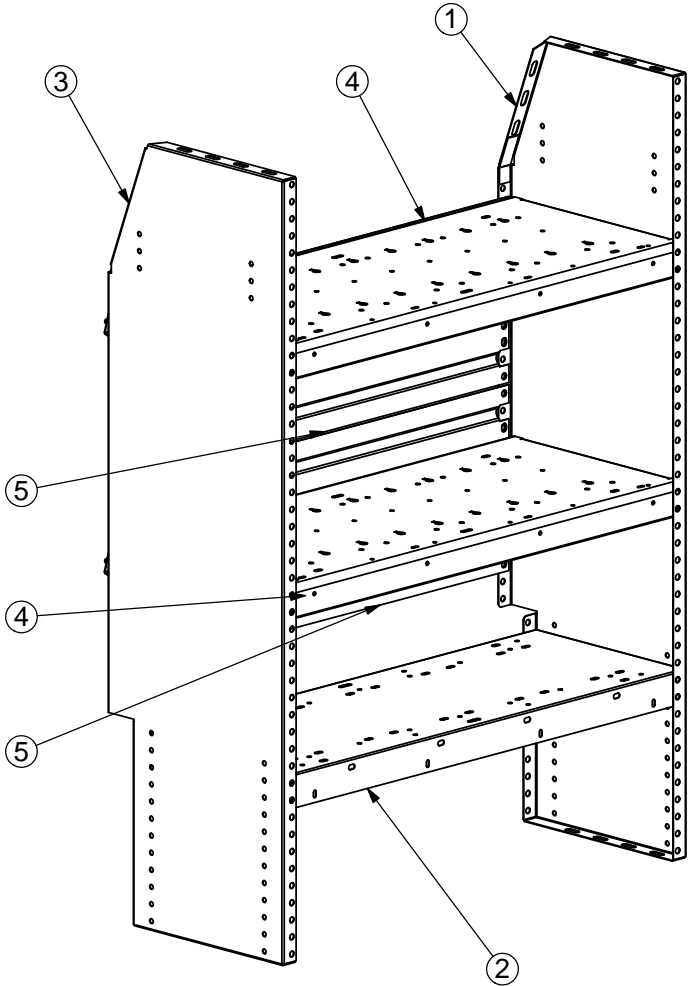
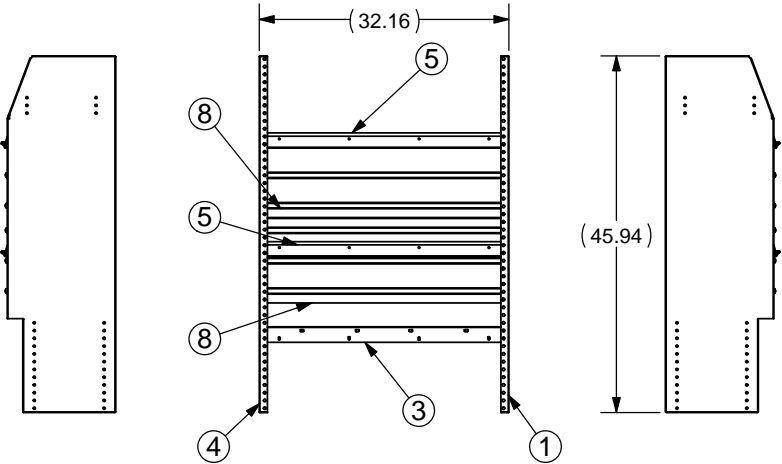


ITEM NO.	PART NUMBER	DESCRIPTION	AD32PMC/QTY.
1	48646-G	END PNL WLDMNT, PMC, RH	1
2	48642-G	2X12X32 SHELF	1
3	48647-G	END PNL WLDMNT, PMC, LH	1
4	35325-G	14x32 PAINTED SHELF ASS'Y	2
5	35318-G	BACK PANEL 32",PAINTED	2
6	BAGADXXFP	FASTENER BAG	1
7	BAGSF11836	BAG SHELF KIT FOR CL1860	3
8	CRTAD44-0	CARTON AD SERIES SHELIVING	1
9	CRTAD44-1	CARDBOARD FLAT, FOR AD44FP	3
10	FMBLK000-0	FOAMBLK, 2X8.312X13.937	2
11	48332	INSTRUCTION	1

NOT SHOWN  
NOT SHOWN  
NOT SHOWN  
NOT SHOWN  
NOT SHOWN  
NOT SHOWN



Initial Release: **ECN- 17054** Current Revision: **ECN-17122**

Description of change(s):

**RELEASED FOR PRODUCTION**

UNLESS OTHERWISE SPECIFIED  
ALL BEND ANGLES  
ARE 90 DEGREES  
ALL DIMENSIONS ARE IN INCHES.

FEATURES HOLES/SLOTS  
0.0 = ± .125 0.0 = ± .062  
0.00 = ± .062 0.00 = ± .031  
0.000 = ± .031 0.000 = ± .015

ANGLES  
0° = ± 2°  
0.0° = ± 1°

Material Thickness: per AISI Std.

PRINTED DOCUMENT IS UNCONTROLLED

THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY

Designed By: **Mike Gettel**

Mat'l Type:  
**ASSEMBLY**

Part Weight. (Lbs.):

Primer Coating:

Finish Coating: **NONE**

Raw Material:

Segment Code: **KD**

Primer Wt. (Lbs.):

Paint Wt. (Lbs.): **N/A**

Part Description: **ASSEMBLY**

**ADRIAN STEEL**

906 JAMES STREET, ADRIAN, MI 49221

Part Number

**AD32PMC**

Sheet 1 of 1

CURRENT  
REVISION LEVEL

**B**

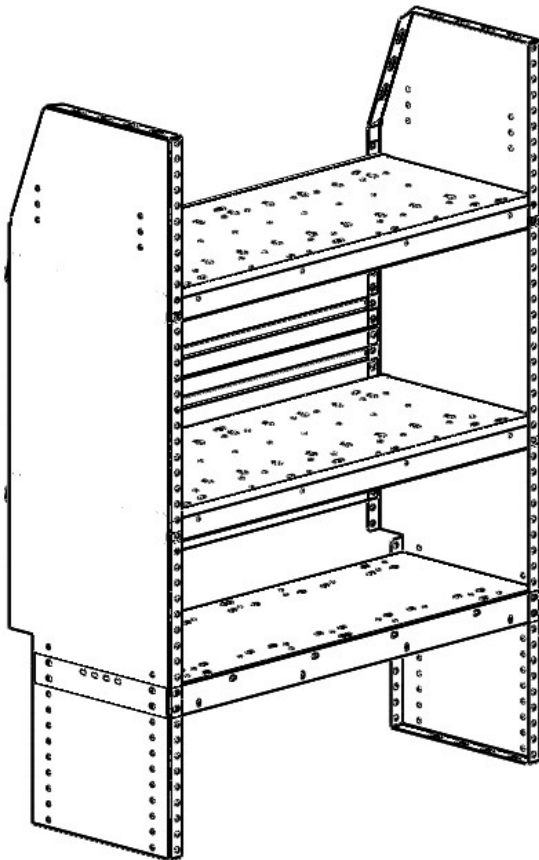
PRODUCTION RELEASED!

### Introduction / Comments:

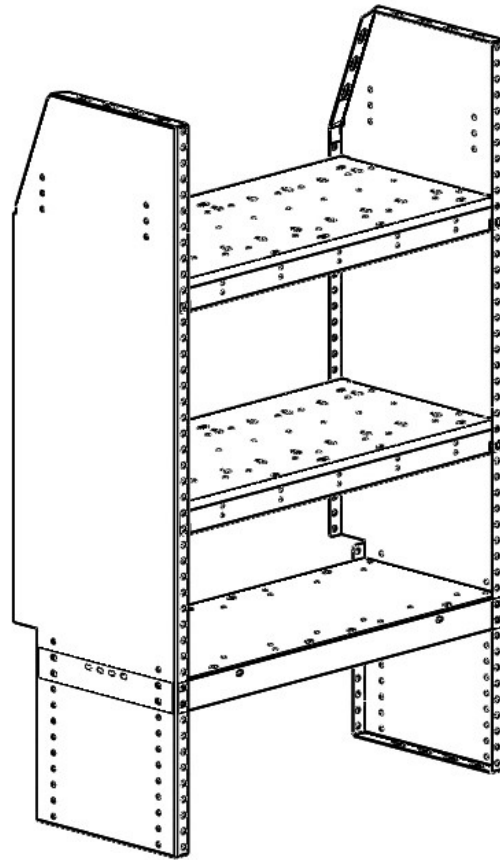
AD Series Adjustable Style Shelving Units, AD32PMC & AD28PMC, for Dodge Promaster City.

#### **Note:**

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Product gives you long service life.



AD32PMC



AD28PMC

## - PRECAUTIONS -





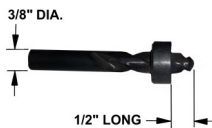
 **CAUTION**   
**THE USE OF AIR IMPACT TOOLS CAN  
OVER-TORQUE FASTENERS AND  
CAUSE FASTENER FAILURE!**





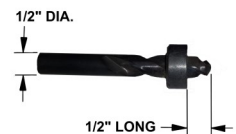
 **CAUTION**   
**ALL INSTALLATION HOLES SHOULD BE SEALED  
WITH SILICON OR BUTYL SEALANT TO PREVENT  
EXHAUST FUMES FROM ENTERING THE VEHICLE!**



 **DANGER**   
**INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH  
VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO  
DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS  
OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!**



 **CAUTION**   
**TO AVOID DAMAGING THE VEHICLE ALWAYS USE DRILL  
STOPS WHEN DRILLING ANY INSTALLATION HOLES!  
ADRIAN AVAILABLE PART #'S 31121-0 (3/8" X 1/2"  
DEEP), 31121-0 (1/2" x 1/2" DEEP)**



## - IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

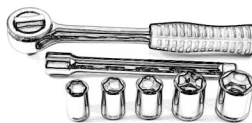
### THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH  
STOP



RATCHET, SOCKETS  
AND/OR WRENCHES



SCREWDRIVERS



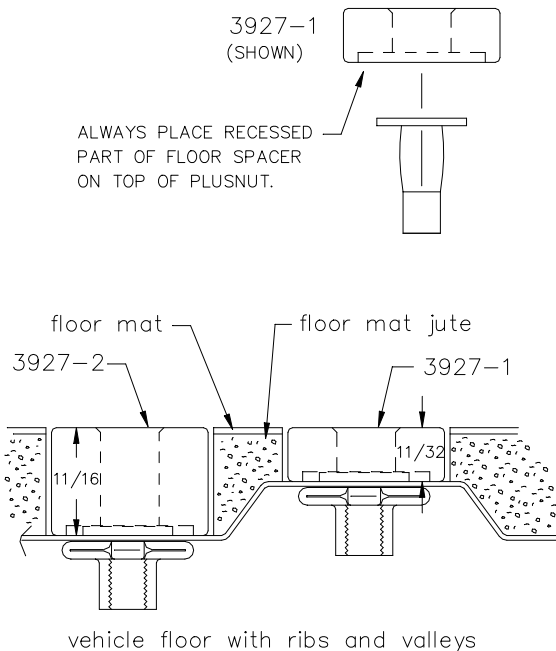
MEASURING TAPE

ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process. Using the correct drill bit size for the selected plusnut, drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.

If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations.

Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.



A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION . PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

1/4-20UNC Plusnut (FAS0052) Use 3/8" dia. drill w/stop

FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8

FAS0067 WASHER, FLAT, 1/4"ID

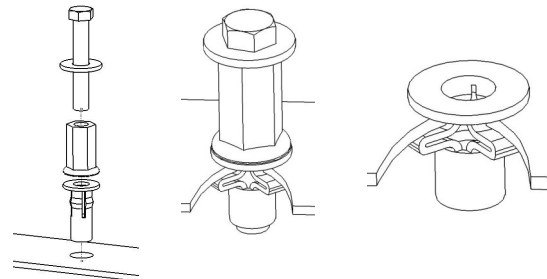
22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop

FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8

FAS0086 WASHER, FLAT, 5/16"ID

22200-0 PLUSNUT TOOL

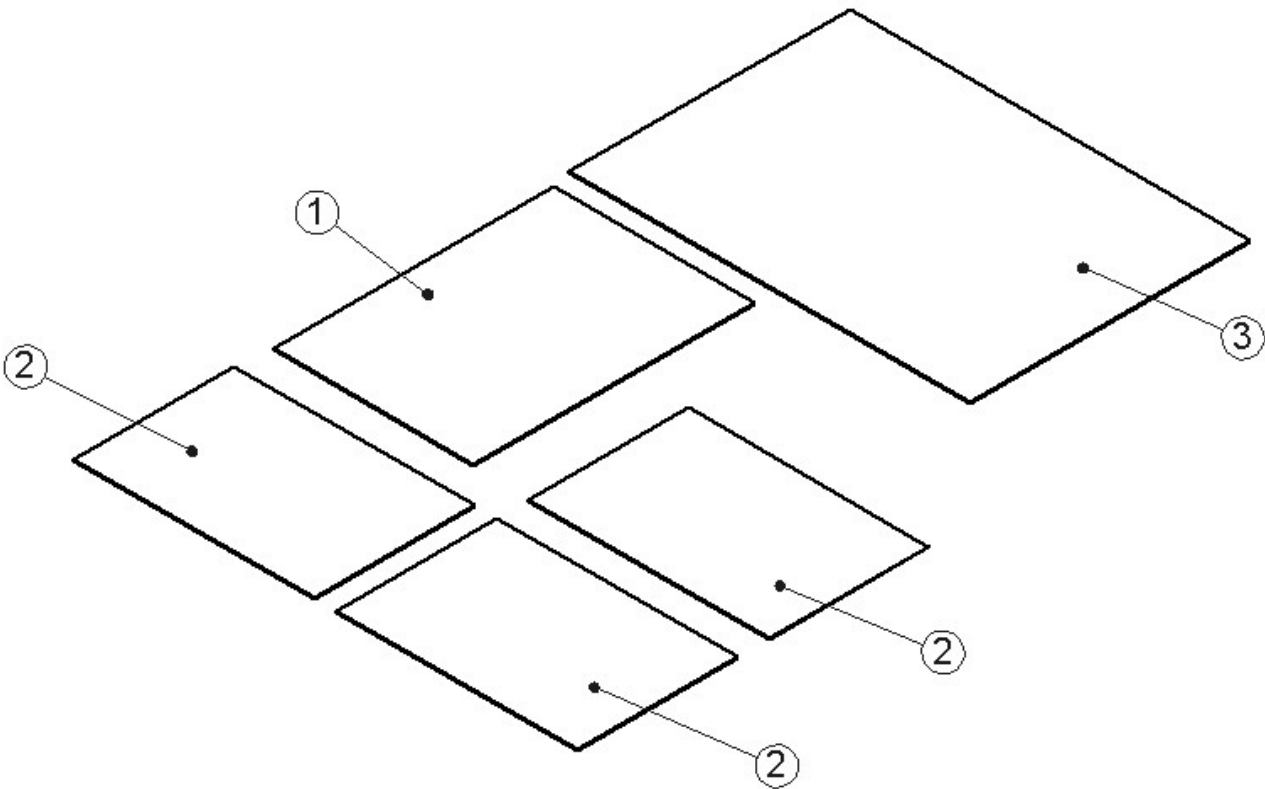


Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

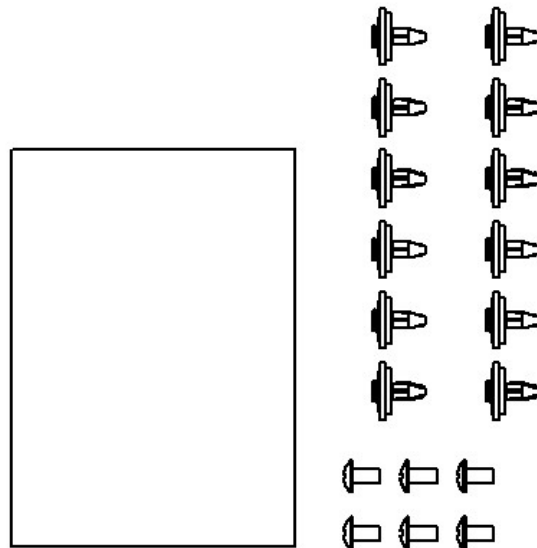
**Installation and/or Assembly Fasteners**  
**(1) BAGADPMC**

ITEM NO.	PART NUMBER	DESCRIPTION	BAGADPMC/QTY.
1	BAGADXXFP	FASTENER BAG	1
2	BAGSF11836	BAG SHELF KIT FOR CL1860	3
3	BAG0710-A	7" X 10" 4MIL AUTOBAG	1



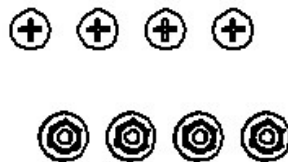
**Installation and/or Assembly Fasteners**  
**(1) BAGADXXFP**

ITEM NO.	PART NUMBER	DESCRIPTION	BAGADXXFP/QTY.
1	BAG0507-A	5" x 7" 3MIL AUTOBAG	1
2	FAS0061	Screw, Truss Hd. Ph, 1/4-20x0.50	6
3	FAS0712	RIVET AND WASHER ASSEMBLY	12

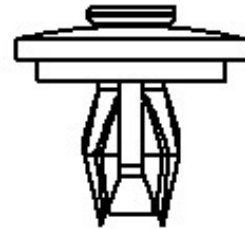
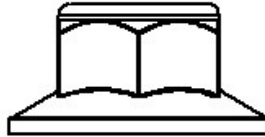
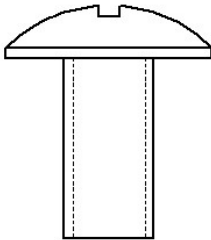
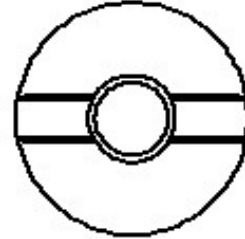
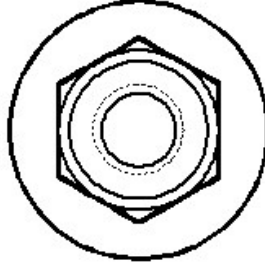
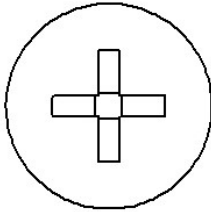


**Installation and/or Assembly Fasteners**  
**(3) BAGSF11836**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0406-A	4" x 6" 3MIL AUTOBAG	1
2	FAS0055	Nut, Hex Flange, Nylock 1/4-20	4
3	FAS0061	Screw, Truss Hd. Ph, 1/4-20x0.50	4



## Individual Fastener Images & Descriptions

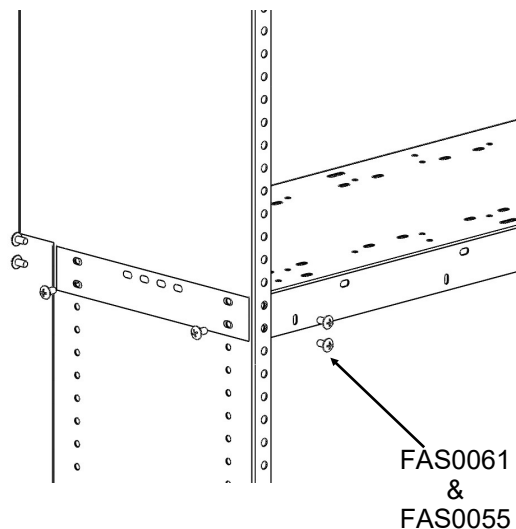
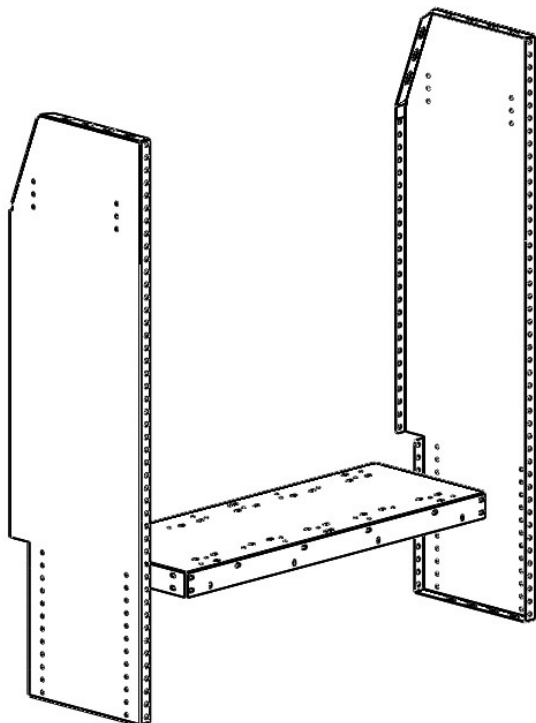


FAS0061  
SCREW, THP, 1/4-20 X .5"  
QTY 18

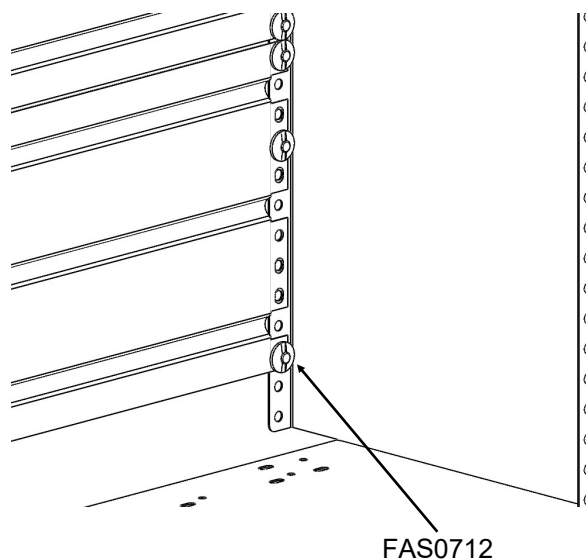
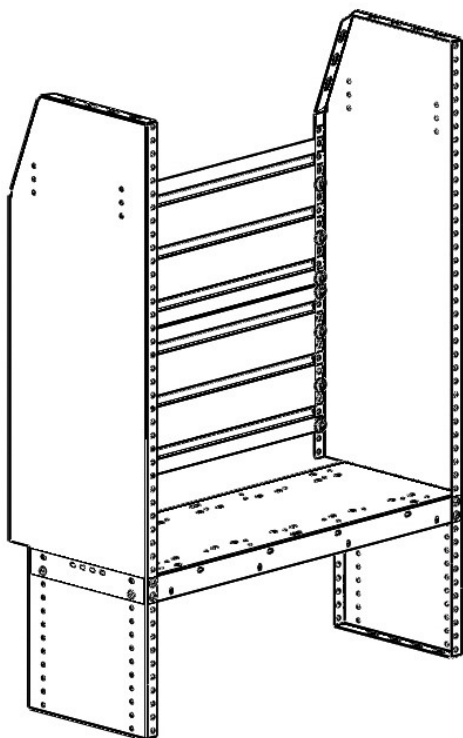
FAS0055  
NUT, HEX NLK FLG 1/4-20  
QTY 12

FAS0712  
RIVET & WASHER  
ASSEMBLY  
QTY 12

**Step 01** Install bottom shelf (48642-G or 48643-G) using (12) FAS0061 & (12) FAS0055. Shelf can be installed lips up or down depending on application. Locate in upper hole for best wheel well clearance.

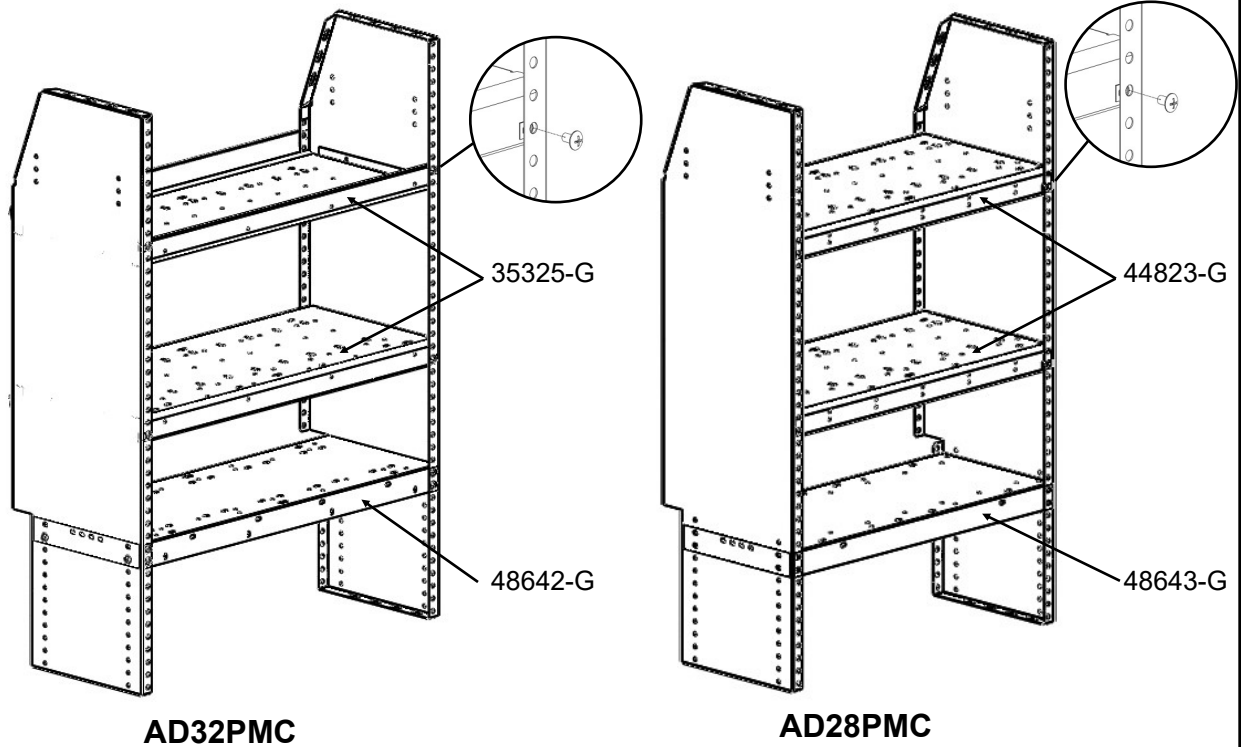


**Step 02 (AD32PMC Only)** Install back panels (35318-G) using (6) FAS0712 per back panel, (3) per side. Note: AD28PMC does not have back panels.

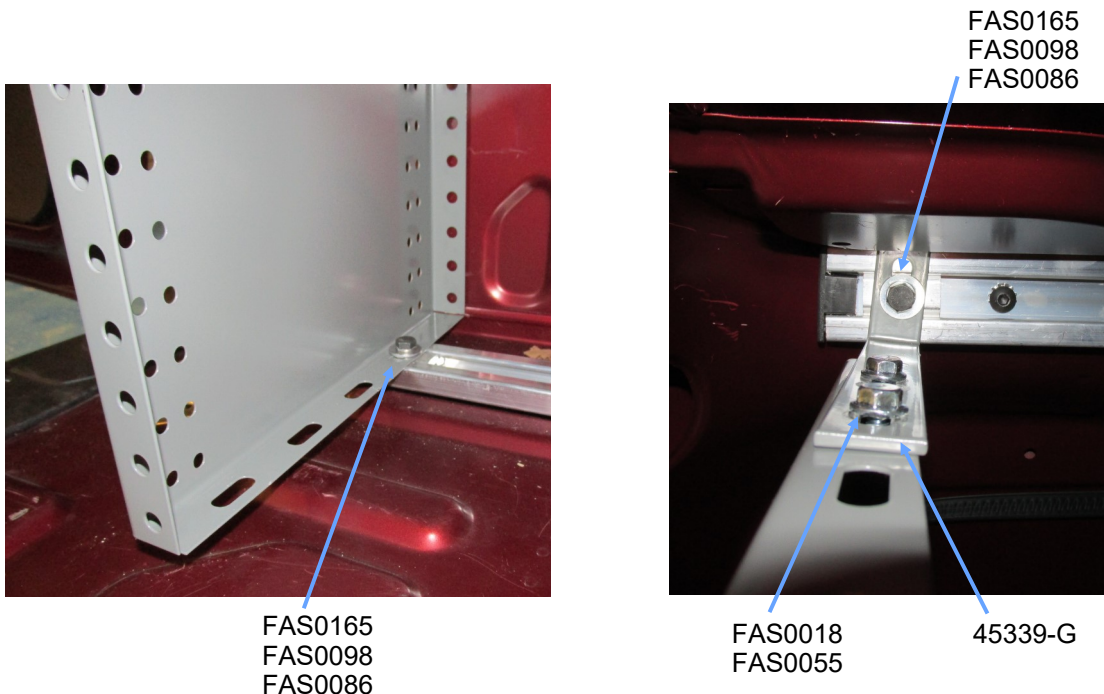




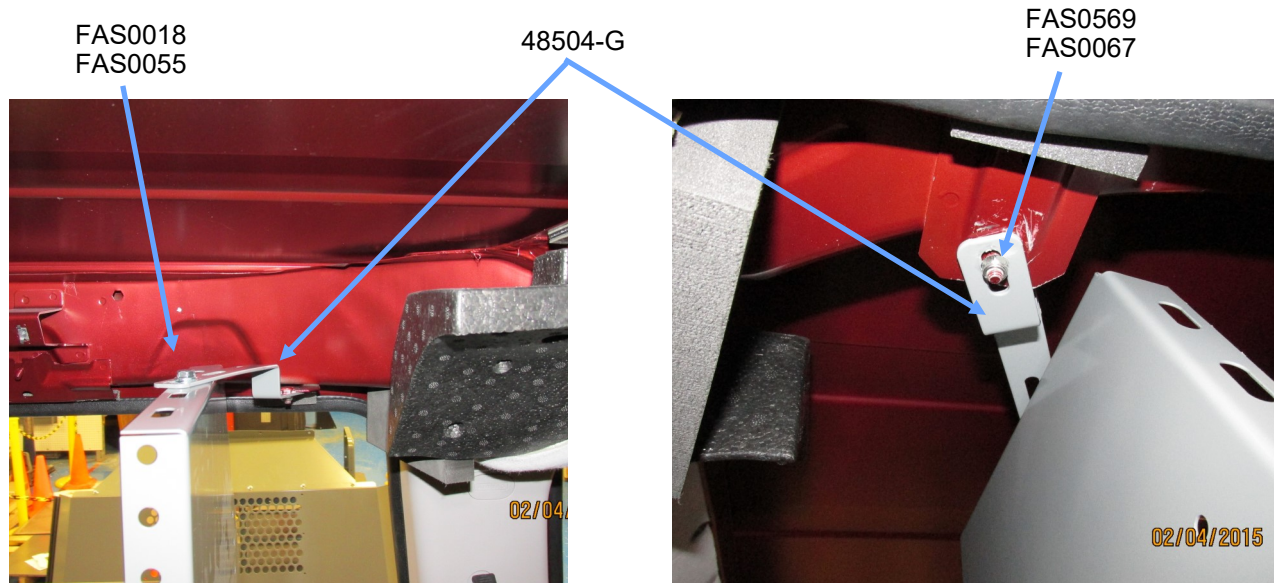
**Step 03** Install lower (35325-G or 44823-G) and upper (35325-G or 44823-G) shelves. Shelves can be installed with lips up or lips down depending on application. Align rear weld stud pin into desired hole and secure using (2) FAS0061 per shelf.



**Step 04** Install complete assembled unit onto rail kit. Secure to rail using FAS0165, FAS0098 & FAS0086. Attach upper brackets 45339-G to top of end panel using (2) FAS0018 and (2) FAS0055 per end panel.

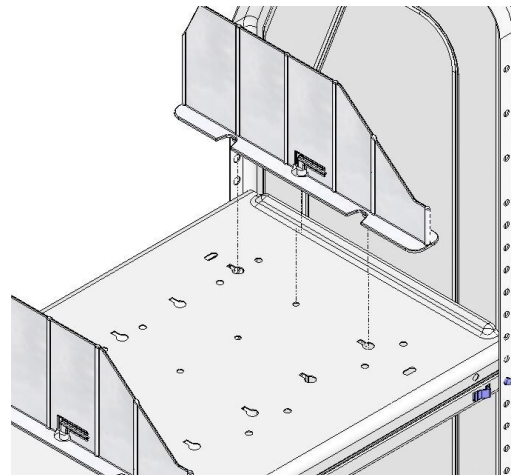
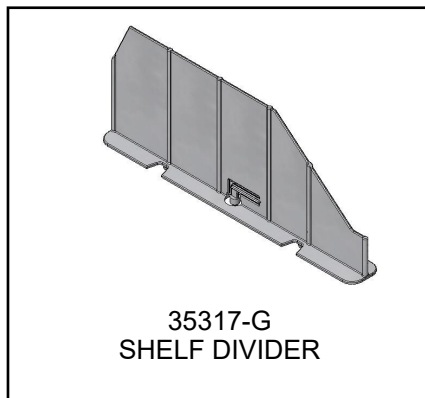


**Step 05** Install front upper mounting bracket (48504-G) for forward shelving units to top of end panel using one (1) FAS0018 and one (1) FAS0055. Secure opposing end of bracket to OEM threaded weld stud using one (1) FAS0569 M6x1 SS Nylock Nut and one (1) FAS0067 flat washer.



**Step**

**06 (Optional)** Install optional dividers, 35317-G, into slotted holes. Order dividers separately for each shelving unit.



To install dividers onto shelves, insert the (2) outside pins into the corresponding holes and slide back towards the rear of the shelving unit until the middle pin snaps into the middle hole. To remove the divider pull-up on the middle pin's tab and slide toward the front of the shelf.

**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL FASTENERS ARE TIGHTENED TO SPECIFICATIONS.**

**YOUR INSTALLATION IS NOW COMPLETE!  
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**

**Step 07 (Optional)** Install optional utility hooks into holes in designated area. Align with holes and secure using (2) FAS0061 and (2) FAS0055 per hole.

