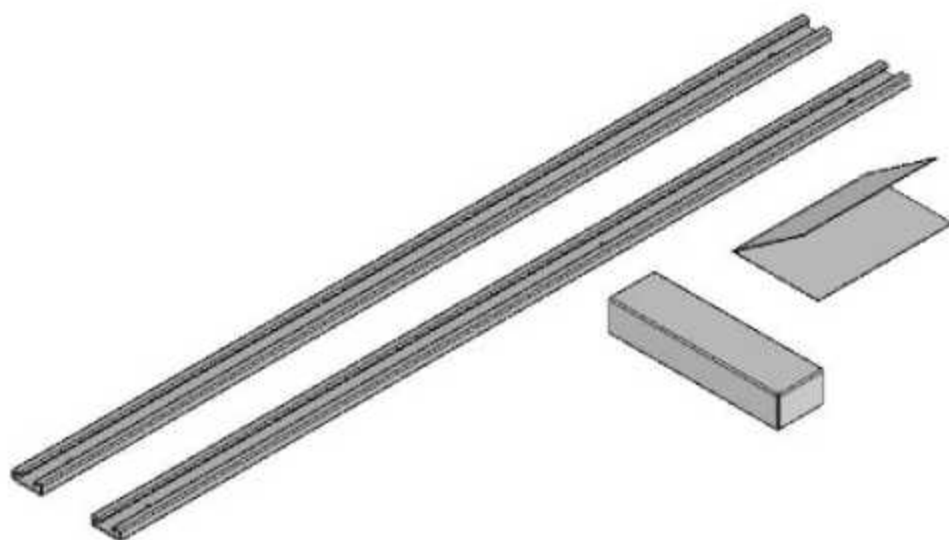


AD SERIES RAIL SYSTEM INSTALL INSTRUCTIONS



39508
GM FULL SIZE VAN CURBSIDE ONLY

BEFORE YOU START!

IMPORTANT INSTALLATION STEPS ARE DENOTED USING A STOP SIGN. THESE STEPS MUST BE PERFORMED AS SPECIFIED IN ORDER TO ENSURE A PROPER INSTALLATION AND MUST BE FOLLOWED IN ORDER TO MAINTAIN YOUR PRODUCT WARRANTY!



CRITICAL INFORMATION PERTAINING TO USER AND/OR VEHICLE SAFETY IS DENOTED USING A CAUTION SIGN. SAFETY ITEMS MUST BE STRICTLY ADHERED TO IN ORDER TO ENSURE A SAFE WORKING ENVIRONMENT!



YOU WILL NEED THE FOLLOWING TOOLS IN ORDER TO COMPLETE THIS JOB.

3/16 ALLEN	9/16" OPEN END WRENCH FOR SETTING PLUSNUTS, DRILL MOTOR, 1/2" DRILL BIT WITH 1/2" DEEP STOP
1/2" OPEN END WRENCH	RATCHET WRENCH, WITH 1/2" SOCKET

ALL FASTENERS USED IN THE ASSEMBLY AND INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE SPECIFIED TORQUE AS LISTED WITH EACH FASTENER CALLOUT BOX.



THE USE OF AIR OR ELECTRIC IMPACT TOOLS FOR THE ASSEMBLY OF FASTENERS IS NOT RECOMMENDED AND COULD CAUSE FASTENER FAILURE!



WARNING



THE USE OF DRILLS WITH INTEGRAL DRILL STOPS ALONG WITH PROPER INSPECTION FOR GAS TANK, GAS LINES, BRAKE LINES AND ELECTRICAL LINES PRIOR TO DRILLING ANY MOUNTING HOLES IS STRONGLY RECOMMENDED TO ENSURE THAT VEHICLE DAMAGE IS AVOIDED!



THE USE OF NON-STANDARD FASTENERS AND/OR DEVIATING FROM THE FASTENERS SPECIFIED IN THE INSTRUCTION (S) MAY VOID YOUR PRODUCT WARRANTY!

ALL DRILLED HOLES IN THE VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE!



**TO PREVENT EXHAUST FUMES FROM ENTERING THE VEHICLE,
ALL HOLES SHOULD BE SEALED AT INSTALLATION WITH
BUTYL OR SILICON SEALANT MATERIAL.**



Whenever a plusnut is specified it is important that the proper size installation hole is provided.

PLUSNUT SIZE	DRILL SIZE <i>(with stop)</i>
5/16-18 PLUSNUT, FAS0091 	1/2" DIAMETER

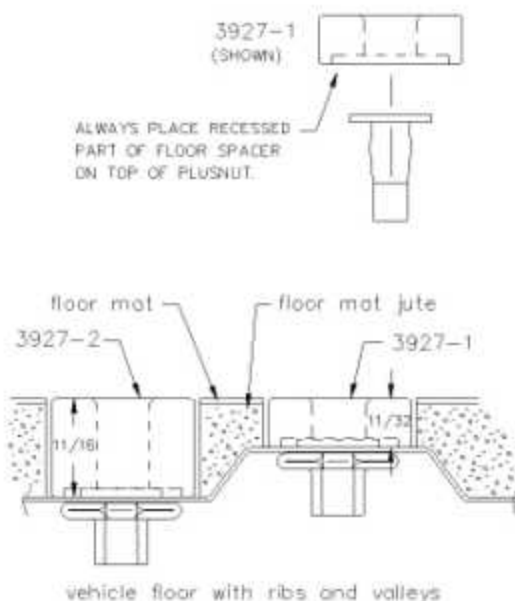
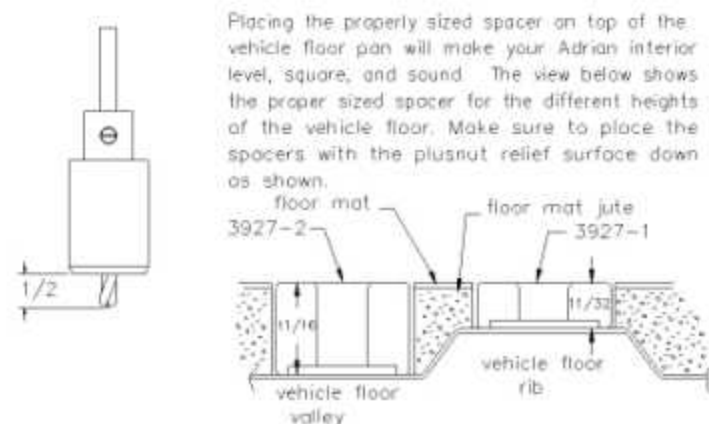
FOR MOUNTING THROUGH A FLOOR MAT AND/OR CARPET

Position each item in desired location inside the vehicle and mark the floor mounting locations.

It is recommended that a drilling template be used to ensure an accurate placement of components is achieved for this installation.

Using the cutting tool, drill a pilot hole thru the mat/carpet and metal floor pan.

Spacer Use and Installation



The location of various floor mounts will determine what spacer combination will be used. For example, an 11/32" spacer is used atop floor ribs, and an 11/16" high spacer is used atop floor valleys.



**THE PROPER USE OF SPACERS IS REQUIRED WHEN MOUNTING
OVER MAT/CARPET TO ENSURE THE METAL-TO-METAL CLAMP-
UP, WHICH WILL PREVENT UNWANTED COMPONENT SHIFTING
AND POTENTIAL FAILURE DURING USE.**



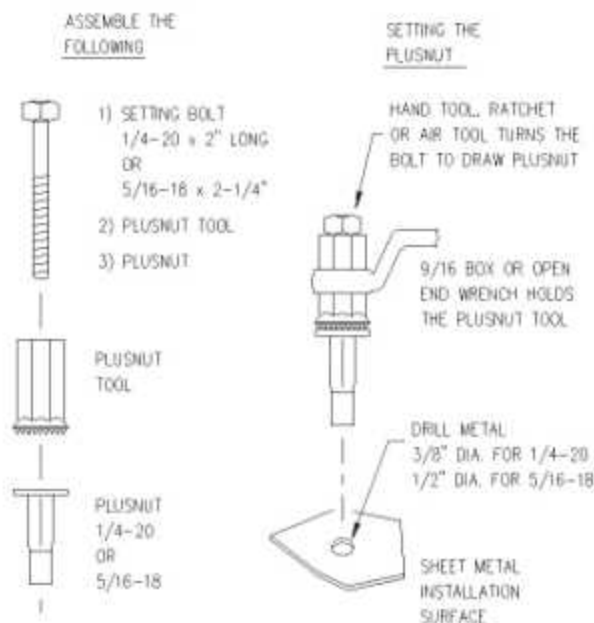
STEP - 01

VEHICLE PREPARATION, FLOOR MOUNTING LOCATIONS

 <p>03927-1 11/32 C/F 1006 SPACER (2) REQUIRED ONLY WHEN OEM MAT IS USED</p>	 <p>FAS0091 5/16" PLUSNUT (4) REQUIRED</p>	 <p>22200-0 PLUSNUT TOOL</p> <p>NOTE: PLUSNUT TOOL NOT SUPPLIED WITH THIS KIT. ORDER PLUSNUT TOOLS FROM ADRIAN STEEL OR USE INSTALLATION TOOLKIT 31291-0</p>
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Using 1/2" drill bit with drill stop
drill holes at the marks you made in
the van floor from previous page.

Clean up debris from drilling and
install a 5/16" plus nut into each
hole and set the plusnut as shown
in illustration.



STEP - 02

INSTALL CRUBSIDE FLOOR RAIL

 <p>FAS0091 5/16" PLUSNUT (2) REQUIRED</p>	 <p>36499-0 50" RAIL LWB (1) REQUIRED</p>	 <p>FAS0708 5/16-18 X1.25 SHCS (2) REQUIRED TORQUE 17ft lbs.</p>	 <p>FAS0085 5/16 EXT TOOTH WASHER (2) REQUIRED</p>	 <p>03927-1 11/32 C/F 1006 SPACER (2) REQUIRED ONLY WHEN OEM MAT IS USED</p>
 <p>35335-0 SLIDE (2) REQUIRED</p>		 <p>36496-0 END CAP (2) REQUIRED</p>		

- Slide rail so that it contacts wheel well as shown below. Measure 3.125" from the back end of the rail to the plastic trim as shown.



- Measure in the rear 11.25" to wall from outside edge of rail. Measure in the front 8.25" to wall from outside of rail as shown.



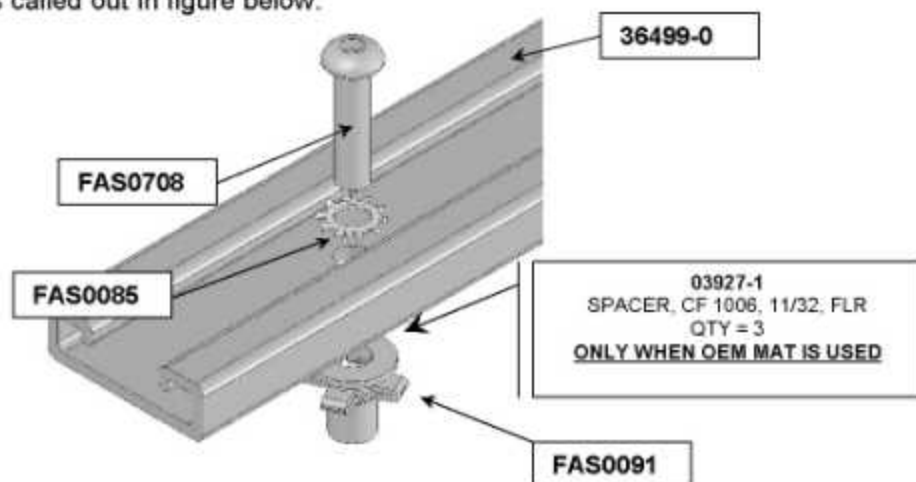
STEP - 02

INSTALL CURBSIDE FLOOR RAIL CONTINUED

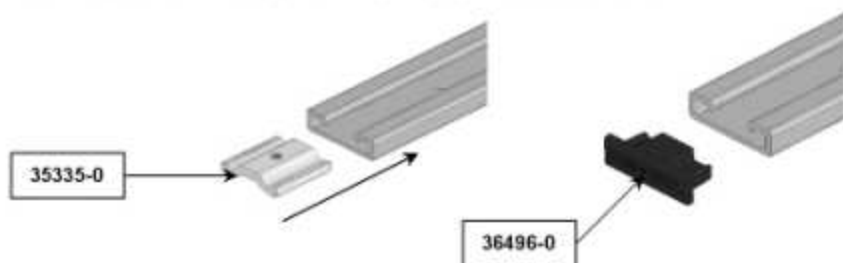
3. Mark (2) holes, one at each end. Remove rail. Drill and set plusnuts.



4. Install rail using fasteners called out in figure below.



5. Insert (2) slides and (2) end caps (1) per end into rail.



STEP - 04 INSTALL CURBSIDE UPPER RAIL

 FAS0091 5/16" PLUSNUT (2) REQUIRED	 36499-0 50" RAIL LWB (1) REQUIRED	 FAS0708 5/16-18 X 1.25 (2) REQUIRED TORQUE 17ft lbs.	 FAS0085 5/16 EXT TOOTH WASHER (5) REQUIRED	 FAS0093 5/16-18 X 1.25 (2) REQUIRED TORQUE 17ft lbs.	 FAS0086 5/16 WASHER (3) REQUIRED	 36503-0 RETAINER BAR (1) REQUIRED
 36500-0 MOUNTING BRACKET (1) REQUIRED	 03961-1 MOUNTING BRACKET (1) REQUIRED	 35335-0 SLIDE (3) REQUIRED	 FAS0165 5/16-18 X .625 (2) REQUIRED TORQUE 12ft lbs.	 FAS0135 5/16-18 NUT (1) REQUIRED		

1. Locate hex hole in upper rear corner by removing wire holder. Drill and set plusnut. On rear side of the C-pillar measure up 44" from the top of the floor rail mark and drill for plusnut. Install plusnut as shown below

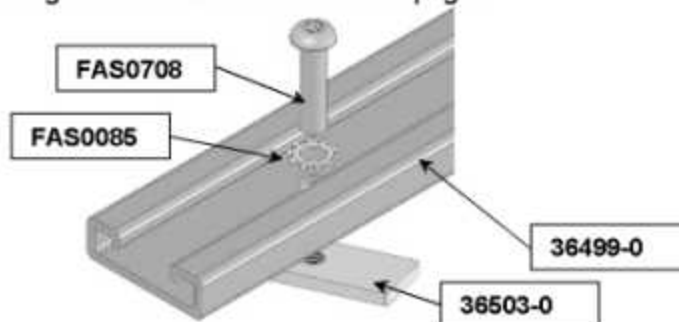


Picture used for reference only

2. Position retainer bar behind the rail and align with the hole called out below.



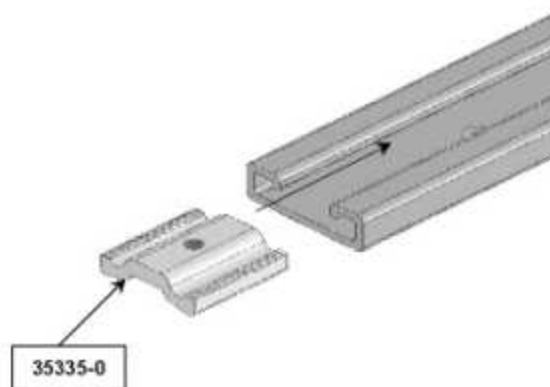
3. Install retainer bar to the rail using fasteners called out on next page.



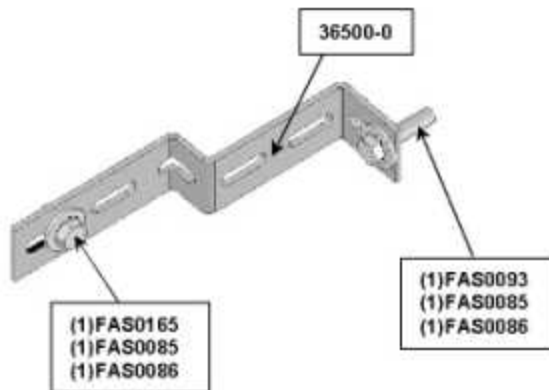
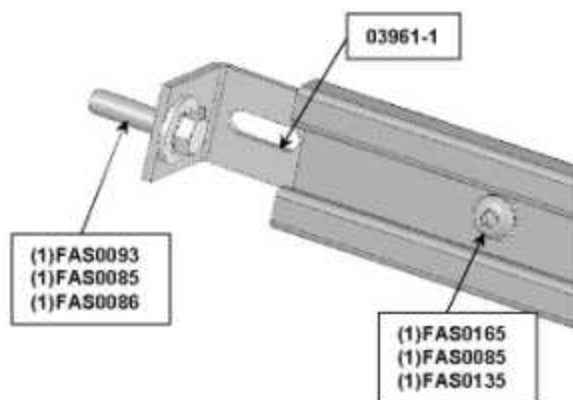
STEP - 04

INSTALL CURBSIDE UPPER RAIL CONTINUED

4. Install rail onto curbside of van by placing retainer bar into upper slot in rib. Measure 44" to the center of the upper rail from the top of the floor rail in both the front and the rear. Tighten the (1) retainer bar fastener down checking the 44" measurement. The rail may need to be repositioned to be able to fasten the shelving unit to the upper rail. Insert (3) slides into rail.



5. Install Front and rear brackets as shown below. The front bracket is attached to the rail with nut and bolt. Secure O.E.M. harness to the bracket with a wire tie at the wire holder.



STOP

**DOUBLE-CHECK ALL FASTENER LOCATIONS TO BE
SURE THAT ALL FASTENERS ARE TIGHTENED TO
SPECIFICATIONS!**

STOP

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