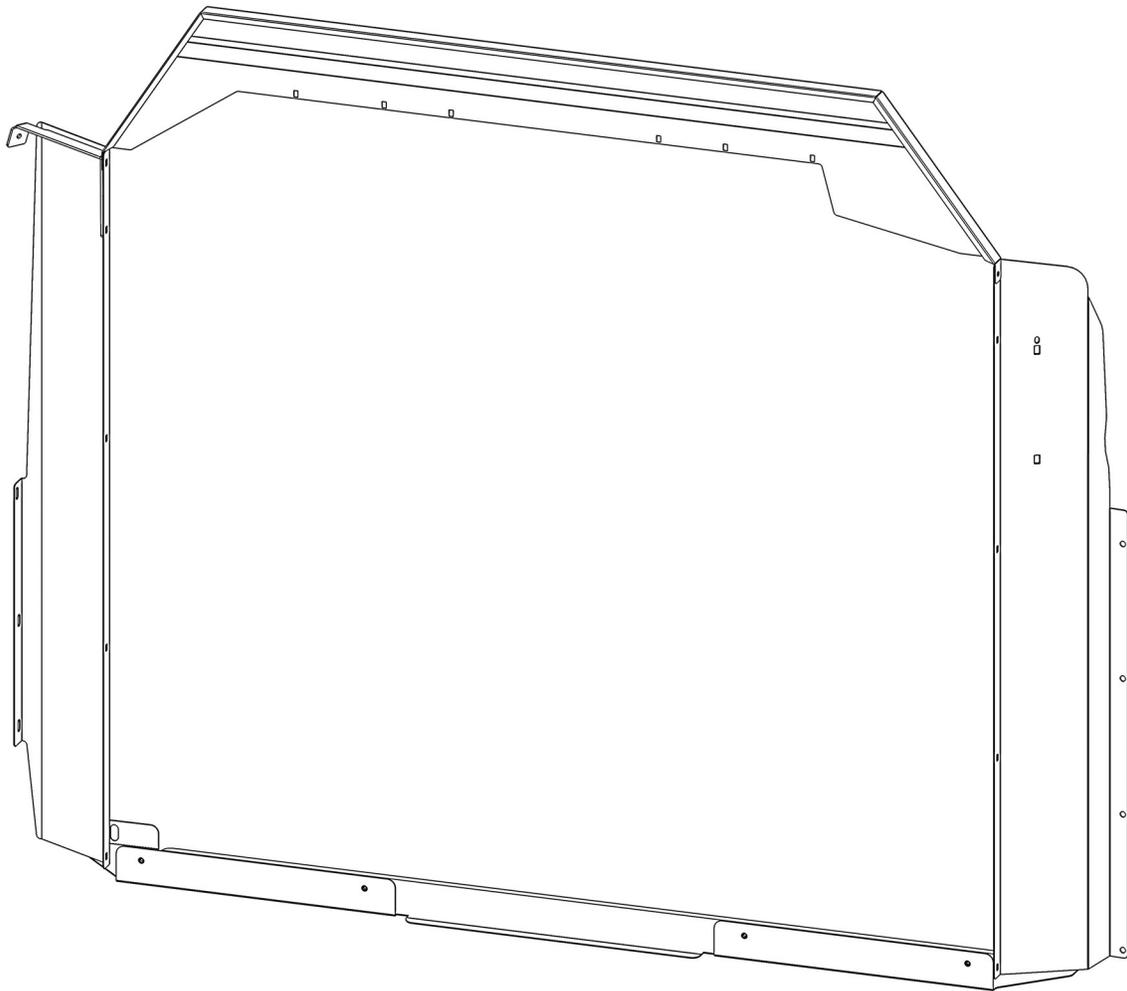


Holman

Instruction Guide 40649TL



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

7/16", 1/2", 5/8" Sockets and Wrench	7/16", 9/16" Box Wrench
Drill	25/64" Drill Bit
Phillips Driver	10mm Socket and Wrench
Drill Bit Stop Collar	Plus Nut Installation Tool (P9902)*

* Sold Separately.

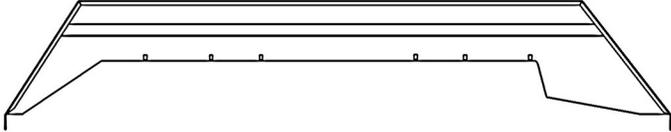
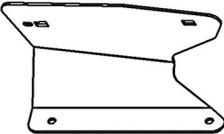
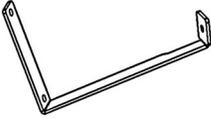
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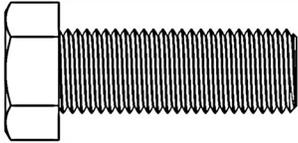
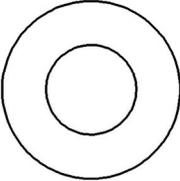
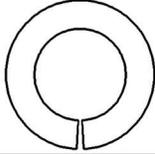
Before You Begin

- Read all instructions prior to installing any Holman product.
- **Be sure to have 40640, 40641, 40642, or 40645 partition assembled and ready to be installed before continuing.**
- **Plus Nut Installation Tool Kit (P9902) is not included and must be purchased separately.**

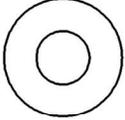
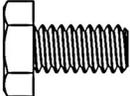
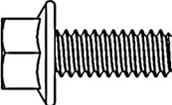
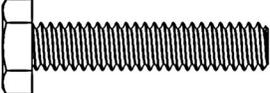
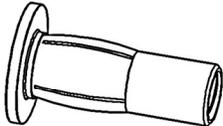
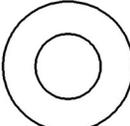
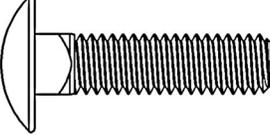
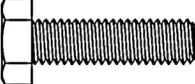
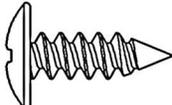
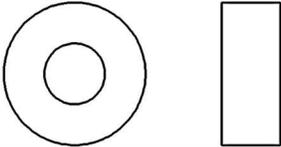
Parts List

ITEM NO.	ITEM	PART NUMBER	DESCRIPTION	QTY
1		406TL-20	Top Panel ASM	1
2		406TL-10-002-R2	Transit Low Roof-PS Wing	1
3		406TL-10-003-R2	Transit Low Roof-DS Wing	1
4		406TL-10-004	Transit Low Roof-Handle Mount	1
5		406TL-30	Bottom Panel ASM	1
6		406TL-10-005	Transit Low Roof DS Support	1
8		18-40649TL	Hardware	1

Hardware

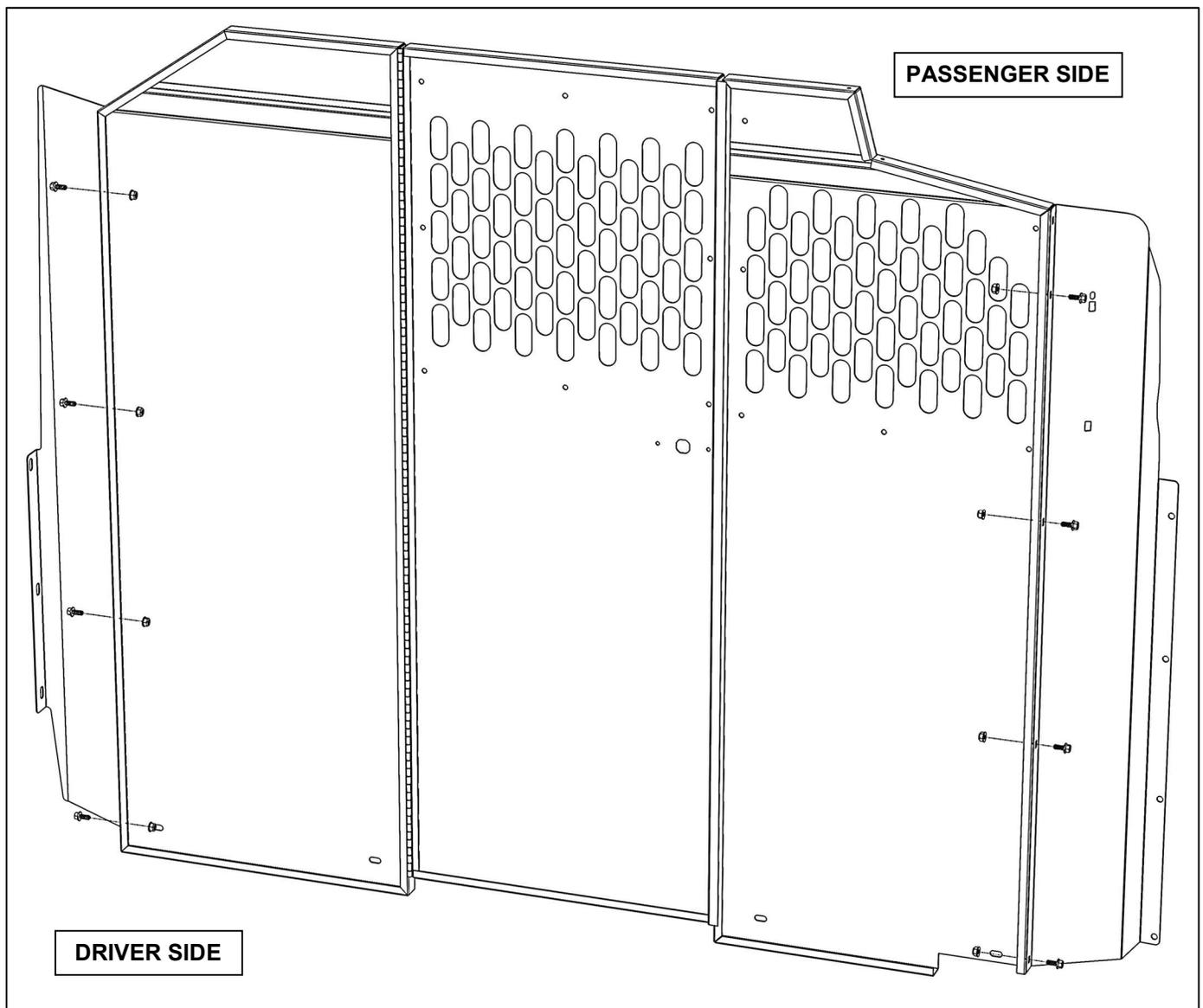
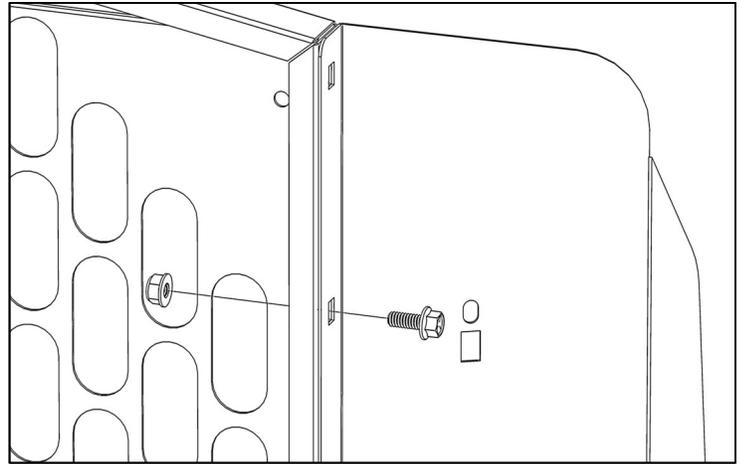
ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		17157	7/16-20 X 1-1/4" Hex Head Bolt	2
2		1133084	7/16" Washer	2
3		33624	7/16" LOCKING WASHER	2

Hardware (Continued)

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
4		33618	1/4" LOCK WASHER	14
5		33078	1/4" FLAT WASHER	14
6		0167030	1/4"-20 FLANGED LOCK NUT	20
7		11241162	1/4"-20 X 1/2" HEX HEAD BOLT	4
8		11126953	1/4"-20 X 5/8" FLANGED HEX HEAD	16
9		13800	1/4"-20 X 1-1/4" HEX HEAD BOLT	8
10		920313726	1/4"-20 PLUS NUT	8
11		33080	5/16" WASHER	2
12		0169777	5/16"-18 LOCK NUT	2
13		11137256	5/16-18 X 1-1/4" CARRIAGE BOLT	2
14		38566	M6-1 X 25MM HEX HEAD BOLT	2
15		0142198	#14-10X3/4 SHEET METAL SCREW	4
16		11517442	3/8" ID 1" OD NYLON SPACER	4

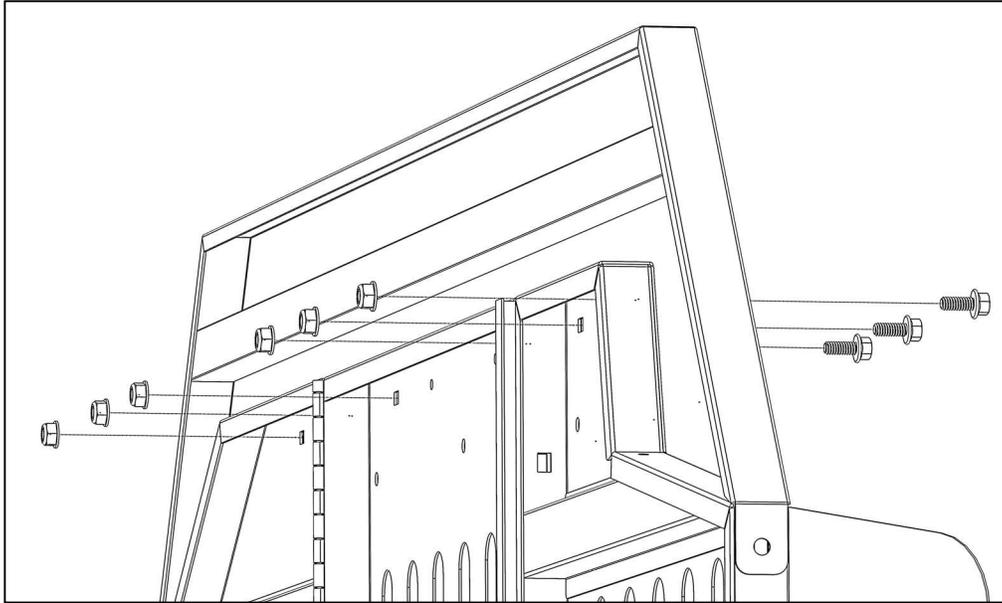
Step 1 – Attaching Side Wings

- Using four 1/4" x 5/8" flanged bolts and four 1/4" flanged lock nuts, bolt passenger side (PS) side wing to partition.
- Snug tighten but allow for movement.
- Using four 1/4" x 5/8" flanged bolts and four 1/4" flanged lock nuts, bolt driver's side (DS) wing to partition.
- Snug tighten but allow for movement.



Step 2 – Attaching Top Panel

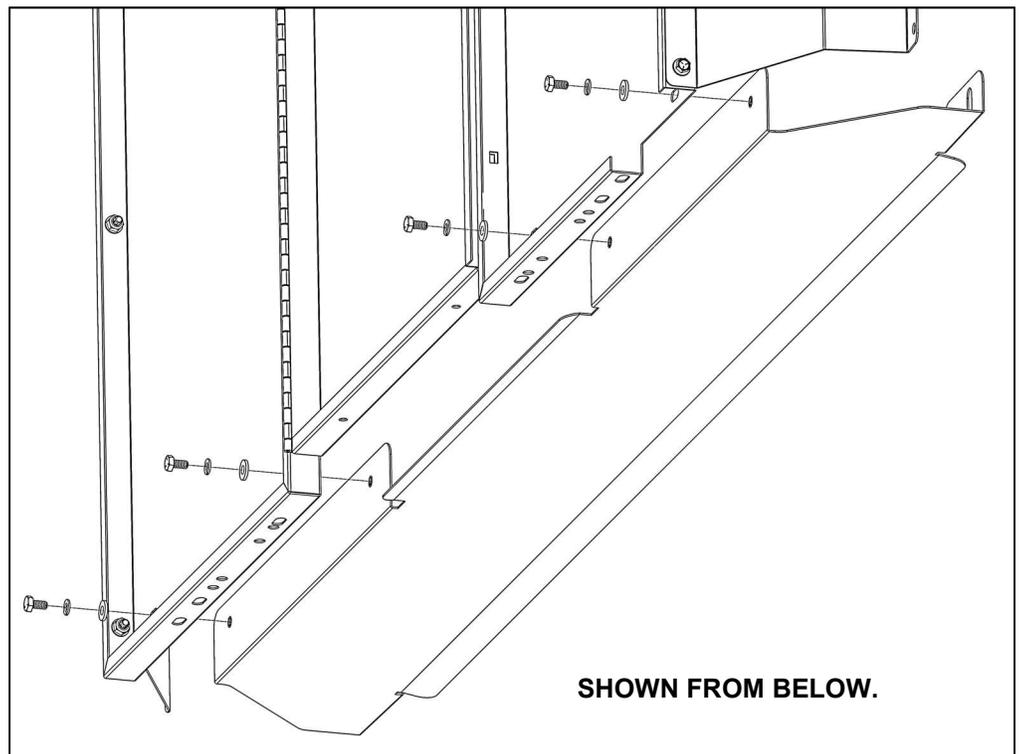
- Using six 1/4" x 5/8" flanged bolts and a 1/4" flanged lock nuts, bolt top wing to partition.



- Snug tighten but allow for movement.

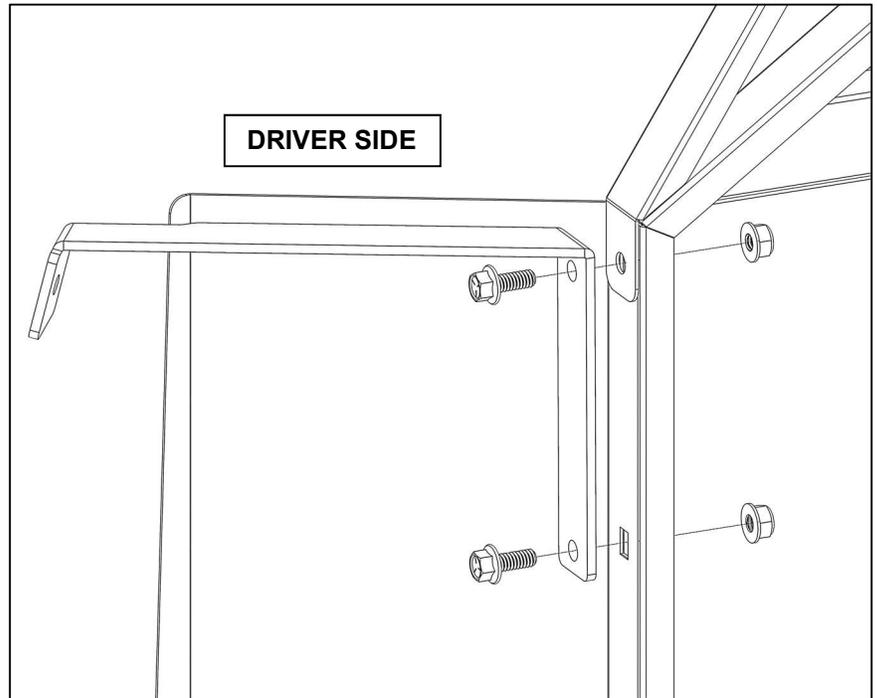
Step 3 – Attaching Bottom Plate

- Using four 1/4" x 1/2" hex head bolts, four 1/4" lock washer, and four 1/4" washers, bolt through the partition panels into the bottom panel.
- Snug tighten but allow for movement.



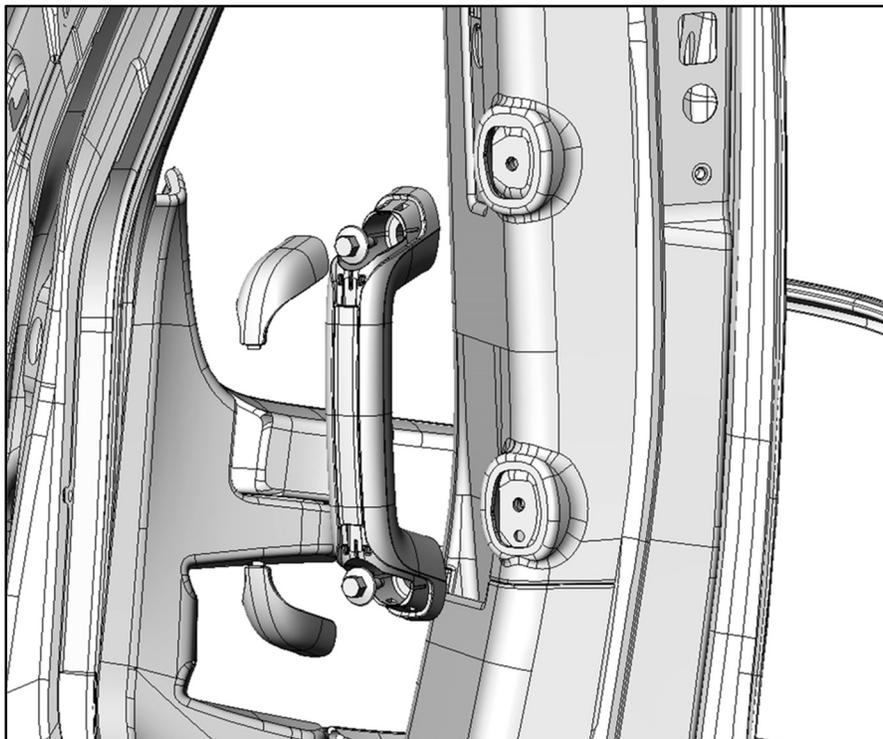
Step 4 – Attaching Roof Support

- Using a 1/4" x 5/8" flanged bolt and a 1/4" flanged lock nut and the previously installed 1/4" x 5/8" flanged bolt and 1/4" flanged lock nut, LOOSELY bolt the roof support to DRIVER SIDE of partition.

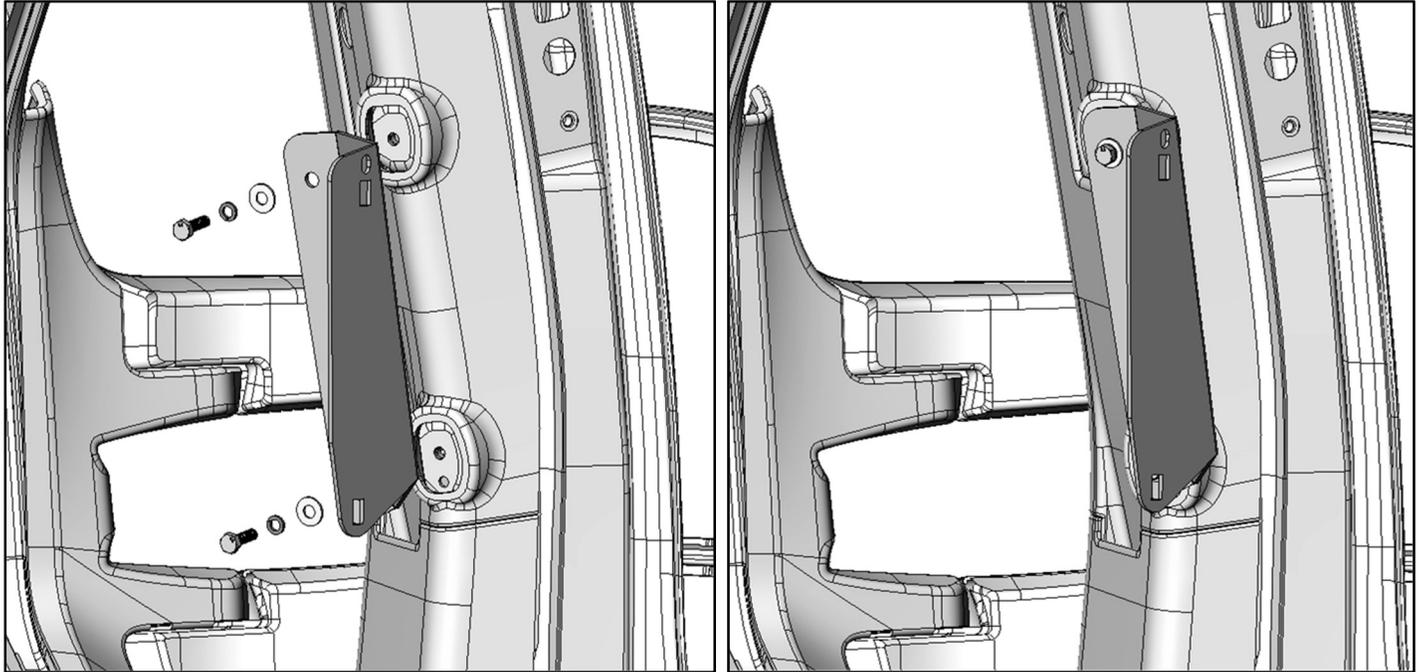


Step 5 – Installing Handle Mount

- Remove handle from slider doorway as shown below.



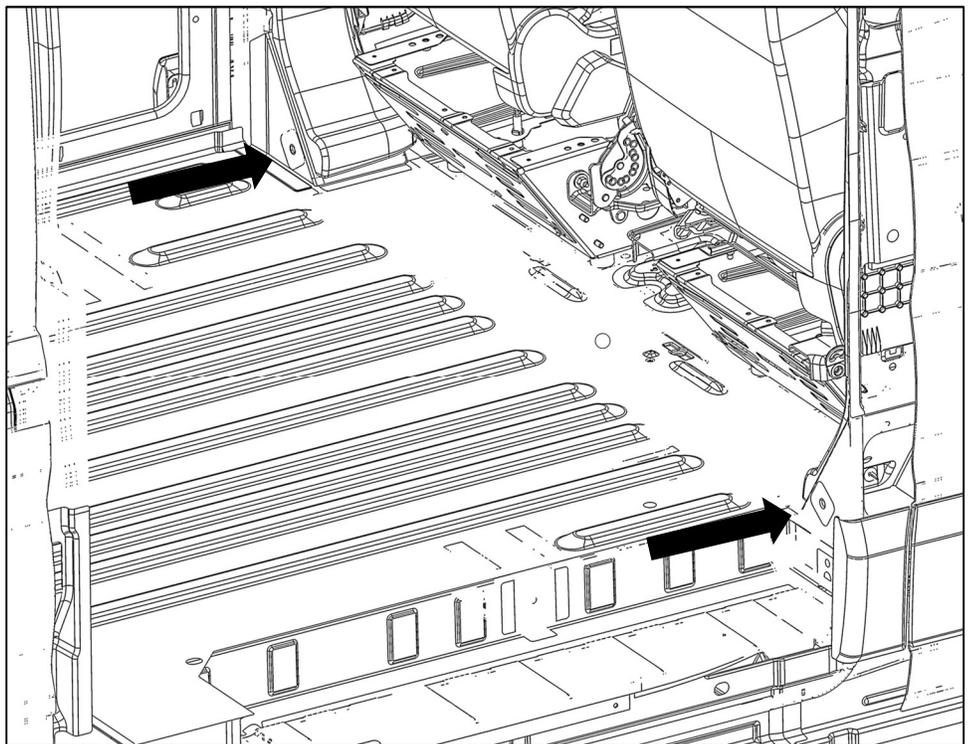
- Using M6 x 25mm hex head bolts, 1/4" lock washers and 1/4" washers, install handle mount where handle was previously removed.
- Snug tighten but allow for movement.



Step 6 – Installation Preparation

NOTE: Newer vehicle models do not come with factory-installed D-rings.

- If your vehicle has factory-installed D-rings, remove the D-rings from both the driver's side and passenger side "B" pillars.
- If wall liner is installed on driver-side sidewall behind the driver's seat, remove wall liner and wall liner holding clips nearest the driver's seat. Wall liner can be reinstalled later on during installation.



Step 7 – Installing Driver Side Wing to Van Siding

- On the driver's side of van, the driver's wing should line up with three factory holes in the van siding.

NOTE: The wing may be attached to the driver side of the van using either through bolts or plus nuts.

Through Bolt Install

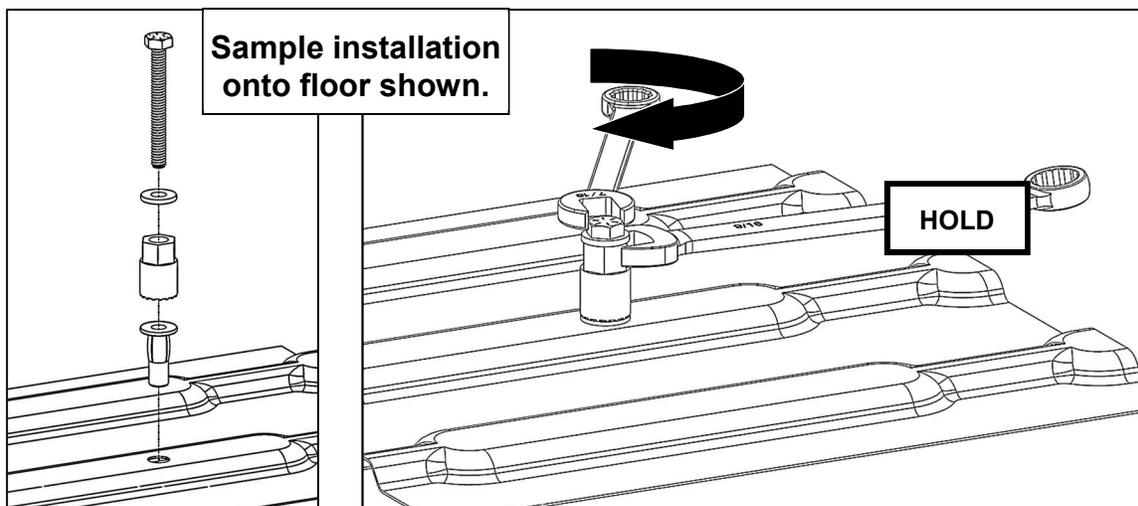
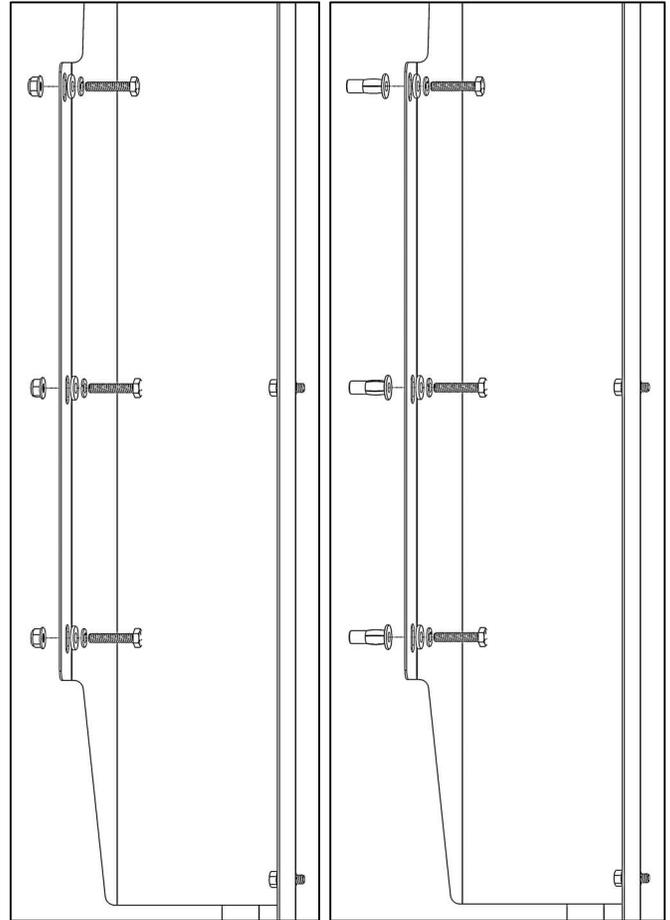
- Using a 1/4" x 1-1/4" hex bolt, a 1/4" lock washer, a 1/4" washer, and a 1/4" flanged lock nut, bolt through the wing and the hole in the side of the van.

Plus Nut Install



For ease of installation, it may be necessary to use a drill to expand factory holes. DO NOT drill beyond depth of upper installation surface. Always check for wires and other important vehicle functionality items prior to drilling and installing all products

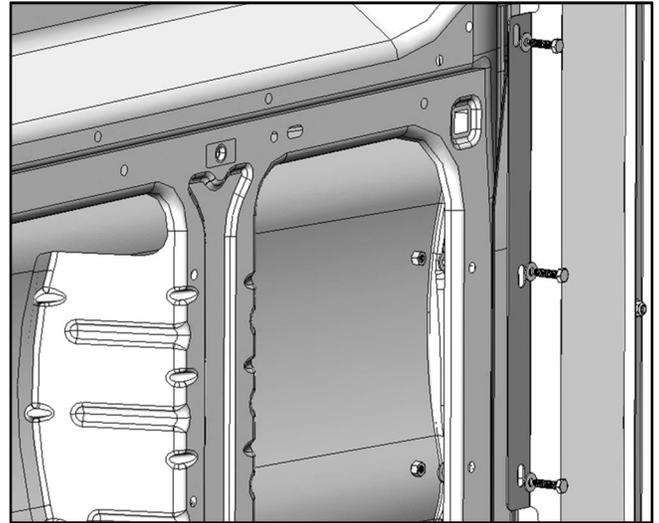
- Insert 1/4" x 2-1/4" hex head bolt through 1/4" flat washer and plus nut installation tool, and then screw bolt into plus nut. Knurled end of plus nut tool must be directed away from bolt head and contacting plus nut.
- Insert plus nut into hole with plus nut tool attached.
- Using the 9/16" box wrench, 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.



- Bolt through the wing into each plus nut using a 1/4" x 1-1/4" hex bolt, a 1/4" lock washer, and a 1/4" washer.

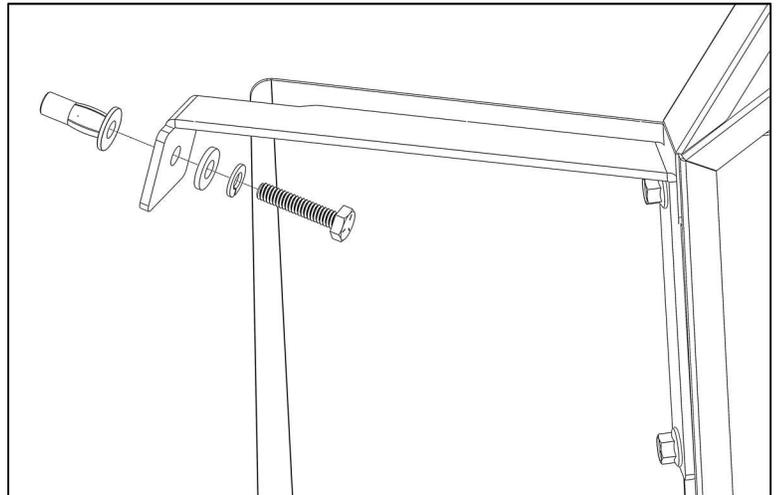
NOTE: If wall liner was removed, it may be desirable to install the three plus nuts and then reinstall the wall liner by sandwiching it between the driver side wing and the van siding.

- Snug tighten but allow for movement.



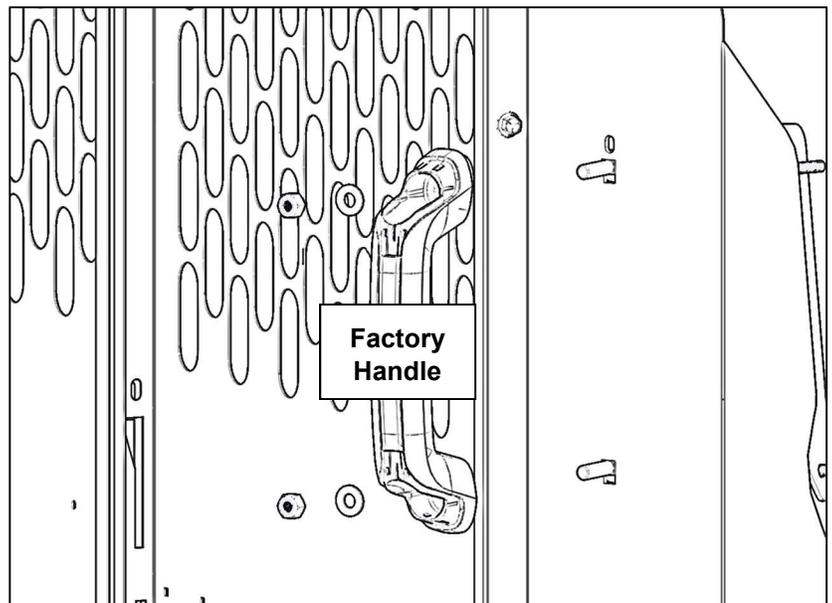
Step 8 – Installing Roof Support to Van Siding

- On the driver's side of van, the roof support should line up with a factory hole high in van siding.
- Install a plus nut into the existing hole in the van siding.
- Bolt through the roof support into the plus nut using a 1/4" x 1-1/4" hex bolt, 1/4" lock washer, and a 1/4" washer.
- Snug tighten but allow for movement.



Step 9 – Installing Handle to Handle Bracket

- From the backside, using two 5/16" x 1-1/4" carriage bolts, two 5/16" flat washers, and two 5/16" lock nuts, bolt through the rectangular slots in the previously installed handle mount, the passenger side wing, and then through factory handle.
- Snug tighten but allow for movement.

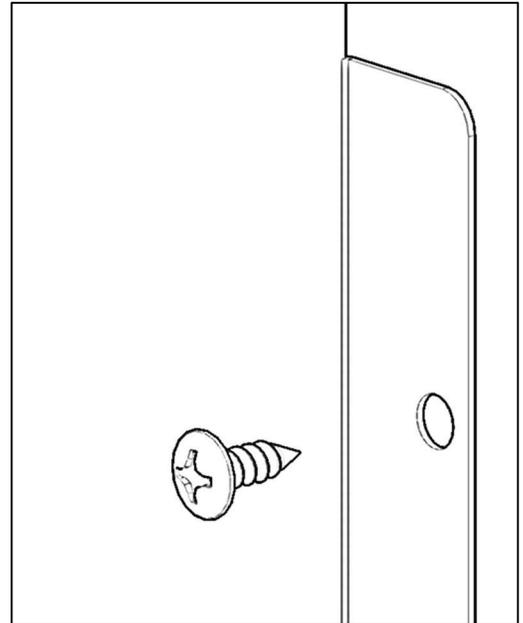
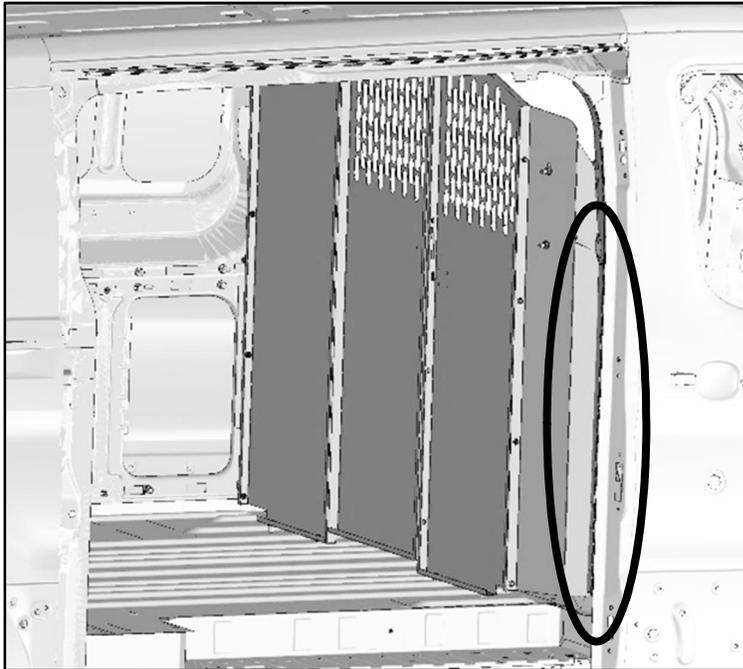


Step 10 – Installing Wing to “B” Pillar

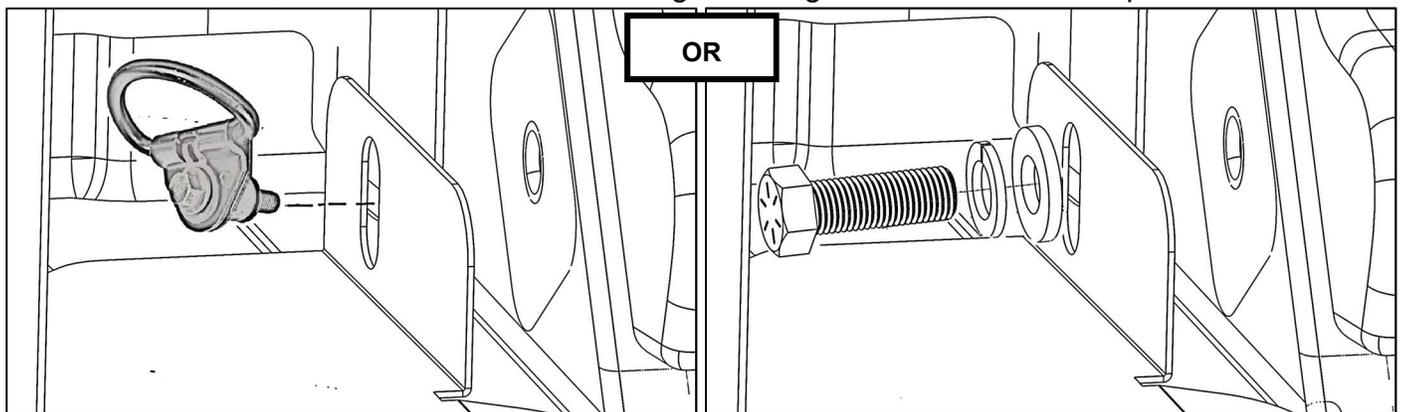


Always check that each location is clear of wires, fuel tanks and lines, air bags, and other important vehicle functionality items prior to installing screws into “B” pillar.

- Using four #14 x 3/4” sheet metal screws, screw passenger side wing into “B” pillar.



- If your vehicle came with factory-installed D-rings, reinstall D-rings through large holes in the bottom panel.
- If your vehicle did NOT come with factory-installed D-rings, install a 7/16” x 1-1/4” hex head bolt, 7/16” lock washer, and 7/16” flat washer through the large holes in the bottom panel.



GO BACK AND TIGHTEN ALL BOLTS.

YOUR INSTALLATION IS NOW COMPLETE.