

// K NAPHEIDE VAN EQUIPMENT

# ***PARTITION WITH SLIDING DOOR INSTALLATION INSTRUCTIONS***

## **Partition with Sliding Door on Ram Promaster Chassis**



**This document is derived from 35254569**

This document must not be copied or communicated to a third party without the expressed authorization of The Knapheide Manufacturing Company.

FOR REF ONLY

Printed copies are uncontrolled.

## **INTRODUCTION** //

Knapheide takes pride in manufacturing the highest quality products available in the truck equipment industry. Proper operation and maintenance of Knapheide products will assure many years of service. Thoroughly read and understand all of the information provided in this manual/instruction and all other manuals for related OEM equipment and vehicle for this upfit. Follow all of the manufacturers' recommendations to ensure proper use of the equipment and qualify for product warranty support.

This manual/instruction and other information provided by The Knapheide Manufacturing Company, its subsidiaries, and authorized distributors, are designed to provide system and accessory operation and/or installation instruction for use by personnel with technical expertise of the product. Users should examine their system and determine the functionality of all included accessories with the help of this manual/instruction. This manual/instruction may not account for all options, equipment, and other added accessories which could impact the direction given. The user of this information is responsible for ensuring all performance and safety requirements of the application are met. If additional information or assistance is needed, please contact Knapheide.



The Knapheide Product Support Center  
1848 Westphalia Strasse | P.O. Box 7140 | Quincy, IL 62305

P: 217-592-5233 |

[productsupport@knapheide.com](mailto:productsupport@knapheide.com)

**Knapheide product warranty information**

can be found at

<https://www.knapheide.com/files/source/knapheide/Service/Knapheide-Warranty.pdf>

LATEST MAJOR REVISION			
Rev. #	Explanation of Revision(s)	Page(s) Affected	Rev. Date
1	Initial Creation	All	11/6/24

**// HARDWARE**



Plus Riv-Nut  
5/16"-18  
50903910 Qty. 6



Set Screw  
5/16"-18 x 2-1/2"  
30708230 Qty. 6



Nylon Spacer  
3/4" L-5/16" ID-3/4" OD  
31836150 Qty. 6



Sealing Washer  
0.43" x 1.00"  
12051132 Qty.6



Flanged Locknut  
5/16"-18  
30708270 Qty. 6



Ribbed Riv-nut  
1/4"-20  
57904110 Qty. 9



Whiz Bolt  
0.25" x 1.00"  
12065082 Qty. 9

**CAUTION: Use of hardware other than provided, or alternative installation methods other than outlined herein, may void the product warranty. Fasteners should be tightened to called-out specifications or use the Fastenal website torque calculator for any hardware not called out. Use caution when using air or battery-operated tools.**

## // INSTALLATION INSTRUCTIONS

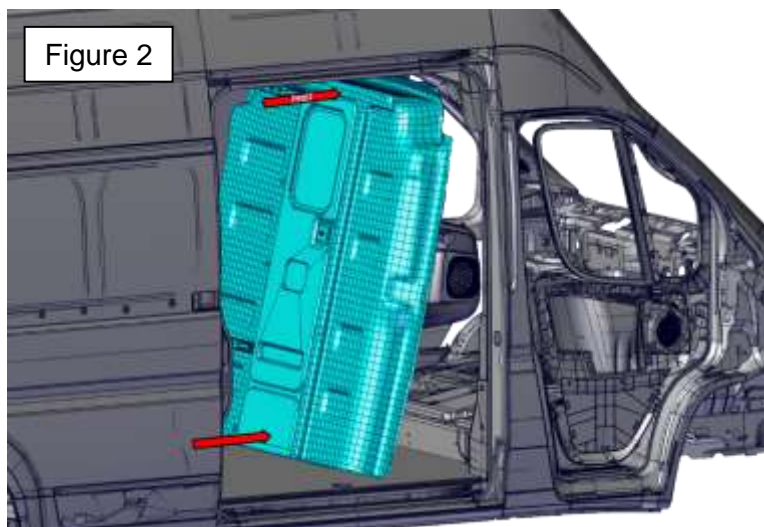


**WARNING!** Before drilling into any part of a vehicle, check behind and underneath drilling and mounting locations for electrical wire, fuel lines, brake lines, and other critical vehicle components. Adjust the drilling location as required to avoid these components. Failure to do so can result in death or serious injury in addition to impairing critical vehicle functions.

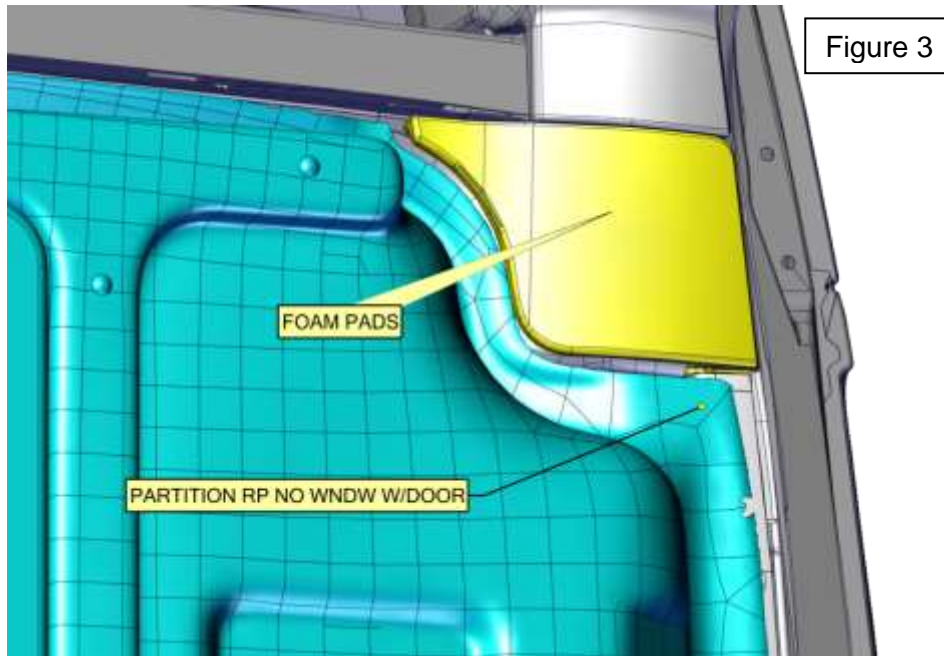
1. Remove the front half of the cargo door seal.



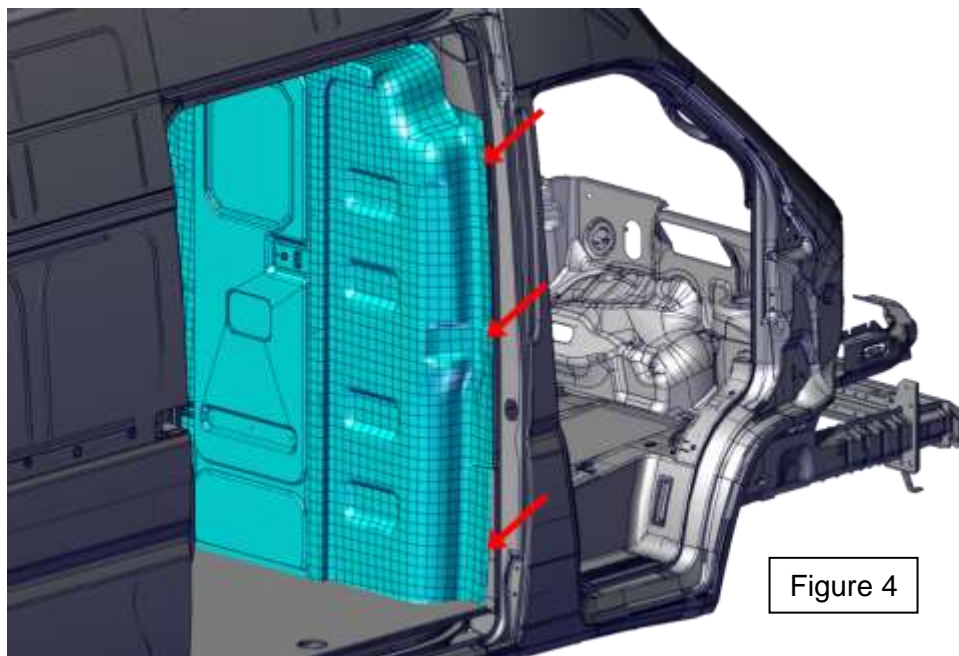
2. After unpacking, position the partition in the vehicle as shown in Figure 2. Slide the partition forward to the front of the cargo area just behind the cab seats. Tilt the top of the partition forward and push the bottom in place. Push both sides forward to fit snugly against the right and left B-pillars of the van.



3. The corner edge of the partition must fit around the two factory-installed foam pads.



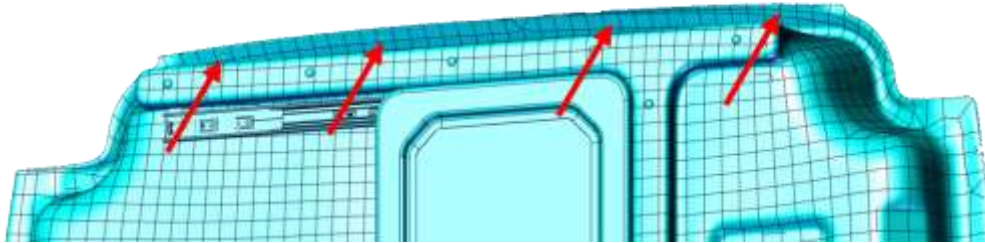
4. Use the partition and brace as a template to mark the hole locations, 3 per side, along the right and left pillars.





5. Use the partition as a template to mark four hole locations on the cab upper crossmember.

Figure 5



6. Make sure the partition is secure against the B-pillars. Use the floor brace as a template to mark hole locations to be drilled.

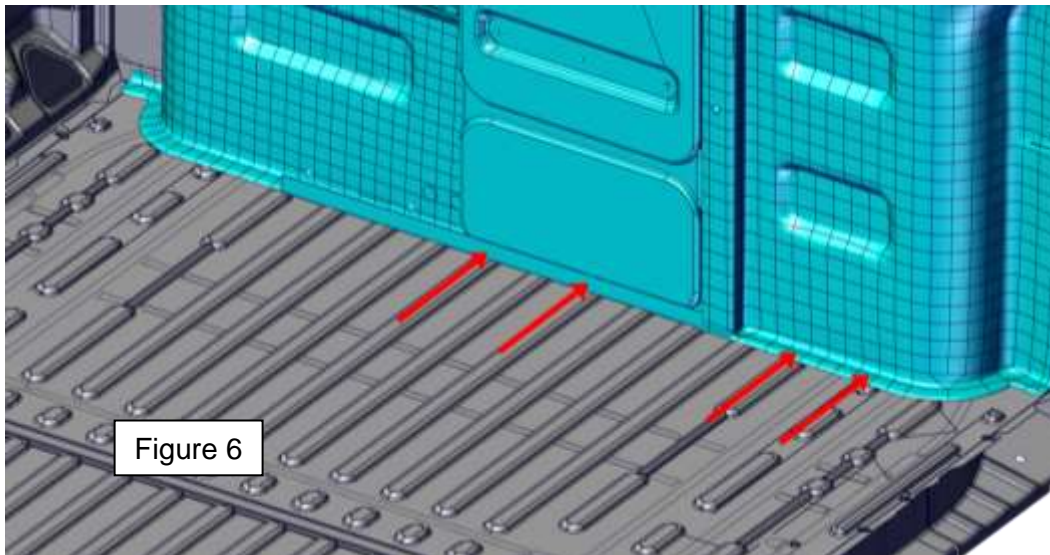


Figure 6

7. Slide the partition back out of the way or remove it from the van so that holes can be drilled in the floor.

**CAUTION: Use a stop collar when drilling into the van sheet metal to eliminate the risk of damage to hidden components.**

8. Drill 25/64" holes in the van floor at marked locations.

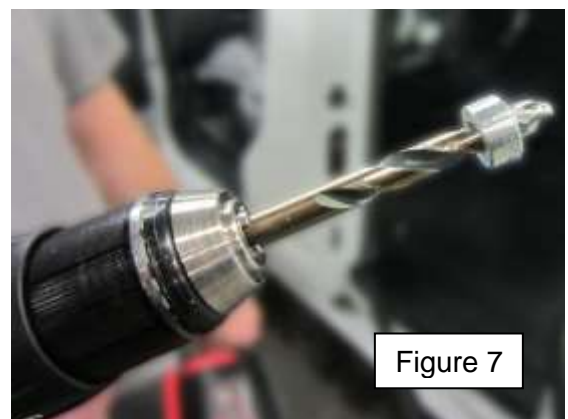
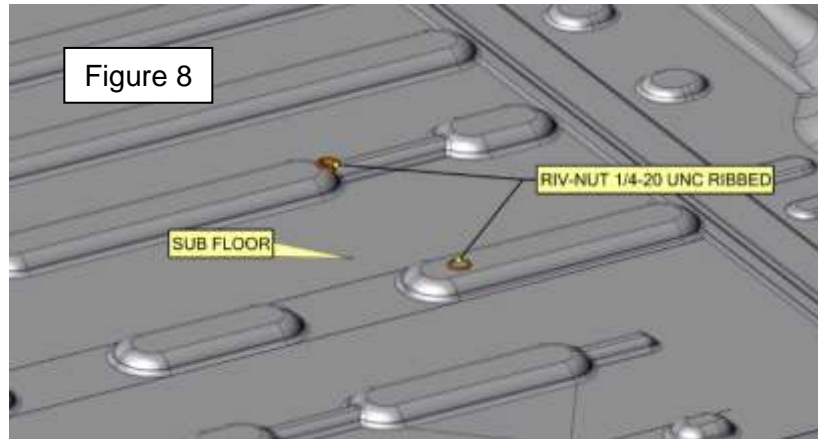
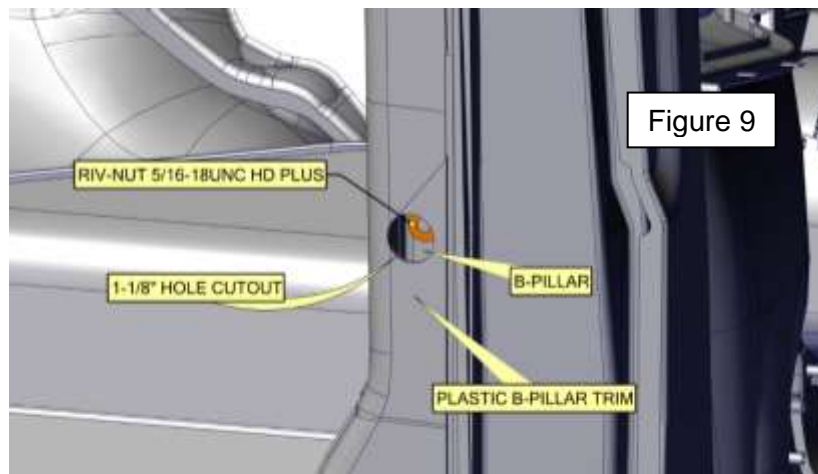


Figure 7

9. Install 1/4-20 Ribbed Riv-nuts in each hole.

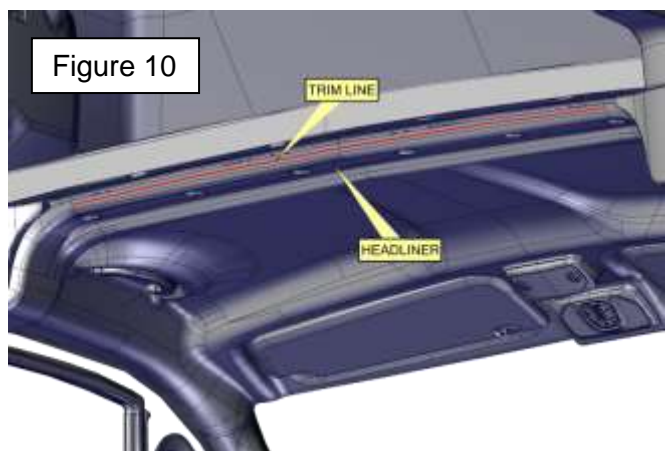


10. Use a 1-1/8" hole saw to drill through the plastic trim, only in the doorways, in locations previously marked. **DO NOT drill into the B-pillar.**
11. Drill 1/2" holes in the B-pillars in previously marked locations, three on the left side and three on the right side. **DO NOT damage seat belt mechanisms or other components located in the B-pillars.**

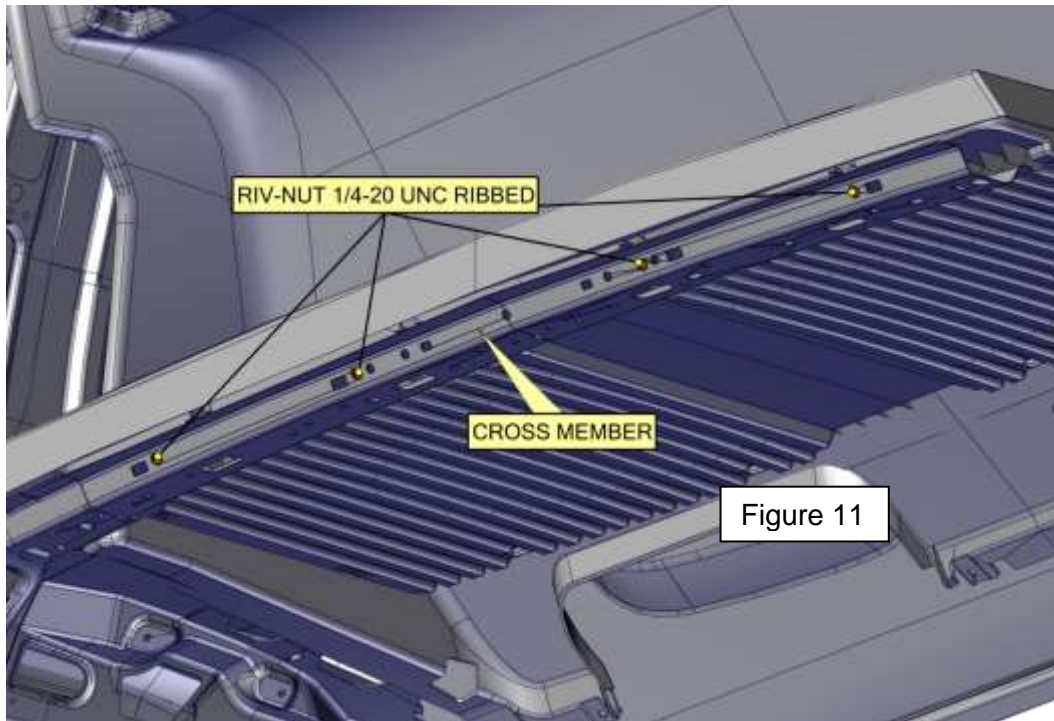


12. Install 5/16-18 Riv-nuts in the six holes.
13. Carefully trim the cab headliner where Riv-nuts will be installed in the cab upper crossmember.

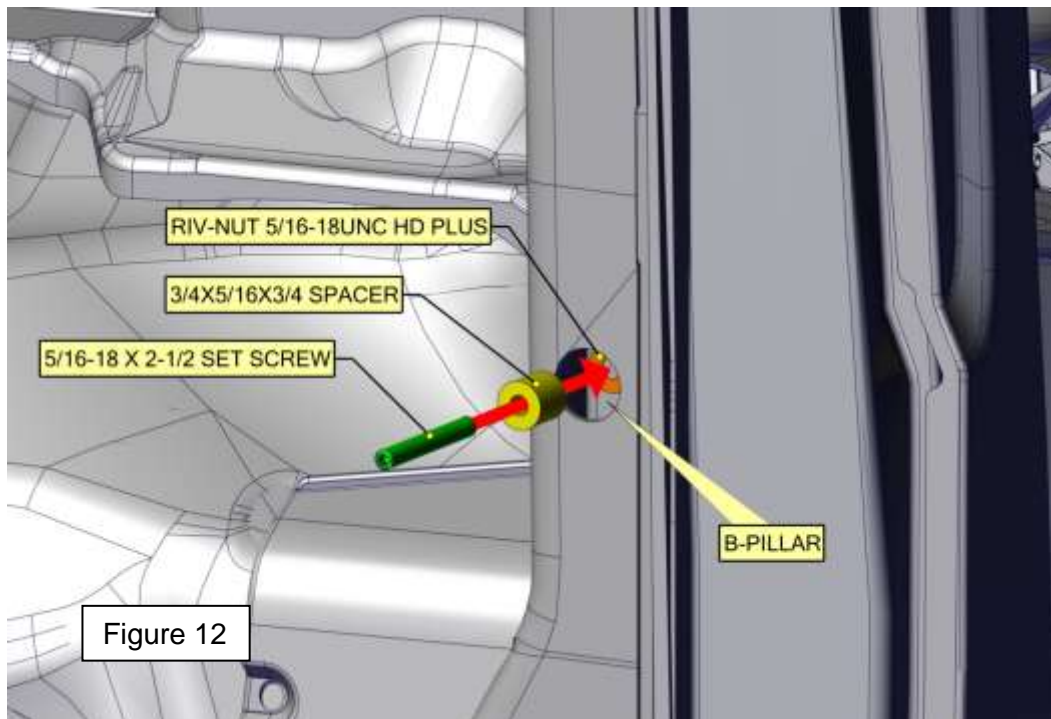
**CAUTION: Use a stop collar when drilling into the van sheet metal to eliminate the risk of damage to hidden components.**



14. Use a 25/64" drill bit equipped with a bit collar to drill through the van crossmember in the marked locations.
15. Install 1/4-20 Riv-nuts in the previously drilled hole locations.

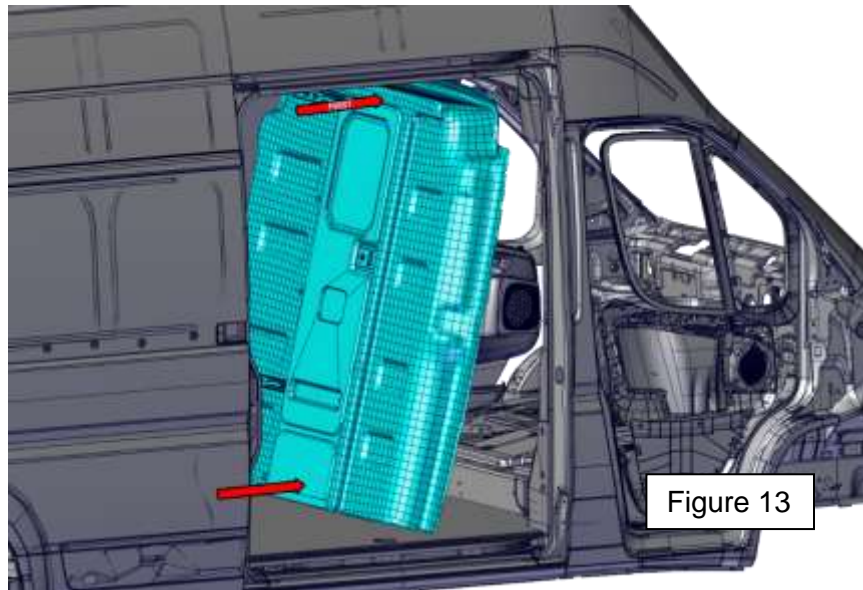


16. Install set screws and nylon spacers into the B-pillars (six locations). **Make sure the hex end of the set screw is facing outward.**

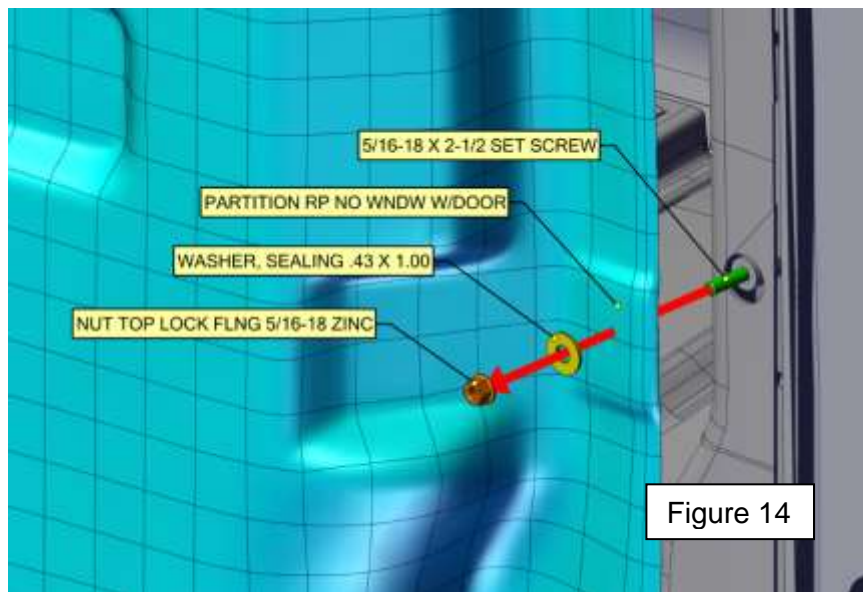




17. Re-install the partition in the van. Tilt the top of the partition forward and push the bottom in place.

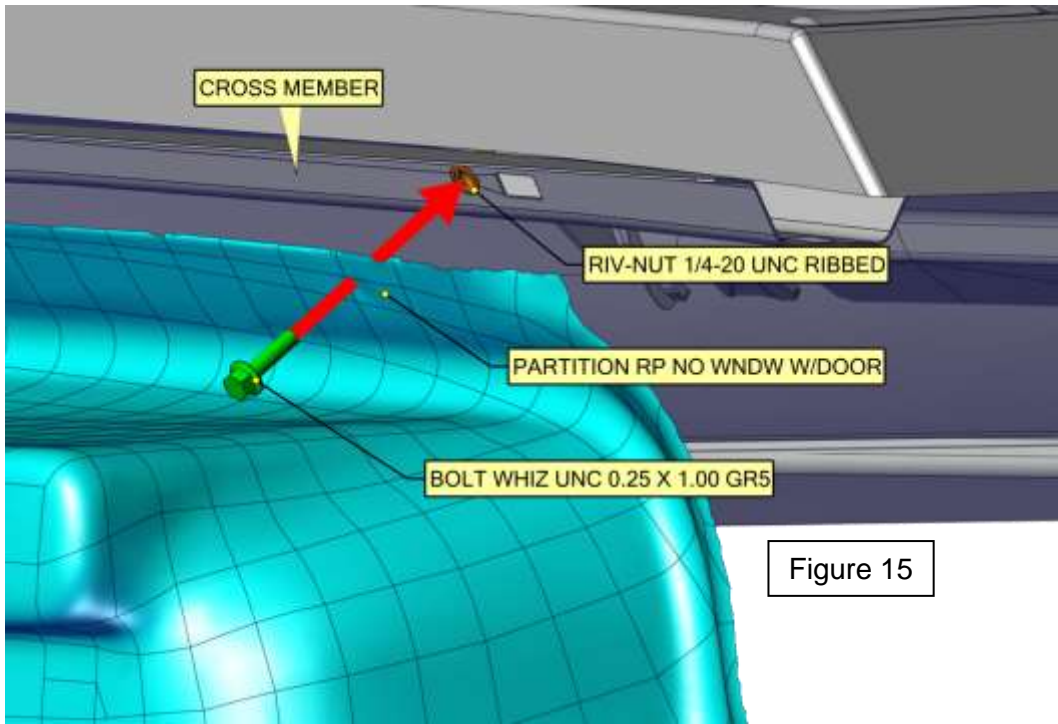


18. Make sure the partition fits over the set screws and snugly against the B-pillars.

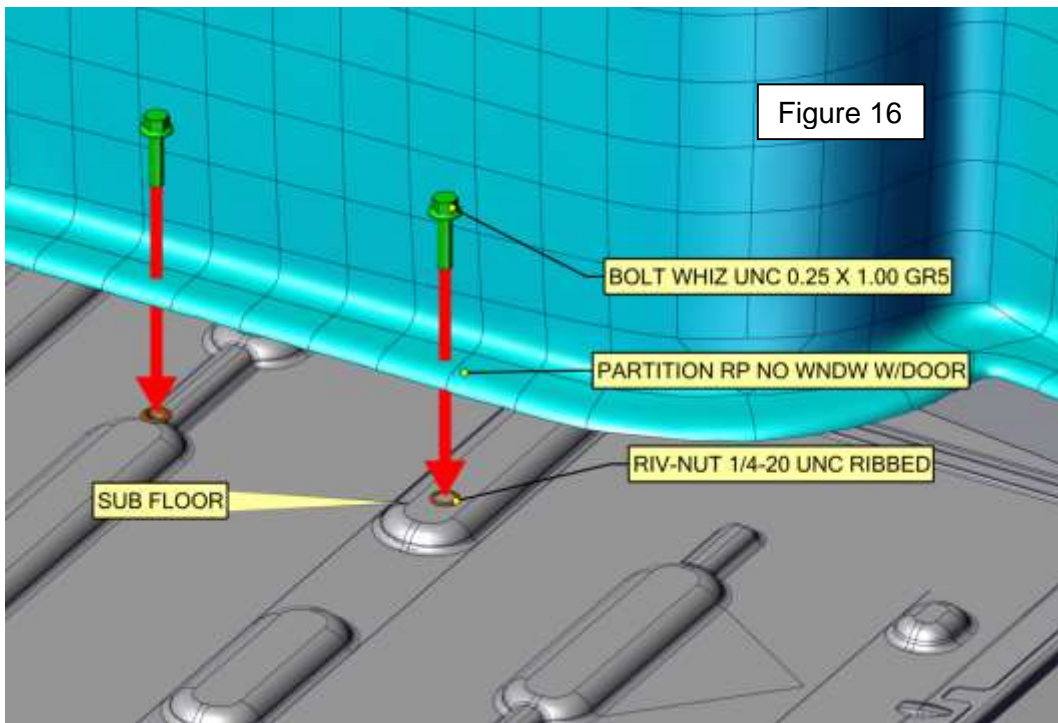


19. Install a sealing washer and hand tighten a flange nut on each set screw.
20. Reinstall the cargo door seal. Make sure the door seal fits snugly, partially covering the flange nuts.
21. Use an allen wrench to tighten the set screw or hold it in place so the nut can be tightened with a standard wrench. The partition should fit snugly against the B-pillar and the tip of the set screw should be flush with the outer surface of the flange nut.

22. Secure the top of the partition to the crossmember above the cab with four 1/4-20 x 1" whiz bolts. Torque to 6 ft.-lbs. +/-1 ft.-lb.



23. Secure the bottom of the partition to the floor with five 1/4-20 x 1" whiz bolts. Torque to 6 ft.-lbs. +/-1 ft.-lb.





The Knapheide Product Support Center  
1848 Westphalia Strasse | P.O. Box 7140 |  
Quincy, IL 62305

P: 217-592-5233 |  
[productsupport@knapheide.com](mailto:productsupport@knapheide.com)