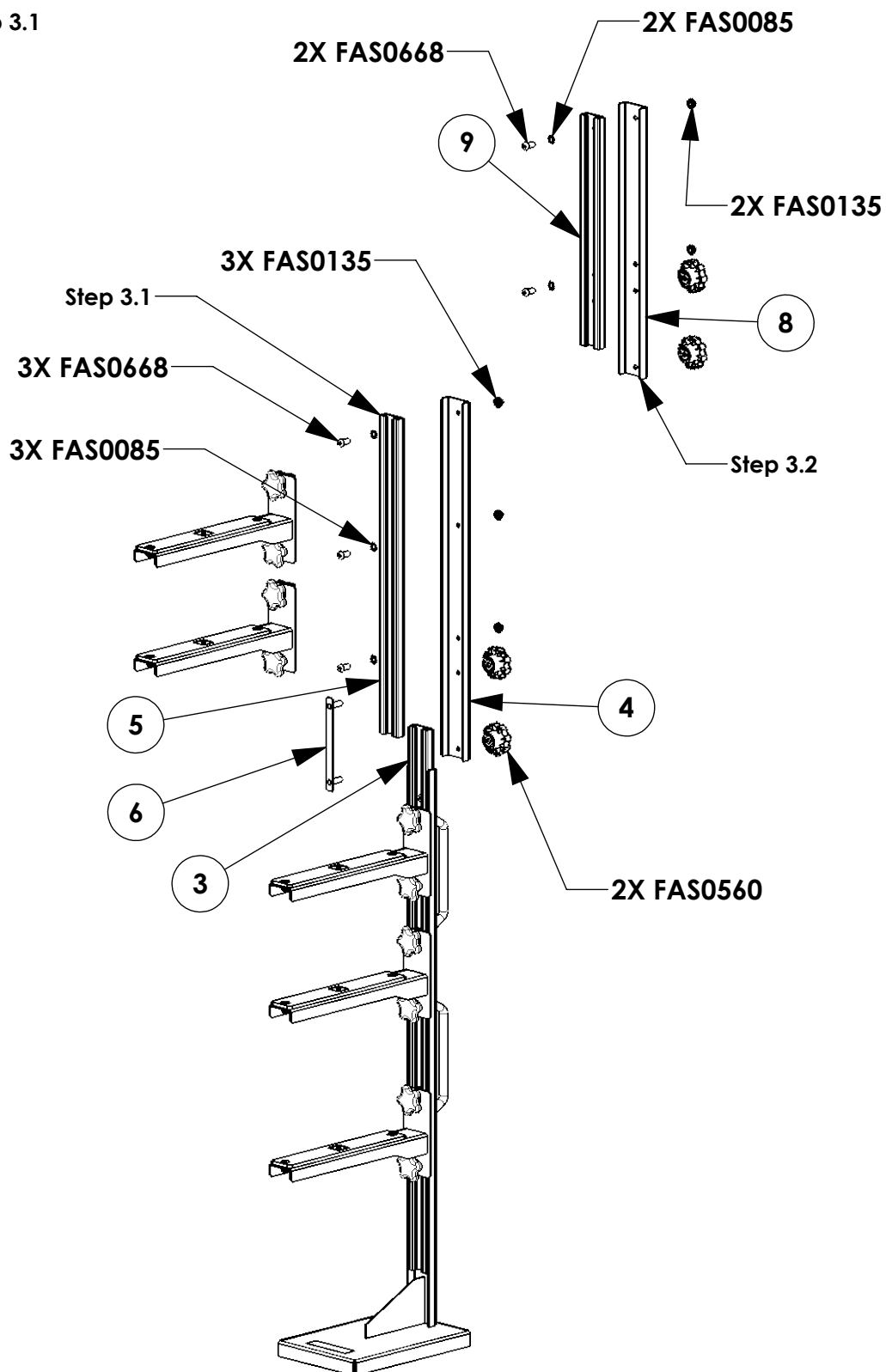
**Step 3.1
FOR HIGH-ROOF
VANS
ATTACH ITEMS 4,
5 & 6
USING
3X FAS0668
3X FAS0085
3X FAS0135
2X FAS0560**

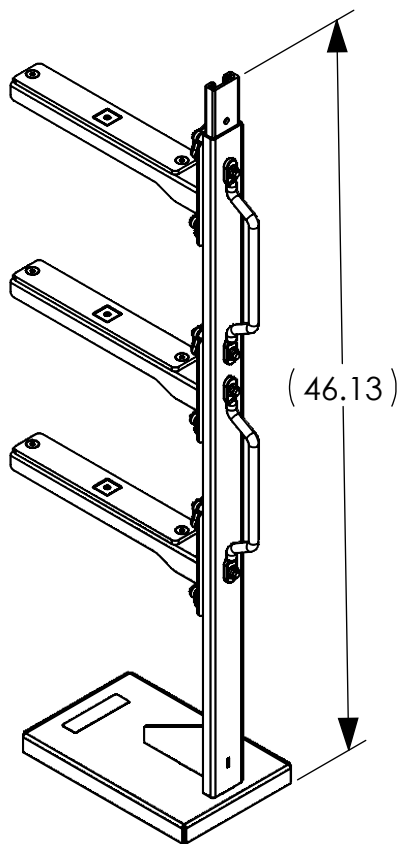
**ADD 2
ADDITIONAL
SUPPORT ARMS
FOR HIGH-ROOF
(SEE Step 2.2)**

**Step 3.2
FOR MID-ROOF
VANS
ATTACH ITEMS 6,
8 & 9
USING
2X FAS0668
2X FAS0085
2X FAS0135
2X FAS0560**

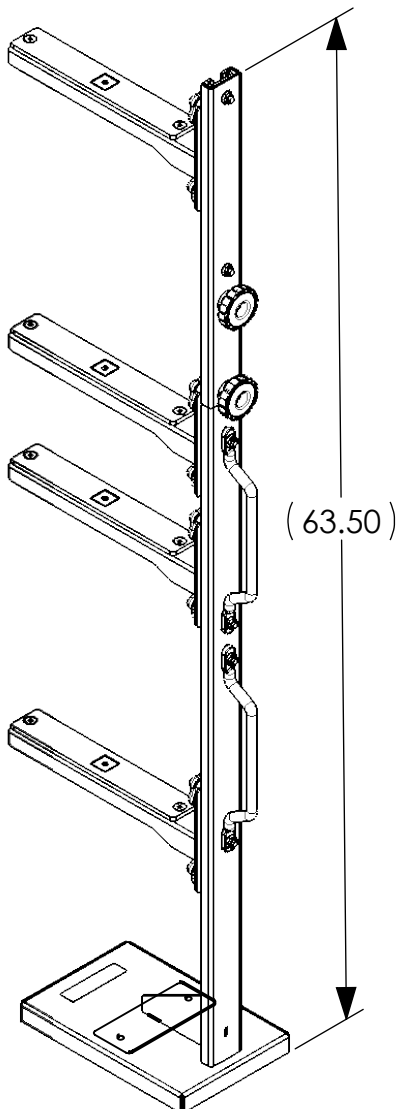
**ADD 1
ADDITIONAL
SUPPORT ARM
FOR MID-ROOF
(SEE Step 2.2)**

Step 3.1

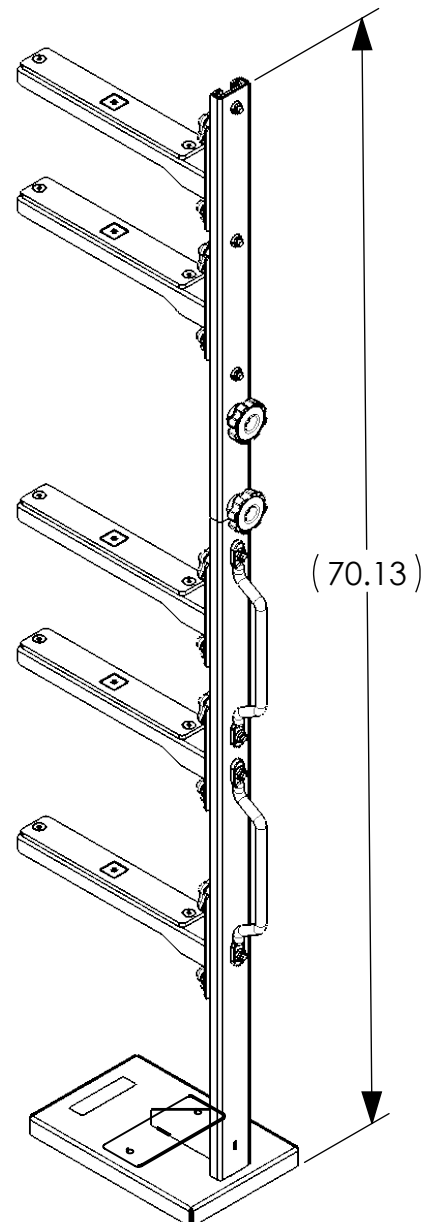




LOW ROOF



MID ROOF



HIGH ROOF

STEP 4 - FIXING HEIGHT FOR 80352

Step 4.1
ASSEMBLE HALF
OF FULL LENGTH
SHELVING WITH
CENTER SUPPORT.
SETTING SHELF
HEIGHT.

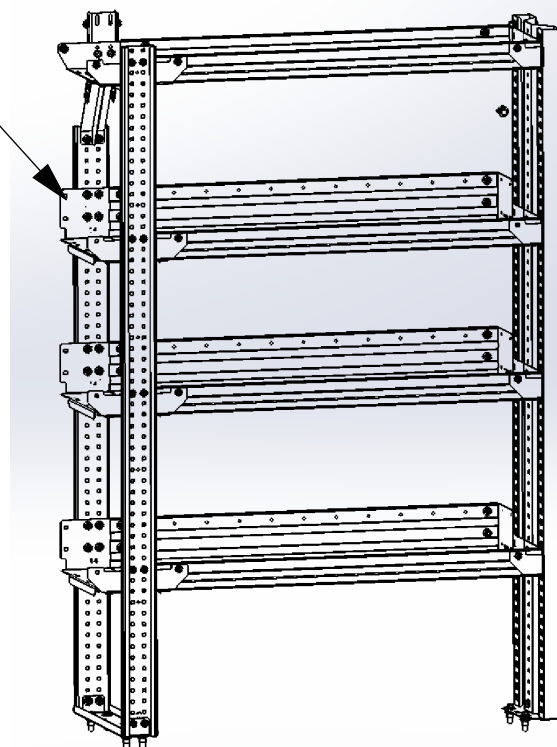
FOLLOW THE FIRST
PART OF
INS-ASHELVING
TO ASSEMBLE
SHELVING.

AS-2T1490FTMA
SHOWN

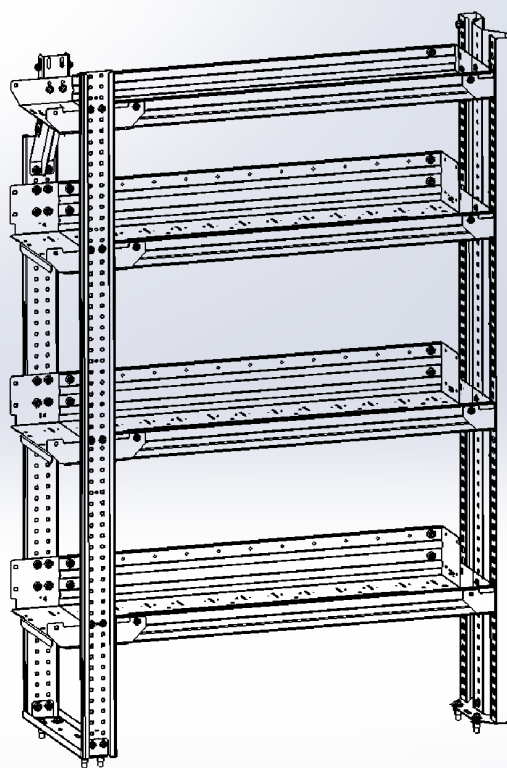
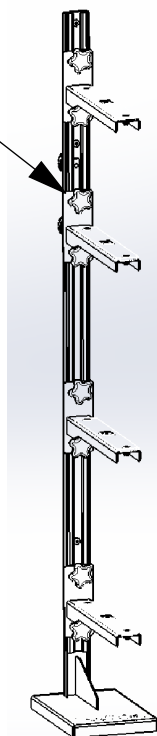
Step 4.2
PLACE ASSEMBLED
80352 NEXT TO
SHELVING, ALINE
SUPPORT ARMS
TO MATCH
HEIGHT OF THE
SHELVING.

FULLY TIGHTEN
73510 TO LOG
ARMS IN PLACE.

Step 4.1



Step 4.2



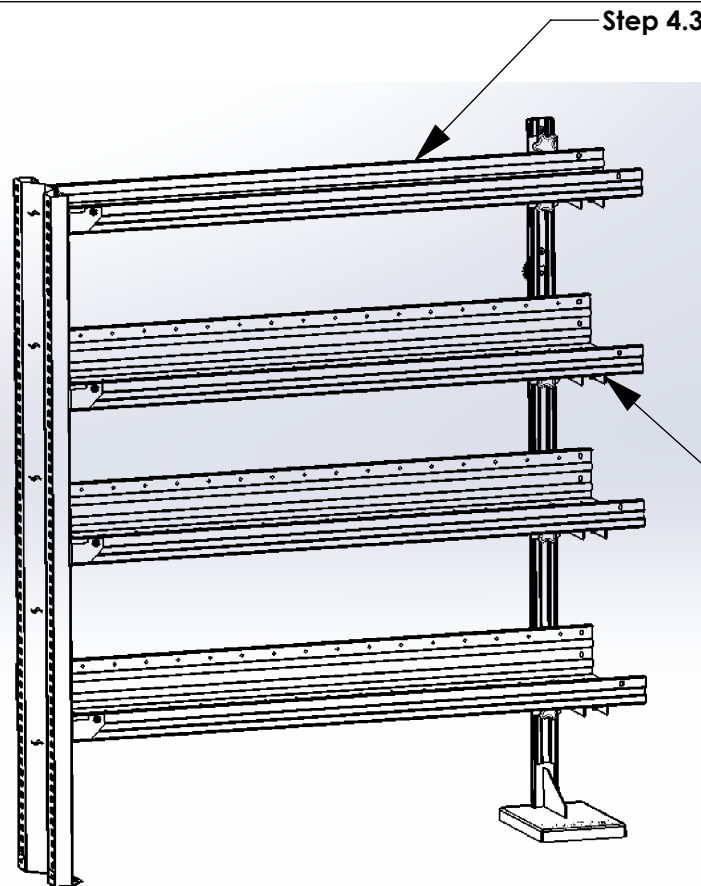
STEP 4 - USING 80352 TO BUILD FULL LENGTH SHELVING.

Step 4.3
WITH THE SHELF
HEIGHT LOCKED,
MOVE THE FIRST
HALF AND PLACE
IN THE VEHICLE.

**FINISH BUILDING
THE FULL LENGTH
SHELVING,
FROM THE
INS-ASHELVING.**

Step 4.4
PLACE OTHER
HALF INTO
VEHICLE AND
COMPLETE THE
ASSEMBLY.

**USE
INS-ASHELVING
TO MOUNT
SHELVING TO
VEHICLE**



**NOTE: PLACE
SHELF'S ON ARMS.
MAGNET ON
ARMS WILL KEEP
SHELF FROM
SLIDING OFF.**

Step 4.2

