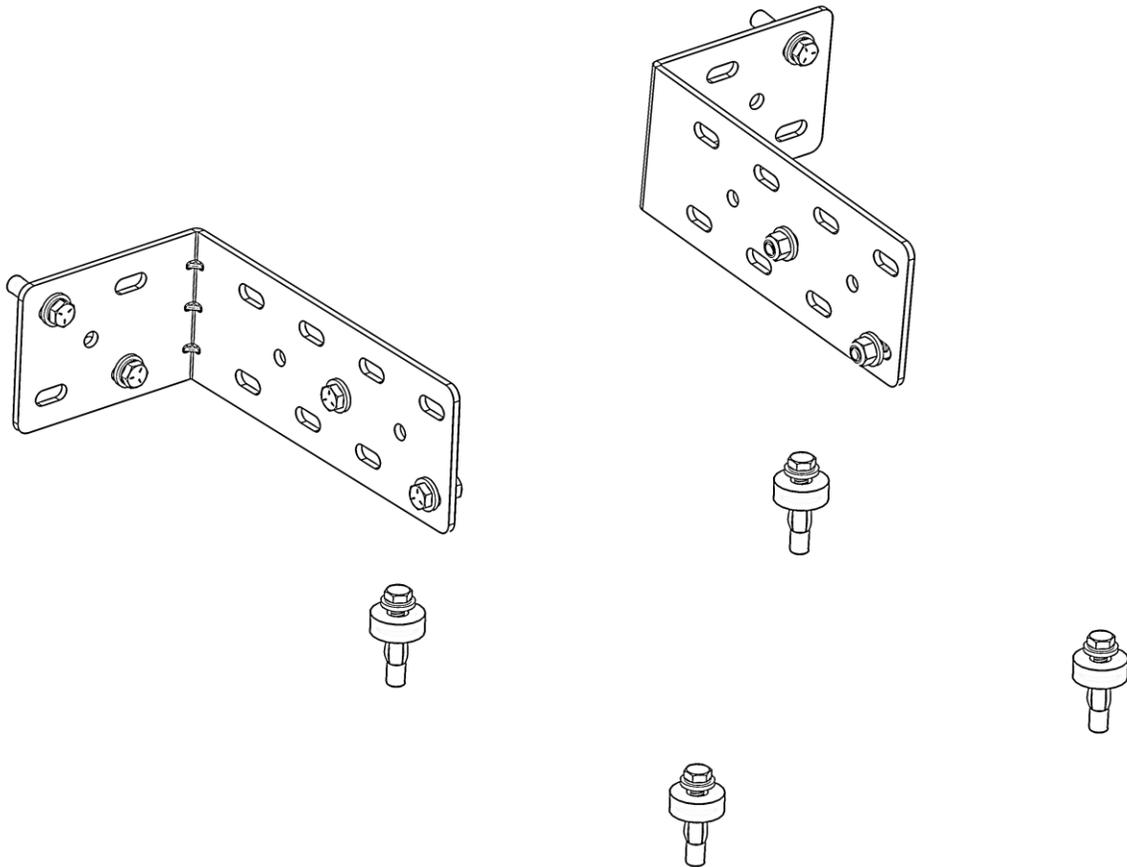


Holman

Installation Guide 4869



Holman
Rancho Cordova, CA 95742
800-343-7486
InstallationSupport@Holman.com

PLEASE READ ALL INSTRUCTIONS AND WARNINGS PRIOR TO ASSEMBLING, INSTALLING, AND USING THIS PRODUCT.

Warning



Always check for wires, fuel tanks and lines, brake lines and other important vehicle functionality items prior to drilling and installing all products.

Tools Needed

1/4", 25/64" Drill Bits	7/16", 9/16" Wrenches and Sockets
Drill Bit Stop Collar	1" Hole-Saw (Optional)
Plus Nut Installation Tool (P9902)*	

** Sold Separately.*

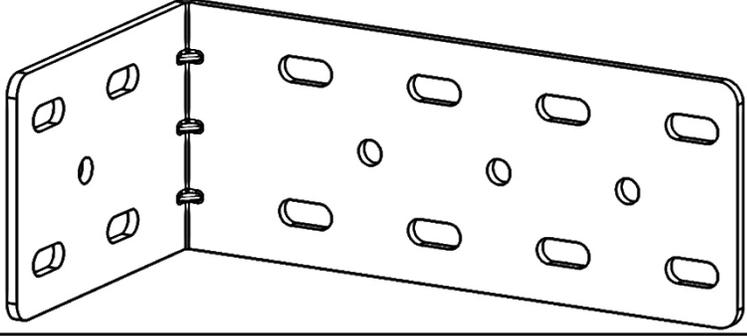
Table of Contents

Before You Begin.....	1
Parts	2
Hardware	2
Step 1 – Place Shelf into Van	3
Step 2 – Prepare for Installation	4
Step 3 – Install Plus Nuts.....	5
Step 4 – Install Mid-Mount to Shelf	7

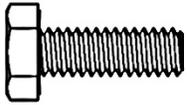
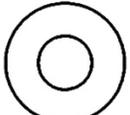
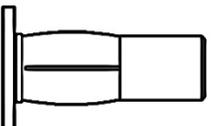
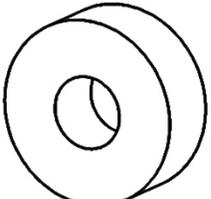
Before You Begin

- Read all instructions prior to installing.
- Be sure to locate ALL mounting locations prior to drilling. Read all instructions to determine the correct mounting locations.
- Instructions shown using a 42" wide shelf. Instructions are the same no matter the shelf width.
- **Ensure it is safe to drill prior to drilling anywhere on vehicle. USE A DRILL STOP.**
- **When installing, LIFT, DO NOT DRAG shelf to position.**

Parts

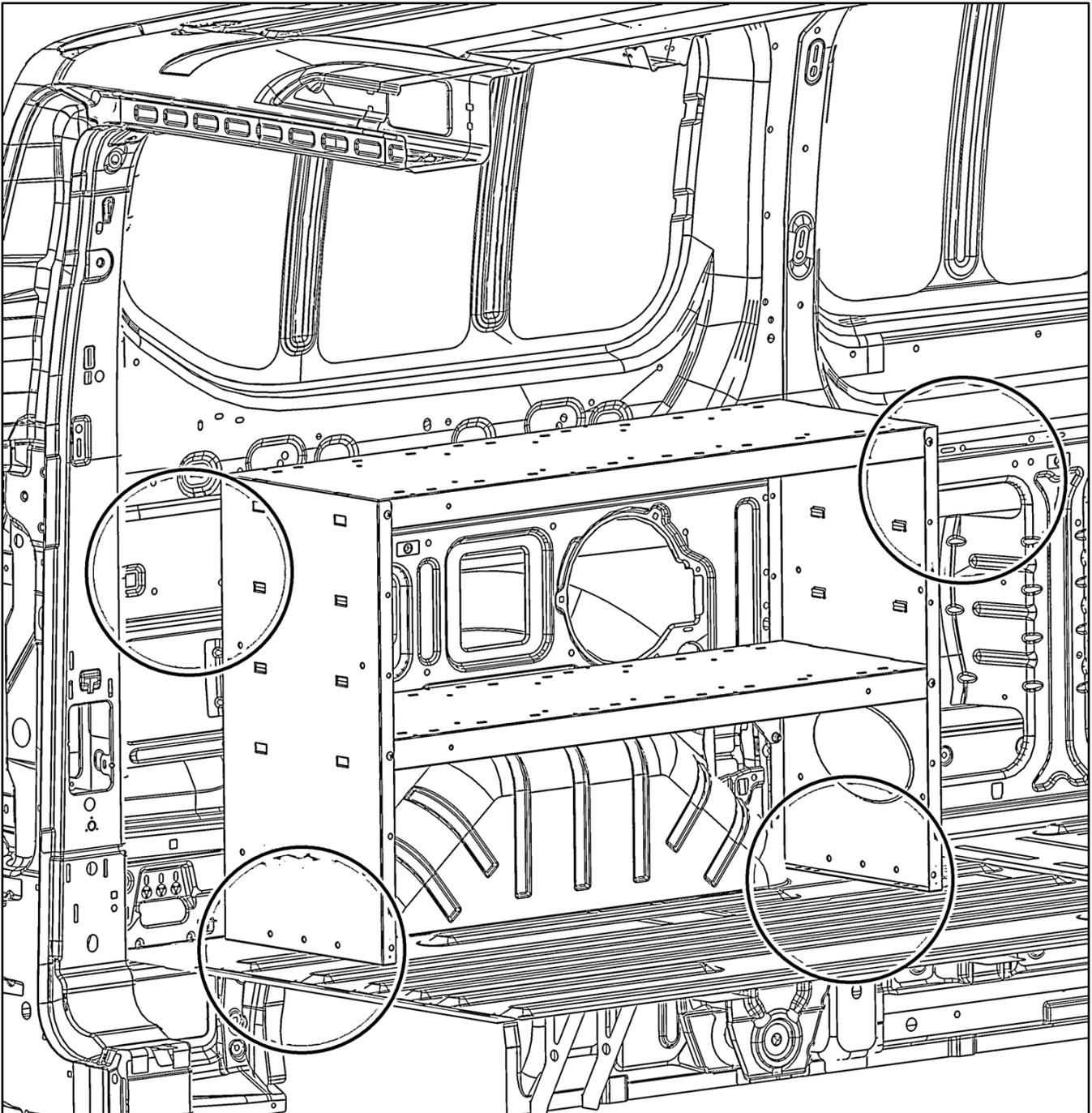
ITEM		PART NUMBER	DESCRIPTION	QTY.
A		4861-10-003	Knock Down Mid Mount	2
		18-4869	Hardware Kit	1

Hardware

ITEM	HARDWARE TO SCALE	PART NO.	DESCRIPTION	QTY.
1		11241167	1/4"-20 X1-1/4" HEX BOLT	4
2		11241345	1/4"-20 X 3/4" HEX HEAD BOLT	8
3		11541082	1/4"-20 LOCKING WASHER	8
4		11541082	1/4" FLAT WASHER	16
5		0169789	1/4"-20 NYLON INSERT LOCK NUT	4
6		97217A393	1/4"-20 PLUS NUT	8
7			NYLON SPACER	4

Step 1 – Place Shelf into Van

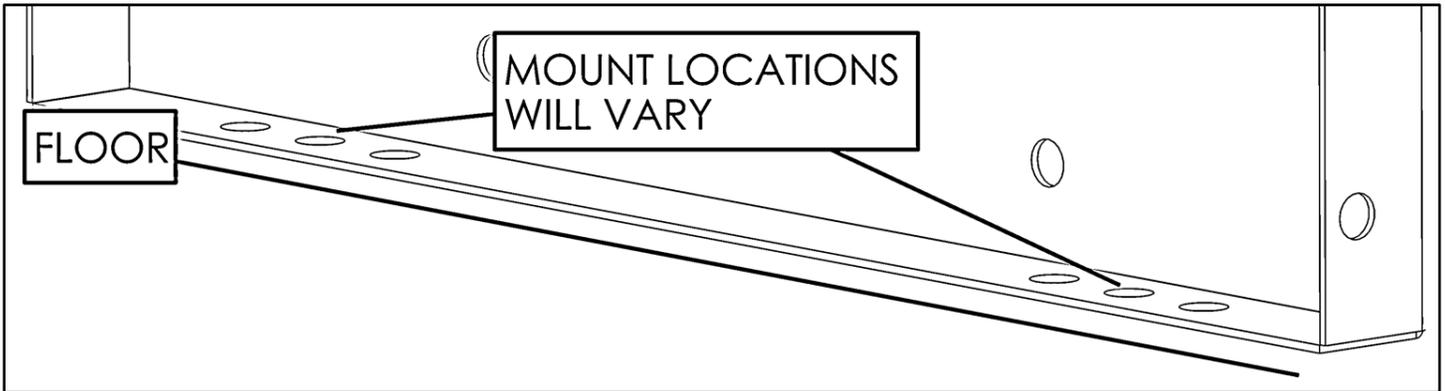
- Place the shelf unit into the vehicle in the desired location.
- Floor spacers are provided if the desired location has a ribbed floor.
- A total of four mounting locations are desired. Two in the floor and two in the side of the vehicle. See the picture below for the suggested mounting locations.
- When mounting to the inside walls of the vehicle, place shelf in desired position and make sure the mounting brackets can be correctly installed at that location.



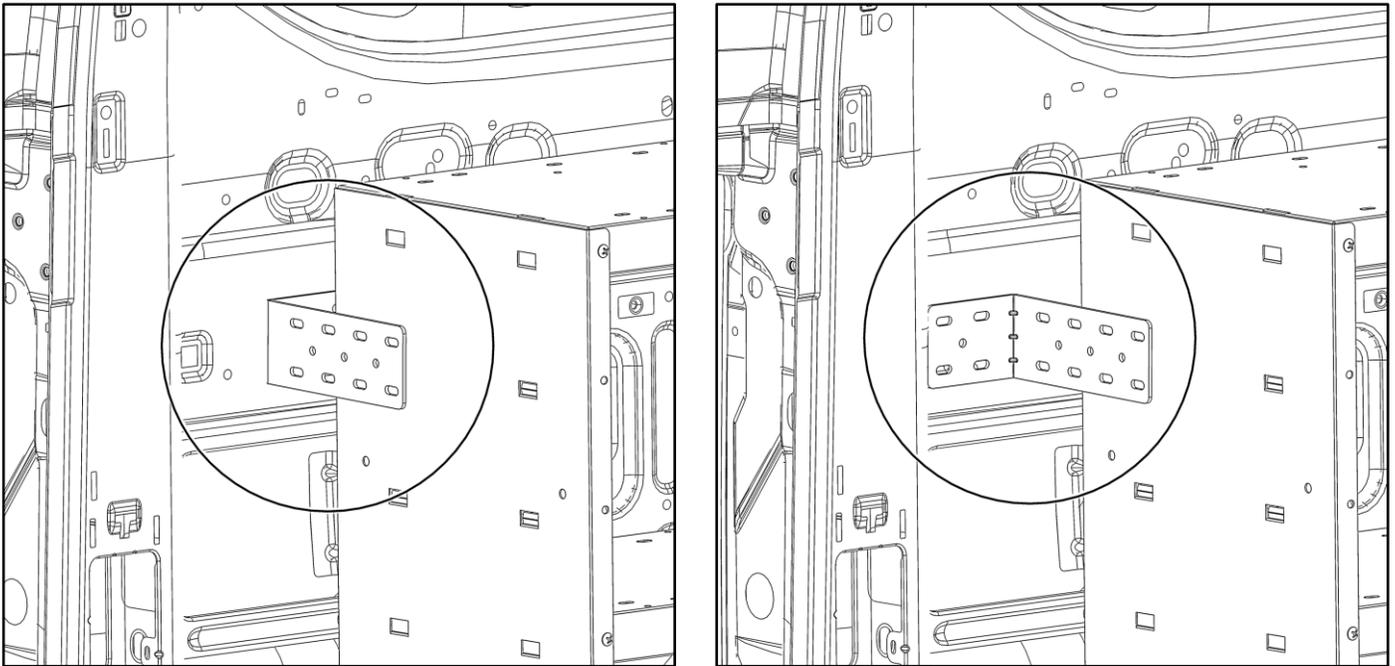
Step 2 – Prepare for Installation

- Position so the bottom of the shelf side panel can best be mounted to the floor.
- Mark through the bottom of the shelf side panels at the best two locations onto the floor.
- Repeat at each shelf side panel.

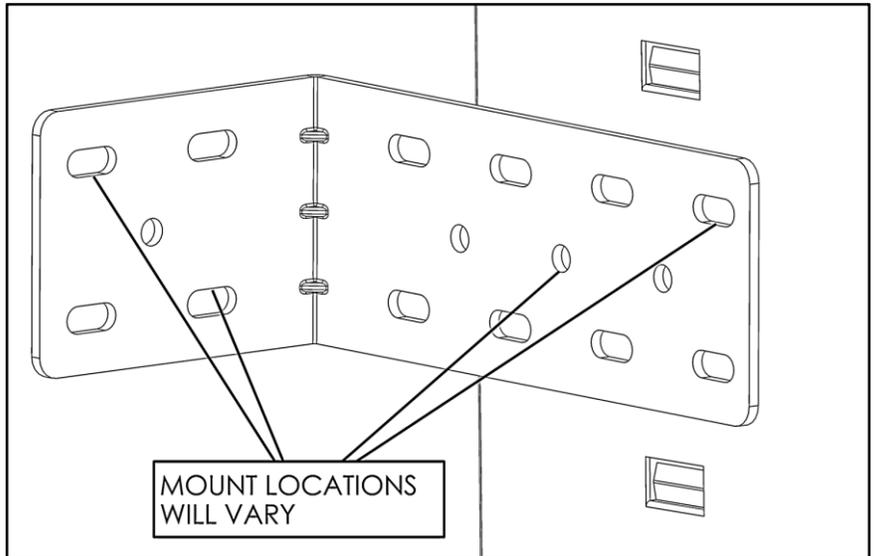
NOTE: Mount locations may vary depending on location of installation.



- Place the mounting bracket in either orientation to allow for a rigid installation location.



- Mark through the mounting bracket onto the sides of the vehicle in a safe location.
- Mark through the mounting bracket onto the shelf unit in the desired locations. Be sure when marking on the shelf unit, the holes do not hit a shelf.



NOTE: Orientation of the mounting bracket may vary depending on location of installation.

- Remove the shelf.

Step 3 – Install Plus Nuts

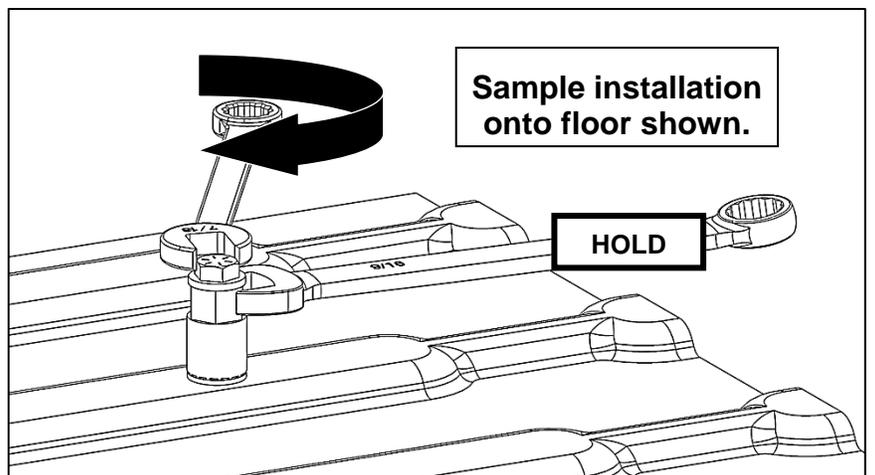
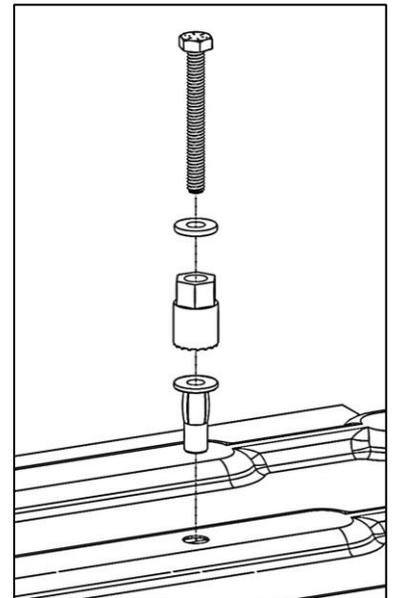


DO NOT drill beyond depth of floor or upper installation surface. Always check for wires, fuel tanks and lines, brake lines and other important vehicle functionality items prior to drilling and installing all products.

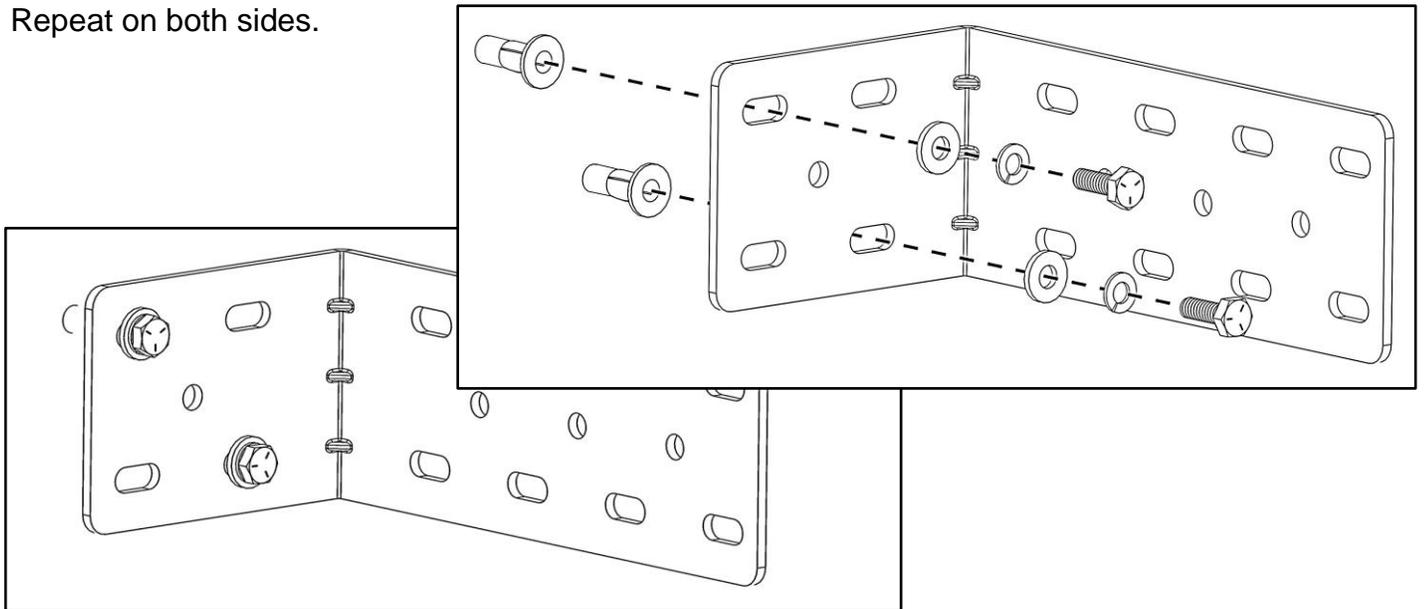


Use a drill stop to avoid unnecessary damage.

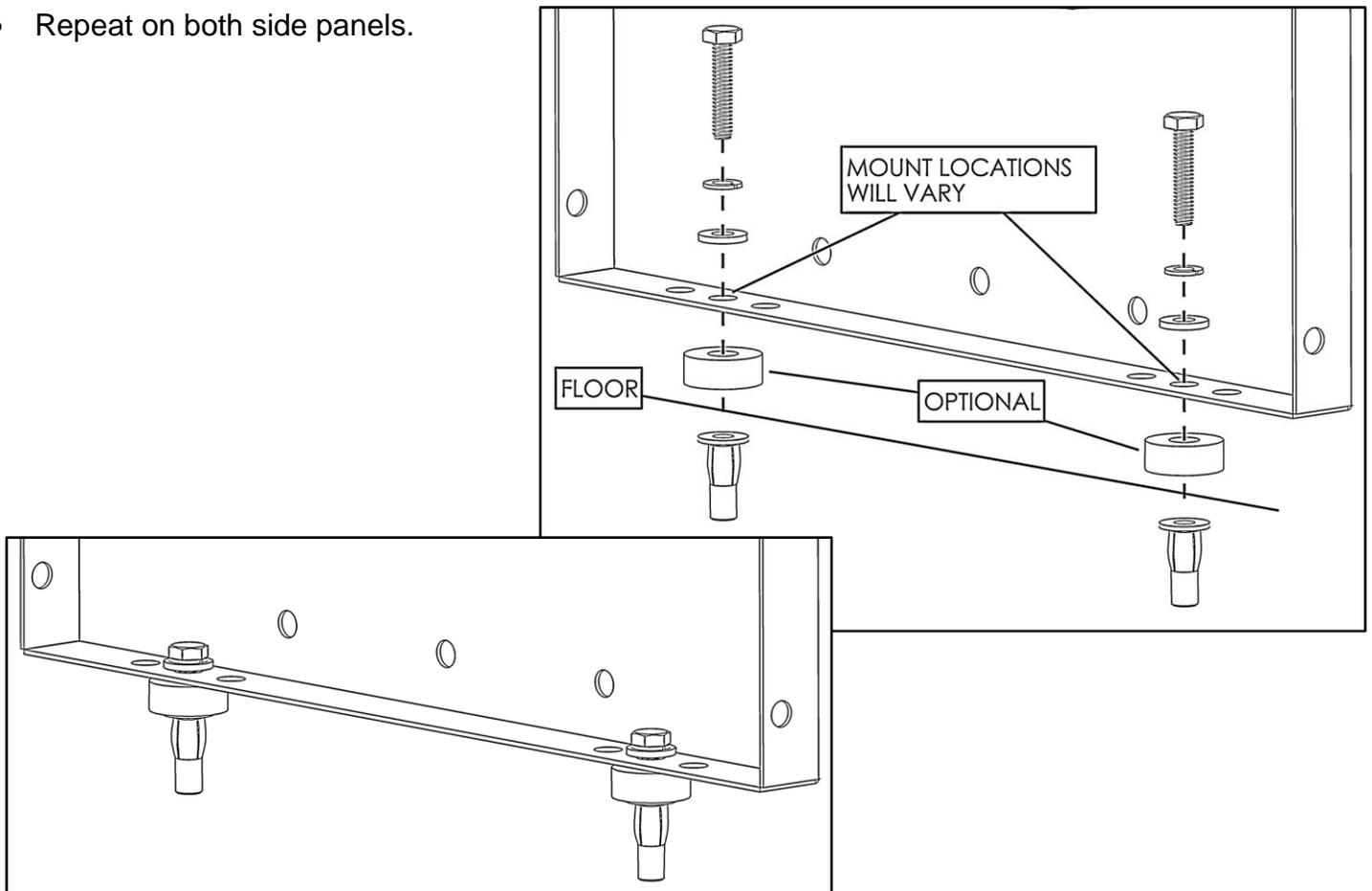
- If a floor mat is installed at the desired mounting locations, use a 1" hole-saw to expose the metal floor.
- At each marked location, drill hole using 25/64" drill bit and appropriate sized drill-bit stop collar. If 25/64" drill bit is not available, a 3/8" drill bit can be used, although it may be necessary to tap in the plus nuts.
- Insert 1/4" x 2-1/4" hex head bolt through 1/4" flat washer and plus nut installation tool, and then screw bolt into plus nut. Knurled end of plus nut tool must be directed away from bolt head and contacting plus nut.
- Insert plus nut into hole with plus nut tool attached.
- Using the 9/16" box wrench, hold the plus nut tool stationary and then tighten hex head bolt until plus nut is tightly gripping and does not spin when hex bolt is loosened.
- DO NOT overtighten plus nut.
- Using the 9/16" box wrench, hold the plus nut tool stationary to remove the 1/4" hex head bolt.



- Place the shelf unit back into the vehicle and align with previously installed plus nuts on the floor.
- Place the mounting bracket against shelf and previously installed plus nuts on inside of vehicle.
- Bolt the mounting brackets into the plus nuts using 1/4" x 3/4" hex head bolts, 1/4" lock washers and 1/4" flat washers as shown.
- Repeat on both sides.

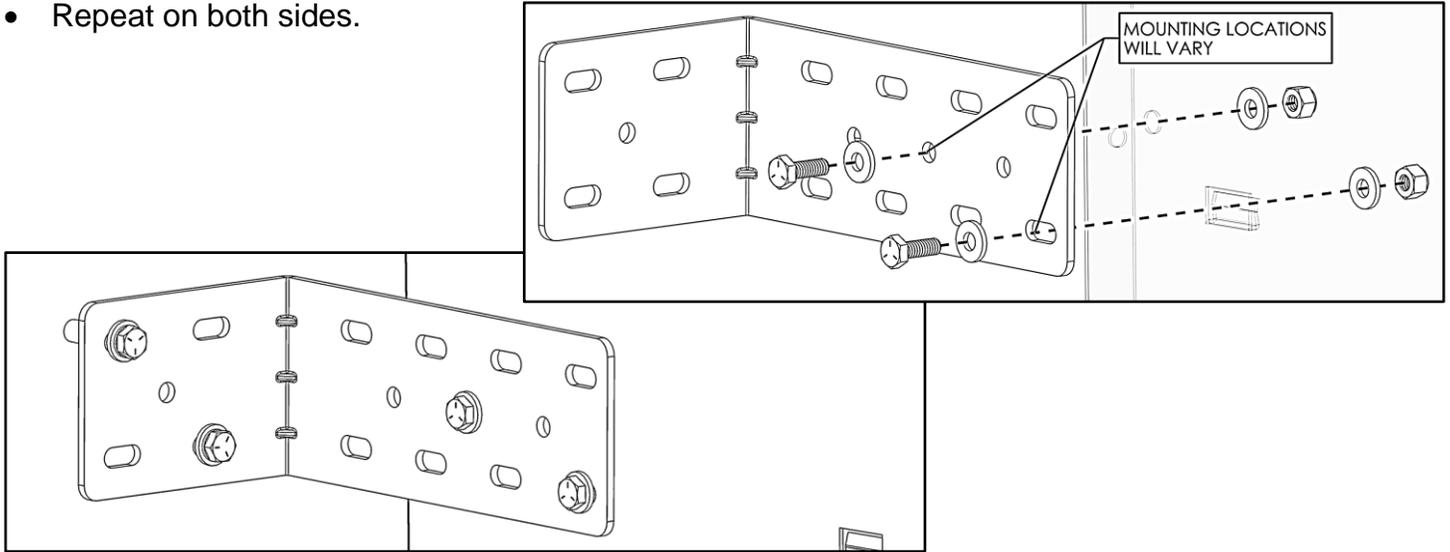


- Bolt the shelf into the plus nuts in the floor using 1/4" x 1-1/4" hex head bolts, 1/4" split lock washers and 1/4" flat washers. Use the floor spacers if needed.
- Repeat on both side panels.



Step 4 – Install Mid-Mount to Shelf

- Drill through the desired locations in the mounting bracket and into the shelf side panel using a 1/4" drill. Be sure not to drill where a shelf is installed.
- Attach the mounting brackets to the shelf using 1/4" x 3/4" hex head bolts, 1/4" flat washers, and 1/4" lock nuts.
- Holes in the shelf side will vary in order to accommodate all the different installation locations.
- Repeat on both sides.



Ensure all hardware is TIGHT.

Installation is now complete.

