



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, FD TR HR 148X, DS

PRODUCT WEIGHT

10.22 LBS

VEHICLE

**Ford Transit ext. high roof
148" wheel base**

CAPACITY

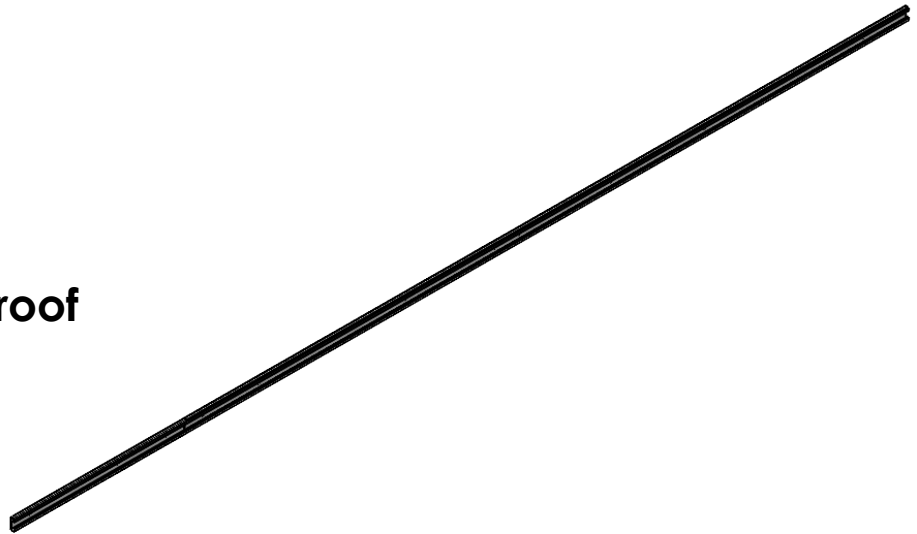
N/A

COLOR

GRAY

CATALOG NUMBER

ARKFTH148XDS



PRODUCT FEATURES

This product is designed for installation in the Ford Transit Extended High Roof 148" wheel base. It is optimized for use with the Next Generation Shelving. The rail kit 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, FD TR HR 148X, DS

CATALOG NUMBER **ARKFTH148XDS**

PRODUCT APPLICATION

This product is designed for installation in the Ford Transit Extended High Roof 148" wheel base. Optimized for use with the Next Generation Shelving.

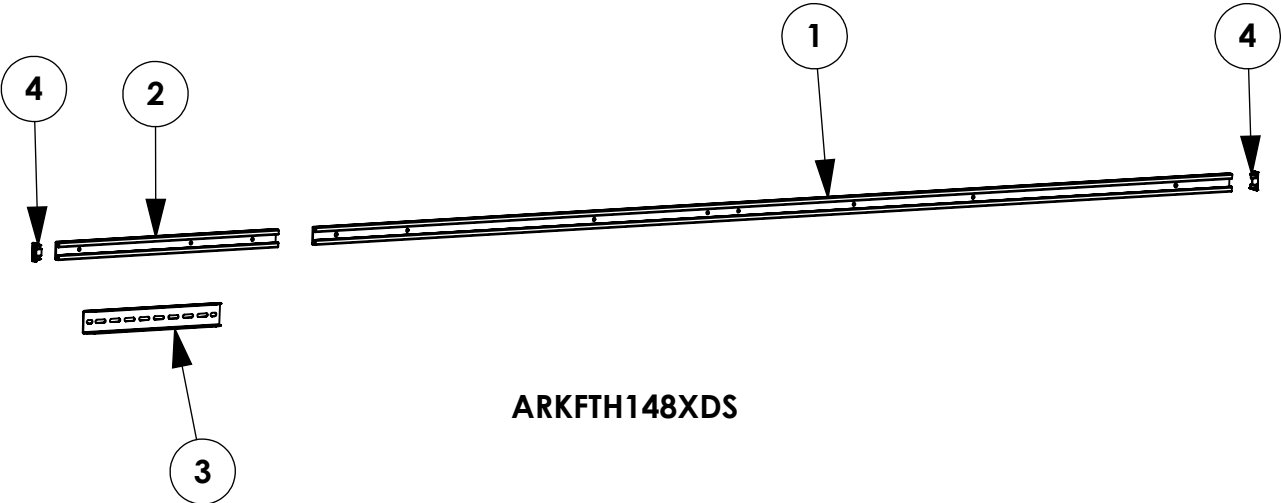
All next generation shelving kits for transit high extended roof vans. See online fitment guide for full list of shelving units.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

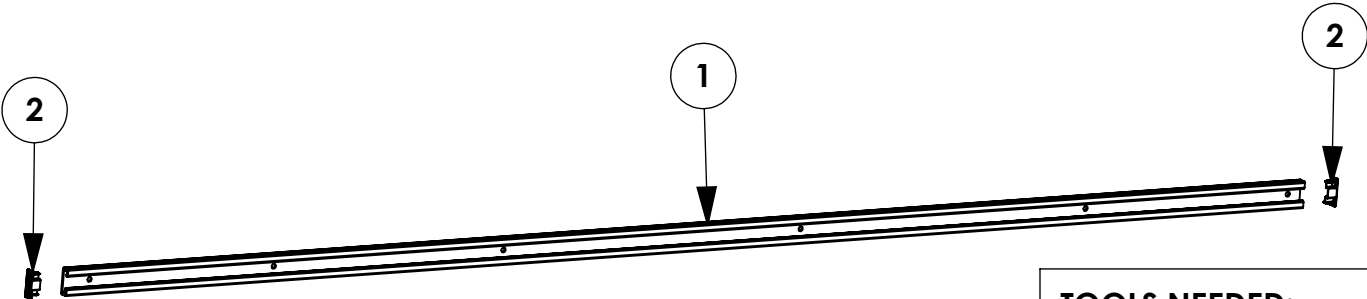
CATALOG NUMBER	DESCRIPTION (smart)
TDK	TIE DOWN SYSTEM (1)

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<i>INSTR. NUMBER</i> : INSARKFTH148X <i>PART NUMBER</i> : ARKFTH148XDS <i>PART NUMBER</i> : ARKFTH148XPS <i>PART</i> • RAIL KIT,FD TR HR 148X,DS <i>DESC.</i> • RAIL KIT,FD TR HR 148X,PS	<i>PG:</i>	<i>REV:</i>	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	1	A	1	47081	RAIL 119" , AD, LWB, MR	1
			2	47092	RAIL AD, 20287, 28.50	1
			3	AEPSPAN-G	D-PILLAR SPAN BRACKET,G	1
			4	36496-0	END CAP, RAIL EXTR #2	2



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	47093	RAIL, 100.93" AD, LWBEL HR	1
2	36496-0	END CAP, RAIL EXTR #2	2



ARKFTH148XPS

- TOOLS NEEDED:**
- 3/16 ALLEN
 - M8 ALLEN
 - 7/16 SOCKET
 - 1/2 DRILL STEP BIT
 - 1/2 DRILL STOP
 - PLUSNUT TOOL
 - DRILL

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.

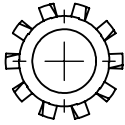
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

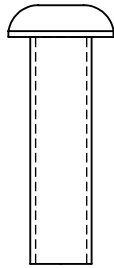
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

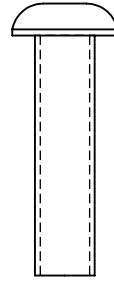
BAG REFERENCE: BAGARKFTH148XDS



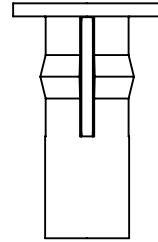
FAS0085
WASHER, LCK EXT.,
5/16, ZP
QTY: 9



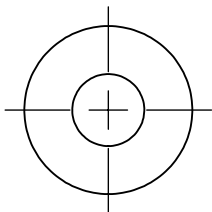
FAS0741
SCREW, BH HEX. SOC.,
M8-1.25X30
QTY: 5



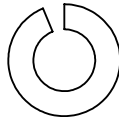
FAS0708
SCREW, BHCS,
5/16-18X1.25, ZN
QTY: 4



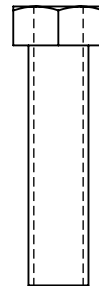
FAS0091
PLUSNUT, 5/16
QTY: 6



FAS0086
WASHER, FLAT USS,
5/16, ZP
QTY: 2



FAS0098
WASHER, LOCK, SPLIT,
5/16, ZP
QTY: 2

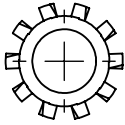


FAS0093
SCREW, HH,
5/16-18X1.25
QTY: 2

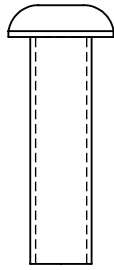
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FASTENERS USED

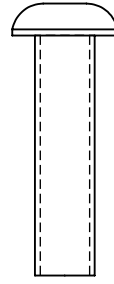
BAG REFERENCE: BAGARKFTH148XPS



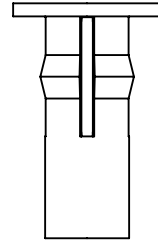
FAS0085
WASHER, LCK EXT.,
5/16, ZP
QTY: 6



FAS0741
SCREW, BH HEX. SOC.,
M8-1.25X30
QTY: 4



FAS0708
SCREW, BHCS,
5/16-18X1.25, ZN
QTY: 2



FAS0091
PLUSNUT, 5/16
QTY: 2

INTENTIONALLY LEFT BLANK

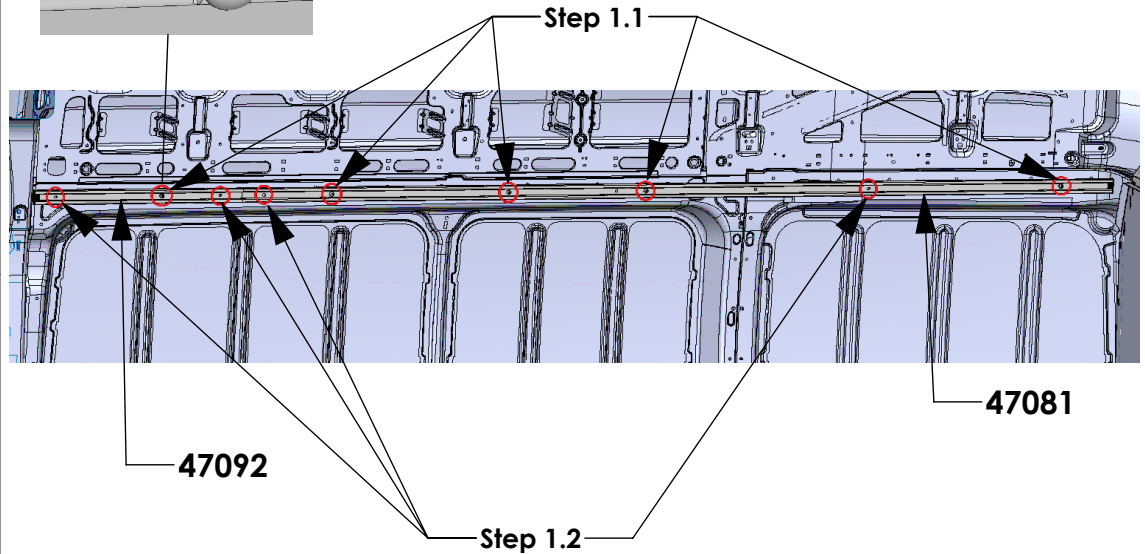
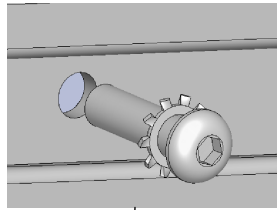
**ARKFTH148XDS RAIL KIT WORKING IN A FORD
TRANSIT 148WB EXTRA HIGH ROOF**

Step 1.1
PLACE RAILS
47092 IN THE REAR
AND 47081
AGAINST VAN
WALL AND USE
OEM HOLES TO
ALIGN RAIL USE
FAS00741 &
FAS0085 TO
MOUNT RAIL TO
WALL.

M8 ALLEN

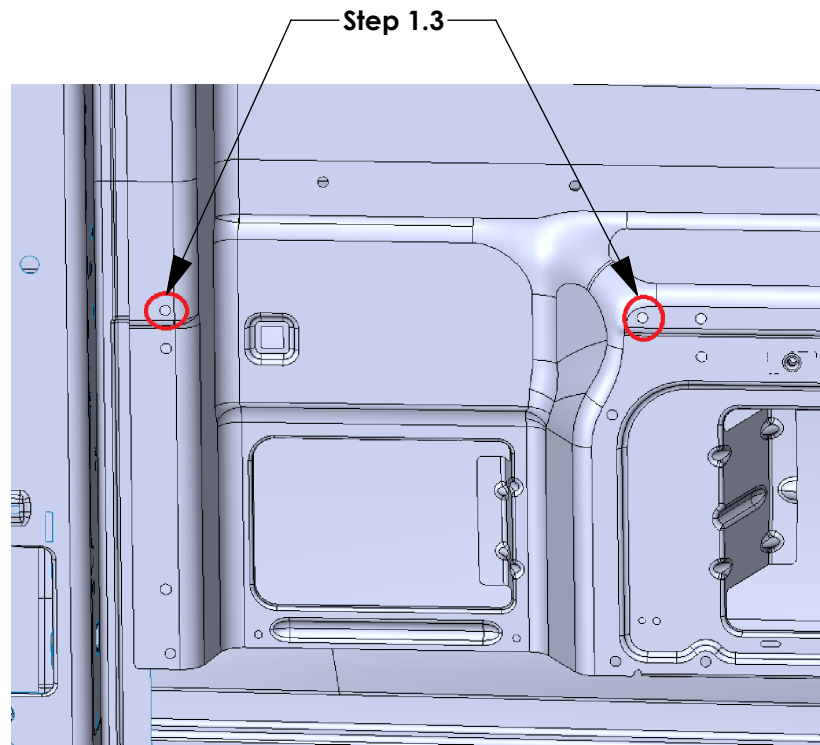
Step 1.2
MARK HOLES
SHOWN TO BE
DRILL TO 1/2" DIA
HOLE, REMOVE
RAIL AFTER HOLES
ARE MARKED

MARKER



Step 1.3
OPEN UP
EXISTING OEM
HOLES ON THE
BELT LINE TO
7/16" DIA HOLES

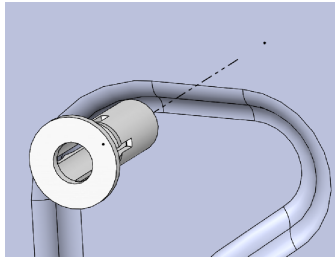
1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL



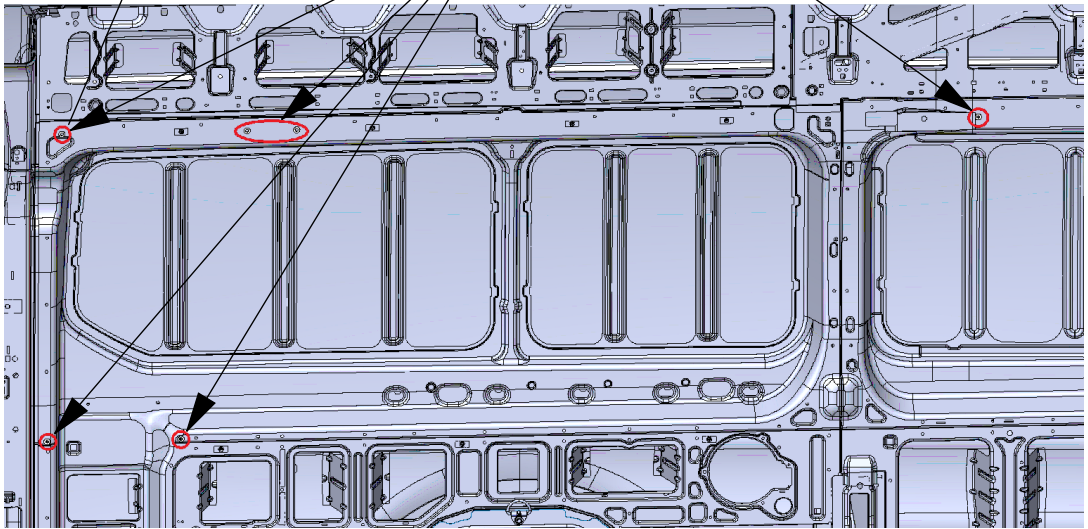
ARKFTH148XDS RAIL KIT WORKING IN A FORD TRANSIT 148WB EXTRA HIGH ROOF

Step 2.1
REMOVED RAILS
AND DRILL 1/2"
DIA HOLES.
PLACE FAS0091
INTO HOLES AND
USE PLUSNUT
DRILL

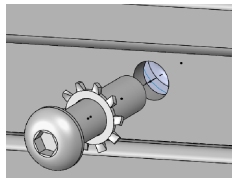
1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL
PLUSNUT TOOL



Step 2.1



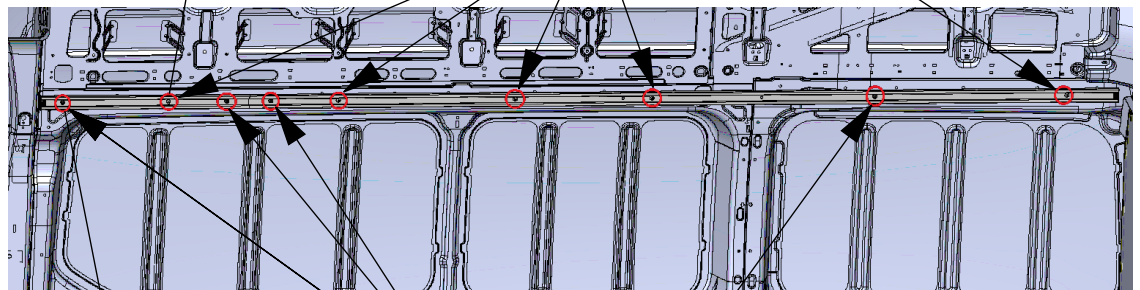
Step 3.1
PLACE 36496-0
(2) IN ENDS OF
THE RAILS



Step 3.1

Step 3.2
PLACE RAIL BACK
AGAINST WALL,
FULLY TIGHTEN
FAS0741 &
FAS0085 INTO
OEM HOLES

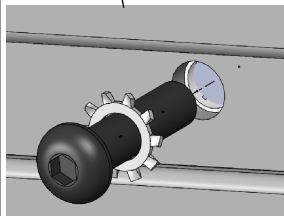
M8 ALLEN



Step 3.2

Step 3.2
FULLY TIGHTEN
FAS0708 &
FAS0085 INTO
HOLES LINED UP
TO FAS0091

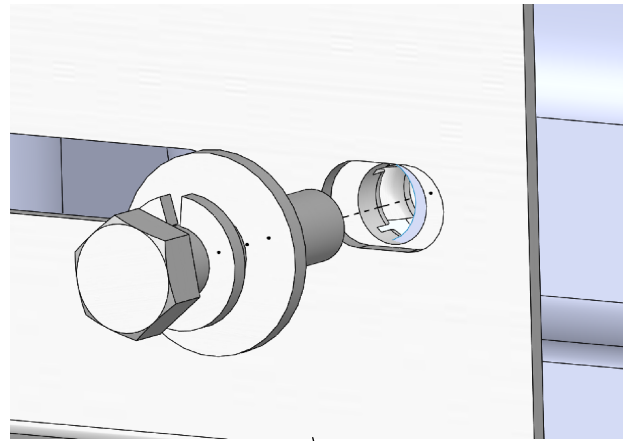
3/16 ALLEN



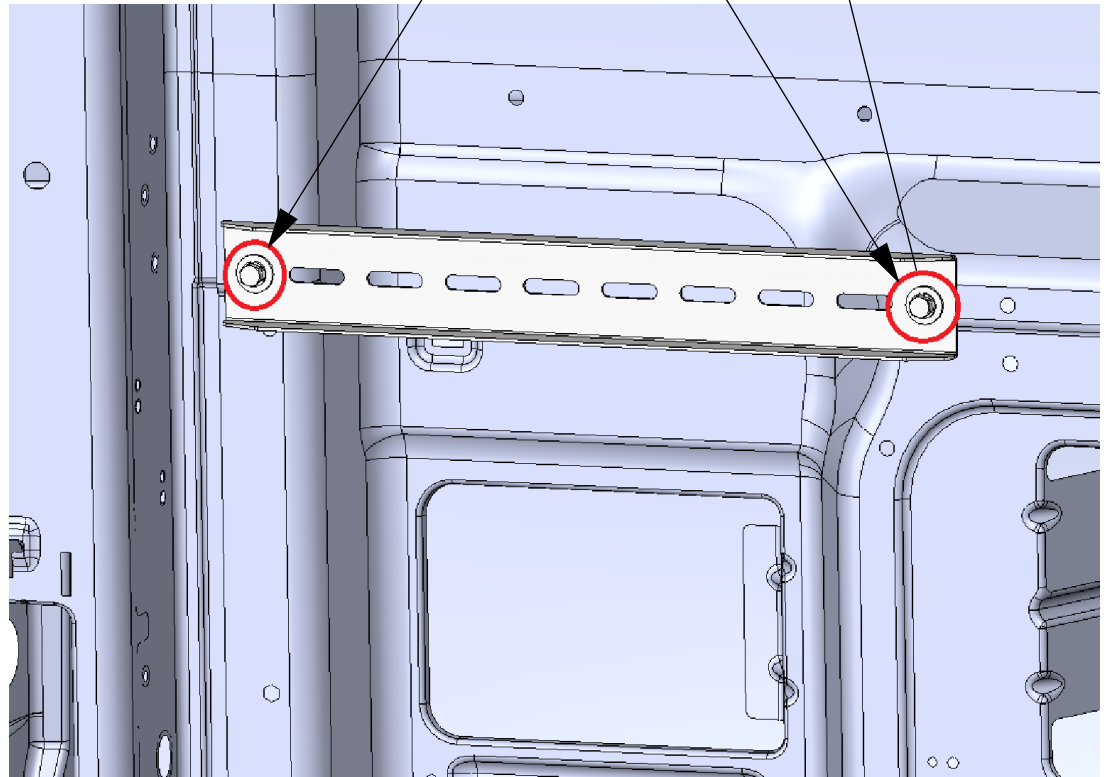
**ARKFTH148XDS RAIL KIT WORKING IN A FORD
TRANSIT 148WB EXTRA HIGH ROOF**

Step 4.1
PLACE AEPSPAN
AGAINST BELT
LINE, LINED UP
TO FAS0091.
FULLY TIGHTEN
FAS0093,
FAS0098, &
FAS0086 INTO
SLOTS. TIGHTEN
DOWN 100%

1/2 SOCKET
DRILL



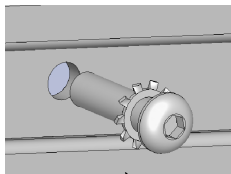
Step 4.1



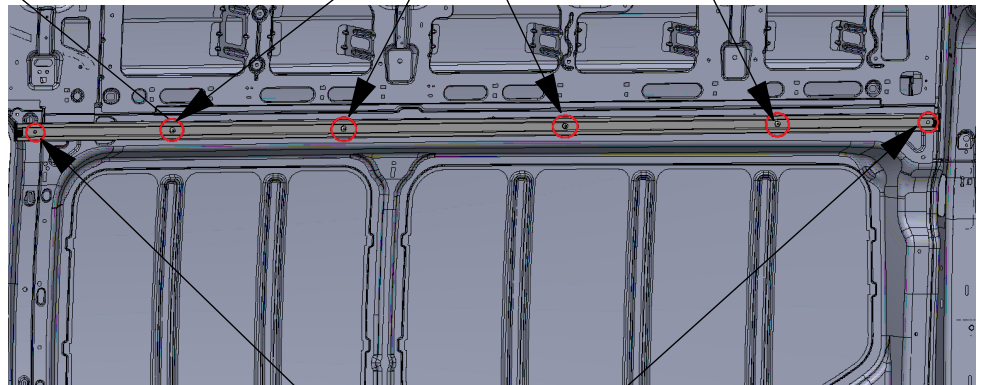
**ARKFTH148XPS RAIL KIT WORKING IN A FORD
TRANSIT 148WB EXTRA HIGH ROOF**

Step 1.1
PLACE RAIL
AGAINST VAN
WALL AND USE
OEM HOLES TO
ALIGN RAIL USE
FAS00741 &
FAS0085 TO
MOUNT RAIL TO
WALL.

M8 ALLEN



Step 1.1



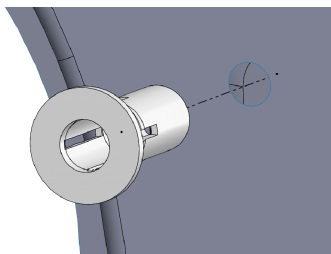
Step 1.2

Step 1.2
MARK HOLES
SHOWN TO BE
DRILLED OR
OPENED UP TO
1/2" DIA HOLE,
REMOVE RAIL
AFTER HOLES ARE
MARKED

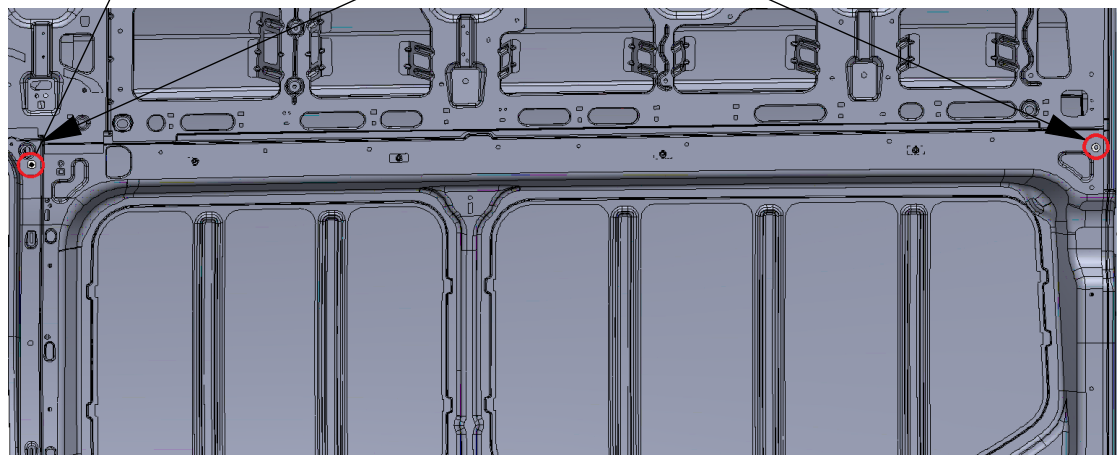
MARKER

Step 2.1
REMOVED RAIL
AND DRILL 1/2"
DIA HOLES.
PLACE FAS0091
INTO HOLES AND
USE PLUSNUT
DRILL

1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL
PLUSNUT TOOL

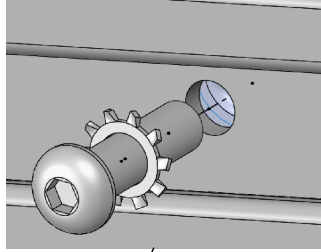
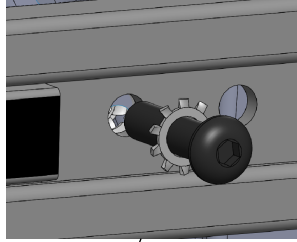


Step 2.1



**ARKFTH148XPS RAIL KIT WORKING IN A FORD
TRANSIT 148WB EXTRA HIGH ROOF**

Step 3.1
PLACE 36496-0
(2) IN ENDS OF
THE RAILS



Step 3.2
THEN PLACE RAIL
BACK AGAINST
WALL, FULLY
TIGHTEN FAS0741
& FAS0085 INTO
OEM HOLES

M8 ALLEN

Step 3.2
FULLY TIGHTEN
FAS0708 &
FAS0085 INTO
HOLES LINED UP
TO FAS0091

3/16 ALLEN

