



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, SP 144, DS

PRODUCT WEIGHT

6.62 LBS

VEHICLE

**MERCEDES Sprinter
144" wheel base**

CAPACITY

N/A

COLOR

GRAY



CATALOG NUMBER

ARKSP144DS

PRODUCT FEATURES

This product is designed for installation in the Mercedes Sprinter 144" 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 144, DS

CATALOG NUMBER **ARKSP144DS**

PRODUCT APPLICATION

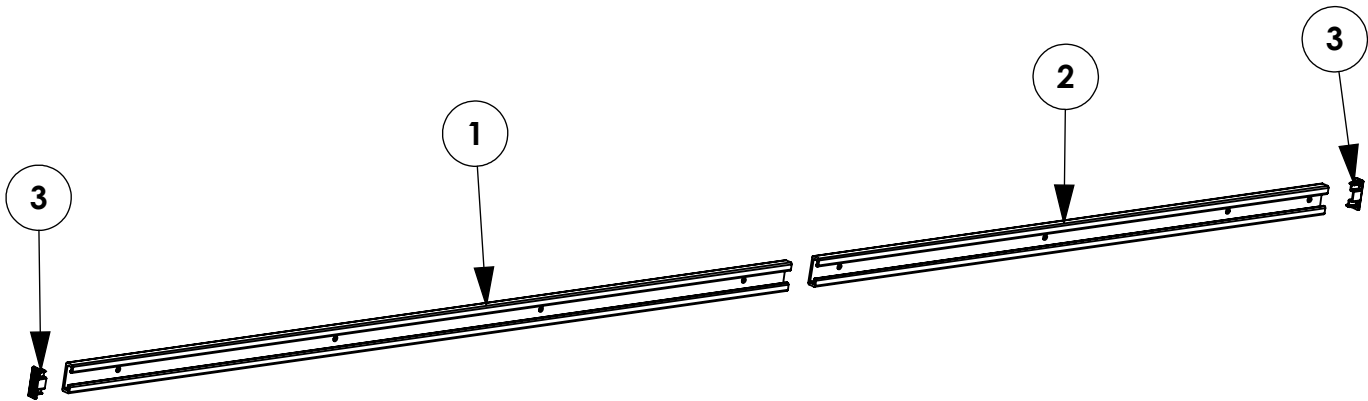
This product is design for installation in the Mercedes Sprinter 144" wheel base. Optimized for use with the next generation shelving

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

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

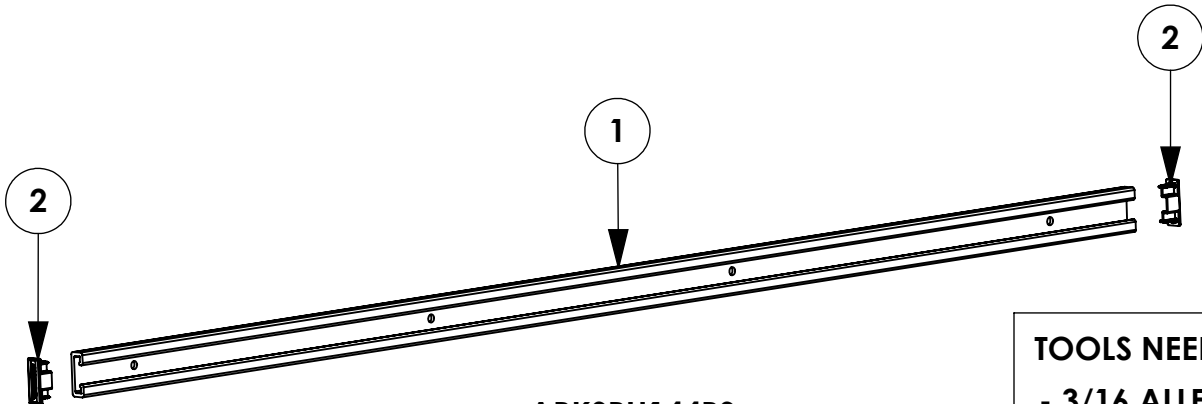
<i>CATALOG NUMBER</i>	<i>DESCRIPTION (smart)</i>
TDK	TIE DOWN SYSTEMS (1)

INSTR. NUMBER : INSARKSP144 PART NUMBER : ARKSP144DS DESC. : RAIL KIT,SP 144,DS ARKSP144PS	PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	67583	RAIL, 61.90" SPR144 UPPER REAR	1
			2	67584	RAIL, 43.88" SPR144 UPPER FRONT	1
			3	36496-0	END CAP, RAIL EXTR #2	2



ARKSPH144DS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	67583	RAIL, 61.90" SPR144 UPPER REAR	1
2	36496-0	END CAP, RAIL EXTR #2	2



ARKSPH144PS

- 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 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.

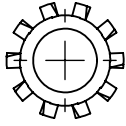
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

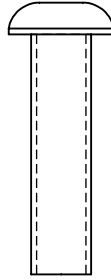
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

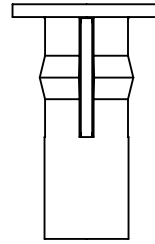
BAG REFERENCE: BAGARKSPH144DS



**FAS0085
WASHER, LCK EXT,
5/16, ZP
QTY: 8**



**FAS0708
SCREW, BHCS,
5/16-18X1.25, ZN
QTY: 8**

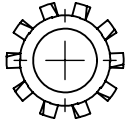


**FAS0091
PLUSNUT, 5/16
QTY: 8**

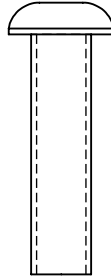
INTENTIONALLY LEFT BLANK

FASTENERS USED

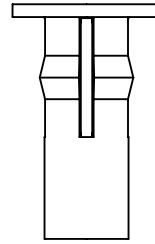
BAG REFERENCE: BAGARKSPH144PS



**FAS0085
WASHER, LCK EXT,
5/16, ZP
QTY: 4**



**FAS0708
SCREW, BHCS,
5/16-18X1.25, ZN
QTY: 4**



**FAS0091
PLUSNUT, 5/16
QTY: 4**

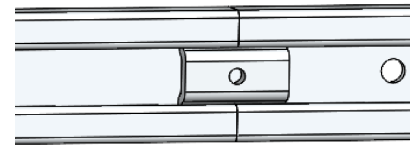
INTENTIONALLY LEFT BLANK

Step 1.1
PLACE RAIL KIT
AGAINST WALL,
LINE UP HOLES
TO OEM HOLES.
MARK HOLES TO
BE DRILLED AND
OPENED UP, USE
SLIDE (35335-0)
TO ALIGN THE
NEXT RAIL 67584

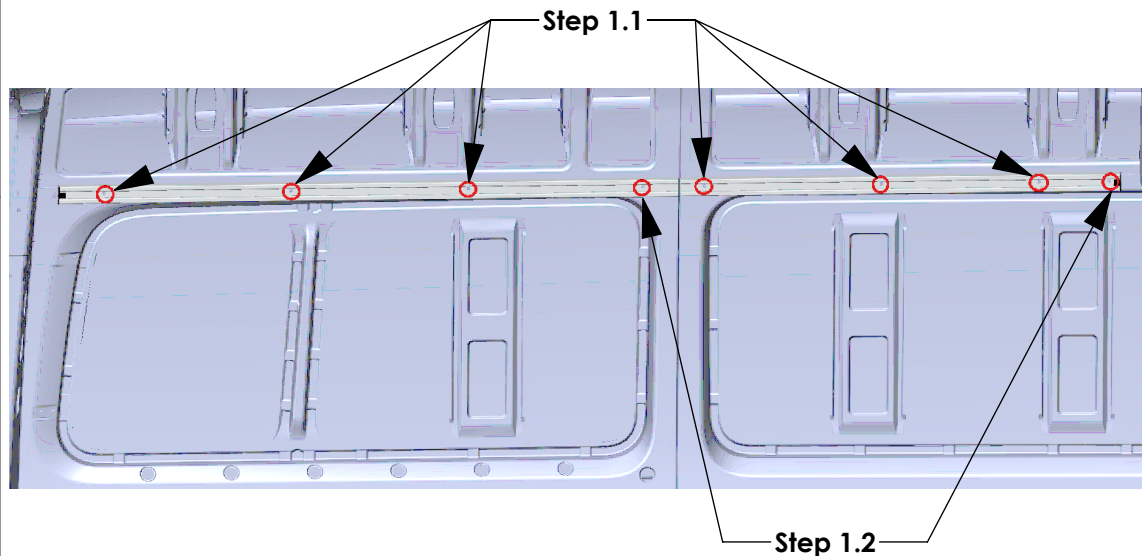
MARKER

Step 1.2
MARK NONE-
OEM HOLE TO BE
DRILLED

MARKER

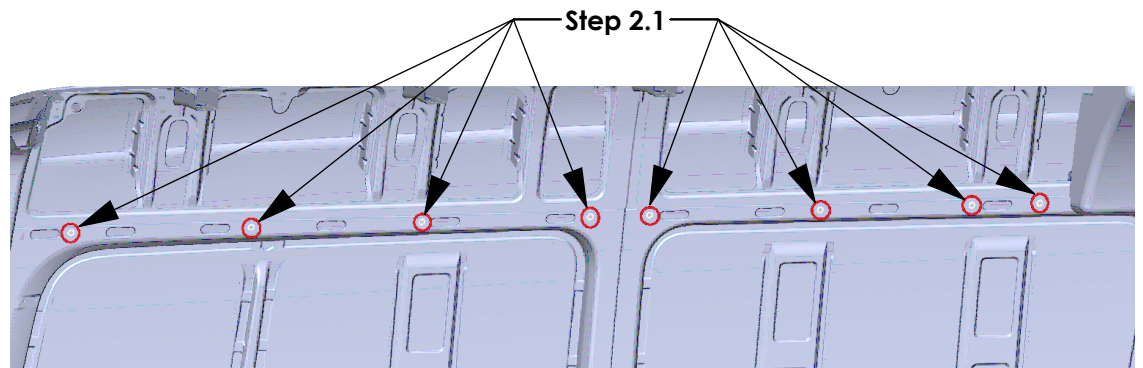


ALIGNMENT EXAMPLE



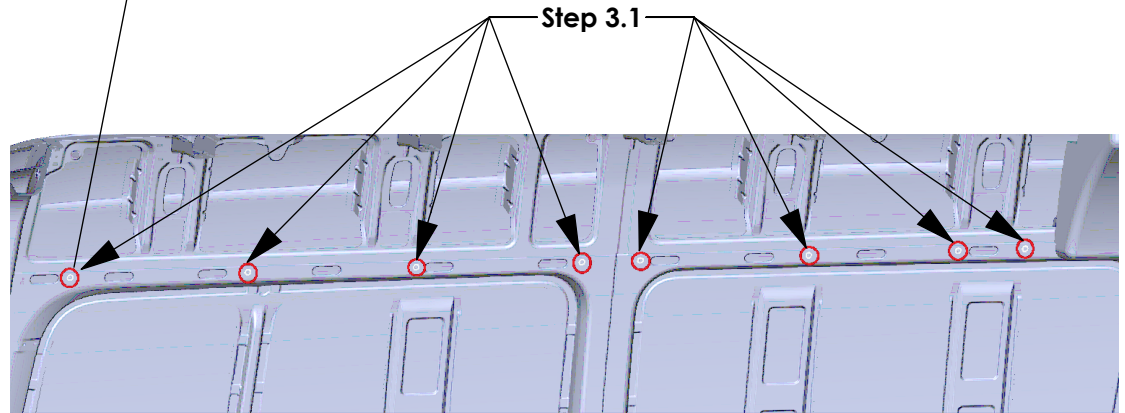
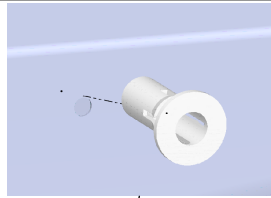
Step 2.1
REMOVE RAILS
AND DRILL ALL
HOLES MARKED
TO 1/2" DIA HOLE

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

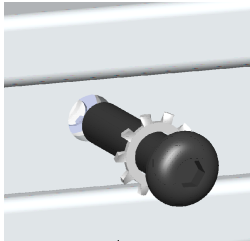


Step 3.1
PLACE FAS0091
INTO HOLES
THAT WERE
DRILLED. USE
PLUSNUT TOOL
TO SECURE
PLUSNUTS TO
WALL.

PLUSNUT TOOL

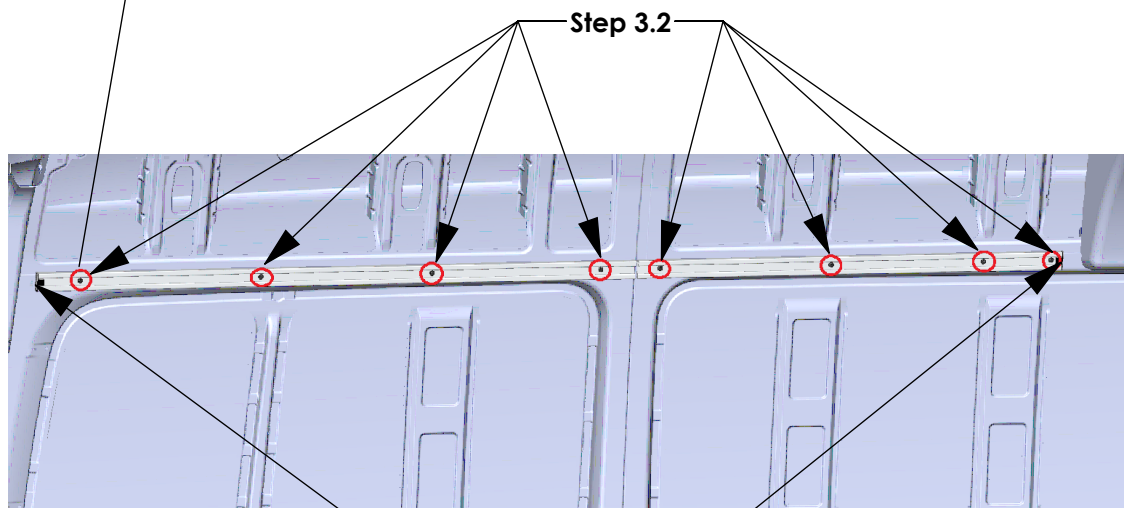


Step 4.1
PLACE 36496-0
AT END OF RAIL



Step 4.2
PLACE RAILS
BACK AGAINST
WALL, FULLY
TIGHTEN
FAS0708 &
FAS0085 TO
SECURE RAILS
TO WALL.

7/16 ALLEN

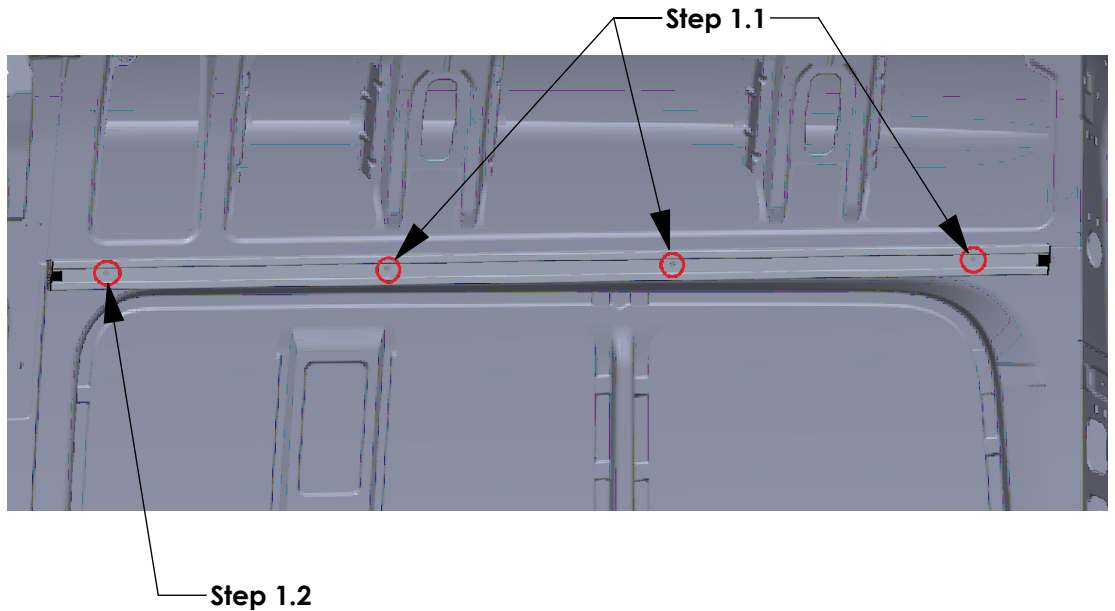


Step 1.1
PLACE RAIL KIT
AGAINST WALL,
LINE UP HOLES
TO OEM HOLES.
MARK HOLES TO
BE DRILLED AND
OPENED UP

MARKER

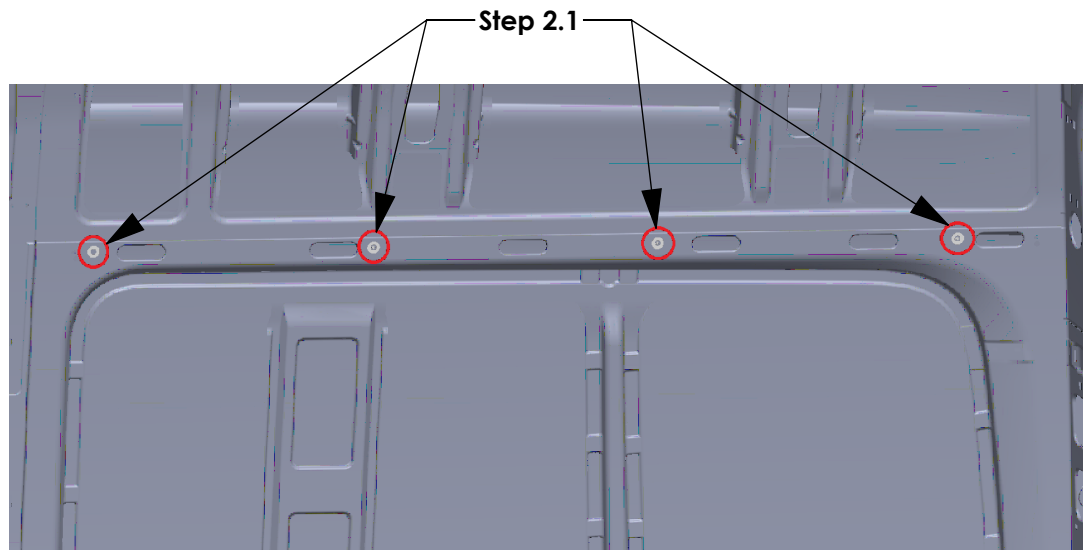
Step 1.2
MARK NONE-
OEM HOLE TO
BE DRILLED

MARKER



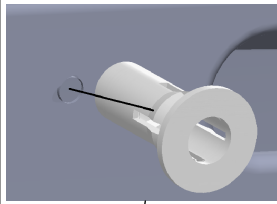
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1/2 DRILL STOP
DRILL

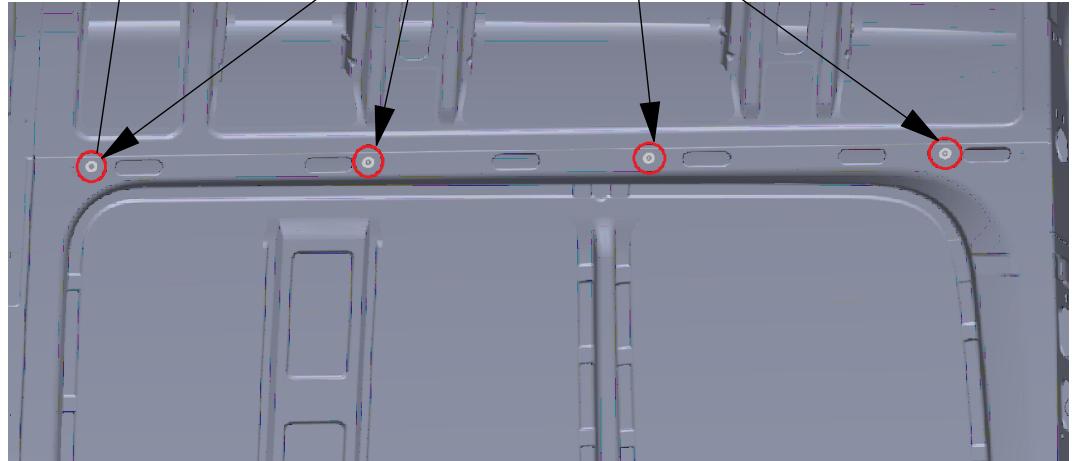


Step 3.1
PLACE FAS0091
INTO HOLES
THAT WERE
DRILLED. USE
PLUSNUT TOOL
TO SECURE
PLUSNUTS TO
WALL.

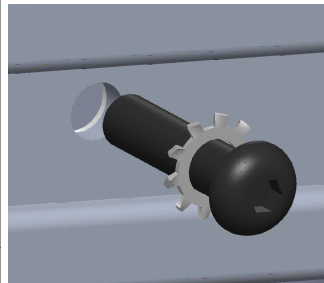
PLUSNUT TOOL



Step 3.1



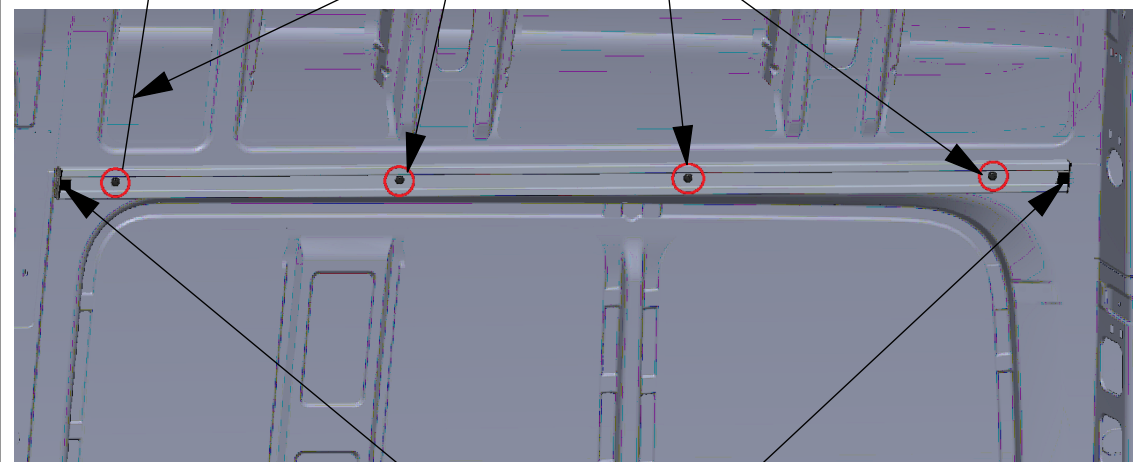
Step 4.1
PLACE 36496-0
AT END OF RAIL



Step 3.1

Step 4.2
PLACE RAILS
BACK AGAINST
WALL, AND USE
FAS0708 &
FAS0085 TO
SECURE RAILS
TO WALL.
TIGHTEN DOWN
100%

7/16 ALLEN



Step 4.1