

PRIME DESIGN™

A Safe Fleet Brand



2007+ Freightliner Sprinter w/o Factory Channel Base Mounting Kit

Page 2	Packaging Contents
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Pages 8-11	AluRack L2H1 (144.00") & L3H2/L4H2 (170.00+")

PRIME DESIGN, A SAFE FLEET BRAND

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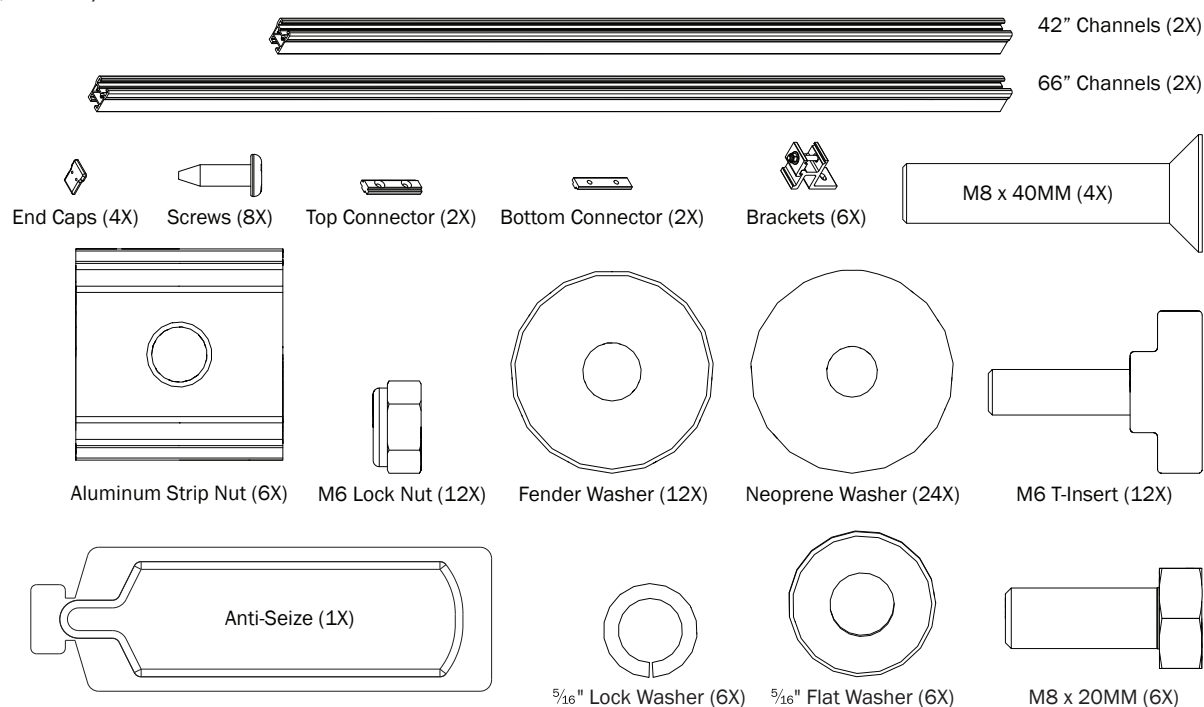
FBM-1008

CONTENTS OVERVIEW**TWO & THREE CROSSBAR CONFIGURATIONS**

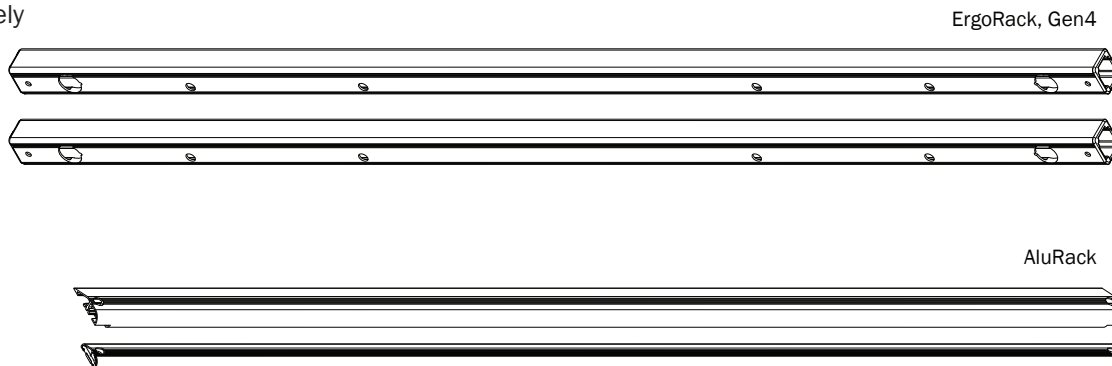
NOTE: This Manual contains information covering two and three Crossbar configurations. If your model is a two Crossbar configuration, disregard all Center Crossbar installation information.

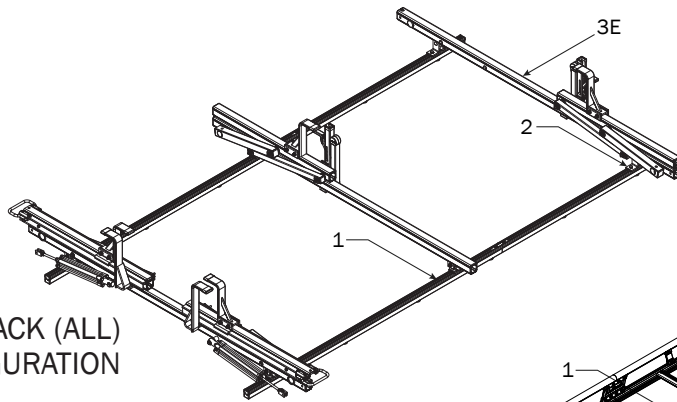
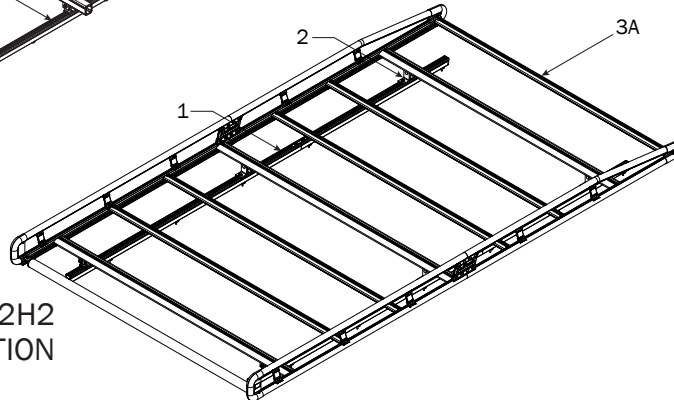


1—FBM-1008-BLK-BLK..... (Qty 1)
Channels, 108" w/Hardware Kit



2—Crossbars (shown for illustrative purposes only)
Ordered separately

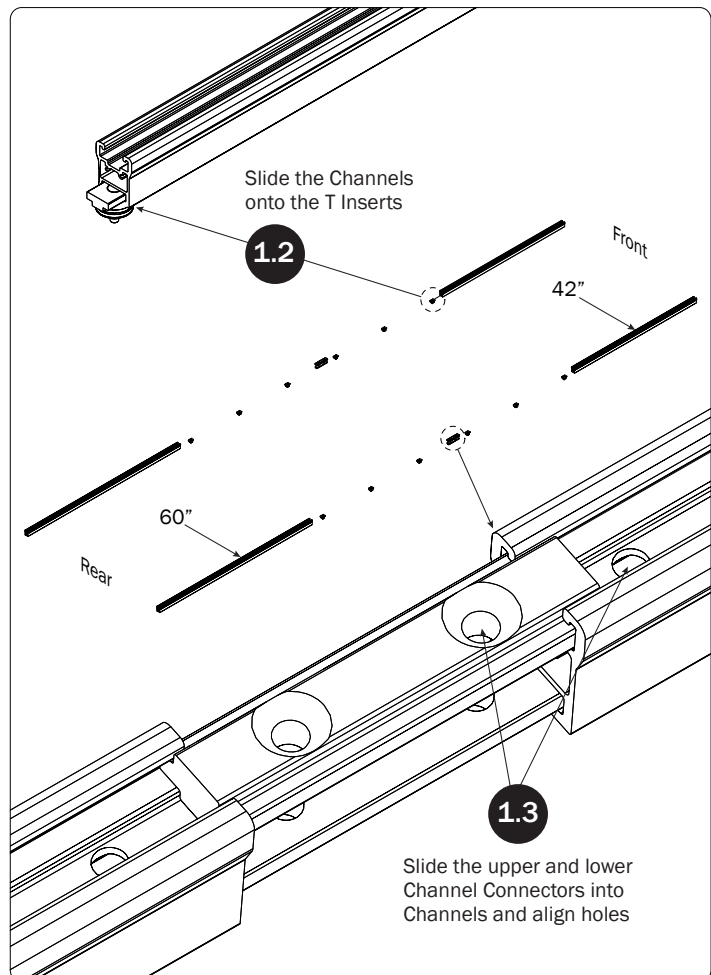
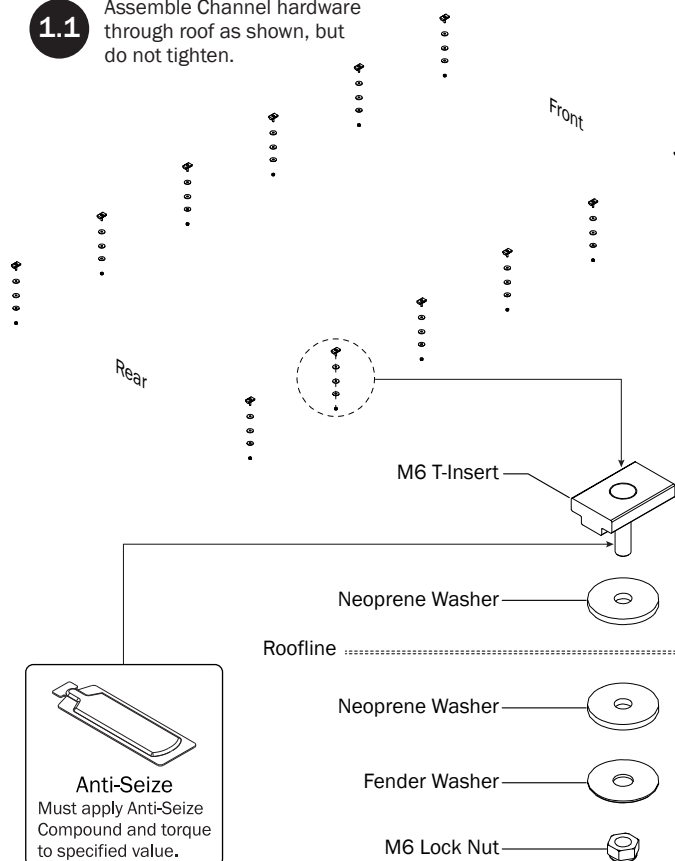


ASSEMBLY SEQUENCES:**L2H2 ALURACK (144.00")****ALL ERGORACK WHEELBASES (144.00"–170.00")****ERGORACK (ALL)
CONFIGURATION****ALURACK L2H2
CONFIGURATION**

NOTE: Base, Rotation, Crossbar, and Side Rail features are shown for illustrative purposes only. These features are not included with this Base Mounting Kit, and must be purchased separately.

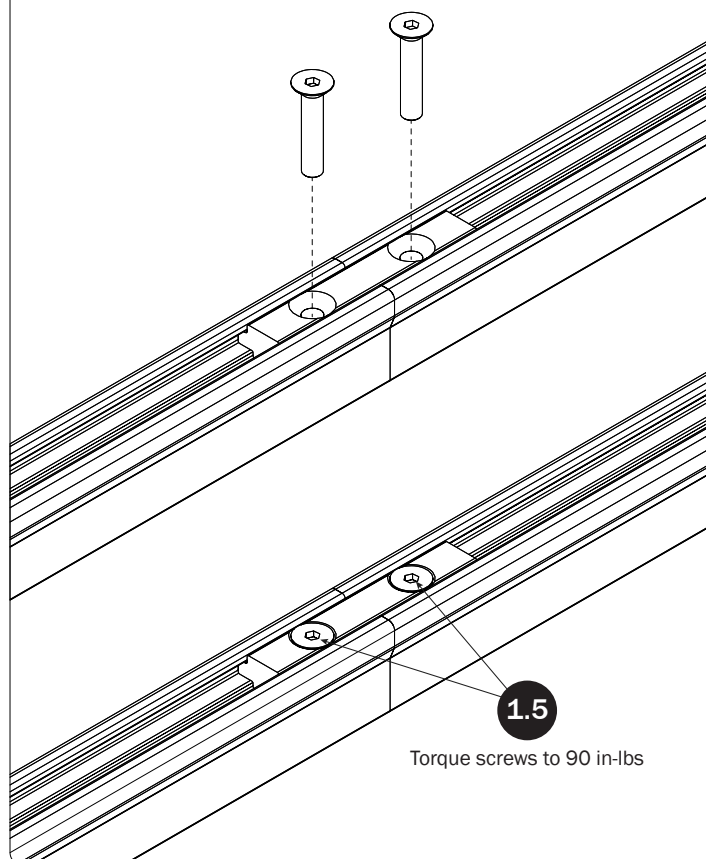
STIFF CHANNELS

- 1.1** Assemble Channel hardware through roof as shown, but do not tighten.



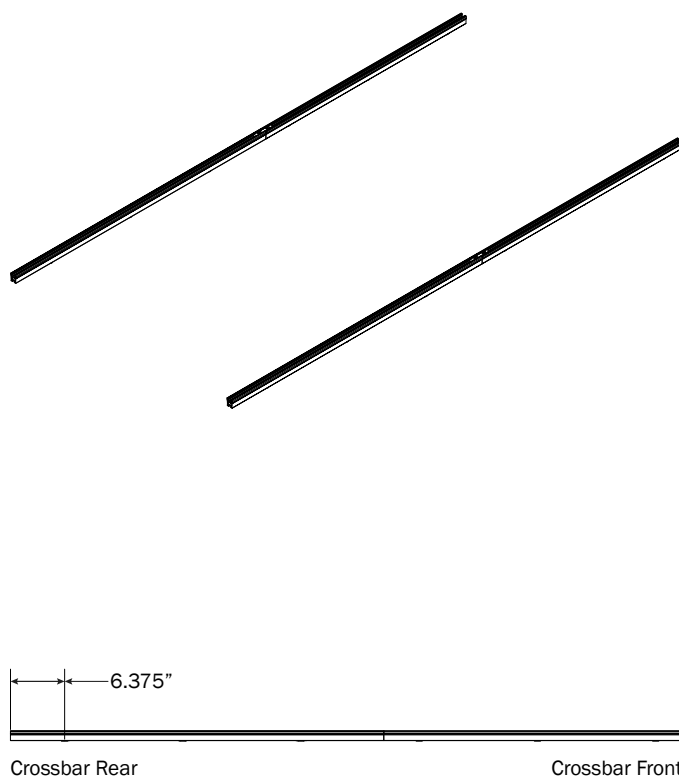
1.4

Screw the M8 x 40MM Allen Head bolts into the Upper and Lower Channel Splices. Due to tight manufacturing tolerances, both bolts must remain loose until Step 1.5



1.6

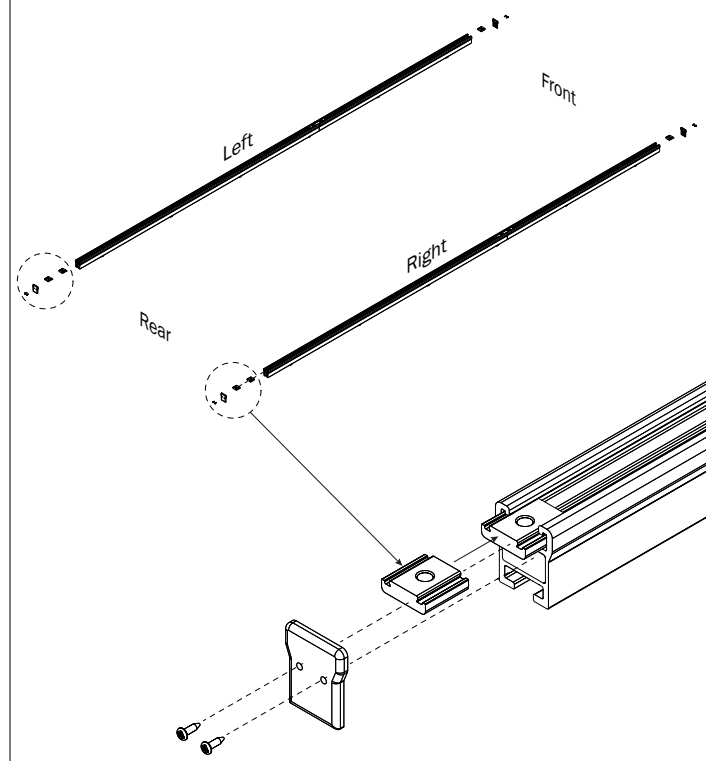
Set to specified distances shown below, then torque Mounting hardware nuts to 80 in-lbs.



MOUNTING BRACKETS

2.1

Slide the Aluminum Strip Nuts into each end of the Channels, and attach the Channel Caps

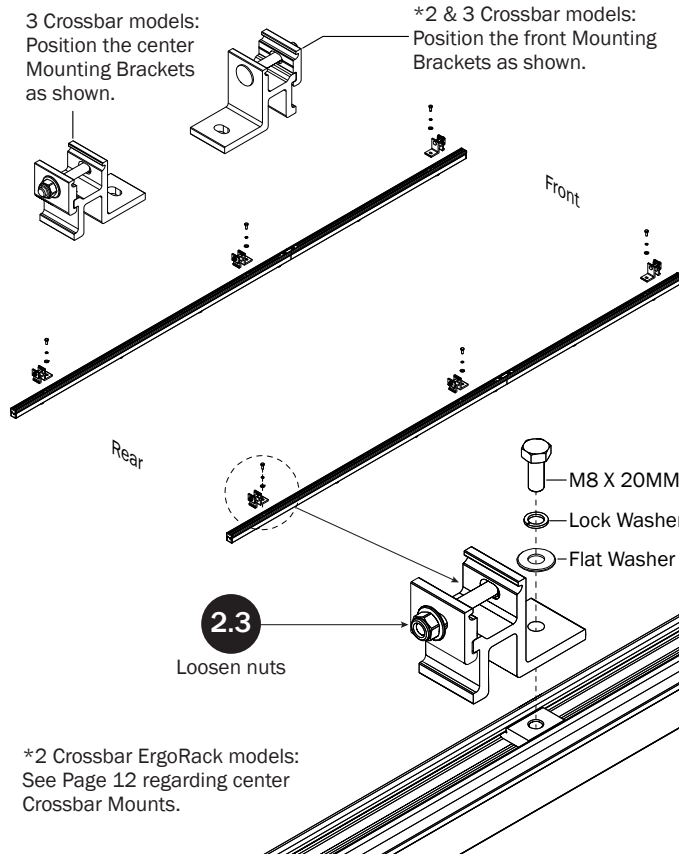


2.2

Using the supplied fastening hardware, attach the Crossbar Mounting Brackets into the Aluminum Strip Nuts placed into the Channels at Step 2.1

3 Crossbar models:
Position the center
Mounting Brackets
as shown.

*2 & 3 Crossbar models:
Position the front Mounting
Brackets as shown.

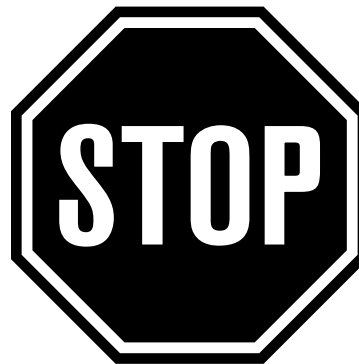
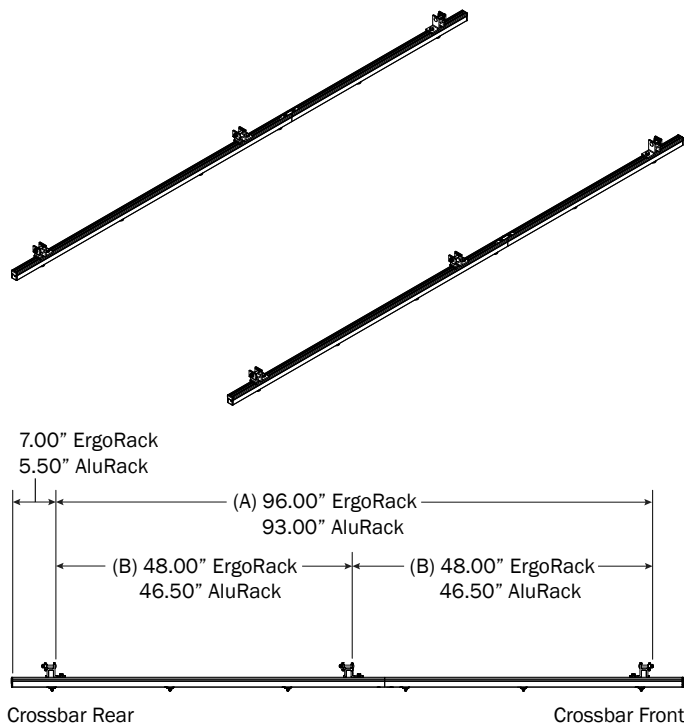


*2 Crossbar ErgoRack models:
See Page 12 regarding center
Crossbar Mounts.

2.4

Set to distances shown below:
 Use Dimensions A for 2 Crossbar models.
 Use Dimensions B for 3 Crossbar models.

Do not torque the Crossbar Mounting Brackets until Step 3.4. Finger-tighten them into designated dimension to hold them in place, then proceed to your Feature (FEA/AR) Assembly Manual.



Do not mount the Crossbars to this FBM system at this time.

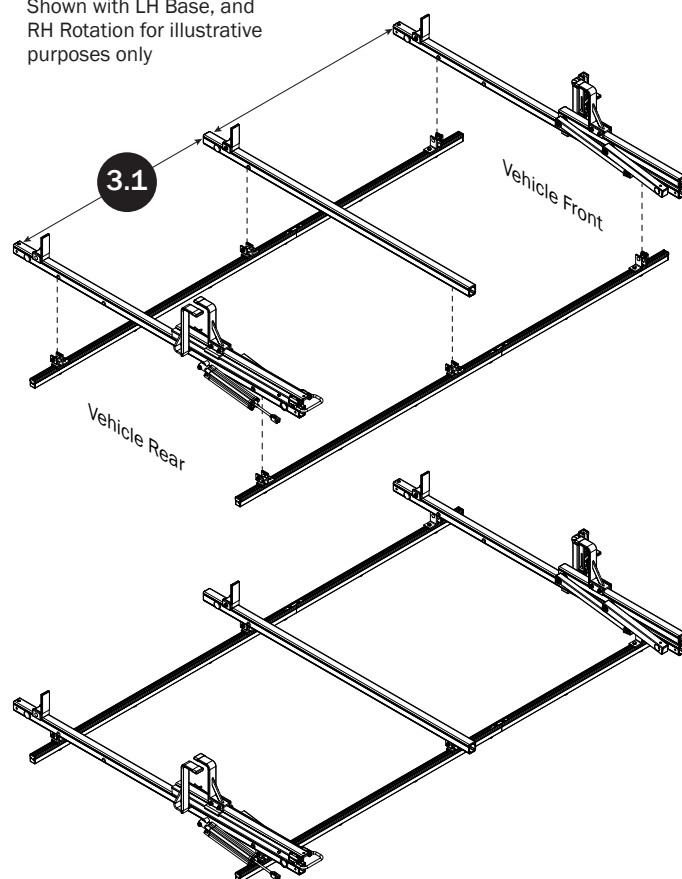
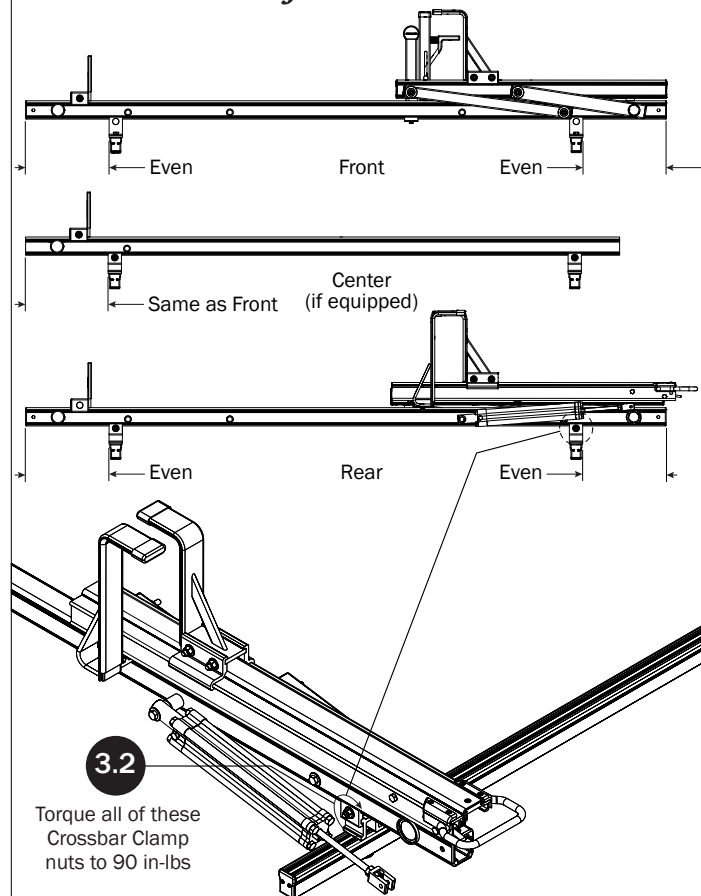
Refer to the respective FEA or AR Assembly Manual(s) included with your chosen rack configuration features. Depending upon the features chosen, you may need to perform a complete feature assembly onto the Crossbars or Side Rails as noted in that feature's Assembly Manual.

WARNING: Failure to position the Crossbars as shown in this FBM Assembly Manual may result in damage to the sliding door and/or ladder rack.

NOTE: Crossbars, Side Rails, Base, Clamp Down, or Rotation features are not included in this FBM kit, and must be purchased separately. To purchase applicable features and accessories, please contact your authorized distributor, or a Prime Design Sales & Service Representative.

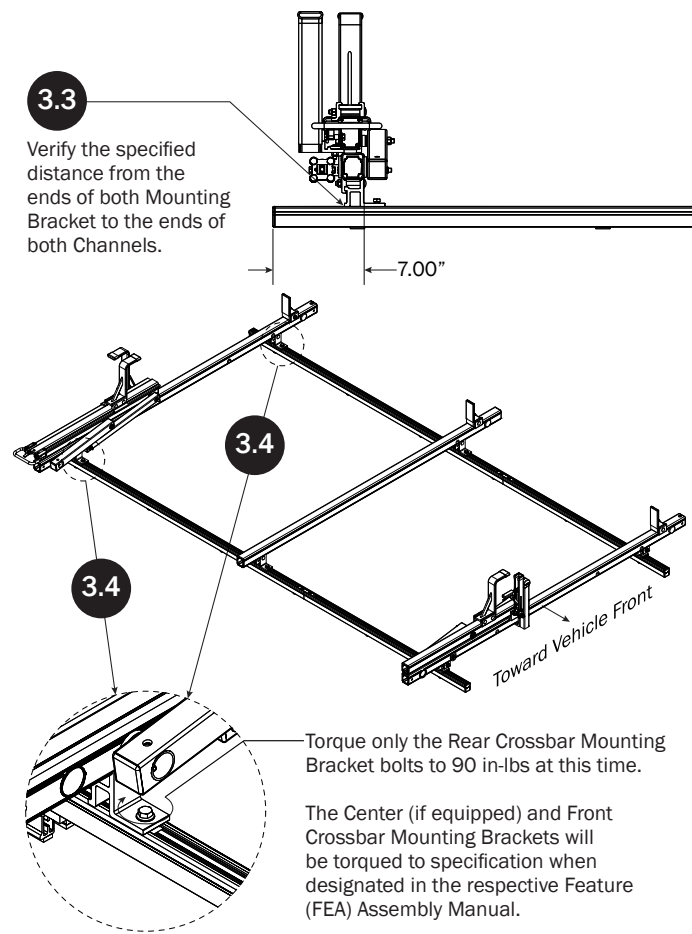
CROSSBARS (ALL ERGORACK)

Shown with LH Base, and
RH Rotation for illustrative
purposes only

**CROSSBAR ADJUSTMENT**

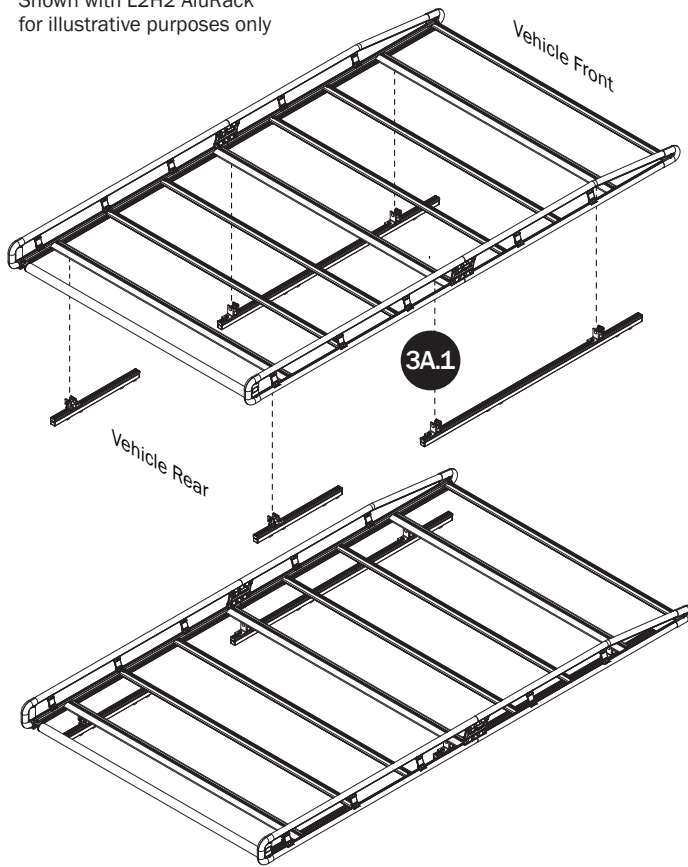
3.3

Verify the specified
distance from the
ends of both Mounting
Bracket to the ends of
both Channels.

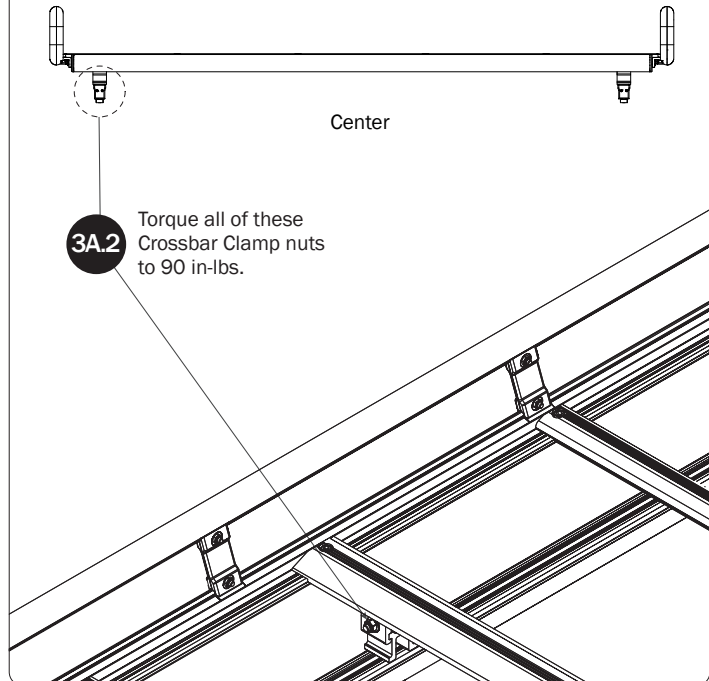


CROSSBARS (ALURACK)

Shown with L2H2 AluRack
for illustrative purposes only

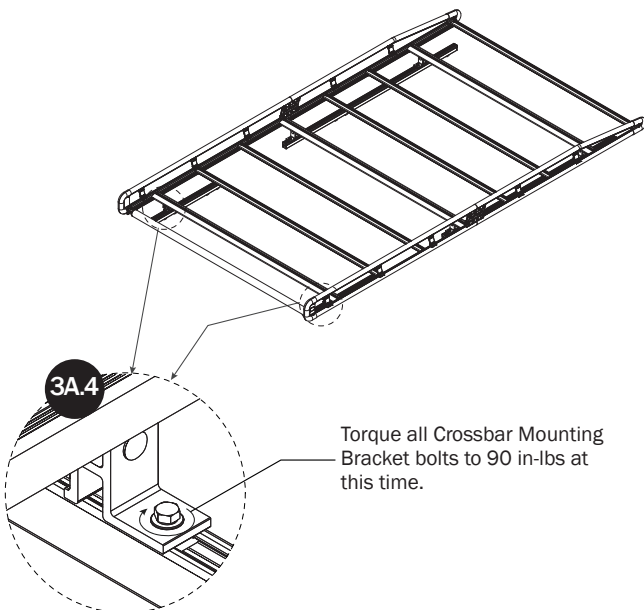
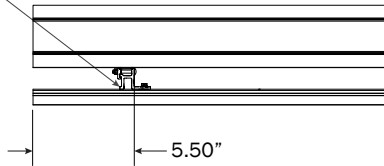


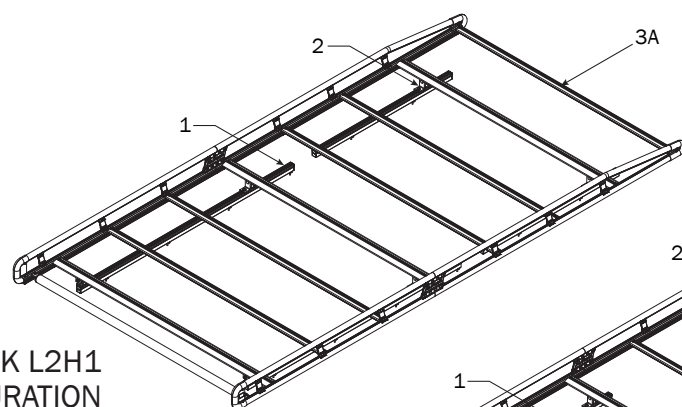
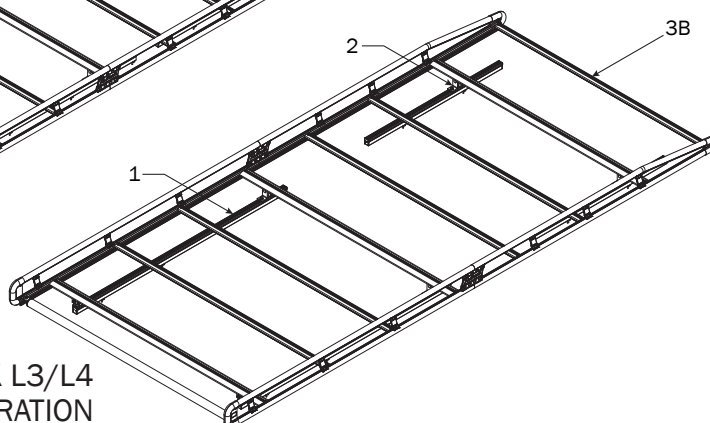
CROSSBAR ADJUSTMENT



3A.3

Verify the specified
distance from the
ends of both Mounting
Bracket to the ends of
both Channels.

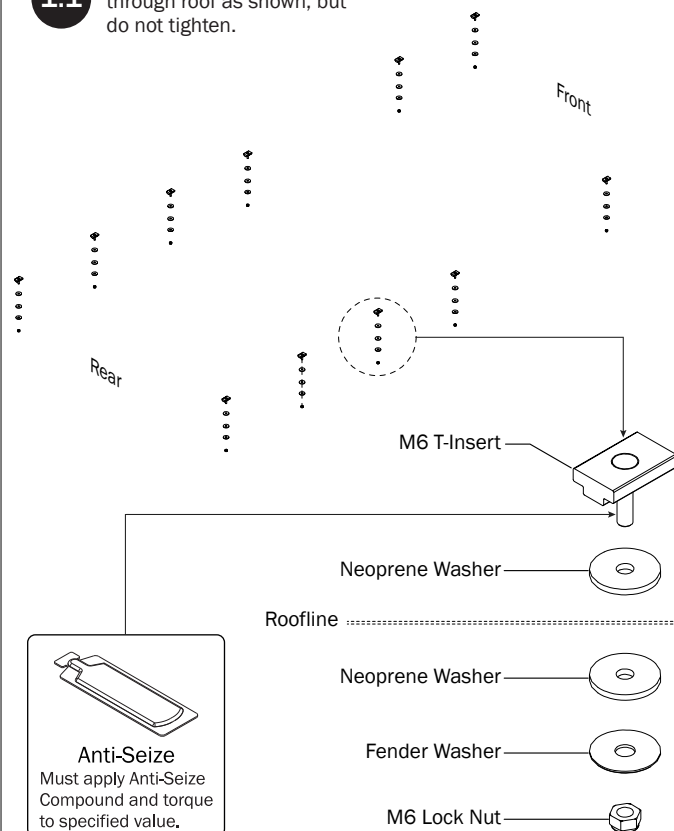


ASSEMBLY SEQUENCES**L2H1 ALURACK (144.00")****L3H2–L4H2 ALURACK (170.00+ ")**ALURACK L2H1
CONFIGURATIONALURACK L3/L4
CONFIGURATION

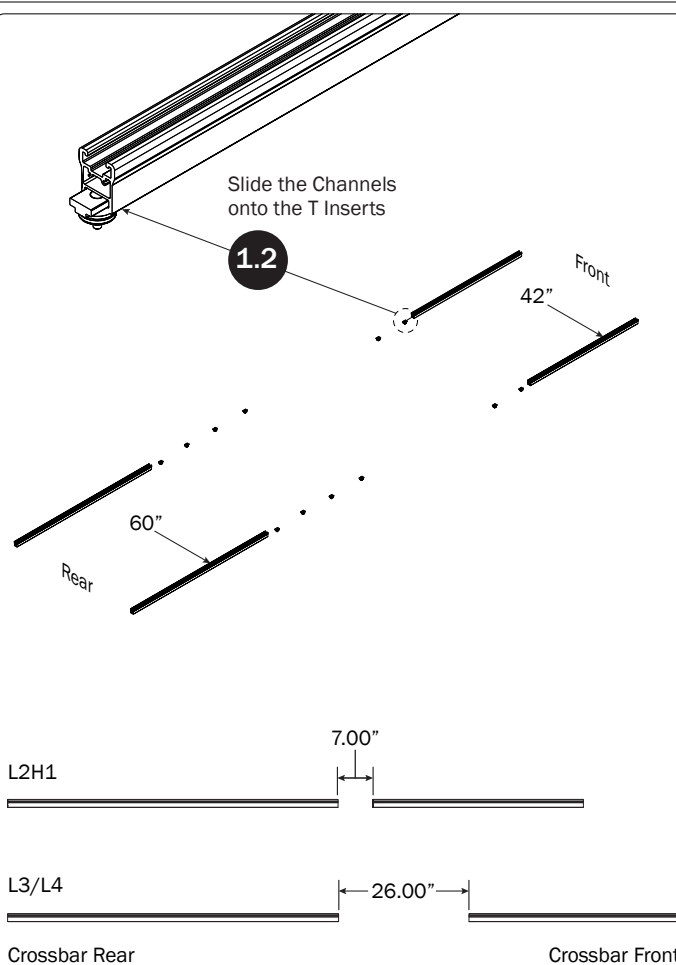
NOTE: Base, Rotation, Crossbar, and Side Rail features are shown for illustrative purposes only. These features are not included with this Base Mounting Kit, and must be purchased separately.

STIFF CHANNELS**1.1**

Assemble Channel hardware through roof as shown, but do not tighten.

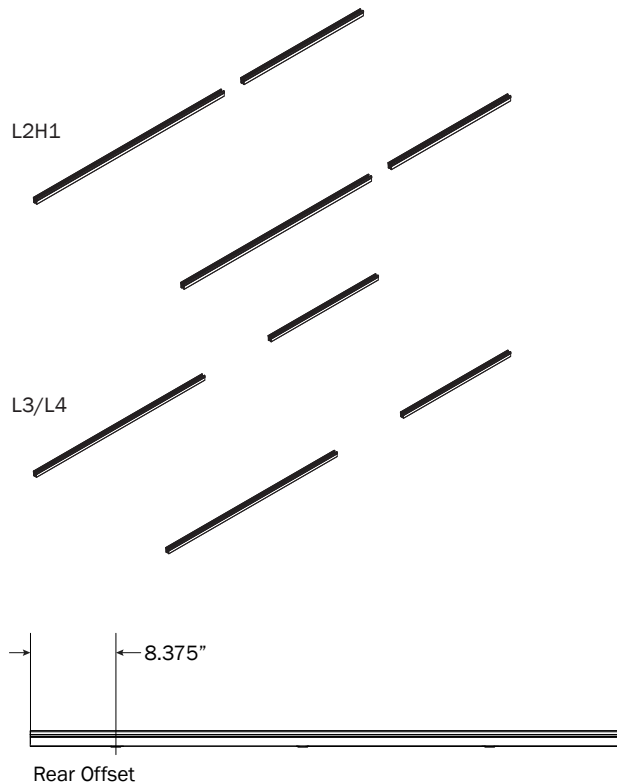


Slide the Channels onto the T Inserts

1.2

1.3

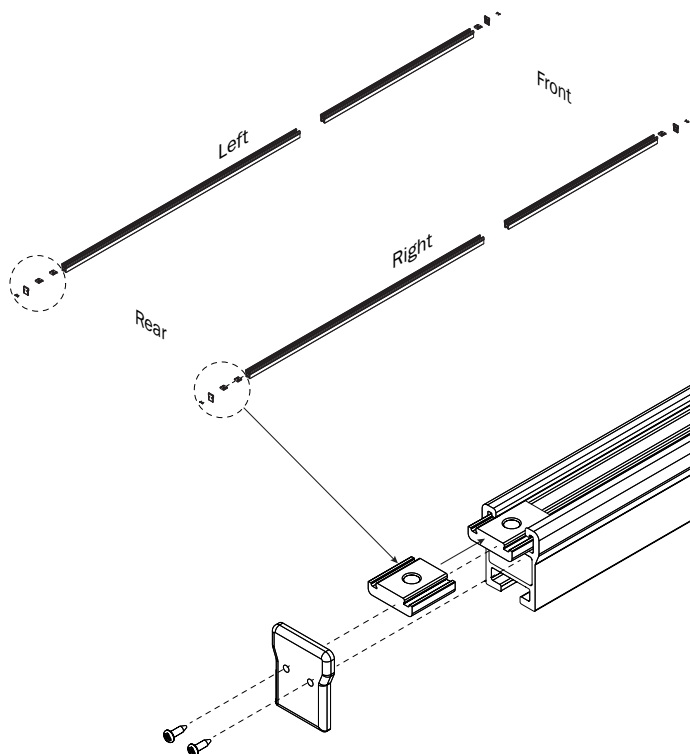
Set to specified distances shown below, then torque Mounting hardware nuts to 80 in-lbs.



MOUNTING BRACKETS

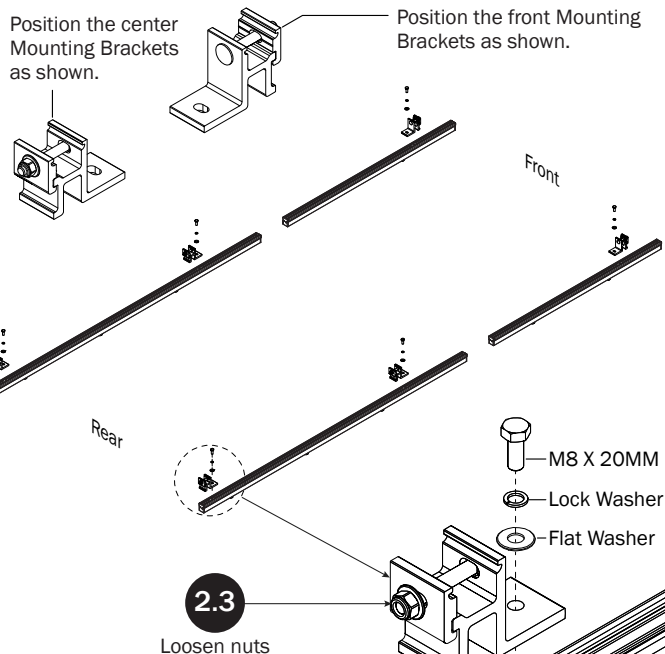
2.1

Slide the Aluminum Strip Nuts into each end of the Channels, and attach the Channel Caps



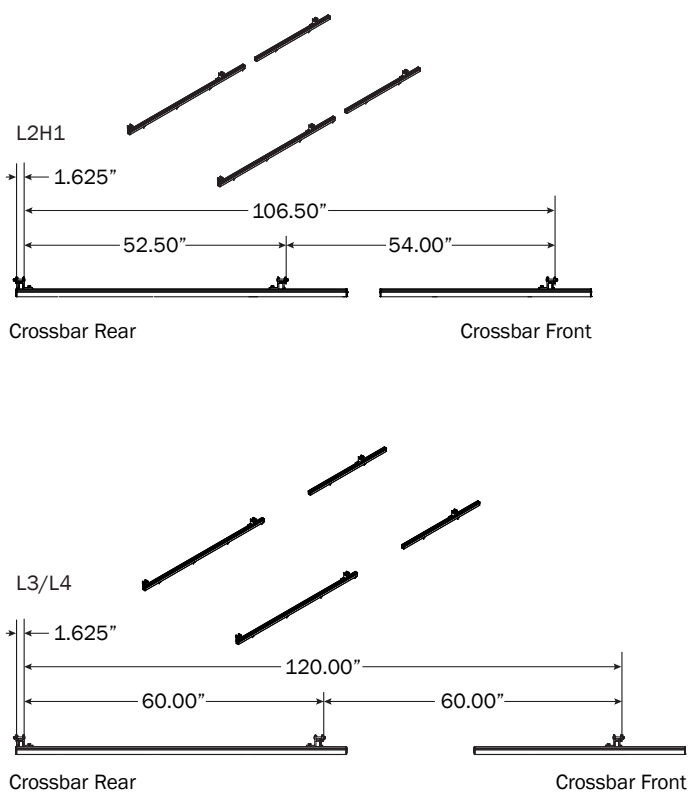
2.2

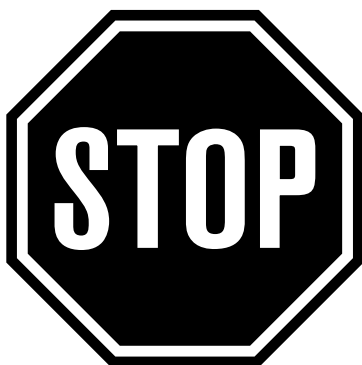
Using the supplied fastening hardware, attach the Crossbar Mounting Brackets into the Aluminum Strip Nuts placed into the Channels at Step 2.1 (L2H1 shown as an example).



2.4

Set to distances shown below. Do not torque the Crossbar Mounting Brackets until Step 3.4. Finger-tighten them into designated dimension to hold them in place, then proceed to your Feature (FEA/AR) Assembly Manual.





Do not mount the Crossbars to this FBM system at this time.

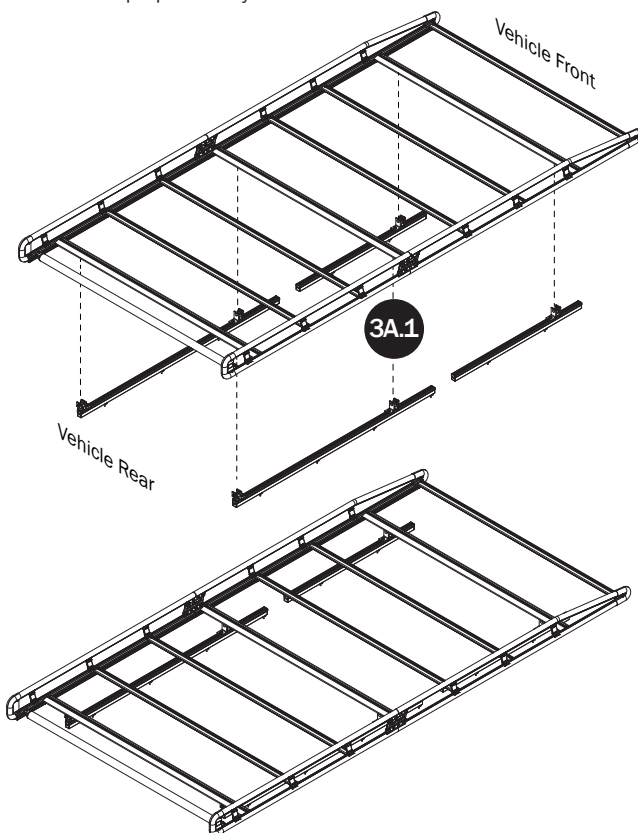
Refer to the respective FEA or AR Assembly Manual(s) included with your chosen rack configuration features. Depending upon the features chosen, you may need to perform a complete feature assembly onto the Crossbars or Side Rails as noted in that feature's Assembly Manual.

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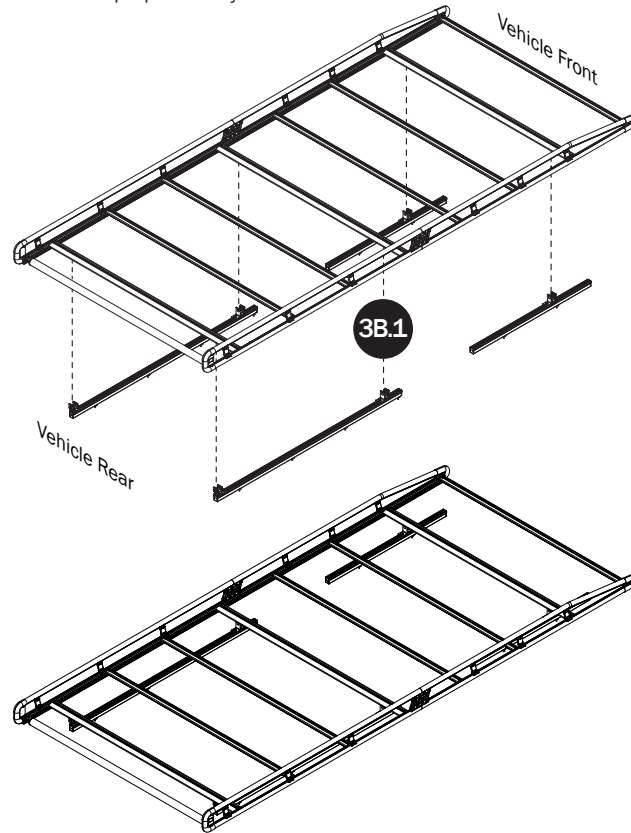
CROSSBARS (L2H1)

Shown with L3 AluRack
for illustrative purposes only

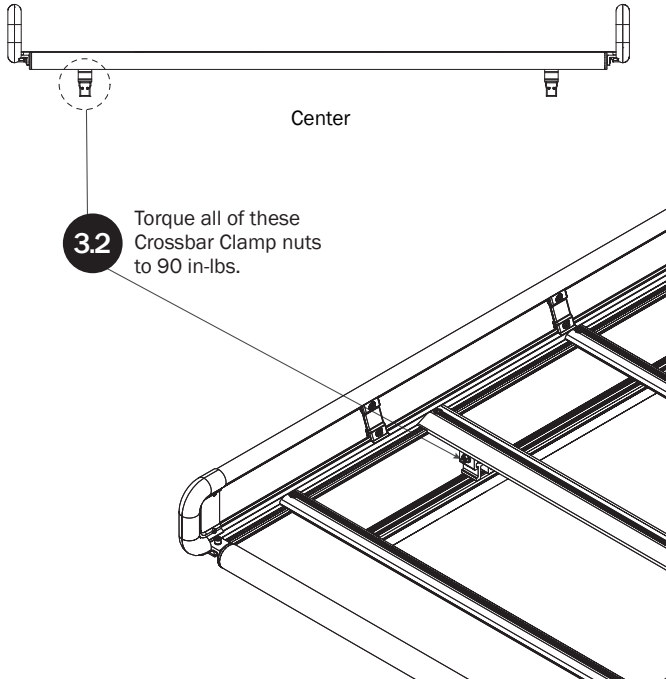


CROSSBARS (L3/L4)

Shown with L4 AluRack
for illustrative purposes only



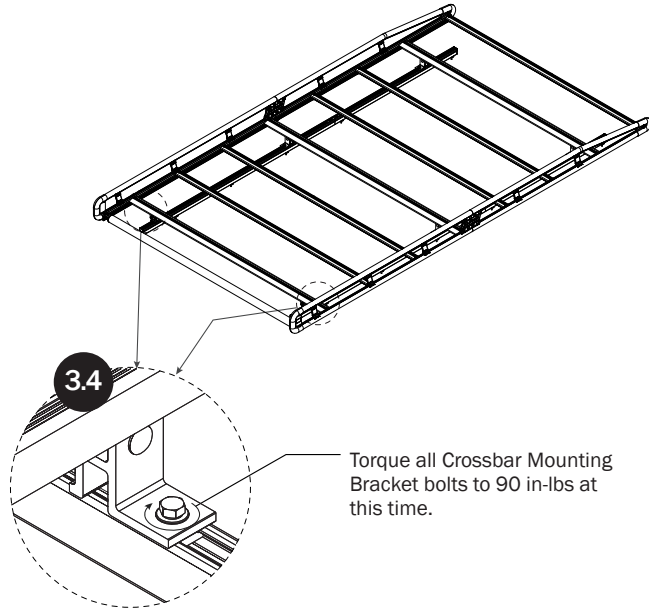
CROSSBAR ADJUSTMENT



3.3

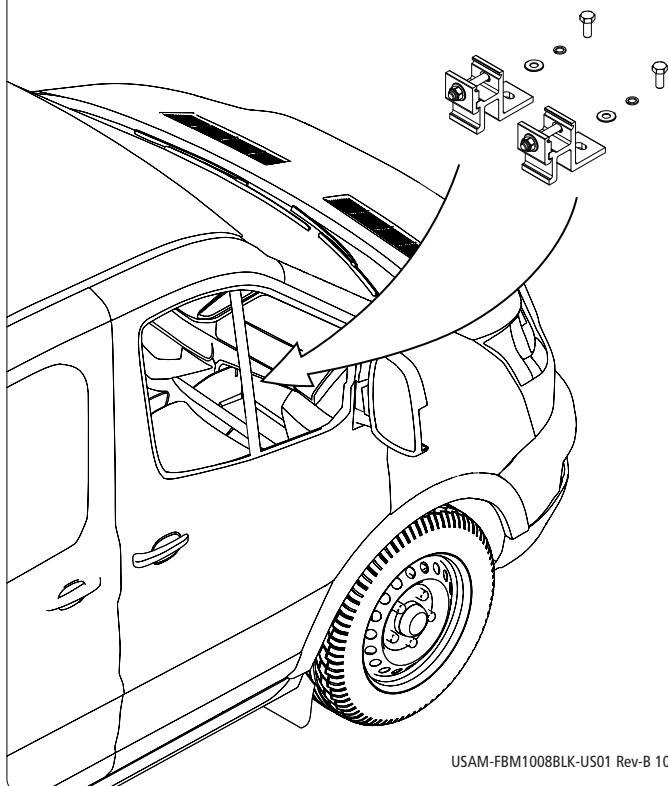
Verify the specified distance from the ends of both Mounting Bracket to the ends of both Channels.

1.625"



CENTER CROSSBAR MOUNTS **FOR 2 CROSSBAR ERGORACK MODELS ONLY**

Place the center Crossbar Mounts into the vehicle's glove box for future use.



USAM-FBM1008BLK-US01 Rev-B 1019