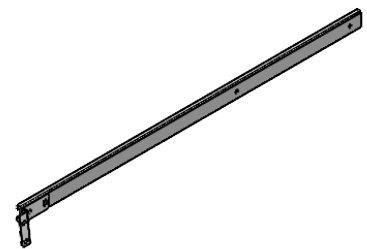


**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, PM LR 118

PRODUCT WEIGHT**9.71 LBS*****VEHICLE*****RAM Promaster low roof
118" wheel base*****CAPACITY*****N/A*****COLOR*****GRAY*****CATALOG NUMBER*****ARKPML118*****PRODUCT FEATURES***

This product is design for installation in the RAM Promaster Low Roof 118" wheel base. It is optimized for use with the next generation shelving. The rail kit includes brackets that span the window cavities to support 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, PM LR 118

CATALOG NUMBER **ARKPML118**

PRODUCT APPLICATION

This product is design for installation in the RAM Promaster Low Roof 118" wheel base. Optimized for use with the next generation shelving.

All next generation shelving kits for promaster low 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 SYSTEM (1)

**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, PM LR 118, DS

PRODUCT WEIGHT

6.04 LBS

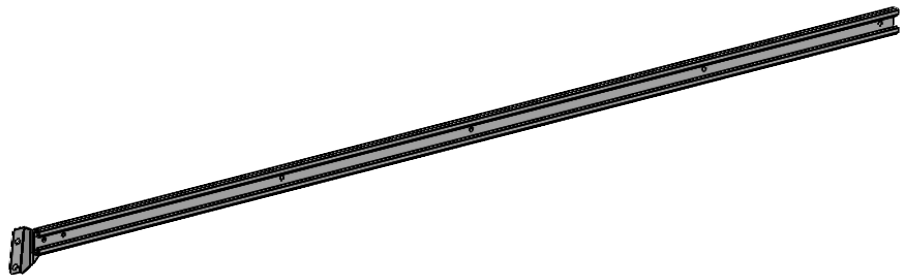
VEHICLE

**RAM Promaster low roof
118" wheel base**

CAPACITY

N/A

COLOR

GRAY

CATALOG NUMBER

ARKPML118DS

PRODUCT FEATURES

This product is design for installation in the RAM Promaster Low Roof 118" wheel base. It is optimized for use with the next generation shelving. The rail kit includes brackets that span the window cavities to support AD mounting rail.

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



RAIL KIT, PM LR 118, DS

CATALOG NUMBER **ARKPML118DS**

PRODUCT APPLICATION

This product is design for installation in the RAM Promaster Low Roof 118" wheel base. Optimized for use with the next generation shelving.

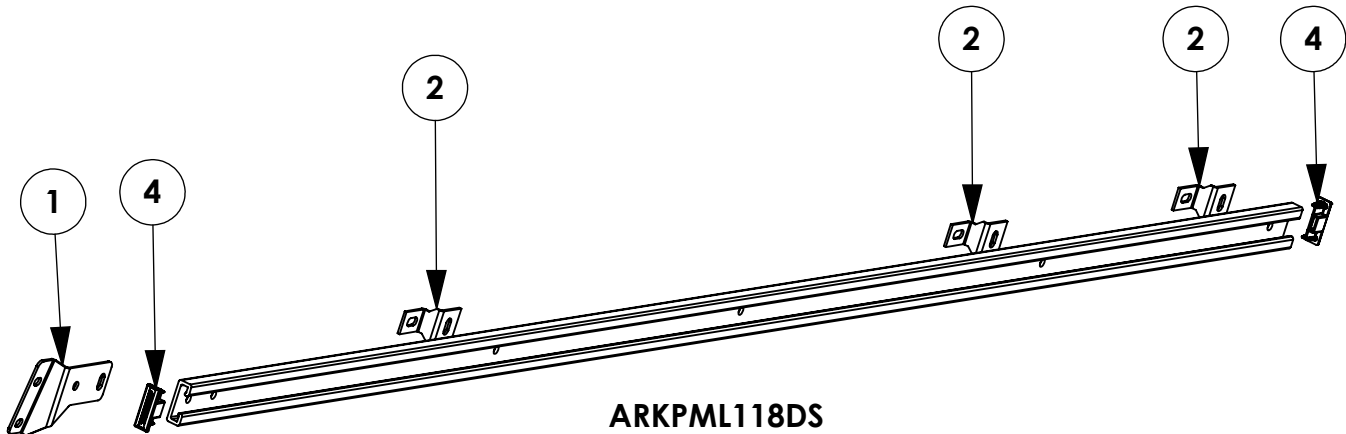
All next generation shelving kits for promaster low roof vans. See online fitment guide for full list of shelving units.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

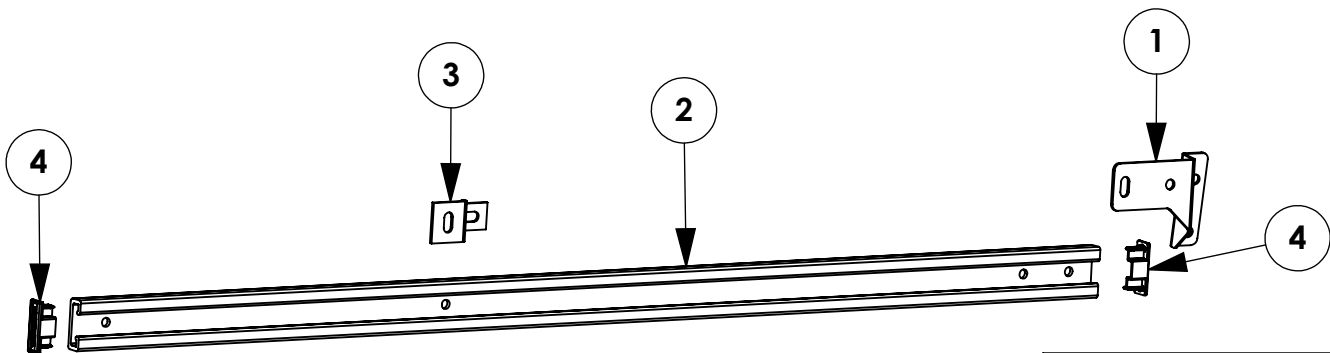
<i>CATALOG NUMBER</i>	<i>DESCRIPTION (smart)</i>
TDK	TIE DOWN SYSTEM (1)

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 : INSARKPML118 PART NUMBER : ARKPML118DS ARKPML118PS PART • RAIL KIT,PM 118,DS DESC. • RAIL KIT,PM 118,PS	PG: 1	REV: A	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
			1	45715-G	C-BRKT, SS, PROMASTER	1
			2	45718-G	RAIL MTG BRKT, PROMASTER	3
			3	47548	RAIL 91" STRSD AD SERIES	1
			4	36496-0	END CAP, RAIL EXTR #2	2



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	45716-G	C-BRKT, CS, PROMASTER	1
2	47547	RAIL 45.00" CRBSD AD SERIES	1
3	45718-G	RAIL MTG BRKT, PROMASTER	1
4	36496-0	END CAP, RAIL EXTR #2	2



ARKPML118PS

- TOOLS NEEDED:**
- PHILPS HEAD SCREWDRIVER
 - 7/16 WRENCH
 - 5/16 ALLEN
 - 1/2 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 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.

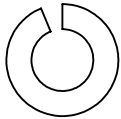
CHECK SPACER ORIENTATION - BE SURE THAT THE INDENT IN THE SPACER COVERS THE PLUSNUT HEAD; THIS ENSURES THE MOST METAL-TO-METAL CONTACT AND REDUCES VIBRATION.

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).

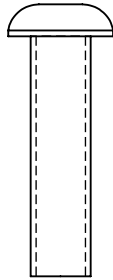
THRU-BOLT CLEARANCE - WHEN USING A THRU-BOLT AT ANY MOUNTING LOCATION, BE SURE THAT YOUR HOLE HAS 1/16" CLEARANCE.

FASTENERS USED

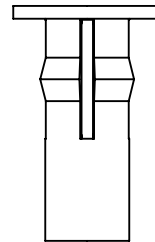
BAG REFERENCE: BAGARKPML118DS



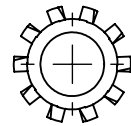
FAS0098
WASHER, LOCK, SPLIT,
5/16, ZP
QTY: 5



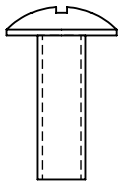
FAS0708
SCREW, BHCS
5/16-18X1.25 ZN
QTY: 1



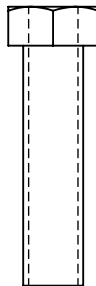
FAS0091
PLUSNUT, 5/16
QTY: 6



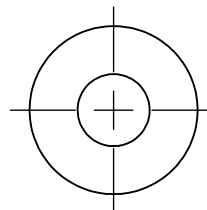
FAS0085
WASHER, LCK EXT,
5/16, ZP
QTY: 1



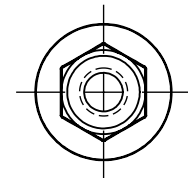
FAS0062
SCREW, THP,
1/4-20X.75, G5 ZP
QTY: 5



FAS0093
SCREW, HEX HEAD,
5/16-18X1.25
QTY: 5



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

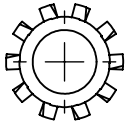


FAS0055
NUT, HEX NLK FLG,
1/4-20, ZP
QTY: 5

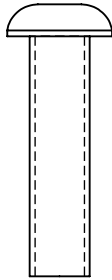
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FASTENERS USED

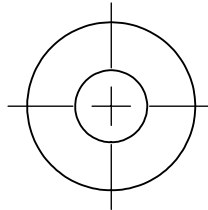
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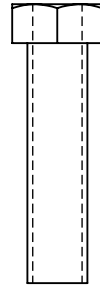
**FAS0085
WASHER, LCK EXT,
5/16, ZP
QTY: 1**



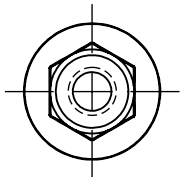
**FAS0708
SCREW, BHCS
5/16-18X1.25 ZN
QTY: 1**



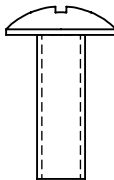
**FAS0086
WASHER, FLAT USS,
5/16, ZP
QTY: 3**



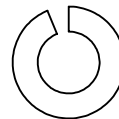
**FAS0093
SCREW, HEX HEAD,
5/16-18X1.25
QTY: 3**



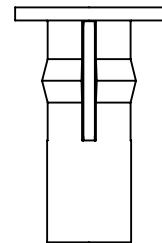
**FAS0055
NUT, HEX NLK FLG,
1/4-20, ZP
QTY: 3**



**FAS0062
SCREW, THP,
1/4-20X.75, G5 ZP
QTY: 3**



**FAS0098
WASHER, LOCK, SPLIT,
5/16, ZP
QTY: 3**



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

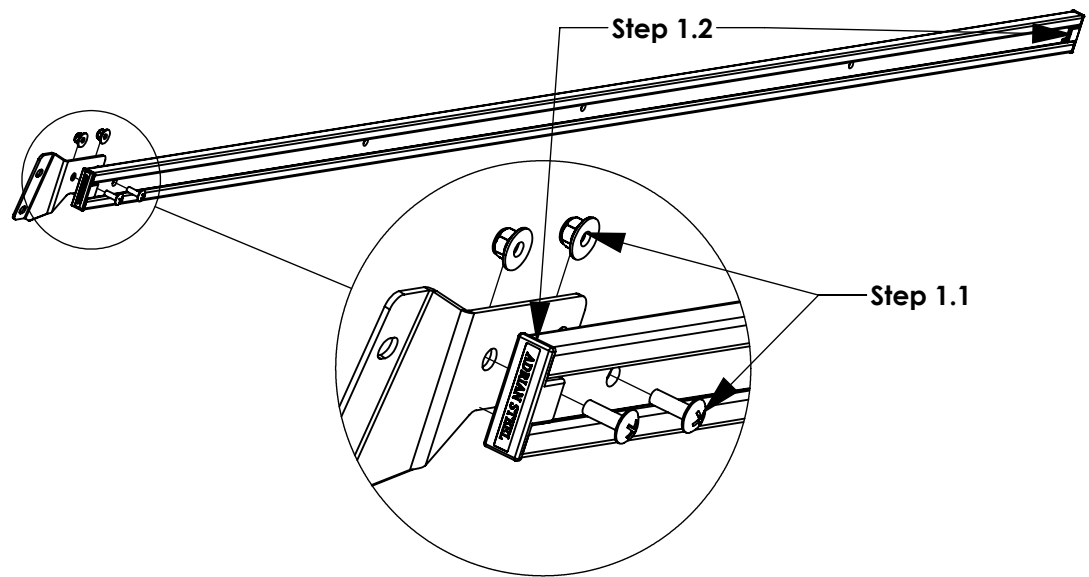
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ARKPML118DS TO BE USED WITH PROMASTER LOW ROOF 118WB

Step 1.1
USE FAS0062 &
FAS0055 TO
MOUNT 45715
TO RAIL 47548

PHILP HEAD
SCREWDRIVER
7/16 OPEN
WRENCH

Step 1.2
PLACE (2)
36496-0 AT
ENDS OF RAILS

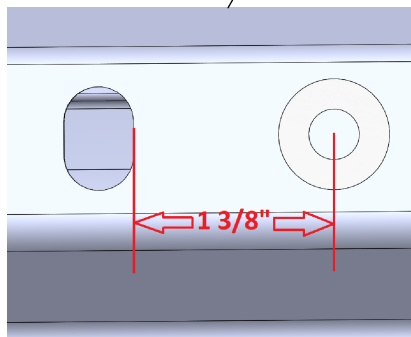
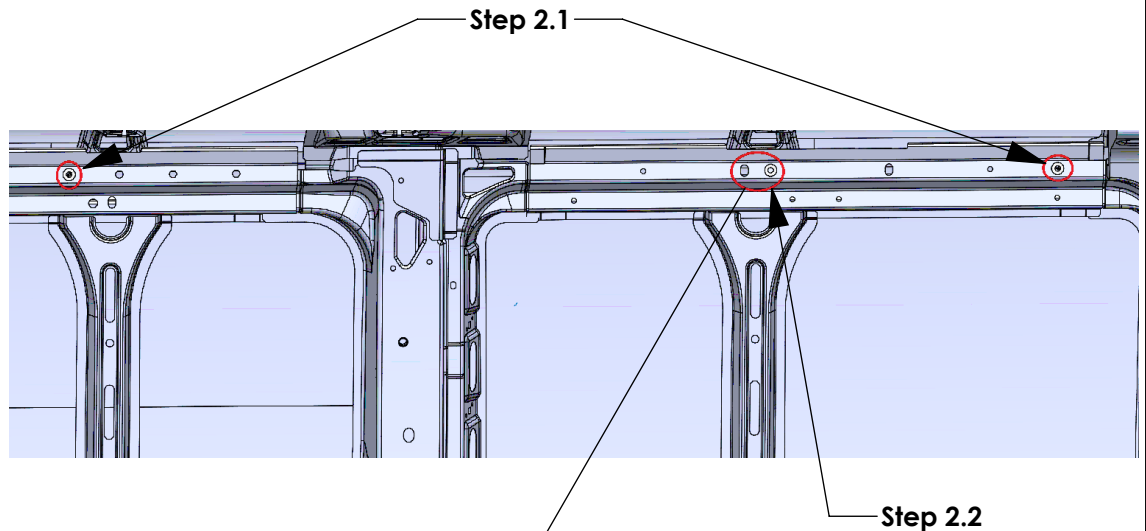


Step 2.1
DRILL THE 2 OEM
HOLES SHOWN
TO 1/2 DIA
HOLES

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

Step 2.2
MEASURE 1 3/8
TO THE
APPROXAMITE
CENTER OF SLOT
TO DRILL HOLE
1/2 DIA HOLE

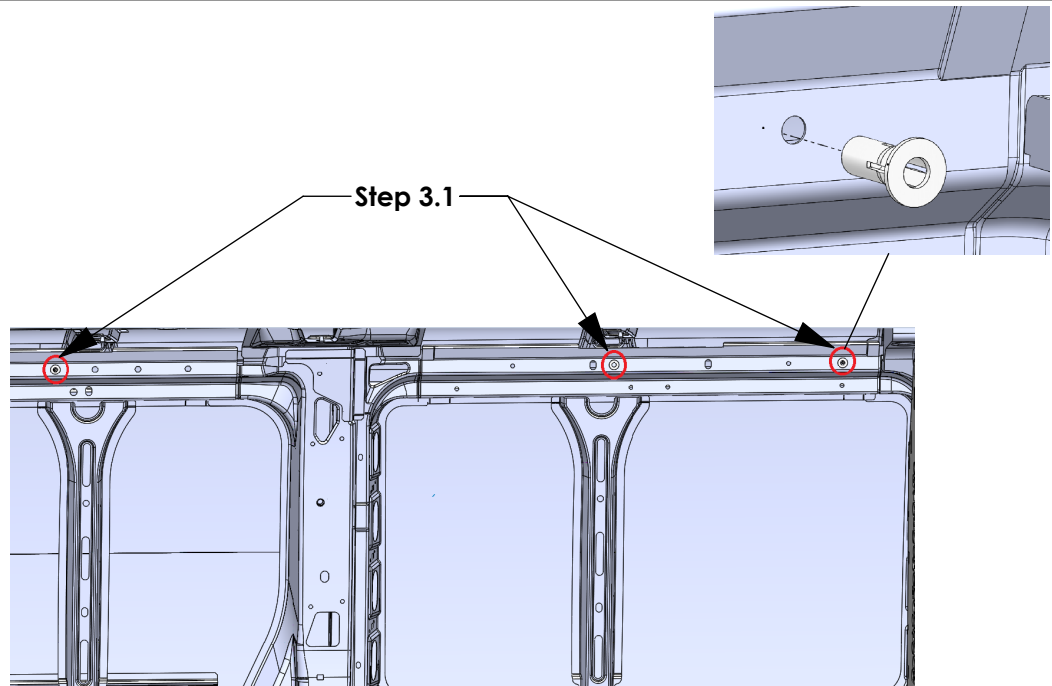
1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL



**ARKPML118DS TO BE USED WITH PROMASTER LOW ROOF
118WB**

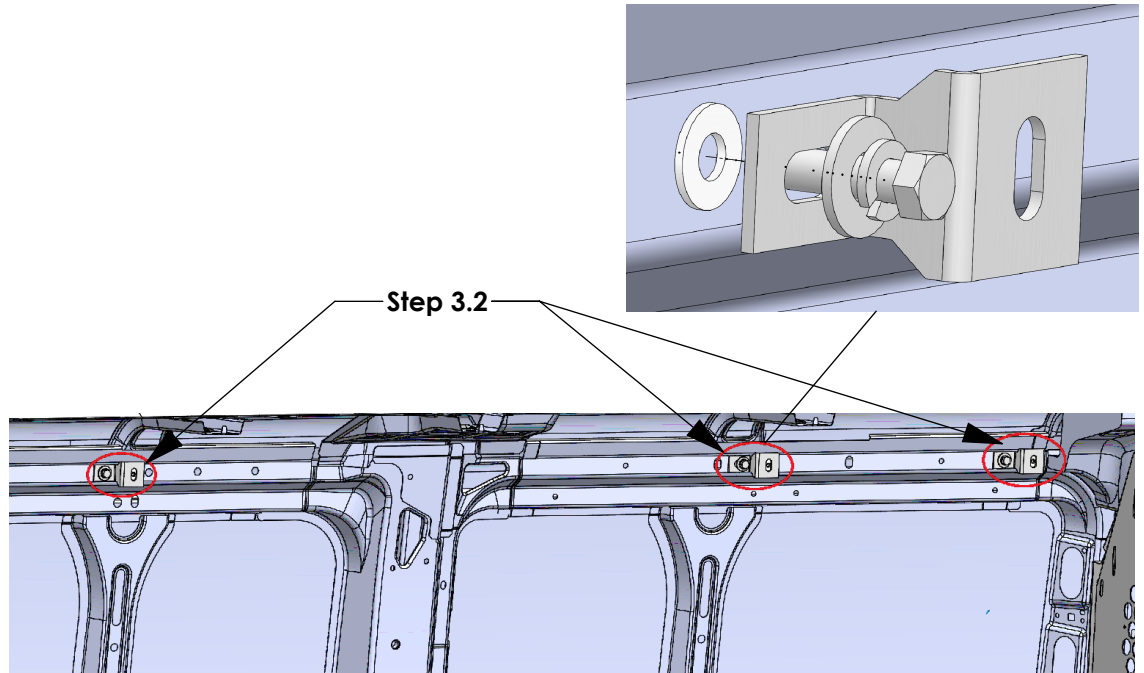
Step 3.1
AFTER HOLES
HAVE BEEN
DRILLED PLACE
FAS0091 INTO
HOLES, USE
PLUSNUT TOOL
TO SECURE
THEM

PLUSNUT TOOL



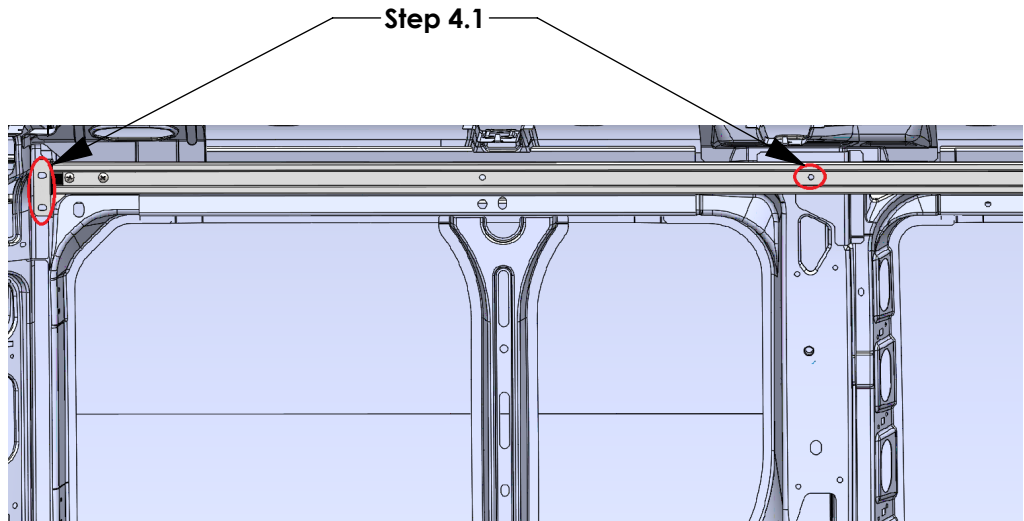
Step 3.2
ALIGN BRACKET
45718 TO
PLUSNUT, KEEP
BRACKETS
PARALLEL WITH
FLOOR. FULLY
TIGHTEN FAS0093,
FAS0098, &
FAS0086 TO
SECURE TO WALL.
LOOSELY TIGHTEN
BRACKET UNTIL
STEP 5.1

1/2 SOCKET
DRILL



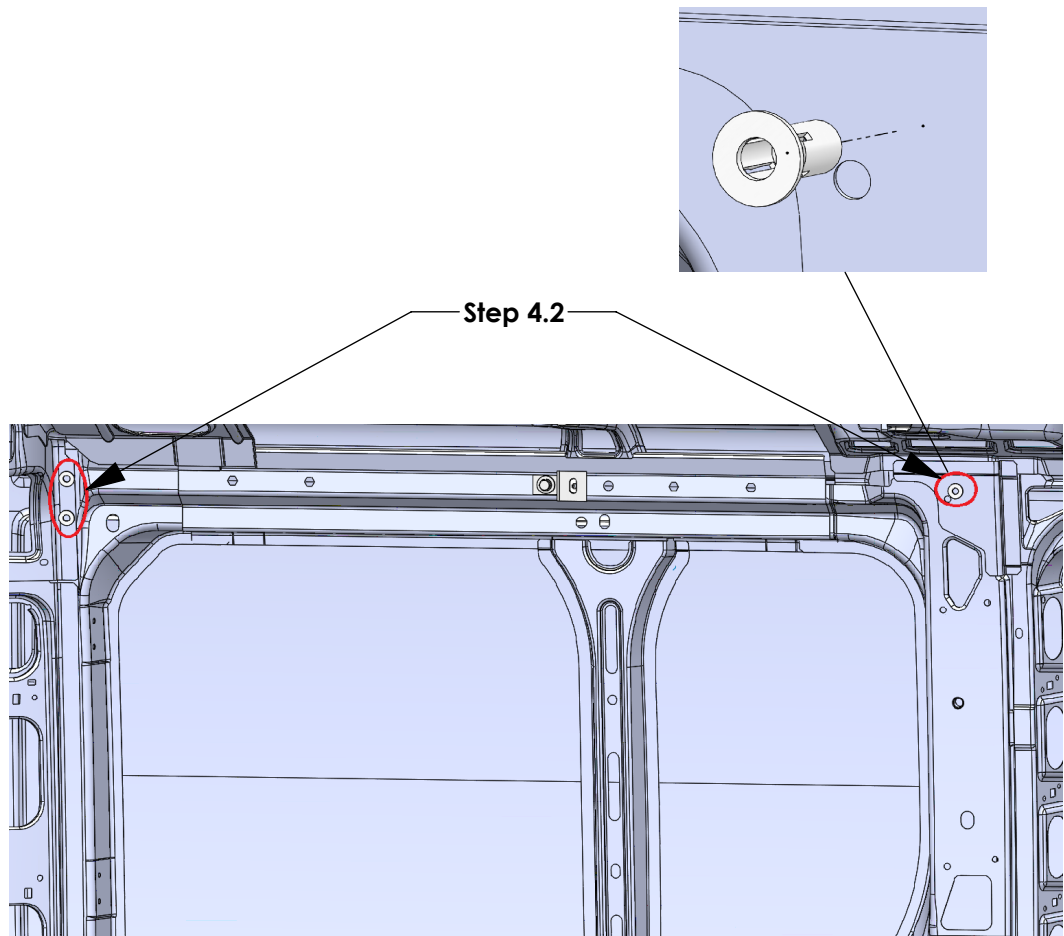
**ARKPML118DS TO BE USED WITH PROMASTER LOW ROOF
118WB**

Step 4.1
PLACE
ASSEMBLED RAIL
(Step 1.1) AND
ALIGN HOLES
WITH INSTALLED
BRACKET. MARK
HOLE SHOWN
TO DRILL 1/2 DIA
HOLES



Step 4.2
AFTER HOLES
HAVE BEEN
DRILLED PLACE
FAS0091 INTO
HOLES, USE
PLUSNUT TOOL
TO SECURE
THEM

PLUSNUT TOOL



**ARKPML118DS TO BE USED WITH PROMASTER LOW ROOF
118WB**

Step 5.1
PLACE
ASSEMBLED RAIL
BACK INTO
PLACE LINING UP
WITH BRACKETS.
FULLY TIGHTEN
FAS0062 &
FAS0055 TO
MOUNT TO
BRACKETS

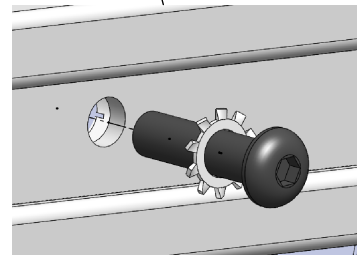
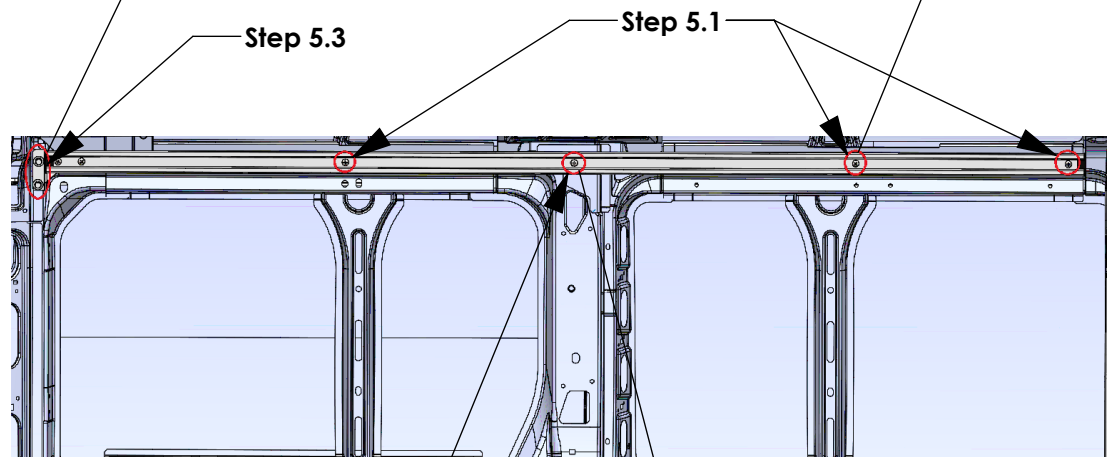
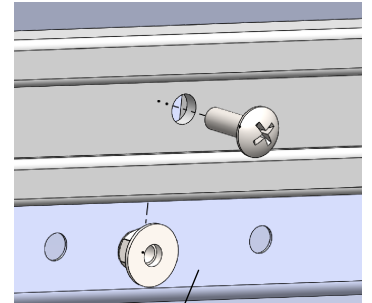
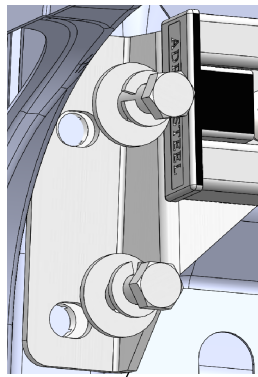
PHILIPS HEAD
SCREWDRIVER
7/16 WRENCH

Step 5.2
FULLY TIGHTEN
FAS0708 &
FAS0085 INTO
C-PILLAR
MOUNTING
HOLE

5/16 ALLEN

Step 5.3
FULLY TIGHTEN
FAS0093,
FAS0098, &
FAS0086 INTO
BRACKET 45715-G

1/2 SOCKET
DRILL

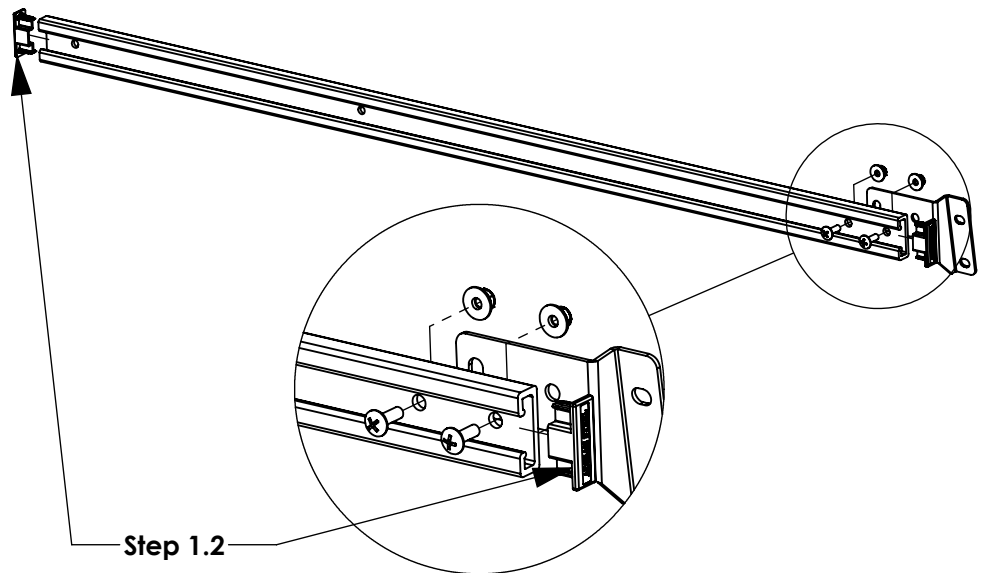


**ARKPML118PS TO BE USED WITH PROMASTER LOW ROOF
118WB**

Step 1.1
USE FAS0062 &
FAS0055 TO
MOUNT 45715
TO RAIL 47548

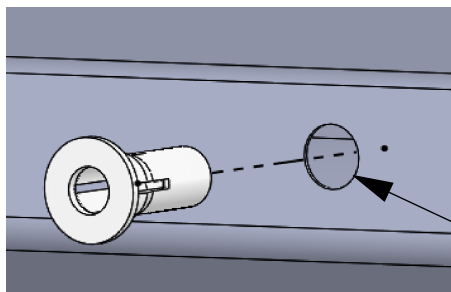
PHILP HEAD
SCREWDRIVER
7/16 OPEN
WRENCH

Step 1.2
PLACE (2)
36496-0 AT
ENDS OF RAILS



Step 2.1
DRILL THE OEM
HOLE SHOWN TO
1/2 DIA HOLES

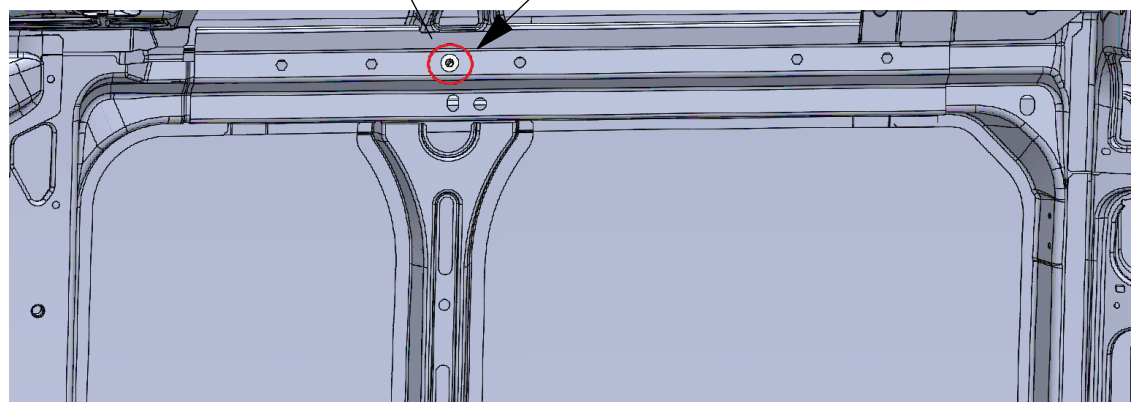
1/2 DRILL STEP BIT
1/2 DRILL STOP
DRILL



Step 2.2

Step 2.2
AFTER HOLES
HAVE BEEN
DRILLED PLACE
FAS0091 INTO
HOLES, USE
PLUSNUT TOOL
TO SECURE
THEM

PLUSNUT TOOL

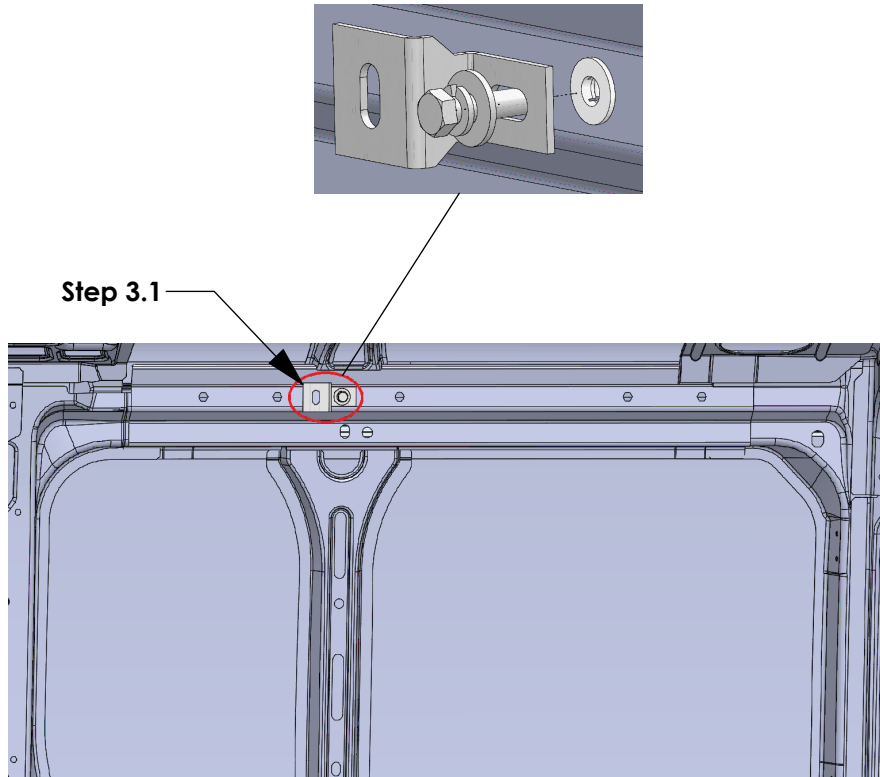


Step 2.1

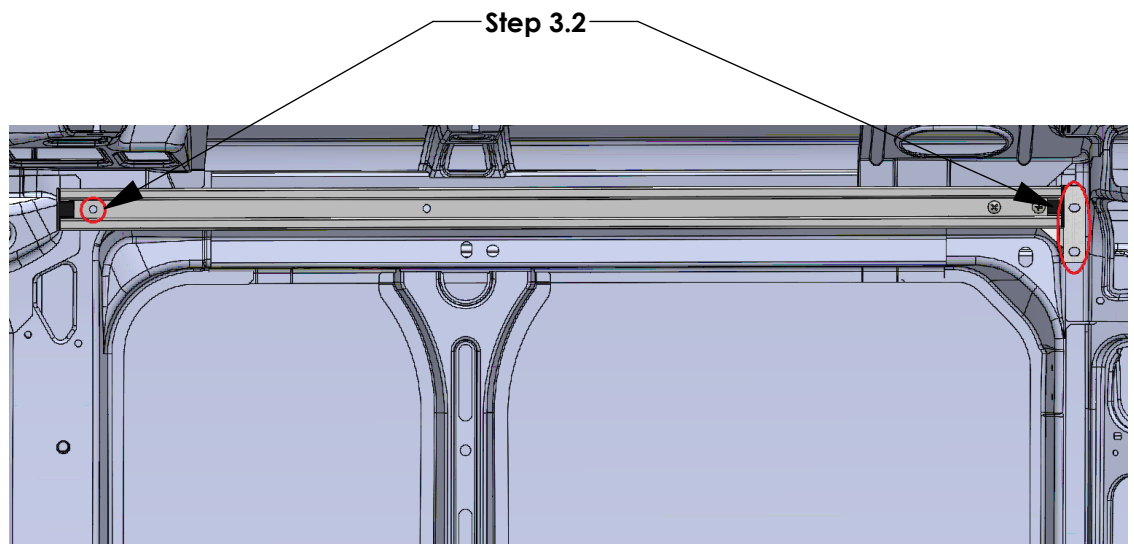
**ARKPML118PS TO BE USED WITH PROMASTER LOW ROOF
118WB**

Step 3.2
ALIGN BRACKET
45718 TO
PLUSNUT, KEEP
BRACKETS
PARALLEL WITH
FLOOR. FULLY
TIGHTEN FAS0093,
FAS0098, &
FAS0086 TO
SECURE TO WALL.
LOOSELY TIGHTEN
BRACKET UNTIL
STEP 5.1

1/2 SOCKET
DRILL



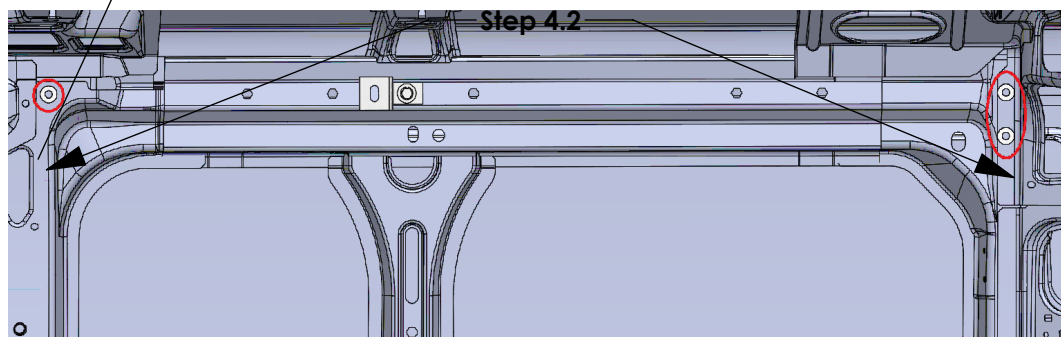
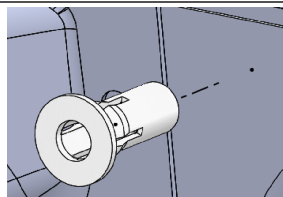
Step 4.1
PLACE
ASSEMBLED RAIL
(Step 1.1) AND
ALIGN HOLES
WITH INSTALLED
BRACKET. KEEP
RAIL PARALLEL
WITH FLOOR
MARK HOLE
SHOWN TO
DRILL 1/2 DIA
HOLES



ARKPML118PS TO BE USED WITH PROMASTER LOW ROOF 118WB

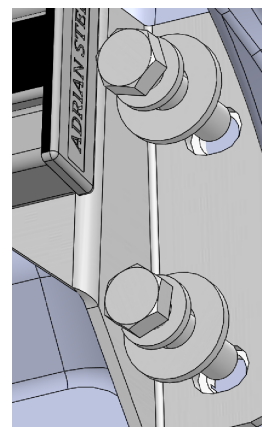
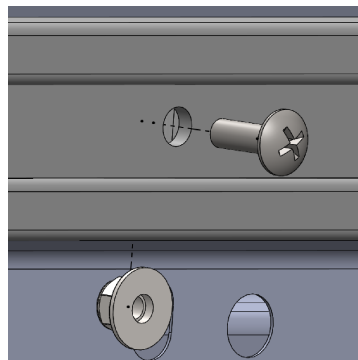
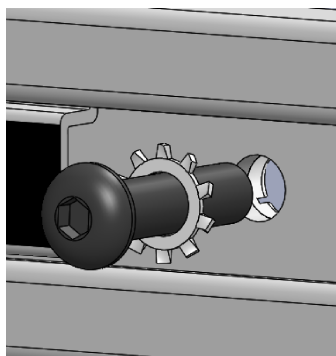
Step 4.2
AFTER HOLES
HAVE BEEN
DRILLED PLACE
FAS0091 INTO
HOLES, USE
PLUSNUT TOOL
TO SECURE
THEM

PLUSNUT TOOL



Step 5.1
PLACE
ASSEMBLED RAIL
BACK INTO
PLACE LINING UP
WITH BRACKETS.
FULLY TIGHTEN
FAS0062 &
FAS0055 TO
MOUNT TO
BRACKETS

PHILPS HEAD
SCREWDRIVER
7/16 WRENCH

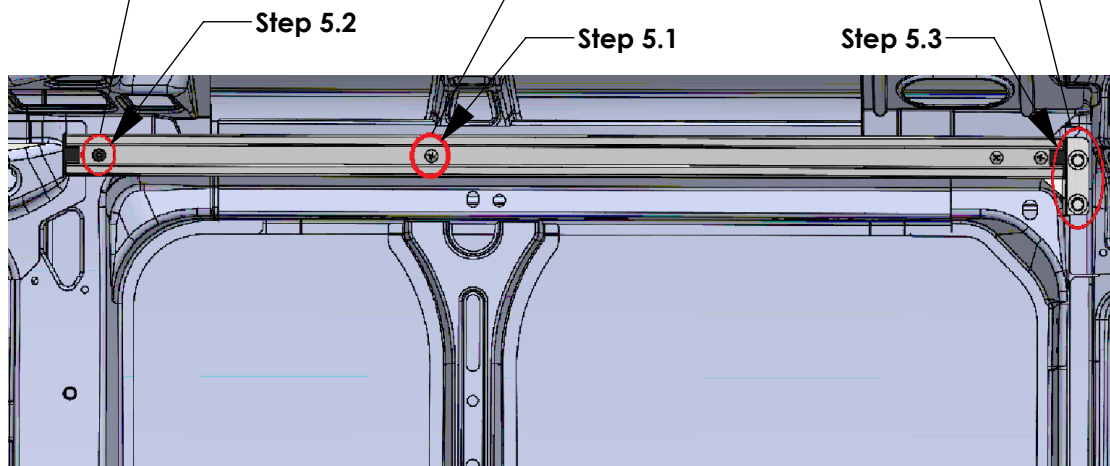


Step 5.1
FULLY TIGHTEN
FAS0708 &
FAS0085 INTO
C-PILLAR
MOUNTING
HOLE

5/16 ALLEN

Step 5.3
FULLY TIGHTEN
FAS0093,
FAS0098, &
FAS0086 INTO
BRACKET 45715-G

1/2 SOCKET
DRILL





ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

RAIL KIT, PM LR 118, PS

PRODUCT WEIGHT

3.64 LBS

VEHICLE

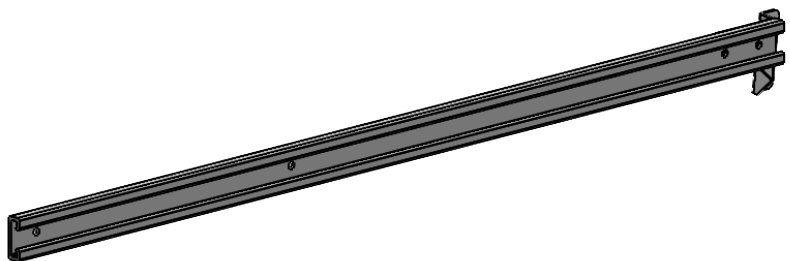
**RAM Promaster low roof
118" wheel base**

CAPACITY

N/A

COLOR

GRAY



CATALOG NUMBER

ARKPML118PS

PRODUCT FEATURES

This product is design for installation in the RAM Promaster Low Roof 118" wheel base. It is optimized for use with the next generation shelving. The rail kit includes brackets that span the window cavities to support AD mounting rail.

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



RAIL KIT, PM LR 118, PS

CATALOG NUMBER **ARKPML118PS**

PRODUCT APPLICATION

This product is design for installation in the RAM Promaster Low Roof 118" wheel base. Optimized for use with the next generation shelving.

All next generation shelving kits for promaster low 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)