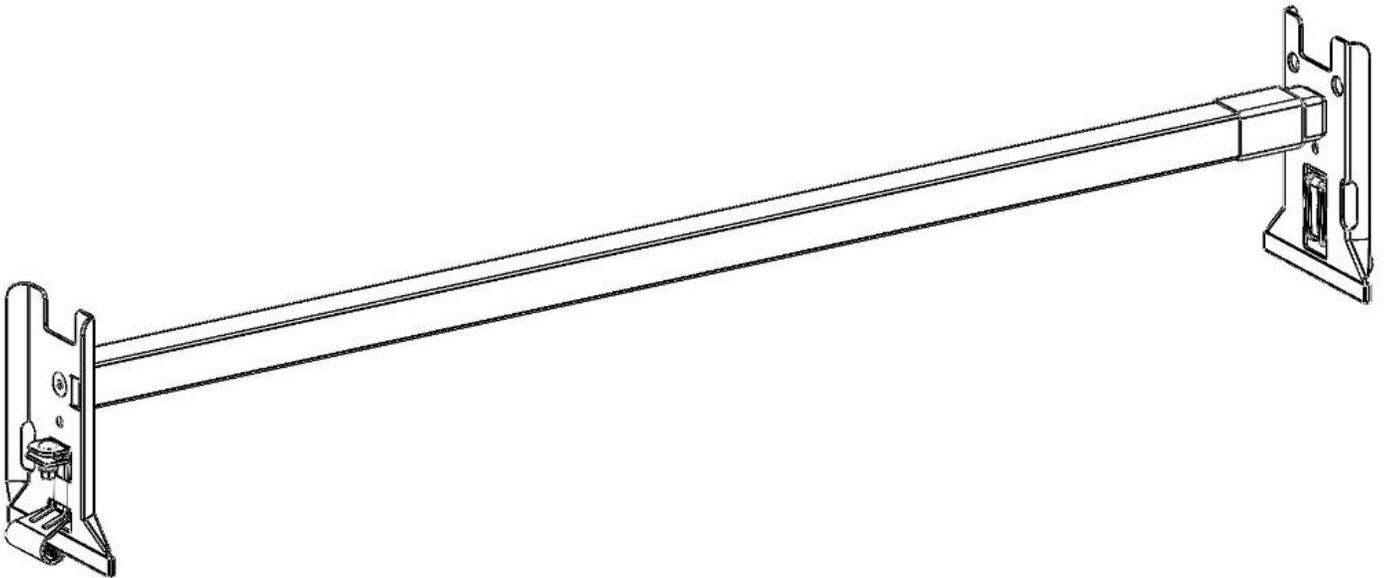


Holman

Instruction Guide 40824



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 MANUFACTURERS WEIGHT CAPACITY FOR ROOF.



Secure all payloads properly for safe transportation.



DO NOT OVERTIGHTEN GUTTER CLAMPS to avoid damage to gutters, roof, and vehicle.

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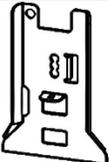
Tools Needed

1/2" Socket and Wrench	5/16" Allen Hex Wrench
3/16" Allen Hex Wrench	

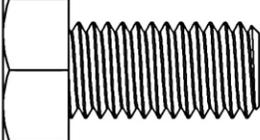
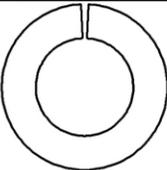
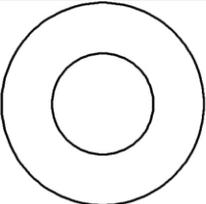
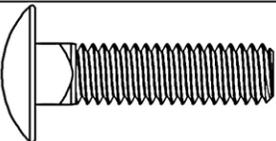
Before You Begin

- Read all instructions prior to assembling or installing any Holman product.
- **Always locate your installation locations prior to performing any work.**
- **40824 is designed as an add-on to to 40823 and MUST be installed between the two 40823 crossbars.**

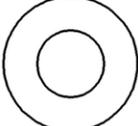
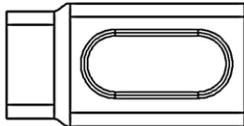
Parts List

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		13-02005	CROSSBAR TUBE LONG	1
2		11-02031	PASSENGER SIDE CROSSBAR FOOT ASSEMBLY	1
3		11-02030	DRIVER SIDE FOOT ASSEMBLY	1
4		13-02010	CROSSBAR TUBE SHORT	1
5		11-02085-R1	GM GUTTER CLAMP	2
6		18-40824	HARDWARE KIT	1

Hardware

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		0135144	3/8"-16 x 3/8" SET SCREW	1
2		11241227	1/2"-13 x 1" HEX HEAD BOLT	2
3		1133626	1/2" Lock Washer	2
4		11137086	1/2" WASHER	2
5		97000A522	5/16-18 X 1-1/4" CARRIAGE BOLT	2

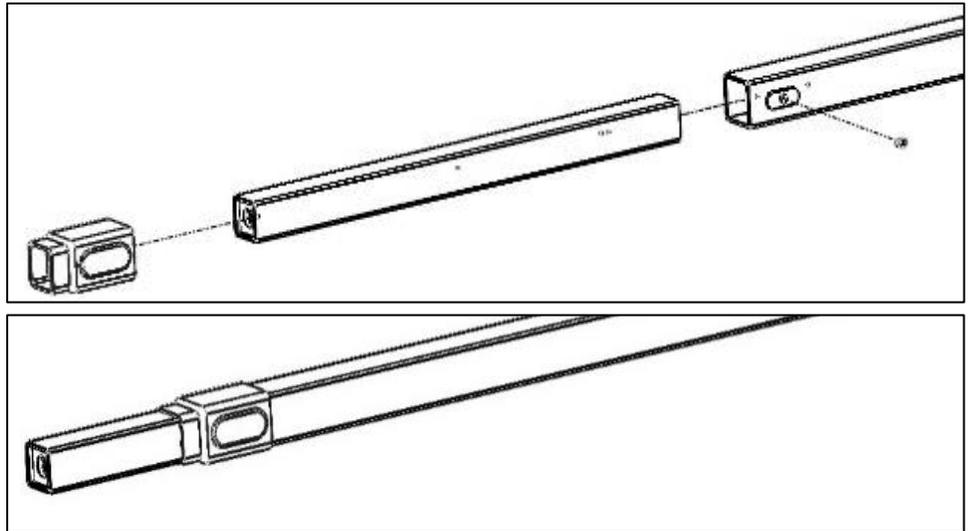
Hardware (Continued)

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
6		33080	5/16" WASHER	2
7		37521	5/16"-18 LOCK NUT	2
8	 NOT TO SCALE	11-3742PVC	PVC SLEEVE	1

DO NOT EXCEED MANUFACTURERS WEIGHT CAPACITY FOR ROOF!

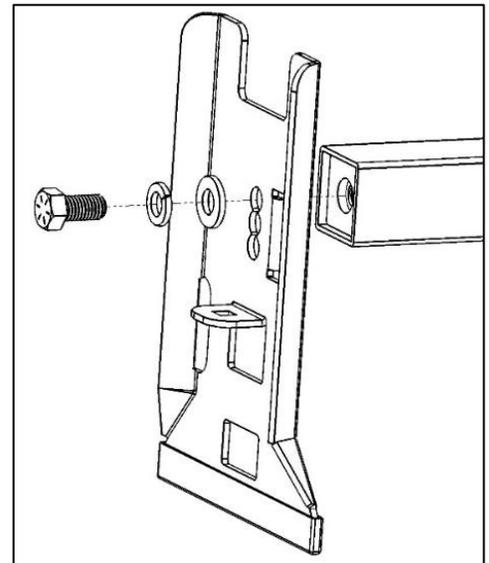
Step 1 – Assemble Cross Bar

- Insert the short cross tube into the larger cross tube.
- **LOOSELY** install the 3/8" x 3/8" set screw into the cross tube.
- Slide the PVC sleeve over the small cross tube until it covers the joint section and set screw.



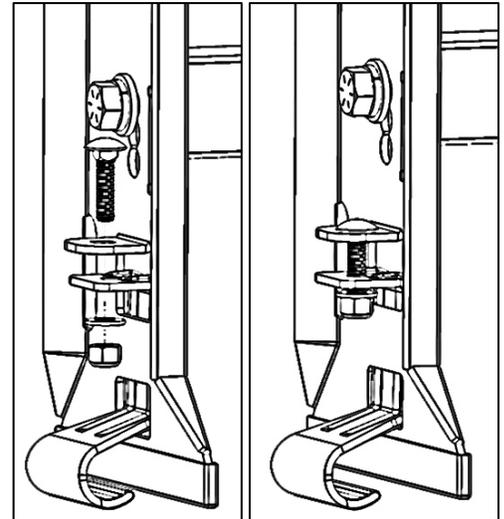
Step 2 – Attach Mount Feet to Crossbars

- Attach each foot to the crossbars using a 1/2" x 1" hex head screw, 1/2" lock washer, and 1/2" flat washer.
- Snug tighten.



Step 3 – Prepare Mount Feet

- Insert the gutter clamp into the feet. The clamp is installed at an angle and rotated into place as shown below.
- **LOOSELY** attach each clamp to feet using a 5/16" x 1-1/4" carriage bolt, a 5/16" flat washer and a 5/16" lock nut, as shown. **DO NOT TIGHTEN!**



Step 4 – Install Crossbar on Van Roof

NOTE: If 40823 is already installed on vehicle, it may be necessary to move the front crossbar assembly forward to accommodate 40824 extra crossbar. 40824 **MUST** install between the two bows included in 40823.



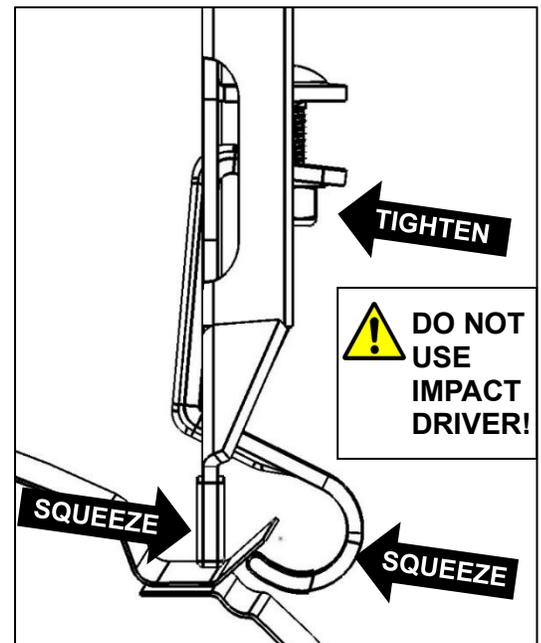
The GM van roof curves downward towards the rear of the van. The rear foot should be placed forward of this curve to ensure proper installation.

- Place crossbar assembly on top of van, adjusting width of the cross tubes as needed.
- Squeeze the rain gutter between the foot and gutter clamp.
- Tighten nut until foot and gutter clamp are squeezing the gutter, as shown.



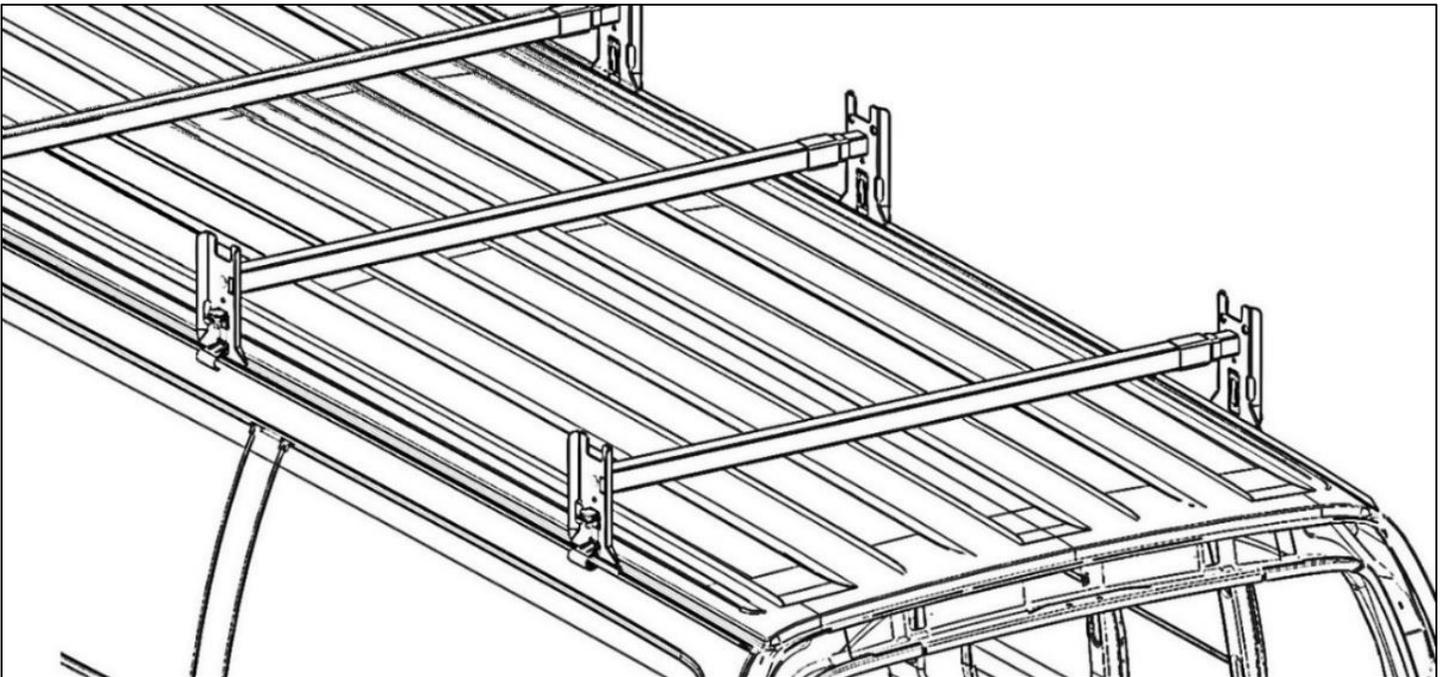
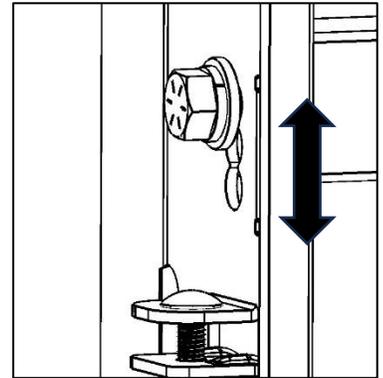
DO NOT OVERTIGHTEN clamping 5/16" nut. Damage to roof may occur. Be cautious of excess OEM seam sealer build up. Feet and clamp will not clamp correctly or maintain grip if installed on top of seam sealer.

- Check that crossbar assembly is square and centered above vehicle. If necessary, loosen clamping nut and reinstall to gutter.
- Tighten the hex head screw securing foot to crossbar.
- Tighten crossbar set screw and slide the PVC sleeve over the joint section and set screw once the rack.
- Vigorously shake rack to test rack is fully secured. **It may be necessary to re-tighten mounting foot hardware.**



Step 5 – Adjust Crossbar Height

- Check that all crossbars are about level. The extra crossbar feet are adjustable to three positions.
- If necessary, loosen the bolts and adjust the height of the extra crossbar. **Be sure to hold feet in vertical position while adjusting height.**



GO BACK AND INSPECT EACH FOOT TO ENSURE EACH IS SECURELY FASTENED TO THE VEHICLE GUTTER AND NOT ON TOP OF FACTORY SEAM SEALER.

VERIFY THAT ALL HARDWARE IS TIGHTENED.