



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

RAIL KIT SPRINTER 170 UPPER ONLY

PRODUCT WEIGHT

17.05 LBS

WIDTH X DEPTH X HEIGHT

3.5" X 68" X 3.125"

CAPACITY

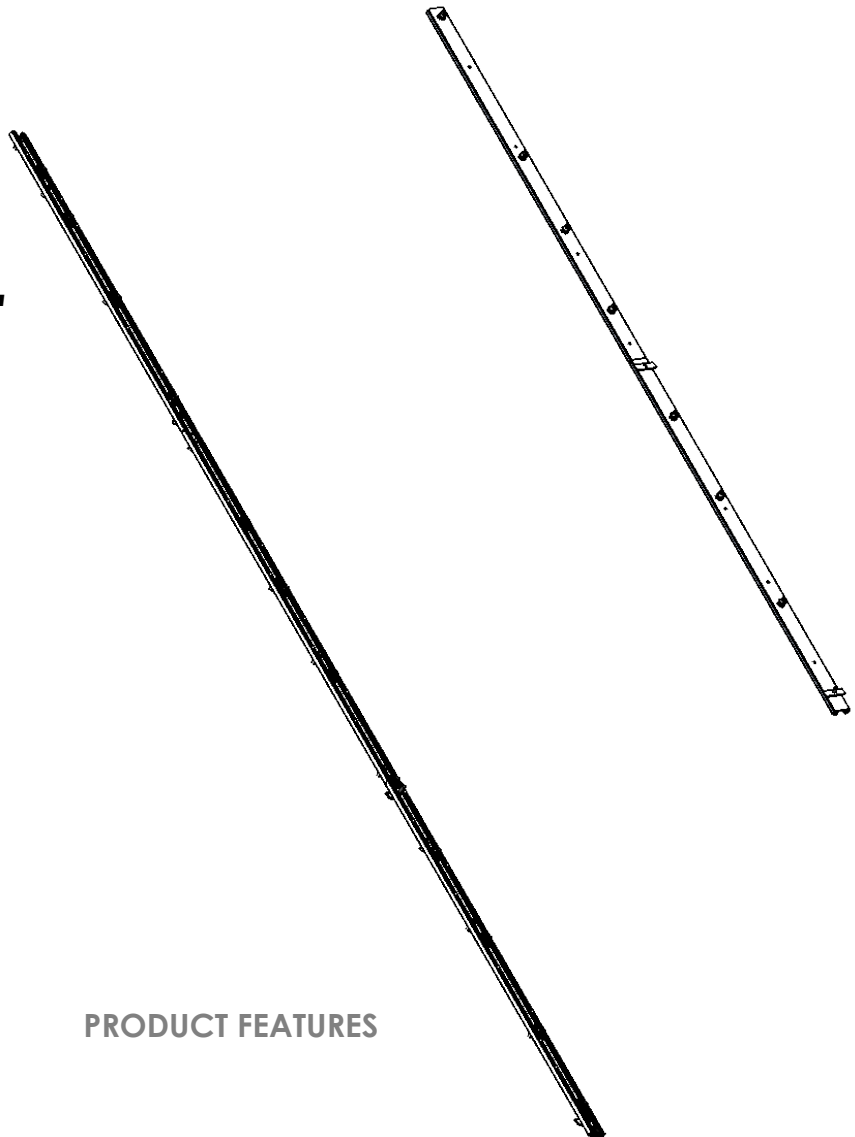
N/A

COLOR

RAW

CATALOG NUMBER

RK170SPRU



PRODUCT FEATURES

THIS PRODUCT IS DESIGNED FOR INSTALLTION IN THE MERCEDES SPRINTER, 170 WHEEL BASE; HIGH AND LOW ROOF VEHICLE.

RAIL KIT IS INSTALLED WITH THE ASCO PARTITION.

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



RAIL KIT SPRINTER 170 UPPER ONLY

CATALOG NUMBER

RK170SPRU

PRODUCT APPLICATION

THIS PRODUCT IS DESIGNED FOR INSTALLTION IN THE MERCEDES SPRINTER, 170 WHEEL BASE; HIGH AND LOW ROOF VEHICLE.

RAIL KIT IS INSTALLED WITH THE ASCO PARTITION.

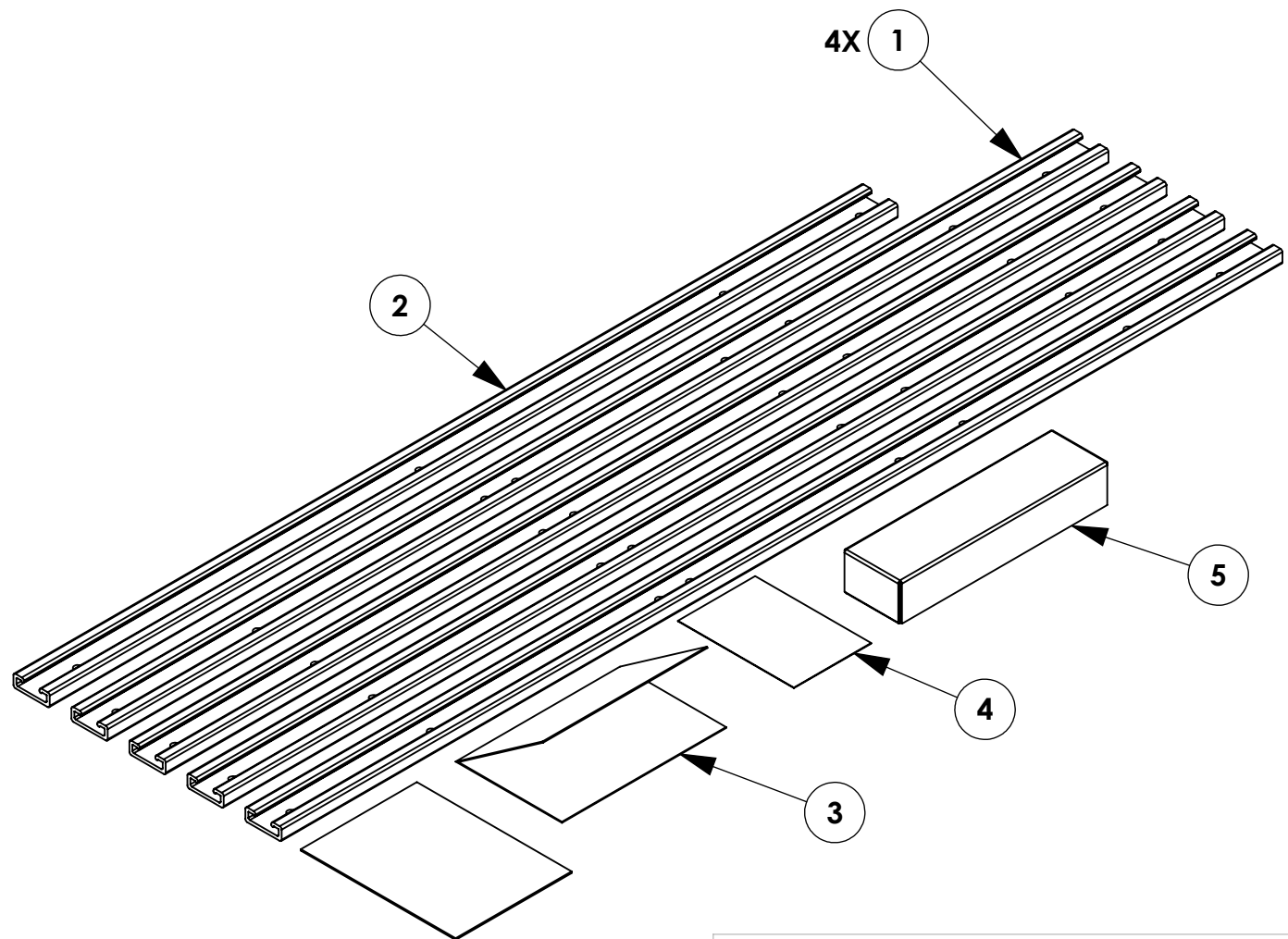
ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

<i>CATALOG NUMBER</i>	<i>DESCRIPTION (smart)</i>
HAD5059	HYBRID SHELVING UNIT, 14 X 59 X 50
HAD4459	HYBRID SHELVING UNIT, 14 X 59 X 44
HAD3259	HYBRID SHELVING UNIT, 14 X 59 X 32
HD-1632HR	HD SERIES SHELVING UNIT 16 X 63 X 32
HD-1640HR	HD SERIES SHELVING UNIT 16 X 63 X 40
HD-1644HR	HD SERIES SHELVING UNIT 16 X 63 X 44
HD1650HR	HD SERIES SHELVING UNIT 16 X 63 X 50
HD-1660HR	HD SERIES SHELVING UNIT 16 X 63 X 60
	<i>*ADD A "C" TO THE END OF THE HD PART NUMBERS FOR THE CONDUIT PASS-THROUGH OPTION</i>

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. : 67588		PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
PART : RK170SPRU				1	67585	RAIL, 51.78" SPR170 UPPER REAR	4
PART • RAIL KIT, SPR 170WB, DESC. • UPPER ONLY				2	67584	RAIL, 43.88" SPR144 UPPER FRONT	1
				3	67588	INSTALL INS FOR RK170SPRU	1
				4	BAG67591	BAG FOR RK170SPRU	1
				5	HDW67590	HDW KIT FOR SPR RAIL KITS	1
				6	67591	BOXING INSTRUCTIONS	1

**NOTE: THIS INSTRUCTION IS
VALID FOR THE FOLLOWING
KITS:**
- RK170SPRU



- TOOLS NEEDED:**
- T25 TORX
 - 3/16" ALLEN
 - 1/2" OPEN END WRENCH
 - 9/16" OPEN END WRENCH
 - RATCHET WRENCH WITH 1/2" SOCKET
 - MARKER
 - DRILL
 - 1/2" DRILL BIT OR STEP BIT
 - 1/2" DEEP DRILL STOP

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.

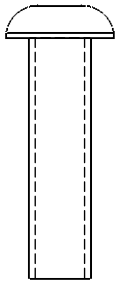
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

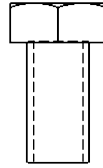
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

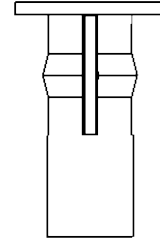
BAG REFERENCE: BAG67591



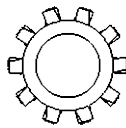
FAS0708
5/16-18X1.25
BUTTON HD CAP SCREW
QTY: 22



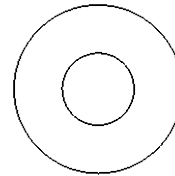
FAS0165
5/16-18X.62
HEX HD BOLT
QTY: 16



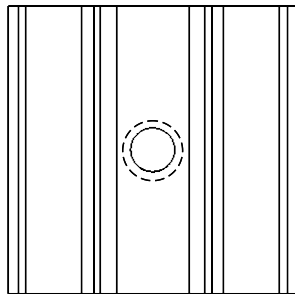
FAS0091
5/16 PLUSNUT
QTY: 18



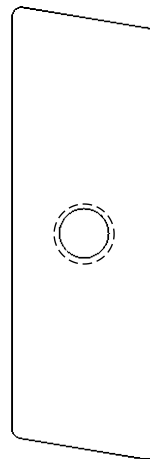
FAS0085
5/16 STAR WASHER
QTY: 38



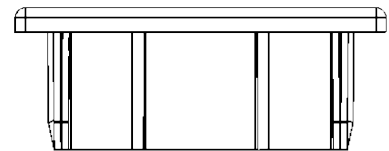
FAS0086
5/16 FLAT WASHER
QTY: 16



35335-0
SLIDE, 1.5" AD RAIL
QTY: 16



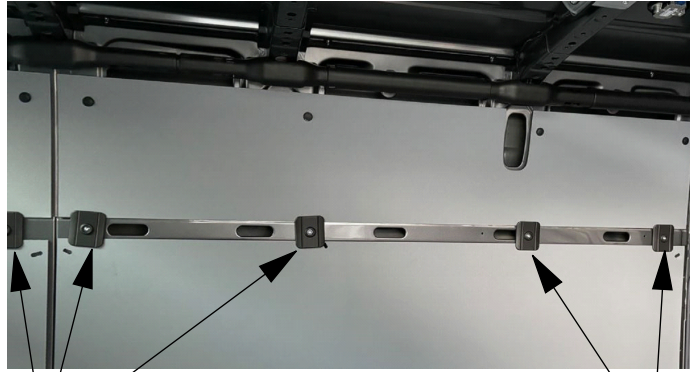
36503-0
RETAINER BAR
5/16-18 X 2 3/8
QTY: 4



36496-0
END CAP, RAIL
QTY: 4

INTENTIONALLY LEFT BLANK

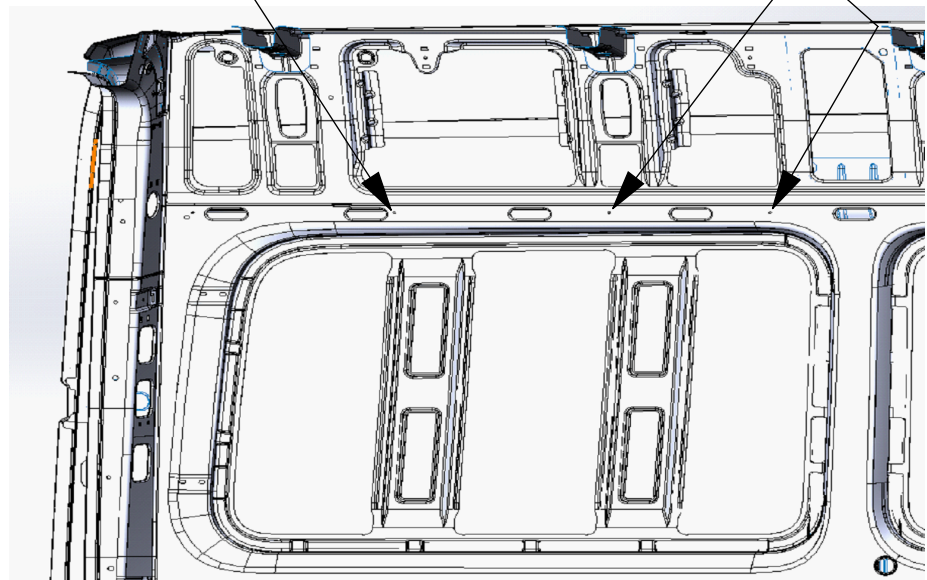
**STEP 1
REMOVE ALL
WALL LINER
RETAINING
BRACKETS IN
THE AREA OF
THE UPPER RAIL
INSTALLATION**



WALL LINER RETAINING BRACKETS

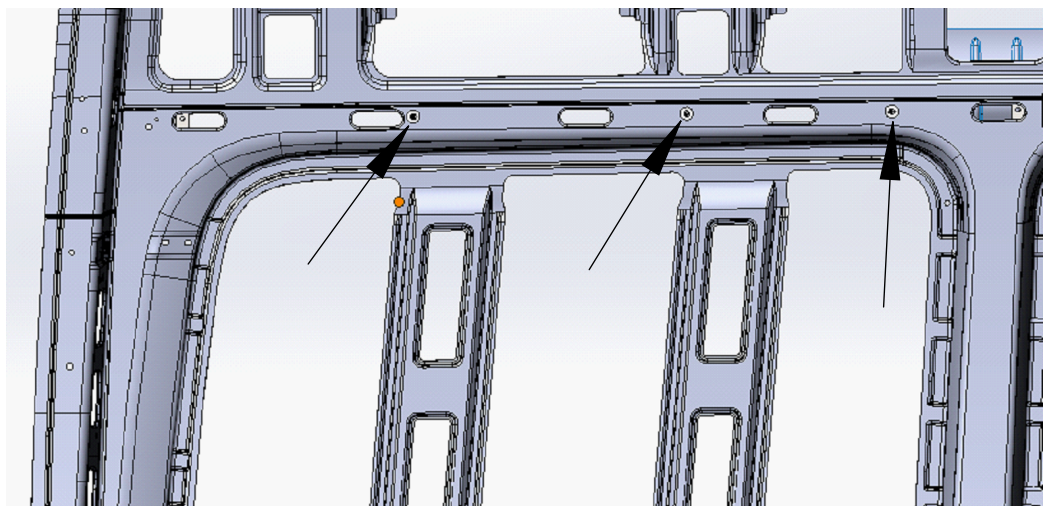
**STEP 2
STARTING WITH
THE REAR RAIL
(67585) ON THE
DRIVER SIDE,
LOCATE AND
ENLARGE
ATTACHMENT
HOLES TO 1/2"
WITH DRILL
STOP.**

**ENLARGE EXISTING HOLES TO
1/2" USING DRILL WITH DRILLSTOP**



← REAR OF VAN (DRIVER SIDE)

**STEP 3
INSTALL
PLUSNUTS
(FAS0091) INTO
THE
ATTACHMENT
HOLES.**



← REAR OF VAN (DRIVER SIDE)

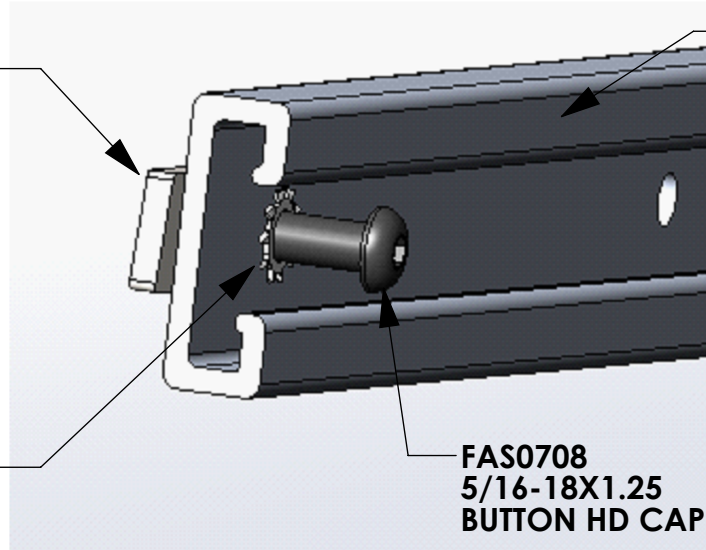
STEP 4
INSTALL
RETAINER BARS
ONTO THE FIRST
AND LAST HOLES
OF THE RAIL
USING THE
FASTENERS
CALLED OUT.

36503-0
RETAINER BAR

67585
REAR RAIL

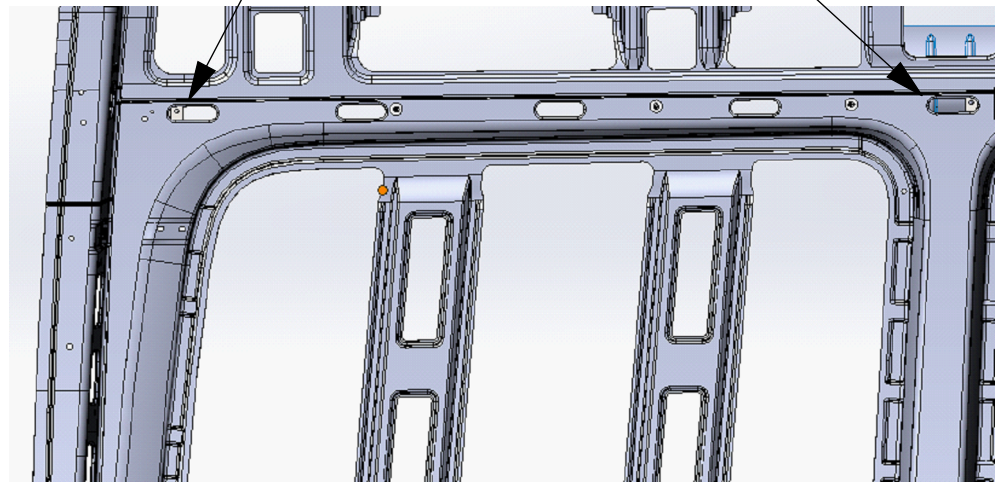
FAS0085
STAR WASHER

FAS0708
5/16-18X1.25
BUTTON HD CAP SCREW



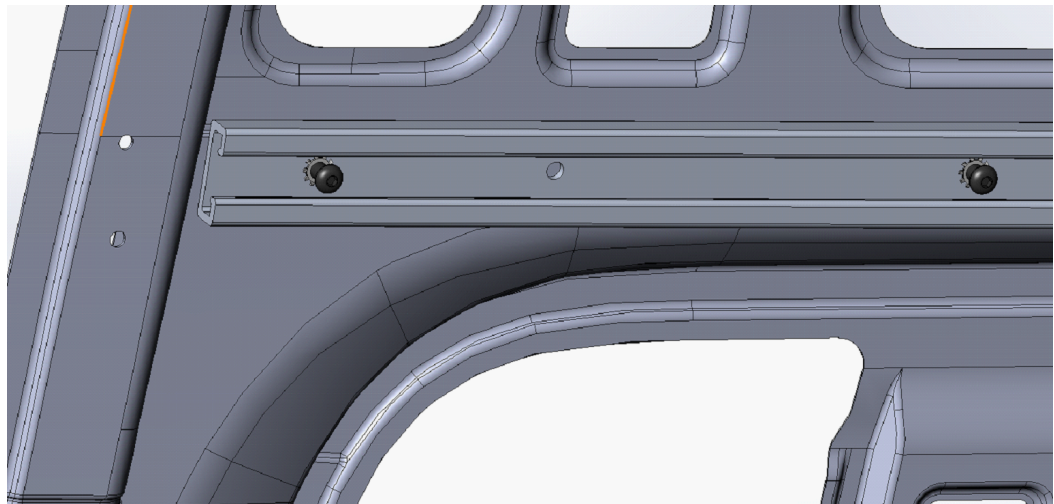
STEP 5
INSTALL THE RAIL
ONTO THE
DRIVER SIDE OF
THE VAN BY
PLACING THE
RETAINER BARS
INTO THE LARGE
SLOTS AT THE
END OF EACH
RAIL.

RETAINER BAR LOCATIONS



← **REAR OF VAN (DRIVER SIDE)**

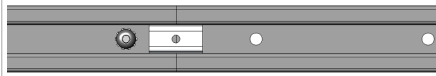
STEP 6
INSTALL FAS0708
WITH FAS0085
STAR WASHERS
INTO THE
PLUSNUTS
INSTALLED
EARLIER.



← **REAR OF VAN (DRIVER SIDE)**

STEP 8
USE SLIDE
(35335-0) TO
ALIGN THE NEXT
RAIL (67585),
LOCATE AND
ENLARGE
ATTACHMENT
HOLES TO 1/2"
WITH DRILL
STOP, TRANSFER
AND DRILL THE
ATTACHMENT
HOLES AT EACH
END OF RAIL TO
1/2" WITH
DRILLSTOP.

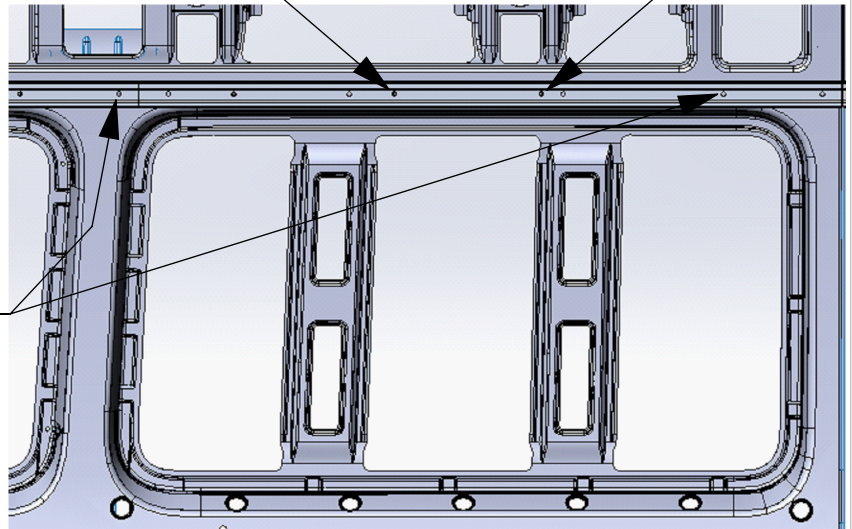
ALIGNMENT EXAMPLE



ENLARGE
EXISTING HOLES
TO 1/2" USING
DRILL WITH
DRILLSTOP.

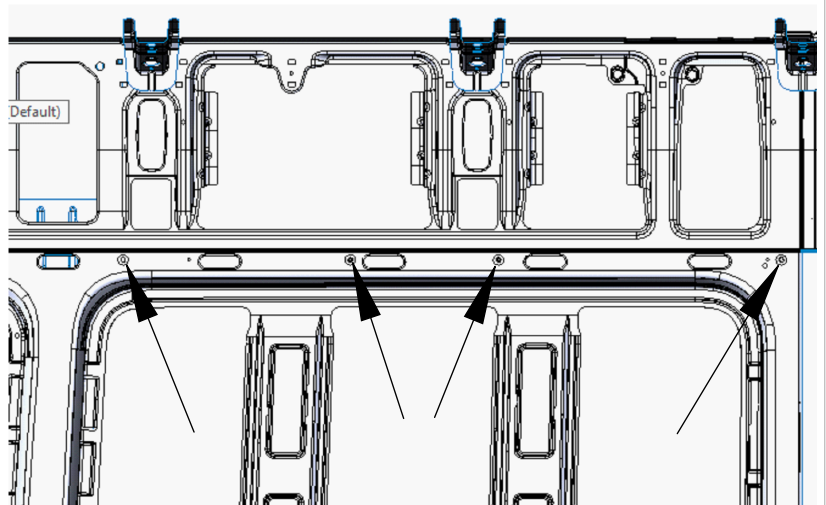
← REAR OF VAN
(DRIVER SIDE)

THESE HOLES TO BE DRILLED TO 1/2"
USING DRILL WITH DRILLSTOP



STEP 9
INSTALL PLUSNUTS
(FAS0091) INTO
THE ATTACHMENT
HOLES.
INSTALL THE RAIL
FAS0708 WITH
FAS0085 STAR
WASHERS INTO
THE PLUSNUTS
INSTALLED
EARLIER.

← REAR OF VAN
(DRIVER SIDE)



STEP 10
USE SLIDE
(35335-0) TO
ALIGN THE NEXT
RAIL (67584),
LOCATE AND
ENLARGE
ATTACHMENT
HOLES TO 1/2"
WITH DRILL
STOP, TRANSFER
AND DRILL THE
FORWARDMOST
ATTACHMENT
HOLE AT THE
END OF RAIL TO
1/2" WITH
DRILLSTOP.

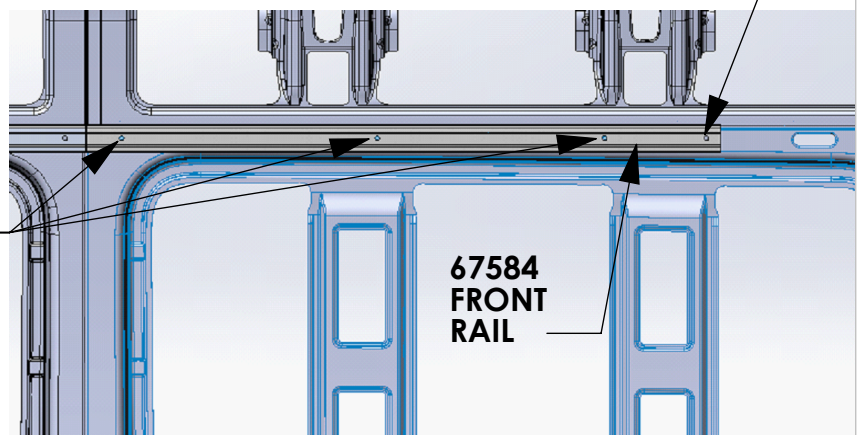
ALIGNMENT EXAMPLE



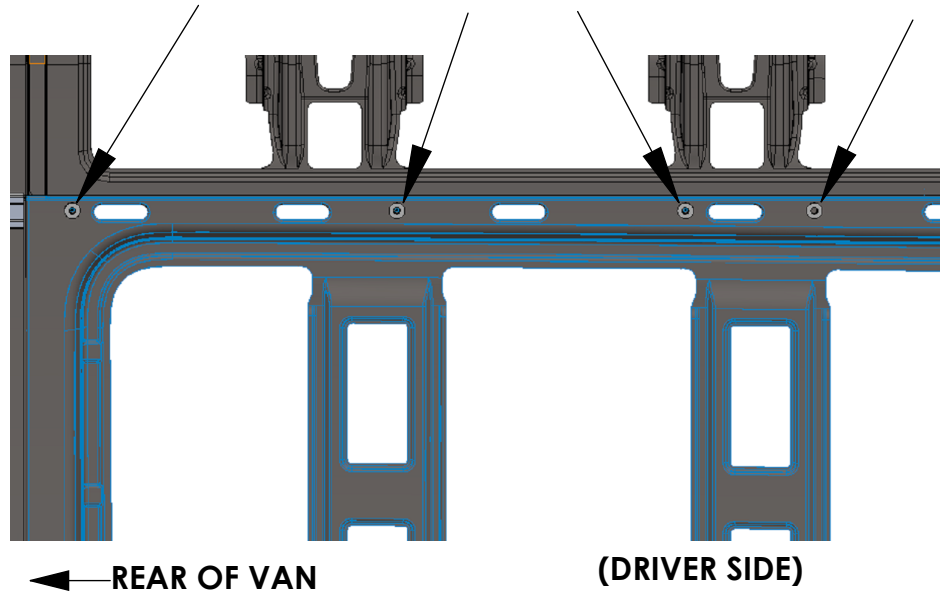
ENLARGE
EXISTING HOLES
TO 1/2" USING
DRILL WITH
DRILLSTOP.

← REAR OF VAN
(DRIVER SIDE)

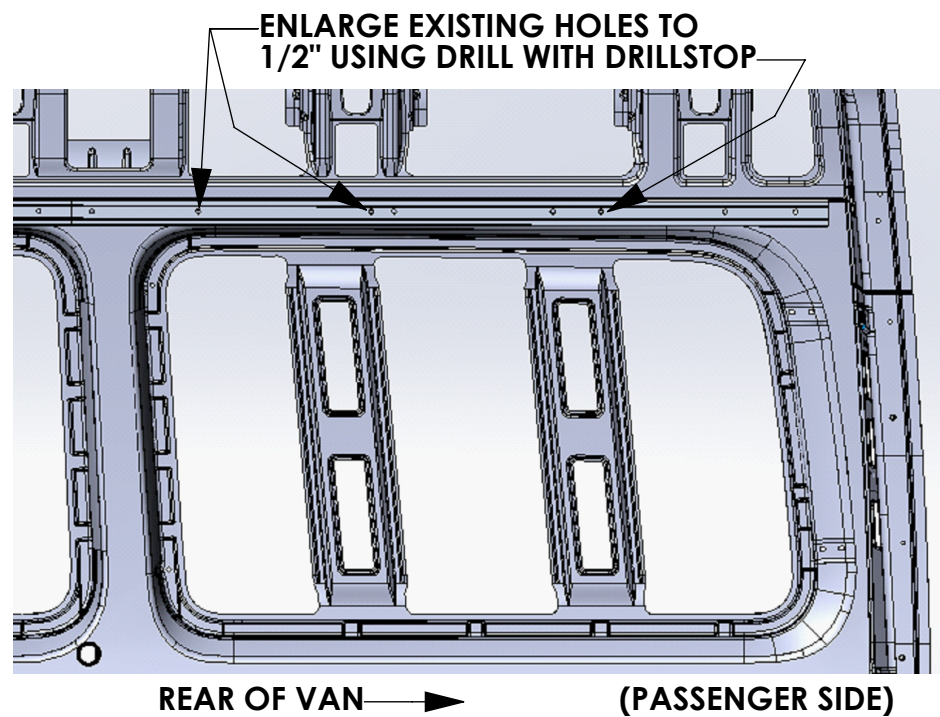
THIS HOLE TO BE DRILLED TO 1/2"
USING DRILL WITH DRILLSTOP



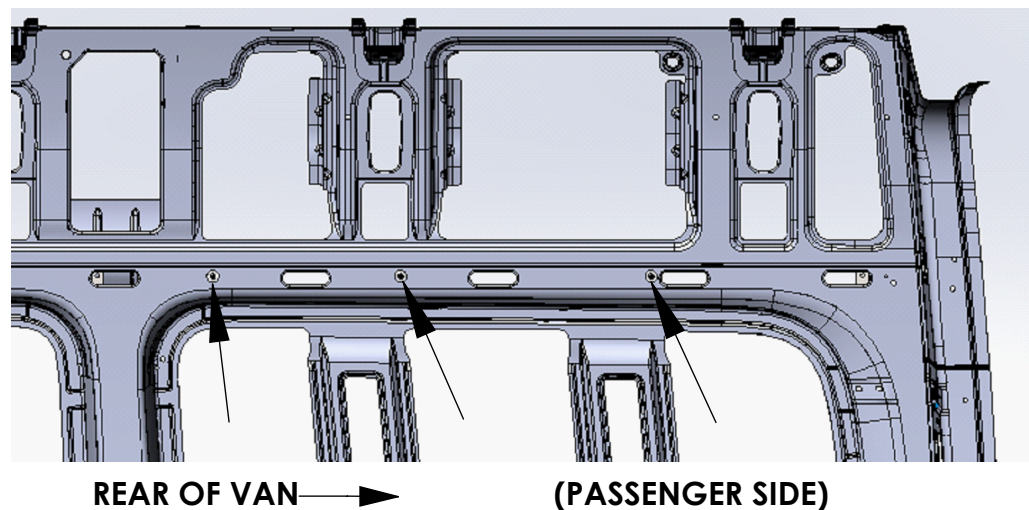
STEP 11
INSTALL PLUSNUTS
(FAS0091) INTO
THE ATTACHMENT
HOLES.
INSTALL THE RAIL
FAS0708 WITH
FAS0085 STAR
WASHERS INTO
THE PLUSNUTS
INSTALLED
EARLIER.



STEP 12
NEXT, WITH THE
REAR RAIL
(67585) ON THE
PASSENGER
SIDE, LOCATE
AND ENLARGE
ATTACHMENT
HOLES TO 1/2"
WITH DRILL
STOP.



STEP 13
INSTALL
PLUSNUTS
(FAS0091)
INTO THE
ATTACHMENT
HOLES.



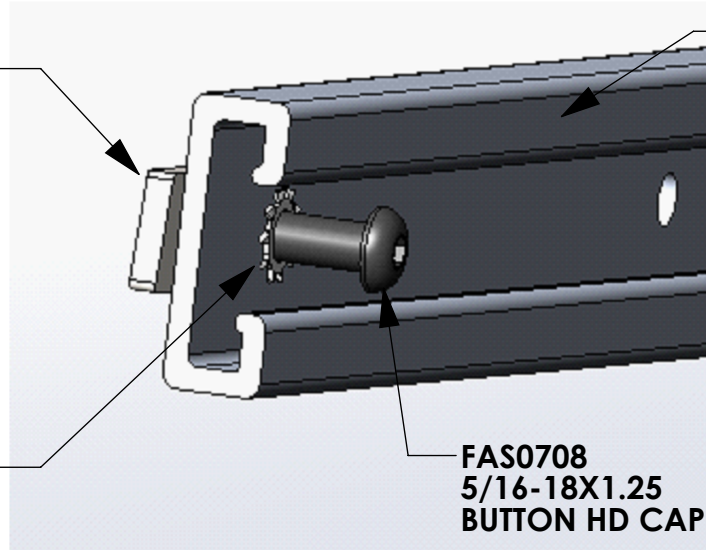
STEP 14
INSTALL
RETAINER BARS
ONTO THE FIRST
AND LAST HOLES
OF THE RAIL
USING THE
FASTENERS
CALLED OUT.

36503-0
RETAINER BAR

67585
REAR RAIL

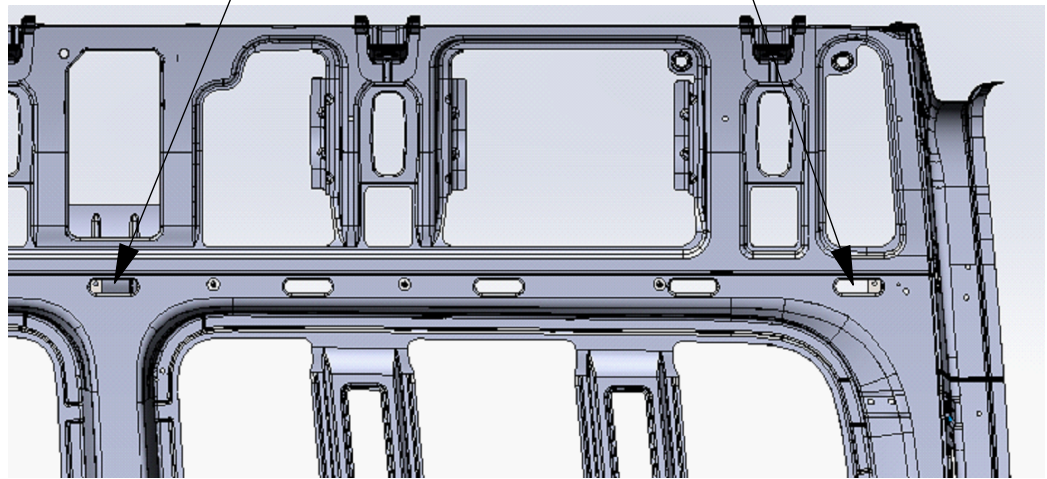
FAS0085
STAR WASHER

FAS0708
5/16-18X1.25
BUTTON HD CAP SCREW



STEP 15
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.

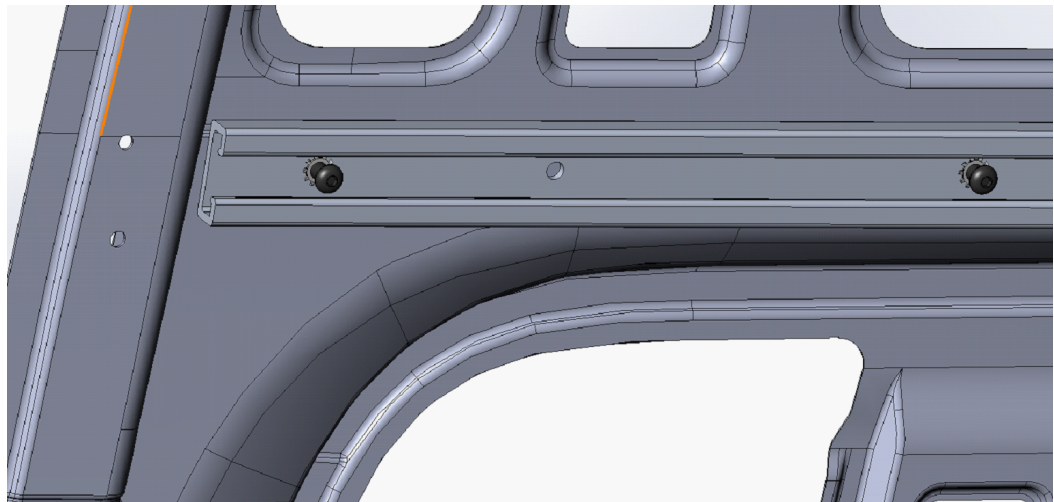
RETAINER BAR LOCATIONS



REAR OF VAN →

(PASSENGER SIDE)

STEP 16
INSTALL FAS0708
WITH FAS0085
STAR WASHERS
INTO THE
PLUSNUTS
INSTALLED
EARLIER.



REAR OF VAN →

(PASSENGER SIDE)

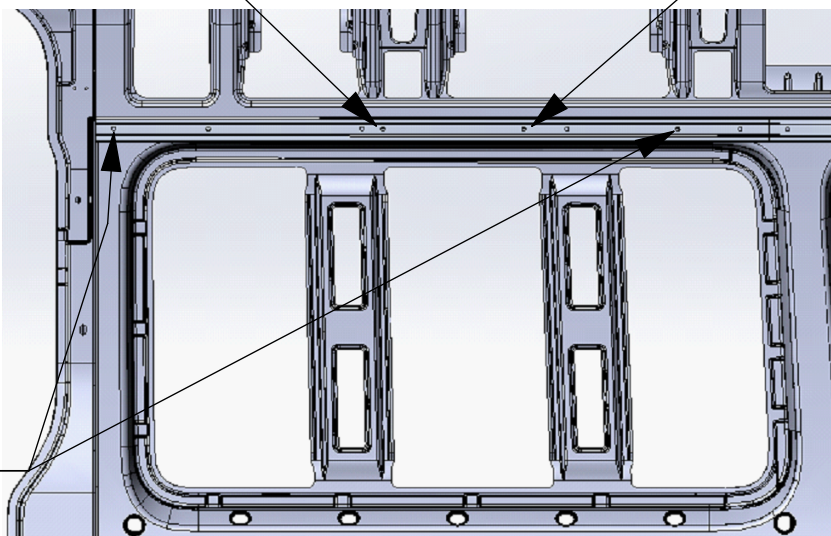
STEP 17
USE SLIDE
(35335-0) TO
ALIGN THE NEXT
RAIL (67585),
LOCATE AND
ENLARGE
ATTACHMENT
HOLES TO 1/2"
WITH DRILL
STOP, TRANSFER
AND DRILL THE
ATTACHMENT
HOLES AT EACH
END OF RAIL TO
1/2" WITH
DRILLSTOP.

ALIGNMENT EXAMPLE



THESE HOLES TO BE DRILLED TO 1/2"
USING DRILL WITH DRILLSTOP

ENLARGE
EXISTING HOLES
TO 1/2" USING
DRILL WITH
DRILLSTOP.

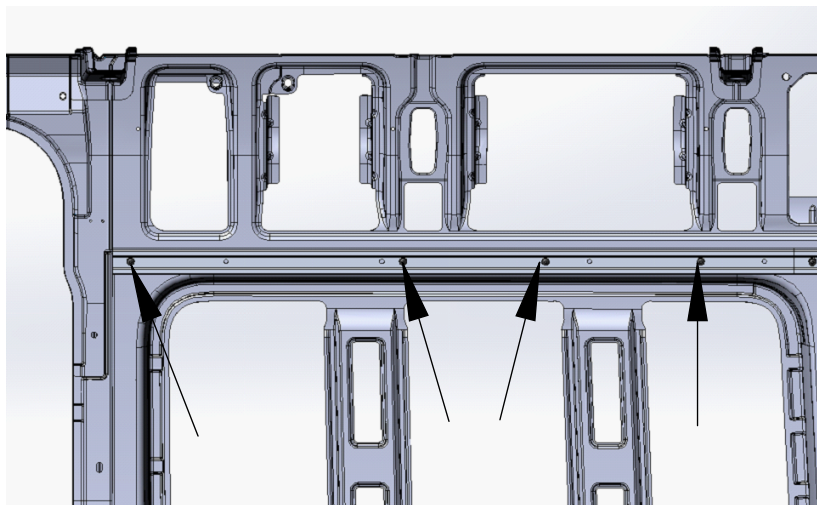


REAR OF VAN → (PASSENGER SIDE)

STEP 18
INSTALL PLUSNUTS
(FAS0091) INTO
THE ATTACHMENT
HOLES.
INSTALL THE RAIL
FAS0708 WITH
FAS0085 STAR
WASHERS INTO
THE PLUSNUTS
INSTALLED
EARLIER.

STEP 19
FULLY TIGHTEN
FAS0708 WITH
3/16 ALLEN

REAR OF VAN →
(PASSENGER SIDE)



STEP 20
INSERT 35335-0
SLIDES INTO
RAILS AND
INSTALL 36496-0
END CAPS.

