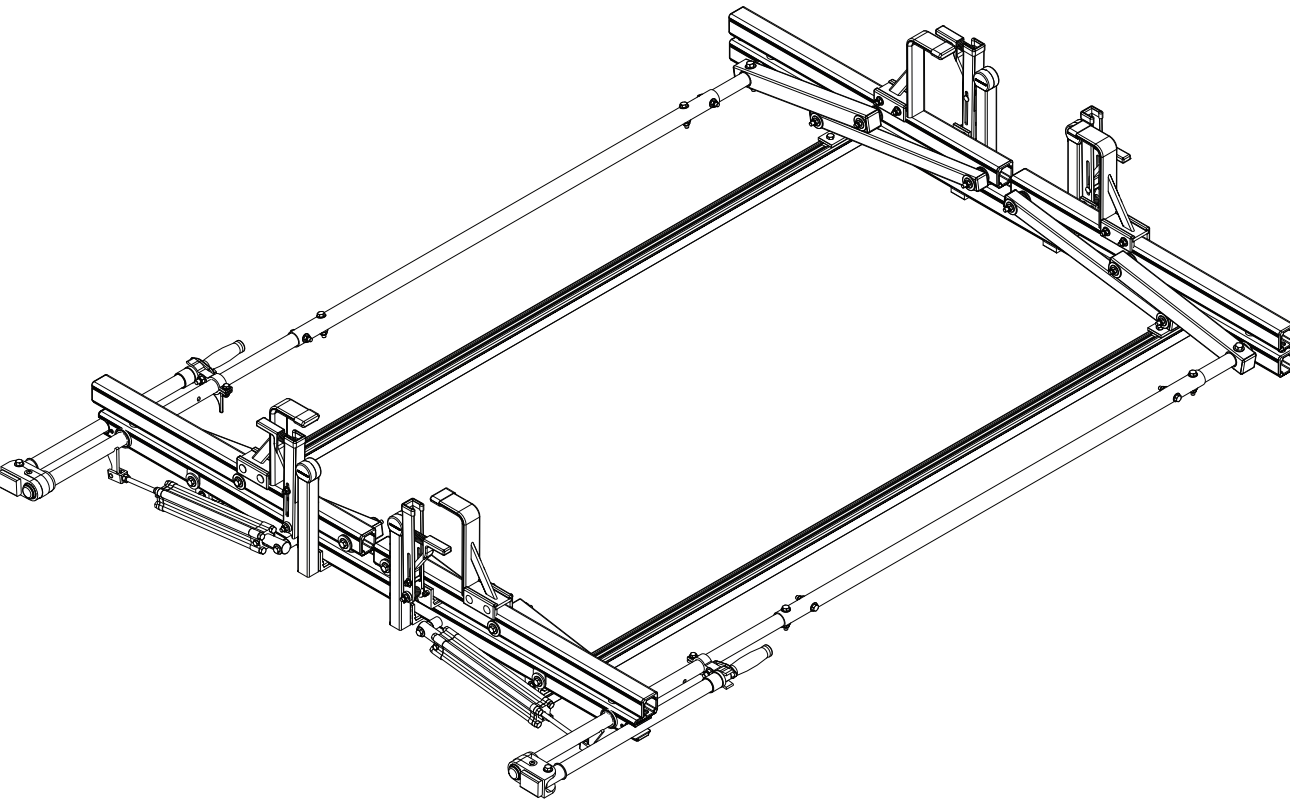


# **PRIME DESIGN™**

A Safe Fleet Brand

**6000**  
**PRR**



PRIME DESIGN, A SAFE FLEET BRAND

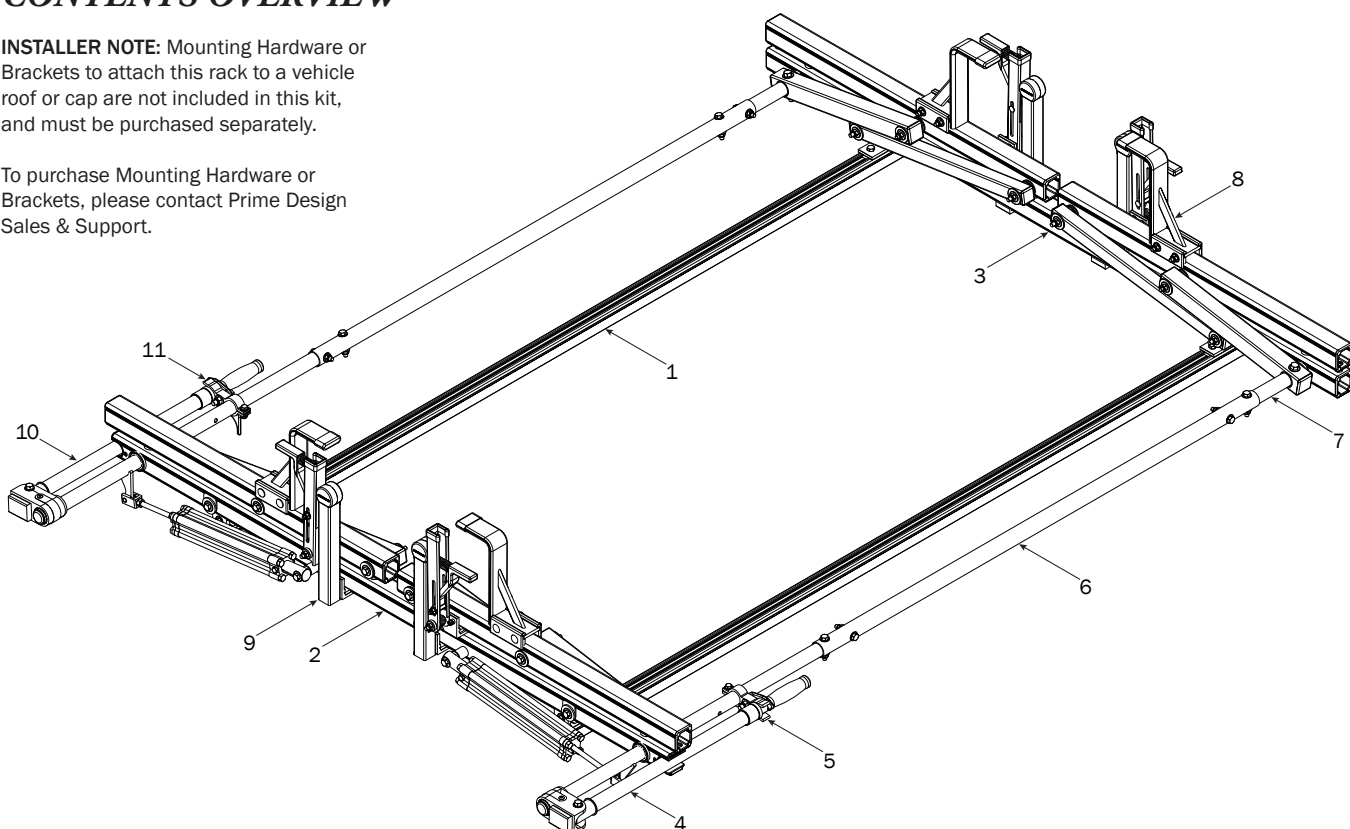
Address: 580 Opperman Drive, Eagan, MN 55123 • Toll Free: 1.8.PRIME.RACK

Fax: 651-552-1799 • Email: [info@primedesign.net](mailto:info@primedesign.net) • Website: [www.primedesign.net](http://www.primedesign.net)

## 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)

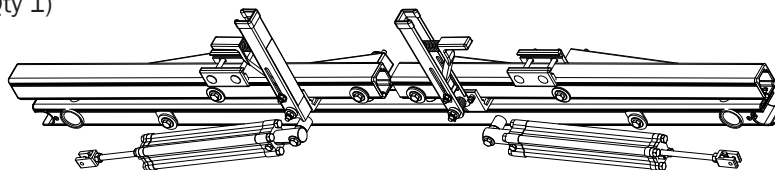


End Caps (4X)

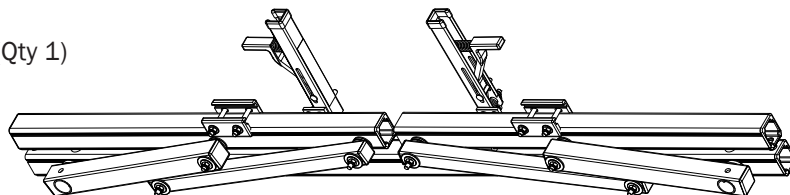


Brackets (4X)

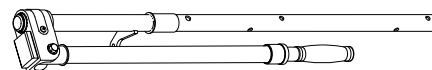
2—Rear Crossbar Assembly..... (Qty 1)



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



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



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



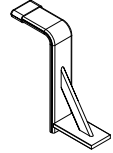
6—Connecting Bar..... (Qty 2)  
4.00'



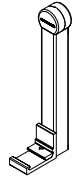
7—Front Drive Shaft ..... (Qty 2)  
B Version, 35.75"



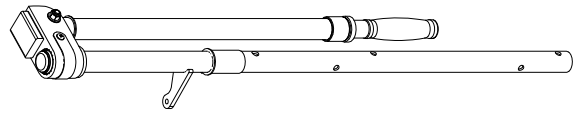
8—Z Post ..... (Qty 4)  
Adjustable, 7.25"



9—L Post ..... (Qty 4)  
Roller Cap, 9.25"



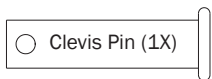
10—Rear Drive Shaft ..... (Qty 1)  
Left Hand, 34.00"



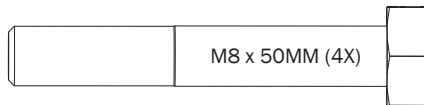
11—Handle Latch Assembly ..... (Qty 1)  
Left Hand



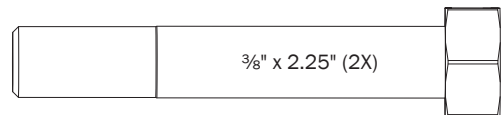
12—HKT-8163-Rotation Hardware Kit ..... (Qty 2)  
(Not called out in Overview)



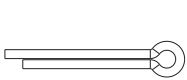
Clevis Pin (1X)



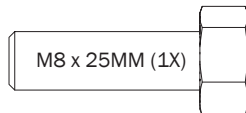
M8 x 50MM (4X)



3/8" x 2.25" (2X)



Cotter Pin (1X)



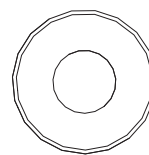
M8 x 25MM (1X)



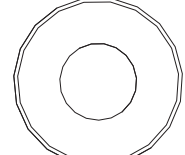
M8 Lock Nut (5X)



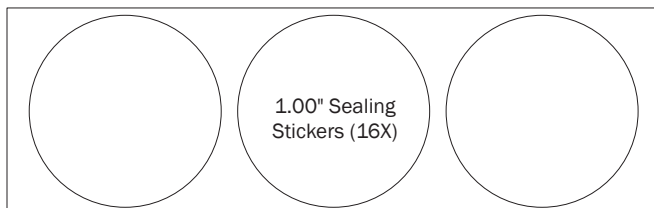
3/8" Lock Nut (2X)



5/16" Flat Washer (10X)



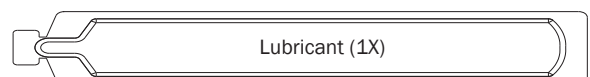
3/8" Flat Washer (4X)



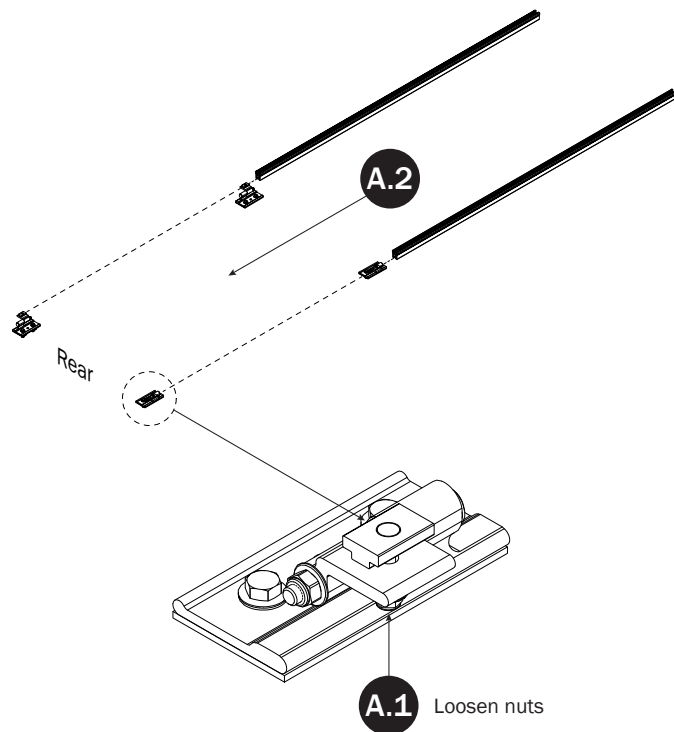
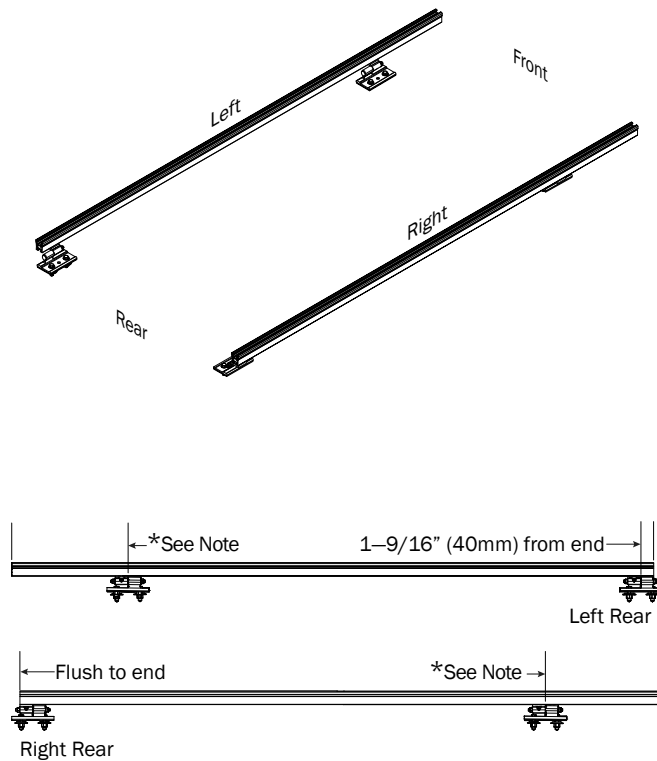
1.00" Sealing  
Stickers (16X)



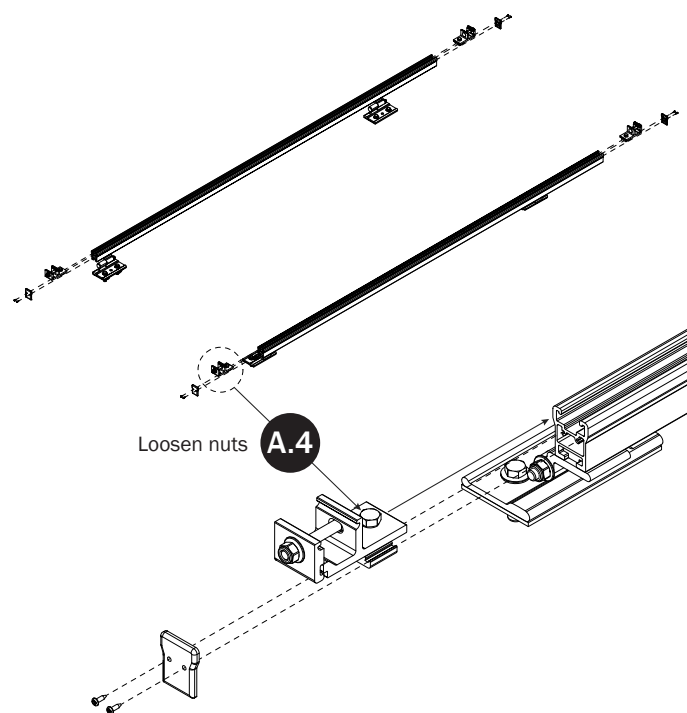
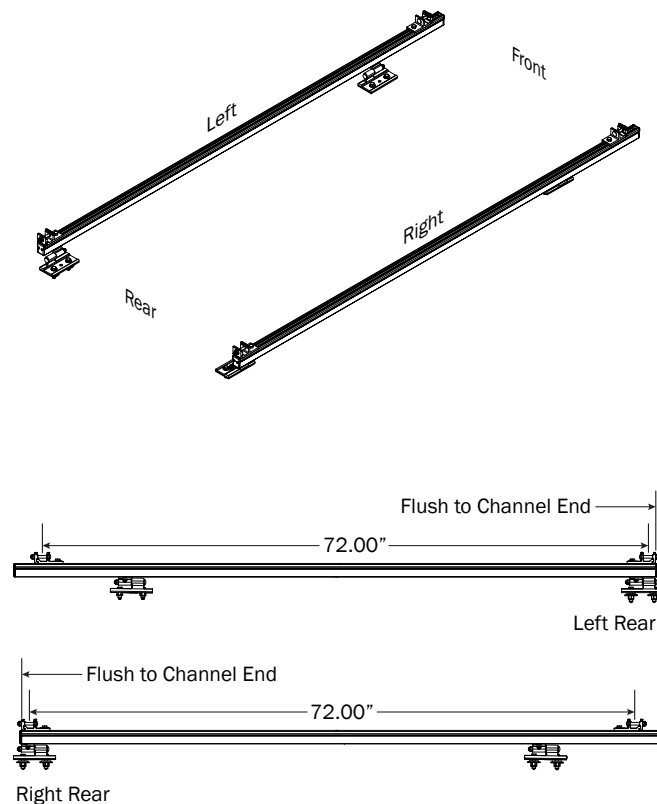
Anti-Seize (1X)



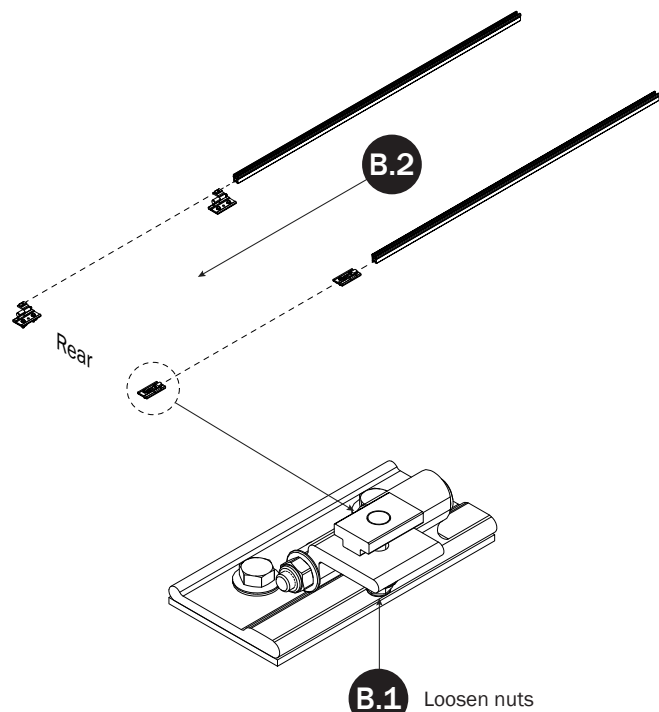
Lubricant (1X)

**FBM-0001 FLUSH**  
CHANNELS TO PRE-INSTALLED  
MOUNTING BRACKETS**A.3** Set to distances then torque nuts to 80 in-lbs

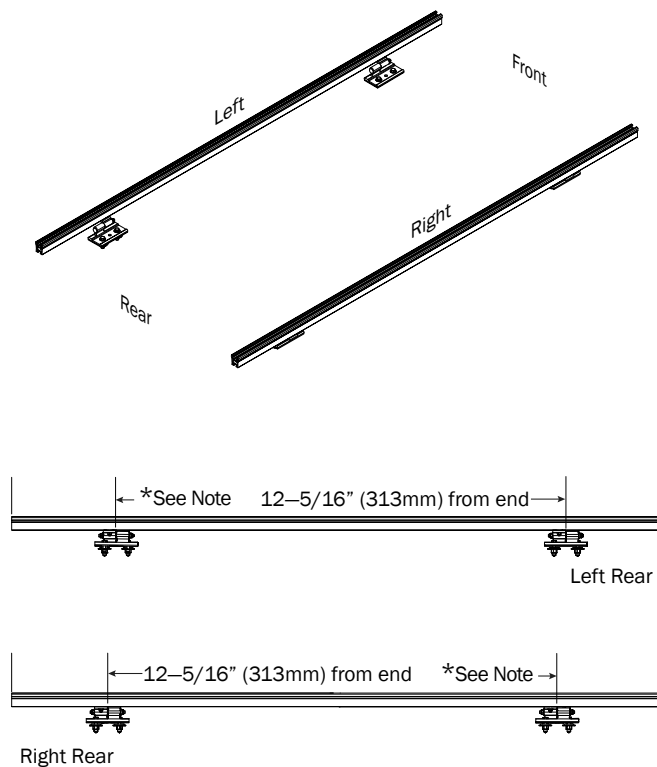
\*Note: Use Alternate instructions if marked distances exceed 18" (457mm).

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

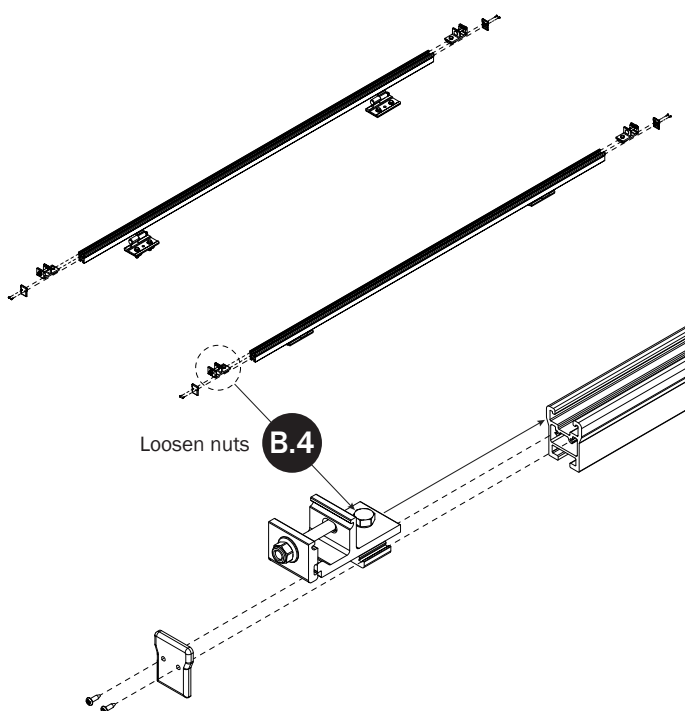
## FBM-0001 ALTERNATE CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS



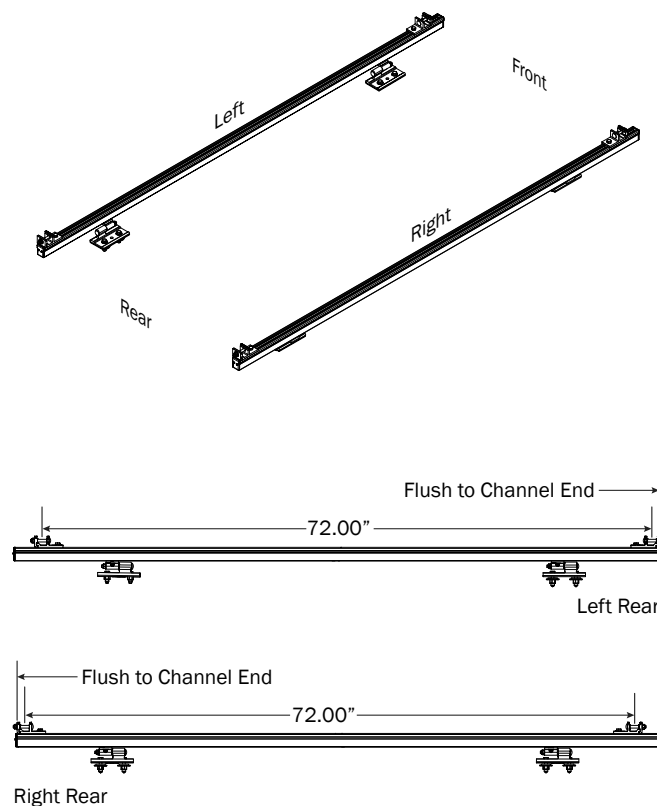
**B.3** Set to distances then torque nuts to 80 in-lbs



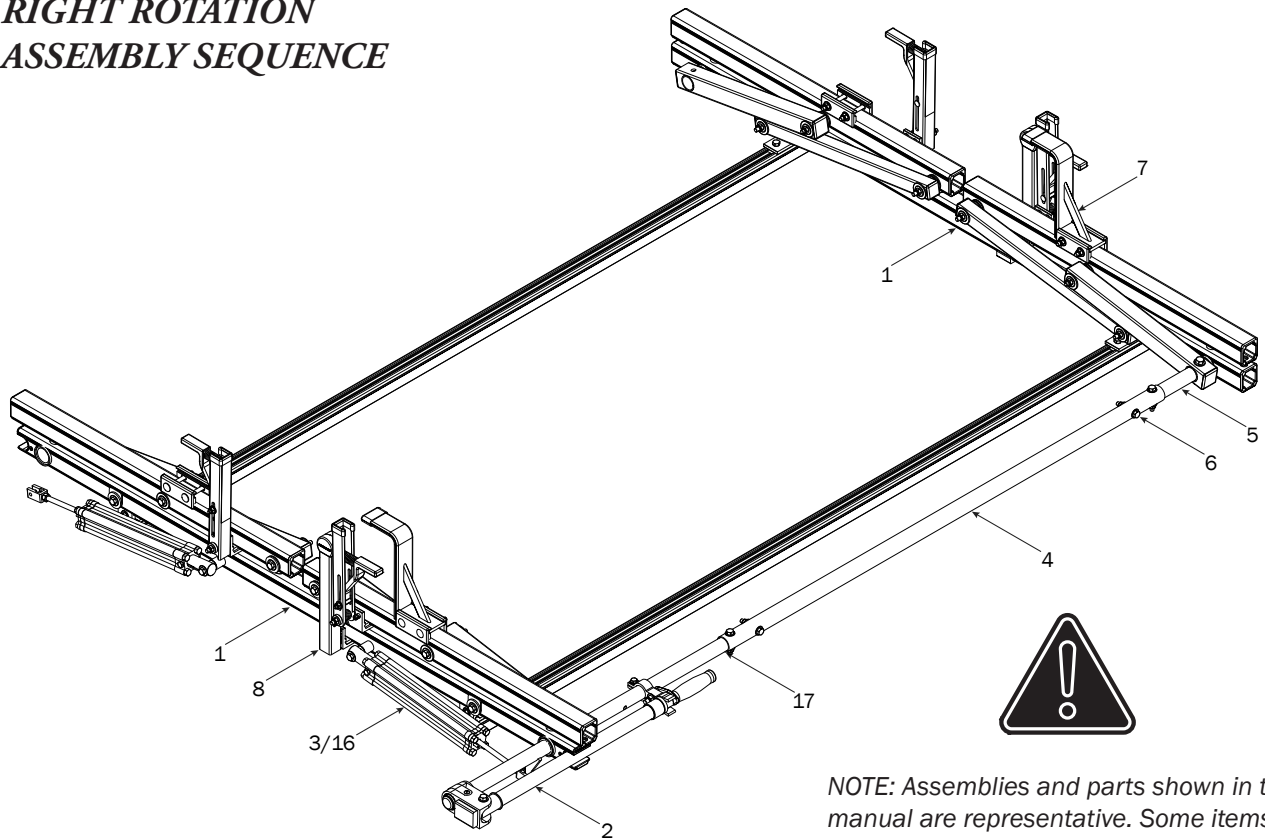
\*Note: Move Channels rearward if marked front distance exceeds 18" (457mm).



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

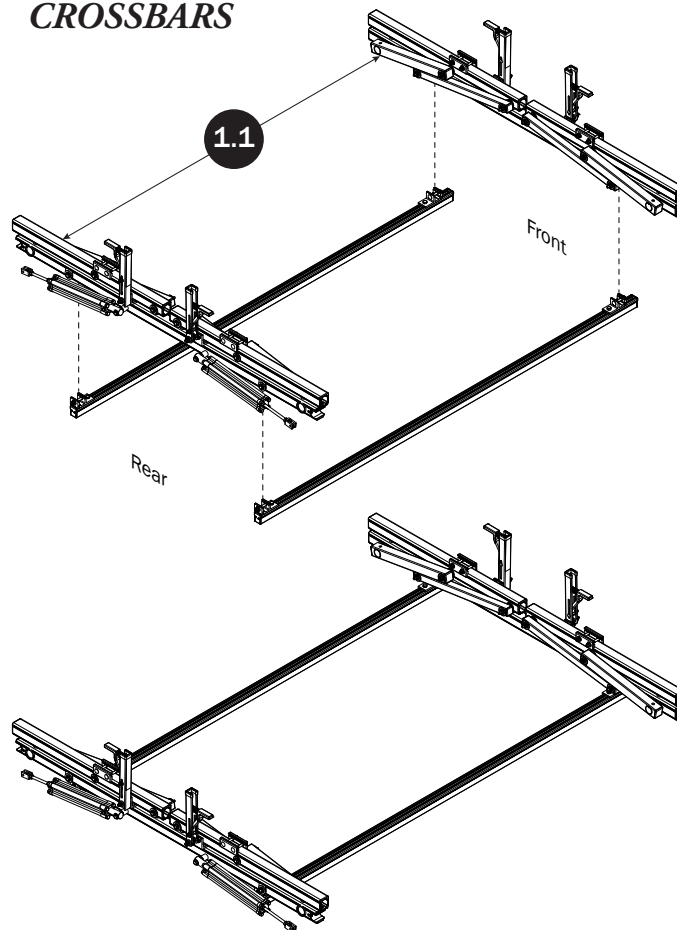


## RIGHT ROTATION ASSEMBLY SEQUENCE

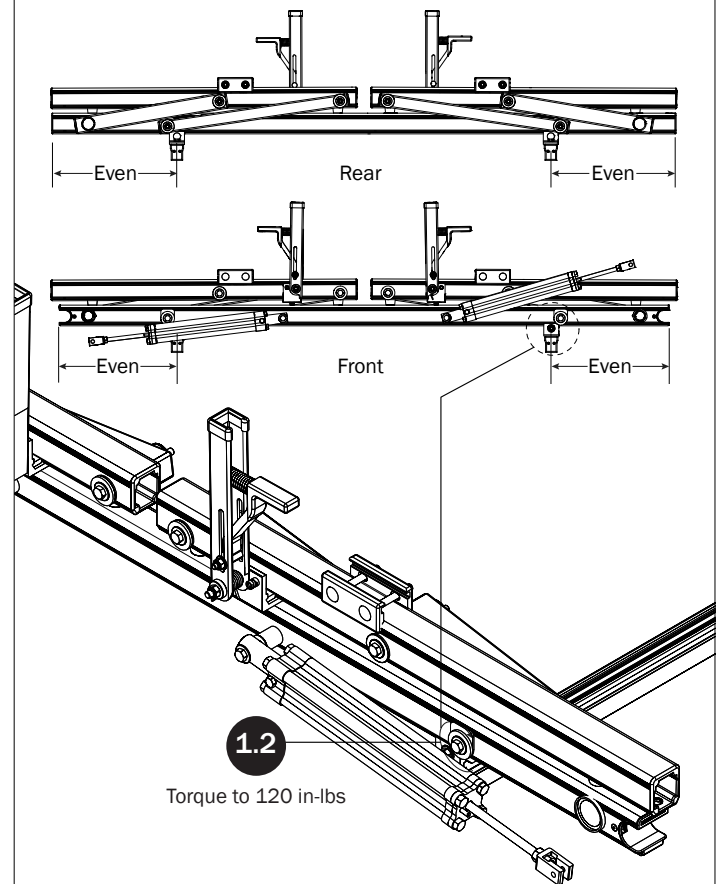


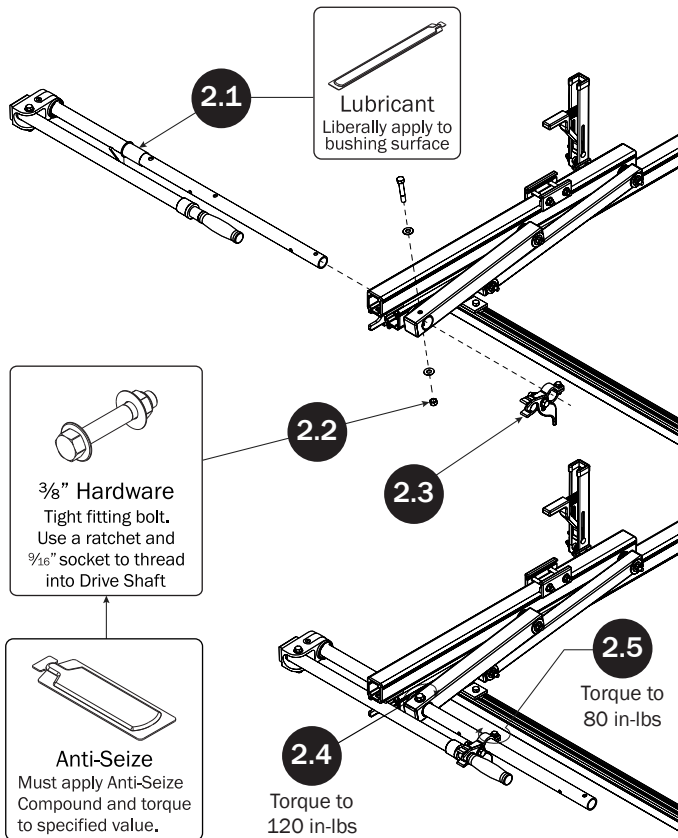
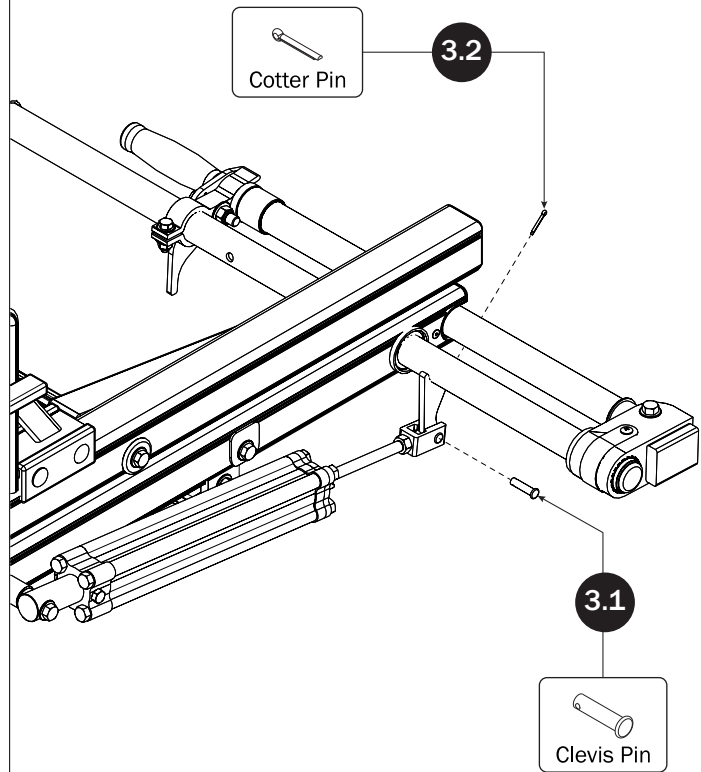
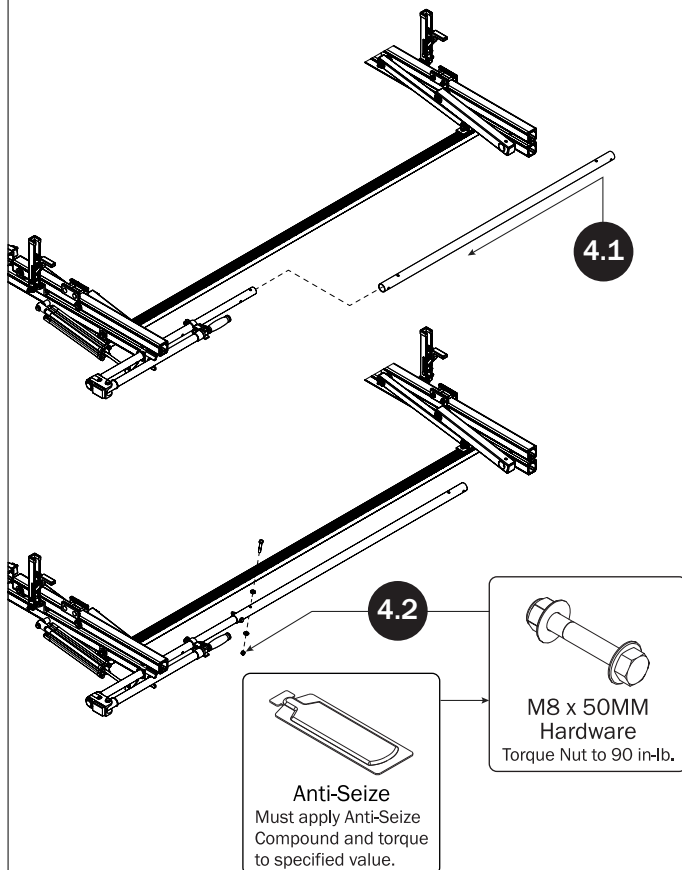
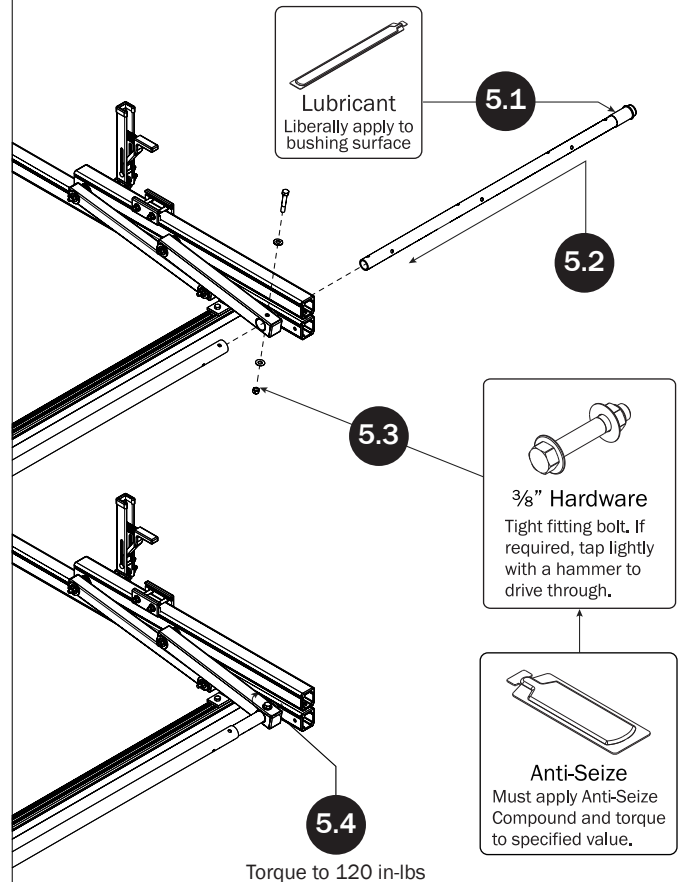
NOTE: Assemblies and parts shown in this manual are representative. Some items may appear different from actual parts, assemblies, or components received.

### CROSSBARS

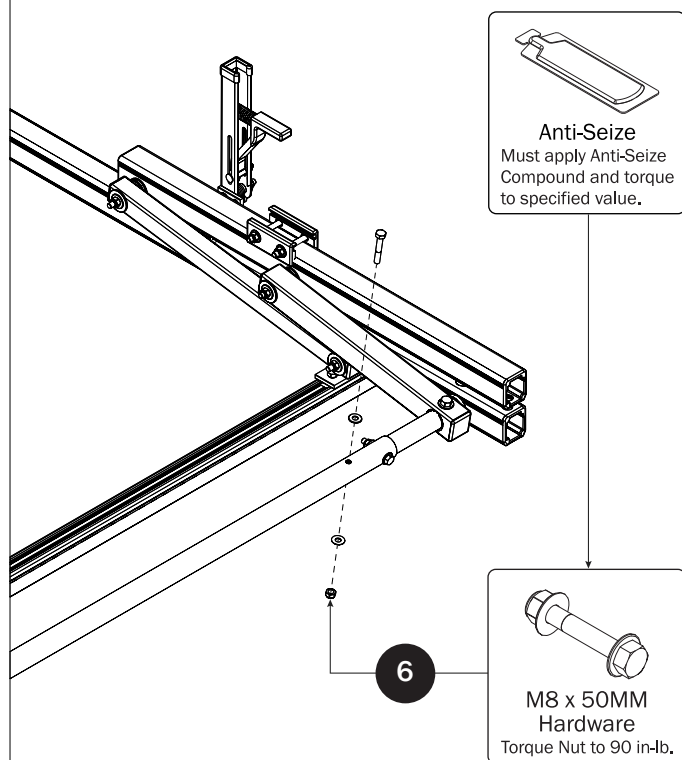


### CROSSBAR ADJUSTMENT

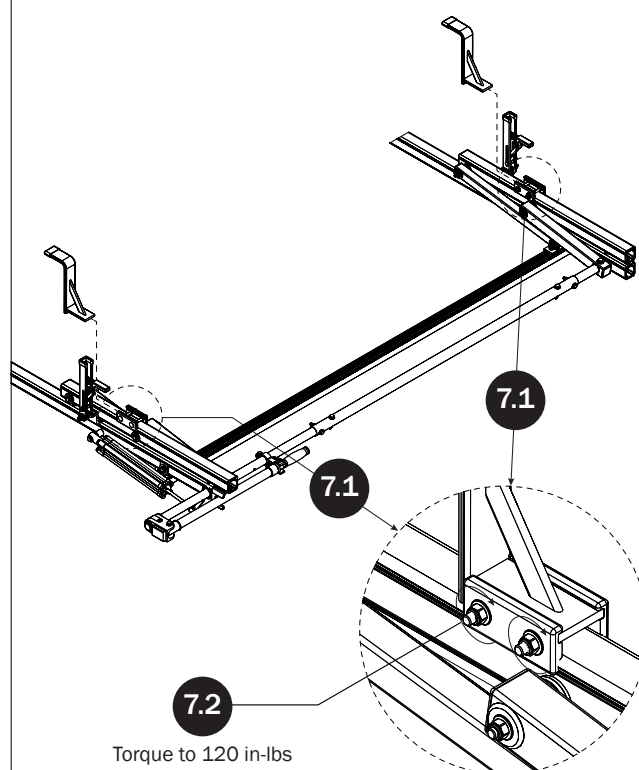


**REAR DRIVE SHAFT****CYLINDER HARDWARE****CONNECTING BAR****FRONT DRIVE SHAFT**

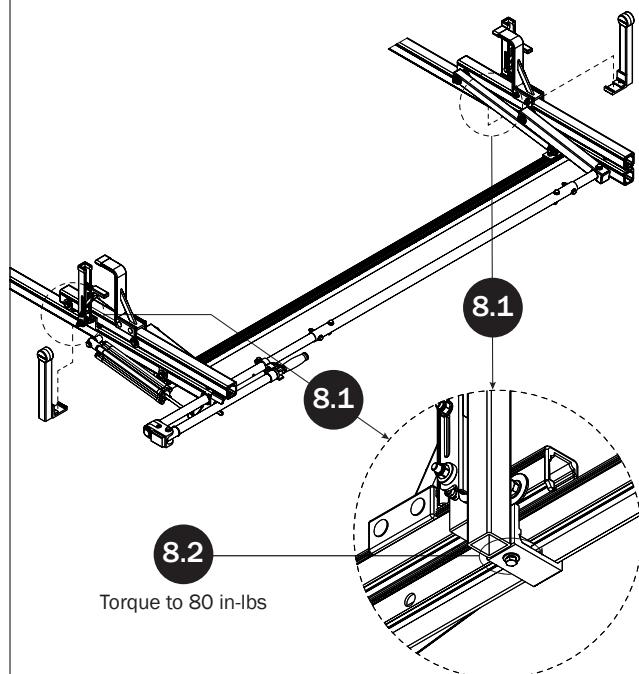


**CONNECTING BAR FASTENERS****Z POSTS**

SEE QUICK START GUIDE FOR ADJUSTMENTS

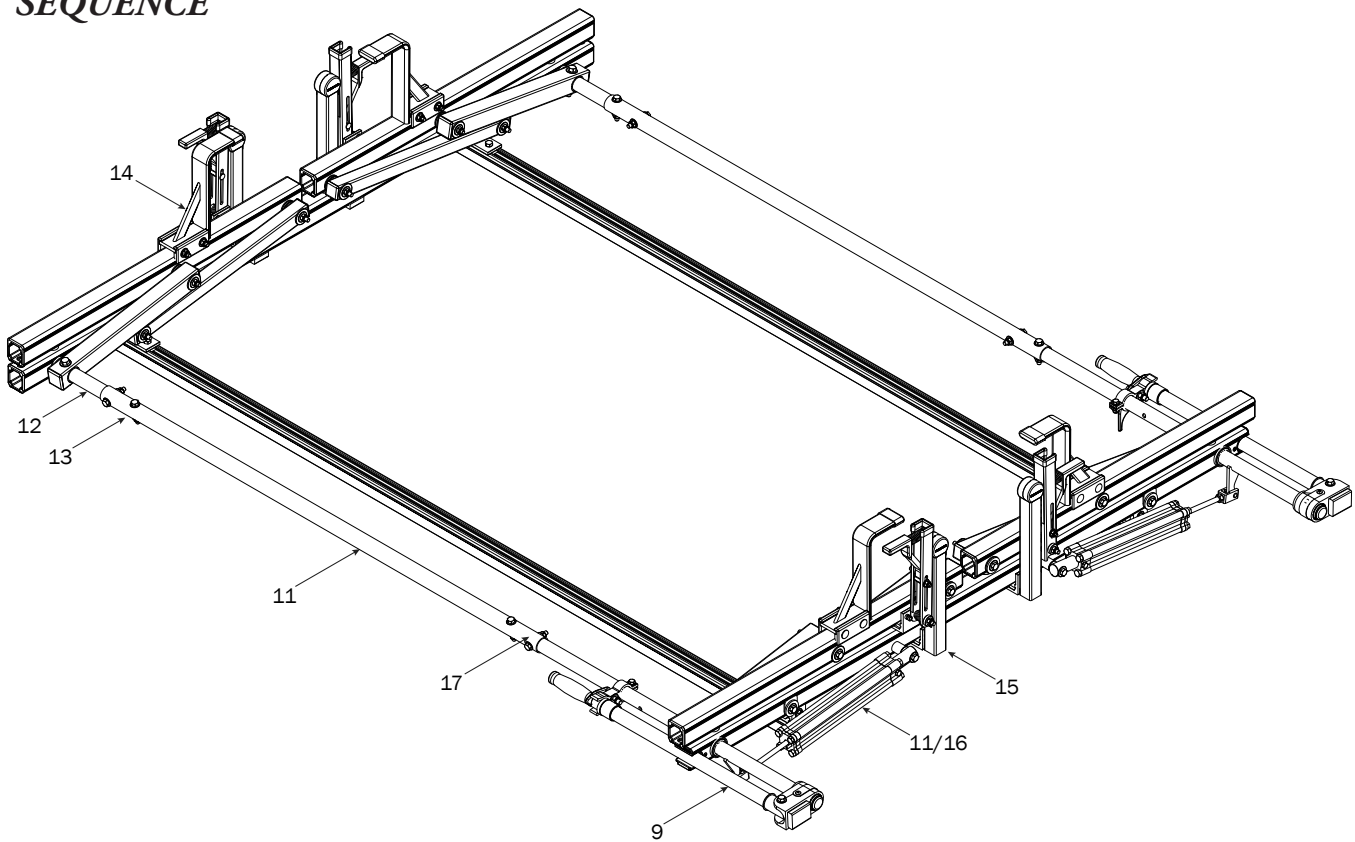
**L POSTS**

SEE QUICK START GUIDE FOR ADJUSTMENTS

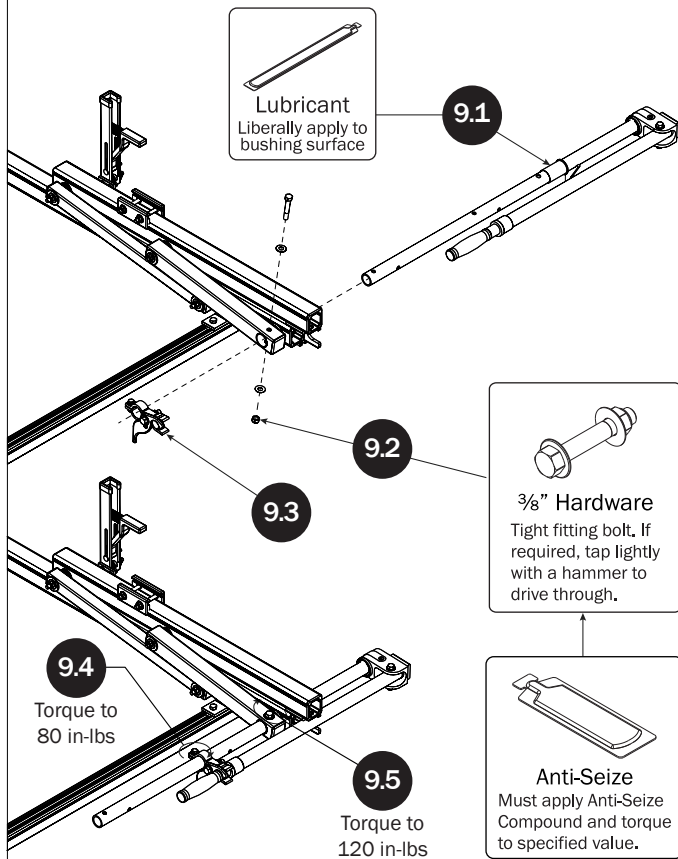




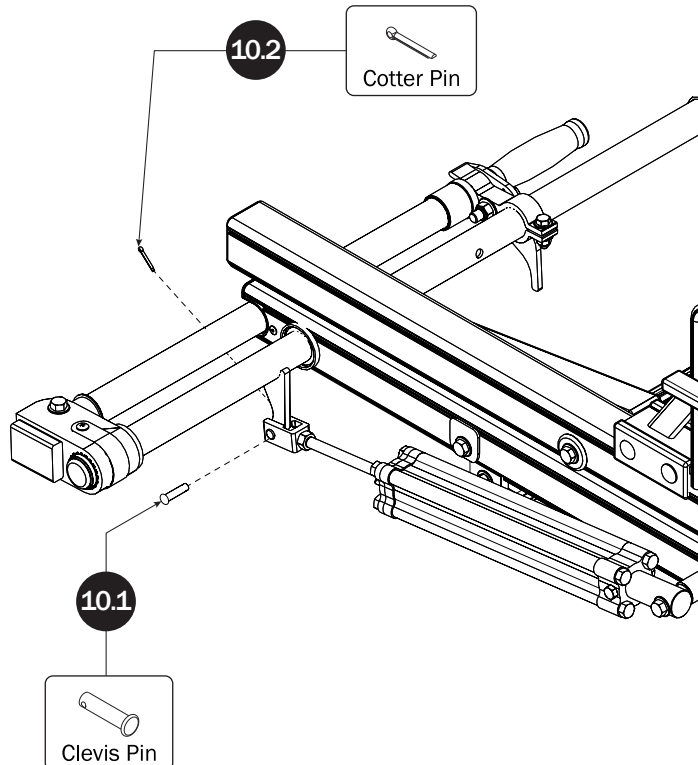
## LEFT ROTATION ASSEMBLY SEQUENCE

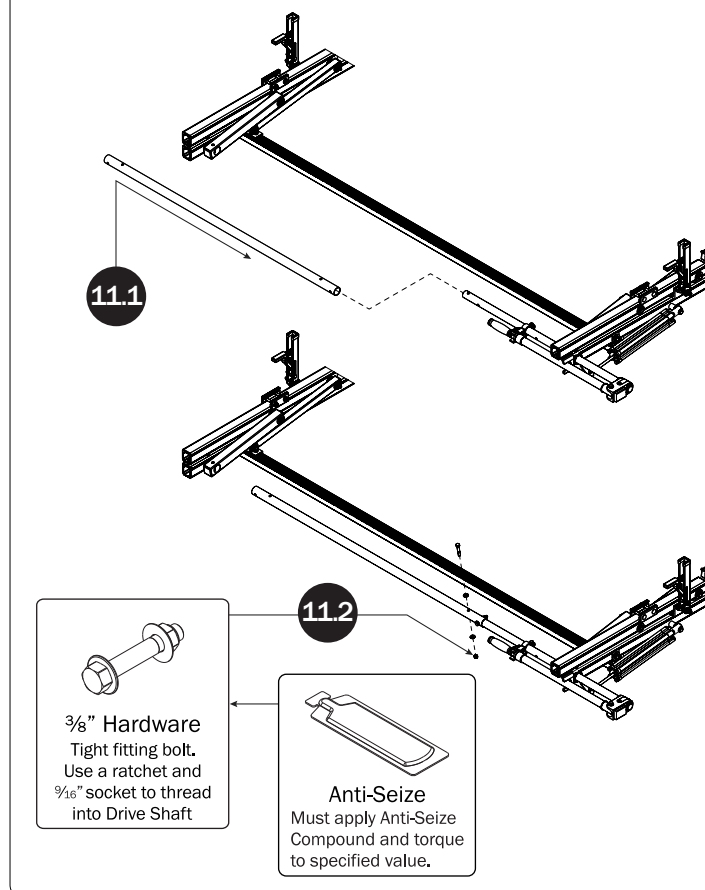
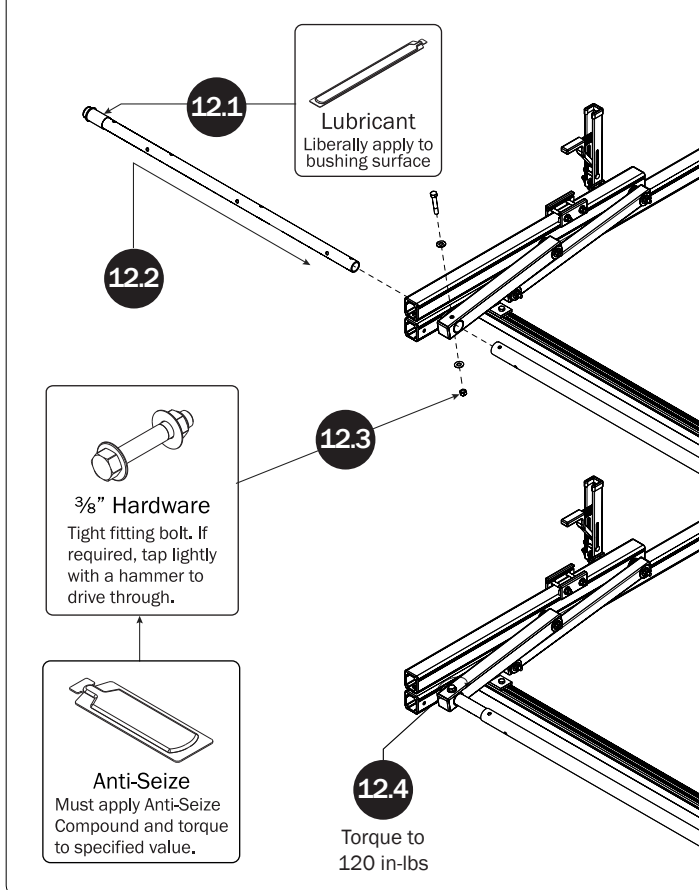
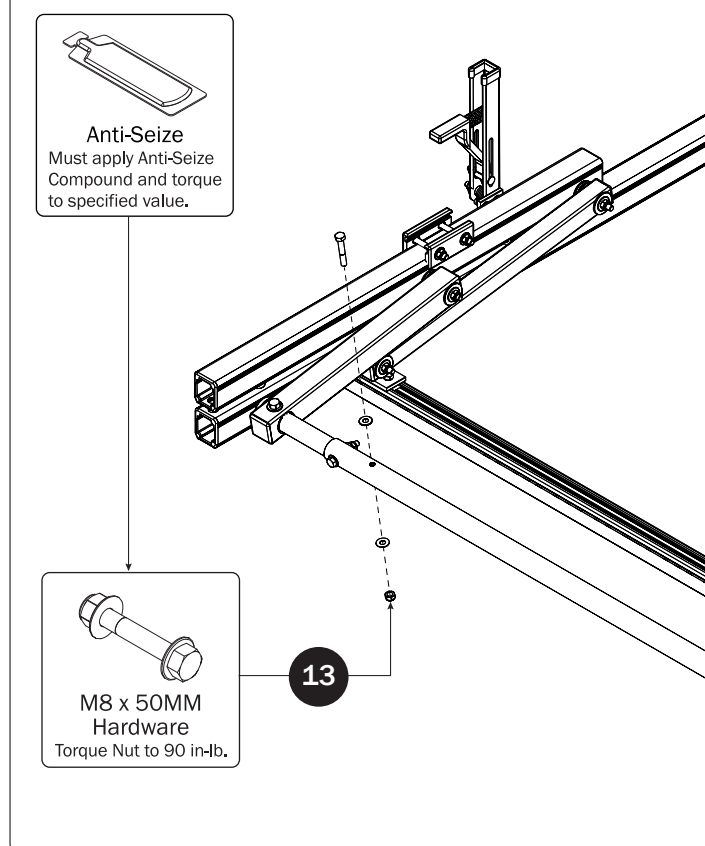


### REAR DRIVE SHAFT

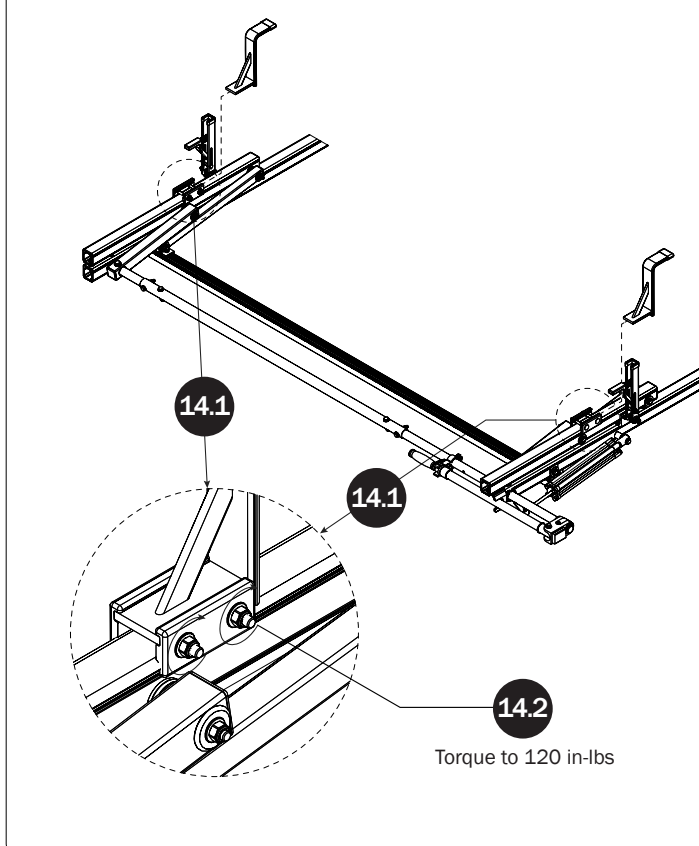


### CYLINDER HARDWARE



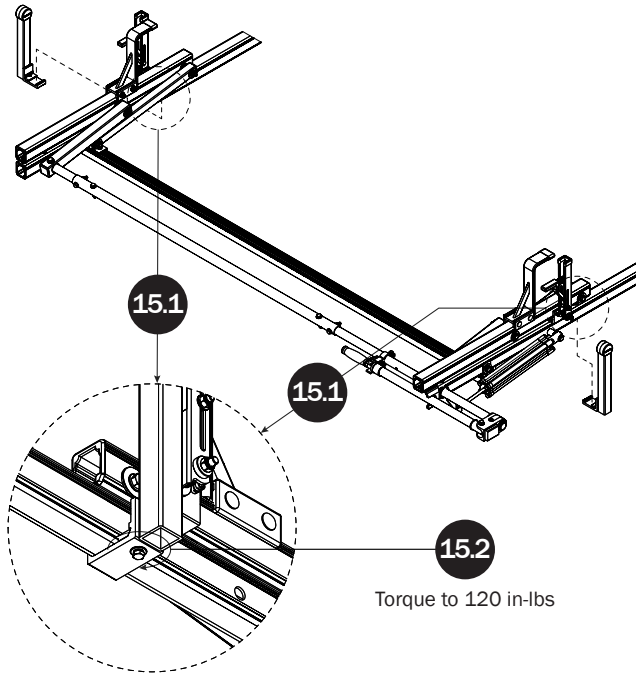
**CONNECTING BAR****FRONT DRIVE SHAFT****CONNECTING BAR FASTENERS****Z POSTS**

SEE QUICK START GUIDE FOR ADJUSTMENTS

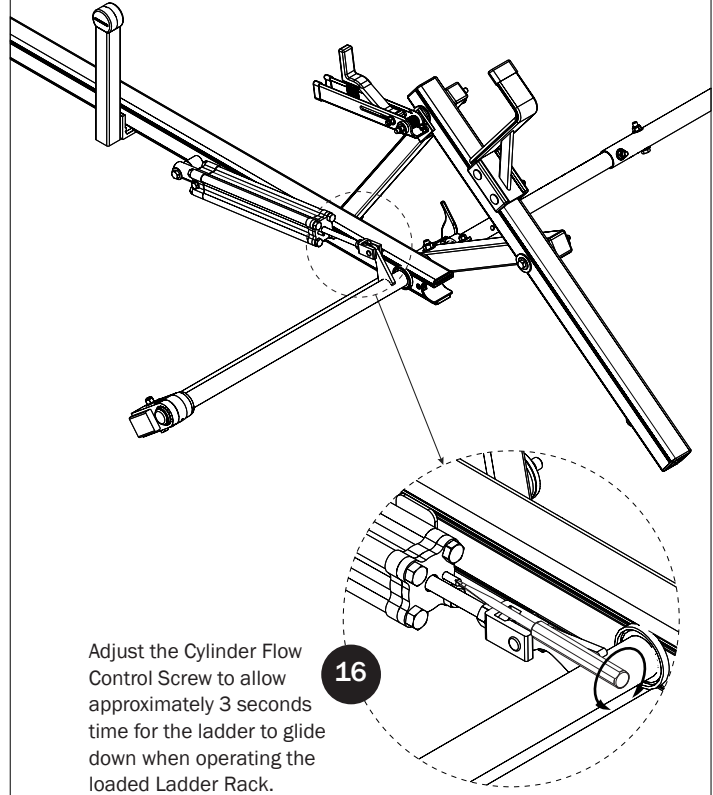


## L POSTS

SEE QUICK START GUIDE FOR ADJUSTMENTS



## CYLINDER ADJUSTMENT



## DRIVE SHAFT SEALING

