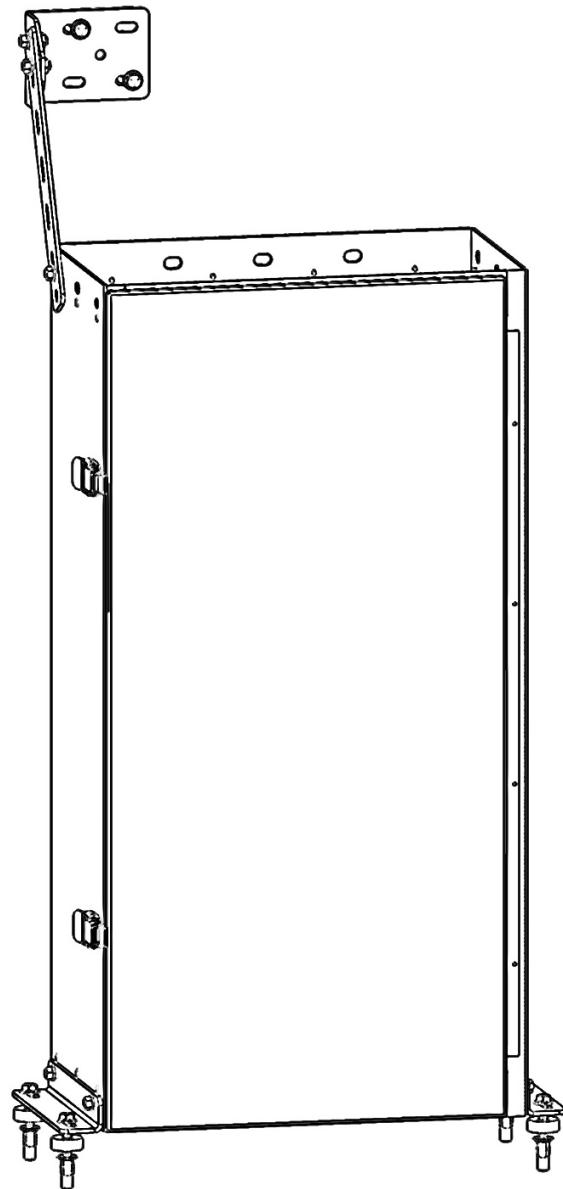


Holman

Instruction Guide

40225



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.**

 **Before installing the vent kit, identify the gas type (flammable, toxic, inert, etc.) and review its SDS to determine appropriate venting needs, heavier gases require bottom vents, lighter ones need top vents.**

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Tools Needed

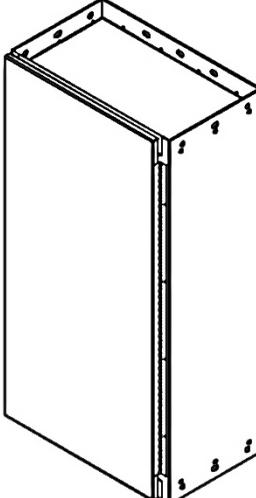
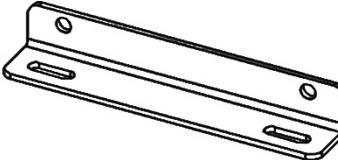
3/8", 7/16 Socket and Wrench	3/8" 7/16", 9/16" Box Wrench
25/64" Drill Bit	Drill
Plus Nut Installation Tool (P9902)*	Drill Bit Stop Collar

** Sold Separately.*

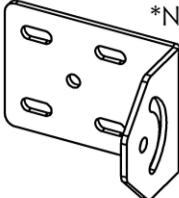
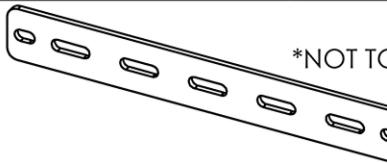
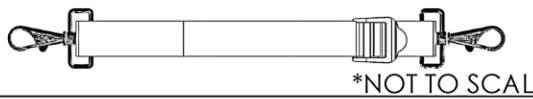
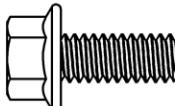
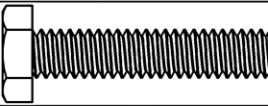
Before You Begin

- **Read all instructions prior to installing.**
- **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.**
- **If installing 40226 Vented Cabinet Exhaust Kit read through and follow those instructions first.**

Parts List

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		102278	25 X 8 X 14 VENTED CABINET	1
2		102277	WELDED VENT CABINET BTM MOUNT BRKT	2
3		18-40225	40225 HARDWARE KIT	1

Hardware

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1	 *NOT TO SCALE	4861-10-001	KNOCK DOWN UPPER MOUNT	1
2	 *NOT TO SCALE	4861-10-002	KNOCK DOWN CONNECTING STRAP	1
3	 *NOT TO SCALE	100577	1IN NYLON STRAP W/ SWIVEL HOOKS	2
4		92979A114	1/4"-20 X 5/8" FLANGED HEX HEAD	7
5		13800	1/4"-20 X 1-1/4" HEX HEAD BOLT	6
6		0167030	1/4"-20 FLANGED LOCK NUT	7

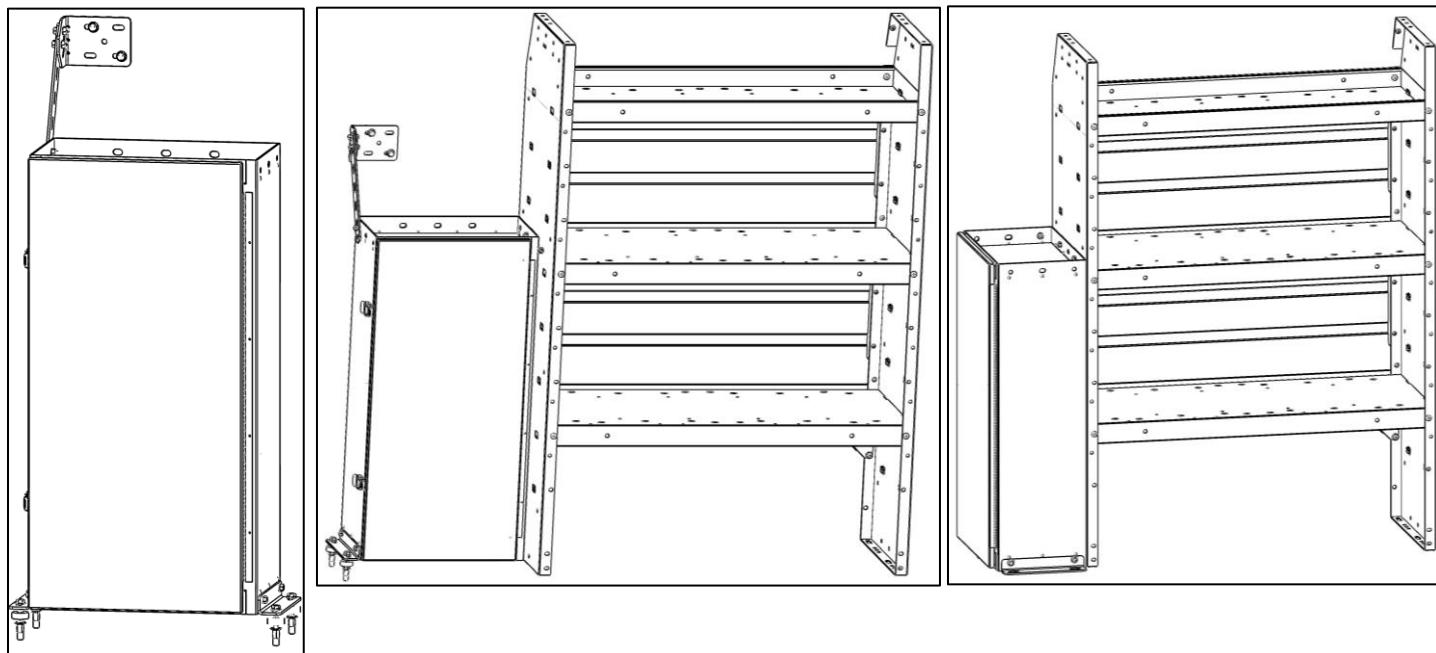
Hardware Cont.

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
7		33078	1/4" FLAT WASHER	6
8		33618	1/4" LOCK WASHER	6
9		97217A393	1/4"-20 PLUS NUT	6
10		11517442	3/8" ID 1" OD NYLON SPACER	4

Step 1 – Find Mount Location

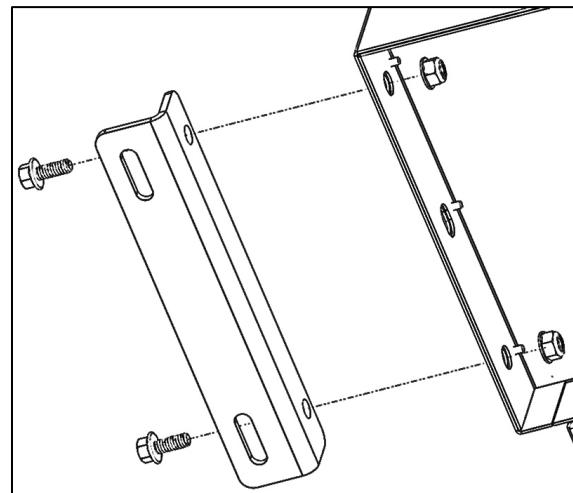
- Determine location of where the vented cabinet will be placed.
- Vented cabinet may be installed either as a standalone unit or against a shelf. No matter which installation method is used, it is recommended the vented cabinet be installed to the floor and securely fastened to the vehicle.

NOTE: The vented cabinet is symmetrical and can be installed in either orientation so the door can open to the right or left.



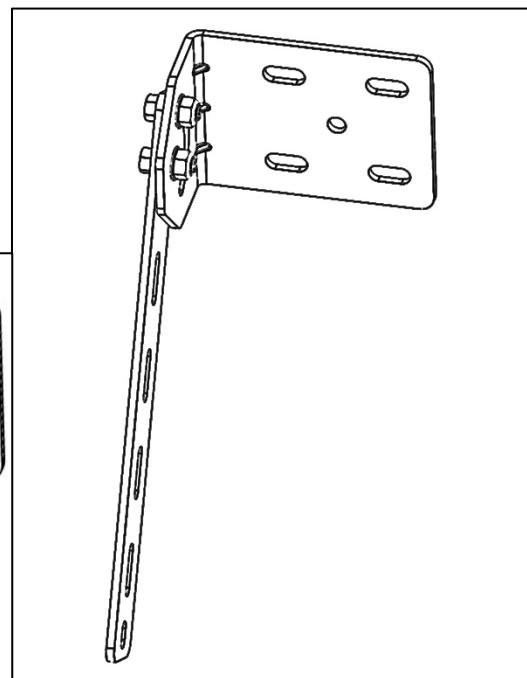
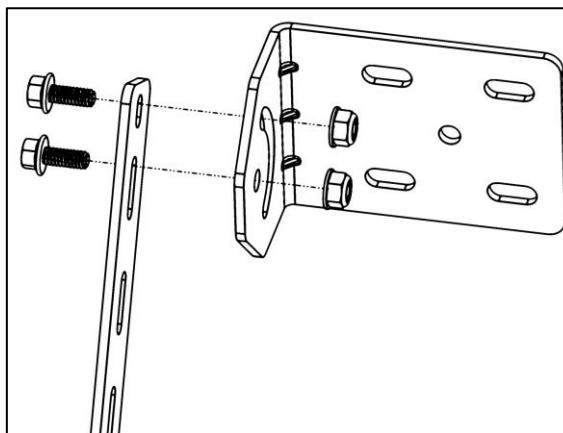
Step 2 – Install Bottom Mount Bracket

- Using two 1/4" X 5/8" flanged hex head bolts, two 1/4" flanged hex head nuts, attach the bottom mounting bracket to the bottom of the cabinet.
- Repeat on the opposite side depending on the installation application. Use both bottom mounting brackets if your application allows for it. **Always use minimum of one bottom mounting bracket.**
- Tighten these down as you will be unable to access them later.



Optional Step 3 – Assemble Top Mount

- Secure upper mount bracket and strap together using two 1/4" x 5/8" flanged hex head bolt, and two 1/4" flanged lock nuts.
- Snug tighten, but allow movement.

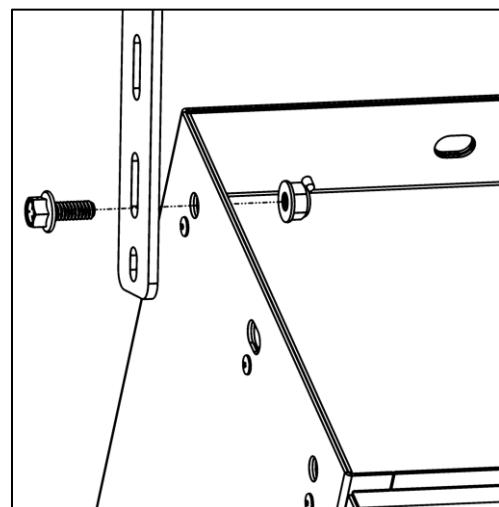


Optional Step 4 – Strap to Cabinet

- Place strap flat against cabinet.

Note: Depending on your installation application the strap can be placed either outside or inside of the cabinet wall.

- Align strap with one of the holes in the top of the cabinet.
- Use a 1/4" X 5/8" flanged hex head bolt, 1/4" flanged nut to attach the strap to the cabinet.
- Snug tighten, but allow movement.



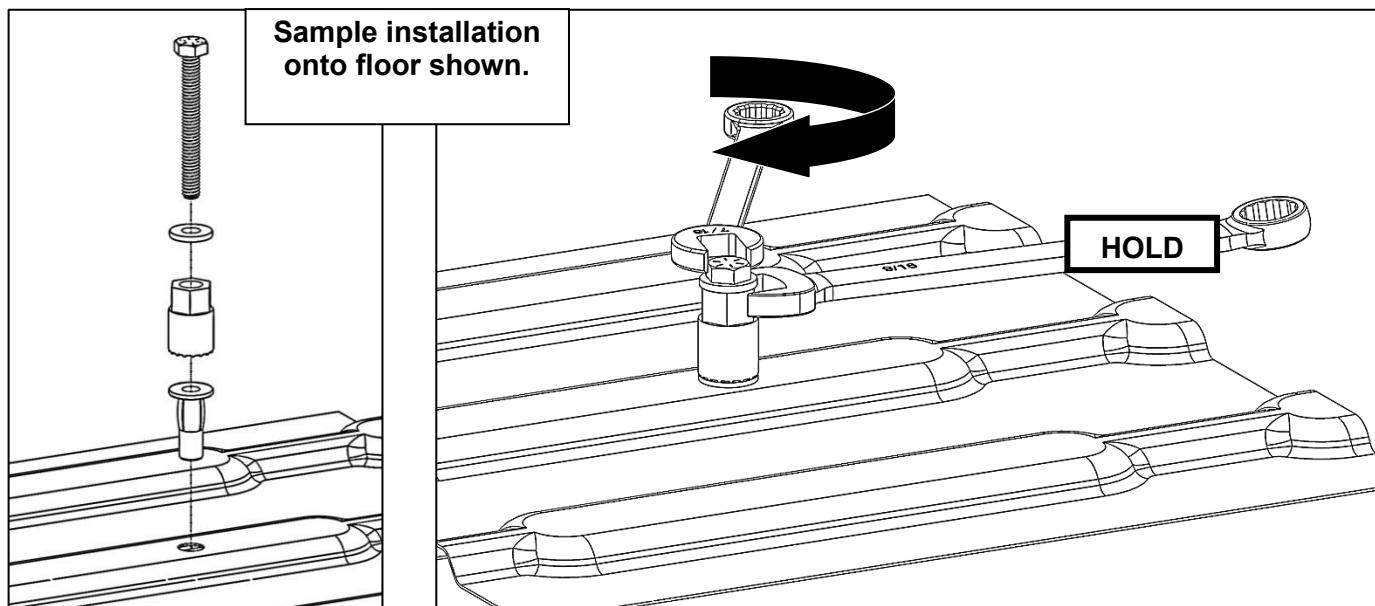
Step 5 – Mark and Install Plus-nuts

- Place cabinet in the desired location inside of the van.
- Place upper mount bracket firm against a structural member of van.
- Mark hole locations on the upper mount and bottom mount brackets.
- Move the cabinet out of the way and install plus-nuts.

NOTE: The locations of these holes will vary based on your vans application. We recommend installing at least 2 plus-nuts per upper mounting bracket. Be sure to use a drill stop as to not damage the exterior of the vehicle.

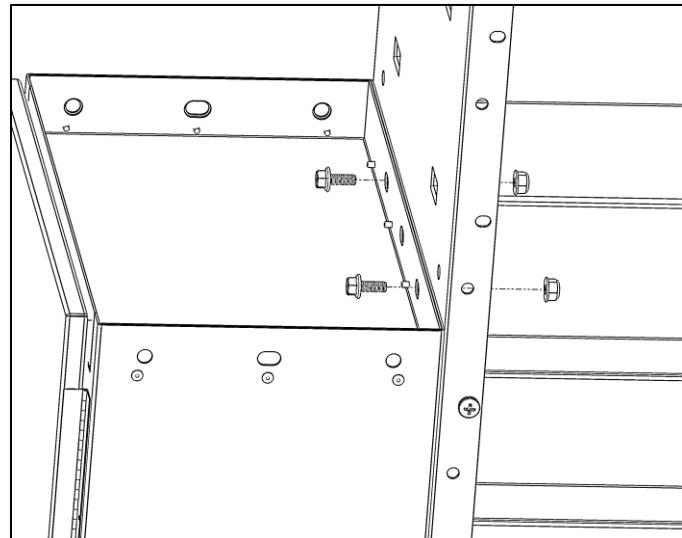
! **DO NOT drill beyond depth of floor or upper installation surface. Always check for wires, fuel tanks and lines, brake lines and other important vehicle functionality items prior to drilling and installing all products.**

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



Optional Step 6 – Install Cabinet To shelf

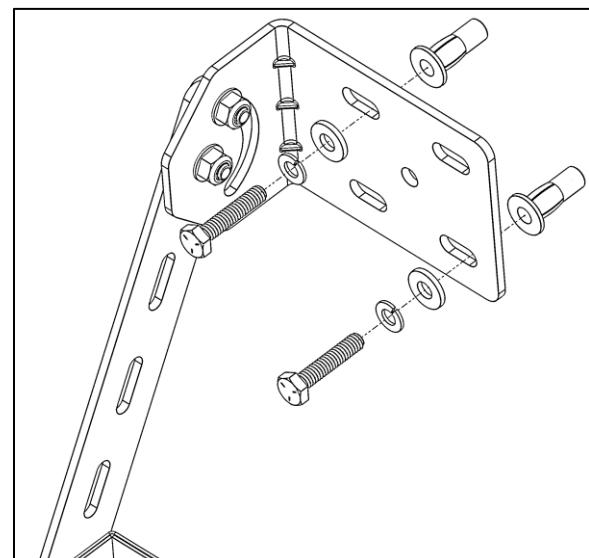
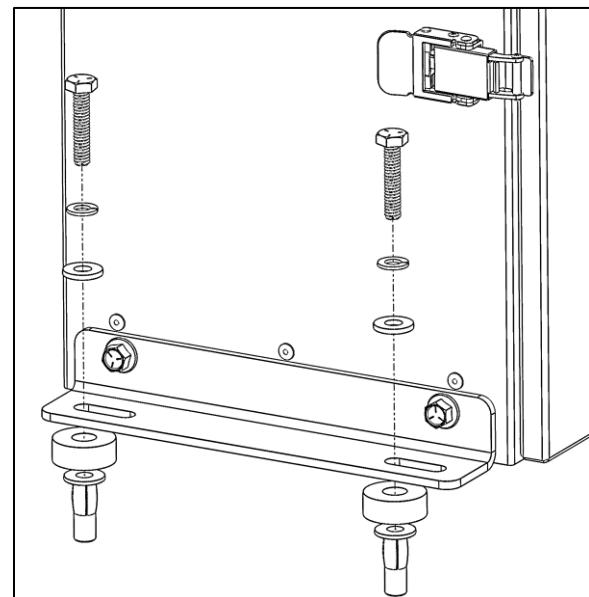
- Using a 5/16" drill bit, drill through the shelf side using the top holes on the cabinet as a guide.
- Using two 1/4" X 5/8" flanged hex head bolts, two 1/4" flanged hex head nuts, attach the cabinet to the shelf.



Step 7 – Install Cabinet

- Using two 1/4" X 1-1/4" hex head bolts, two 1/4" lock washers, two 1/4" washers, and two 3/8" spacers (optional) to secure the vented cabinet into previously installed plus-nuts. Use the 3/8" spacers as needed to account for the ridges in the floor.
- Repeat on opposite side if needed.

- Using two 1/4" X 1-1/4" hex head bolts, two 1/4" lock washers, and two 1/4" washers, secure the upper mount into plus-nuts.



**GO BACK AND TIGHTEN ALL
HARDWARE.**

INSTALLATION IS COMPLETE.