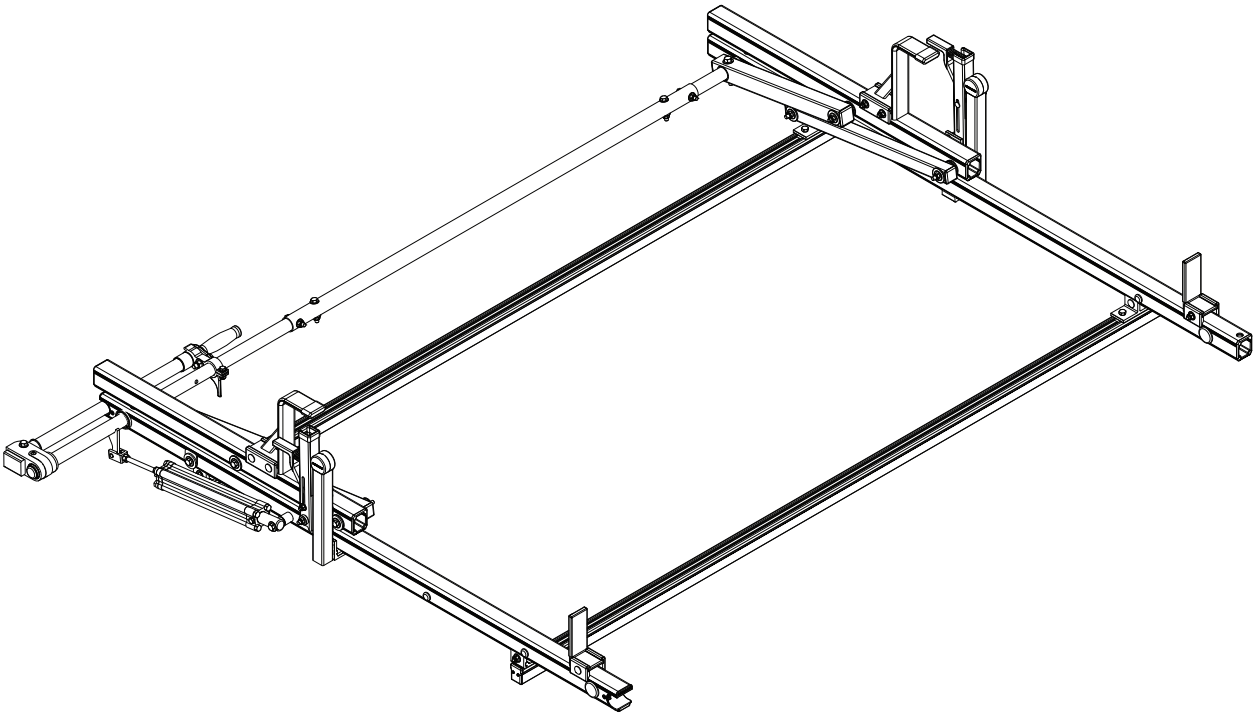


# PRIME DESIGN™

A Safe Fleet Brand

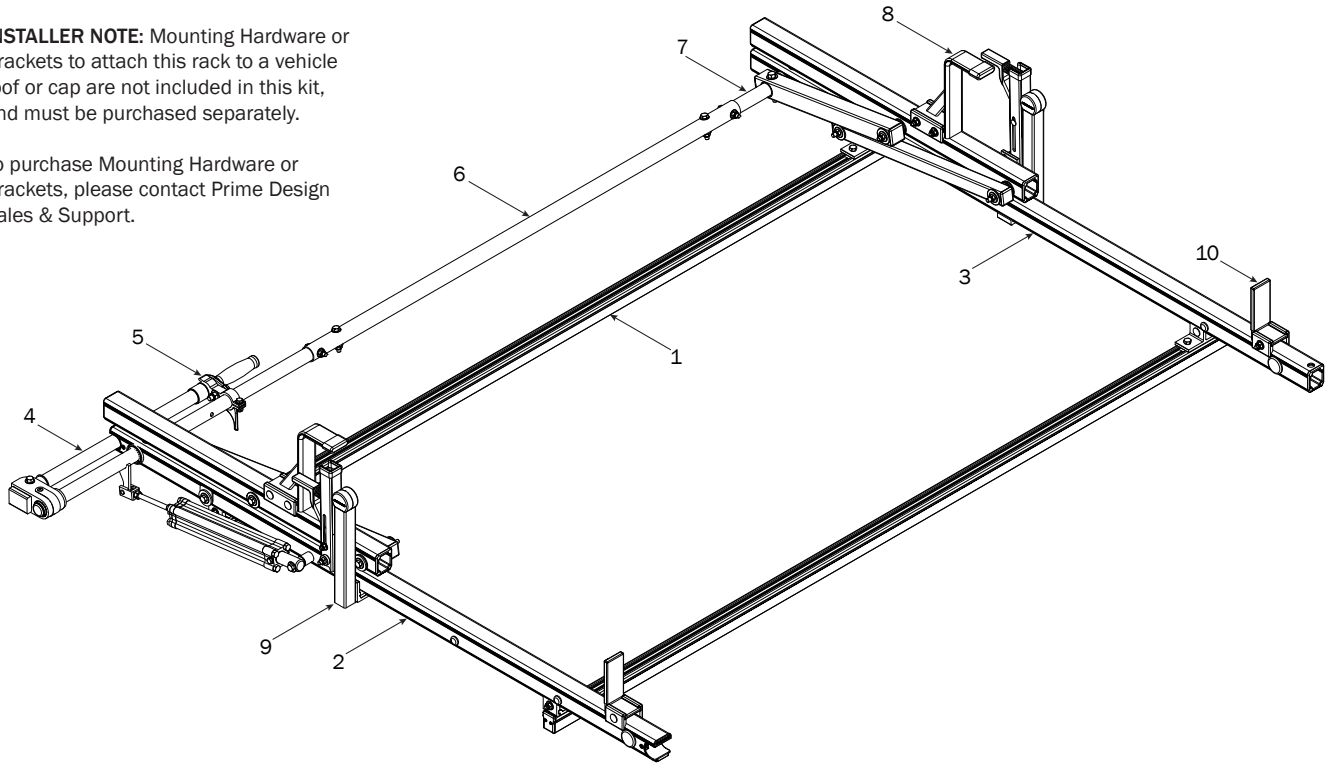


6000  
PRB

# CONTENTS OVERVIEW

**INSTALLER NOTE:** Mounting Hardware or Brackets to attach this rack to a vehicle roof or cap are not included in this kit, and must be purchased separately.

To purchase Mounting Hardware or Brackets, please contact Prime Design Sales & Support.



1—FBM-0001 ..... (Qty 1)  
Channels with hardware



Channels (2X)



Screws (8X)

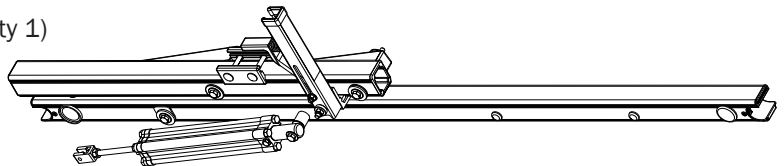


End Caps (4X)

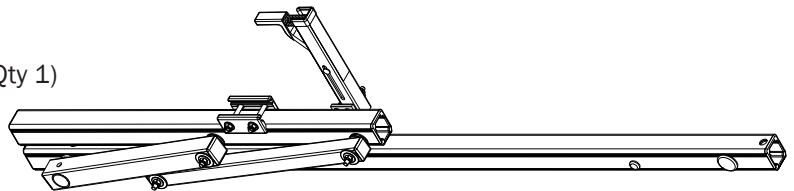


Brackets (4X)

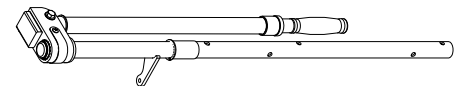
2—Rear Crossbar Assembly..... (Qty 1)



3—Front Crossbar Assembly ..... (Qty 1)



4—Rear Drive Shaft..... (Qty 1)  
Left Hand, 34.00"



5—Handle Latch Assembly ..... (Qty 1)  
Left Hand



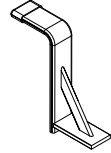
6—Connecting Bar..... (Qty 1)  
48.00"



7—Front Drive Shaft ..... (Qty 1)  
B Version, 35.75"



8—Z Post ..... (Qty 2)  
Adjustable, 7.25"



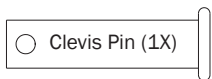
9—L Post..... (Qty 2)  
Roller Cap, 9.25"



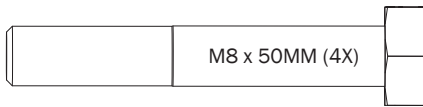
10—Ladder Stop Assembly ..... (Qty 2)  
1.75"



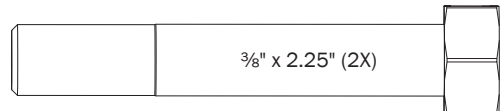
11—HKT-8163-Rotation Hardware Kit ..... (Qty 1)  
(Not called out in Overview)



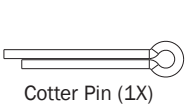
Clevis Pin (1X)



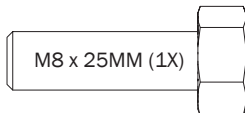
M8 x 50MM (4X)



3/8" x 2.25" (2X)



Cotter Pin (1X)



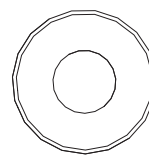
M8 x 25MM (1X)



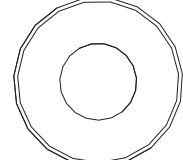
M8 Lock Nut (5X)



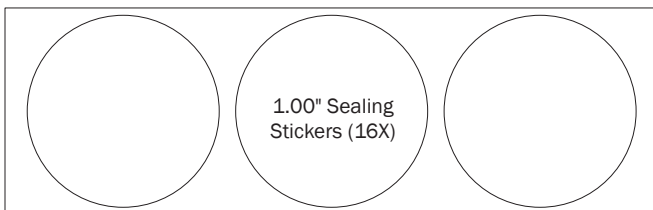
3/8" Lock Nut (2X)



5/16" Flat Washer (10X)



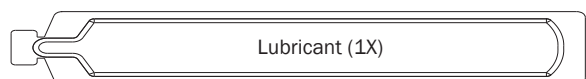
3/8" Flat Washer (4X)



1.00" Sealing Stickers (16X)

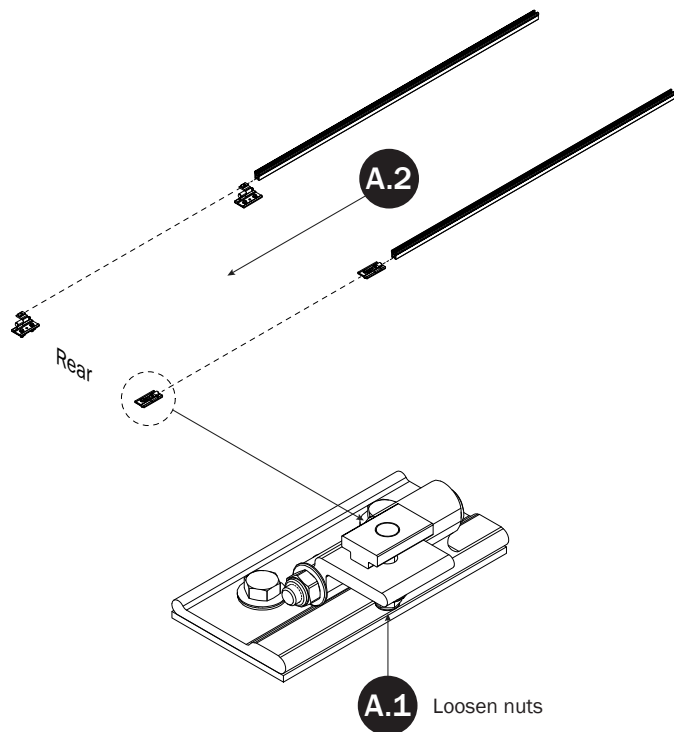


Anti-Seize (1X)

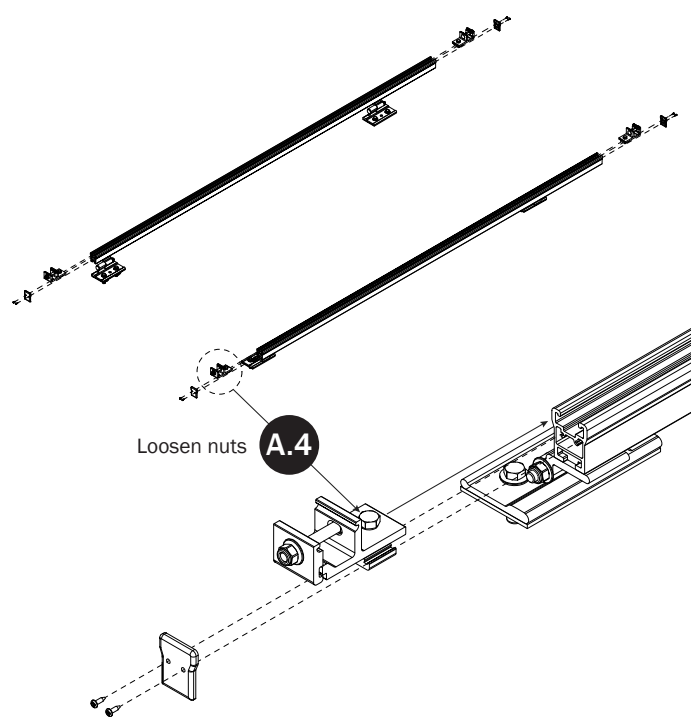
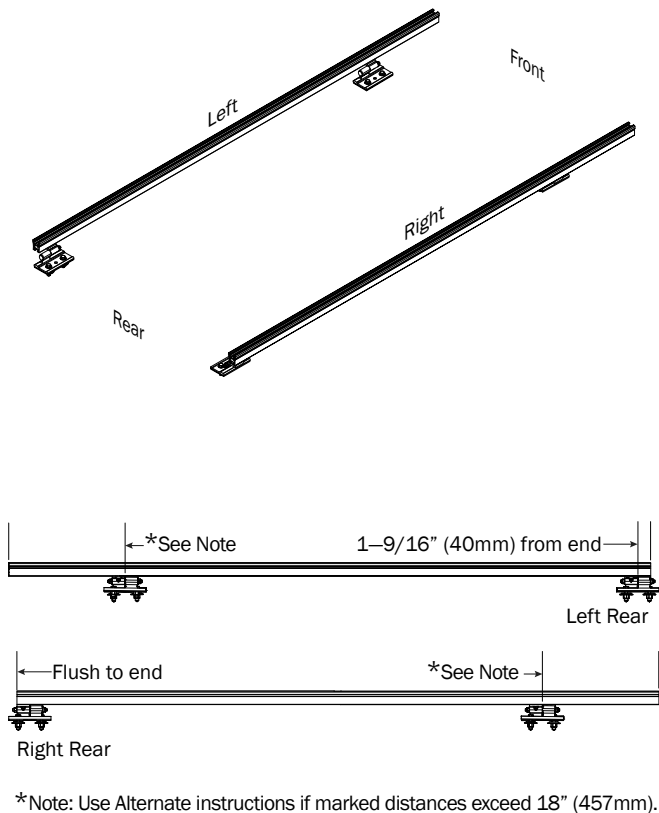


Lubricant (1X)

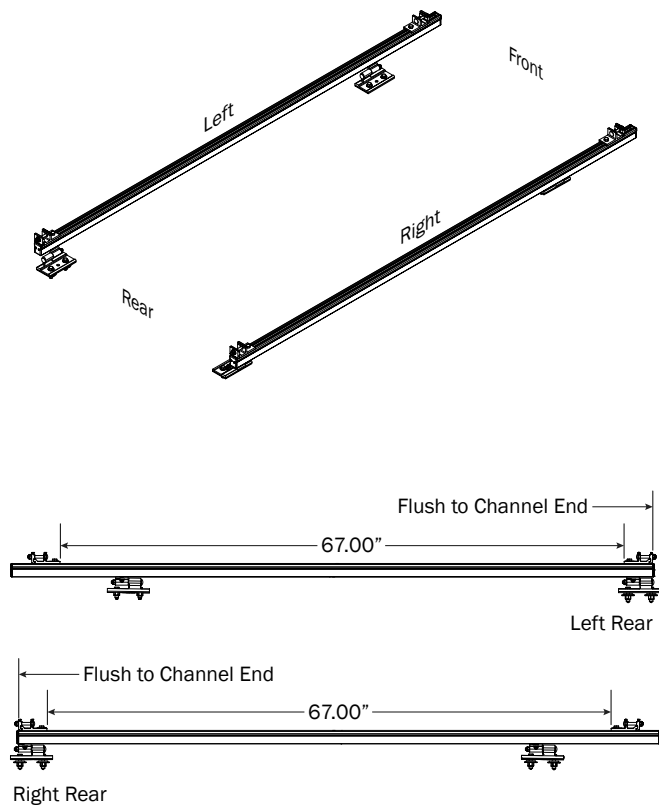
**FBM-0001 FLUSH CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS**



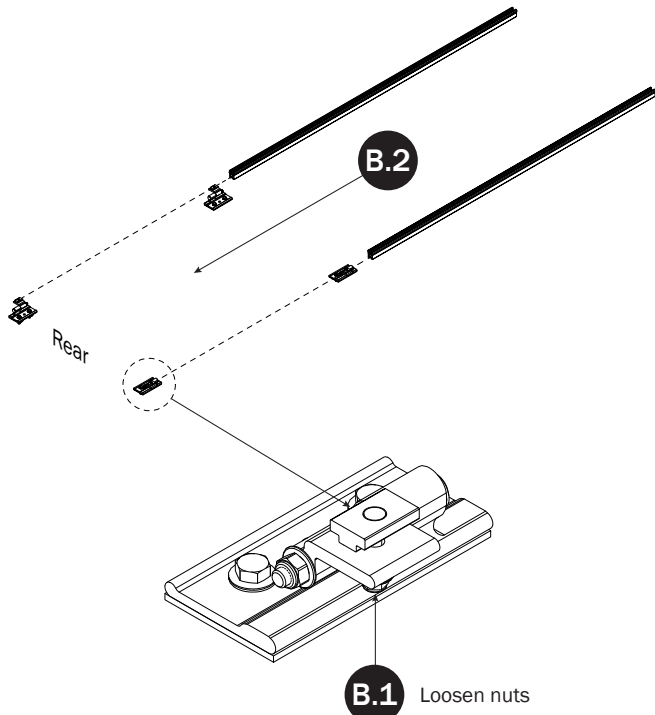
**A.3** Set to distances then torque nuts to 80 in-lbs



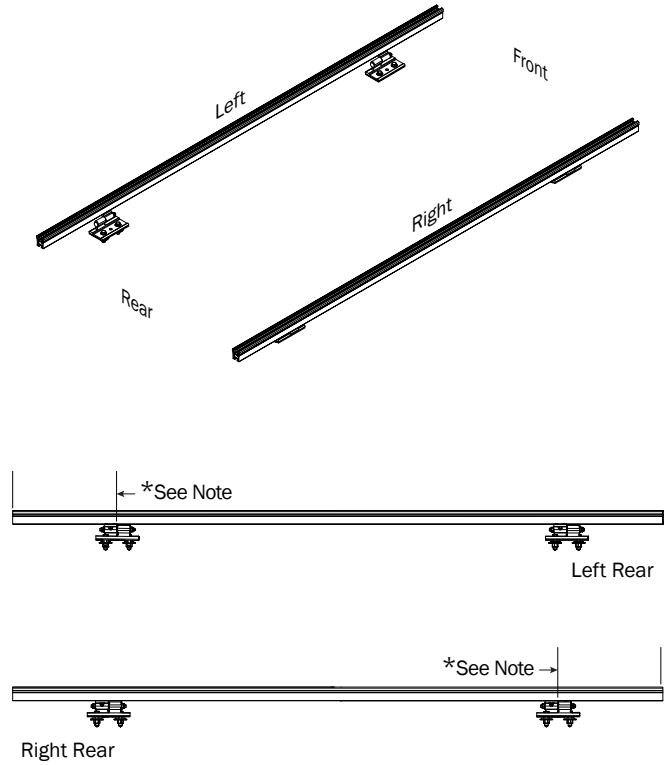
**A.5** Set to distances then torque Rear Bracket nuts to 90 in-lbs



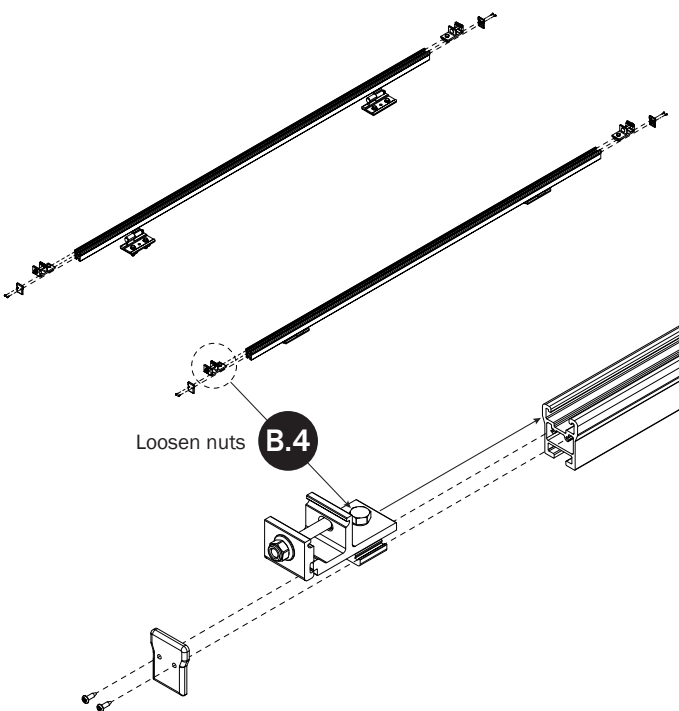
**FBM-0001 ALTERNATE**  
CHANNELS TO PRE-INSTALLED  
MOUNTING BRACKETS



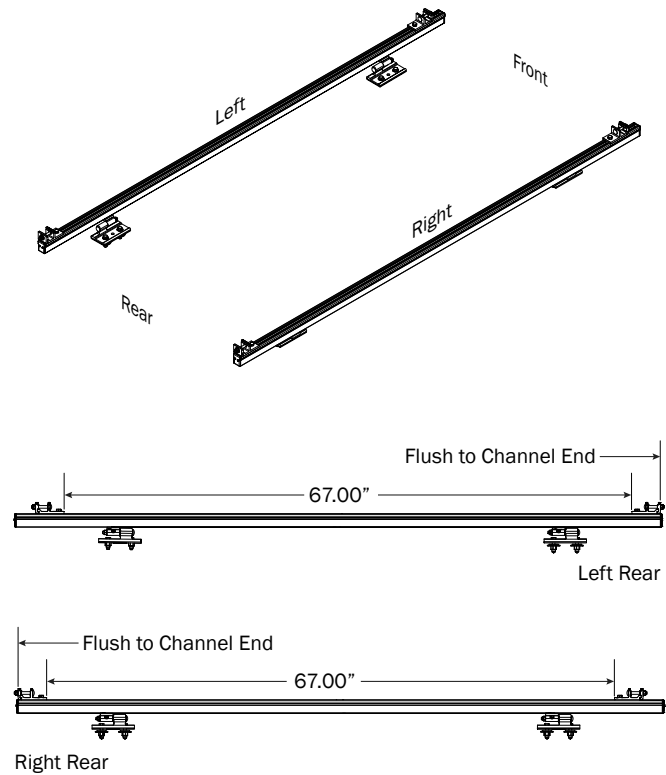
**B.3** Set to distances then torque nuts to 80 in-lbs



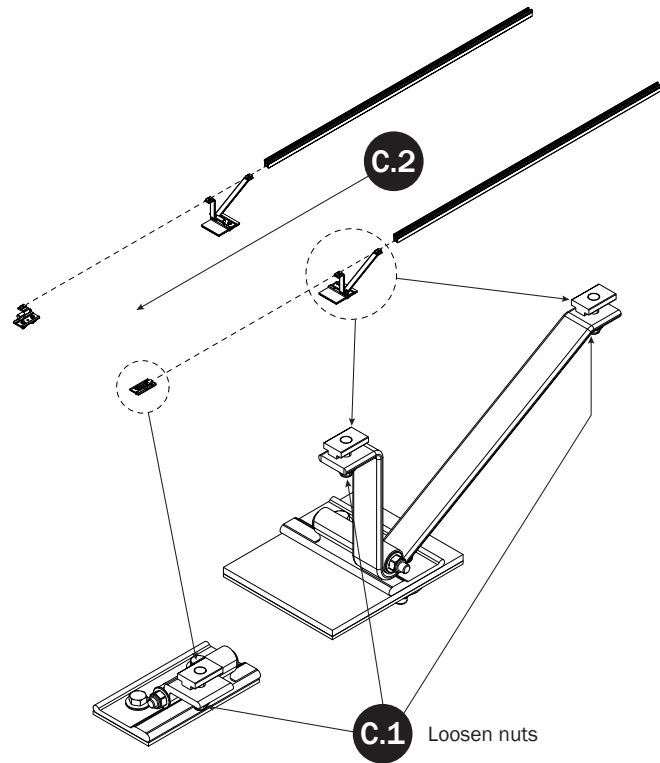
\* Move Channels rearward until front distance no longer exceeds 18" (457mm).



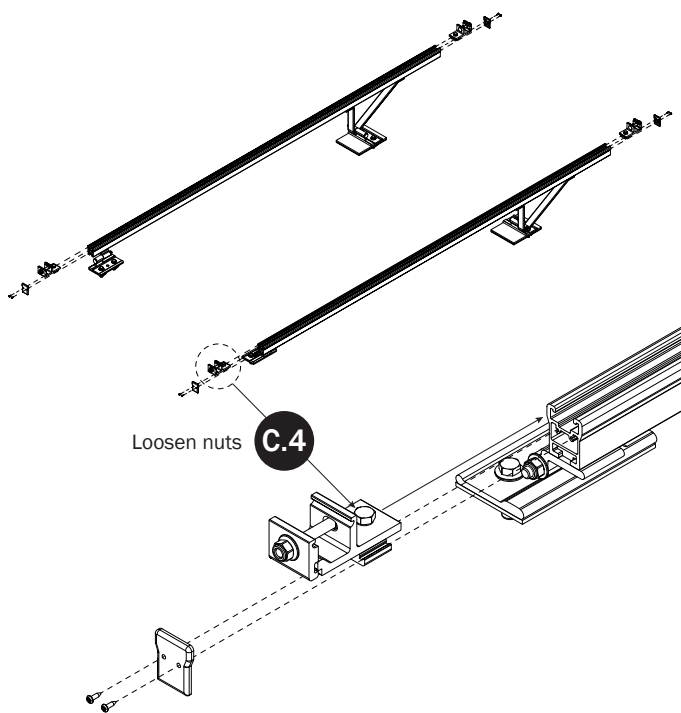
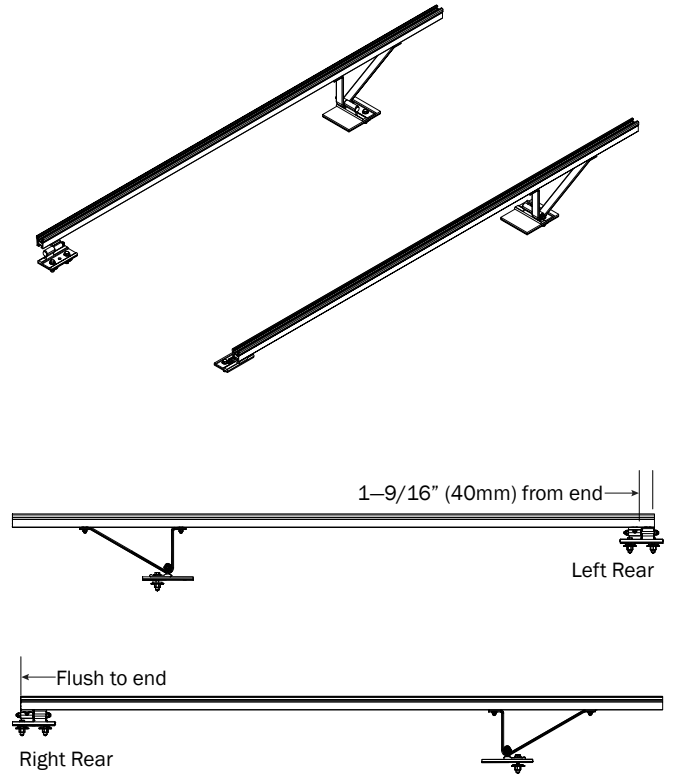
**B.5** Set to distances then torque Rear Bracket nuts to 90 in-lbs



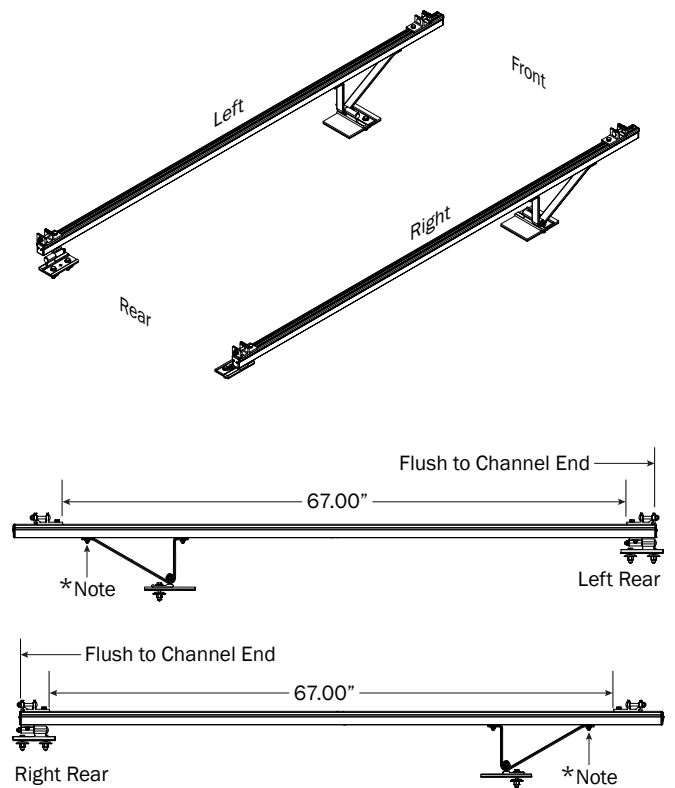
**FBM-0001 SLOPED TYPICAL CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS**



**C.3** Set to distances then torque nuts to 80 in-lbs

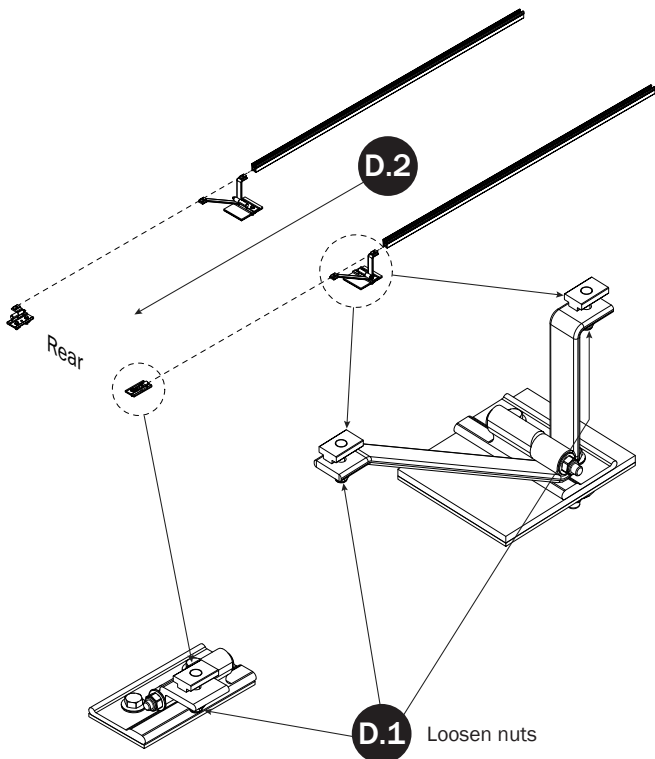


**C.5** Set to distances then torque nuts to 90 in-lbs

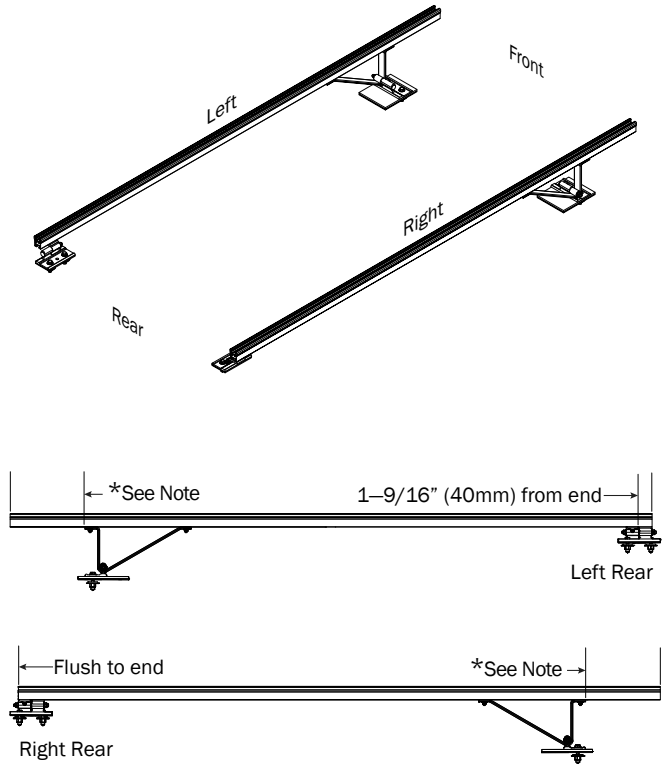


\*Note: Use Alternate instructions if mounting point is beyond end of Channel.

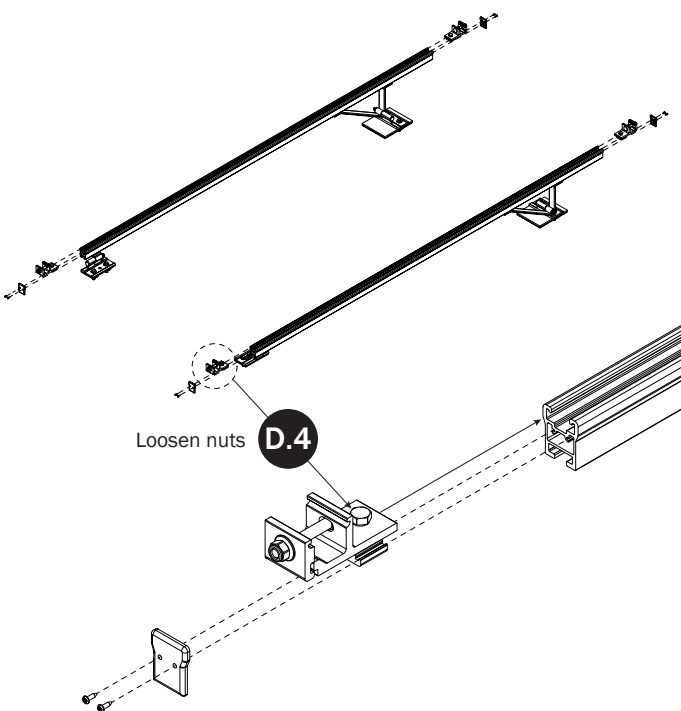
**FBM-0001 SLOPED ALTERNATE CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS**



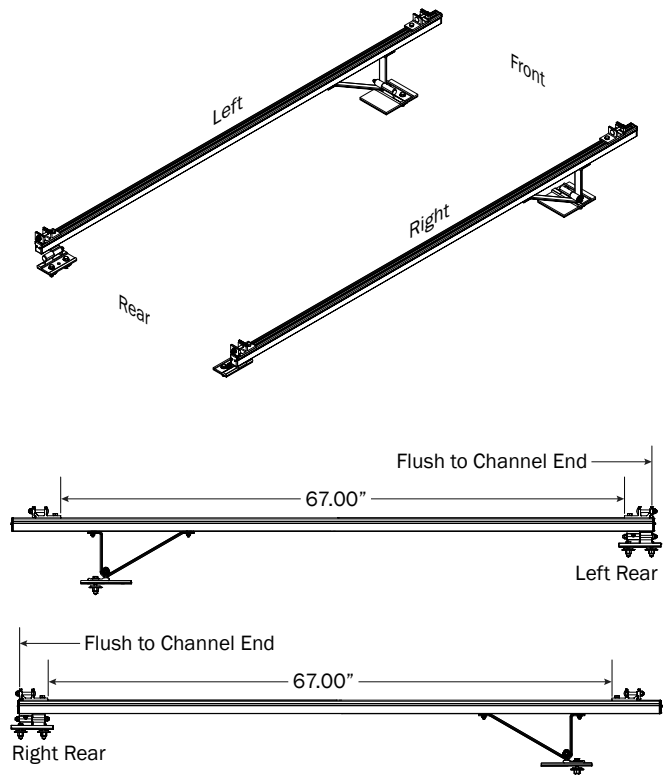
**D.3** Set to distances then torque nuts to 80 in-lbs



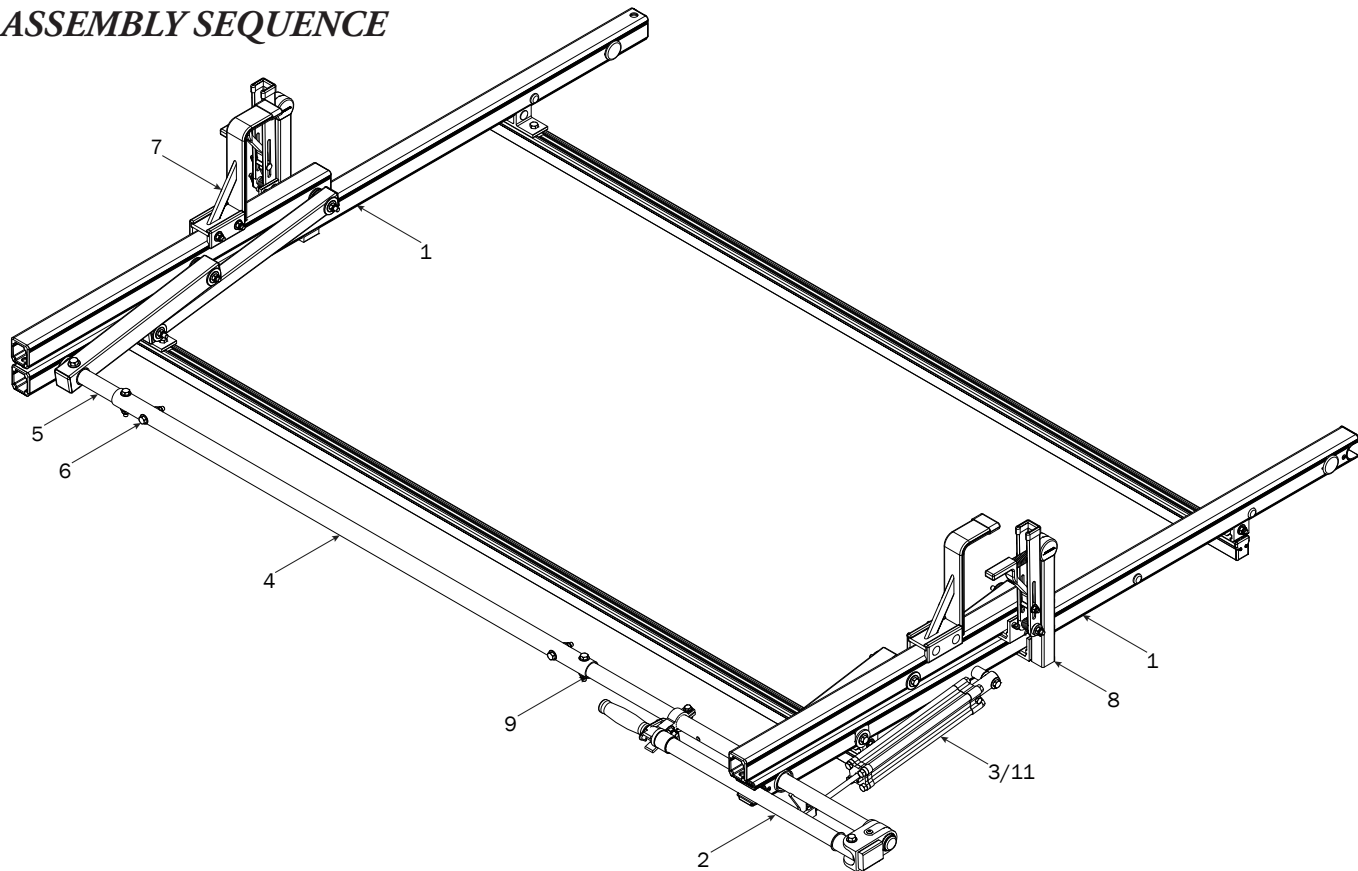
\*Note: Use Sloped Typical instructions if front distance exceeds 18" (457mm).



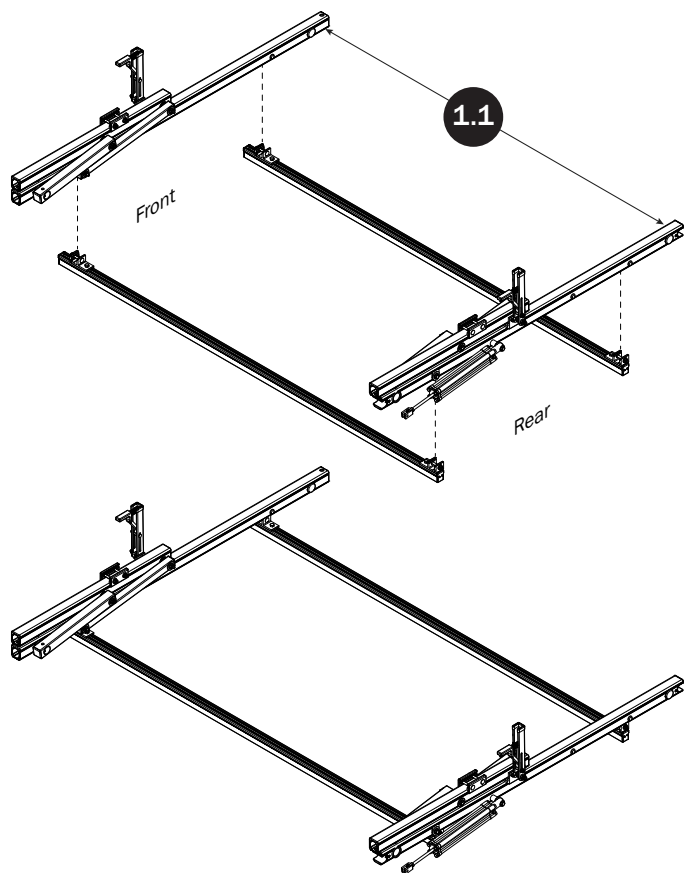
**D.5** Set to distances then torque nuts to 90 in-lbs



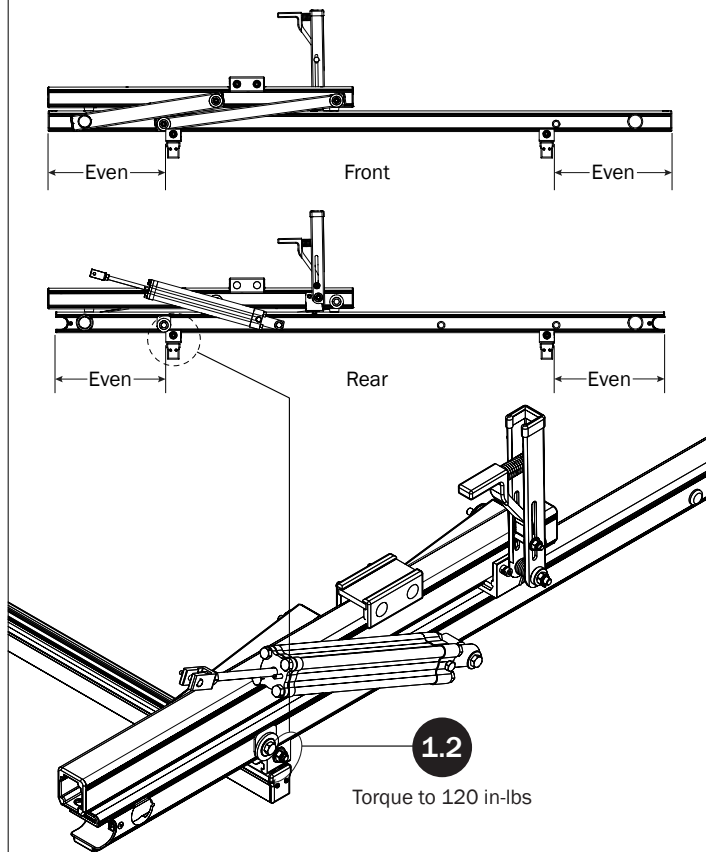
**LEFT ROTATION  
ASSEMBLY SEQUENCE**



**CROSSBARS**

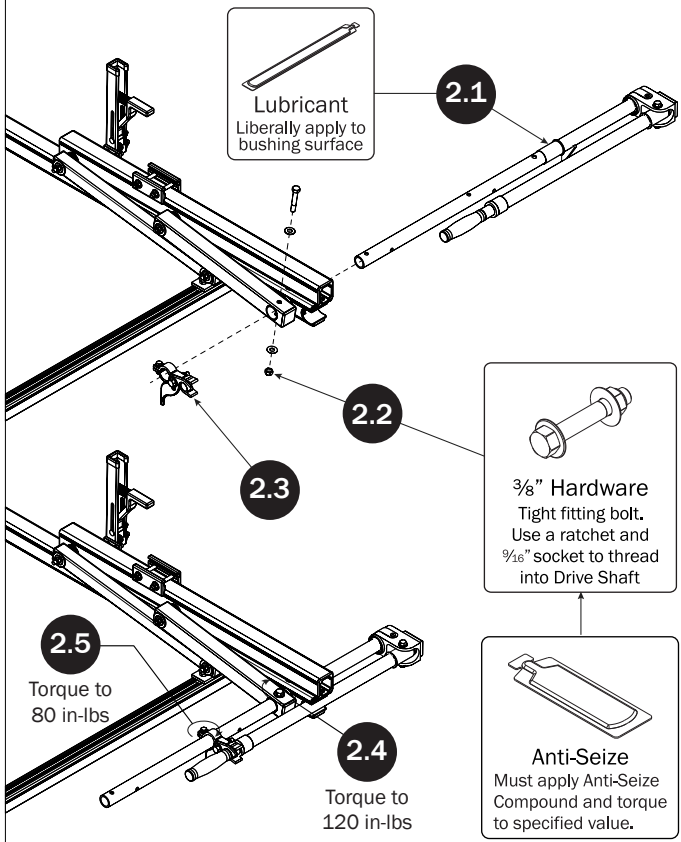


**CROSSBAR ADJUSTMENT**

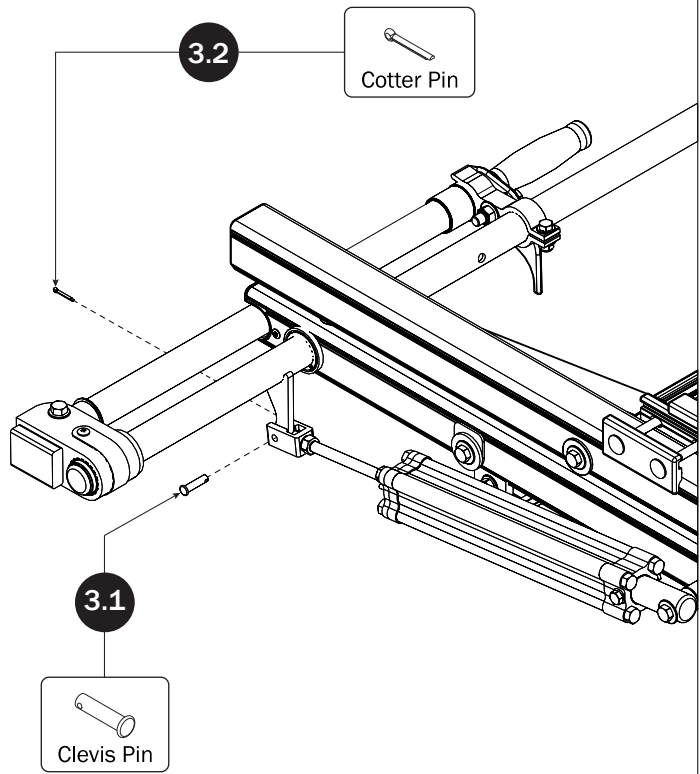




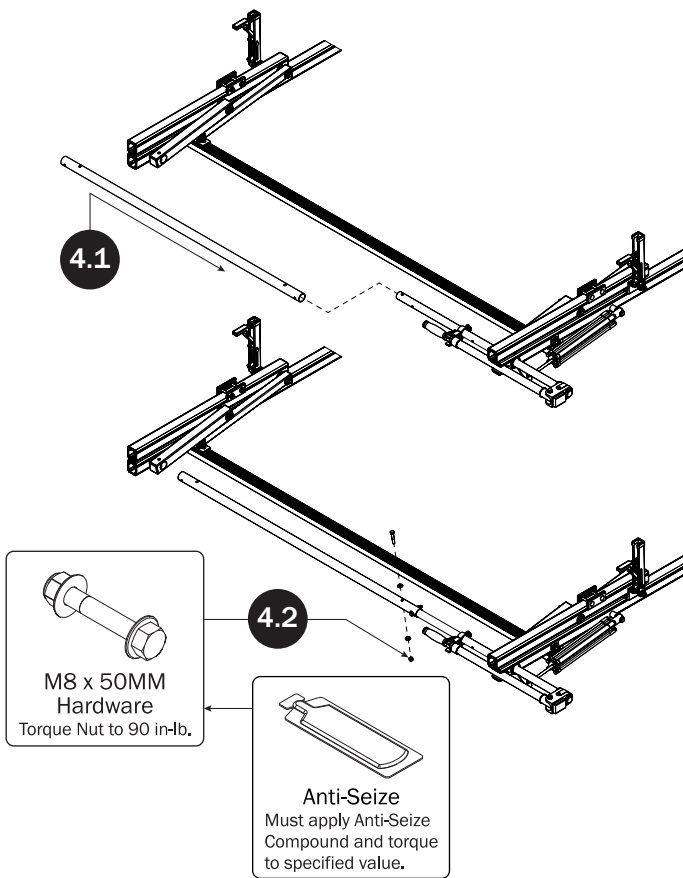
### REAR DRIVE SHAFT



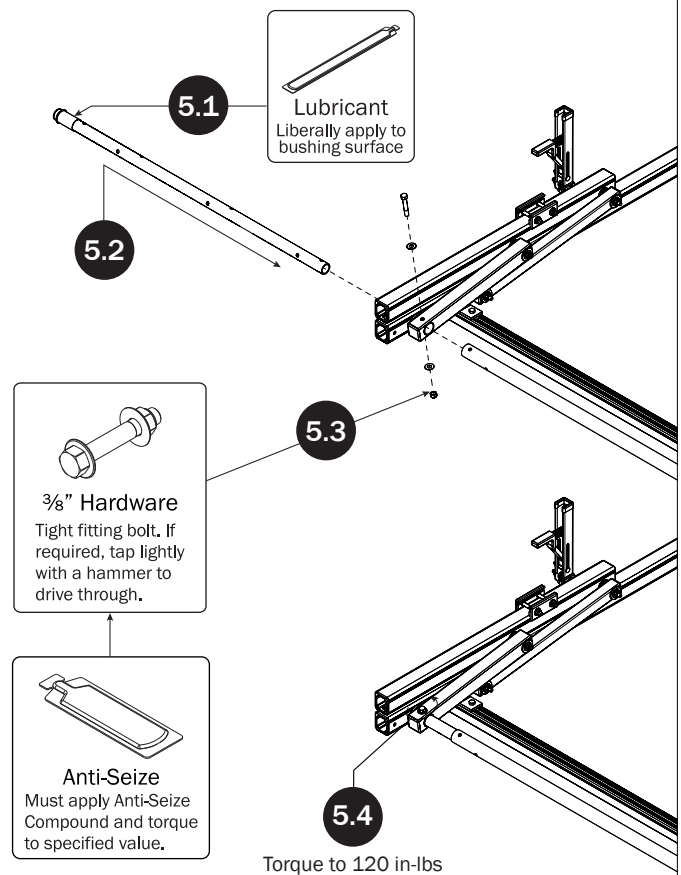
### CYLINDER HARDWARE



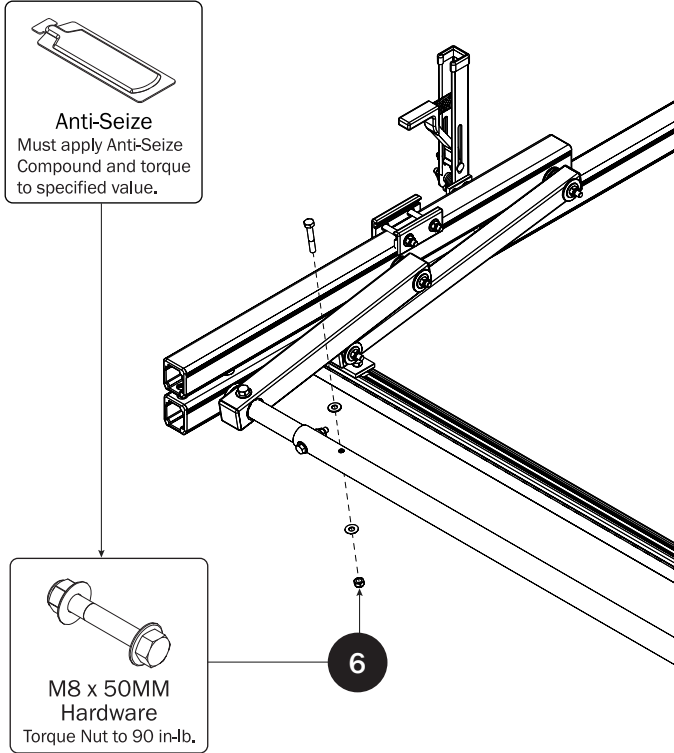
### CONNECTING BAR



### FRONT DRIVE SHAFT

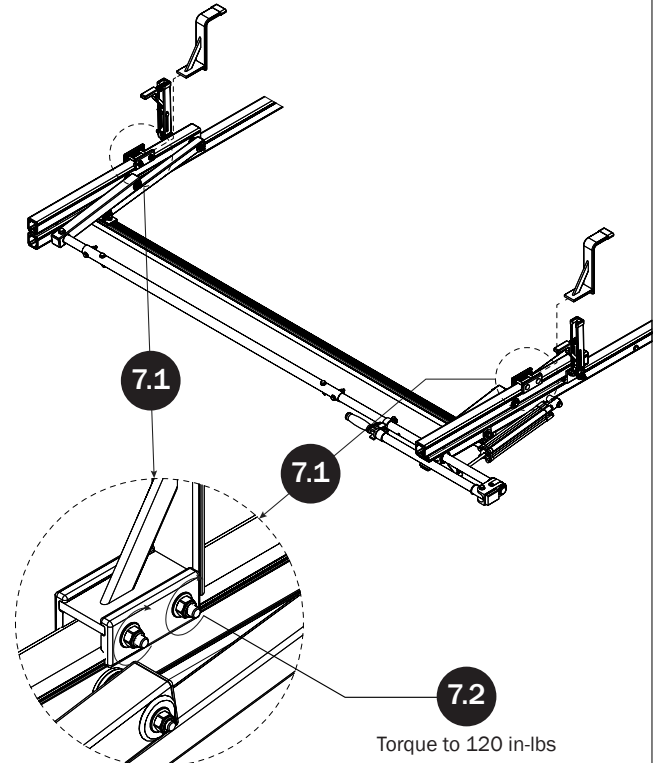


### CONNECTING BAR FASTENERS



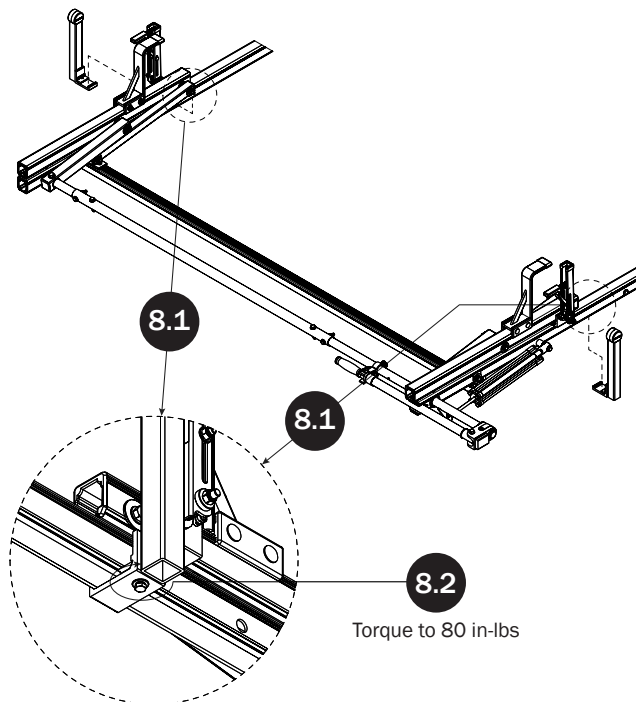
### Z POSTS

SEE QUICK START GUIDE FOR ADJUSTMENTS

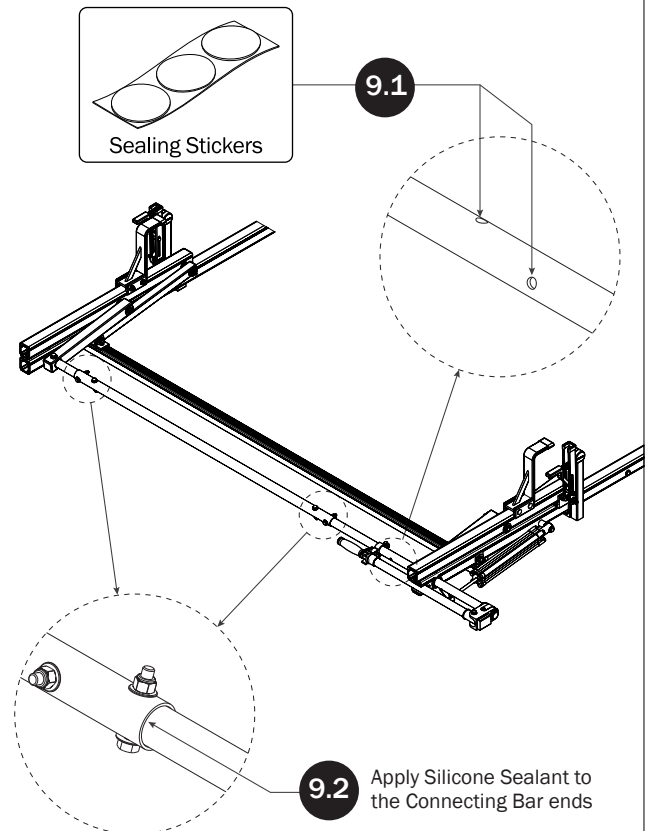


### L POSTS

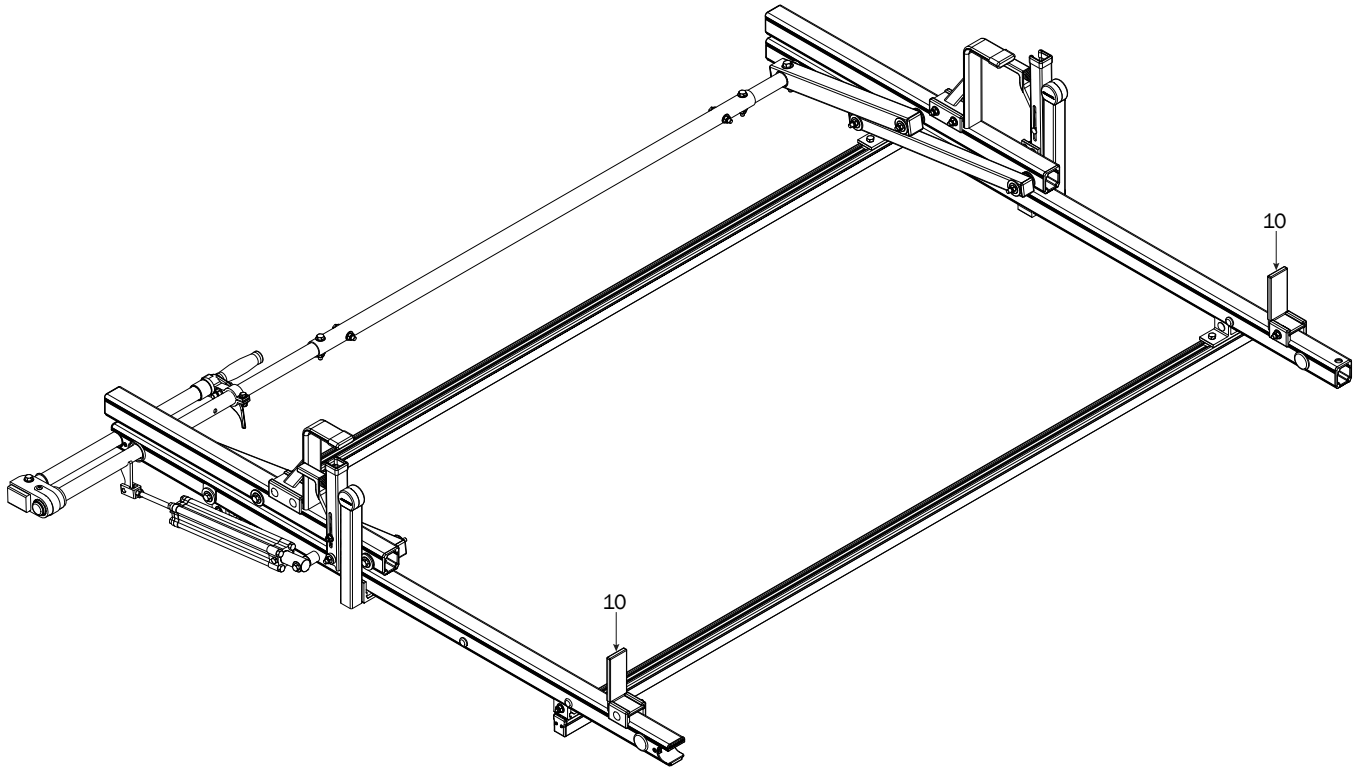
SEE QUICK START GUIDE FOR ADJUSTMENTS



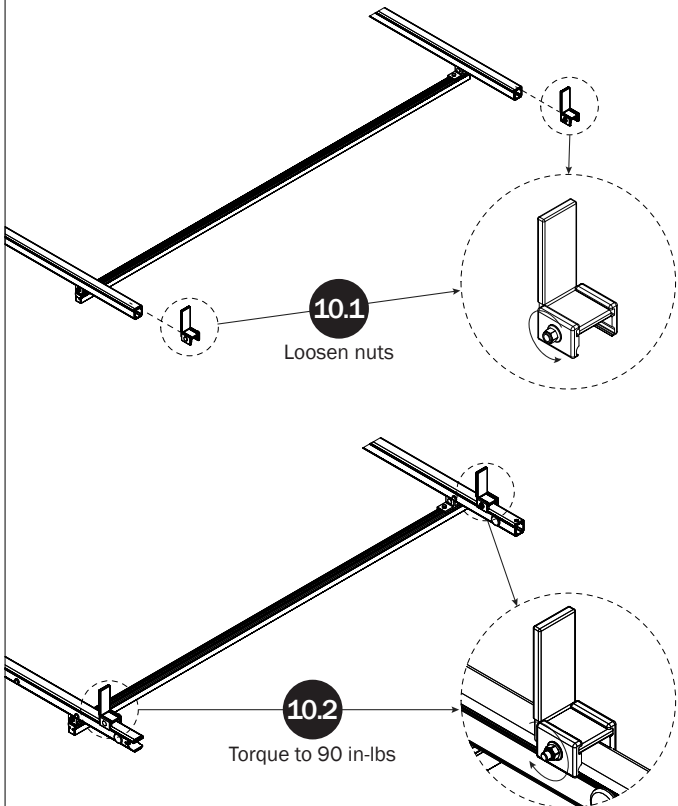
### DRIVE SHAFT SEALING



**RIGHT SIDE BASE  
ASSEMBLY SEQUENCE**



**LADDER STOPS**



**CYLINDER ADJUSTMENT**

