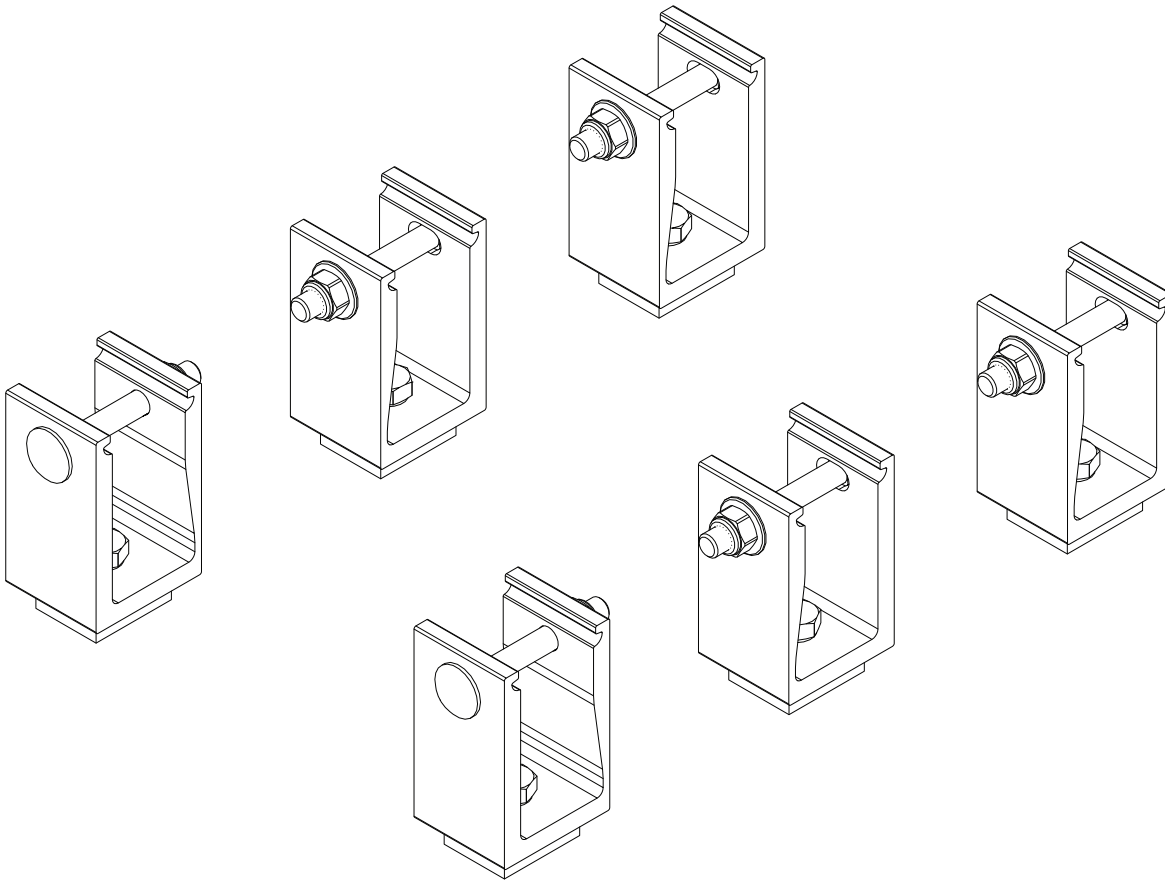


# PRIME DESIGN™

A Safe Fleet Brand



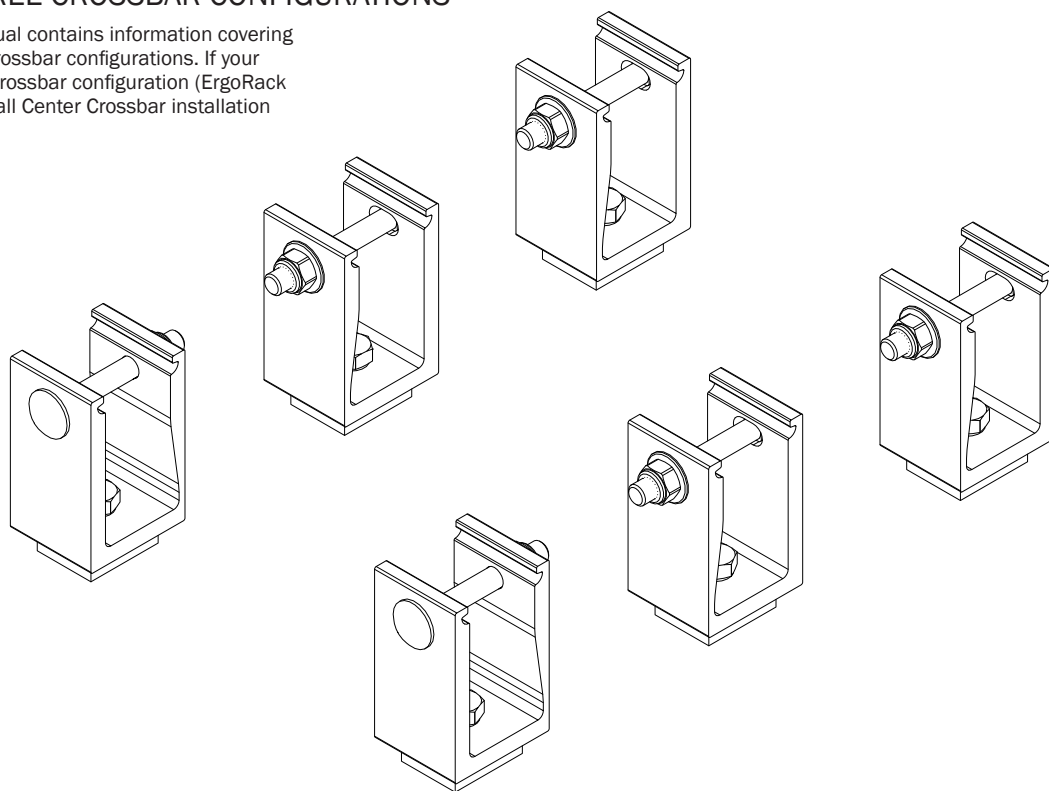
## 2007+ Freightliner Sprinter w/Factory Channel Base Mounting Kit

Page 2	Packaging Contents
Page 3	Universal FBM Assembly
Page 4	ErgoRack Mounting (all wheelbases)
Page 5	AluRack L2H1
Page 6	AluRack L2H2
Page 7	AluRack L3H2/L4H2

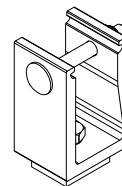
# FBM-1009

**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 (ErgoRack only), disregard all Center Crossbar installation information.



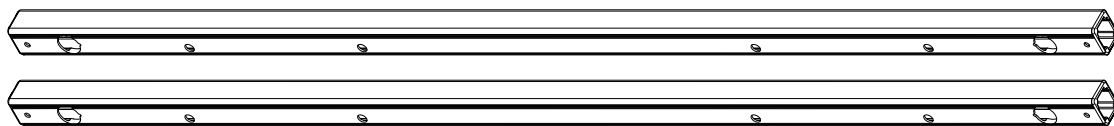
- 1—FBM-1009..... (Qty 1)  
Channel Mounting Brackets



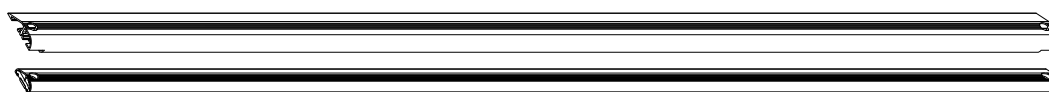
Mounting Brackets (6X)

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

ErgoRack, Gen4



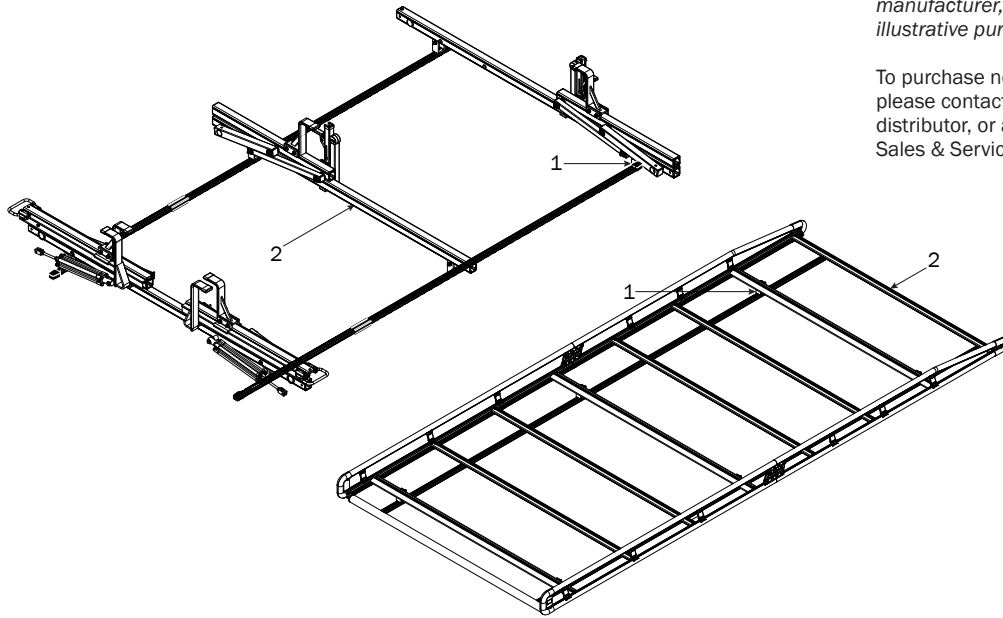
AluRack



## FBM ASSEMBLY SEQUENCE

NOTE: Base Mounting Channels are not included with this FBM Kit. Channels shown are OEM, and supplied by vehicle manufacturer, and are for illustrative purposes only.

To purchase non-OEM Channels, please contact your authorized distributor, or a Prime Design Sales & Service Representative.

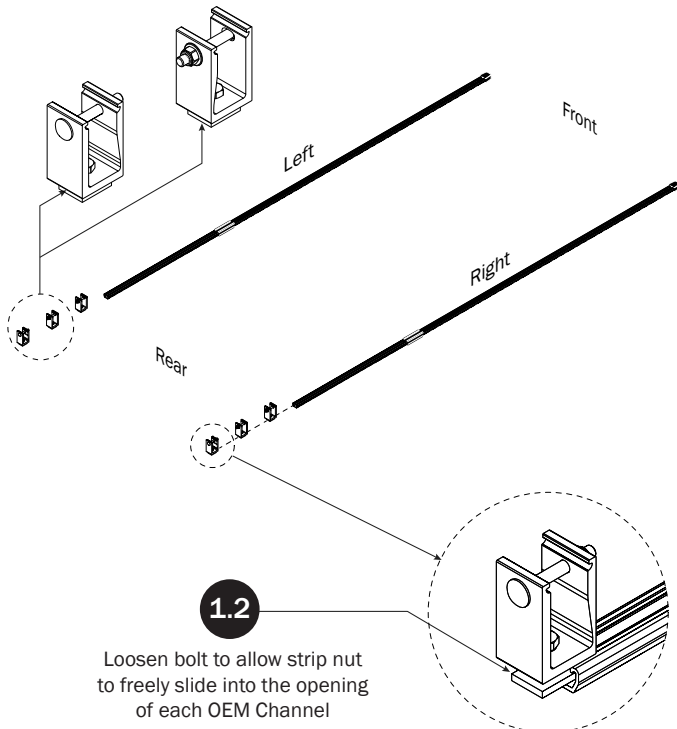


NOTE: Base, Rotation, Crossbar, and Side Rail features are shown for illustrative purposes only. These features are not included with this Base Mounting Kit, and must be purchased separately.

### MOUNTING BRACKETS

- 1.1** Remove OEM Rear Channel End Caps, and slide three Mounting Brackets into each end of the OEM Channels.

NOTE: If installing the ErgoRack 2 Crossbar model, see Page 8 AFTER installing all Mounting Brackets.

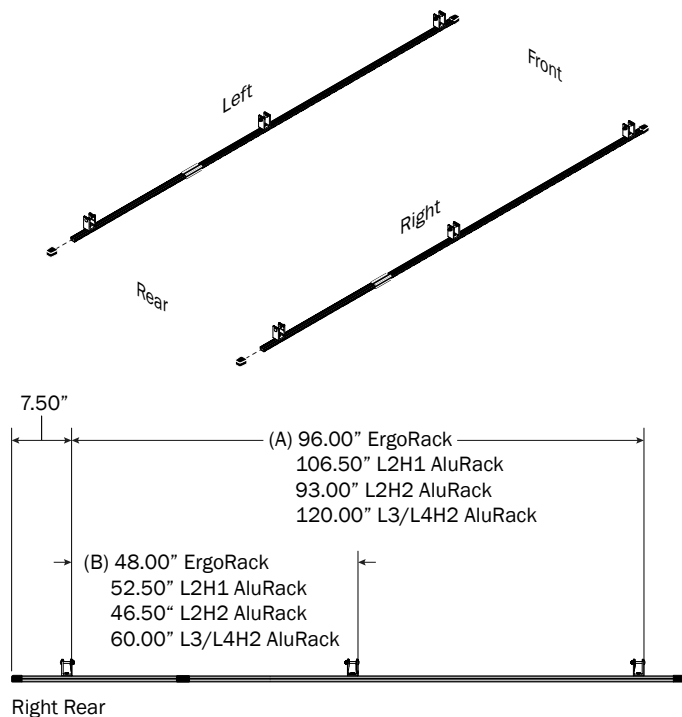


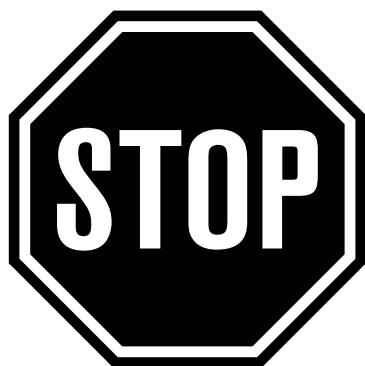
**1.3**

Replace the End Caps, then set to distances shown below:

Use Dimensions A for 2 Crossbar models (ErgoRack only).  
Use Dimensions B for 3 Crossbar models. (ErgoRack & AluRack)

Do not torque the Crossbar Mounting Brackets until Step 2.4. Finger-tighten them into designated dimension to hold them in place, then proceed to your Feature (FEA) Assembly Manual.





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

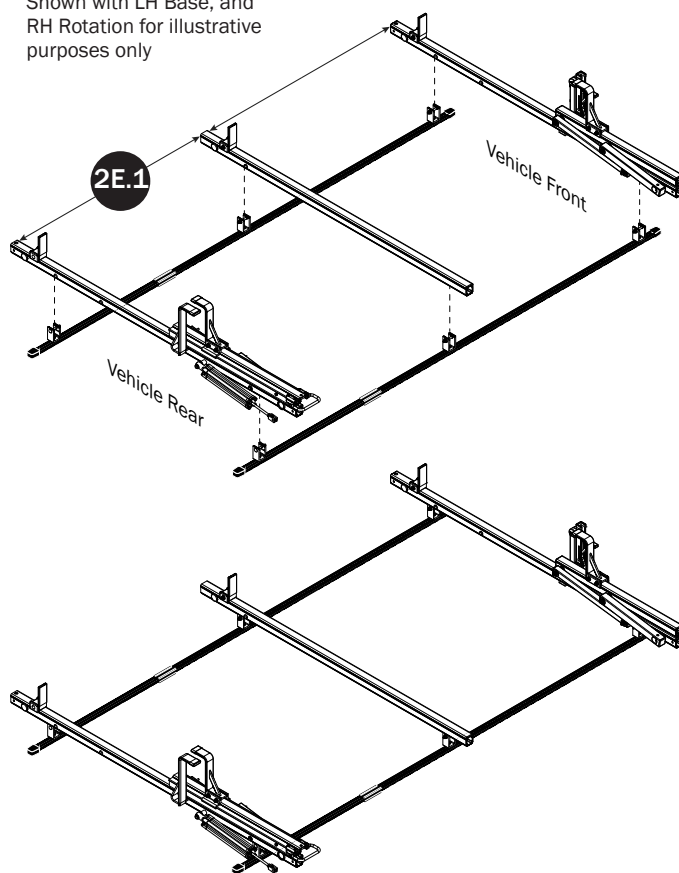
Refer to the respective FEA or AR Assembly Manual(s) included with your chosen rack configuration features. Depending upon the features chosen, you may need to perform a complete feature assembly onto the Crossbars or Side Rails as noted in that feature's Assembly Manual.

**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.

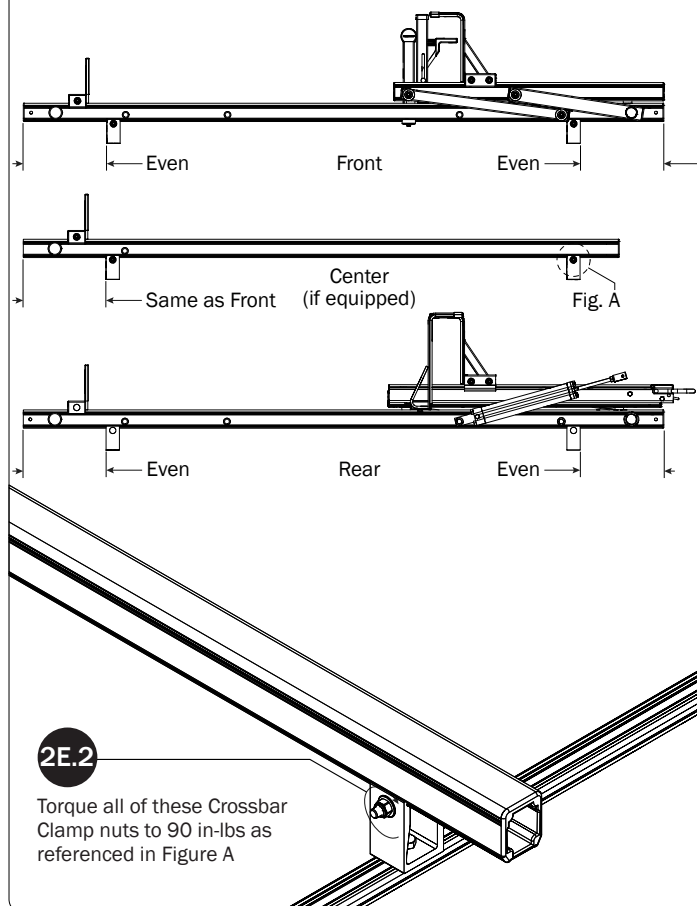
**NOTE:** Crossbars, Side Rails, Base, Clamp Down, or Rotation features are not included in this FBM kit, and must be purchased separately. To purchase applicable features and accessories, please contact your authorized distributor, or a Prime Design Sales & Service Representative.

## CROSSBARS (ERGORACK)

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

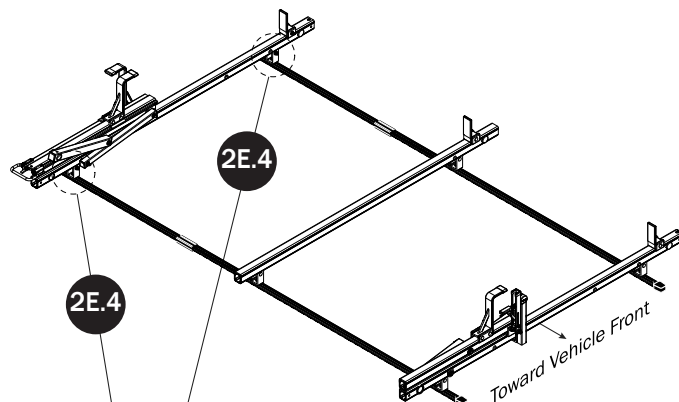
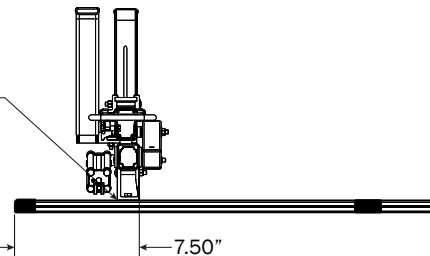


## CROSSBAR ADJUSTMENT



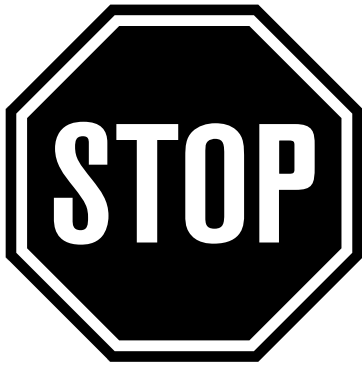
2E.3

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



Torque only the Rear Crossbar Mounting Bracket bolts to 90 in-lbs at this time.

The Center (if equipped) and Front Crossbar Mounting Brackets will be torqued to specification when designated in the respective Feature (FEA) Assembly Manual.



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

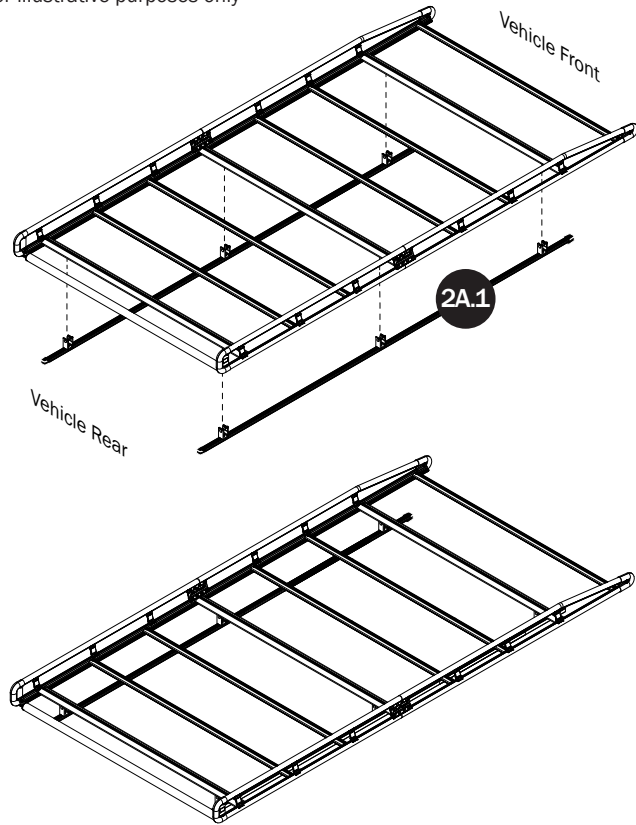
Refer to the respective FEA or AR Assembly Manual(s) included with your chosen rack configuration features. Depending upon the features chosen, you may need to perform a complete feature assembly onto the Crossbars or Side Rails as noted in that feature's Assembly Manual.

**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.

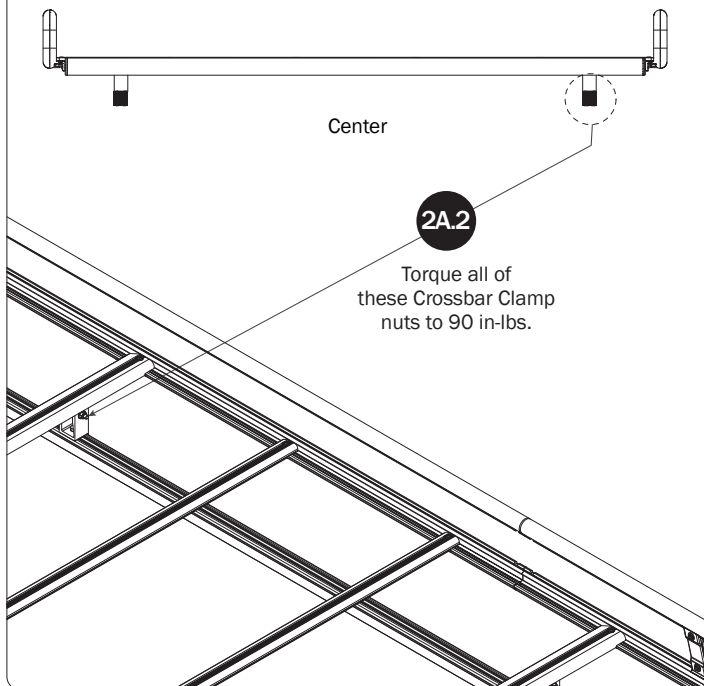
**NOTE:** Crossbars, Side Rails, Base, Clamp Down, or Rotation features are not included in this FBM kit, and must be purchased separately. To purchase applicable features and accessories, please contact your authorized distributor, or a Prime Design Sales & Service Representative.

## CROSSBARS (ALURACK L2H1)

Shown with L2H1 AluRack for illustrative purposes only



## CROSSBAR ADJUSTMENT

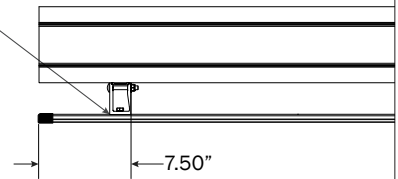


2A.2

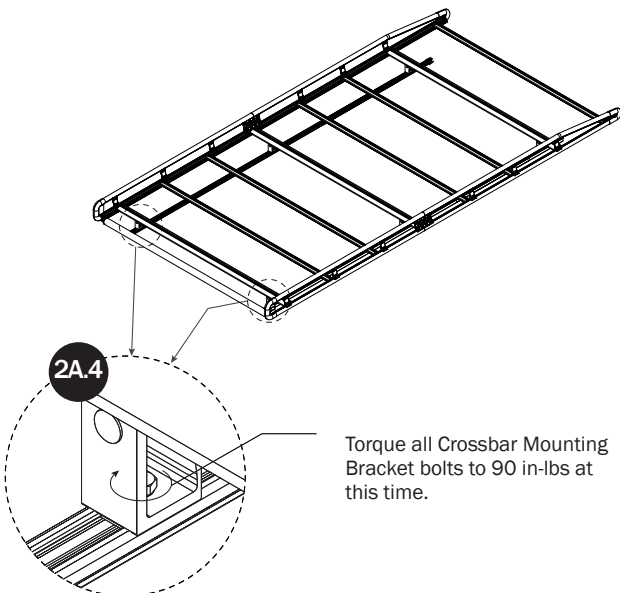
Torque all of these Crossbar Clamp nuts to 90 in-lbs.

2A.3

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

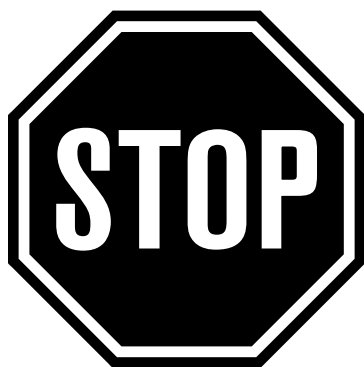


7.50"



2A.4

Torque all Crossbar Mounting Bracket bolts to 90 in-lbs at this time.



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

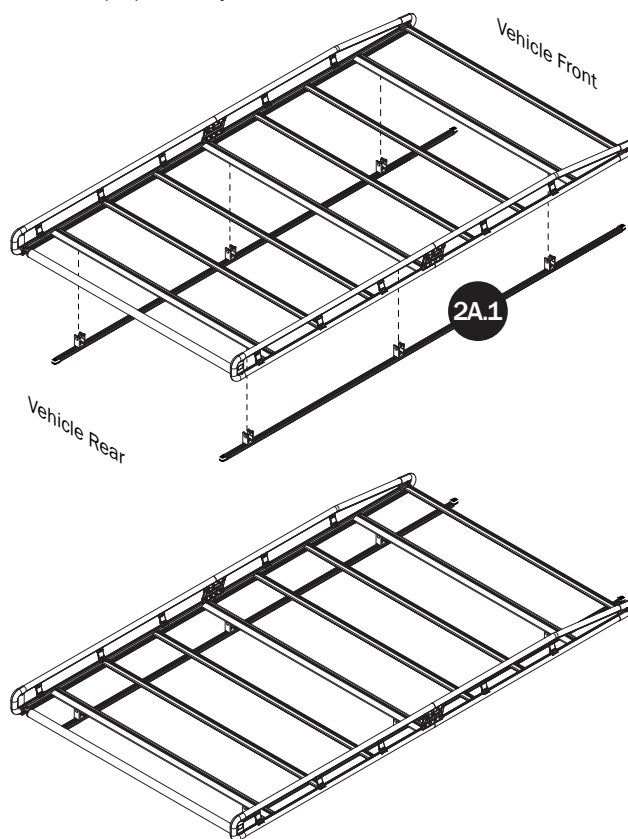
Refer to the respective FEA or AR Assembly Manual(s) included with your chosen rack configuration features. Depending upon the features chosen, you may need to perform a complete feature assembly onto the Crossbars or Side Rails as noted in that feature's Assembly Manual.

**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.

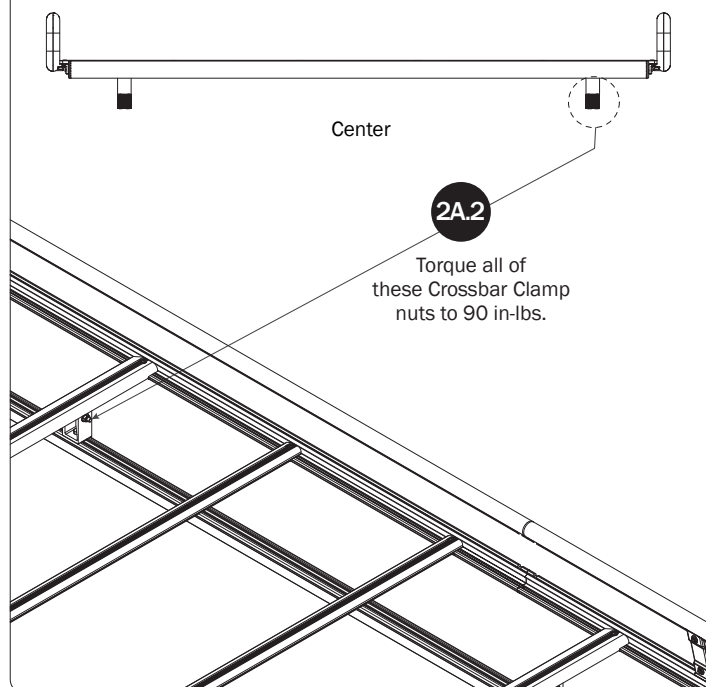
**NOTE:** Crossbars, Side Rails, Base, Clamp Down, or Rotation features are not included in this FBM kit, and must be purchased separately. To purchase applicable features and accessories, please contact your authorized distributor, or a Prime Design Sales & Service Representative.

## CROSSBARS (ALURACK L2H2)

Shown with L2H2 AluRack for illustrative purposes only

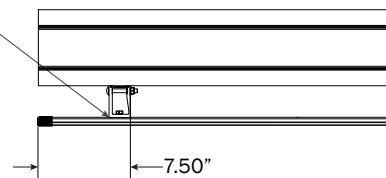


## CROSSBAR ADJUSTMENT



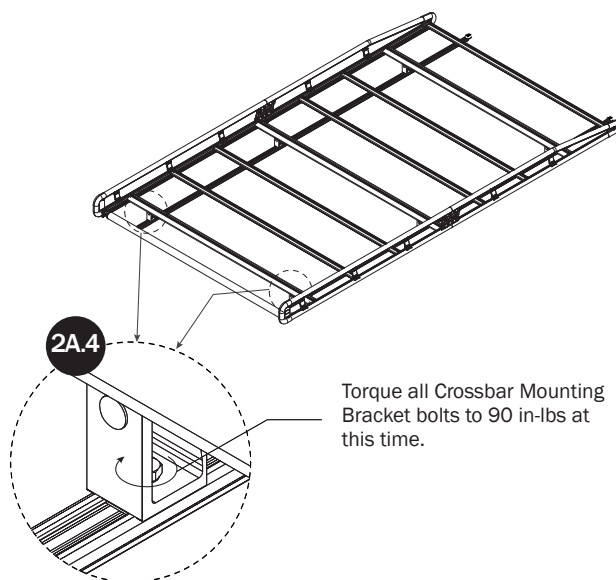
2A.3

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



2A.4

Torque all Crossbar Mounting Bracket bolts to 90 in-lbs at this time.







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

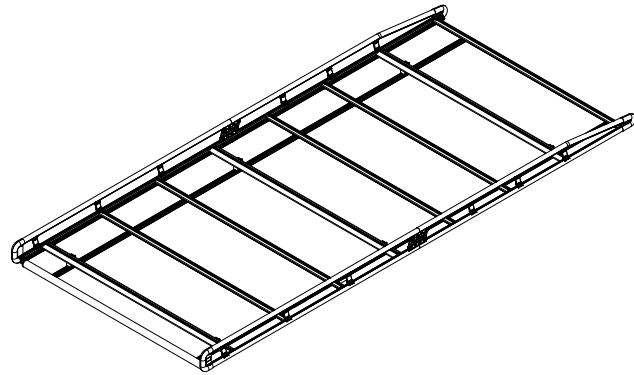
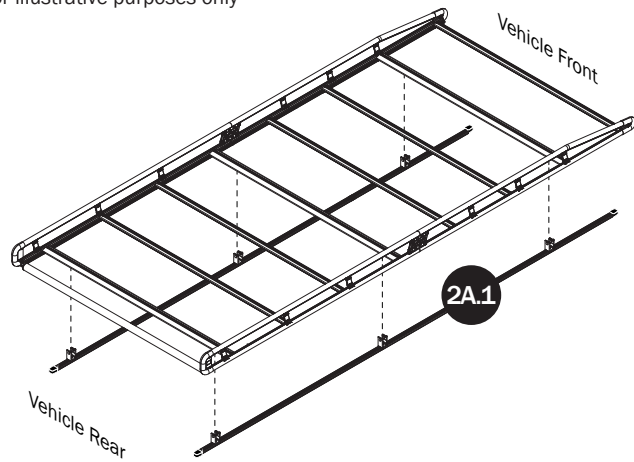
Refer to the respective FEA or AR Assembly Manual(s) included with your chosen rack configuration features. Depending upon the features chosen, you may need to perform a complete feature assembly onto the Crossbars or Side Rails as noted in that feature's Assembly Manual.

**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.

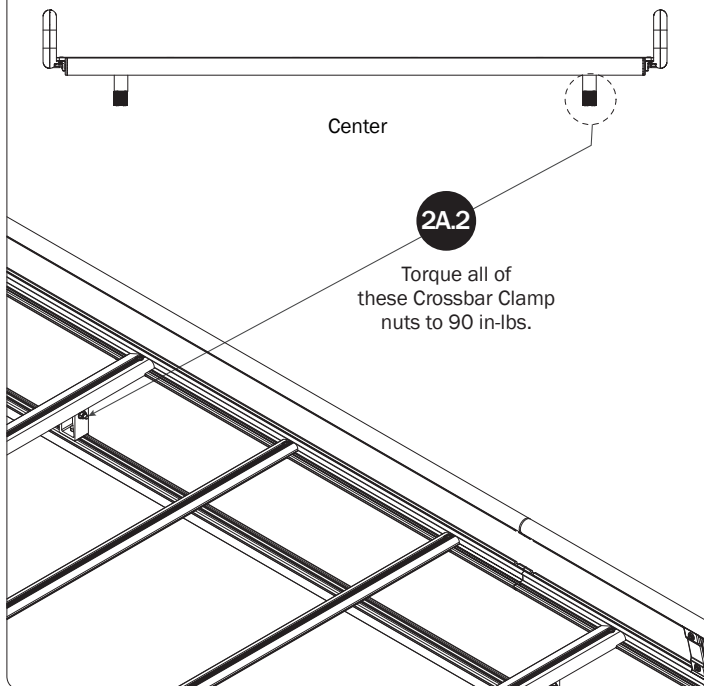
**NOTE:** Crossbars, Side Rails, Base, Clamp Down, or Rotation features are not included in this FBM kit, and must be purchased separately. To purchase applicable features and accessories, please contact your authorized distributor, or a Prime Design Sales & Service Representative.

## CROSSBARS (ALURACK L3/L4)

Shown with L4H2 AluRack  
for illustrative purposes only

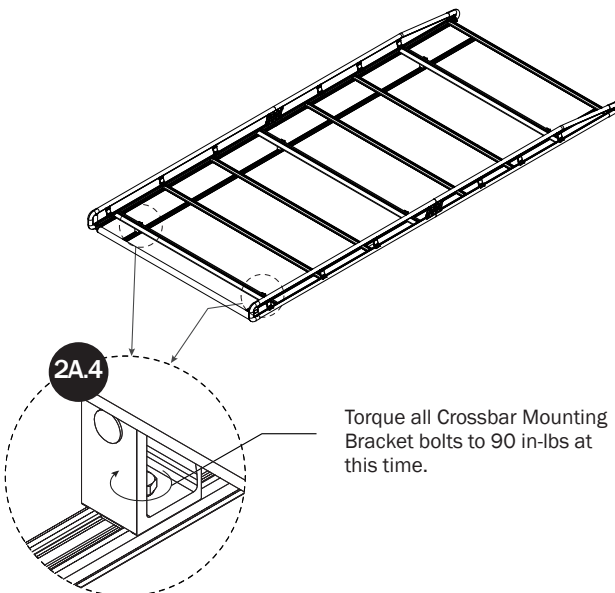
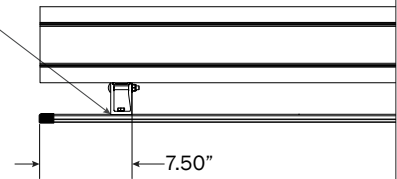


## CROSSBAR ADJUSTMENT



2A.3

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

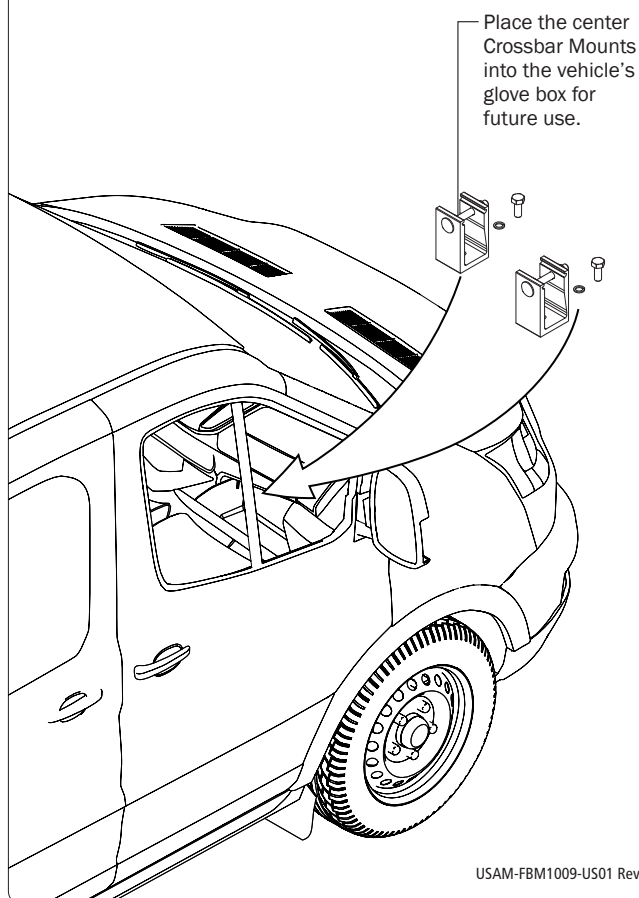


## ***CENTER CROSSBAR MOUNTS*** **FOR 2 CROSSBAR ERGORACK MODELS ONLY**

Where applicable, remove the remaining center Crossbar Mount Hardware if desired.



Center Crossbar Mounting Foot Brackets should remain installed for future use or upgrades.



USAM-FBM1009-US01 Rev-A 0720