



**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

## **4-SHELF UNIT W/ FILTER STORAGE**

### *PRODUCT WEIGHT*

**99.07 LBS**

### *WIDTH X DEPTH X HEIGHT*

**50.25" X 17.25" X 49.00"**

### *CAPACITY*

**125 LBS PER 16" SHELF**

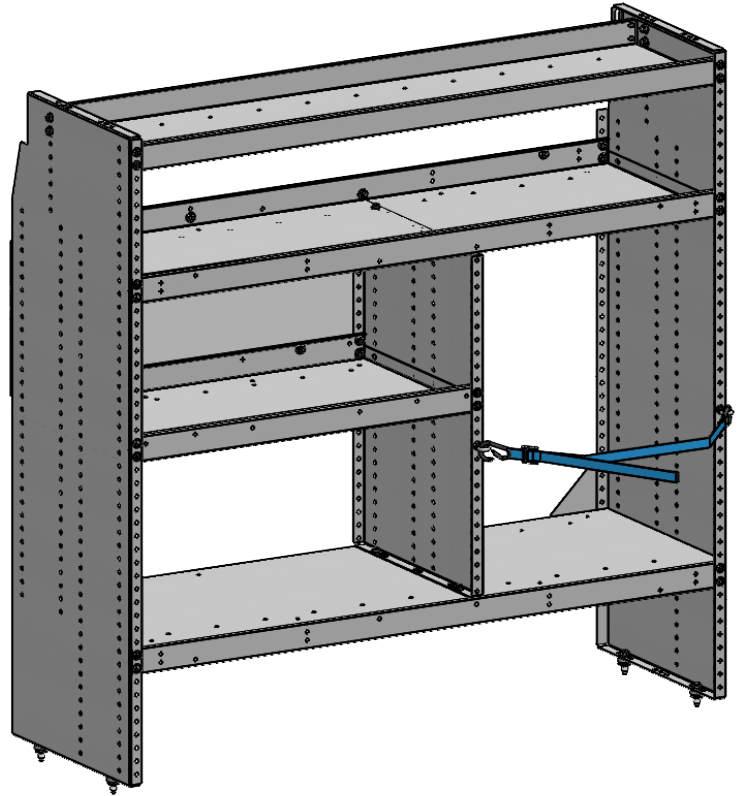
**75 LBS PER 12" SHELF**

### *COLOR*

**GRAY**

### *CATALOG NUMBER*

**HD1650TLF**



### **PRODUCT FEATURES**

THIS SHELVING UNIT IS INTENDED FOR HVAC CUSTOMERS. THIS TAKES THE 4-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 LOW 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.



## ***4-SHELF UNIT W/ FILTER STORAGE***

***CATALOG NUMBER***      **HD1650TLF**

### ***PRODUCT APPLICATION***

**THIS SHELVING UNIT IS INTENDED FOR HVAC CUSTOMERS. THIS TAKES THE 4-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 LOW 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.**

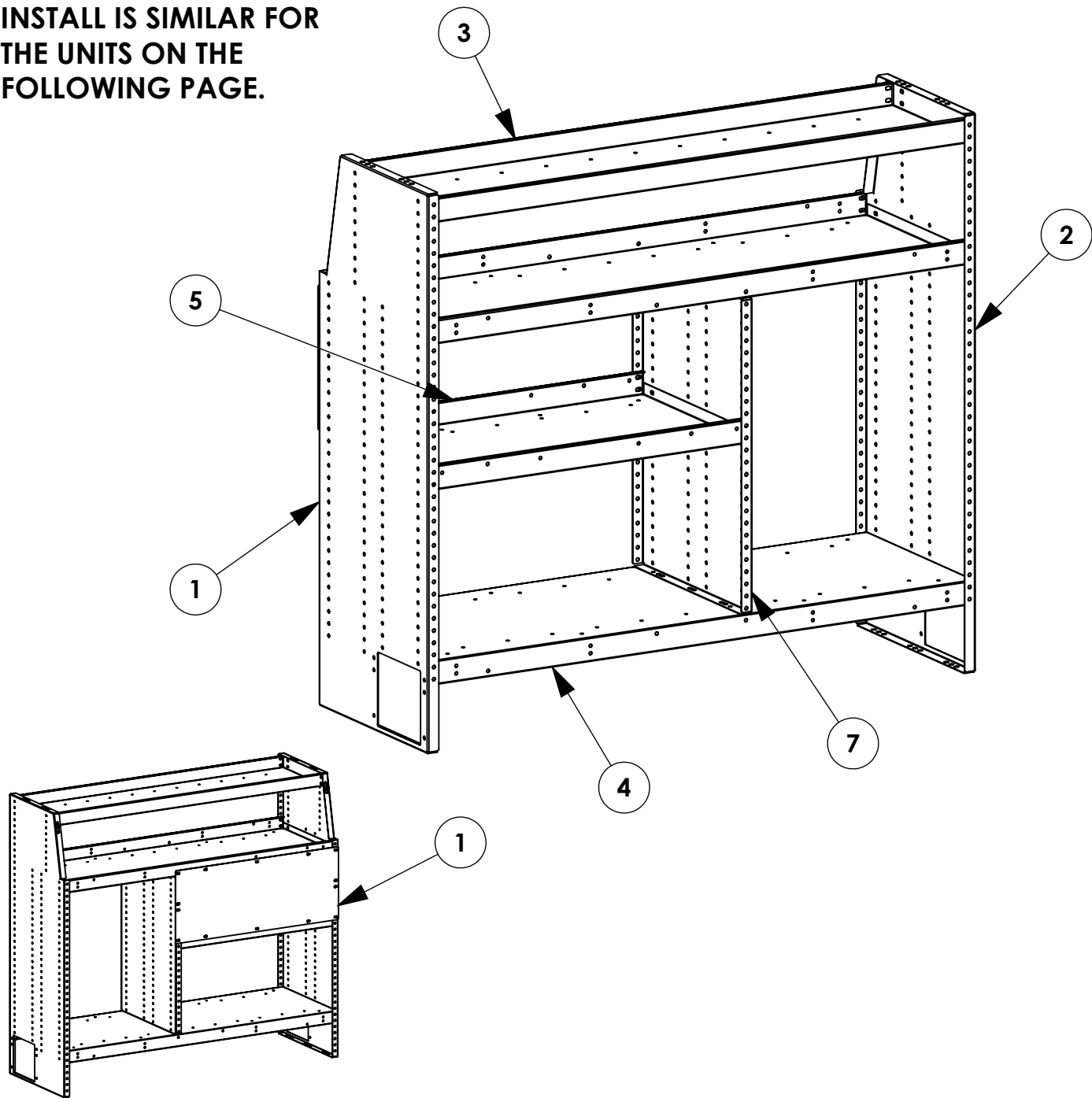
### ***ACCESSORIES THAT WILL WORK WITH THIS PRODUCT***

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

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INSTR. : <b>69883</b>		PG: <b>1</b>	REV: <b>A</b>	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART • <b>HVAC FILTER</b> NUMBER • <b>SHELVING - GM/TL</b>				1	EP1646GMLC	CONDUIT END PANEL, GM L, 16X46	1
				2	EP1646GMRC	CONDUIT END PANEL, GM R, 16X46	1
PART • ASM INSTR FOR HVAC FILTER DESC. • SHELVING, GM AND TL				3	SF21250X-G	SHELF, STD, 2X12X50, GRAY	1
				4	SF21650X-G	SHELF, STD, 2X16X50, GRAY	2
<b>NOTE: INSTALLATION IS SHOWN FOR UNIT: HD1650GMCF</b>				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.  
NUMBER : **69883**

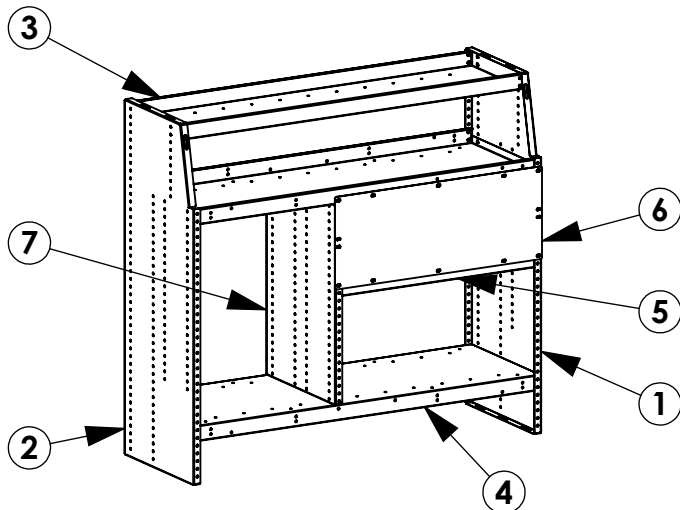
PG: **2** REV: **A**

PART • **HVAC FILTER**  
NUMBER • **SHELVING - GM/TL**

PART • ASM INSTR FOR HVAC FILTER  
DESC. • SHELVING, GM AND TL

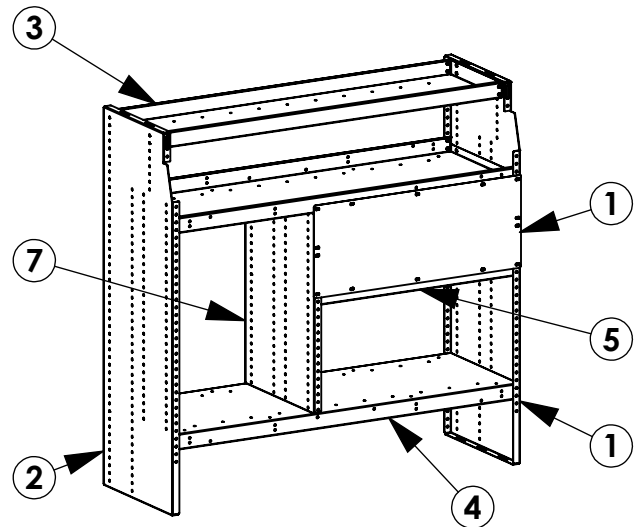
## HD1650GMF

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP1646GML	END PANEL, KD 46 X 16,L	1
2	EP1646GMR	END PANEL KD 46 INCH R	1
3	SF21250X-G	SHELF, STD, 2X12X50, GRAY	1
4	SF21650X-G	SHELF, STD, 2X16X50, GRAY	2
5	SF21630X-G	SHELF, STD, 2X16X30, GRAY	1
6	BP1230	BACK PANEL 12x30	1
7	EP1626	END PANEL, 16X26, GRAY	1



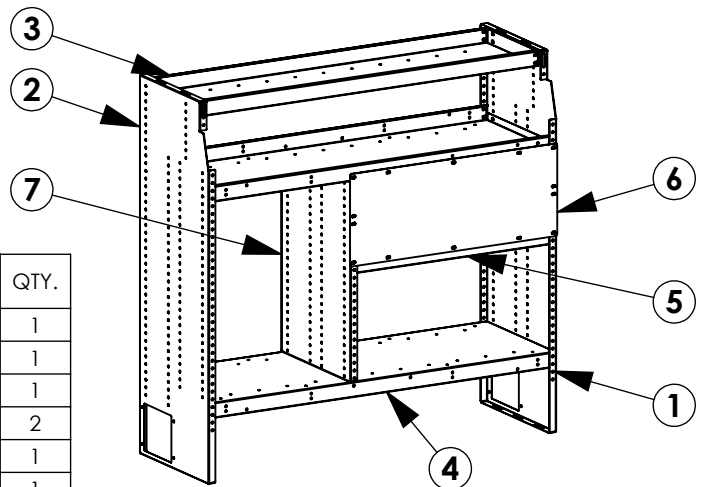
## HD1650TLF

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP1650TLL	END PANEL, FORD LR, 16X50, GRAY	1
2	EP1650TLR	END PANEL, FORD LR, 16X50, GRAY	1
3	SF21250X-G	SHELF, STD, 2X12X50, GRAY	1
4	SF21650X-G	SHELF, STD, 2X16X50, GRAY	2
5	SF21630X-G	SHELF, STD, 2X16X30, GRAY	1
6	BP1230	BACK PANEL 12x30	1
7	EP1626	END PANEL, 16X26, GRAY	1



## HD1650TLCF

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EP1650TLLC	CONDUIT END PANEL, FORD LR, 16X50, GRAY	1
2	EP1650TLRC	CONDUIT END PANEL, FORD LR, 16X50, GRAY	1
3	SF21250X-G	SHELF, STD, 2X12X50, GRAY	1
4	SF21650X-G	SHELF, STD, 2X16X50, GRAY	2
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.

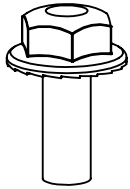
**MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT** - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

**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.

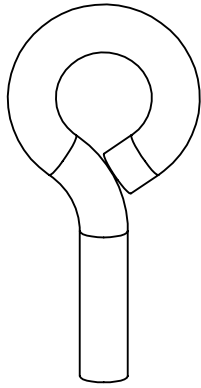
**CHECK SPACER ORIENTATION** - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

**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).

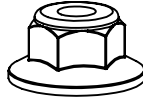
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**FASTENERS USED - BAG69881**

**FAS0018**  
1/4-20 X .63 ZP  
HH SFLNG SCREW  
QTY: 49



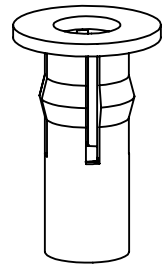
**FAS0050**  
1/4-20 X .5 X .88  
EYEBOLT  
QTY: 2



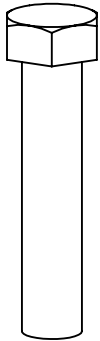
**FAS0055**  
1/4-20 ZP  
HFLNG NLK NUT  
QTY: 51



**FAS0086**  
1.4-20 ZP  
FLAT WASHER  
QTY: 4



**FAS0091**  
5/16 ZP  
PLUSNUT  
QTY: 4



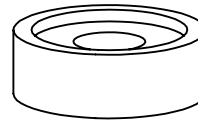
**FAS0092**  
5/16 X 1.5 ZN  
HH SCREW  
QTY: 4



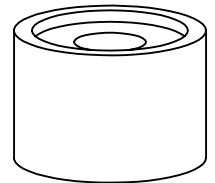
**FAS0098**  
5/16 ZP  
SPL LCK WASHER  
QTY: 4



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



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



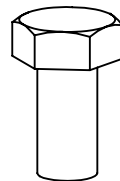
**03927-2**  
11/16 1010 ZP  
FLR SPACER  
QTY: 4

**ITEMS FOUND IN ASCO RAIL KIT**

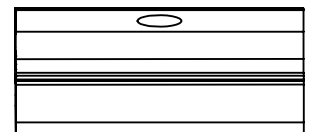
**FAS0085**  
5/16 ZP  
EXT LCK WASHER  
QTY: 2



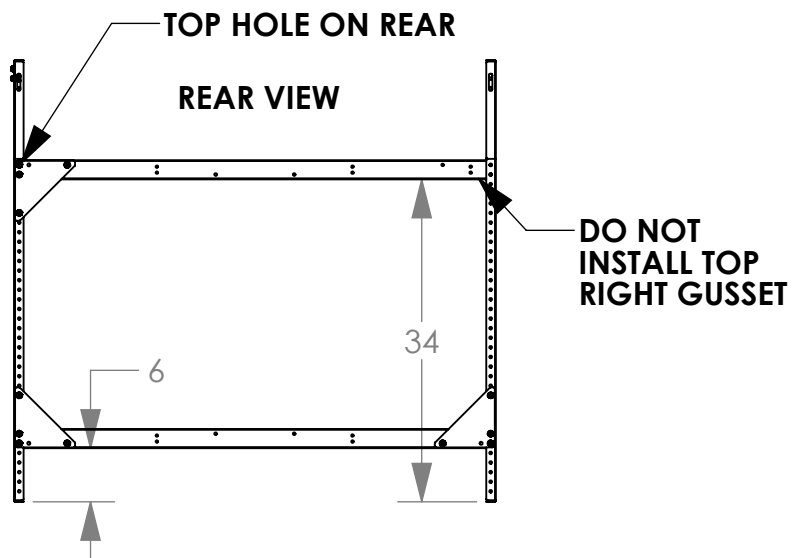
**FAS0086**  
5/16 ZP  
FLAT WASHER  
QTY: 2



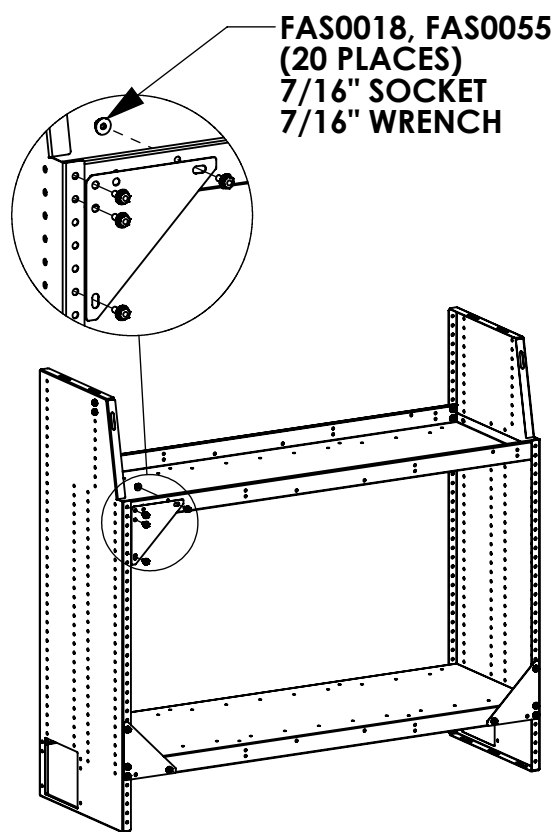
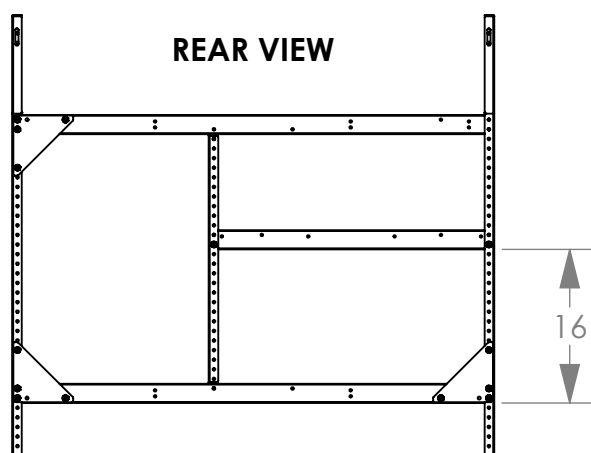
**FAS0165**  
5/16-18 X .62 ZP  
HH SCREW  
QTY: 2



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

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

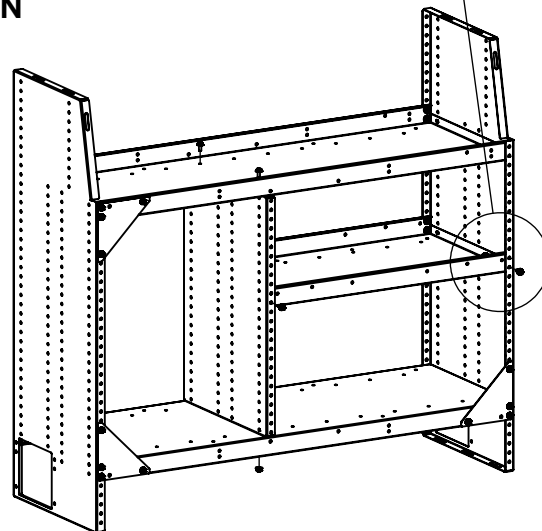
**ORIENTATION NOTE:**  
 UPPER GUSSETS: EAR DOWN  
 LOWER GUSSETS: EAR UP

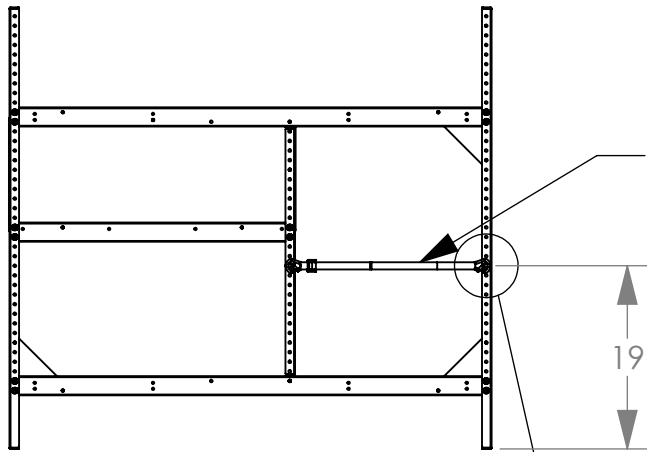
**STEP 2 - INSTALL MIDDLE SHELF**

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

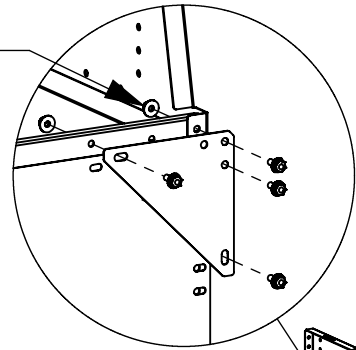
FAS0018, FAS0055  
 (12 PLACES)  
 7/16" SOCKET  
 7/16" WRENCH

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

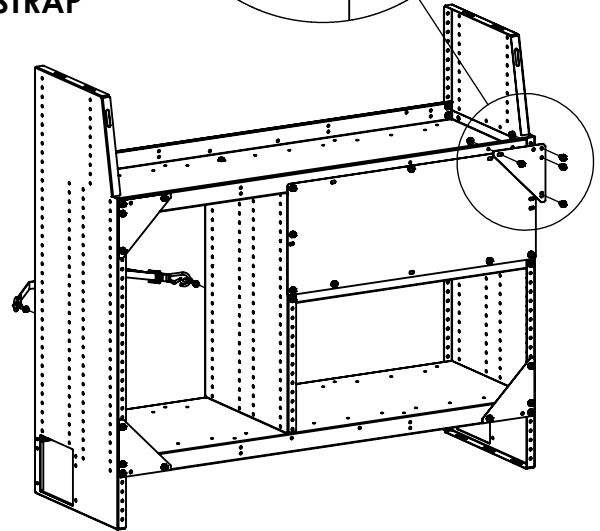


**STEP 3 - INSTALL BACK PANEL AND SHELF****FRONT VIEW**

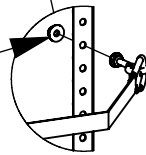
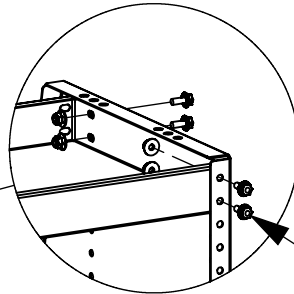
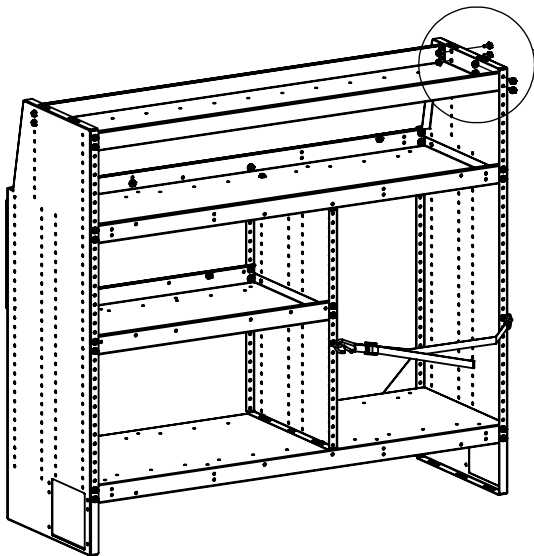
FAS0018, FAS0055  
(11 PLACES)  
7/16" SOCKET  
7/16" WRENCH



INSTALL STRAP

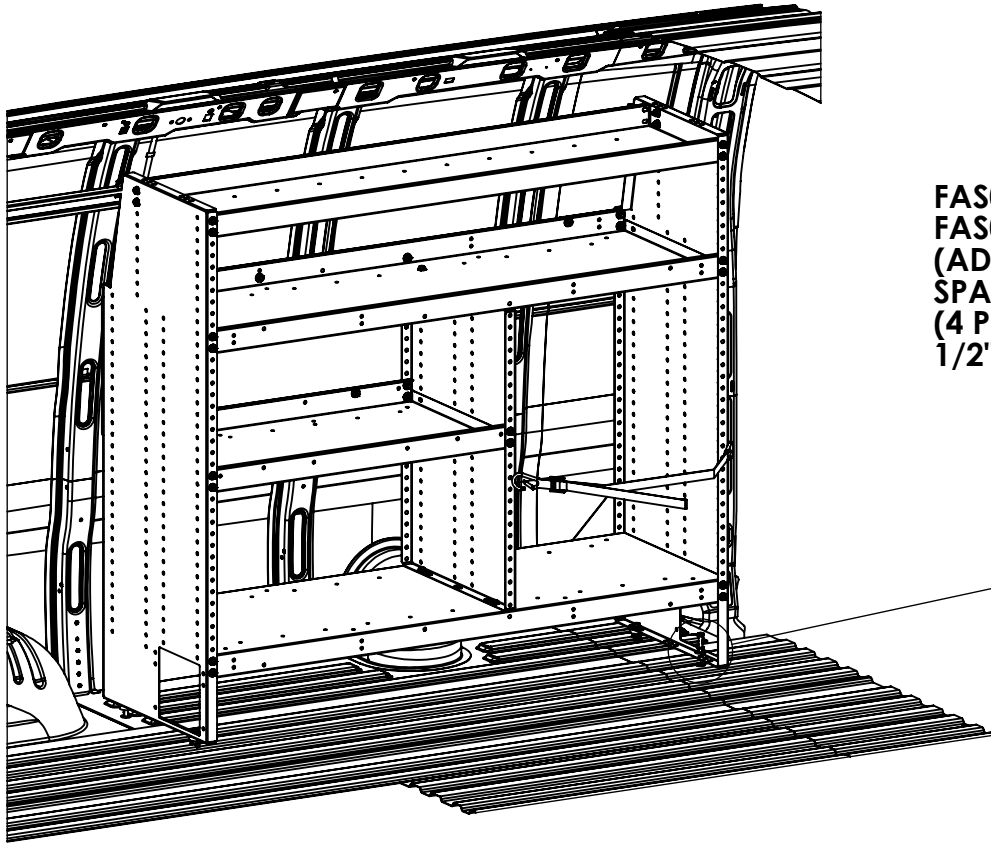


FAS0050, FAS0127,  
FAS0055  
(2 PLACES)  
7/16" SOCKET  
7/16" WRENCH

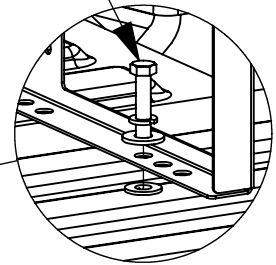
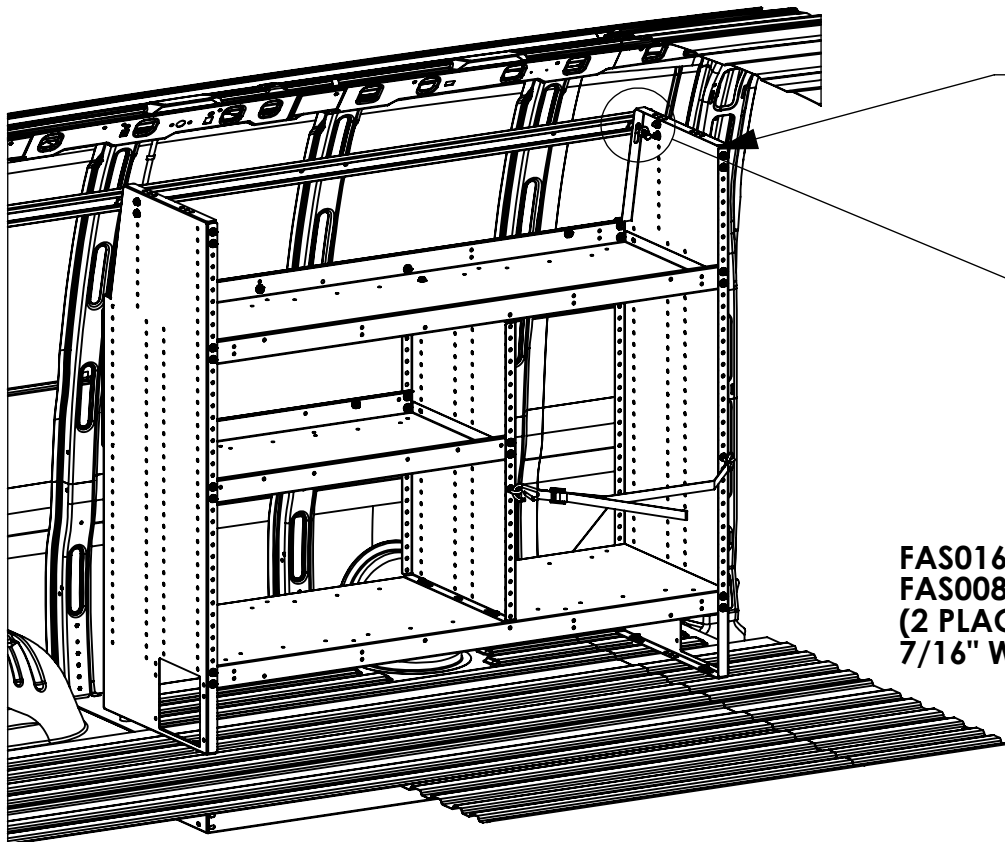
**STEP 4 - INSTALL TOP SHELF**

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

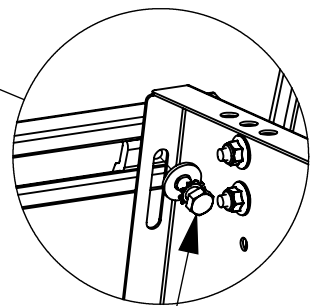


**STEP 5 - MOUNT SHELVING UNIT TO VEHICLE FLOOR**

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

**STEP 6 - MOUNT SHELVING UNIT TO VEHICLE FLOOR**

NOTE: TOP SHELF  
HIDDEN TO SHOW  
FASTENER LOCATION



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