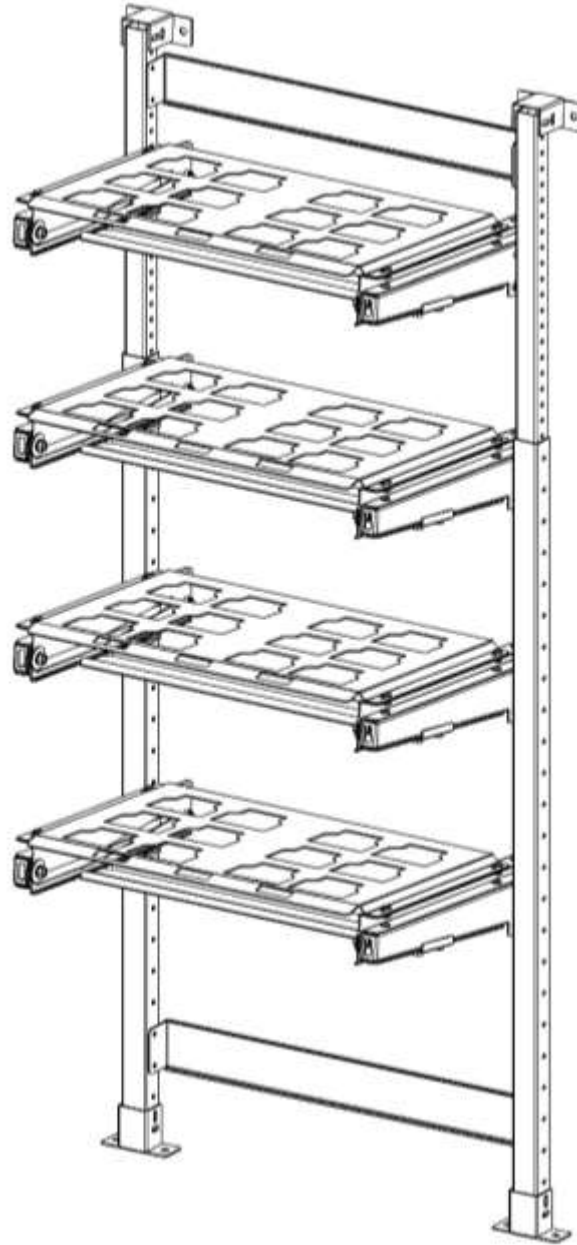


Holman

ProStow Installation Guide



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.



DO NOT EXCEED 50LBS PER SHELF WEIGHT CAPACITY.



Ensure all sliding shelves are closed while the vehicle is in motion. Secure all payloads properly for safe transportation.

Table of Contents

Tools Needed.....	2
Before You Begin.....	2
Parts Lists.....	2
Hardware Kits.....	4
Step 1 – Attach Mount Feet to Uprights.....	7
Inner Uprights.....	7
Outer Uprights.....	7
Step 2 – Assemble Uprights.....	8
Step 3 – Install Upright Supports.....	8
Upper Upright Support.....	8
Lower Upright Support.....	9
Step 4 – Install Shelf Brackets.....	9
Step 5 – Determine Install Location.....	10
Step 6 – Install Plus Nuts.....	10
Step 7 – Install Uprights in the Van.....	11
Step 8 – Install Slide Brackets.....	11
Step 9 – Install Undershelf Brackets.....	12
Step 10 – Install Mount Plates.....	12
Step 11 – Install Mid-shelf Mounting Brackets.....	13
Mount Plate Install Instructions (48258).....	14
Undershelf Bracket Instructions (48260/48261).....	15

Tools Needed

7/16" Socket and Wrench	7/16", 9/16" Box Wrench
25/64" Drill Bit	Drill
5/32" Allen Hex Wrench	Drill Bit Stop Collar
Plus Nut Installation Tool (P9902)*	



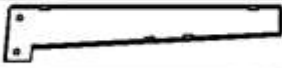
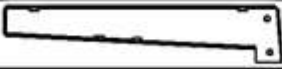



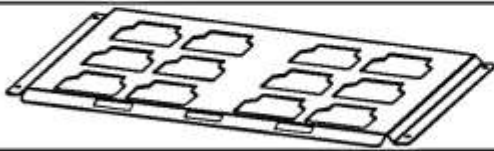
* Sold Separately.

Before You Begin

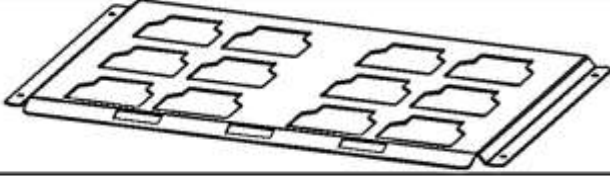
- Read all instructions prior to assembling or installing any Holman product.
- **Always locate your installation locations prior to performing any work.**
- **ENSURE SAFETY WHILE INSTALLING OR DRILLING INTO VEHICLE.**
- Plus Nut Installation Tool Kit (P9902) is not included and must be purchased separately.

Parts Lists

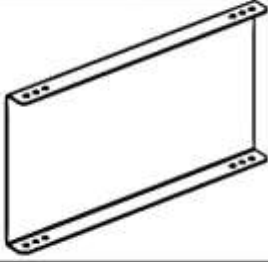
48265 Parts List

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		48007	Folding Shelf - Leg	2
2		102980	PACKOUT Slide Out Upright Brace	2
3		102846	PACKOUT Shelf - Right Bracket ASM	4
4		102847	PACKOUT Shelf - Left Bracket ASM	4
5		102979	PACKOUT Slideout Under Brace	4
6		103068	Slide Bracket Assembly - Right	4
7		103067	Slide Bracket Assembly - Left	4
8		102674	PACKOUT Mounting Plate	4
9		18-48262	Hardware Kit	4
10		18-48265	Hardware Kit	2
11		18-48266	Hardware Kit	4

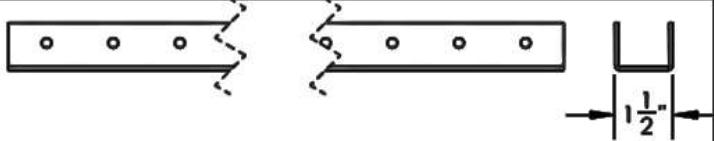
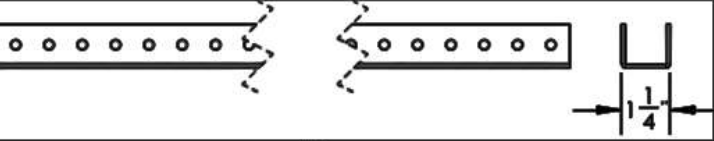

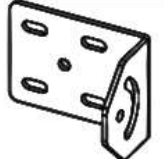

48258 Parts List

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		102674	PACKOUT MOUNTING PLATE	1
2		18-48258	HARDWARE KIT	1

48260/48261 Parts List

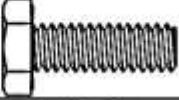



NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		48261: 102879 OR 48260: 102877	PACKOUT UNDER SHELF BRACKET - MEDIUM OR PACKOUT UNDER SHELF BRACKET - THIN	2
2		18-48260	HARDWARE KIT	1

48007 Parts List

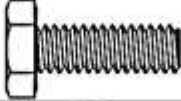
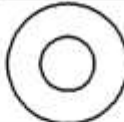

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		UFU-00-003	OUTER UPRIGHT	1
2		UFU-00-004	INNER UPRIGHT	1
3		UFU-00-005	UPRIGHT FOOT	2
4		4861-10-001	KNOCK DOWN UPPER MOUNT	1
5		4861-10-002	KNOCK DOWN CONNECTING STRAP	1
6		18-48007	UPRIGHT BOLT KIT	1

Hardware Kits

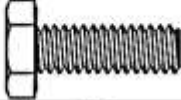
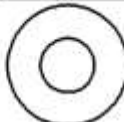

18-48265 Hardware Kit

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		13003	1/4"-20 X 3/4" HEAD HEAD BOLT	4
2		92141A029	1/4" FLAT WASHER	4
3		92150A125	.25"ID X .5"OD X .11"L Nylon Spacer	4
4		0167030	1/4"-20 FLANGED LOCK NUT	4

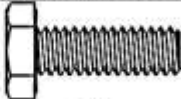

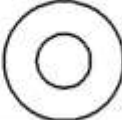



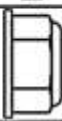
18-48258 Hardware Kit

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		13003	1/4"-20 X 3/4" HEAD HEAD BOLT	4
2		92141A029	1/4" FLAT WASHER	4
3		0167030	1/4"-20 FLANGED LOCK NUT	4

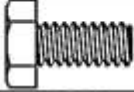

18-48260 Hardware Kit

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		13003	1/4"-20 X 3/4" HEAD HEAD BOLT	4
2		92141A029	1/4" FLAT WASHER	4
3		0167030	1/4"-20 FLANGED LOCK NUT	4

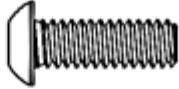
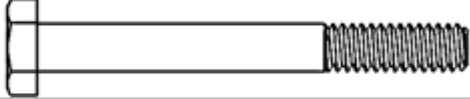
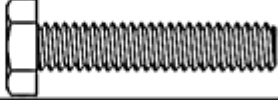
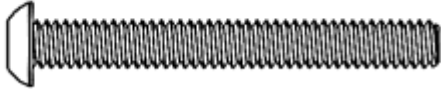




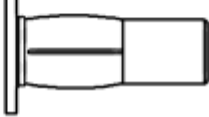
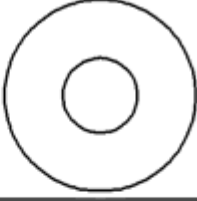



18-48266 Hardware Kit

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		13003	1/4"-20 X 3/4" HEAD HEAD BOLT	8
2		91102A750	1/4" LOCK WASHER	4
3		33078	1/4" FLAT WASHER	8
4	 	92150A125	.25"ID X .5"OD X .11"L Nylon Spacer	4
5	 	0167030	1/4"-20 FLANGED LOCK NUT	4

18-48262 Hardware Kit

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		11241162	1/4"-20 X 1/2" HEX HEAD BOLT WITH THREAD LOCK	8
2		33078	1/4" FLAT WASHER	8

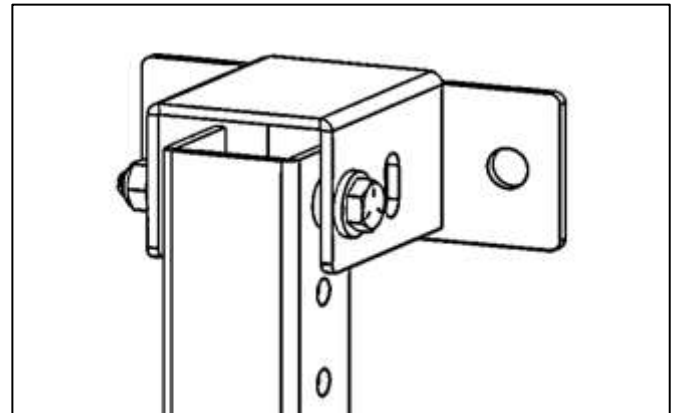
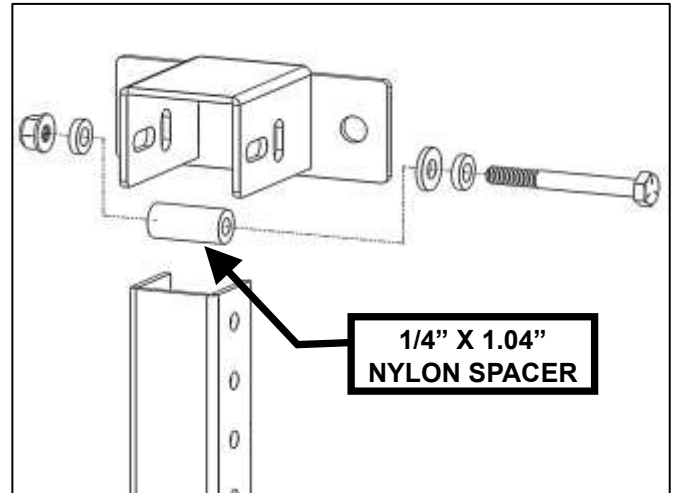
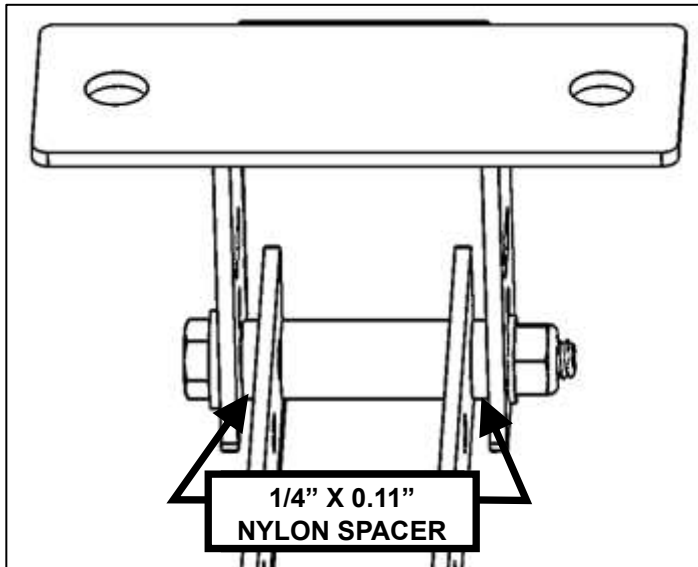
48007 Hardware Kit

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		91306A379	1/4"-20 X 3/4" Button Head Cap Screw.SLDPRT	4
2		91247A551	1/4-20 x 2-1/4" PT Hex Head	3
3		13007	1/4"-20 X 1-1/4" HEX HEAD BOLT	6
4		81057	1/4"-20 X 2-1/8" BUTTON HEAD SCREW	2
5		91102A750	1/4" LOCK WASHER	6
6		33078	1/4" FLAT WASHER	13
7		0167030	1/4"-20 FLANGED LOCK NUT	7
8			1/4"-20 Nyloc Jam Nut	2
9		97217A393	1/4"-20 Plus Nut	6
10		11517442	3/8" ID 1" OD NYLON Spacer	2
11			.25"ID x .5"OD x 1.26"LG Nylon Spacer	2
12			.25"ID x .5"OD x 1.04"LG Nylon Spacer	3
13		92150A125	.25"ID X .5"OD X .11"L Nylon Spacer	2

Step 1 – Attach Mount Feet to Uprights

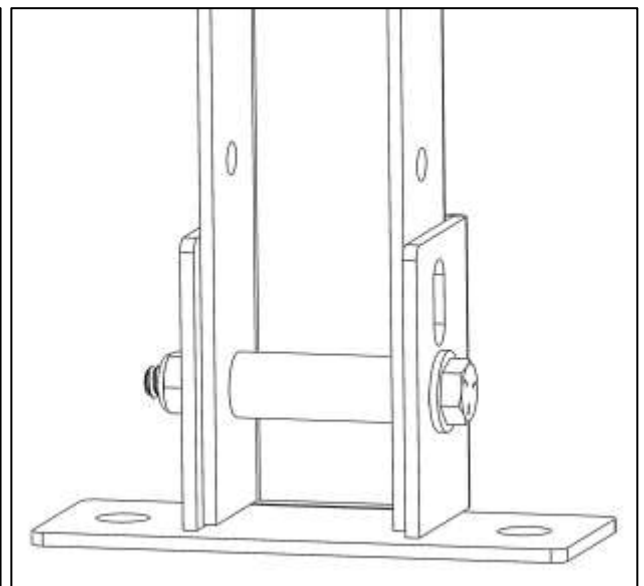
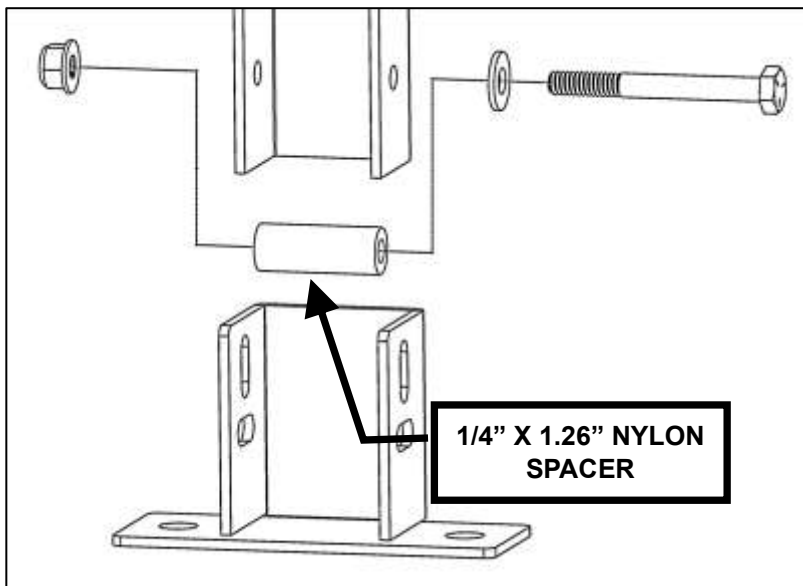
Inner Uprights

- Using a 1/4" x 2-1/4" hex head bolt, one 1/4" washer, two 1/4" x 0.11" nylon washers, one 1/4" x 1.04" nylon spacer, and one 1/4" flanged lock nut, attach upright foot to the inner uprights. **Be sure to bolt through the spacer and be sure the two nylon washers are between the upright and the mount foot as shown in the image below.**



Outer Uprights

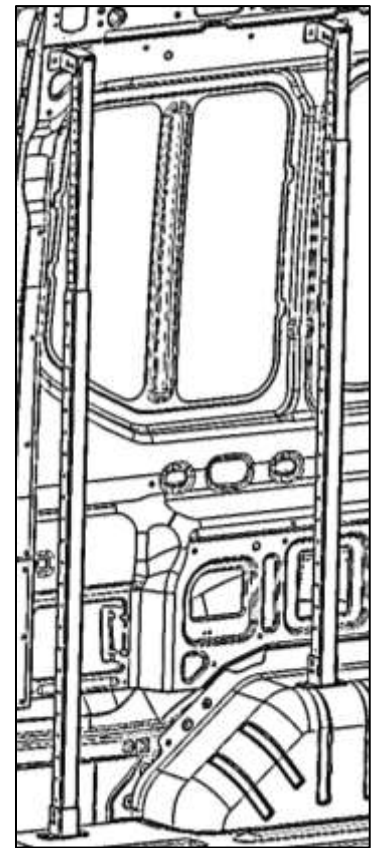
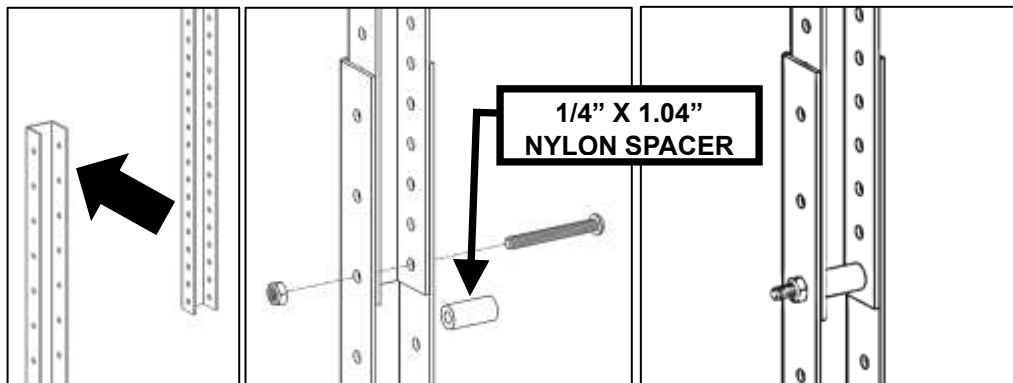
- Using a 1/4" x 2-1/4" hex head bolt, 1/4" washer, one 1/4" x 1.26" nylon spacer, and 1/4" flanged lock nut, attach upright foot to the outer uprights. **Be sure to bolt through the spacer.**



Step 2 – Assemble Uprights

- Determine the desired height for your van. In some applications it may be necessary for one upright to be mounted to the top of a wheel well, resulting in different upright heights.
- Once the desired height is determined, using one 1/4" x 2-1/8" button head screw, one 1/4" x 1.04" nylon spacer, and one 1/4" nut, bolt the inner and outer uprights together where they overlap.

NOTE: These bolts may have to move later depending on shelf placement, install loosely.



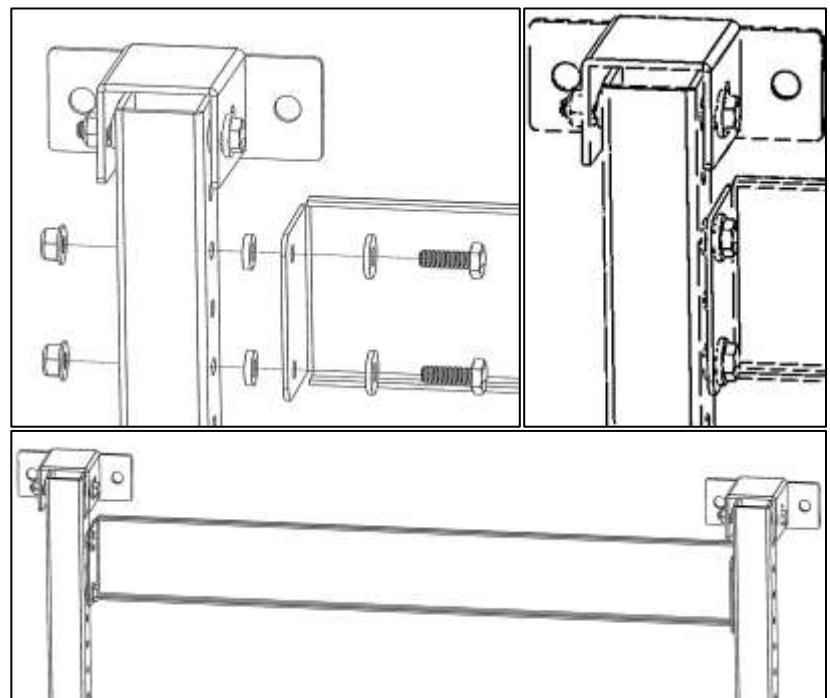
Step 3 – Install Upright Supports

NOTE: This bracket sets the width of the unit which is essential to the functionality of the sliding shelves. This upright bracket must be installed before the shelves, or the slide mechanisms may not function properly.

Upper Upright Support

- While the upper and lower support are the same part physically, the installation process is slightly different due to the additional spacers needed on the upper support.
- Using two 1/4" x 3/4" hex head bolts, two 1/4" X 0.11" nylon spacers, two 1/4" flat washers, and two 1/4" lock nuts, bolt the upper upright support near the top of the upright.
- Repeat for opposite side.

Note: When installing to the inner upright, the thin nylon spacers must be used to make up width difference between the inner and outer upright. If these thin nylon spacers are not used the slide mechanisms may not function properly.

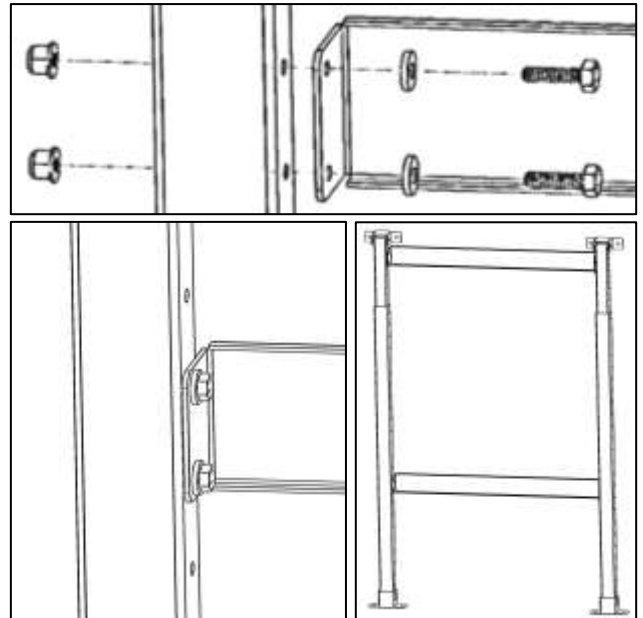


Lower Upright Support

- Using two 1/4" x 3/4" hex head bolts, two 1/4" flat washers, and two 1/4" lock nuts, bolt the lower upright support somewhere on the lower half of the uprights.

Note: that on the lower upright support, since it is being attached to the wider outer upright, the two nylon washers used above are not necessary.

- Repeat for other side.

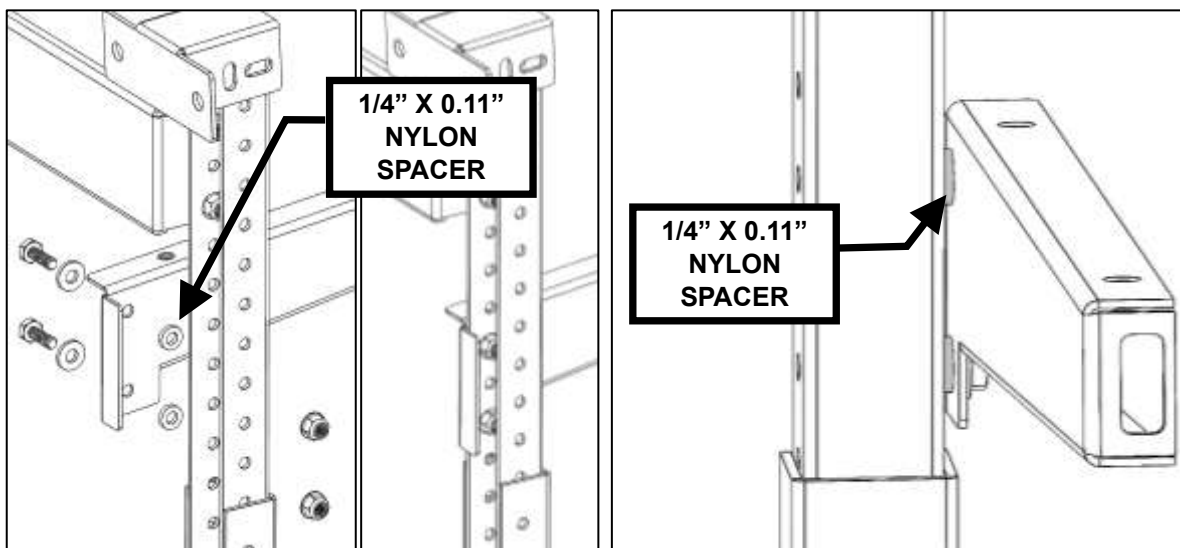


Step 4 – Install Shelf Brackets

- Determine shelf locations. **Be sure that the height of the shelves is consistent from upright to upright.**

NOTE: If the upright height is not the same, such as instances where one of the uprights is being installed over a wheel well, it may be easiest to use the top of the upright as a reference point to make sure shelf placement is consistent from upright to upright.

- Using two 1/4" x 3/4" hex head bolts, two 1/4" x 0.11" nylon spacers, two 1/4" flat washers, and two 1/4" lock nuts, install the brackets to the uprights. **Be sure to install the nylon spacers anywhere on the thinner, inner upright. Failure to install these spacers may result in functionality issues.**

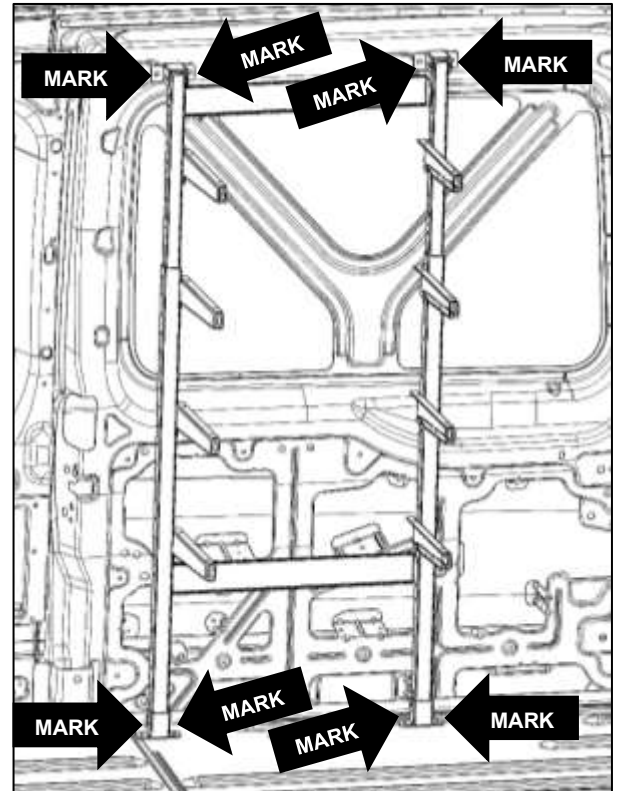


NOTE: The 1/4" x 0.11" spacer is only required when attaching the shelf arm to the inner upright. These spacers are not necessary on the outer upright.

- Repeat for opposite side. **Be sure the brackets are level to each other as it will be more difficult to adjust their height once the unit is installed in the van.**

Step 5 – Determine Install Location

- The unit can be installed in the van either at this point or after the full assembly is complete. Installing in the van at this point will make the unit lighter and easier to work with.
- Place the unit in the vehicle and mark the holes for the upper and lower mounting points.

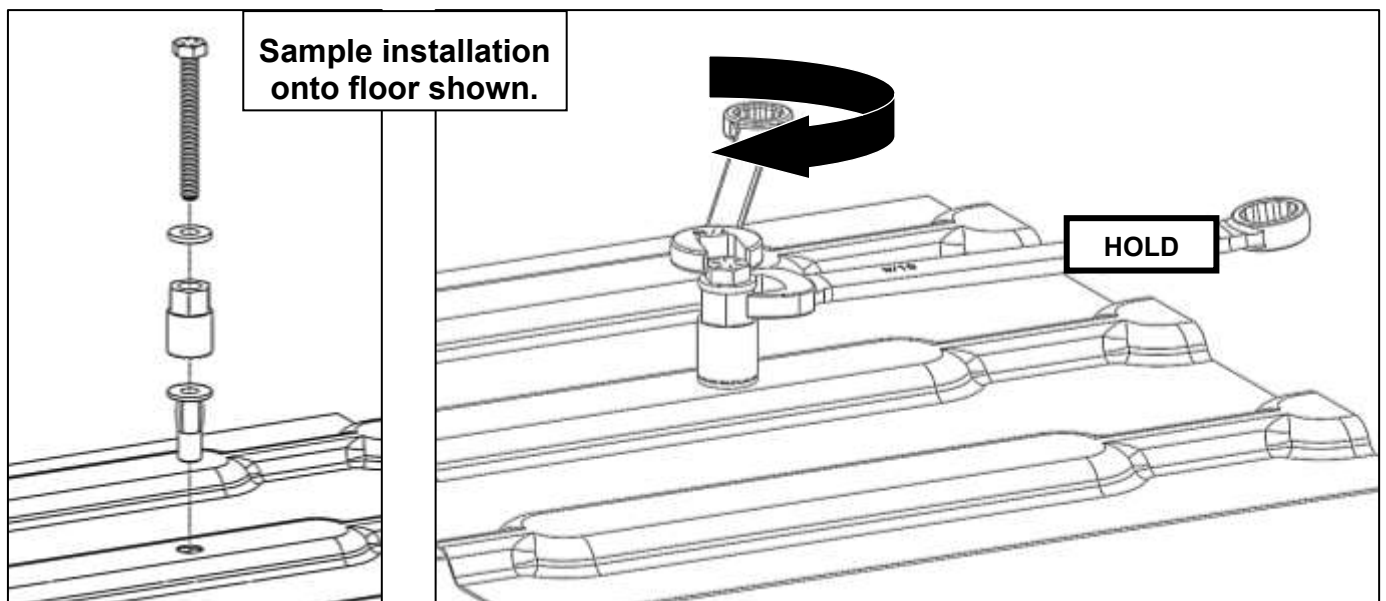


Step 6 – Install Plus Nuts



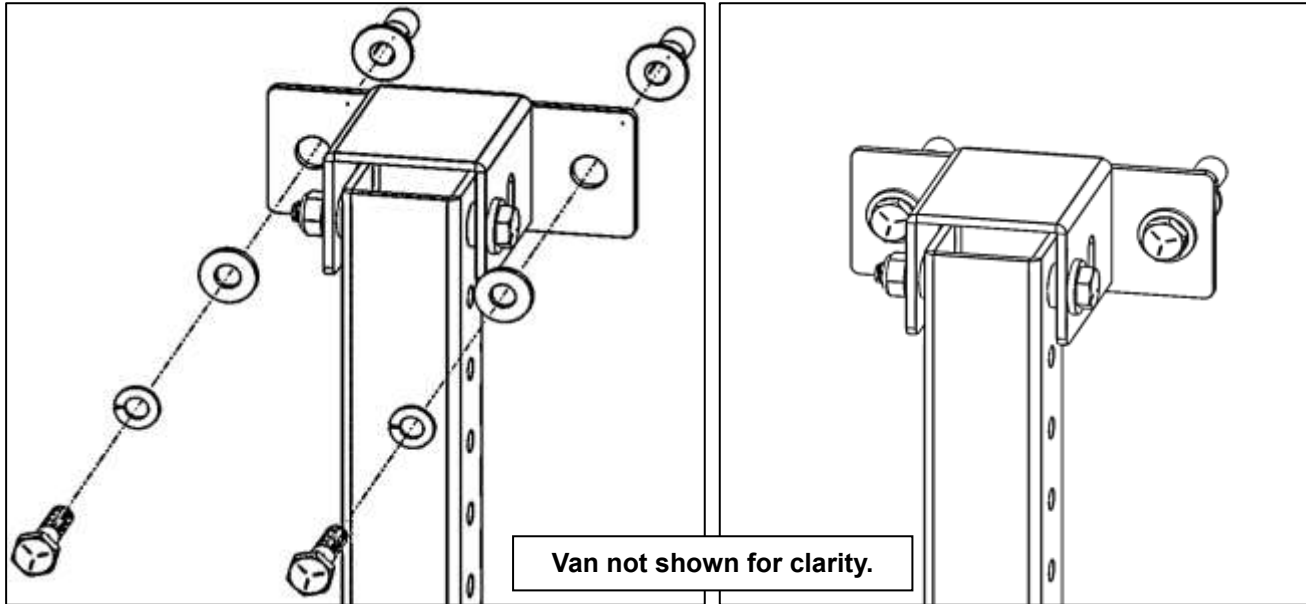
DO NOT drill beyond depth of floor or upper installation surface. Always check for wires, fuel tanks and lines, brake lines and other important vehicle functionality items prior to drilling and installing all products.

- At each marked location, drill hole using 25/64" drill bit and appropriately 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.



Step 7 – Install Uprights in the Van

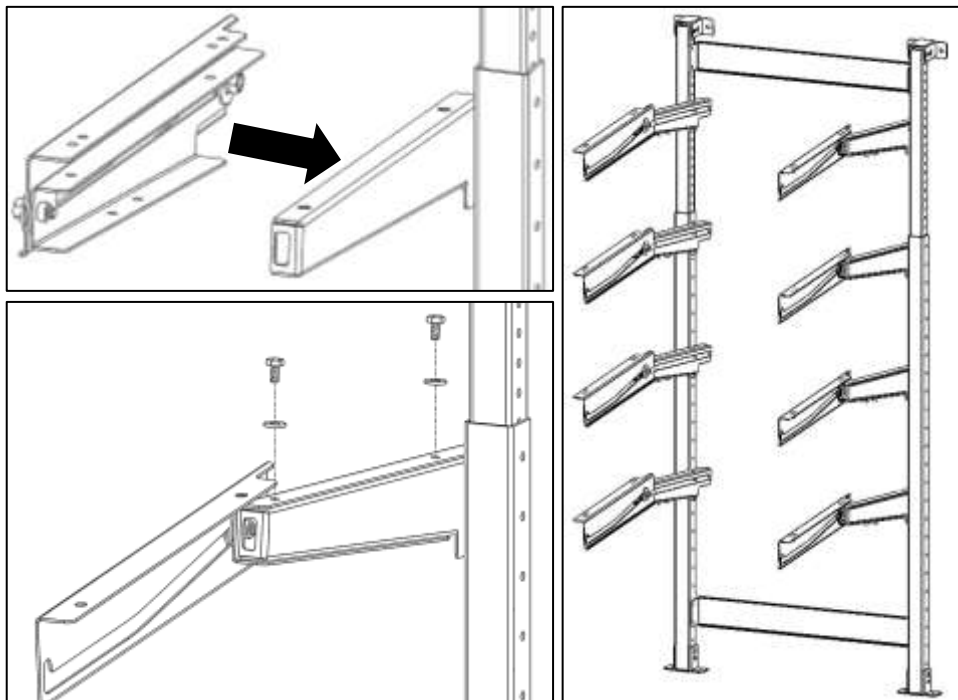
- Using two 1/4" x 1-1/4" hex head bolts, two 1/4" split lock washers, and two 1/4" flat washers, bolt the mount feet to the plus nuts previously installed in the van.



- Repeat for all other upper and lower mount feet.

Step 8 – Install Slide Brackets

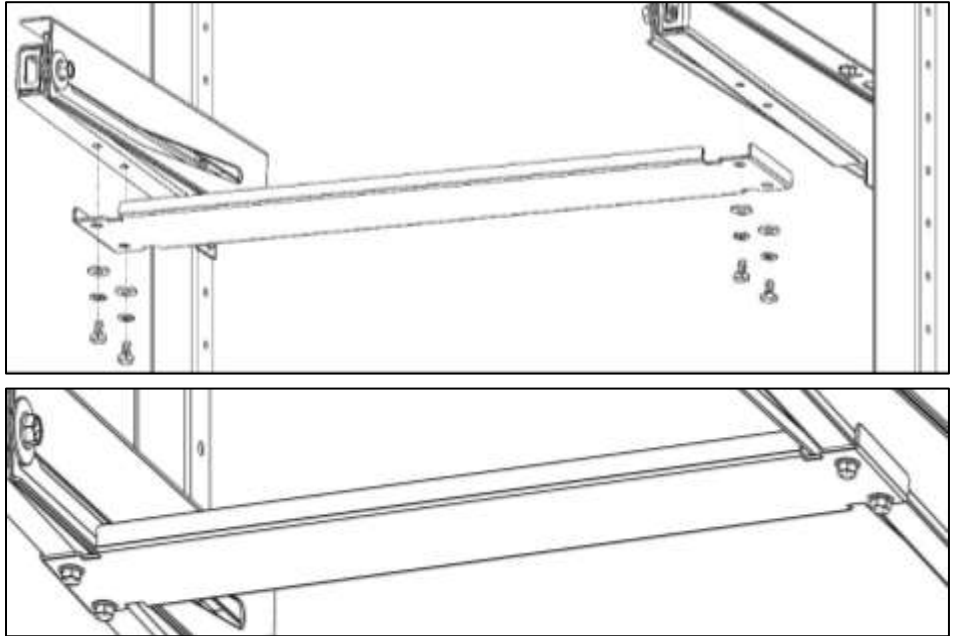
- Open the slide bracket to allow access to the holes on the top of the lower slide bracket.
- Using two 1/4" x 1/2" hex head bolts with pre-applied thread lock and two 1/4" flat washers, attach the slide brackets to the shelf brackets.



- Repeat for all remaining shelf brackets.

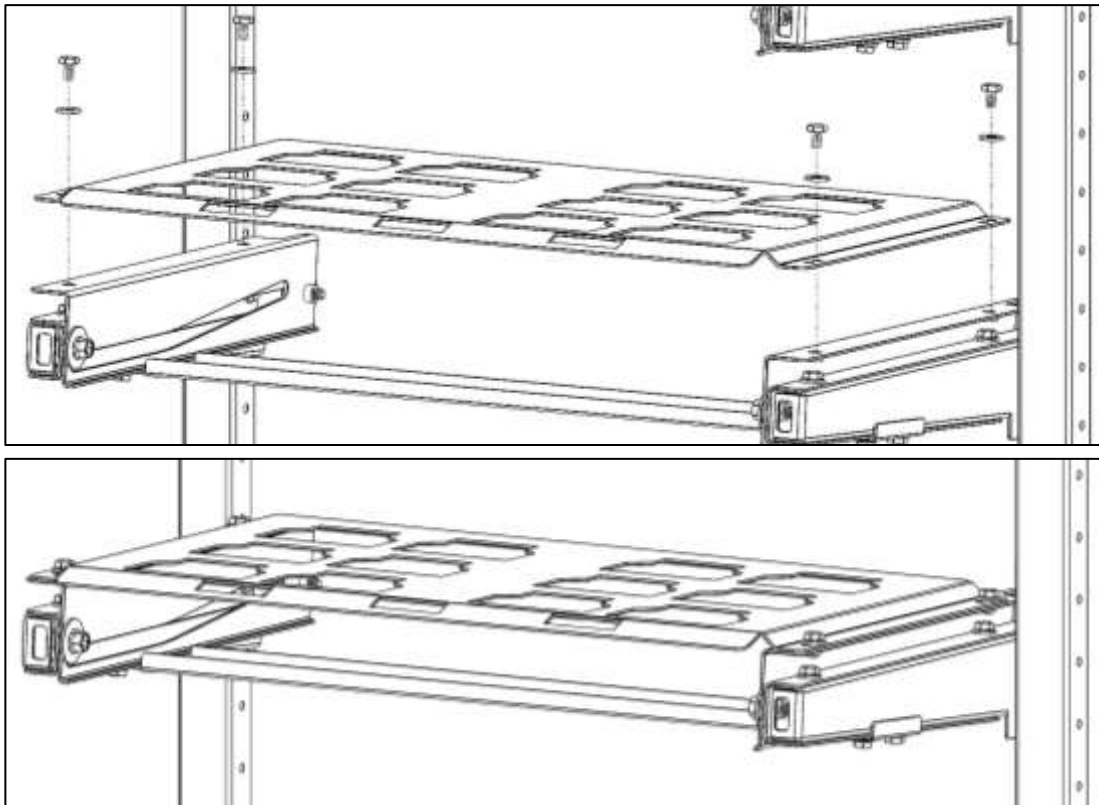
Step 9 – Install Undershelf Brackets

- Using four 1/4" x 3/4" hex head bolts, four 1/4" lock washers, and four 1/4" flat washers, attach the undershelf bracket to the bottom of both shelf brackets.
- Repeat for each of the other shelves.



Step 10 – Install Mount Plates

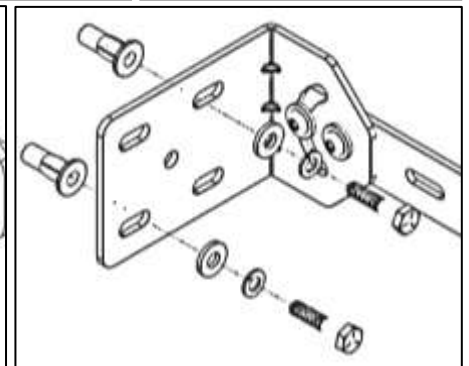
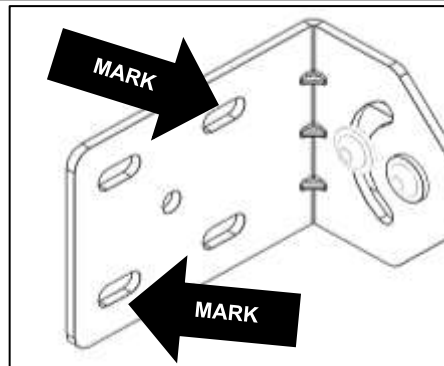
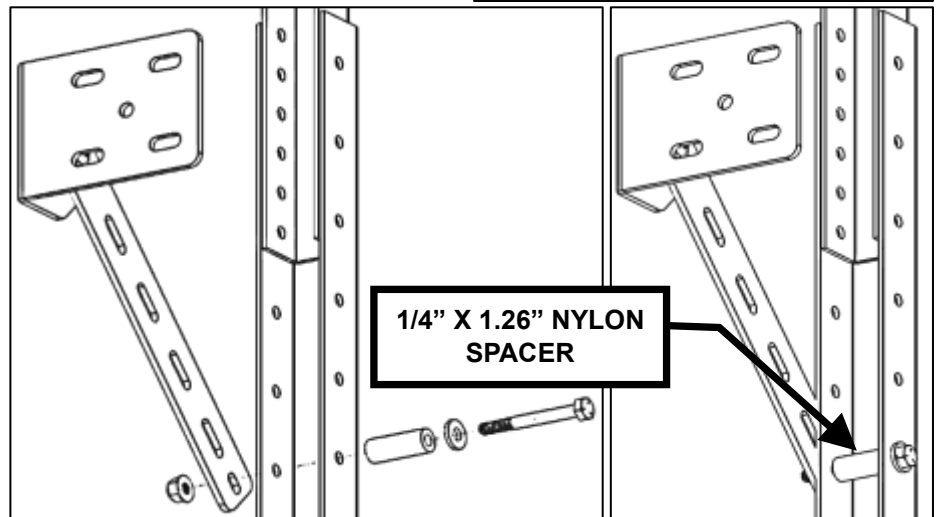
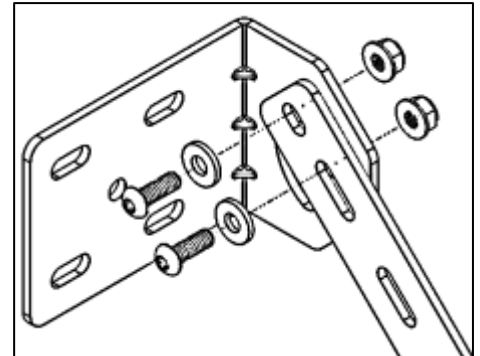
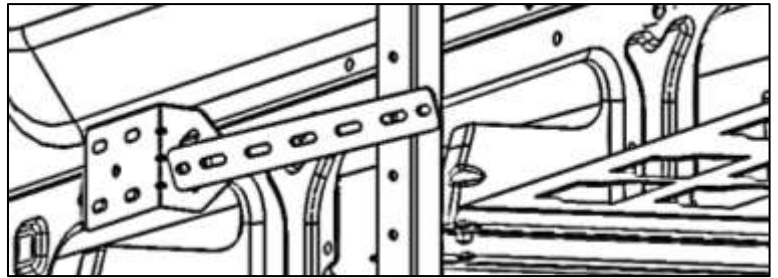
- Using four 1/4" x 1/2" hex head bolts with pre-applied thread lock and four 1/4" flat washers, attach the mount plate to the top of the slide brackets.



- Repeat for each of the other shelves.

Step 11 – Install Mid-shelf Mounting Brackets

- Determine the desired location of the mid-shelf supports.
- Using two 1/4" x 3/4" button head screws, two 1/4" washers, and two 1/4" lock nuts, bolt a knock down upper mount to a knock down connecting strap.
- Snug tighten but allow movement.
- Using one 1/4" x 2-1/4" hex head bolt, one 1/4" flat washer, one 1/4" x 1.26" nylon spacer, and one 1/4" flanged lock nut, bolt the connecting strap to the upright.
- Mark through two of the slots in the knock down upper mount onto wall. The two slots marked in image below are for reference only, any two mount holes may be used.
- At each marked location, install a plus nut per the plus nut installation instructions in step 6.
- Using one 1/4" x 1-1/4" hex head bolt, one 1/4" lock washer, and one 1/4" flat washer, attach the mount to the wall of the van.
- Repeat for all other mid support mounts.

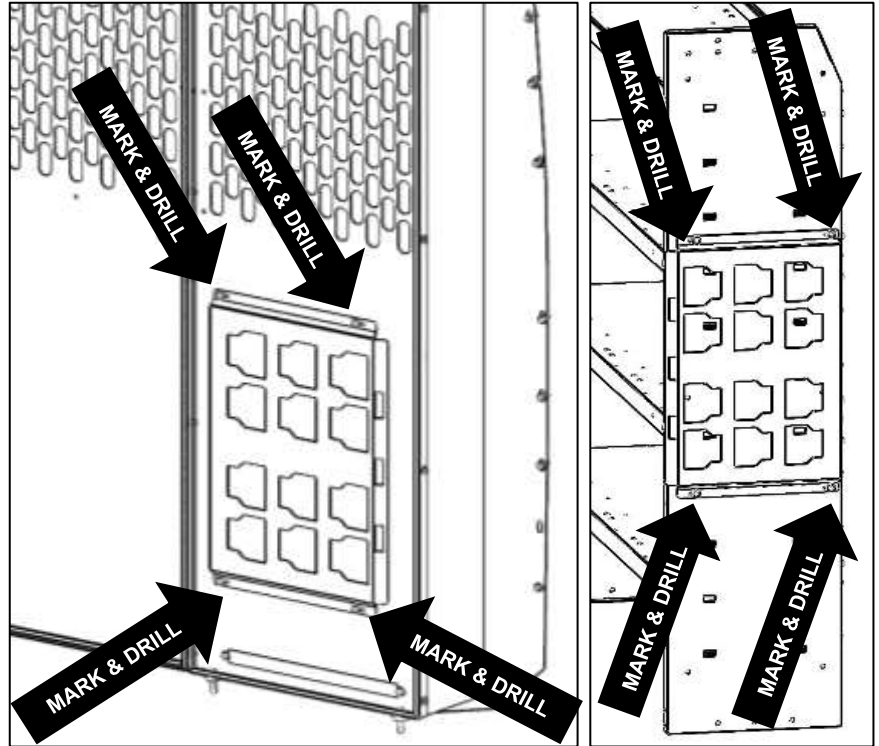


GO BACK AND TIGHTEN ALL HARDWARE.

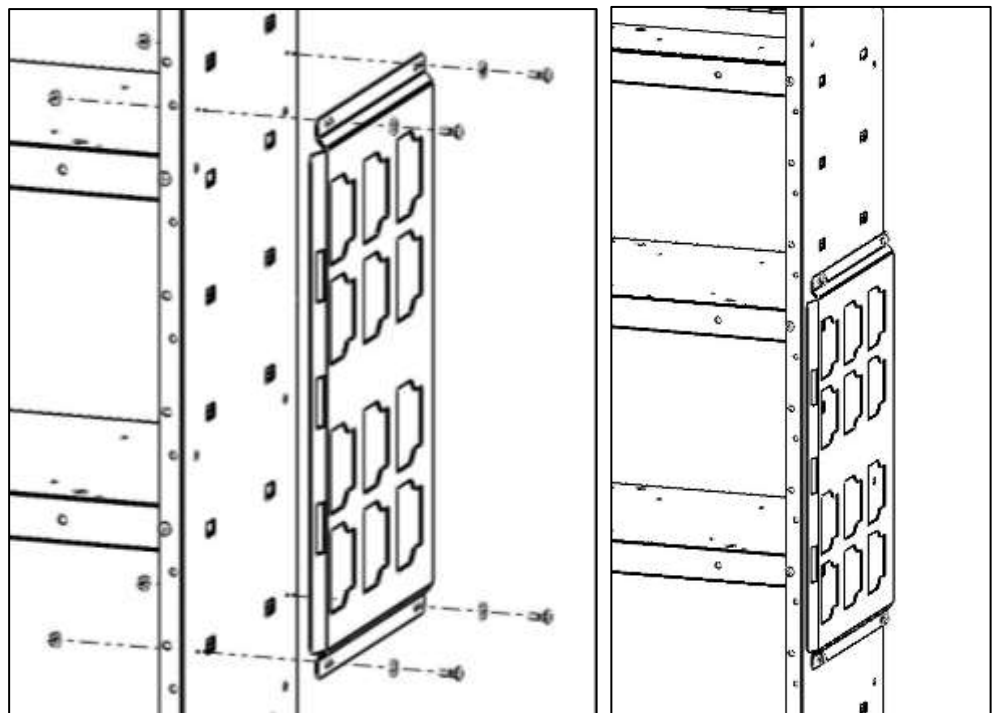
INSTALLATION AND ASSEMBLY ARE COMPLETE.

Mount Plate Install Instructions (48258)

- Determine install location. The mount plate can be installed on almost any flat surface including shelf end panels or partition center panels.
- Using a 25/64" drill bit, mark and drill the mount hole locations.



- Using four 1/4" x 3/4" hex head bolts, four 1/4" flat washers, and four 1/4" lock nuts, bolt the mount plate in place.

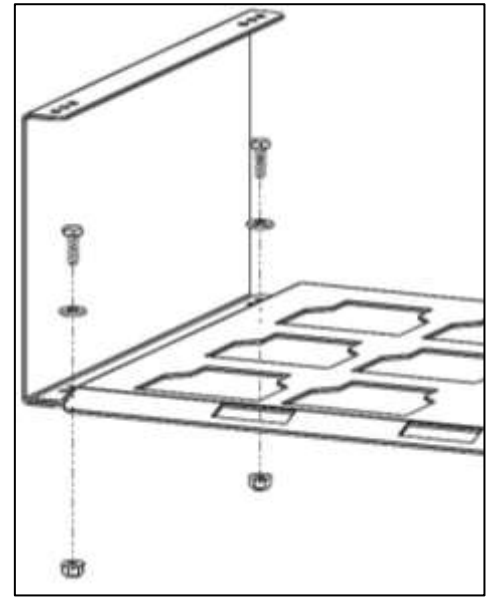
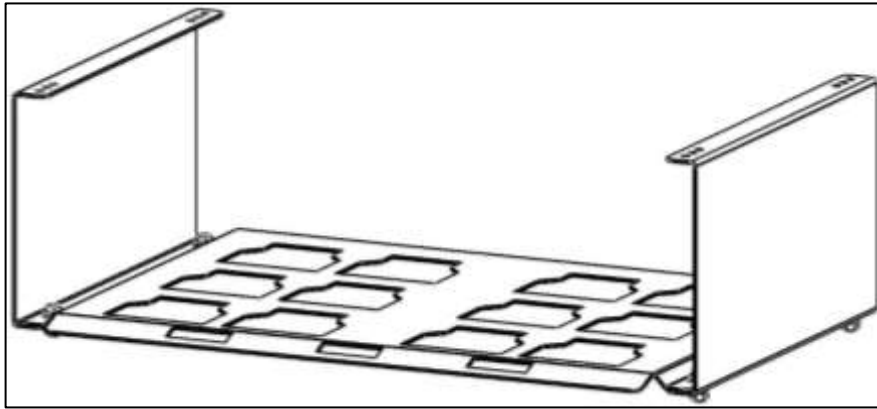


GO BACK AND TIGHTEN ALL HARDWARE.

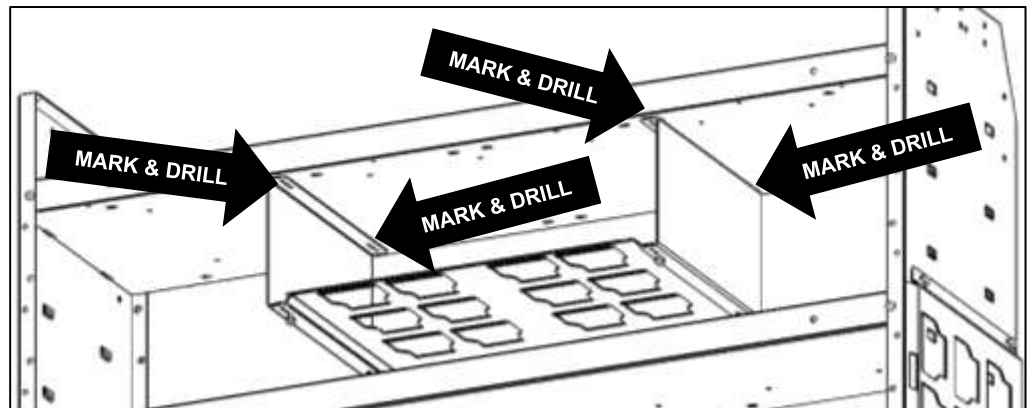
INSTALLATION AND ASSEMBLY ARE COMPLETE.

Undershelf Bracket Instructions (48260/48261)

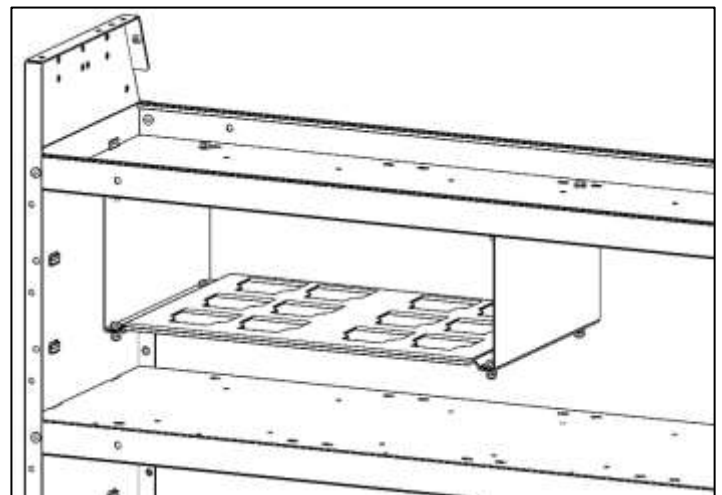
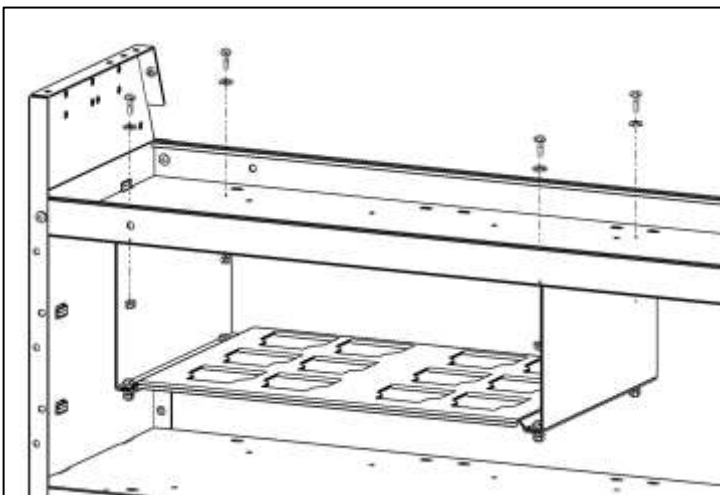
- Using four 1/4" x 3/4" hex head bolts, four 1/4" flat washers, and four 1/4" lock nuts, bolt the undershelf brackets to the mount plate.



- Determine install location. In some locations it may be possible to use existing holes in the shelf. If there are no existing holes, mark and drill the mount hole locations using a 25/64" drill bit, mark and drill the mount hole locations.



- Using four 1/4" x 3/4" hex head bolts, four 1/4" flat washers, and four 1/4" lock nuts, bolt the undershelf brackets to the bottom of the shelf.



GO BACK AND TIGHTEN ALL HARDWARE.

INSTALLATION AND ASSEMBLY ARE COMPLETE.