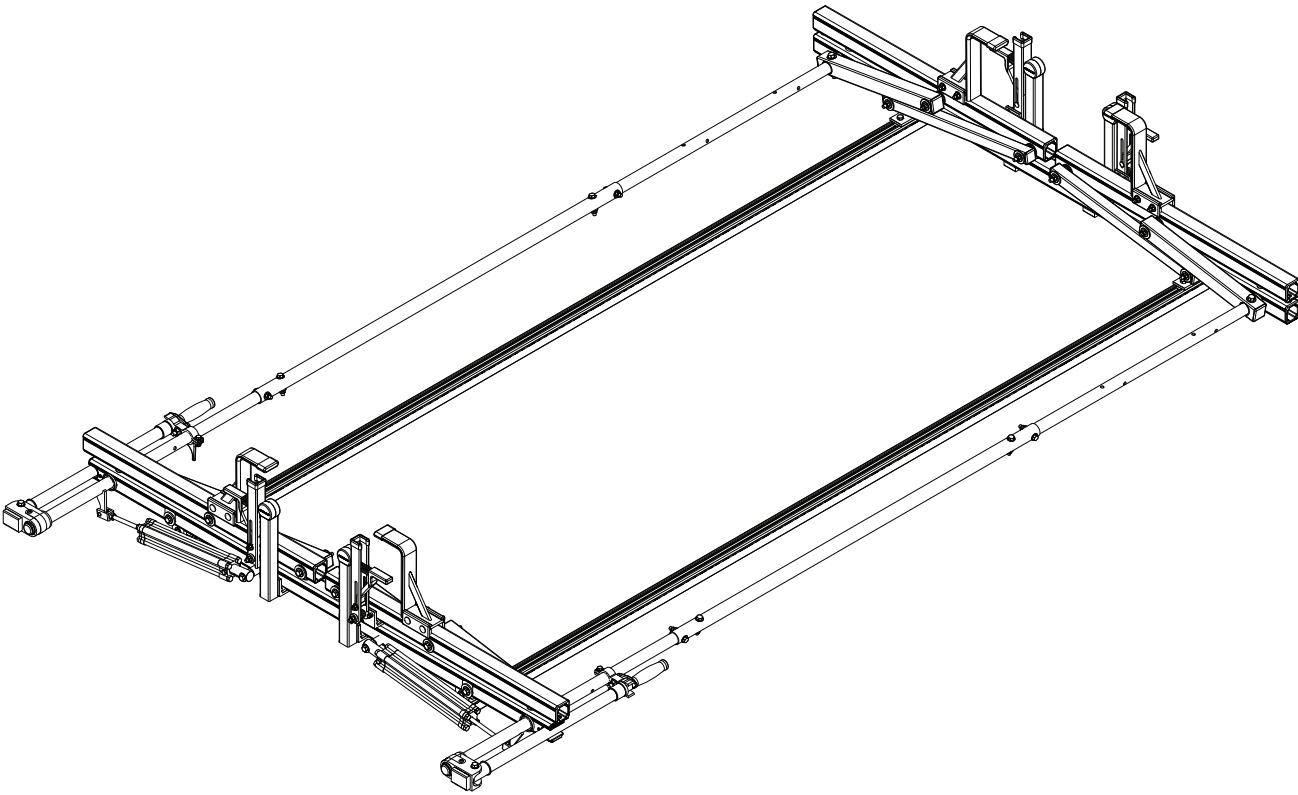


PRIME DESIGN™

A Safe Fleet Brand



PRIME DESIGN, A SAFE FLEET BRAND

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

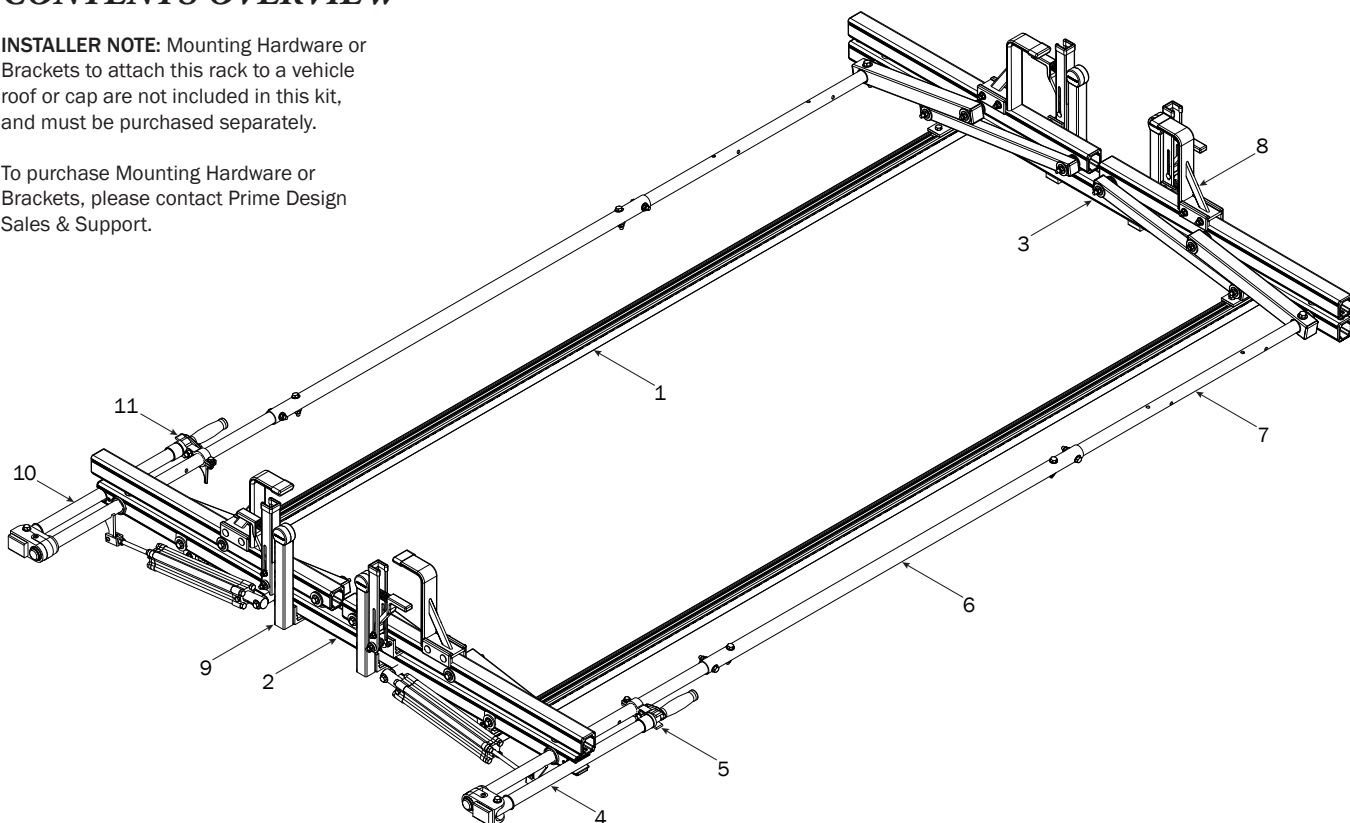
Fax: 651-552-1799 • Email: info@primedesign.net • Website: www.primedesign.net

PRR

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-0002 (Qty 1)
Channels with hardware

Channels (2X)



Screws (8X)

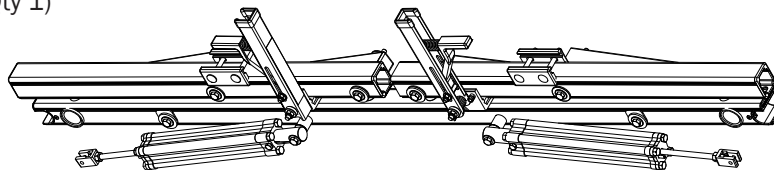


End Caps (4X)

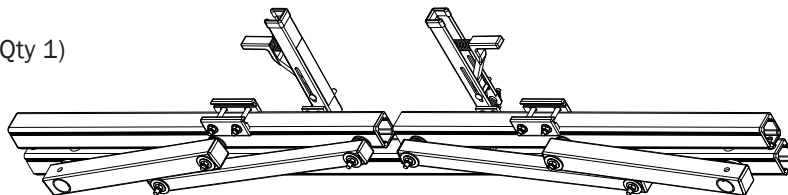


Brackets (4X)

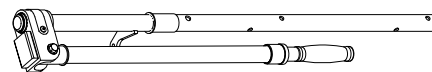
2—Rear Crossbar Assembly..... (Qty 1)



3—Front Crossbar Assembly (Qty 1)



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



5—Handle Latch Assembly (Qty 1)
Right Hand



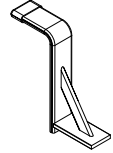
6—Connecting Bar..... (Qty 2)
4.00'



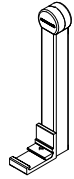
7—Front Drive Shaft..... (Qty 2)
B Version, 35.75"



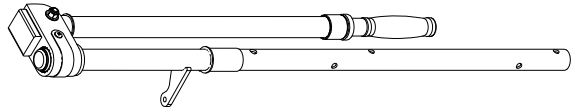
8—Z Post..... (Qty 4)
Adjustable, 7.25"



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



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



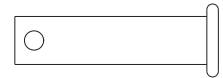
11—Handle Latch Assembly..... (Qty 1)
Left Hand



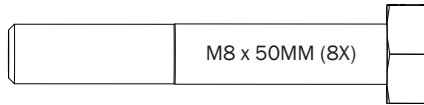
HKT-8162-Rotation Hardware Kit



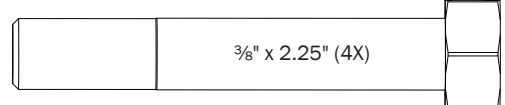
Cotter Pin (2X)



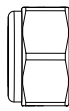
Clevis Pin (2X)



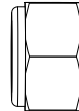
M8 x 50MM (8X)



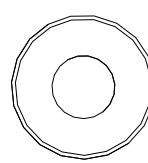
3/8" x 2.25" (4X)



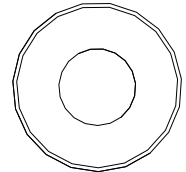
M8 Lock Nut (8X)



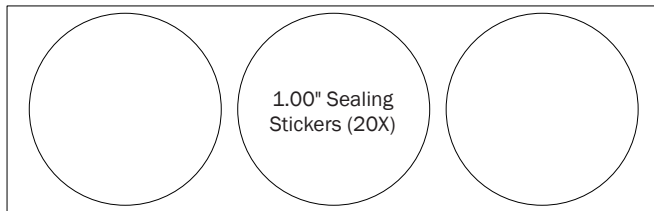
3/8" Lock Nut (4X)



5/16" Flat Washer (16X)



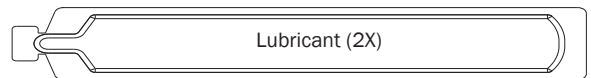
3/8" Flat Washer (8X)



1.00" Sealing
Stickers (20X)

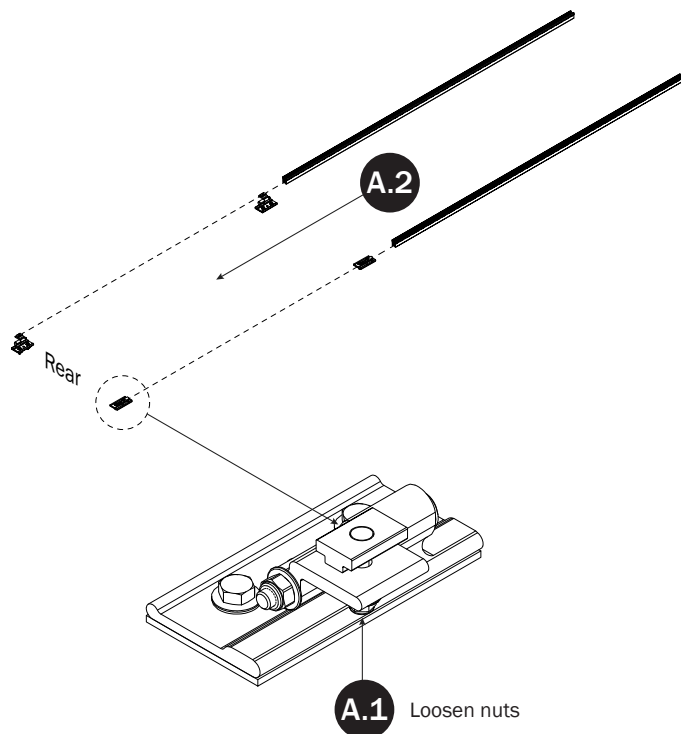


Anti-Seize (2X)

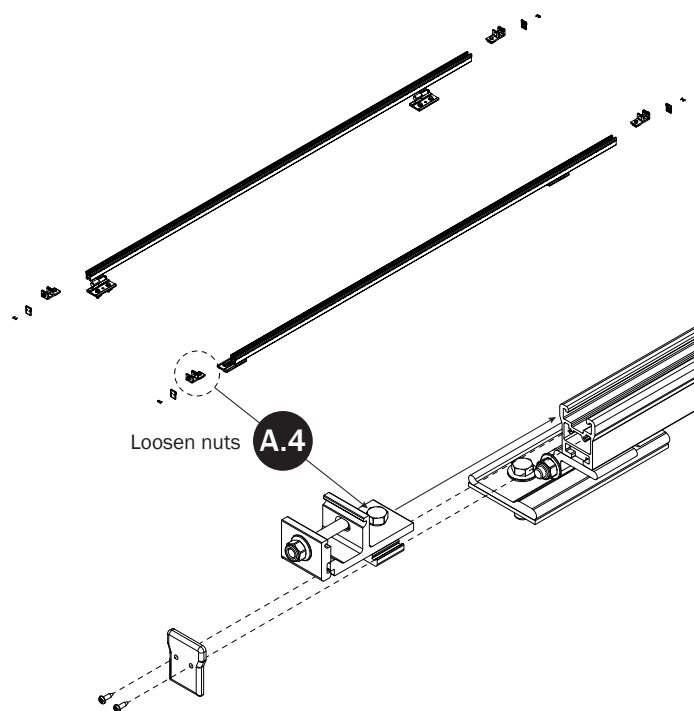
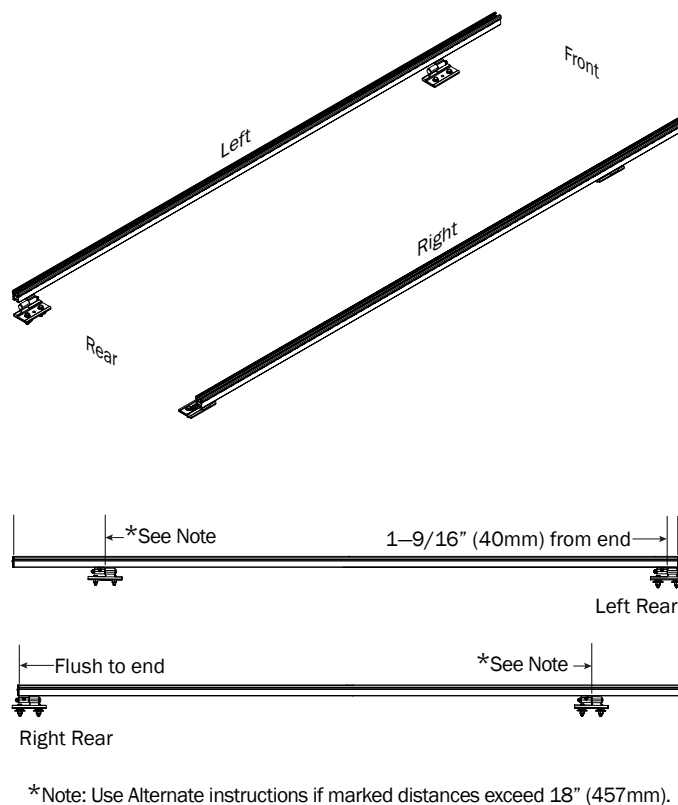


Lubricant (2X)

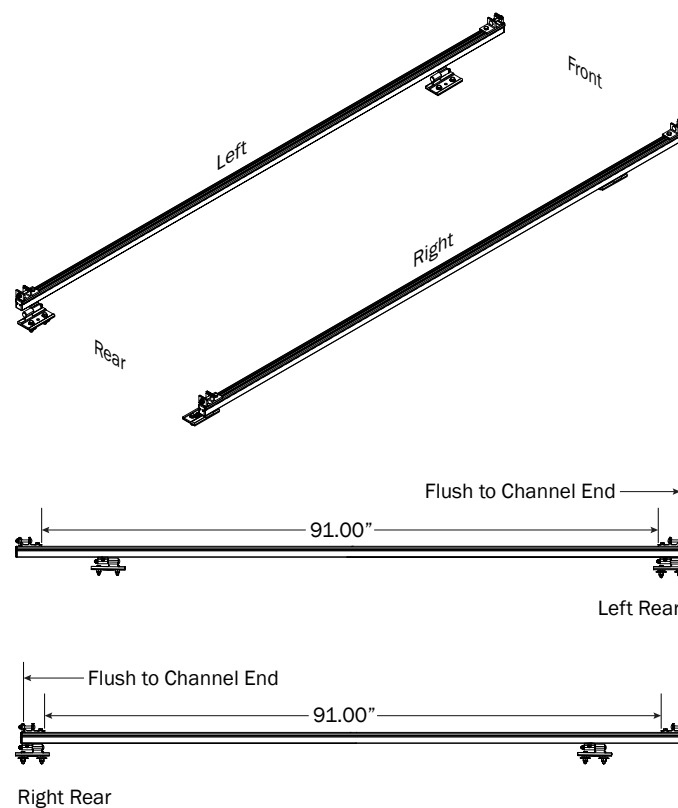
FBM-0002 FLUSH CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS



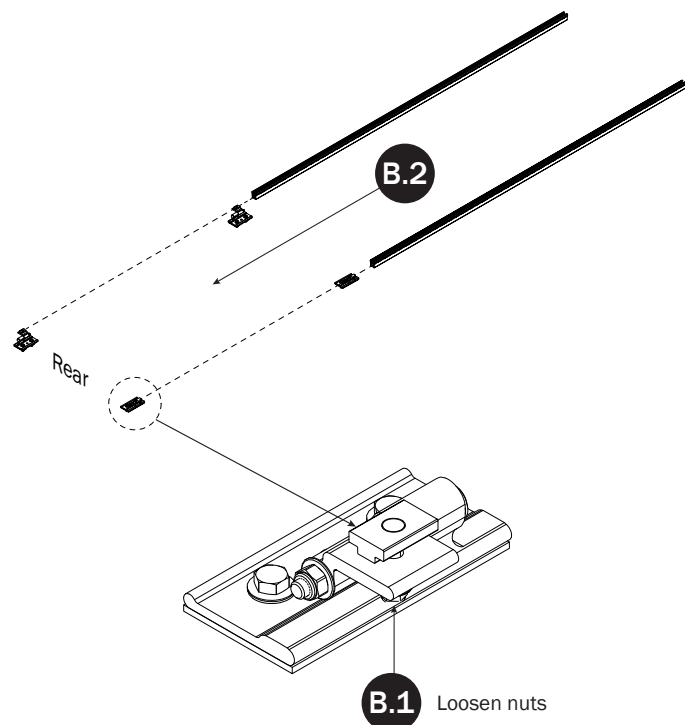
A.3 Set to distances then torque nuts to 80 in-lbs



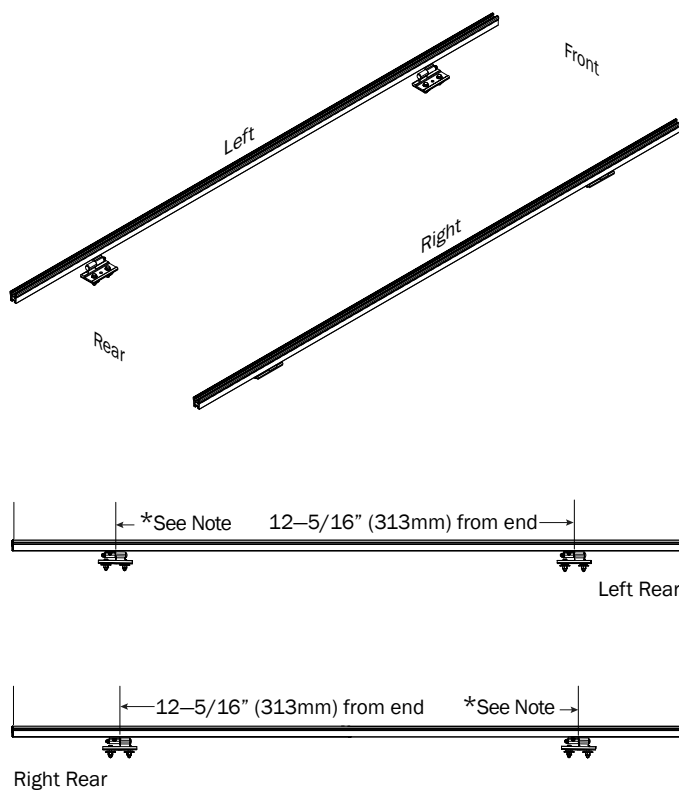
A.5 Set to distances then torque Rear Bracket nuts to 90 in-lbs



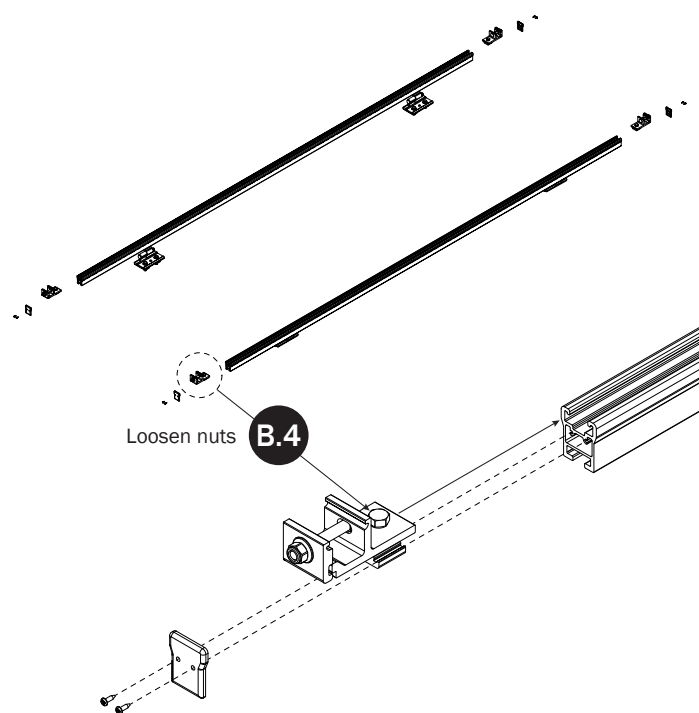
FBM-0002 ALTERNATE CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS



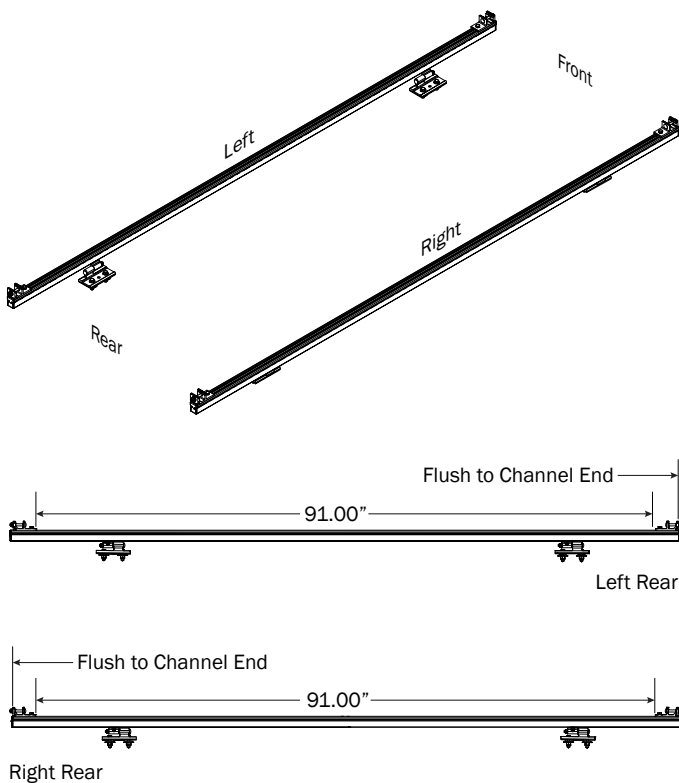
B.3 Set to distances then torque nuts to 80 in-lbs



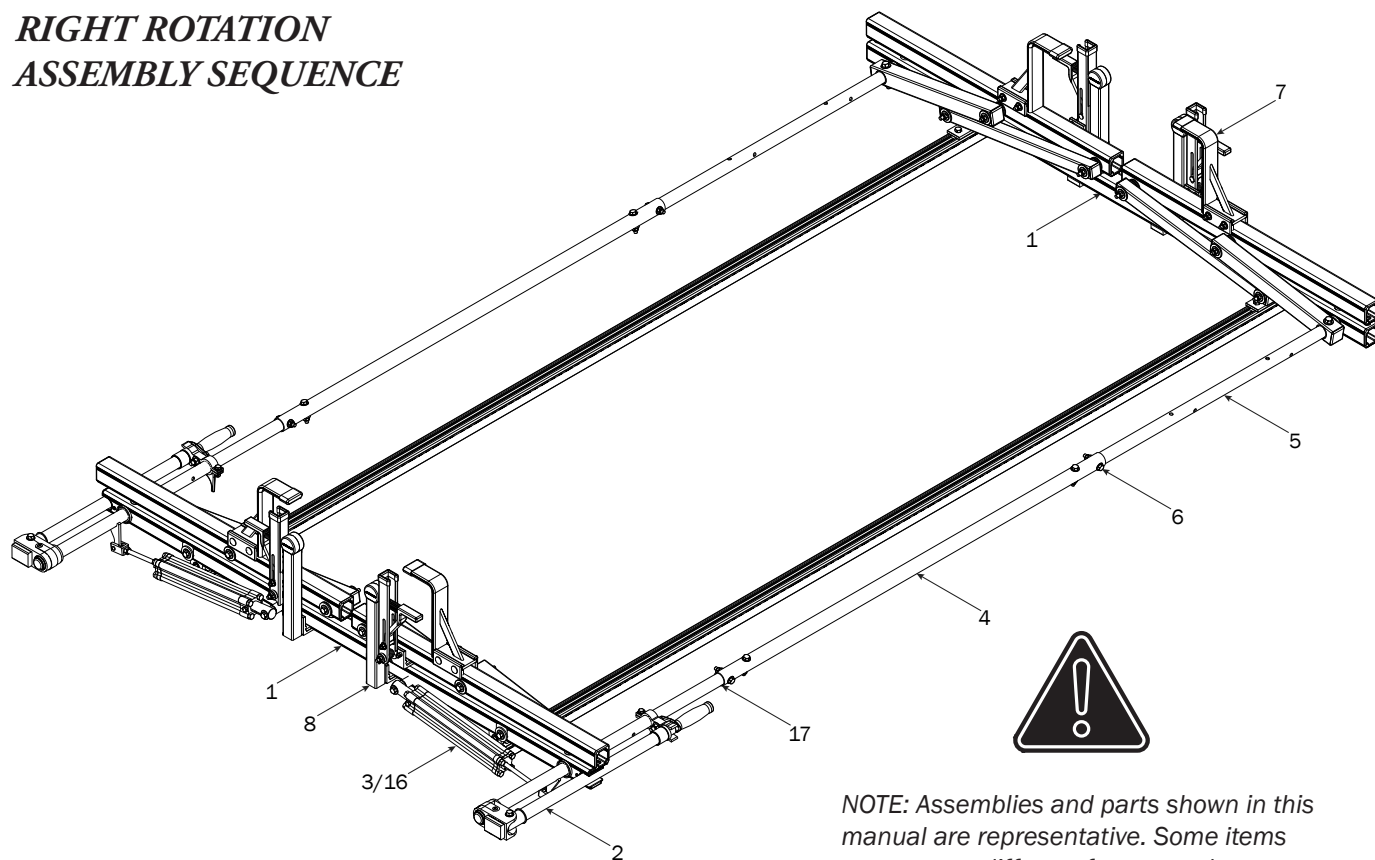
*Note: Move Channels rearward if marked front distance exceeds 18" (457mm).



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

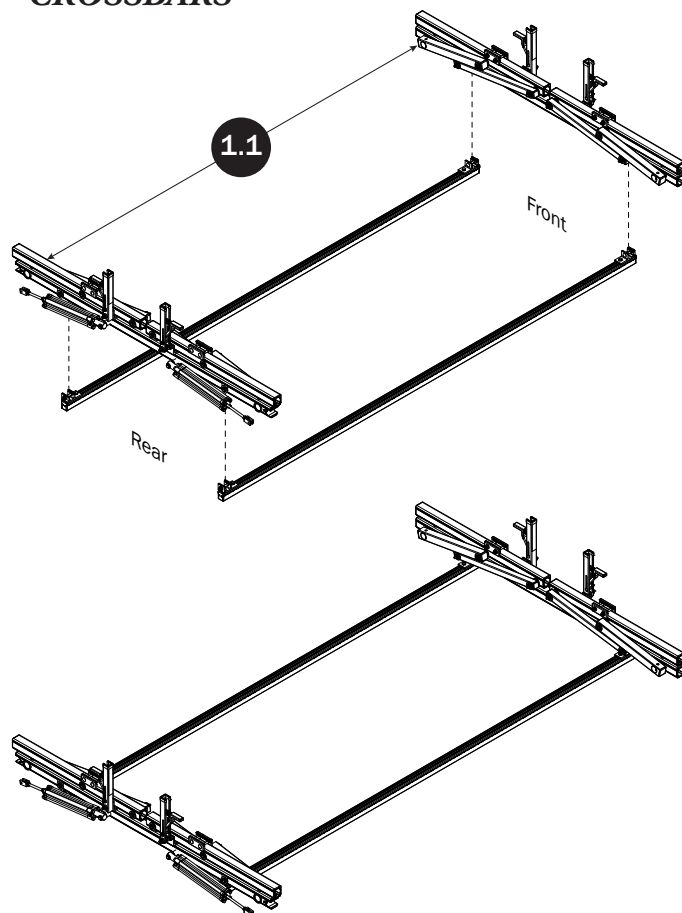


RIGHT ROTATION ASSEMBLY SEQUENCE

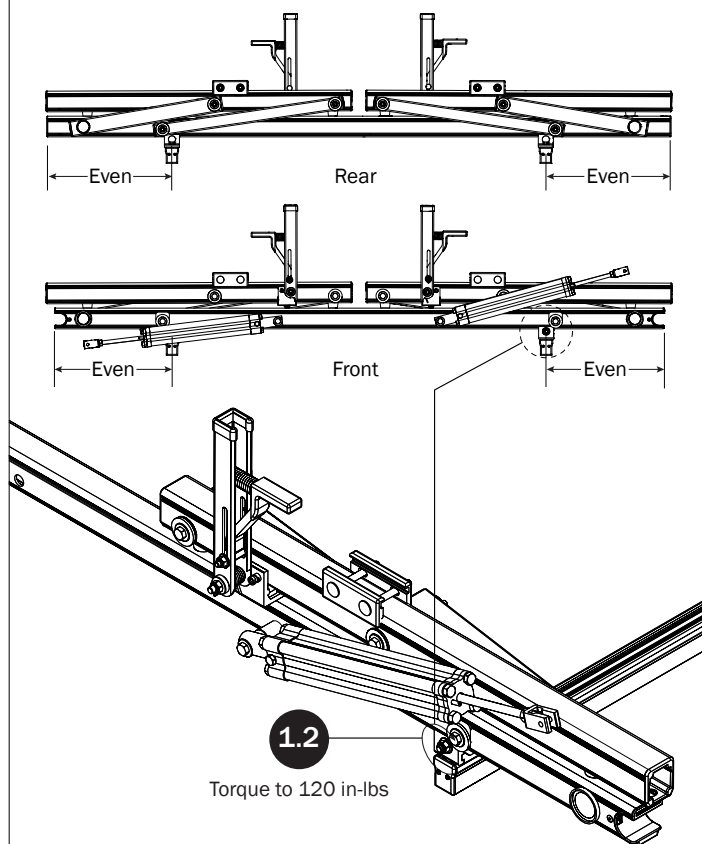


NOTE: Assemblies and parts shown in this manual are representative. Some items may appear different from actual parts, assemblies, or components received.

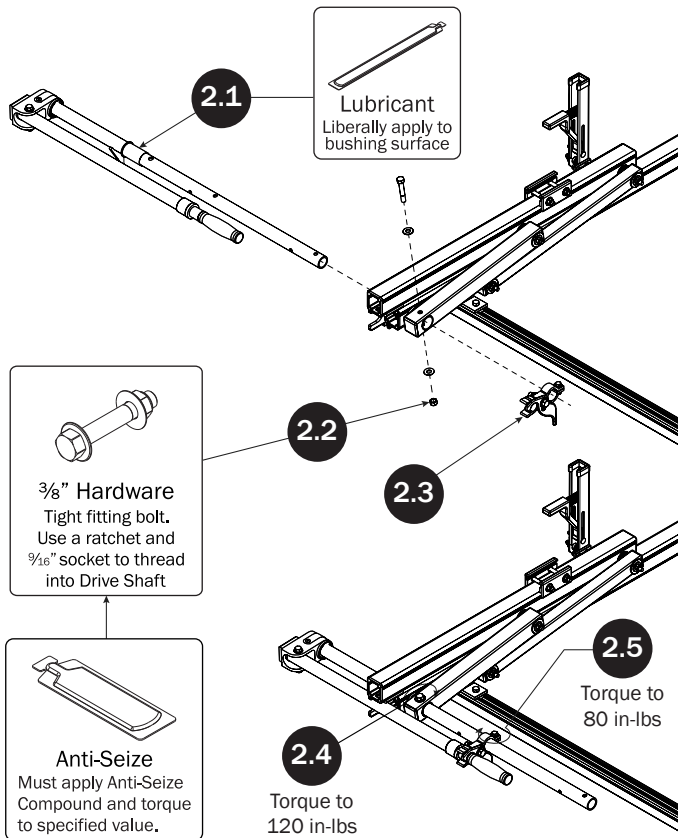
CROSSBARS



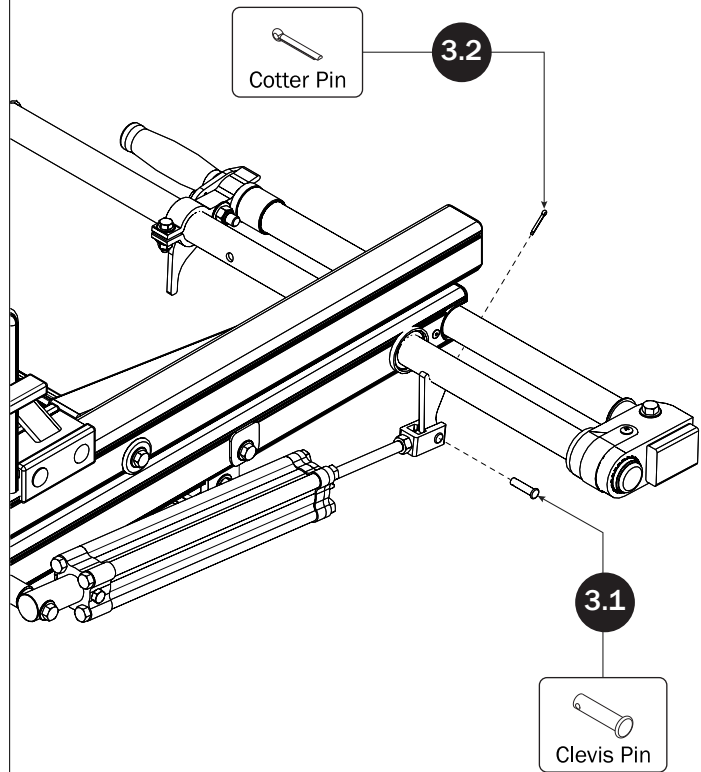
CROSSBAR ADJUSTMENT



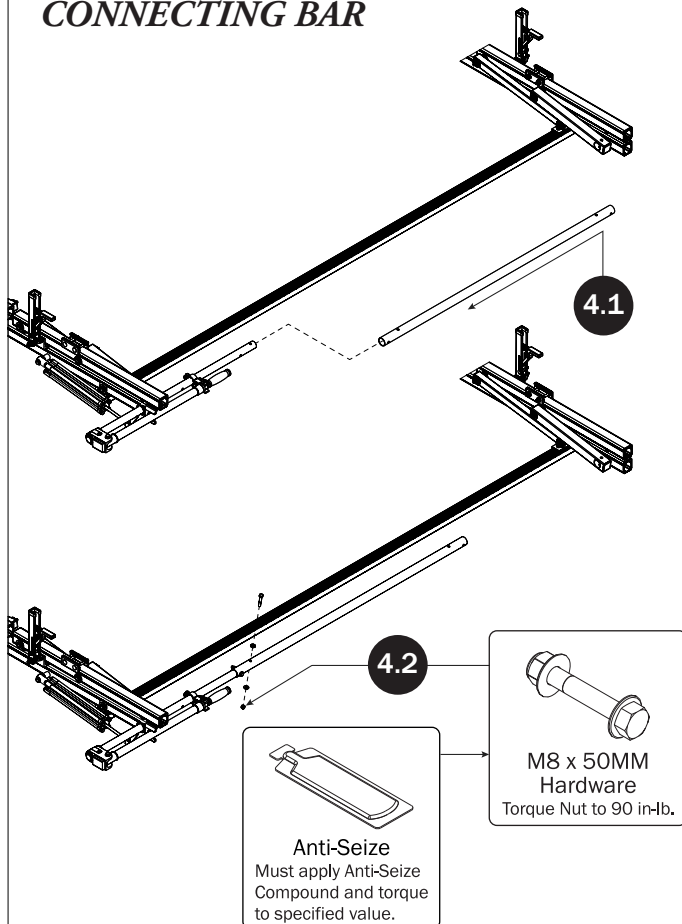
REAR DRIVE SHAFT



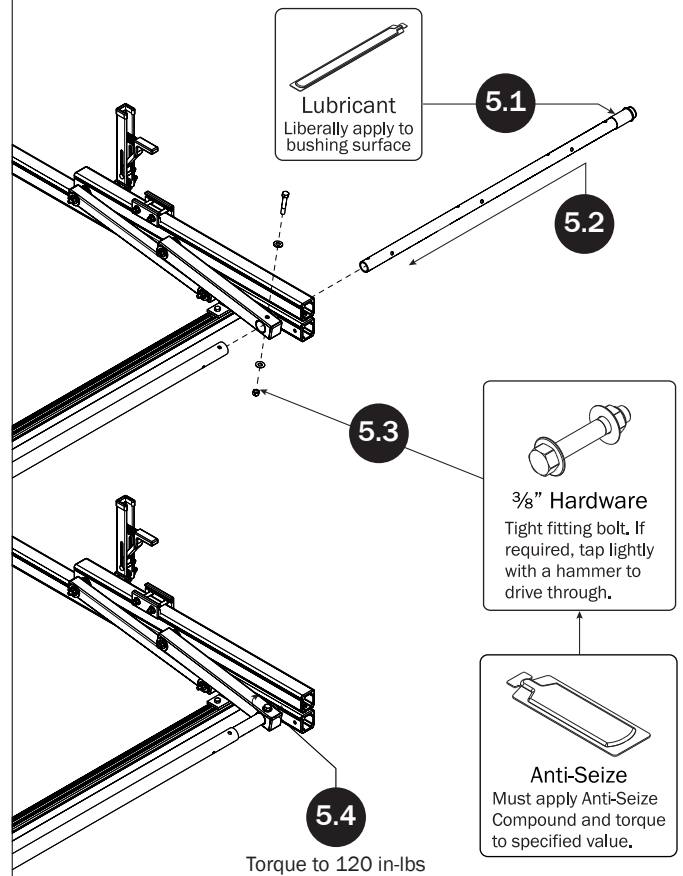
CYLINDER HARDWARE

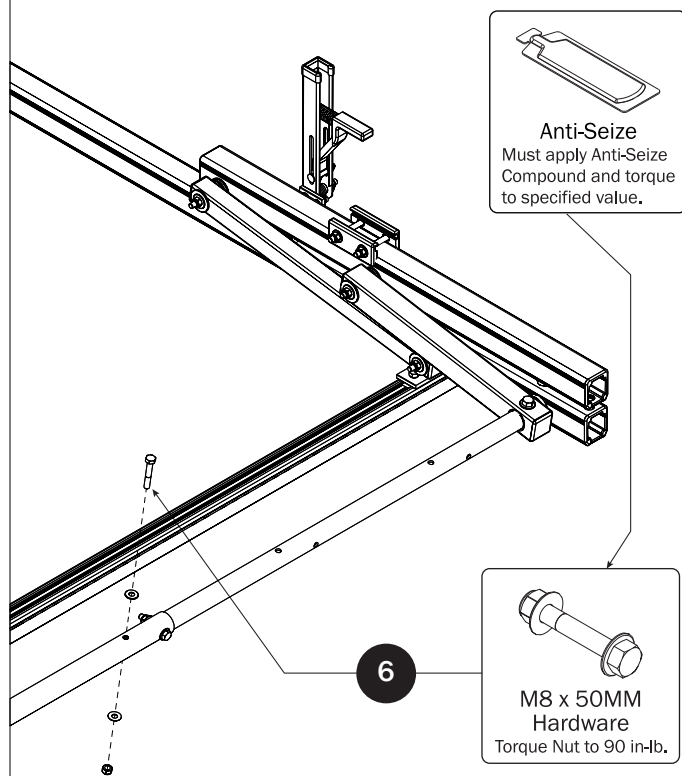


CONNECTING BAR

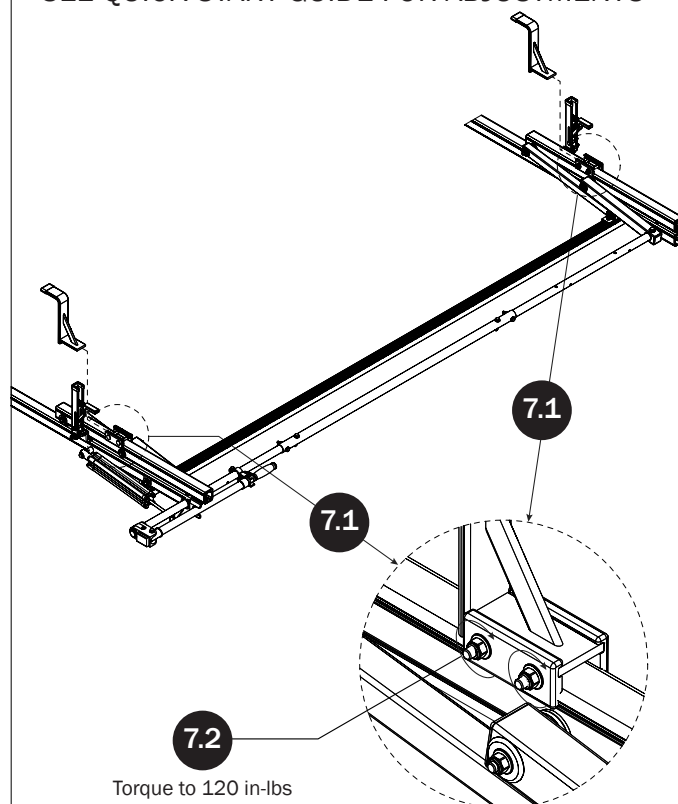


FRONT DRIVE SHAFT

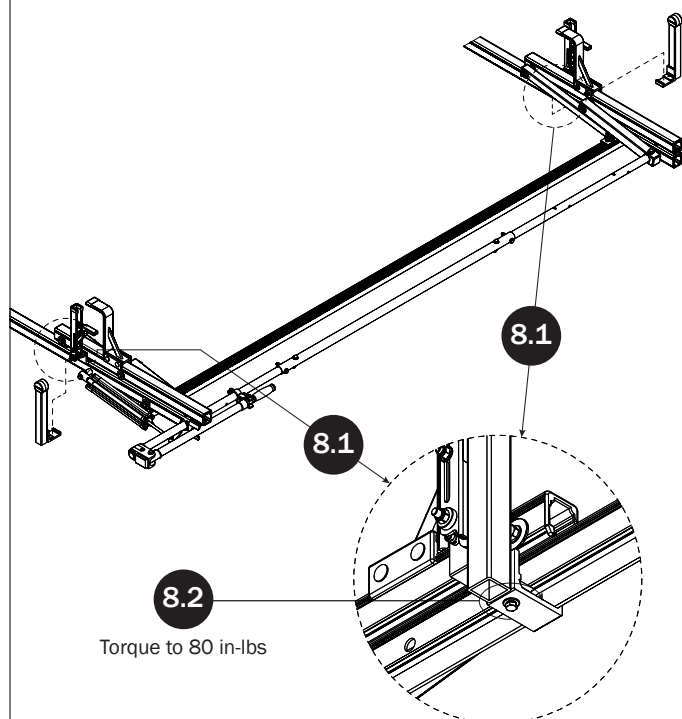


CONNECTING BAR FASTENERS**Z POSTS**

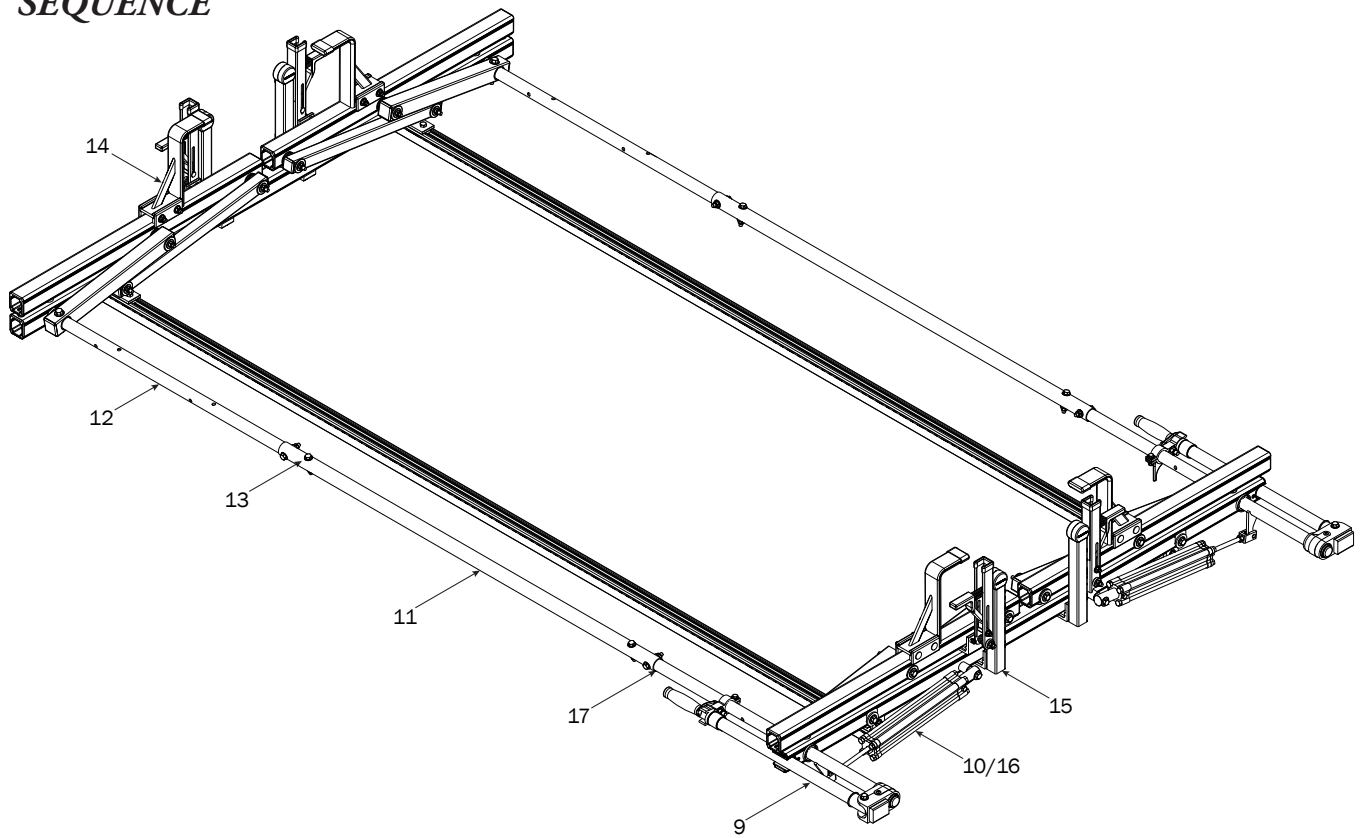
SEE QUICK START GUIDE FOR ADJUSTMENTS

**L POSTS**

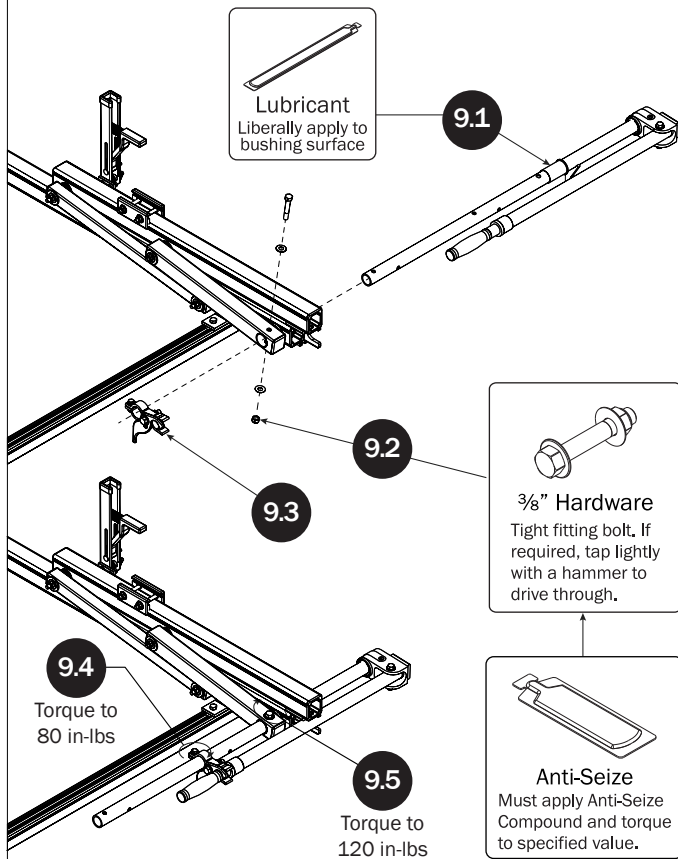
SEE QUICK START GUIDE FOR ADJUSTMENTS



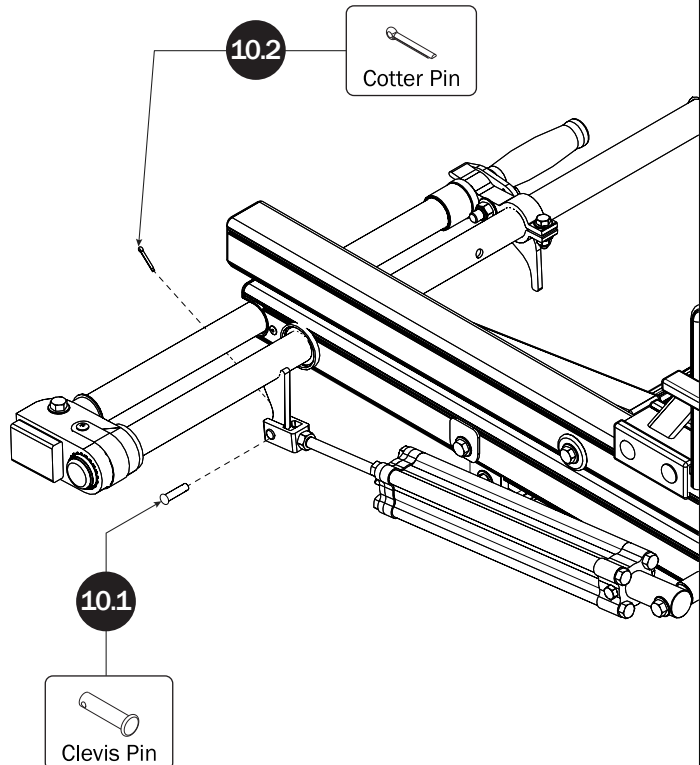
LEFT ROTATION ASSEMBLY SEQUENCE

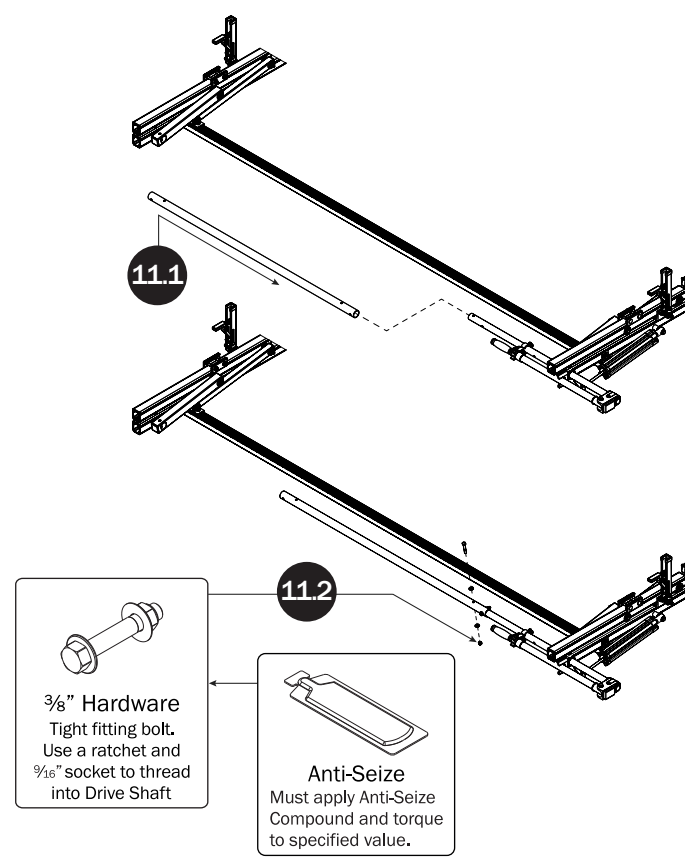
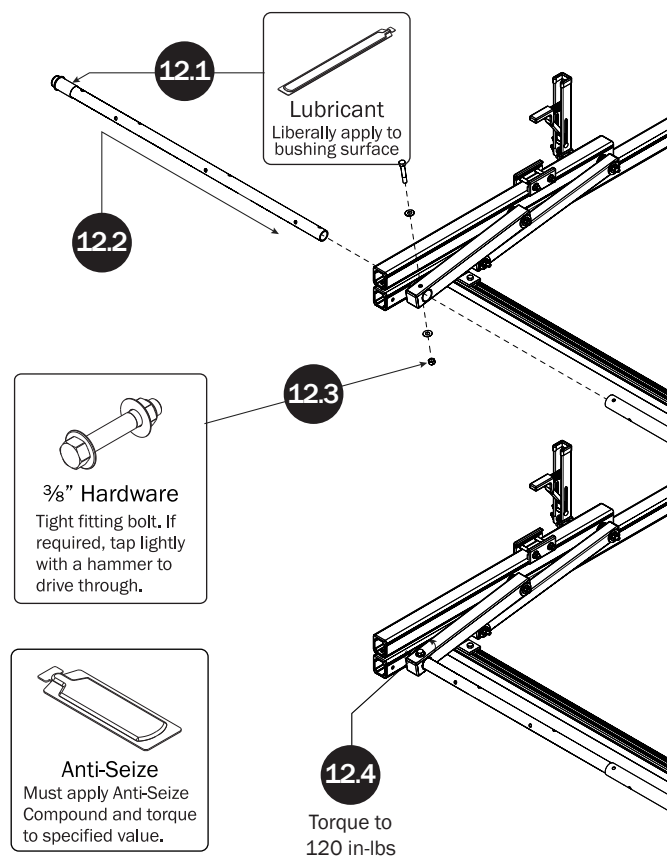
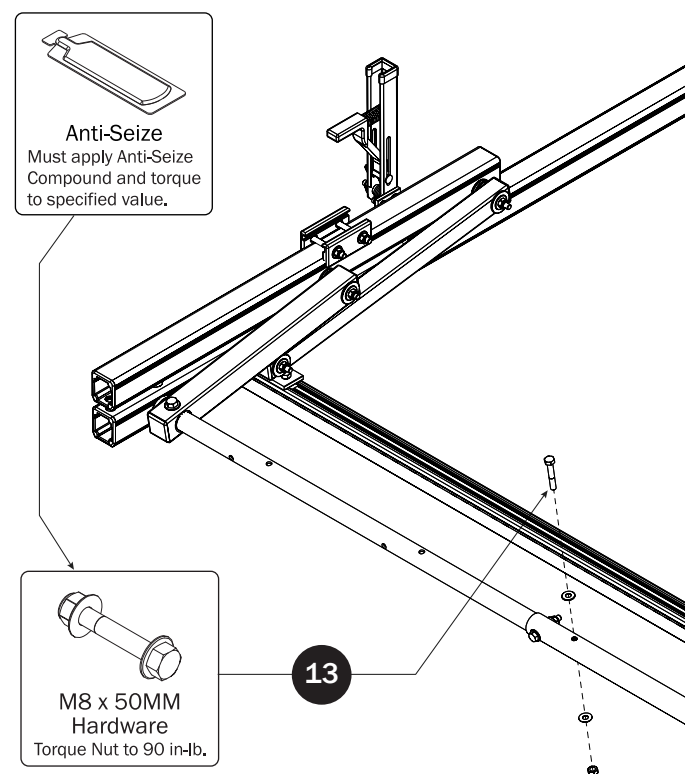


REAR DRIVE SHAFT

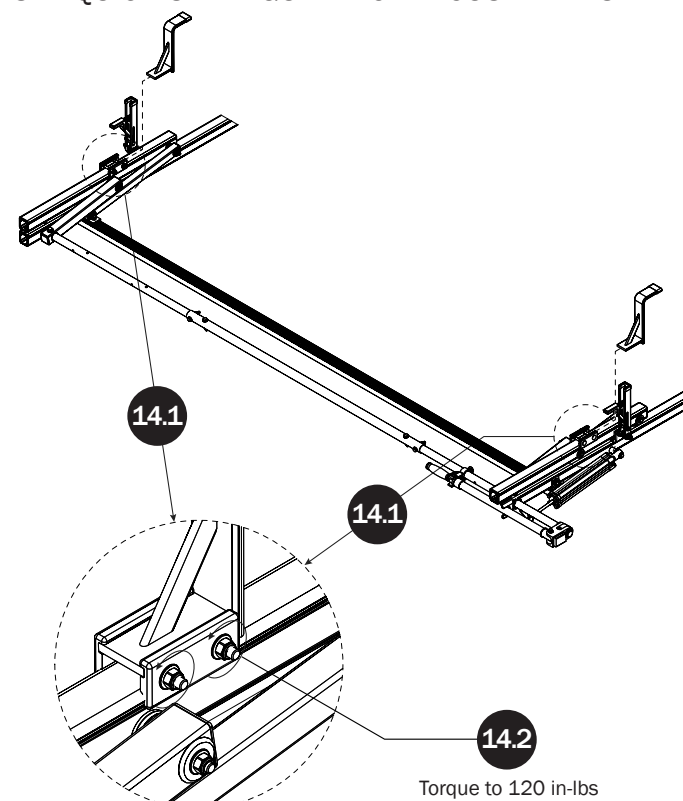


CYLINDER HARDWARE

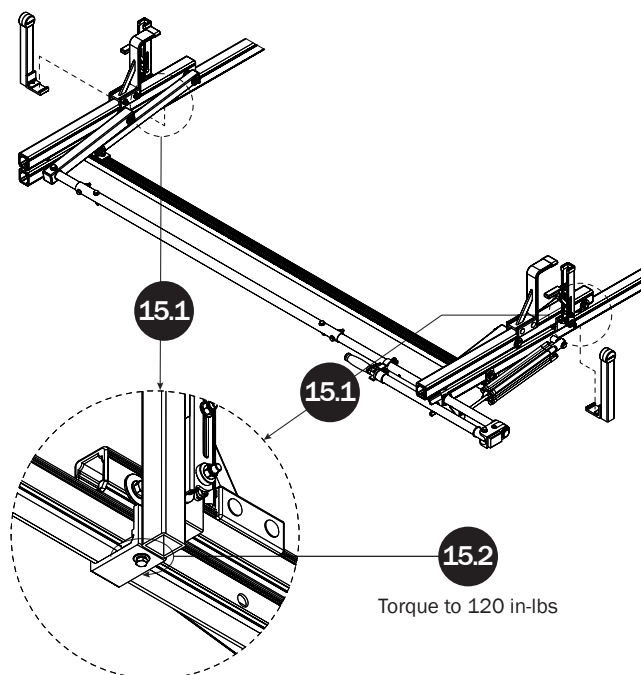


CONNECTING BAR**FRONT DRIVE SHAFT****CONNECTING BAR FASTENERS****Z POSTS**

SEE QUICK START GUIDE FOR ADJUSTMENTS



SEE QUICK START GUIDE FOR ADJUSTMENTS



Adjust the Cylinder Flow Control Screw to allow approximately 3 seconds time for the ladder to glide down when operating the loaded Ladder Rack.

DRIVE SHAFT SEALING

The diagram illustrates the process of sealing the drive shafts on a vehicle chassis. It shows the chassis rails, crossmembers, and drive shafts. Key components and steps are labeled:

- Sealing Stickers:** Two callouts show the application of three circular stickers to the drive shafts.
- 17.1:** This label points to the application of sealant to the ends of the connecting bars.
- 17.2:** This label points to the application of sealant to the ends of the connecting bars.
- Apply Silicone Sealant to the Connecting Bar ends:** This text is located near the 17.2 callout.

