



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

5-SHELF UNIT W/ FILTER STORAGE

PRODUCT WEIGHT

134.43 LBS

WIDTH X DEPTH X HEIGHT

50.25" X 17.25" X 63.50"

CAPACITY

125 LBS PER 16" SHELF

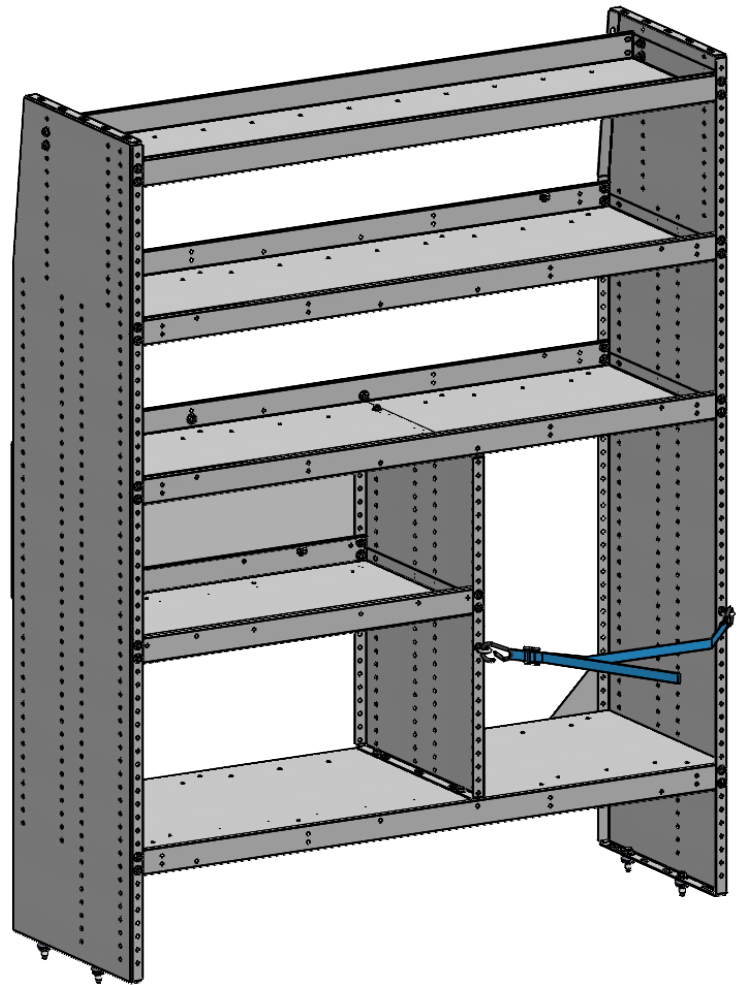
75 LBS PER 12" SHELF

COLOR

GRAY

CATALOG NUMBER

HD1650HRF



PRODUCT FEATURES

THIS SHELVING UNIT IS INTENDED FOR HVAC CUSTOMERS. THIS TAKES THE 5-SHELF 16" DEEP SHELVING UNIT AND OFFERS A SPACE TO STORE 24" HVAC FILTERS AND RETAIN THEM WITH A STRAP.

INTENDED FOR THE FORD TRANSIT HIGH ROOF & MID ROOF AND THE SPRINTER HIGH ROOF.

THIS SHELVING UNIT CAN NOT BE PLACED OVER THE WHEEL WELL ON EITHER SIDE OF THE VEHICLE, BECAUSE THE BOTTOM SHELF IS TOO LOW.

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



5-SHELF UNIT W/ FILTER STORAGE

CATALOG NUMBER **HD1650HRF**

PRODUCT APPLICATION

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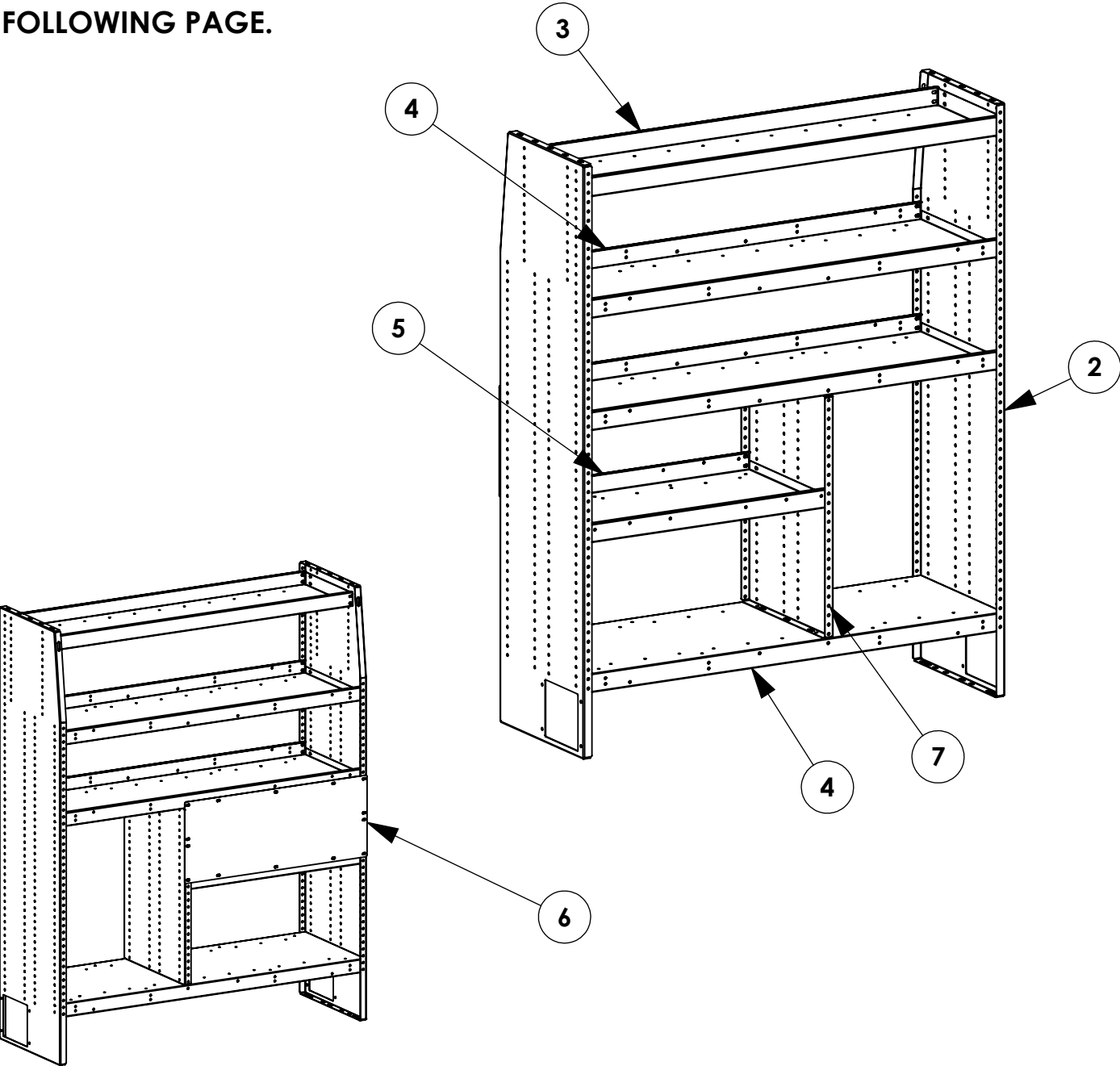
ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

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

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INSTR. : 69977		PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART • HVAC FILTER NUMBER • SHELVING - HR				1	EP1663HRLC	END PANEL,L,16X63,FTH\SPH W/CONDUIT, GRAY	1
				2	EP1663HRRC	END PANEL,R,16X63,FTH\SPH	1
PART • ASM INSTR FOR HVAC DESC. • FILTER SHELVING, HR				3	SF21350X-G	SHELF, STD, 2X13X50, GRAY	1
				4	SF21650X-G	SHELF, STD, 2X16X50, GRAY	3
NOTE: INSTALLATION IS SHOWN FOR UNIT: HD1650HRCF				5	SF21630X-G	SHELF, STD, 2X16X30, GRAY	1
				6	BP1230	BACK PANEL 12x30	1
				7	EP1626	END PANEL, 16X26, GRAY	1

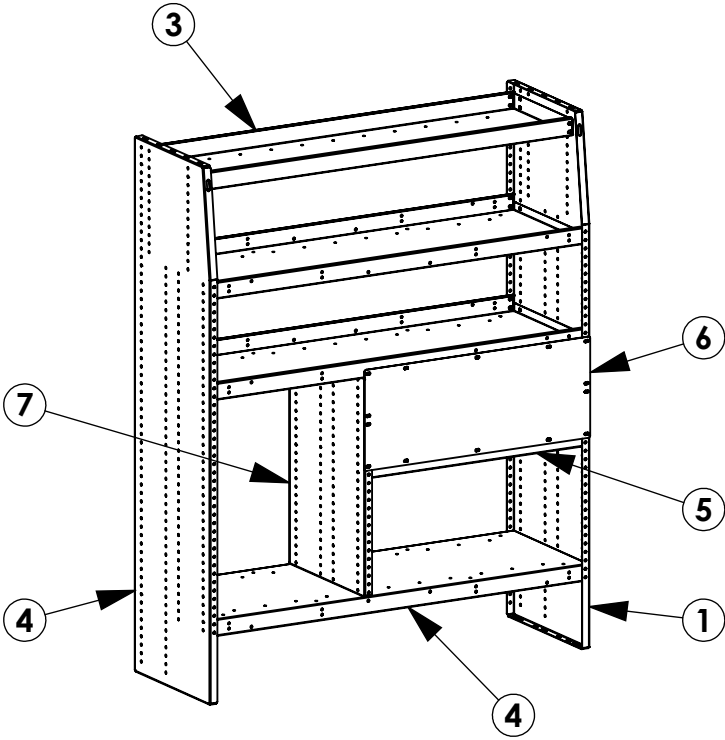
INSTALL IS SIMILAR FOR THE UNITS ON THE FOLLOWING PAGE.



INSTR. : 69977		PG: 2	REV: A
PART • HVAC FILTER		NUMBER • SHELVING - HR	
PART • ASM INSTR FOR HVAC		DESC. • FILTER SHELVING, HR	

HD1650HRF

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP1663HRL	END PANEL,L,16X63,FTH\SPH, GRAY	1
2	EP1663HRR	END PANEL,R,16X63,FTH\SPH	1
3	SF21350X-G	SHELF, STD, 2X13X50, GRAY	1
4	SF21650X-G	SHELF, STD, 2X16X50, GRAY	3
5	SF21630X-G	SHELF, STD, 2X16X30, GRAY	1
6	BP1230	BACK PANEL 12x30	1
7	EP1626	END PANEL, 16X26, GRAY	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.

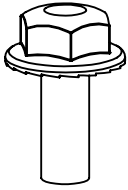
MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

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.

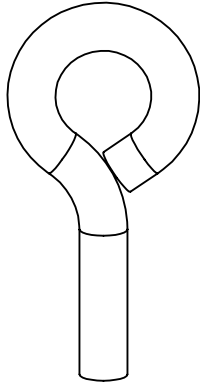
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

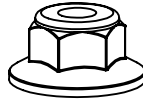
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED - BAG69882

FAS0018
1/4-20 X .63 ZP
HH SFLNG SCREW
QTY: 57



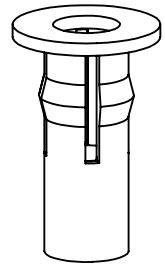
FAS0050
1/4-20 X .5 X .88
EYEBOLT
QTY: 2



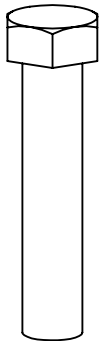
FAS0055
1/4-20 ZP
HFLNG NLK NUT
QTY: 59



FAS0086
1.4-20 ZP
FLAT WASHER
QTY: 4



FAS0091
5/16 ZP
PLUSNUT
QTY: 4



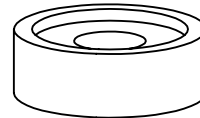
FAS0092
5/16 X 1.5 ZN
HH SCREW
QTY: 4



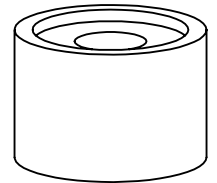
FAS0098
5/16 ZP
SPL LCK WASHER
QTY: 4



FAS0127
1/4-20 ZN
HFLNG NUT
QTY: 2



03927-1
11/32 1010 ZP
FLR SPACER
QTY: 4



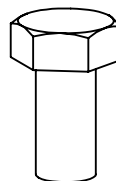
03927-2
11/16 1010 ZP
FLR SPACER
QTY: 4

ITEMS FOUND IN ASCO RAIL KIT

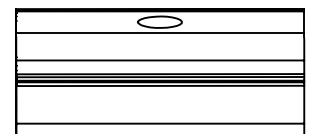
FAS0085
5/16 ZP
EXT LCK WASHER
QTY: 2



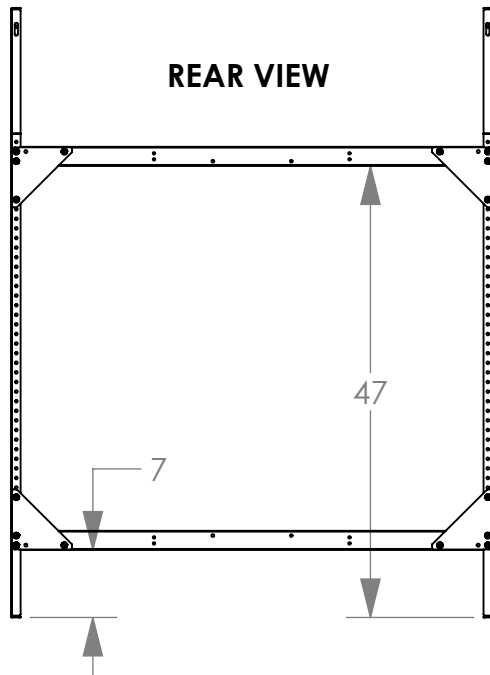
FAS0086
5/16 ZP
FLAT WASHER
QTY: 2



FAS0165
5/16-18 X .62 ZP
HH SCREW
QTY: 2

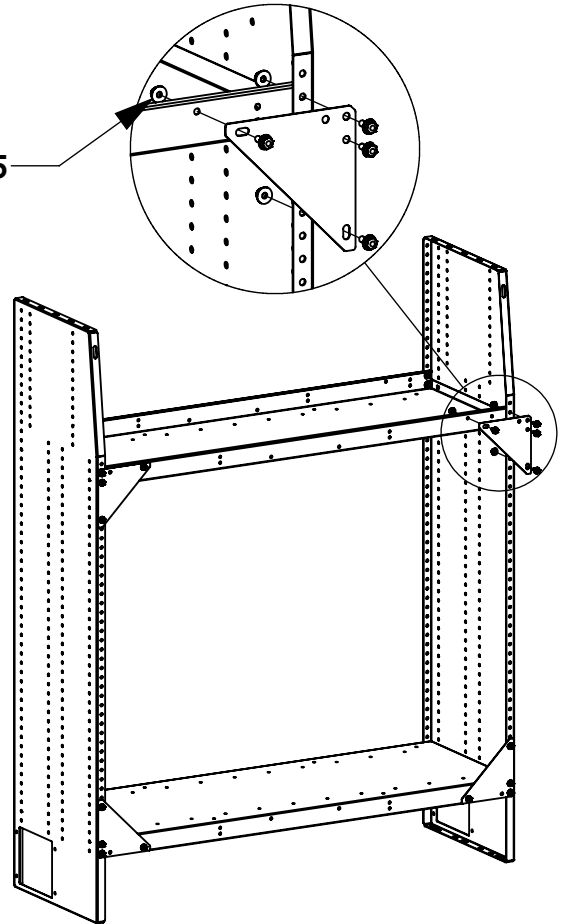
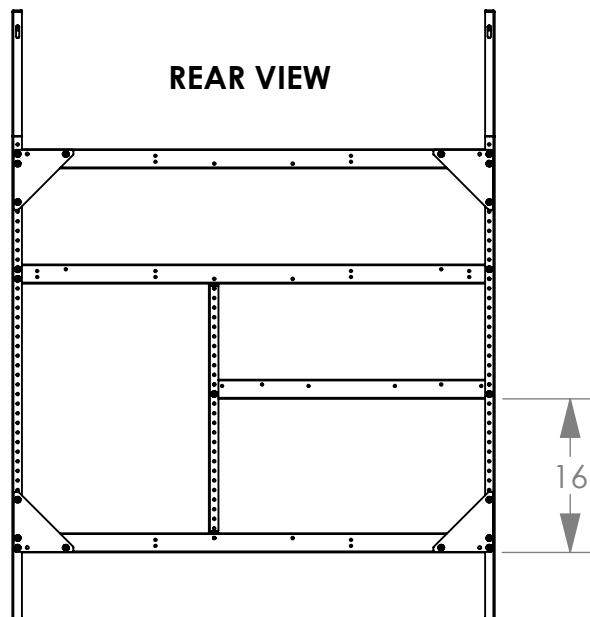


35335-0
1.5" LONG
AD RAIL SLIDE
QTY: 2

BEGIN ASSEMBLY**STEP 1 - INSTALL SHELVES WITH GUSSETS**

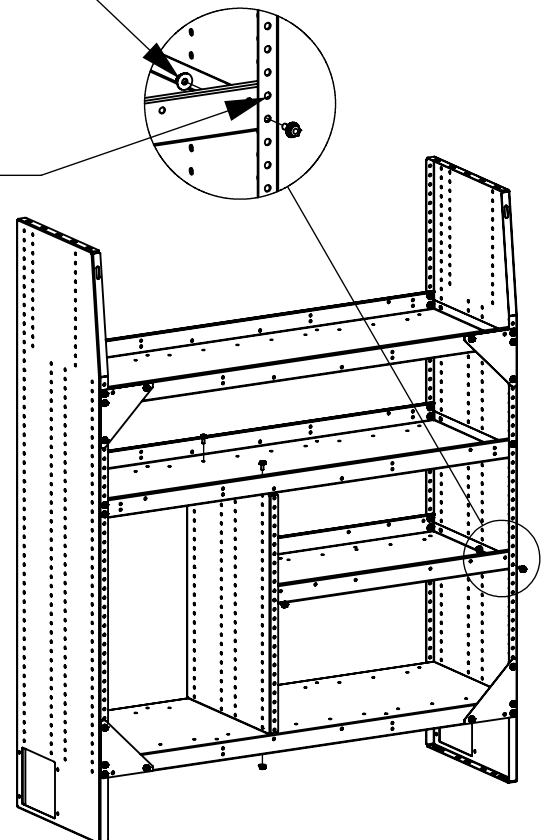
ORIENTATION NOTE:
 UPPER GUSSET: EAR DOWN
 LOWER GUSSET: EAR UP

FAS0018, FAS0055
 (24 PLACES)
 7/16" SOCKET
 7/16" WRENCH

**STEP 2 - INSTALL MIDDLE SHELF**

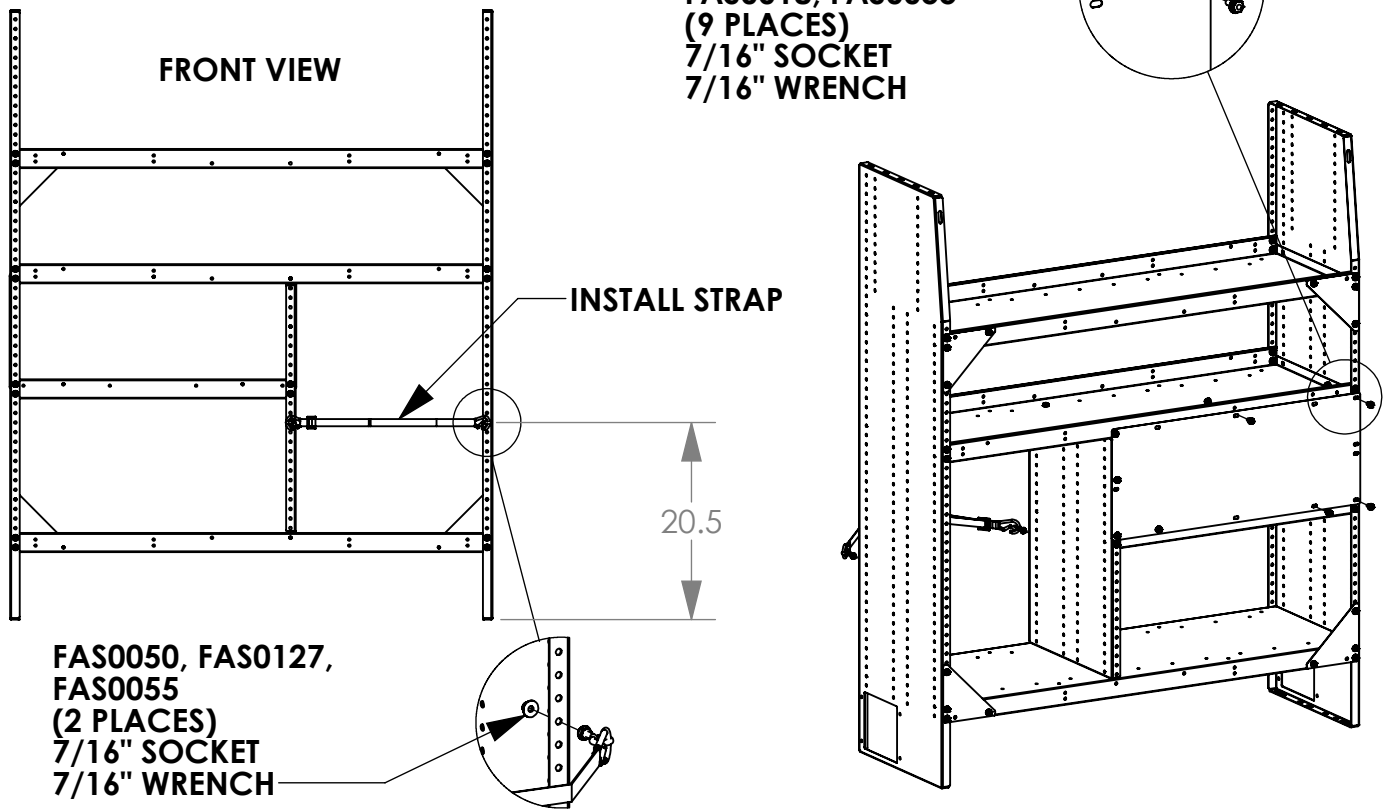
FAS0018, FAS0055
 (10 PLACES)
 7/16" SOCKET
 7/16" WRENCH

**DO NOT INSTALL
 TOP REAR SHELF
 FASTENERS
 UNTIL THE BACK
 PANEL IS ON**

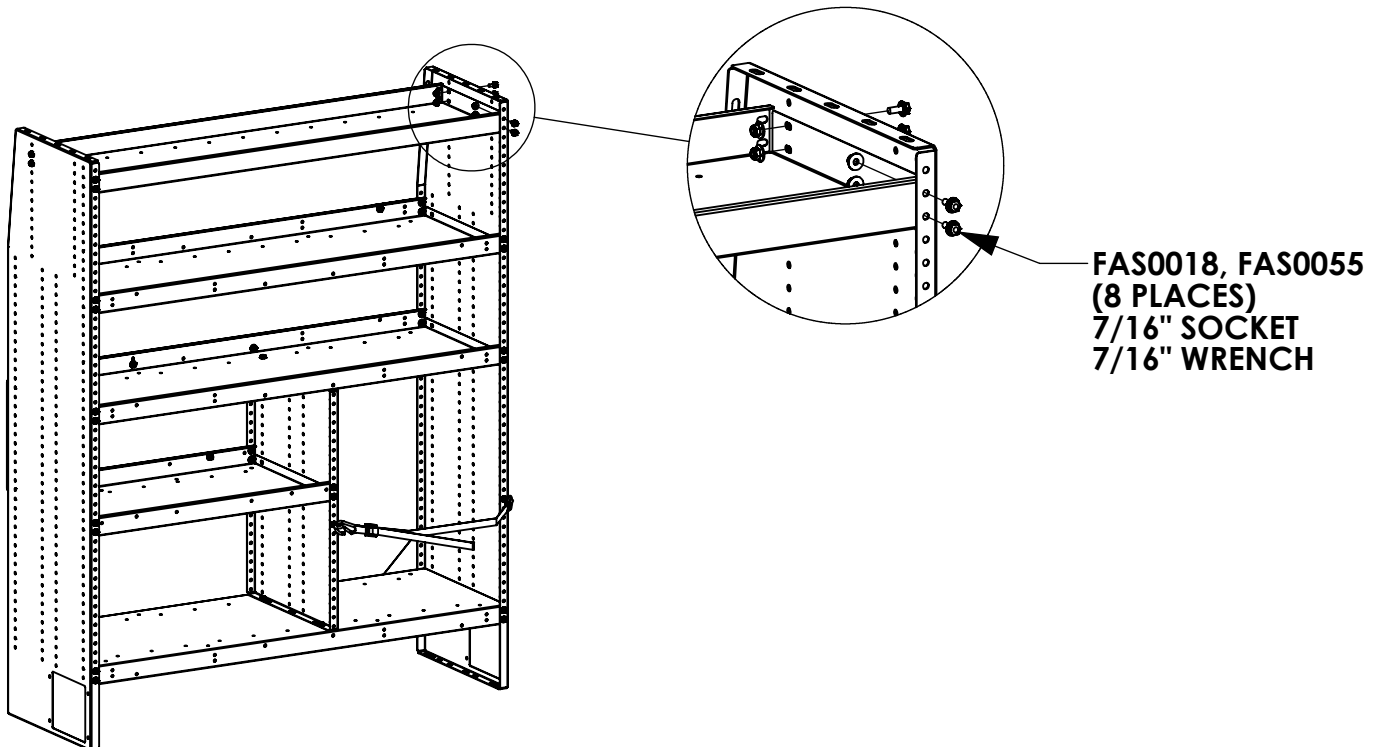


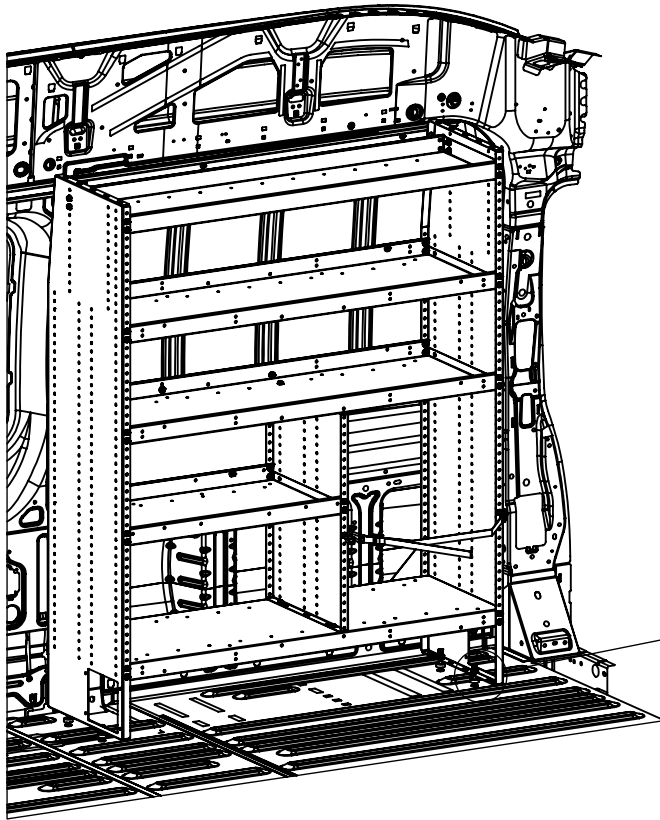
**INSTALL END PANEL FIRST,
 THEN SHORT SHELF**

STEP 3 - INSTALL BACK PANEL AND SHELF

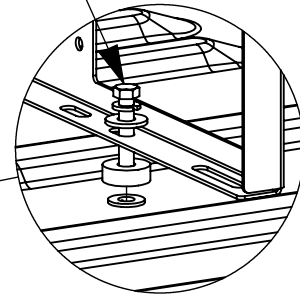
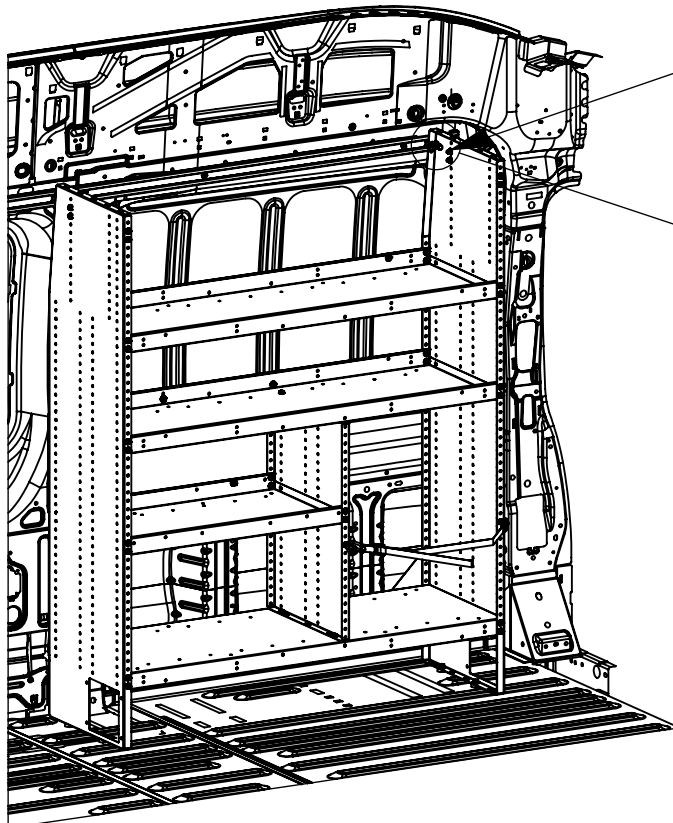


STEP 4 - INSTALL TOP SHELF

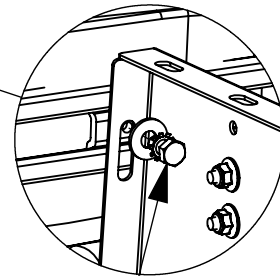


STEP 5 - MOUNT SHELVEING UNIT TO VEHICLE FLOOR

FAS0096, FAS0098,
FAS0086, FAS0091,
(ADD 03927-1 OR 03927-2
SPACERS AS NEEDED)
(4 PLACES)
1/2" SOCKET

**STEP 6 - MOUNT SHELVEING UNIT TO UPPER AD RAIL**

NOTE: TOP SHELF
HIDDEN TO SHOW
FASTENER LOCATION



FAS0165, FAS0085,
FAS0086, 35335-0
(2 PLACES)
7/16" WRENCH