



MERCEDES METRIS PARTITION INSTALLATION INSTRUCTIONS



EXXPANDTM
www.sortimo.knapheide.com



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

Contents

Hardware	3
Partition Preparation	4-7
Partition Installation	8-14

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



(10) Ribbed Riv-nut
5/16-18
Part# 21900246



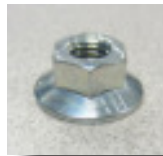
(6) Set Screw
5/16-18 x 2-1/2
Part# 30708230



(6) Spacer
1.00 O.D. x 5/16 I.D. x 3/4
Part# 32269170



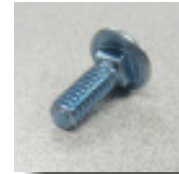
(10) Sealing Washer
7/16 x 1.00
Part# 12051132



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



(4) Hex. Head
Serrated Flange Bolt
5/16-18 x 1
Part# 31268790



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



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



(2) Button Head Screw
1/4-20 x 3/4
Part# 32269600



(1 ea.) Grab Handle Part# 26268821 &
Grab Handle Bracket
Part# 26268243



(1) B-Pillar Brace
Part# 26265546

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 Clamp the partition brace to the partition with vice-grips as shown.



1.2 Use the brace as a template to drill 1/4" holes through the partition at the second hole locations from the outer edges on the right and left sides of the partiton.



1.3 Secure the brace to the partition with 1/4-20 x 1 carriage bolts installed from the cargo side and 1/4-20 whiz nuts on the cab side.



PARTITION PREPARATION



1.4 Continue drilling 1/4" holes through the partition beginning with the middle hole location. Drill every other hole to the left and to the right. A total of (5) holes need to be drilled through the flat back section of the partition.

Also drill 1/4" holes (3 per side and 4 near the bottom) at the dimple locations where indicated.



1.5 Install (5) 1/4-20 carriage bolts from the cargo side of the partition and secure with nuts.



1.6 Use the grab handle bracket as a template to mark hole locations on the molded section of the partition (curb side/cab side) as shown.

PARTITION PREPARATION

1.7 Remove the bracket to reveal the markings for hole locations.



1.8 Drill (5) 1/4" holes through the partition as shown.



1.9 Secure the bracket to the partition with (3) 1/4-20 carriage bolts and nuts. The bolts should be installed from the cargo side of the partition.



PARTITION PREPARATION



1.10 Install the grab handle with (2) 1/4-20 x 1 button head screws installed from the cargo side of the partiiton. Secure with whiz nuts on the cab side. Tighten the screws with a 5/32" allen wrench and 1/4" socket.



1.11 Install plugs in the handle over the button head screws and protective nylon nut caps on all screw ends.

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 D-rings located on the left and right side of the cargo area just behind the seats.



2.2 Position the partition in the cab as shown with the top tilted forward. Push the bottom of the partition forward until it is secured against the B-pillars.



PARTITION INSTALLATION



2.3 Partially remove the door seal from around the curb side door opening. Make sure the partition contacts the the B-pillar plastic trim.



2.4 Use the partition as a template to mark hole locations on the B-pillars and the lower backs of the seats.



2.5 Temporarily remove the partition from the van.

PARTITION INSTALLATION

2.6 At the previously marked hole locations, drill (3) 1" holes through the plastic trim only on each B-pillar.

BE CAREFUL!! Drill only through the plastic trim. Seat belt mechanisms and wiring exist inside the B-pillars.



2.7 Do not drill through the B-pillar with the hole saw! Note the mark made by the pilot bit of the hole saw.



2.8 Install a drill bit collar on a 1/2" drill bit set to drill 1/4" deep.

Drill 1/2" holes through the B-pillars where the pilot bit made a mark.



PARTITION INSTALLATION



2.9 Drill 1/2" holes through the back of the seat frames where previously marked hole locations are indicated.

NOTE: Drill bit collar installed and set to drill 1/4" deep.



2.10 Use a Riv-nut gun to set 5/16-18 riv-nuts in the 1/2" holes in the B-pillars.



2.11 Install 5/16-18 ribbed Riv-nuts in the back of the seat frames.

PARTITION INSTALLATION

2.12 Install setscrews (allen head facing out) into the Riv-nuts on each B-pillar. Install nylon spacers over each setscrew.



2.13 Re-install the partition in the cargo area behind the seats.



2.14 Install sealing washers over each setscrew.



PARTITION INSTALLATION



2.15 Install flange nuts on each setscrew. Use an open end wrench and allen wrench to tighten the flange nut. The end of the setscrew should be flush with the outer surface of the flange nut.



2.16 Secure the bottom of the partition to the backs of the seat frames with sealing washers and flange nuts.



2.17 Re-install the D-rings in original locations.

PARTITION INSTALLATION

2.18 Partition installation is complete.





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 # 3960-02
August 2017