# RAIL KIT, SP HR 170

*PRODUCT WEIGHT*

**15.40 LBS**

*VEHICLE*

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

*CAPACITY*

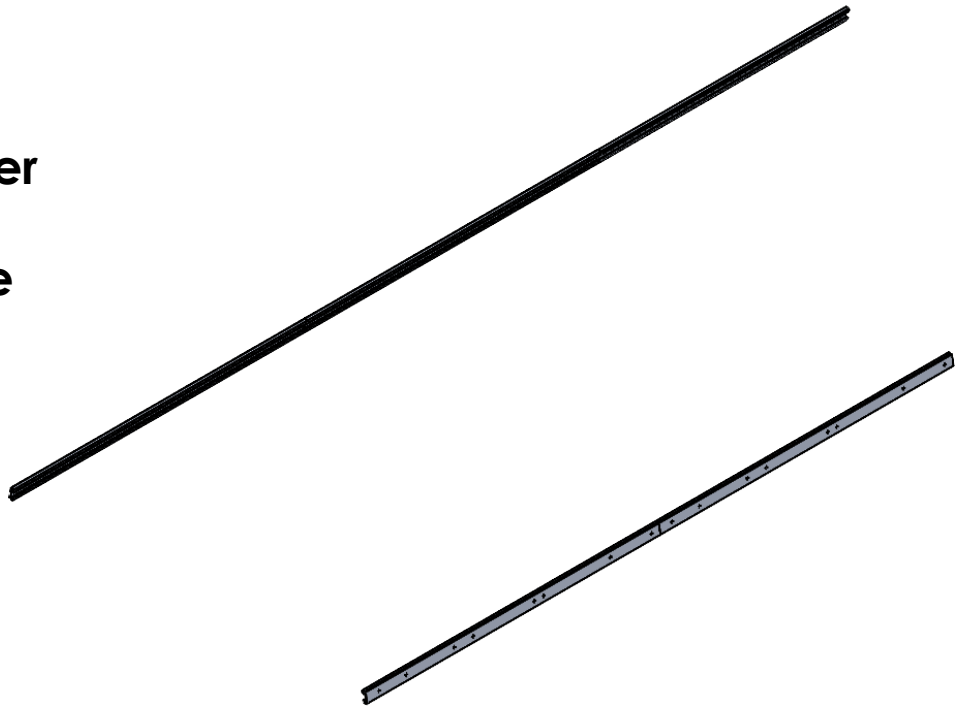
**N/A**

*COLOR*

**GRAY**

*CATALOG NUMBER*

**ARKSPH170**



## PRODUCT FEATURES

**This product is designed for installation in the Mercedes Sprinter high roof 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.**

**This unit will arrive in two boxes, one for the driver side, and one for the passenger side.**

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

# RAIL KIT, SP HR 170

*CATALOG NUMBER* **ARKSPH170**

*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*

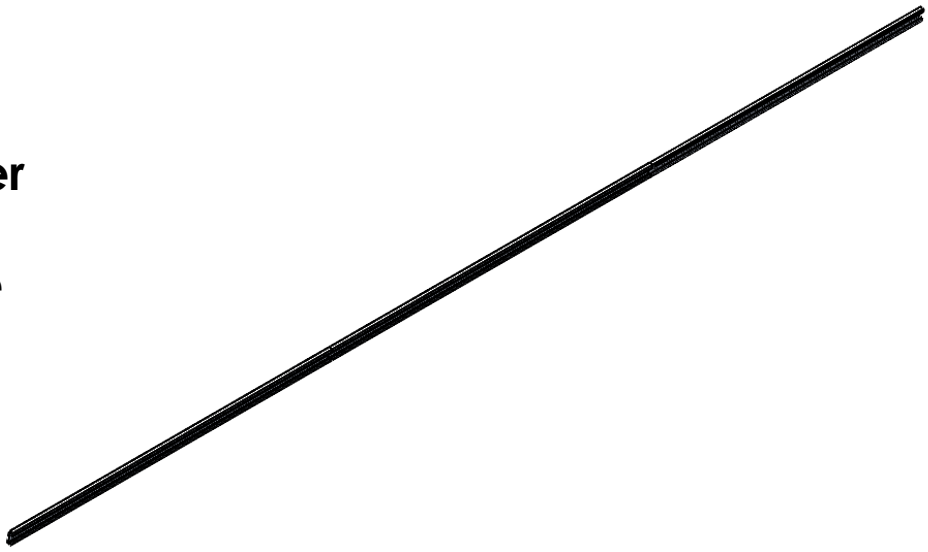
| *CATALOG NUMBER* | *DESCRIPTION (smart)* |
|---|---|
| TDK | TIE DOWN SYSTEMS (1) |
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# RAIL KIT, SP HR 170, DS

*PRODUCT WEIGHT*

**8.91 LBS**



*VEHICLE*

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

*CAPACITY*

**N/A**

*COLOR*

**GRAY**

*CATALOG NUMBER*

**ARKSPH170DS**

## PRODUCT FEATURES

**This product is designed for installation in the Mercedes Sprinter high roof 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, DS

*CATALOG NUMBER* **ARKSPH170DS**

*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*

| *CATALOG NUMBER* | *DESCRIPTION (smart)* |
|---|---|
| TDK | TIE DOWN SYSTEMS (1) |
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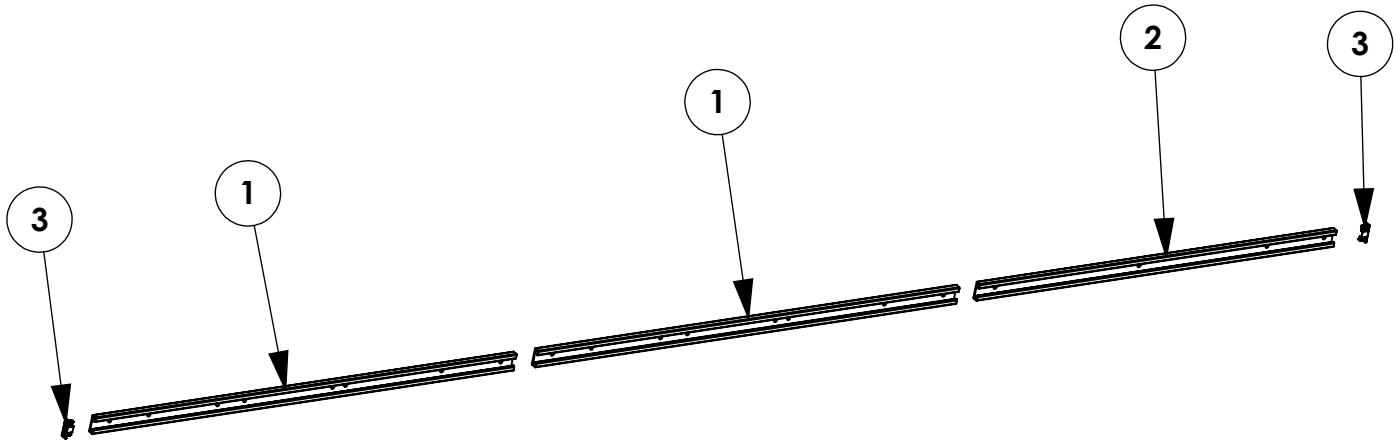
**The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time with prior notification.**

| INSTR. NUMBER | PG: | REV: |
|---|---|---|
| INSARKSPH170 | 1 | A |

PART NUMBER: **ARKSPH170DS**
**ARKSPH170PS**

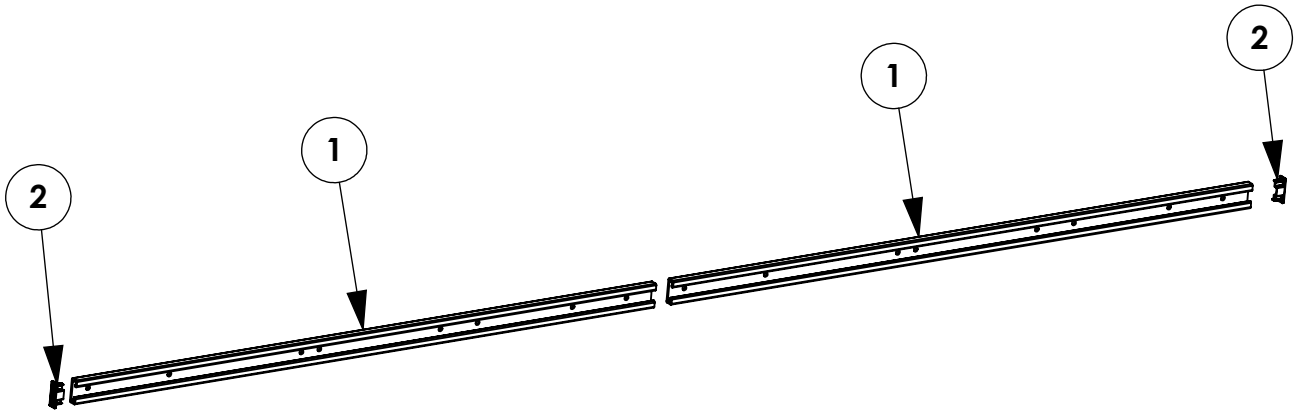
PART DESC.: RIAL KIT,SP HR 170,DS
RAIL KIT,SP HR 170,PS

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|---|---|---|---|
| 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**
-

## *BEST PRACTICES*

**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 HARNESSES 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).

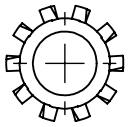
**THRU-BOLT CLEARANCE** - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

**BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR**

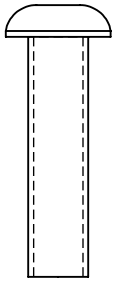


## *FASTENERS USED*

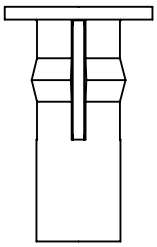
***BAG REFERENCE:*** **BAGARKSPH170DS**



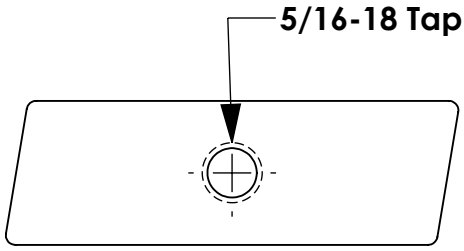
**FAS0085**
**WASHER, LCK EXT., 5/16, ZP**
**QTY: 13**



**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**

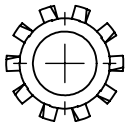
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**BEST PRACTICE: ORGANIZE ALL FASTENERS & VERIFY THAT ALL ARE ACCOUNTED FOR**

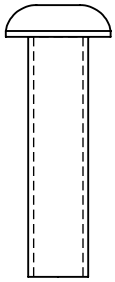


## *FASTENERS USED*

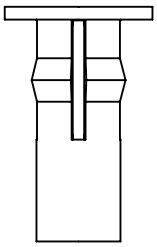
***BAG REFERENCE:*** **BAGARKSPH170PS**



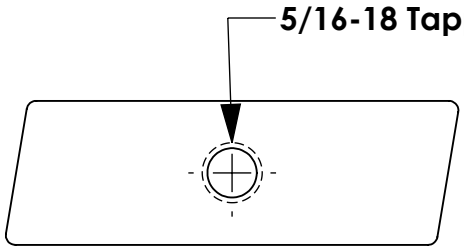
**FAS0085**
**WASHER, LCK EXT., 5/16, ZP**
**QTY: 9**



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



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



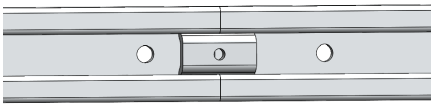

**36503-0**
**RETAINER BAR, 5/16-18X2.38**
**QTY: 2**

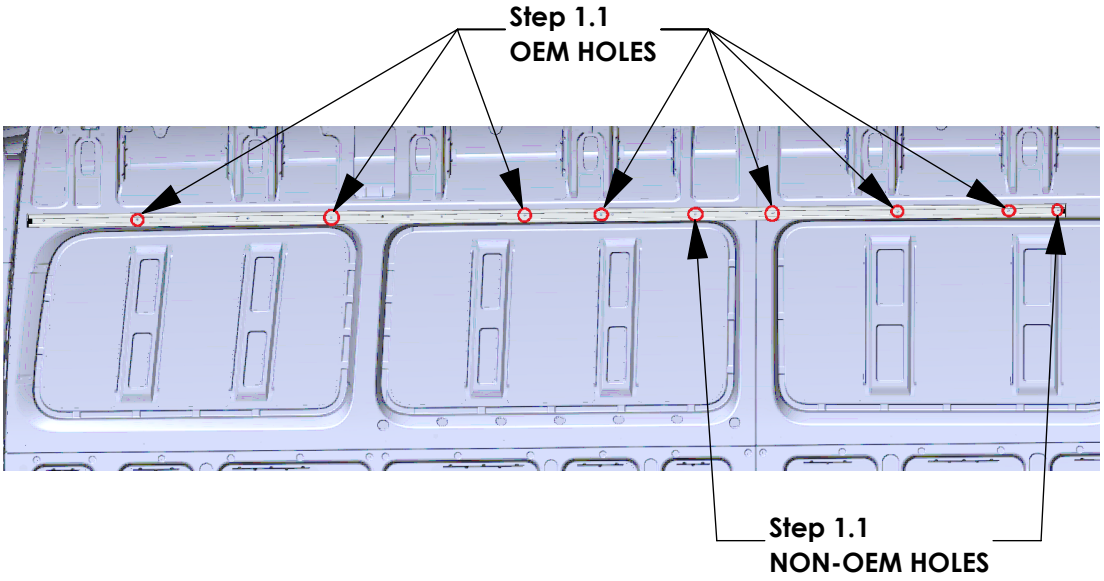
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# *ARKSPH170DS TO BE USED WITH SPRINTER 170WB HIGH ROOF*

**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.**

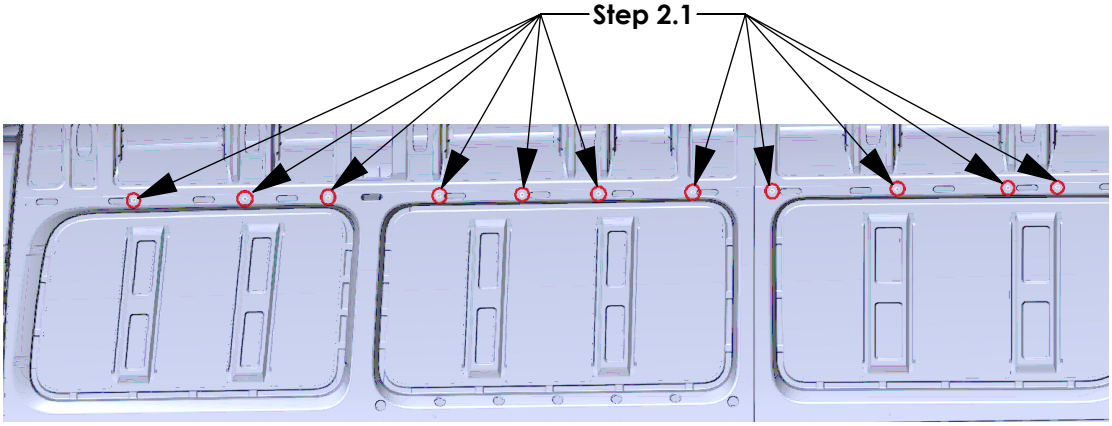
**ALIGNMENT EXAMPLE**





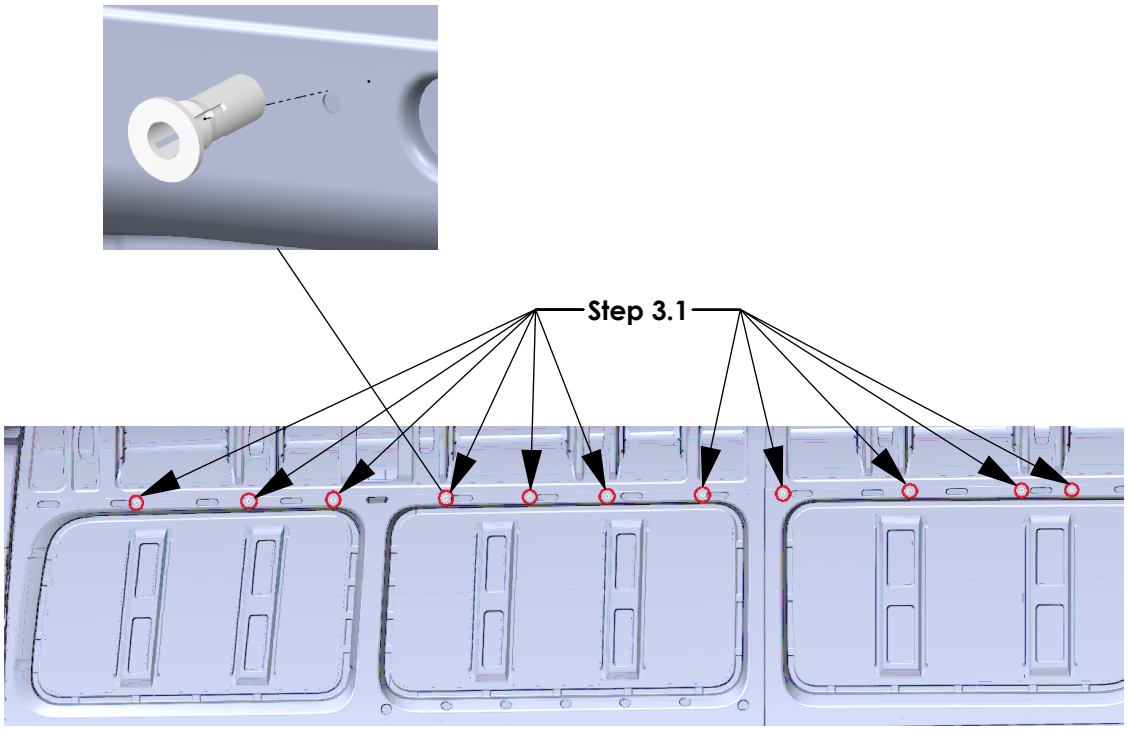

**Step 2.1**
**REMOVED RAILS AFTER HOLES HAVE BEEN MARKED. DRILL HOLES USING 1/2 DRILL STEP BIT AND 1/2 DRILL STOP**

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

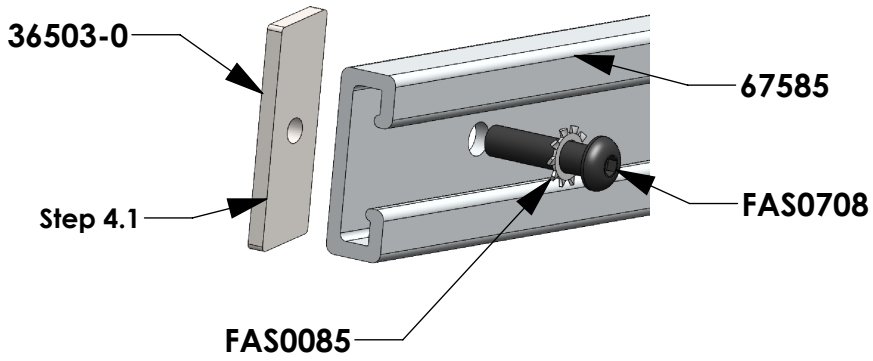


# *ARKSPH170DS TO BE USED WITH SPRINTER 170WB HIGH ROOF*

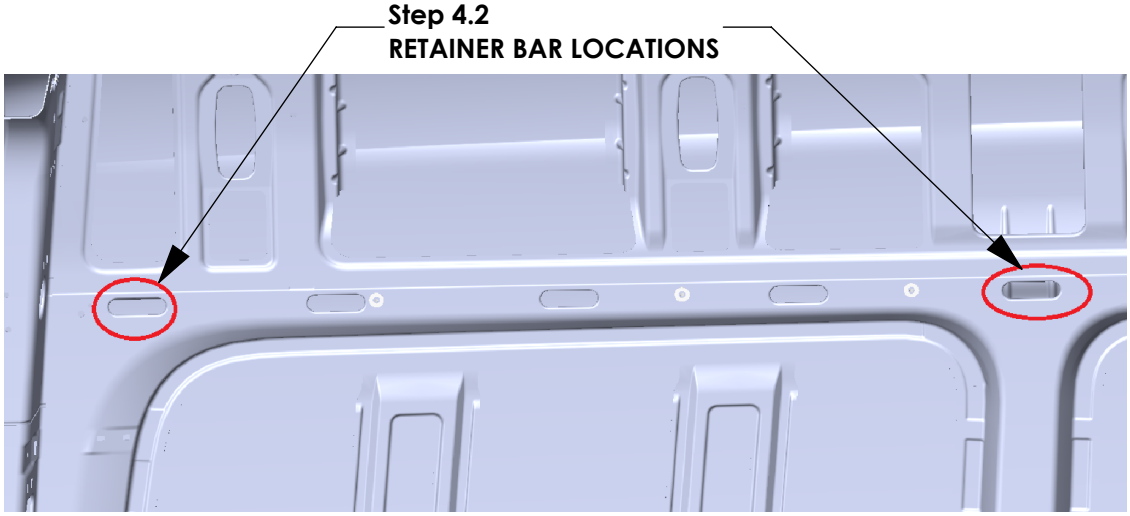
**Step 3.1**
**AFTER HOLES HAVE BEEN DRILLED, PLACE FAS0091 INTO HOLE. USE PLUSNUT TOOL TO SECURE PARTS TO WALL**




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

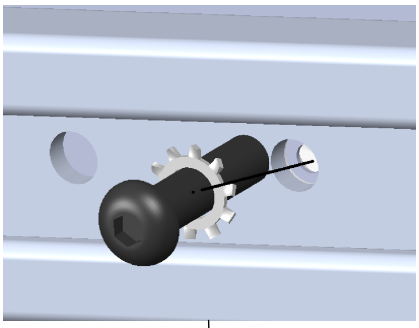


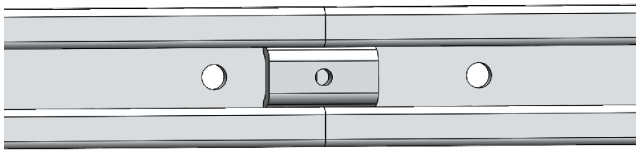

**Step 4.2**
**INSTALL THE RAIL ONTO THE DRIVER SIDE OF THE VAN BY PLACING THE RETAINER BARS INTO THE LARGE SLOTS AT THE END OF EACH RAIL**



# *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**

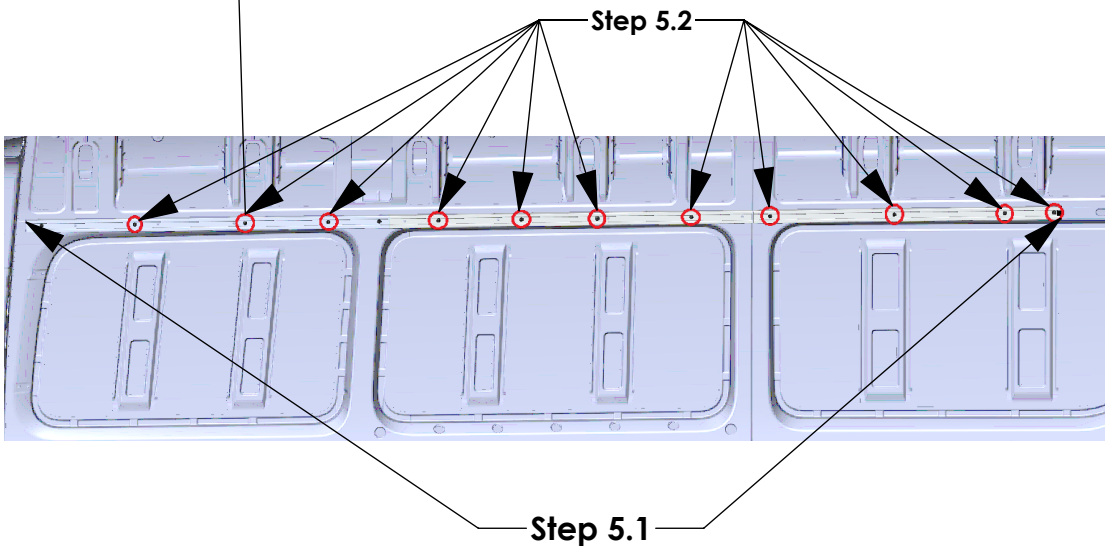




**ALIGNMENT EXAMPLE**

**Step 5.2**
**FULLY TIGHTEN FAS0708 & FAS0085 INTO HOLES THAT ARE LINED UP WITH PLUSNUTS,**

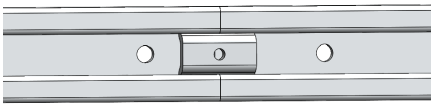
**3/16 ALLEN**

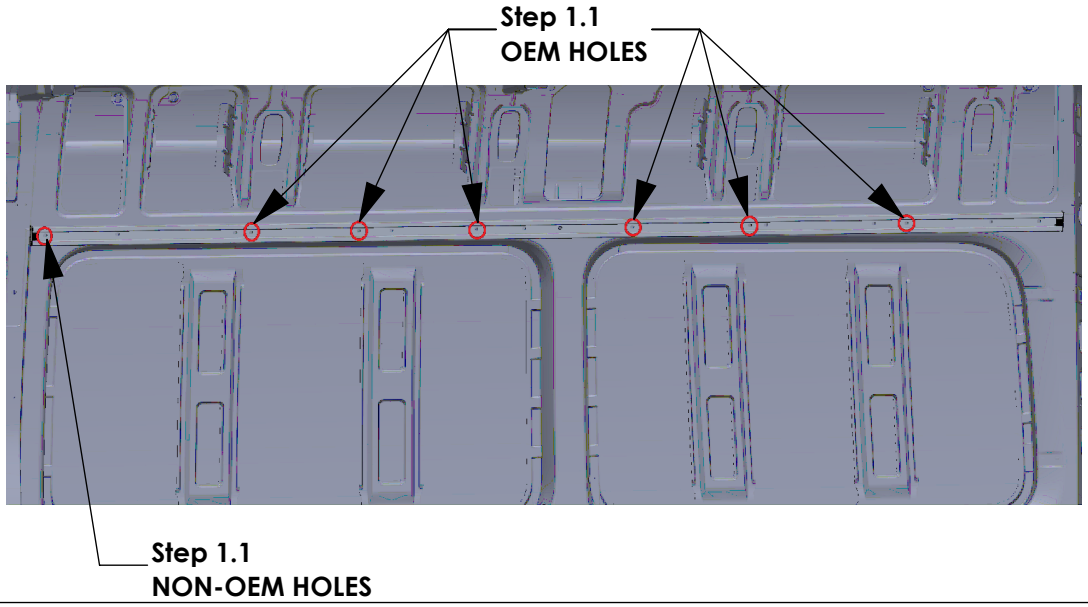


# *ARKSPH170PS TO BE USED WITH SPRINTER 170WB HIGH ROOF*

**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.**

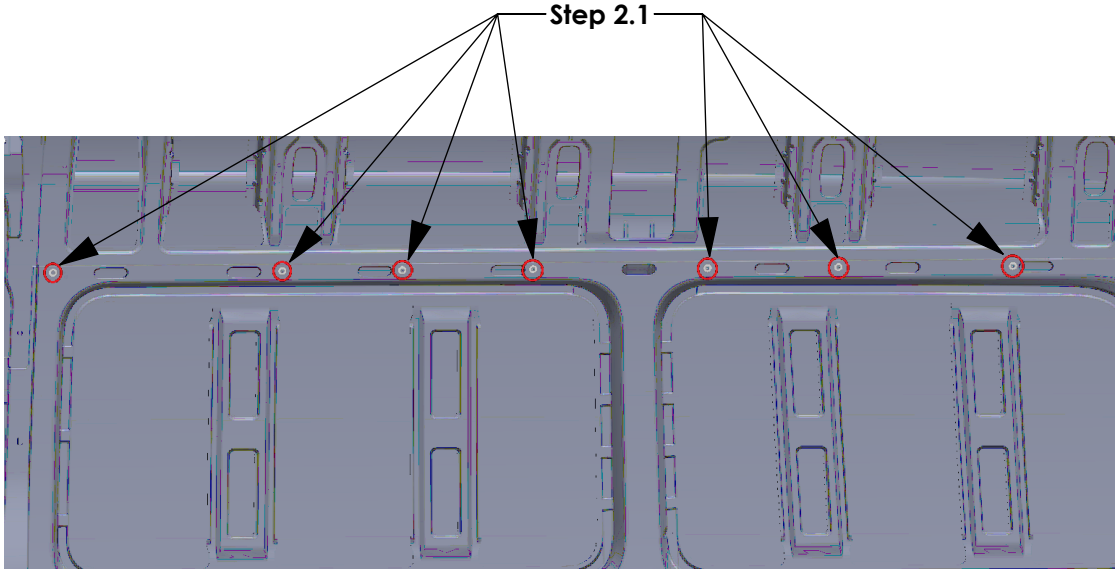
**ALIGNMENT EXAMPLE**





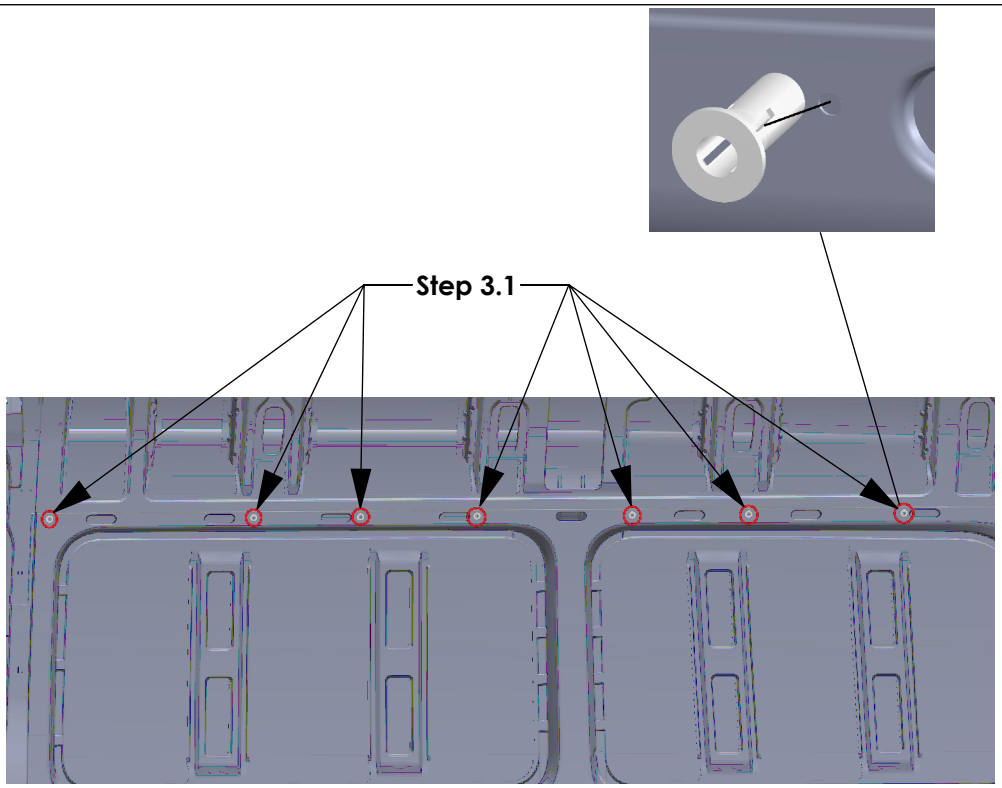

**Step 2.1**
**REMOVED RAILS AFTER HOLES HAVE BEEN MARKED. DRILL HOLES USING 1/2 DRILL STEP BIT AND 1/2 DRILL STOP**

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

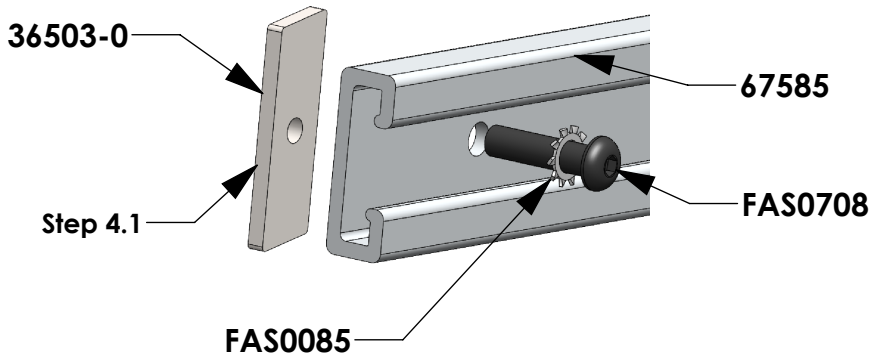


# ARKSPH170PS TO BE USED WITH SPRINTER 170WB HIGH ROOF

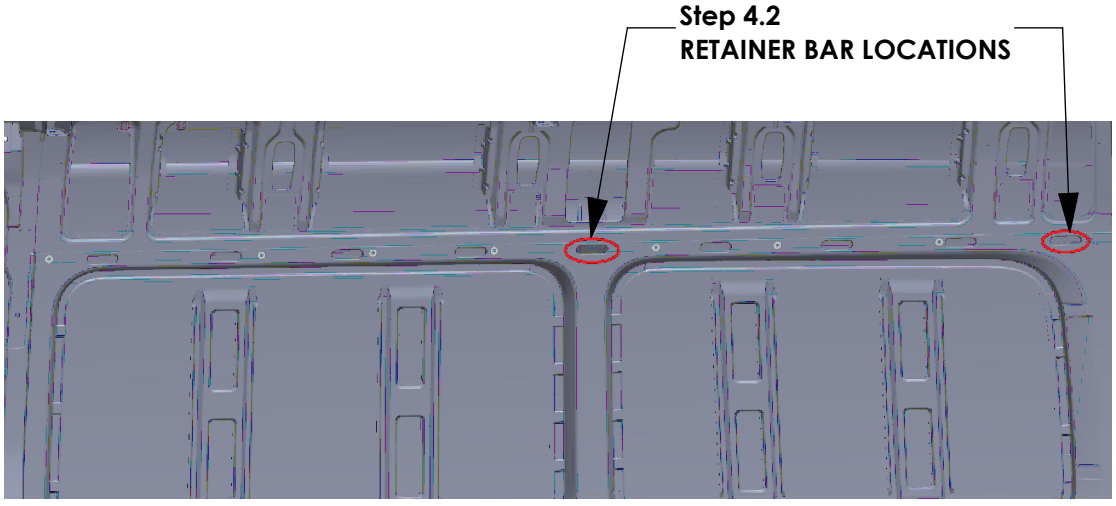
**Step 3.1**
AFTER HOLES HAVE BEEN DRILLED, PLACE FAS0091 INTO HOLE. USE PLUSNUT TOOL TO SECURE PARTS TO WALL




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

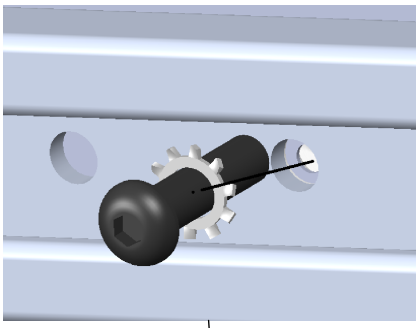


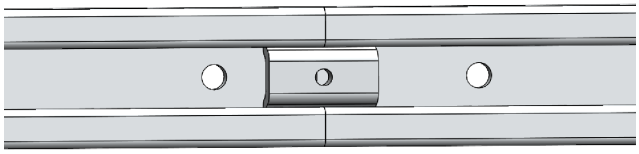

**Step 4.2**
INSTALL THE RAIL ONTO THE PASSENGER SIDE OF THE VAN BY PLACING THE RETAINER BARS INTO THE LARGE SLOTS AT THE END OF EACH RAIL



# *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**

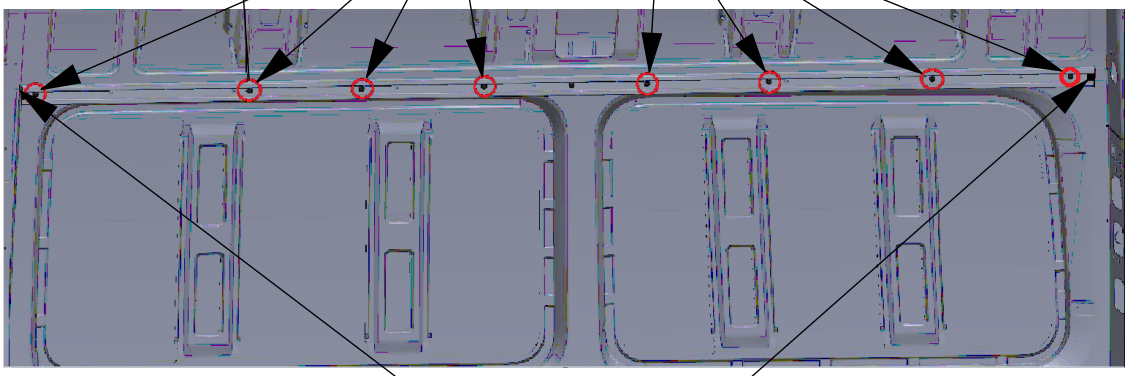




**ALIGNMENT EXAMPLE**

**Step 5.2**
**FULLY TIGHTEN FAS0708 & FAS0085 INTO HOLES THAT ARE LINED UP WITH PLUSNUTS,**

**3/16 ALLEN**



# 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*

| *CATALOG NUMBER* | *DESCRIPTION (smart)* |
|---|---|
| TDK | TIE DOWN SYSTEMS (1) |
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