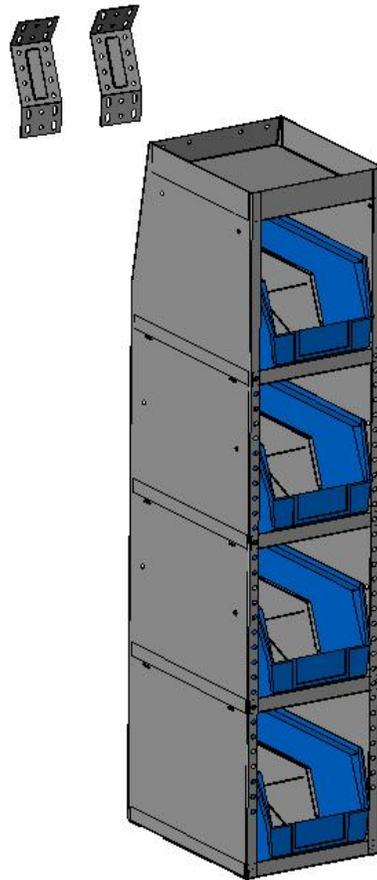


# SHELF/RACK WITH BINS INSTALLATION INSTRUCTIONS

ECN-13014 DATE: 5-25-10 DWG.BY: BTS REV.BY: \_\_\_\_\_ CHK.BY: \_\_\_\_\_ ISSUE: A P.N.: 39371-0



## 33WB SHELF/RACK WITH BINS ALSO 33W (WITHOUT BINS)

## 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 ENVIROMENT!**



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

#3 PHILLIPS SCREWDRIVER	9/16" OPEN END WRENCH FOR SETTING PLUSNUTS, DRILL MOTOR, 3/8" DRILL BIT WITH 1/2" DEEP STOP
WRENCHES	RATCHET WRENCH, WITH 7/16" & 1/2" SOCKET TORQUE WRENCH

**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!**

# Welded Shelf Unit Assembly/Install

**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>
1/4-20 PLUSNUT, FAS0052		3/8" DIAMETER
5/16-18 PLUSNUT, FAS0091		1/2" DIAMETER

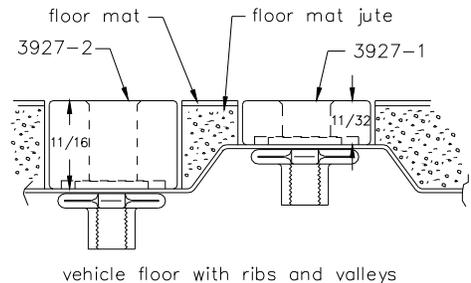
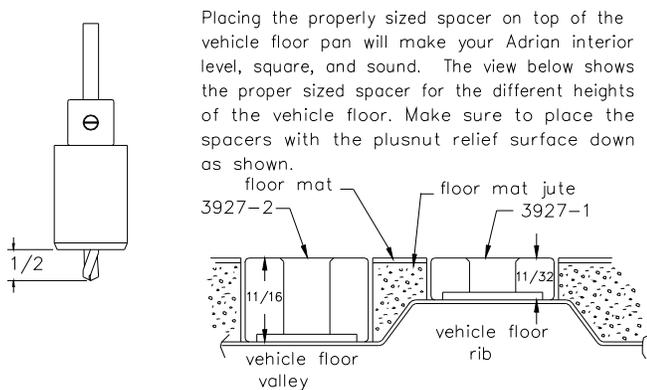
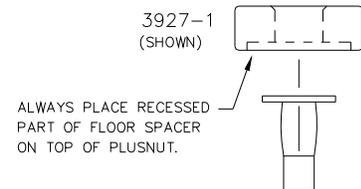
## FOR MOUNTING THROUGH A FLOOR MAT AND/OR CARPET

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.**

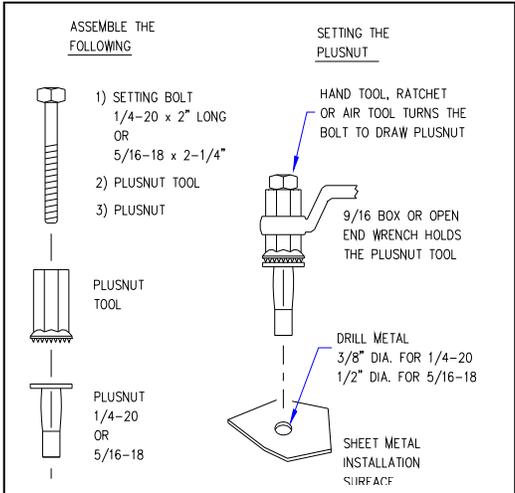


## DRILLING AND SETTING PLUSNUT

**Floor locations** use the cutting tool to drill a pilot hole thru the mat/carpet and metal floor pan.

**Floor and header rail locations:** Use 3/8" drill bit with stop for header rail. Use 1/2" drill bit with stop for floor locations.

Clean up debris from drilling and coat the raw metal edges of all drilled holes with a self-etching primer. Install plusnuts.

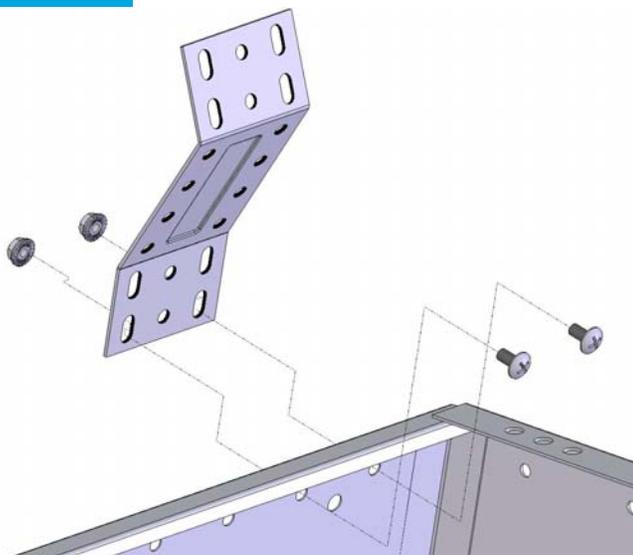


### STEP - 01

### MOUNT BRACKET ONTO SHELF UNIT

 <p><b>08308-1</b> MB111 MOUNT BRKT WO/FAS (2) REQ'D.</p>	 <p><b>FAS0061</b> SCREW, THP 1/4-20X.50 TORQUE 8 ft. lbs. (4) REQ'D.</p>	 <p><b>FAS0055</b> NUT, HEX FLANGE 1/4-20 (4) REQ'D</p>
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Install (2) 08308-1 to the shelf unit as shown below. Do not completely tighten to shelf for adjustment to get good location on header rail. The brackets can be moved to avoid obstacles.



**STEP - 02**

**DRILLING VEHICLE FOR INSTALL OF UNIT TO INTO VEHICLE**

**FASTENERS NEEDED FOR HEADER RAIL**

 <b>FAS0078</b> <b>SCREW, HEX HEAD</b> <b>1/4-20 X 1"</b> <b>TORQUE 12 ft. lbs.</b>	 <b>FAS0060</b> <b>WASHER, LOCK,</b> <b>SPLIT 1/4"</b>	 <b>FAS0067</b> <b>WASHER, FLAT</b> <b>1/4"</b>	 <b>FAS0052</b> <b>1/4-20 PLUSNUT</b>
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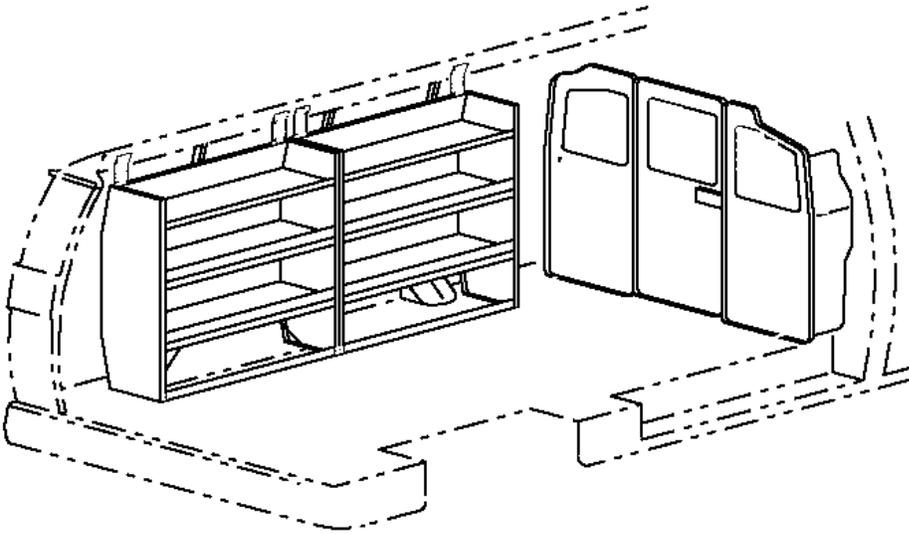
**FASTENERS NEEDED FOR FLOOR**

 <b>03927-1</b> <b>11/32 C/F 1006</b> <b>SPACER</b>	 <b>03927-2</b> <b>11/16 C/F 1006</b> <b>SPACER</b>
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**SPACERS ARE USED TO CREATE A LEVEL, AND SOLID INSTALLATION.  
(REFER TO PAGE 3 FOR SPACER APPLICATION)**

 <b>FAS0092</b> <b>SCREW, HEX HEAD</b> <b>5/16-18 X 1.5"</b> <b>TORQUE 12 ft. lbs.</b>	 <b>FAS0098</b> <b>WASHER, LOCK,</b> <b>SPLIT 5/16"</b>	 <b>FAS0086</b> <b>WASHER, FLAT</b> <b>5/16"</b>	 <b>FAS0091</b> <b>5/16-18 PLUSNUT</b>
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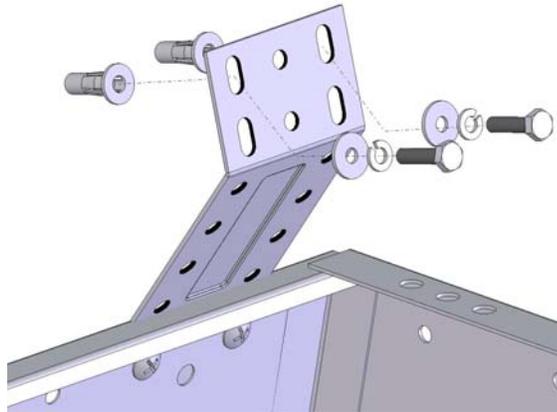
**Position welded unit(s) in desired position. Be careful not to position header brackets over holes or other header rail obstacles. Mark all header and floor mounting positions. Remove welded units. Drill all marked mounting positions with correctly sized drill bit with stop. (Picture for reference only)**



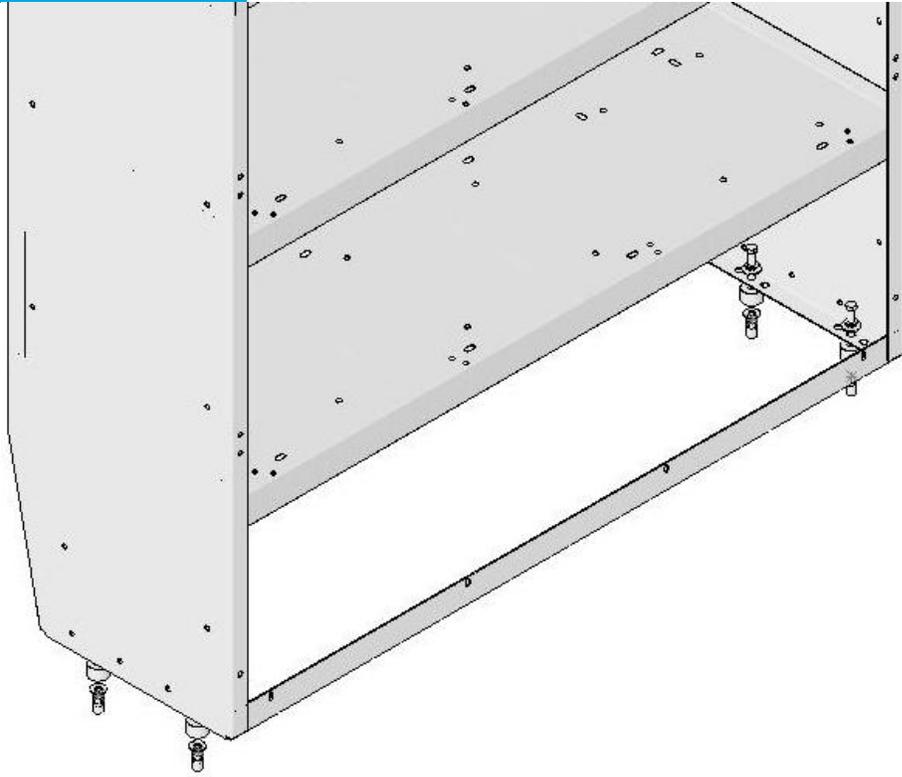
**STEP – 02 cont**

## MOUNTING SHELF UNIT INTO VEHICLE

Install (2) bolts per header bracket as shown below. (Picture for reference only)



Install two (2) bolts per side as shown below. (Image below is for reference only). 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 in floor valleys.



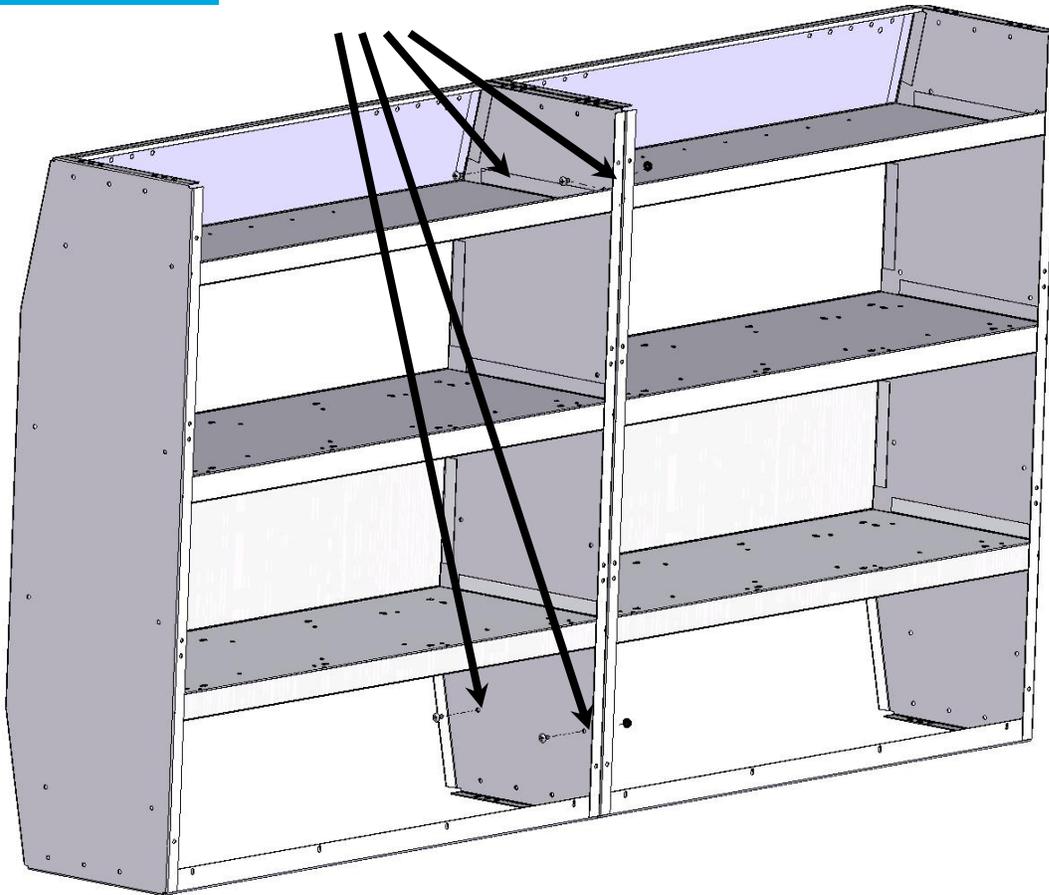
**STEP – 3**

**WHEN JOINING TWO SHELF UNITS TOGETHER FOLLOW THE INSTRUCTIONS BELOW.** (Picture for reference only)

**FASTENERS SHOWN BELOW ARE USED IN JOINING TO SHELF UNITS TOGTHOR.**

 <p><b>FAS0061</b>                  SCREW,THP 1/4-20X.50 P/G5                  TORQUE 8 ft. lbs.                  (4) REQ'D.</p>	 <p><b>FAS0055</b>                  NUT,HEX FLANGE                  1/4-20                  (4) REQ,D</p>
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## Welded Shelf Unit Assembly/Install



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



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