



RAM PROMASTER PARTITION INSTALLATION INSTRUCTIONS



EXXPANDTM
www.sortimo.knapheide.com



The following instructions detail the procedure for installing a Sortimo By Knapheide Partition in a Ram Promaster. This guide is intended to walk you through a step by step installation.

Contents

Hardware	3-4
Partition Preparation	5-10
Partition Installation	11-19

Warranty and Limitation of Liability

SORTIMO N.A. warrants its van interior equipment to be free from defects in material and workmanship, under normal use and service for a period of three years or 36,000 miles, whichever occurs first, after the date of delivery to the original retail purchaser, when installed by an authorized SORTIMO Distributor and/or SORTIMO N.A. Upfit facility. Products not installed by an authorized SORTIMO Distributor and/or SORTIMO Upfit facility will not be subject to any warranty whatsoever and ANY AND ALL WARRANTIES WHATSOEVER RELATIVE TO SUCH SALES ARE HEREBY FULLY AND EXPRESSLY DISCLAIMED. This warranty only provides for the following remedy: repairs at the point of SORTIMO N.A.'s main place of business or any of its Distributor locations, or part replacements in part or in full to correct any defects related to material and workmanship. This warranty does not apply to products not installed by an authorized SORTIMO Distributor and/or SORTIMO N.A. Upfit facility.

HARDWARE



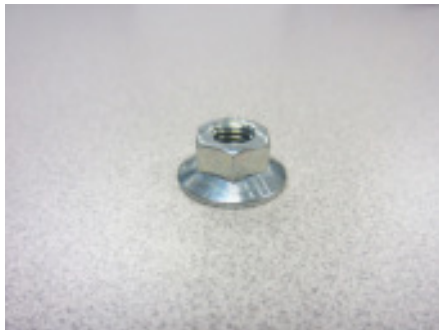
(27) Whiz Nut
1/4-20
Part# 12030144



(6) Set Screw
5/16-18 x 2-1/2
Part# 30708230



(9) Ribbed Riv-nut
1/4-20
Part# 57904110



(6) Flanged Locknut
5/16-18
Part# 30708270



(27) Carriage Bolt
1/4-20 x 3/4
Part# 30900780



(6) Spacer
3/4 O.D. x 5/16 I.D. x 3/4
Part# 31836150



(6) Rivnut Plus
5/16-18
Part# 50903910

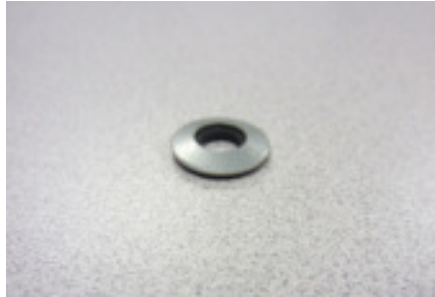


(9) Whiz Bolt
1/4-20 x 1
Part# 12065082

HARDWARE



(6) Sealing Washer
.43 x 1.00
Part# 12051132



(5) Sealing Washer
.27 x .562
Part# 12051207



(4) Button Head Screw
1/4-20 x 1
Part# 31451250



(1) Grab Handle Bracket
Part# 26256958



(1) Grab Handle
Part# 26268821



(1) Floor Brace
Part# 26256933



(1) B-Pillar Brace
Part# 26256941

CAUTION: Use of hardware other than provided, or alternative installation methods other than outlined herein, may void the product warranty. Fasteners should be snug, but not overtightened. Use caution when using air or battery operated tools.

PARTITION PREPARATION



1.1 Use a 1/4" drill bit to drill through the four dimples in the top of the partition.



1.2 Drill 1/4" holes through the dimples on the left and right side partition flanges.



1.3 Stand the partition up and place the floor brace against the cab side bottom of the partition. Center the floor brace against the partition.

***NOTE:** If a subfloor is installed in the van, the top of the partition must be trimmed to accommodate the floor thickness.*

PARTITION PREPARATION

1.4 Align the floor brace with the dimples molded into the partition. Use the floor brace as a template to drill 1/4" holes at each position.



1.5 Attach the floor brace to the partition by inserting 1/4-20 x 3/4" carriage bolts from the cargo side and securing with 1/4-20 nuts on the cab side.



1.6 Position and clamp the B-pillar brace to the partition as shown (both sides).



PARTITION PREPARATION



1.7 Use the brace as a template to drill 1/4" holes through the partition at the location shown (right and left sides of partition).



1.8 Attach the brace to the partition by installing 1/4-20 carriage bolts from the cargo side and securing with 1/4" nuts on the cab side.



1.9 Remove the c-clamps and drill 1/4" holes in the partition through the upper and lower holes of the B-pillar brace flanges. **DO NOT drill through the middle row of holes in the brace.**

PARTITION PREPARATION

1.10 Install carriage bolts and nuts in the remaining holes and secure the brace to the partition s shown.



1.11 Self-locate the grab handle bracket on the passenger cab side of the partition (narrower end of bracket to the top). Using the bracket as a template, drill six 1/4" holes through the partition.



1.12 Attach the bracket to the partition by installing carriage bolts from the cargo side and securing with nuts on the cab side.



PARTITION PREPARATION



1.13 Locate the two interior holes on the grab handle bracket and drill $\frac{1}{4}$ " holes.



1.14 Install the grab handle on the cargo side of the partition and secure it with $\frac{1}{4}$ " nuts on the cab side.



1.15 Install the caps on the grab handle.

PARTITION INSTALLATION

1.16 The partition is now ready to be installed into the van.



PARTITION INSTALLATION

WARNING!



Prior to 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.



2.1 Remove the front half of the cargo door seals on the left and right cargo door openings.



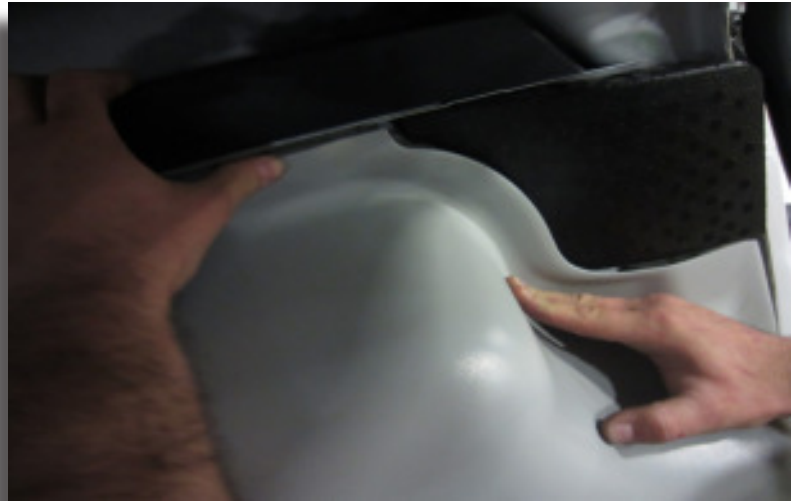
2.2 Lift the partition into the van.

PARTITION INSTALLATION

2.3 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.



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



2.5 Use the partition and brace as a template to mark the hole locations along the right and left B-pillars.



PARTITION INSTALLATION



2.6 Use the partition as a template to drill four 25/64" holes into the cab upper crossmember.



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



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

PARTITION INSTALLATION

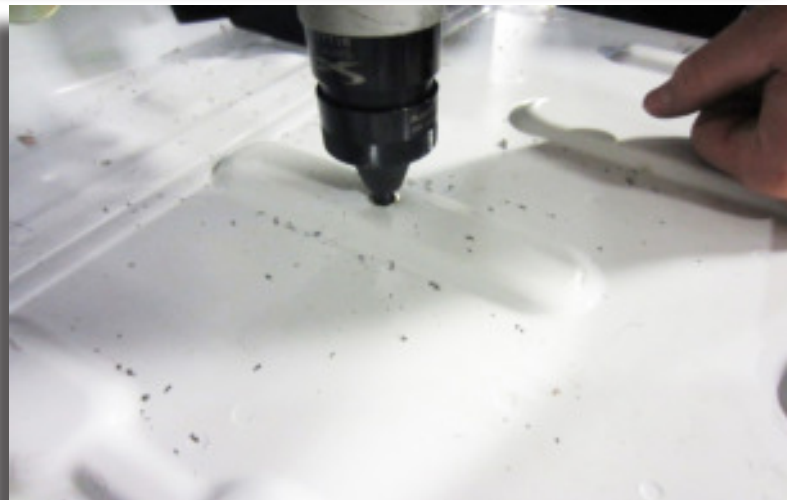
2.9 Use a stop collar when drilling into the van floor to eliminate risk of damage to fuel tank or lines underneath the floor.



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



2.11 Install five 1/4-20 ribbed Riv-nuts in each hole.



PARTITION INSTALLATION



2.12 Use a 1-1/8" hole saw to drill through the plastic trim in the doorways in locations previously marked.



2.13 Drill 1/2" holes in the B-pillars in previously marked locations (three on left side and three on right side). **DO NOT damage seat belt mechanisms or other components located in the B-pillars.**



2.14 Install 5/16-18 Riv-nuts in the six holes.

PARTITION INSTALLATION

2.15 Carefully trim the cab headliner where Riv-nuts will be installed in the cab upper crossmember.



2.16 Install 1/4-20 Riv-nuts in the previously drilled hole locations.



2.17 This photo shows the four Riv-nuts properly installed and the headliner neatly trimmed.



PARTITION INSTALLATION



2.18 Install setscrews and bushings into the B-pillars (six locations).



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



2.20 Make sure the partition fits over the setscrews and snugly against the B-pillars.

PARTITION INSTALLATION

2.21 Install a sealing washer and hand tighten a flange nut on each setscrew.



2.22 Re-install the cargo door seals.



2.23 Make sure the door seals fit snugly, partially covering the flange nuts.



PARTITION INSTALLATION



2.24 Use an allen wrench to tighten the flange nut (a backup wrench may be required). The partition should fit snugly against the B-pillar and the tip of the setscrew should be flush with the outer surface of the flange nut.



2.25 Secure the top of the partition with four 1/4-20 x 1" bolts.



2.26 Secure the bottom of the partition to the floor on the inside of the cab with five 1/4-20 x 1" whiz bolts.



EXXPANDTM

sortimo.knapheide.com | 844-EXXPAND

The Knapheide Manufacturing Company
1848 Westphalia Strasse
Quincy, IL 62305

Sortimo North America
3055 Northwoods Circle NW
Norcross, GA 30071

Document # 3894-02
April 2019