



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, SP HR 170, PS

PRODUCT WEIGHT

6.49 LBS

VEHICLE

**MERCEDES Sprinter
high roof
170" Wheel base**

CAPACITY

N/A

COLOR

GRAY



CATALOG NUMBER

ARKSPH170PS

PRODUCT FEATURES

This product is designed for installation in the Mercedes Sprinter 170" wheel base. It is optimized for use with the next generation shelving. The rail kits includes brackets that span the window cavities to support the AD mounting rail.

SEE PAGE 2 FOR APPLICATION NOTES, ACCESSORIES AND OTHER PRODUCTS THAT WORK WITH THIS UNIT.



RAIL KIT, SP HR 170, PS

CATALOG NUMBER **ARKSPH170PS**

PRODUCT APPLICATION

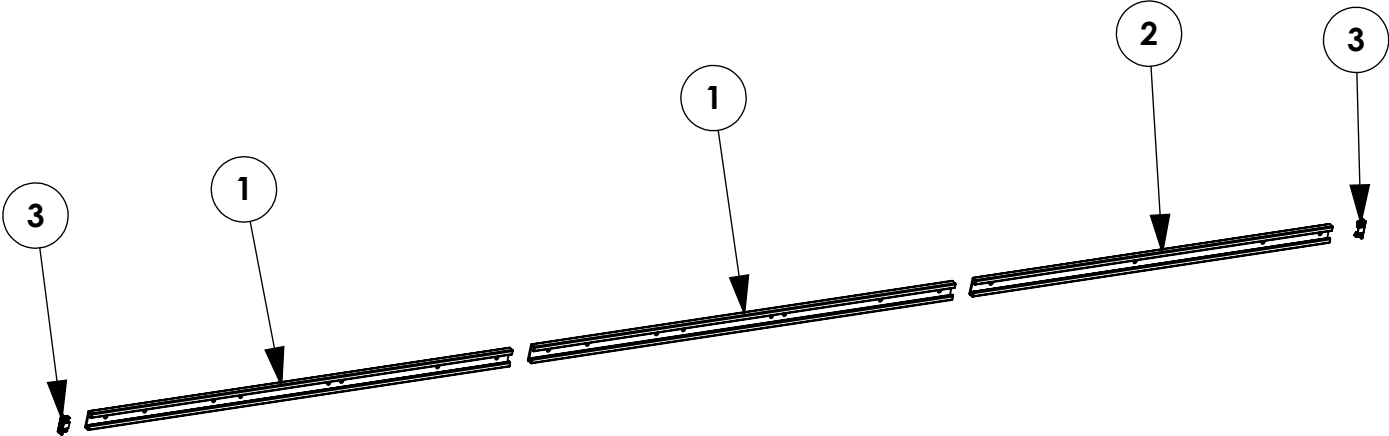
This product is design for installation in the Mercedes Sprinter high roof 170" wheel base. Optimized for use with the next generation shelving

All next generation shelving kits for sprinter high roof vans. See online fitment guide for full list of shelving units.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

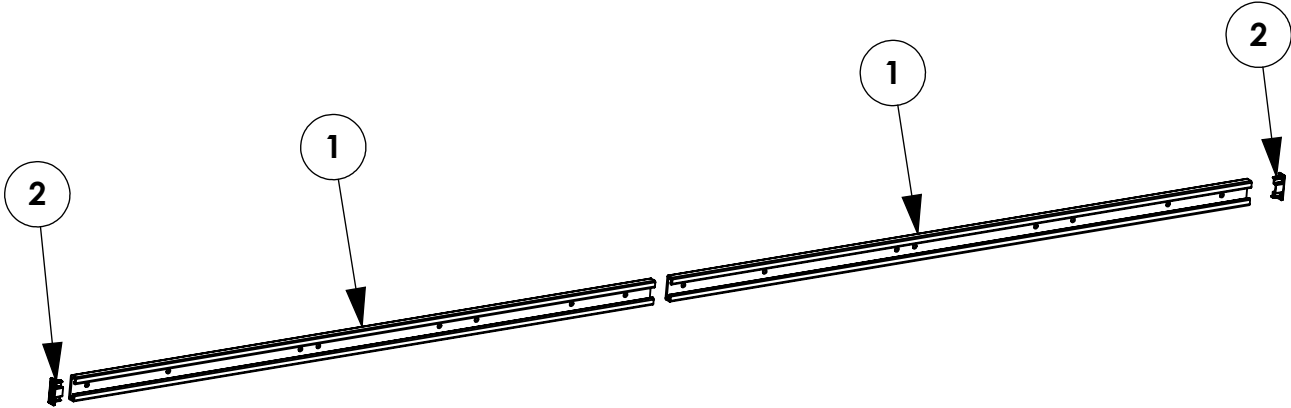
<i>CATALOG NUMBER</i>	<i>DESCRIPTION (smart)</i>
TDK	TIE DOWN SYSTEMS (1)

INSTR. NUMBER : INSARKSPH170 PART NUMBER : ARKSPH170DS PART : ARKSPH170PS DESC. : RIAL KIT,SP HR 170,DS RAIL KIT,SP HR 170,PS	PG:	REV:	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	1	A	1	67585	RAIL, 51.78" SPR170 UPPER REAR	2
			2	67584	RAIL, 43.88" SPR144 UPPER FRONT	1
			3	36496-0	END CAP, RAIL EXTR #2	2



ARKSPH170DS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67585	RAIL, 51.78" SPR170 UPPER REAR	2
2	36496-0	END CAP, RAIL EXTR #2	2



ARKSPH170PS

- TOOLS NEEDED:
- 3/16 ALLEN
 - 1/2 DRILL STEP BIT
 - 1/2 DRILL STOP
 - DRILL
 - PLUSNUT TOOL
 -

GET TO KNOW THE VEHICLE - AT THE BEGINNING OF ANY INSTALLATION, CHECK THE LOCATION OF THE FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND WIRING HARNESSSES TO AVOID INJURY OR PROPERTY DAMAGE FROM TOOL CONTACT.

SEAL ALL EXTERIOR HOLES - ALL INSTALLATION HOLES SHOULD BE SEALED WITH BUTYL TAPE OR SILICON TO PREVENT WATER AND EXHAUST GASES FROM ENTERING THE VEHICLE.

CONTROL DRILL DEPTH - TO AVOID DAMAGE TO THE VEHICLE, USE A DRILL STOP OR CLEARED STEP BIT WHEN DRILLING INSTALLATION HOLES.

ALWAYS ADD PRIMER - WHEN ADDING INSTALLATION HOLES BE SURE TO USE A SELF-ETCHING PRIMER TO PREVENT CORROSION, FASTENER FAILURE AND INJURY.

MOUNTING POINTS MUST HAVE METAL-TO-METAL CONTACT - USE PROVIDED MOUNTING SPACERS TO ACCOMMODATE FOR VEHICLE FEATURES, CARPET OR SUBFLOORS.

PROVIDE CLEARANCE FOR SPACERS - IF THE INSTALLATION VEHICLE CONTAINS A CARPET OR SUBFLOOR, USE A 1-3/16" DIAMETER CARPET CUTTER (P/N: 31183-0) AT ALL MOUNTING LOCATIONS TO OPEN UP ROOM FOR SPACERS.

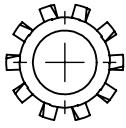
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

PLUSNUT INSTALLATION - A PLUSNUT GUN IS RECOMMENDED FOR PLUSNUT INSTALLATION FOR ITS PRODUCTION SPEED. HOWEVER, A PLUSNUT SETTING TOOL CAN ALSO BE USED (P/N: 22200-0).

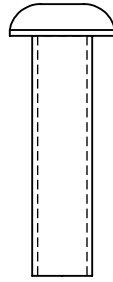
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

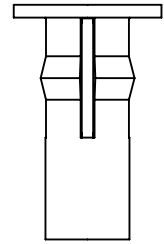
BAG REFERENCE: BAGARKSPH170DS



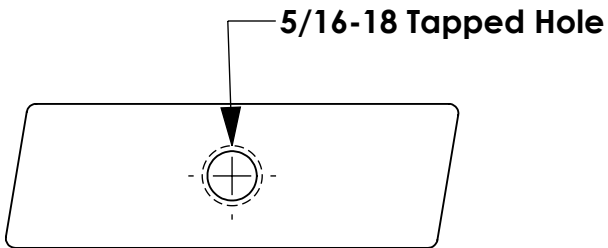
**FAS0085
WASHER, LCK EXT.,
5/16, ZP
QTY: 13**



**FAS0708
SCREW, BHCS,
5/16-18X1.25, ZN
QTY: 13**



**FAS0091
PLUSNUT, 5/16
QTY: 11**

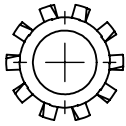


**36503-0
RETAINER BAR,
5/16-18X2.38
QTY: 2**

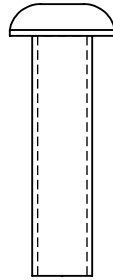
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FASTENERS USED

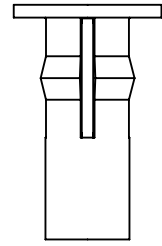
BAG REFERENCE: BAGARKSPH170PS



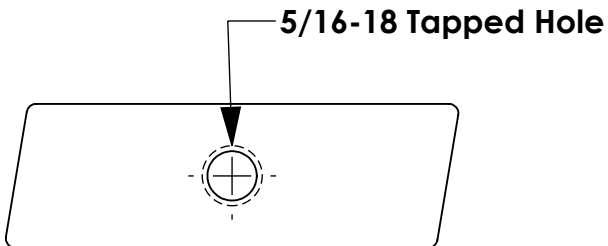
**FAS0085
WASHER, LCK EXT.,
5/16, ZP
QTY: 9**



**FAS0708
SCREW, BHCS,
5/16-18X1.25, ZN
QTY: 9**



**FAS0091
PLUSNUT, 5/16
QTY: 7**

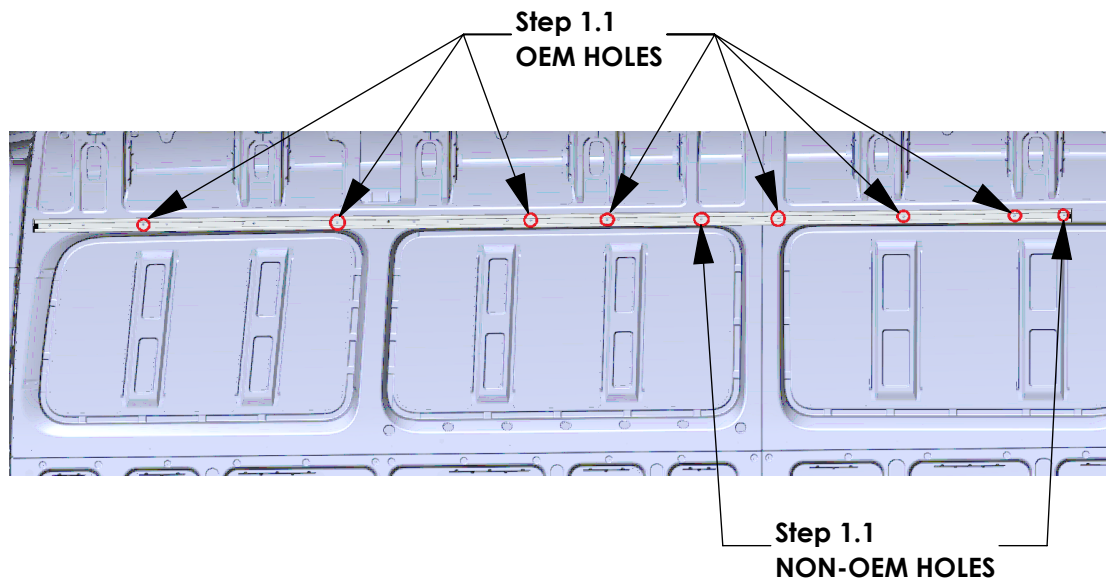
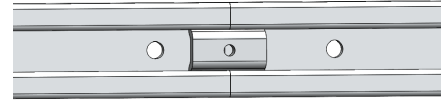


**36503-0
RETAINER BAR,
5/16-18X2.38
QTY: 2**

INTENTIONALLY LEFT BLANK

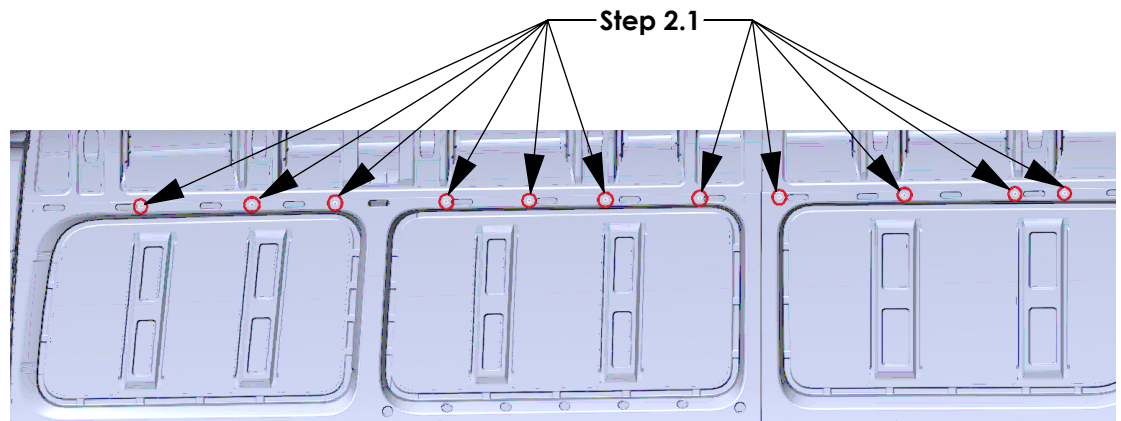
**ARKSPH170DS TO BE USED WITH SPRINTER 170WB
HIGH ROOF**

Step 1.1
PLACE RAILS
AGAINST THE
WALL, USE
35335-0 TO
ALIGN RAILS.
MARK OEM
HOLES AND
NON-OEM
HOLES TO BE
DRILLED AND
OPENED UP TO
1/2 DIA HOLES.

ALIGNMENT EXAMPLE

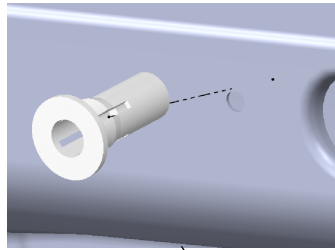
Step 2.1
REMOVED RAILS
AFTER HOLES
HAVE BEEN
MARKED. DRILL
HOLES USING 1/2
DRILL STEP BIT
AND 1/2 DRILL
STOP

1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL

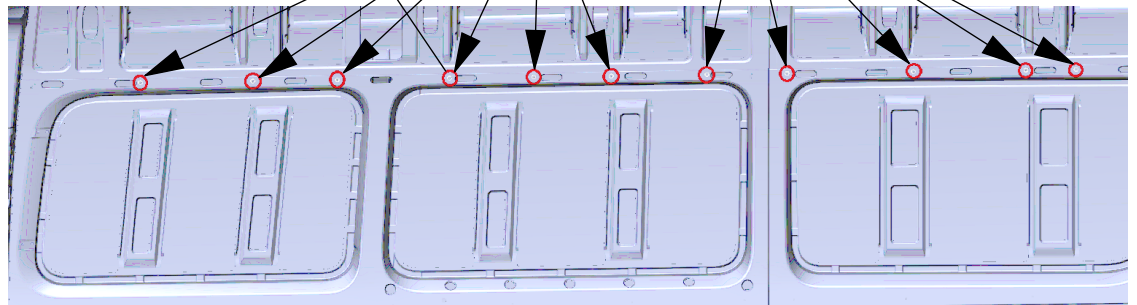


ARKSPH170DS TO BE USED WITH SPRINTER 170WB HIGH ROOF

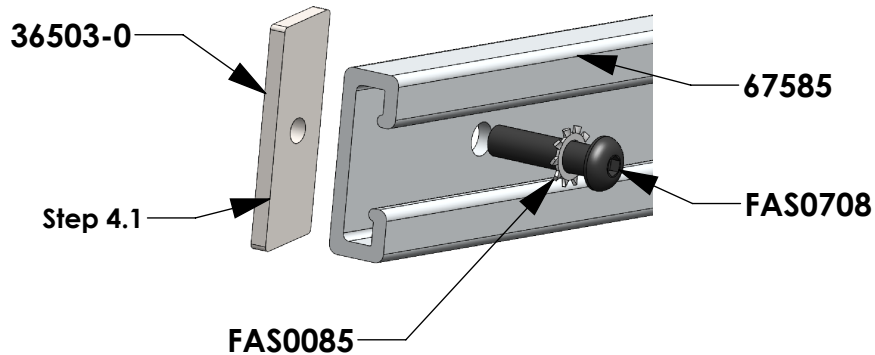
Step 3.1
AFTER HOLES
HAVE BEEN
DRILLED, PLACE
FAS0091 INTO
HOLE. USE
PLUSNUT TOOL
TO SECURE
PARTS TO WALL



Step 3.1

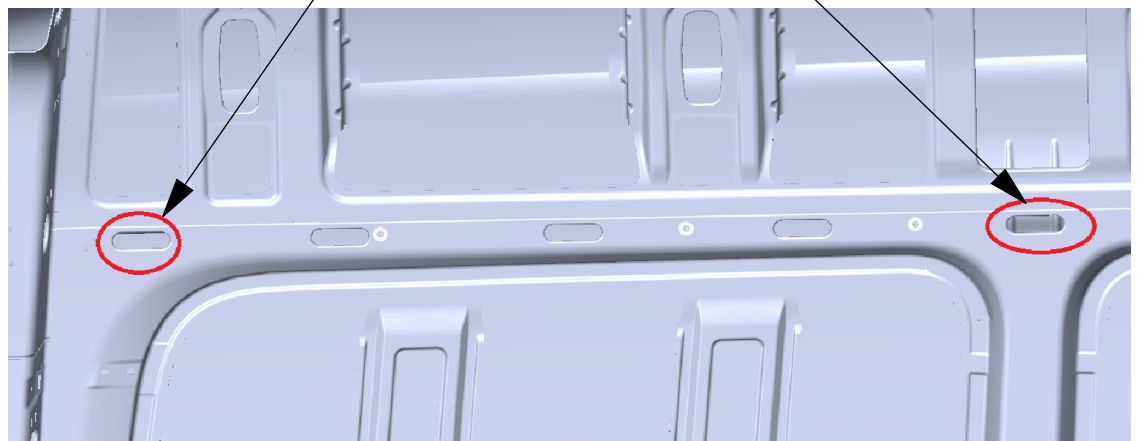


Step 4.1
INSTALL
RETAINER BARS
ONTO THE FIRST
AND LAST HOLES
OF THE RAIL
USING THE
FASTENERS
CALLED OUT



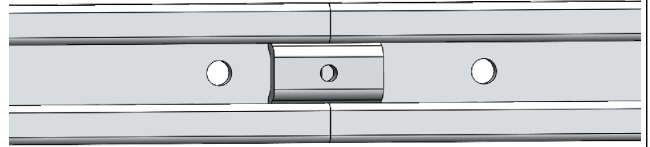
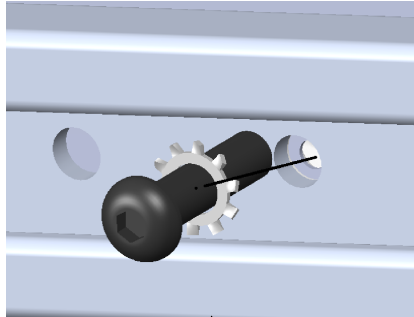
Step 4.2
INSTALL THE RAIL
ONTO THE
DRIVER SIDE OF
THE VAN BY
PLACING THE
RETAINER BARS
INTO THE LARGE
SLOTS AT THE
END OF EACH
RAIL

Step 4.2
RETAINER BAR LOCATIONS



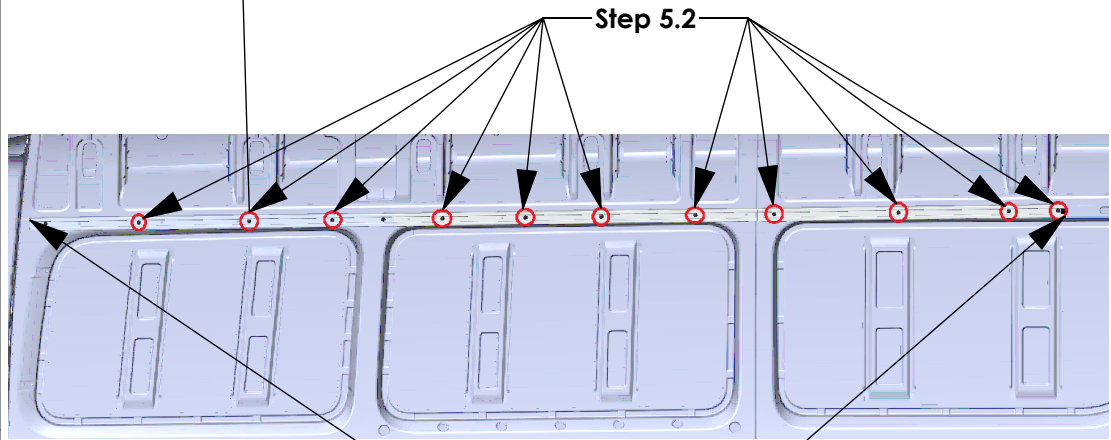
ARKSPH170DS TO BE USED WITH SPRINTER 170WB HIGH ROOF

Step 5.1
WHEN PLACING
RAILS AGAINST
WALL USE
36503-0 TO
ALIGN RAILS.
PLACE 36496-0
AT ENDS OF
RAILS



ALIGNMENT EXAMPLE

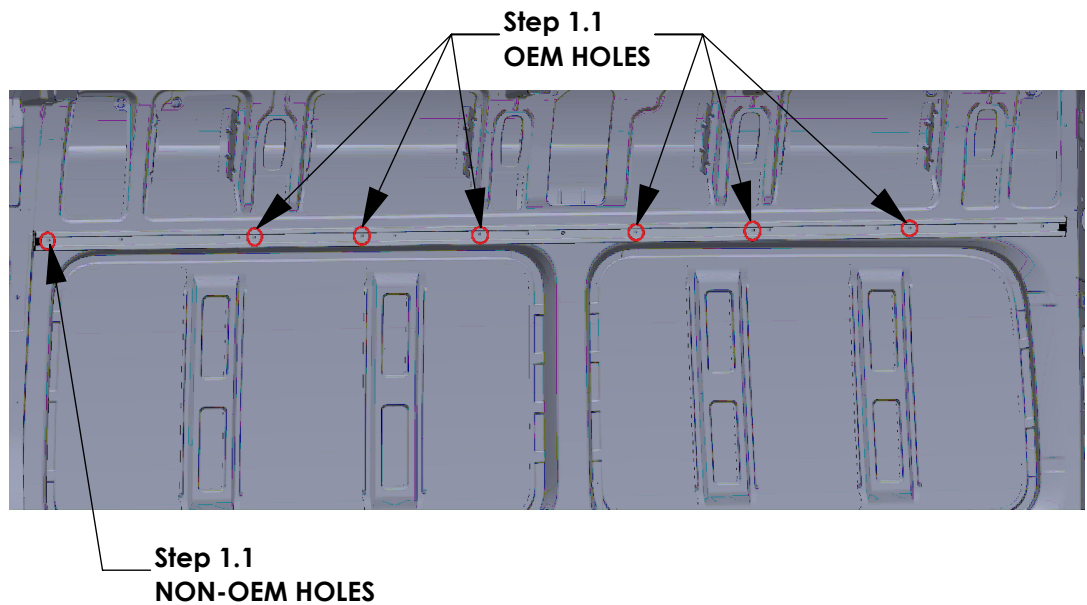
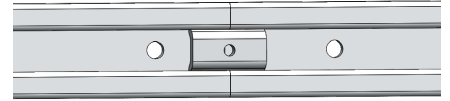
Step 5.2
FULLY TIGHTEN
FAS0708 &
FAS0085 INTO
HOLES THAT ARE
LINED UP WITH
PLUSNUTS,
3/16 ALLEN



Step 5.1

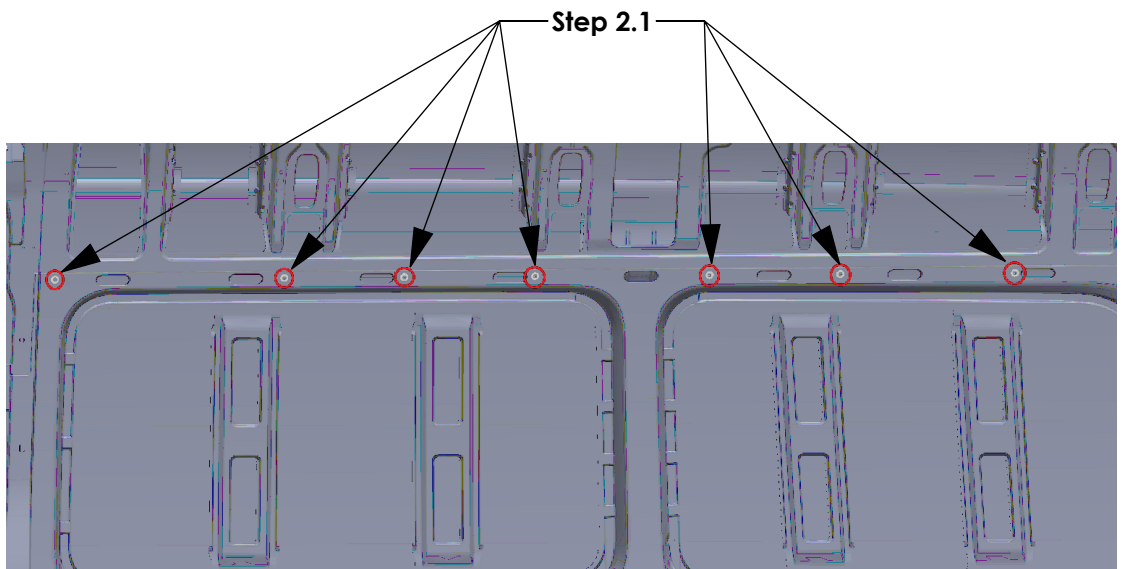
**ARKSPH170PS TO BE USED WITH SPRINTER 170WB
HIGH ROOF**

Step 1.1
PLACE RAILS
AGAINST THE
WALL, USE
35335-0 TO
ALIGN RAILS.
MARK OEM
HOLES AND
NON-OEM
HOLES TO BE
DRILLED AND
OPENED UP TO
1/2 DIA HOLES.

ALIGNMENT EXAMPLE

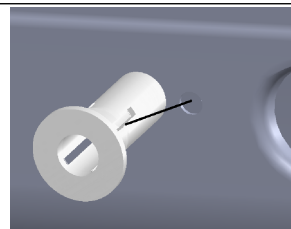
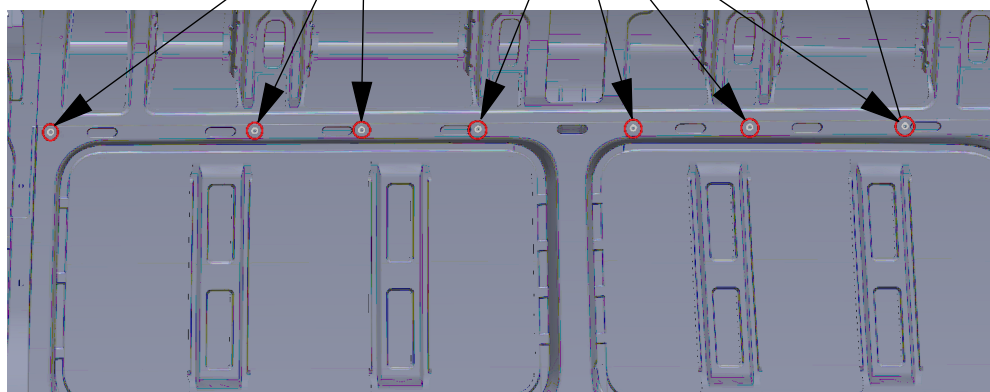
Step 2.1
REMOVED RAILS
AFTER HOLES
HAVE BEEN
MARKED. DRILL
HOLES USING 1/2
DRILL STEP BIT
AND 1/2 DRILL
STOP

1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL



ARKSPH170PS TO BE USED WITH SPRINTER 170WB HIGH ROOF

Step 3.1
AFTER HOLES
HAVE BEEN
DRILLED, PLACE
FAS0091 INTO
HOLE. USE
PLUSNUT TOOL
TO SECURE
PARTS TO WALL

**Step 3.1**

Step 4.1
INSTALL
RETAINER BARS
ONTO THE FIRST
AND LAST HOLES
OF THE RAIL
USING THE
FASTENERS
CALLED OUT

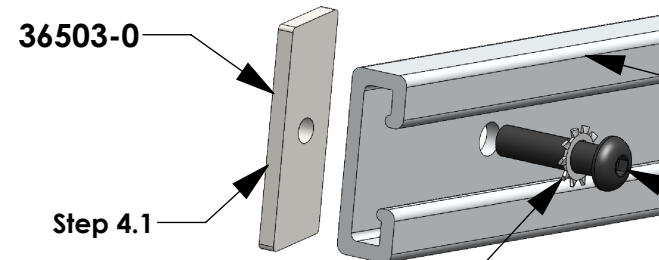
36503-0

Step 4.1

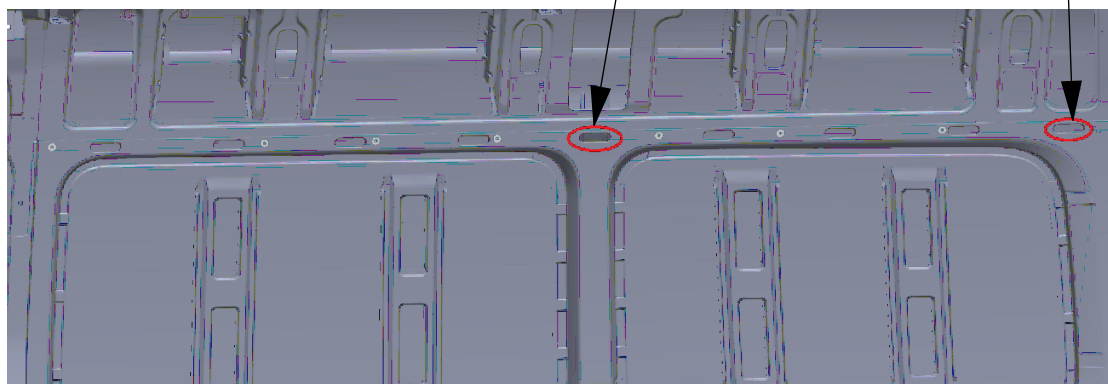
FAS0085

67585

FAS0708

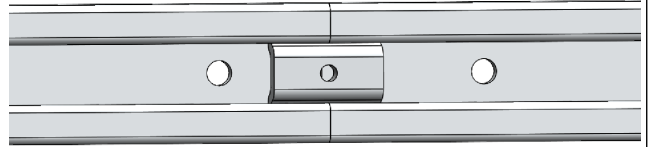
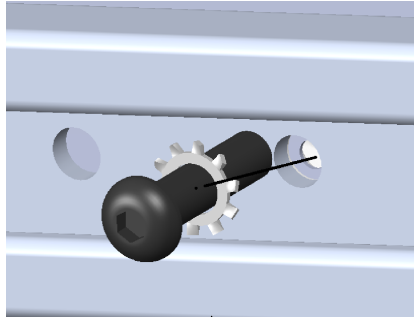
**Step 4.2**
RETAINER BAR LOCATIONS

Step 4.2
INSTALL THE RAIL
ONTO THE
PASSENGER SIDE
OF THE VAN BY
PLACING THE
RETAINER BARS
INTO THE LARGE
SLOTS AT THE
END OF EACH
RAIL



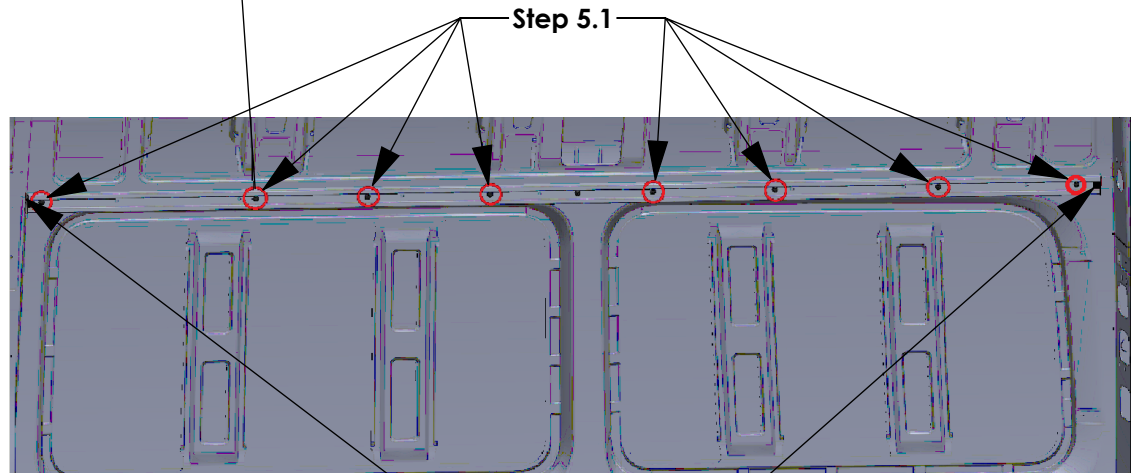
**ARKSPH170PS TO BE USED WITH SPRINTER 170WB HIGH
ROOF**

Step 5.1
WHEN PLACING
RAILS AGAINST
WALL USE
36503-0 TO
ALIGN RAILS.
PLACE 36496-0
AT ENDS OF
RAILS



ALIGNMENT EXAMPLE

Step 5.2
FULLY TIGHTEN
FAS0708 &
FAS0085 INTO
HOLES THAT ARE
LINED UP WITH
PLUSNUTS,
3/16 ALLEN



Step 5.1