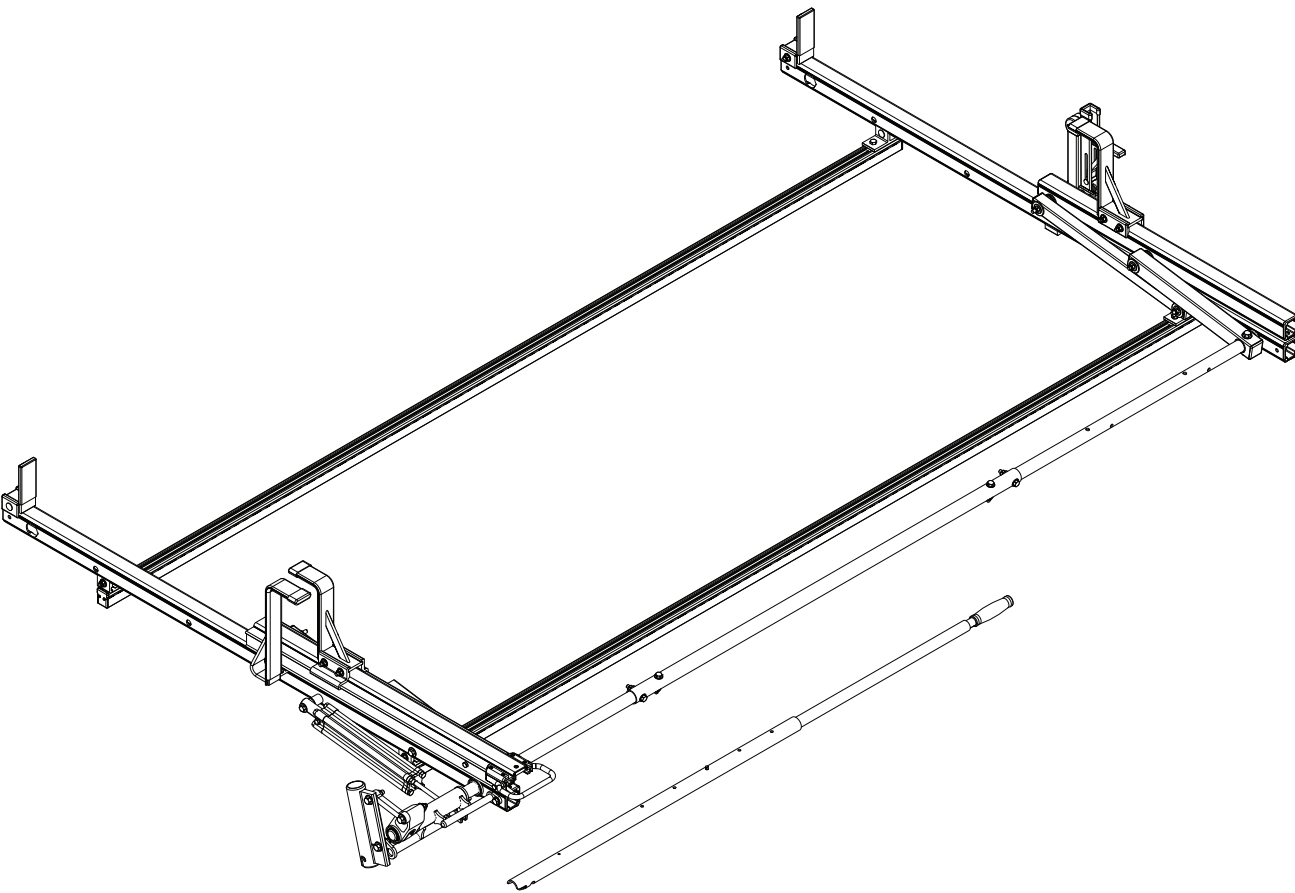


PRIME DESIGN™

A Safe Fleet Brand



HBR-E

PRIME DESIGN, A SAFE FLEET BRAND

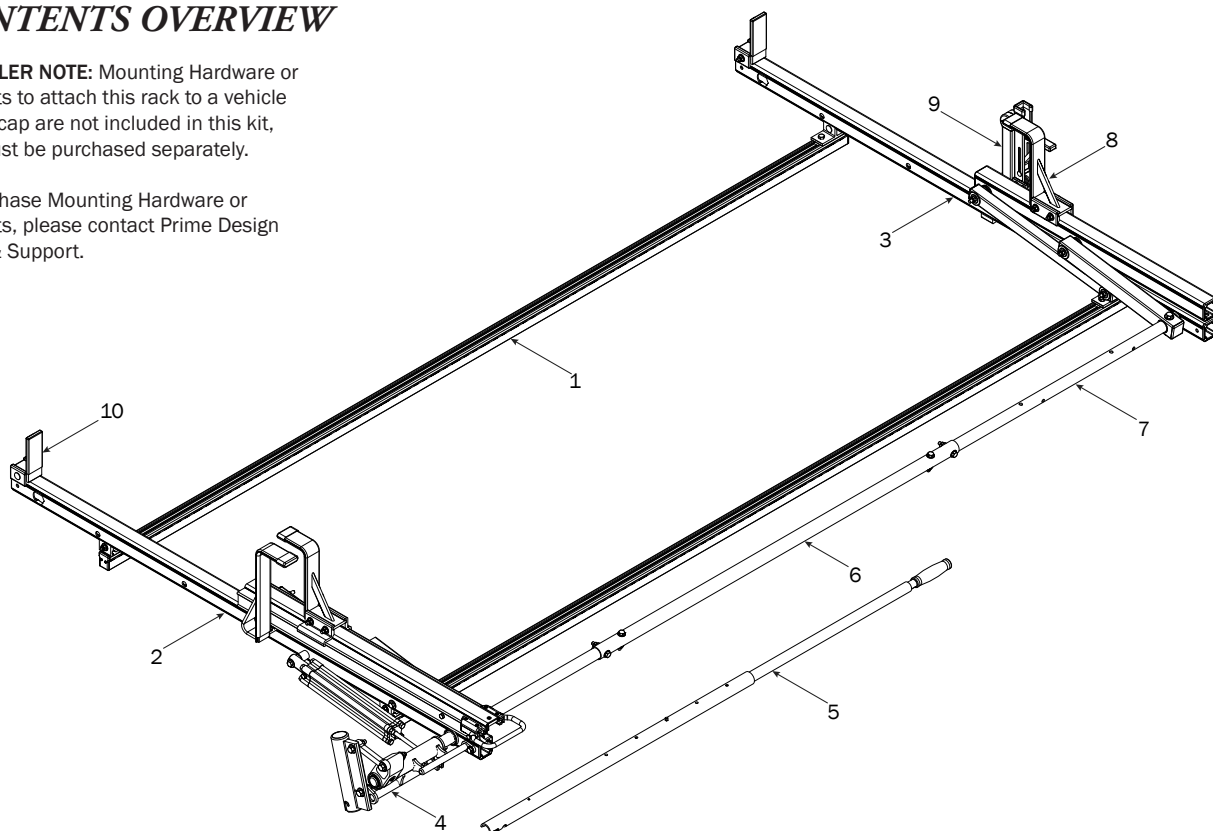
Address: 580 Opperman Drive, Eagan, MN 55123 • Toll Free: 1.8.PRIME.RACK

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

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)

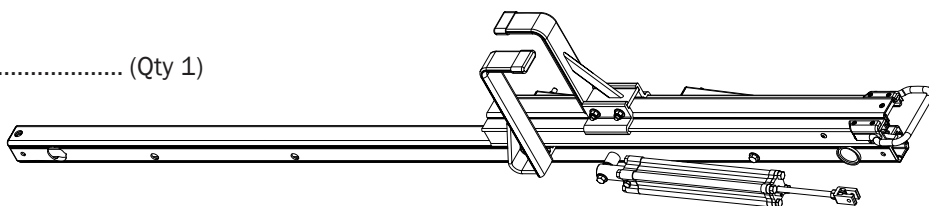


End Caps (4X)

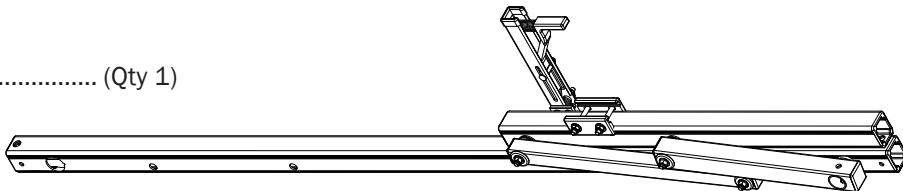


Brackets (4X)

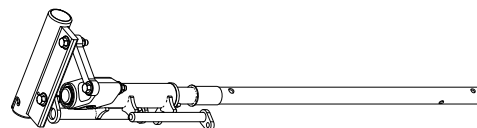
2—Rear Crossbar Assembly (Qty 1)



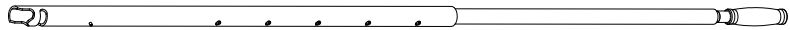
3—Front Crossbar Assembly (Qty 1)



4—Rear Drive Shaft (Qty 1)
Right Hand, G4, 33.50"



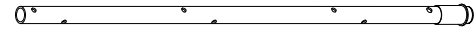
5—HRR Handle Assembly (Qty 1)
35.00"



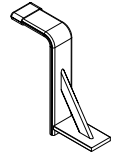
6—Connecting Bar (Qty 1)
48.00"



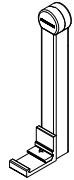
7—Front Drive Shaft (Qty 1)
B Version, 35.75"



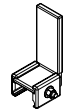
8—Z Post (Qty 1)
Adjustable 7.25"



9—L Post (Qty 1)
Roller Cap, 9.25"



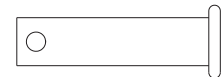
10—Ladder Stop Assembly (Qty 2)
1.75"



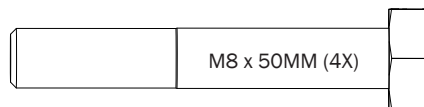
HKT-8163-Rotation Hardware Kit



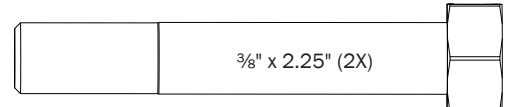
Cotter Pin (1X)



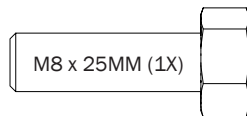
Clevis Pin (1X)



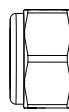
M8 x 50MM (4X)



3/8" x 2.25" (2X)



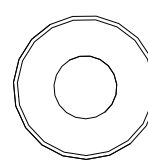
M8 x 25MM (1X)



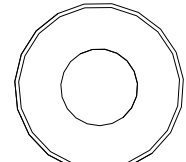
M8 Lock Nut (5X)



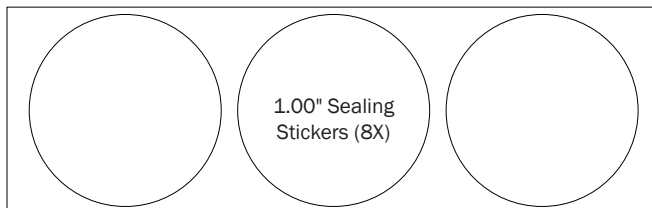
3/8" Lock Nut (2X)



5/16" Flat Washer (10X)



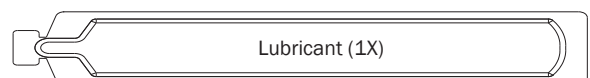
3/8" Flat Washer (4X)



1.00" Sealing
Stickers (8X)

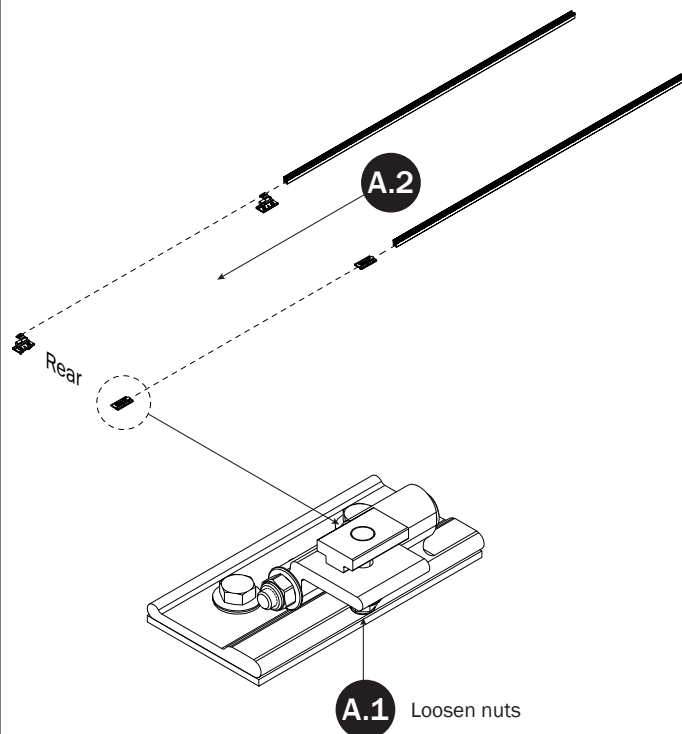


Anti-Seize (1X)

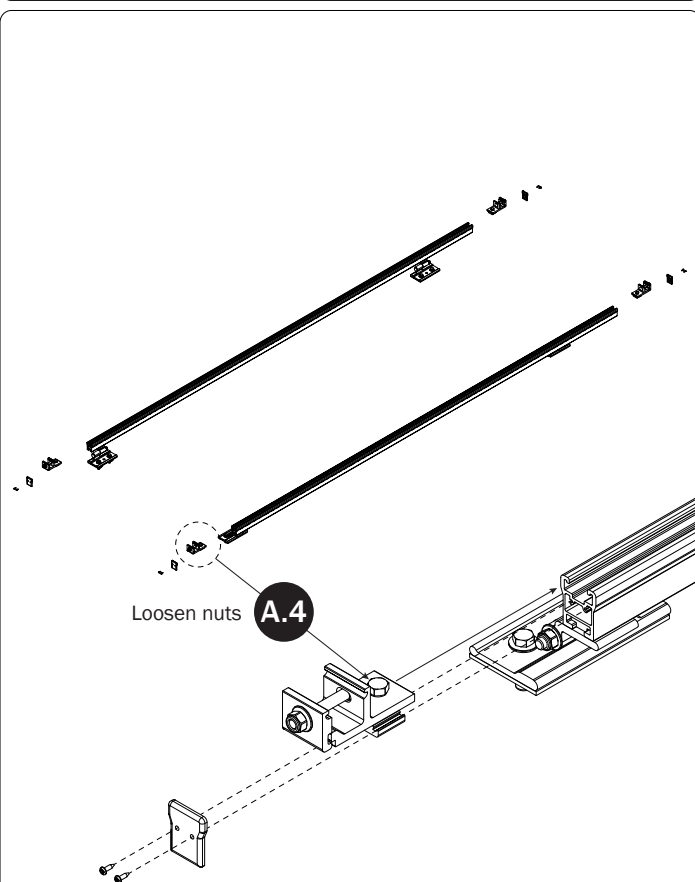
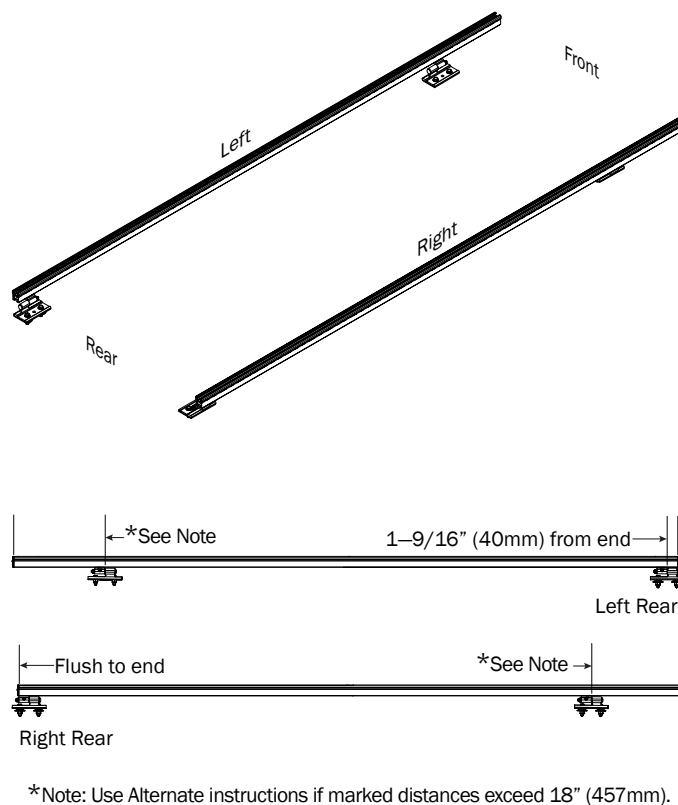


Lubricant (1X)

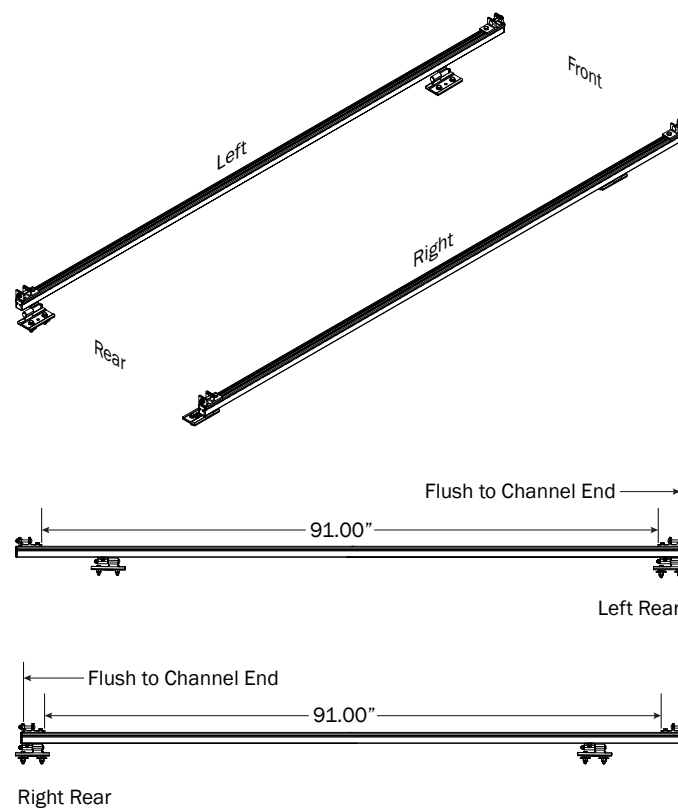
FBM-0002 FLUSH CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS



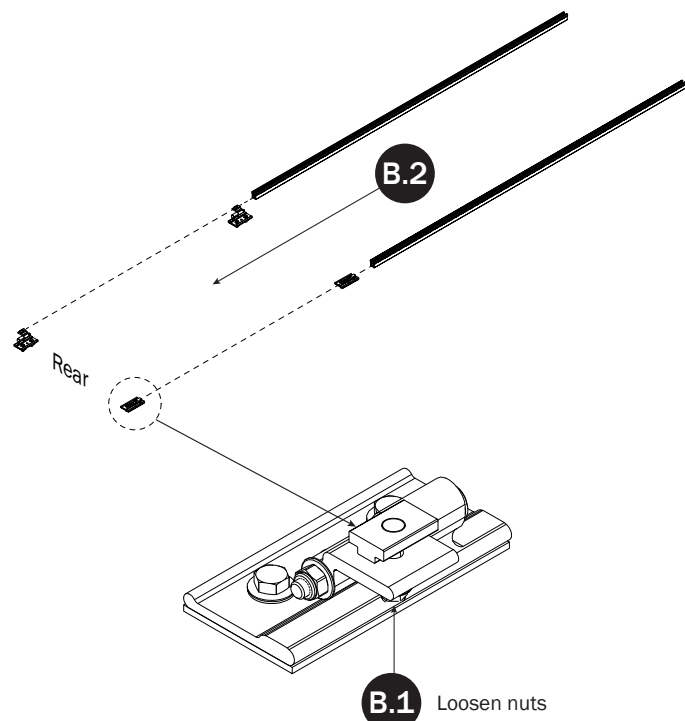
A.3 Set to distances then torque nuts to 80 in-lbs



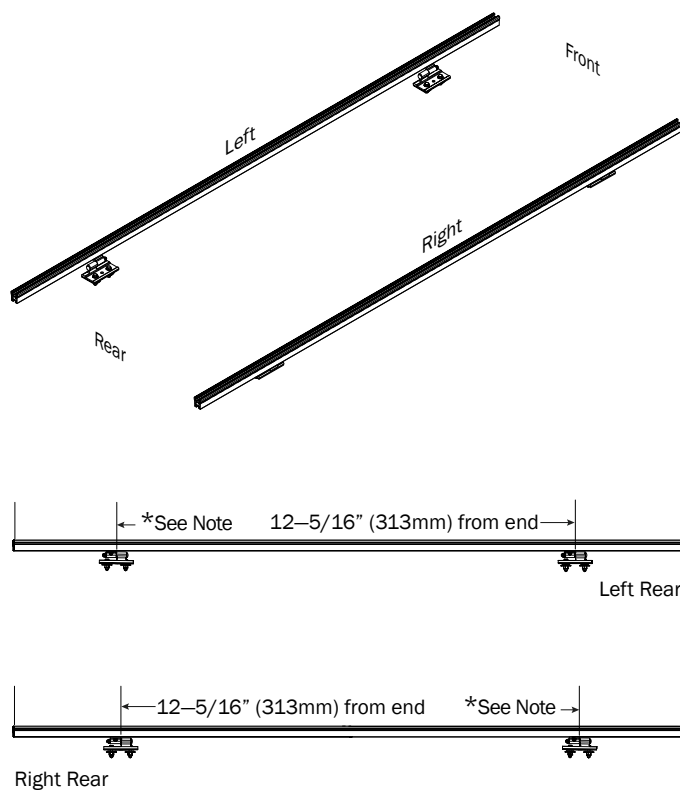
A.5 Set to distances then torque Rear Bracket nuts to 90 in-lbs



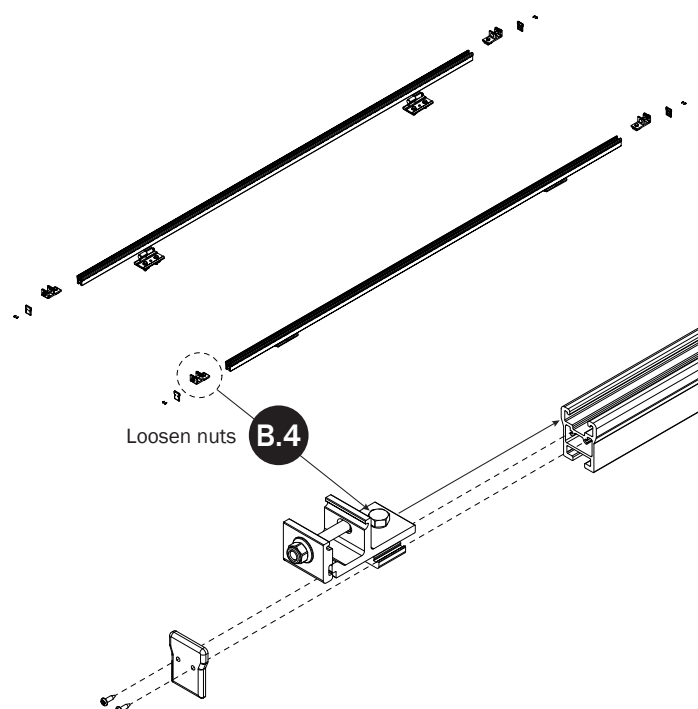
FBM-0002 ALTERNATE CHANNELS TO PRE-INSTALLED MOUNTING BRACKETS



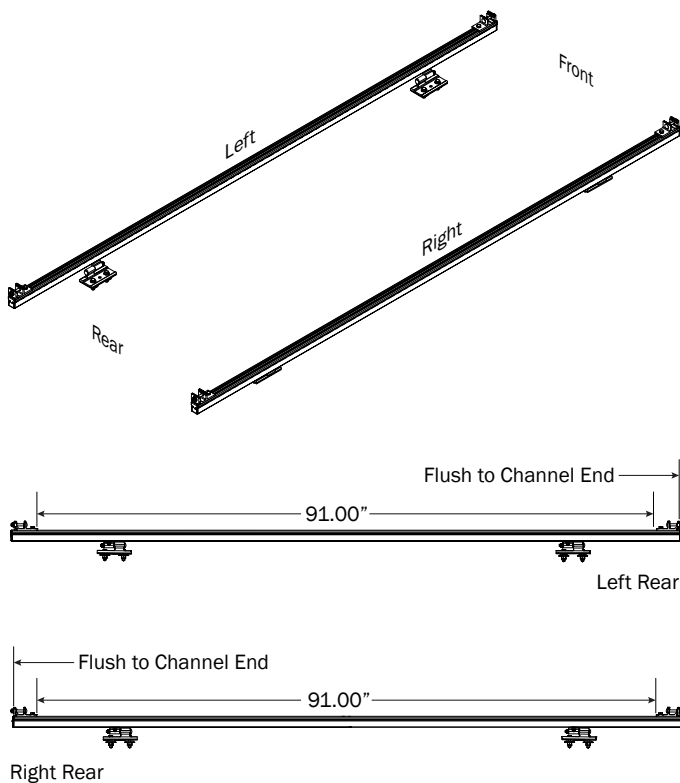
B.3 Set to distances then torque nuts to 80 in-lbs



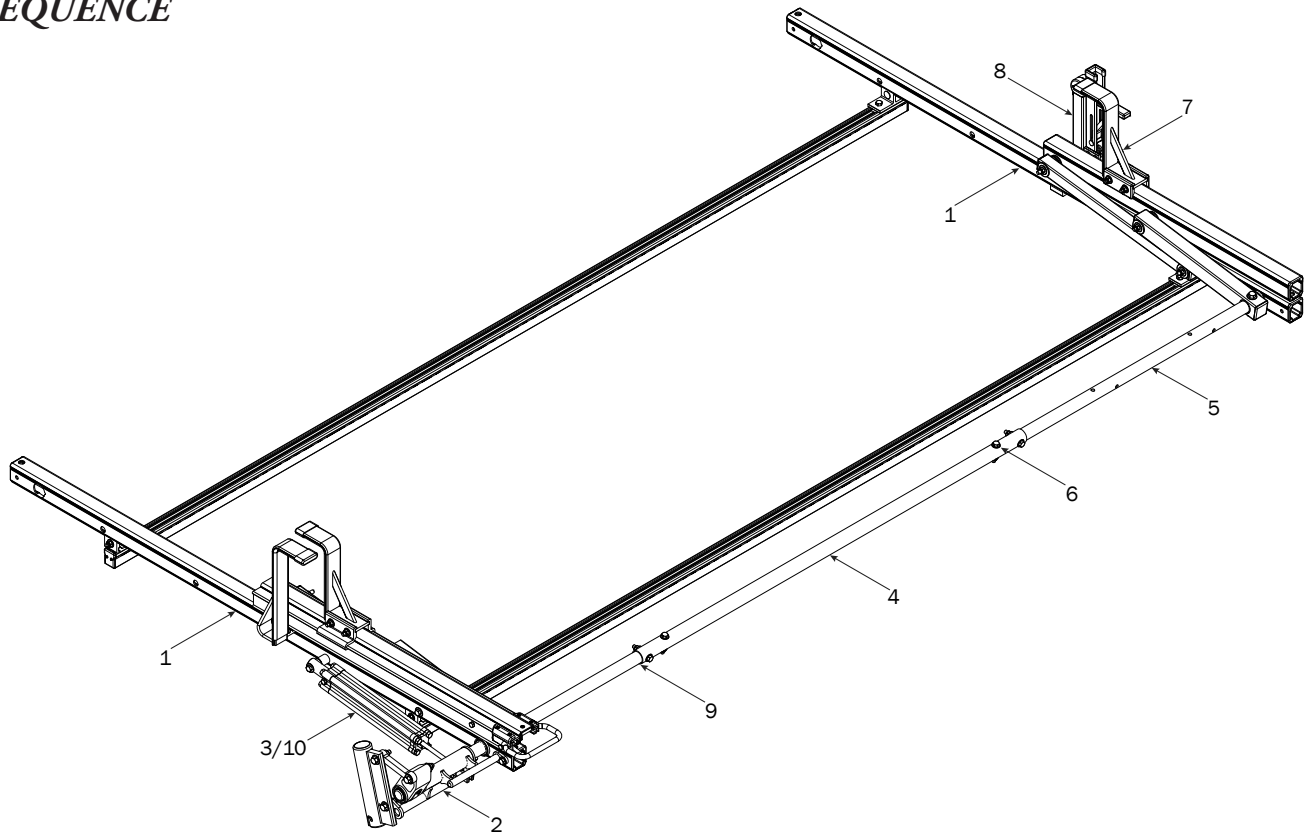
*Note: Move Channels rearward if marked front distance exceeds 18" (457mm).



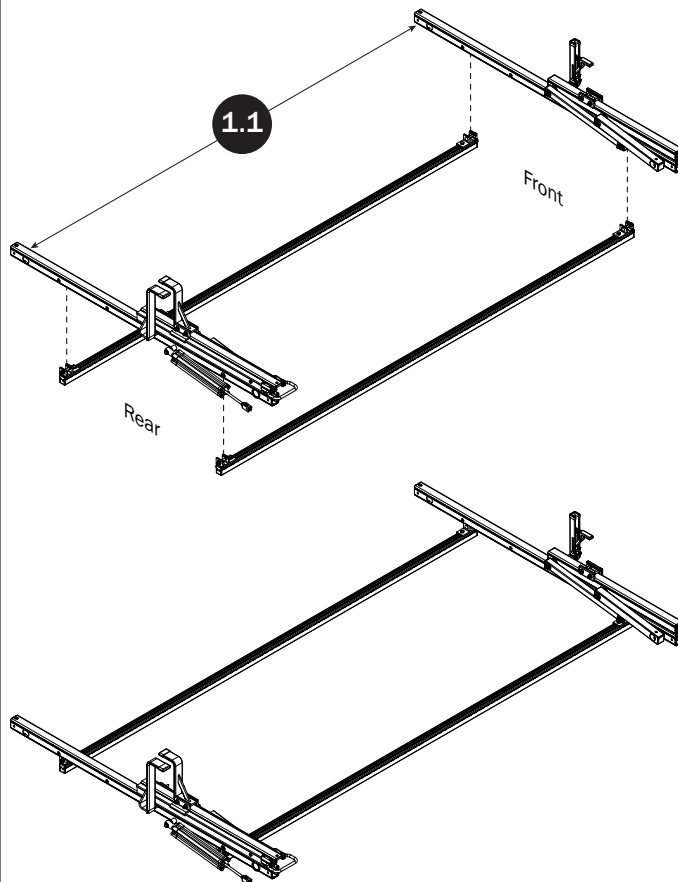
B.5 Set to distances then torque Rear Bracket nuts to 90 in-lbs



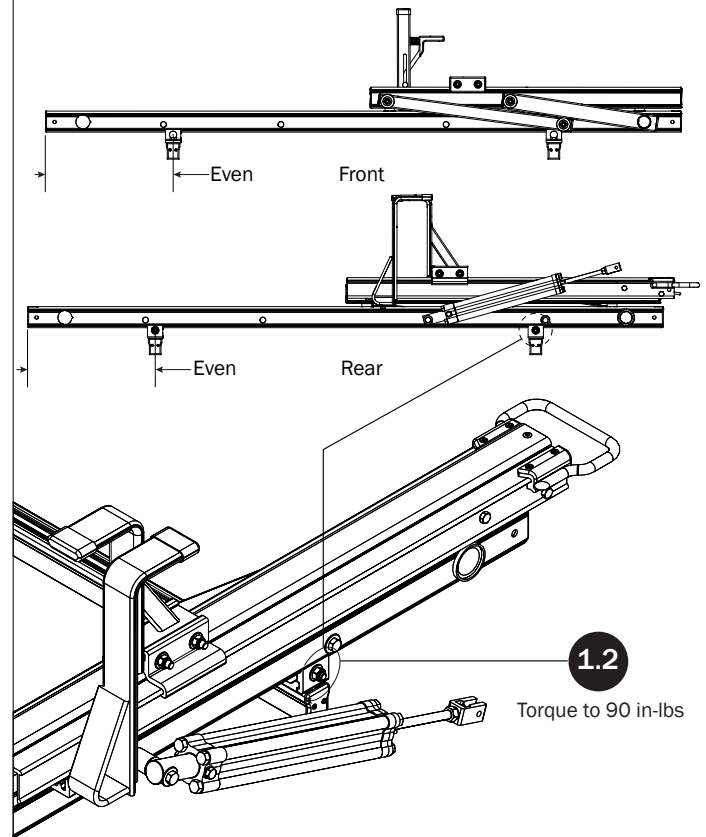
RIGHT ROTATION ASSEMBLY SEQUENCE



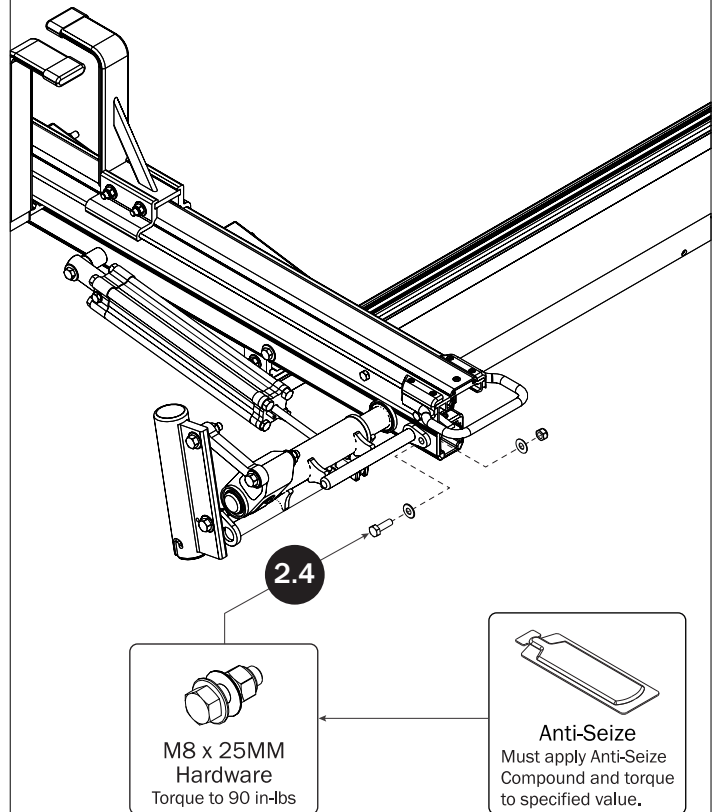
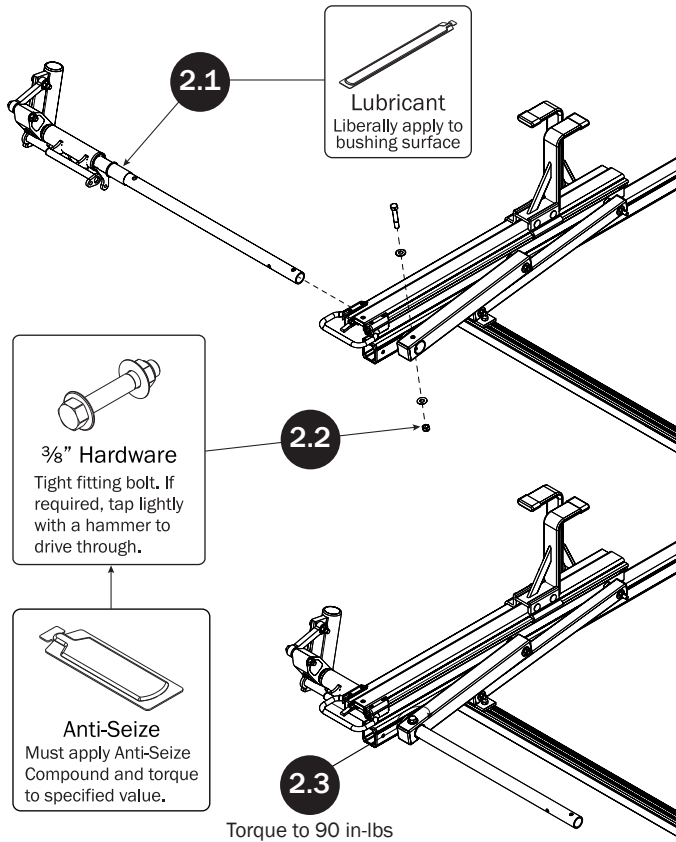
CROSSBARS



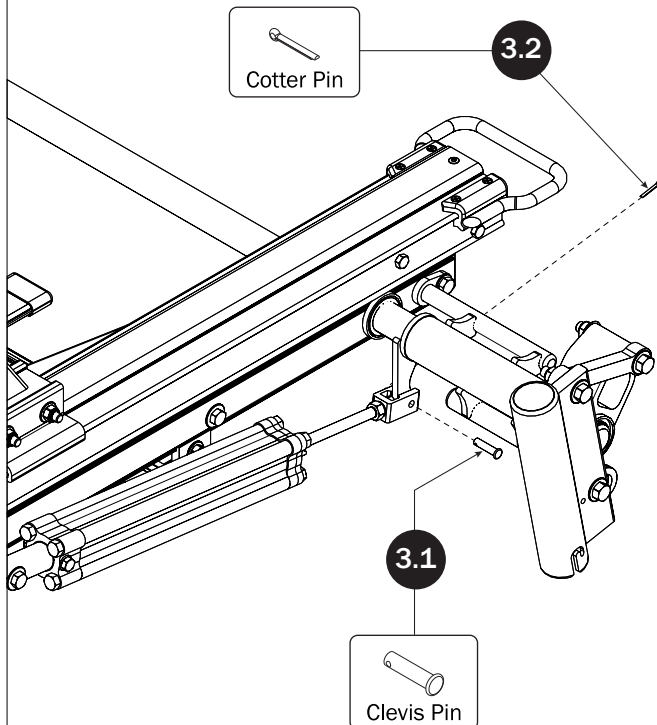
CROSSBAR ADJUSTMENT



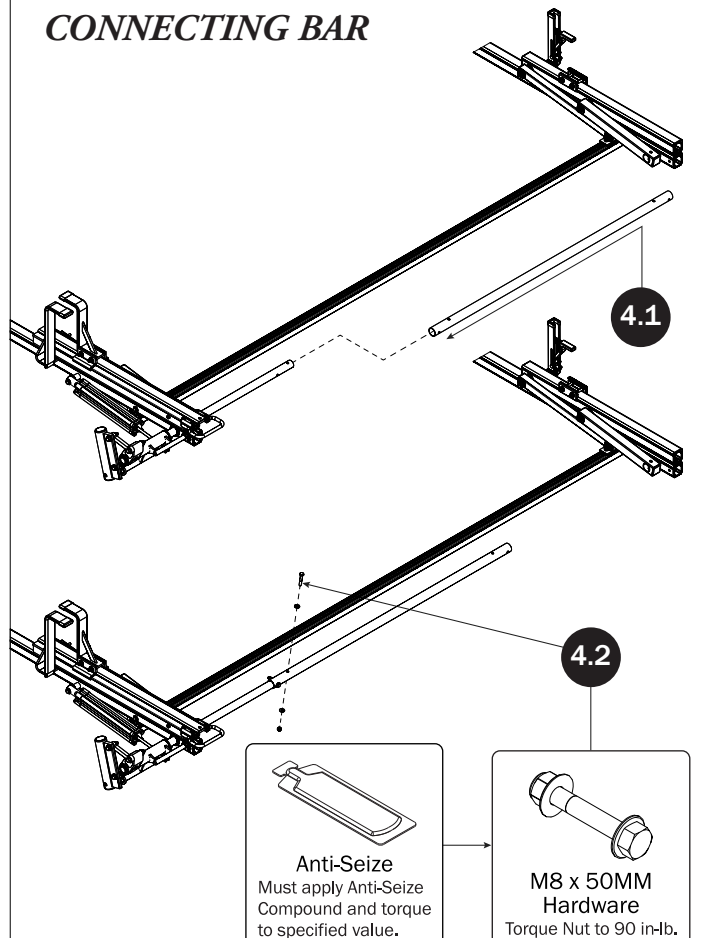
REAR DRIVE SHAFT



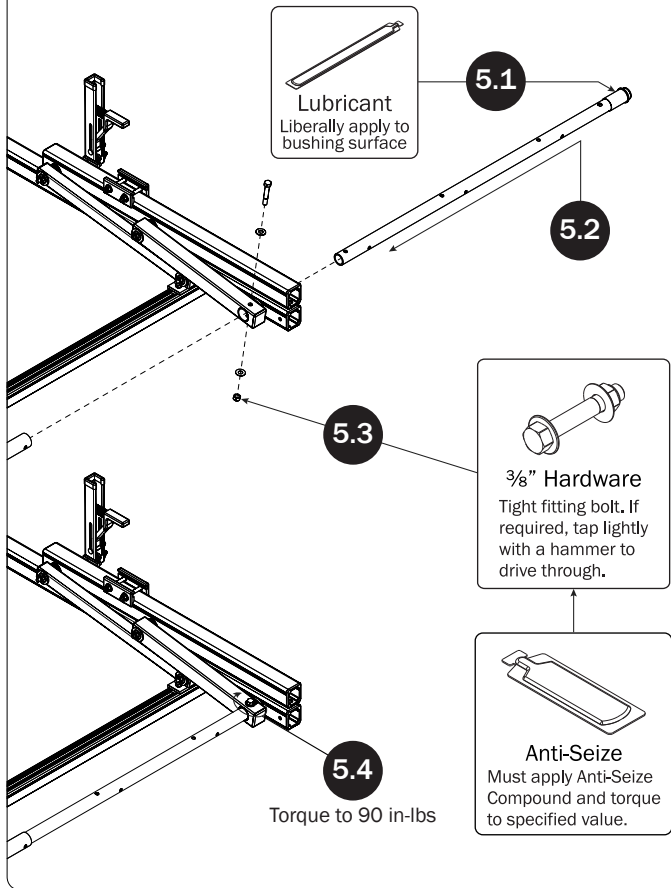
CYLINDER HARDWARE



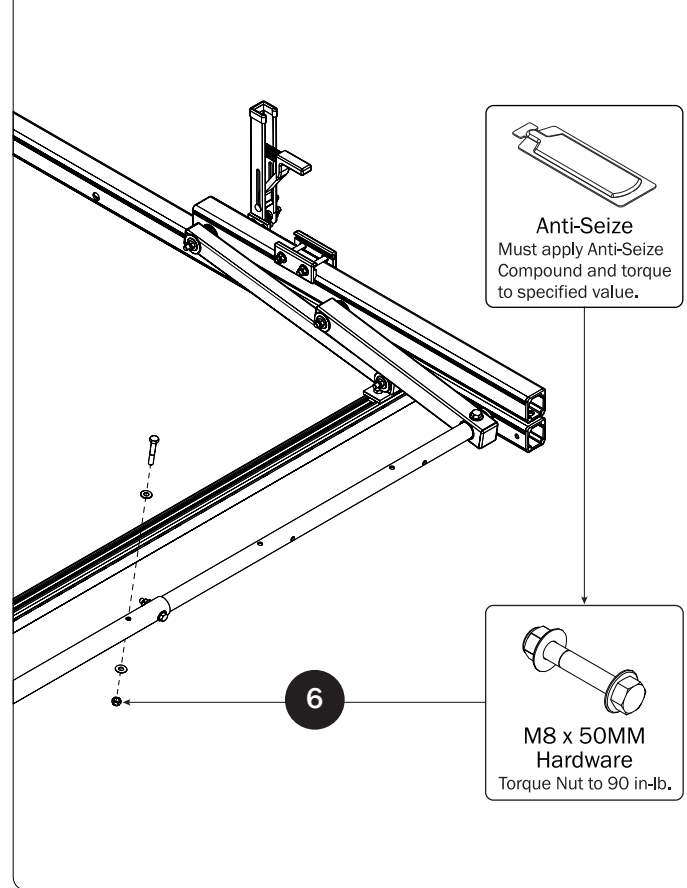
CONNECTING BAR



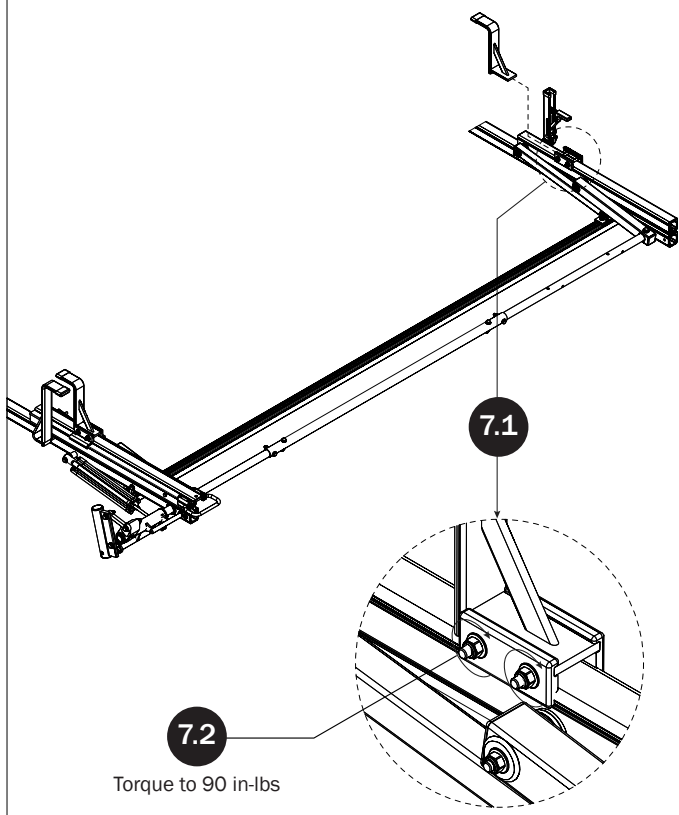
FRONT DRIVE SHAFT



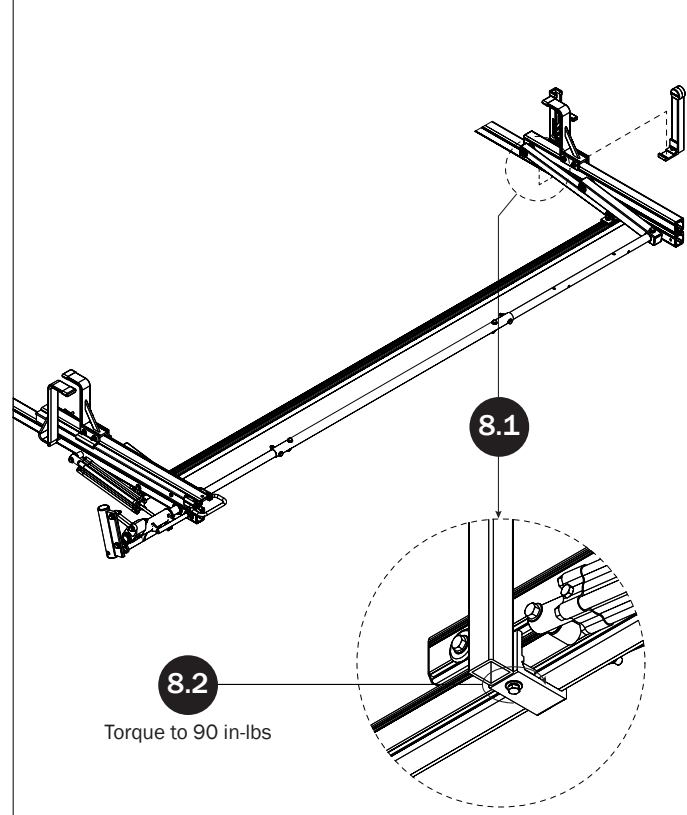
CONNECTING BAR FASTENERS



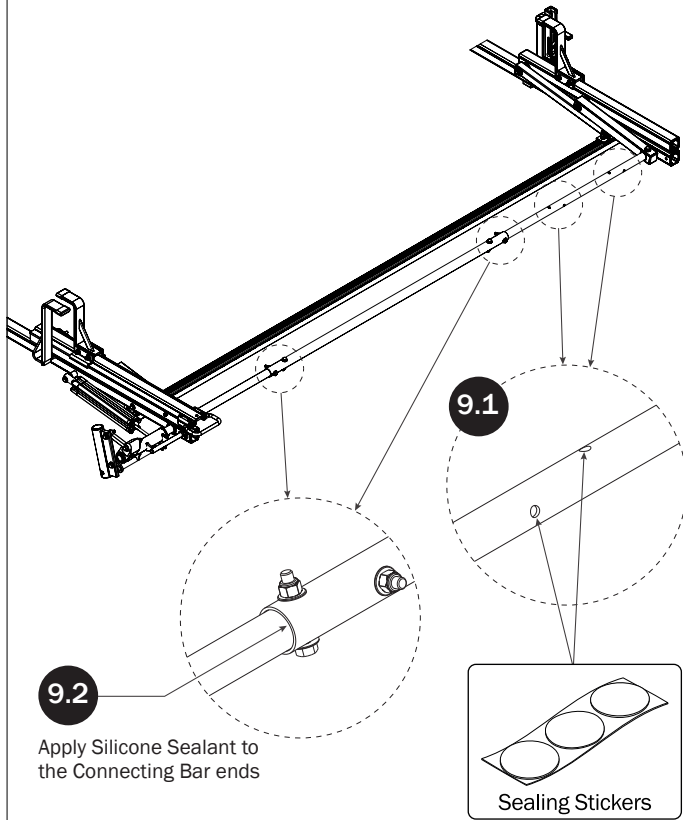
Z POSTS SEE QUICK START GUIDE FOR ADJUSTMENTS



L POSTS SEE QUICK START GUIDE FOR ADJUSTMENTS



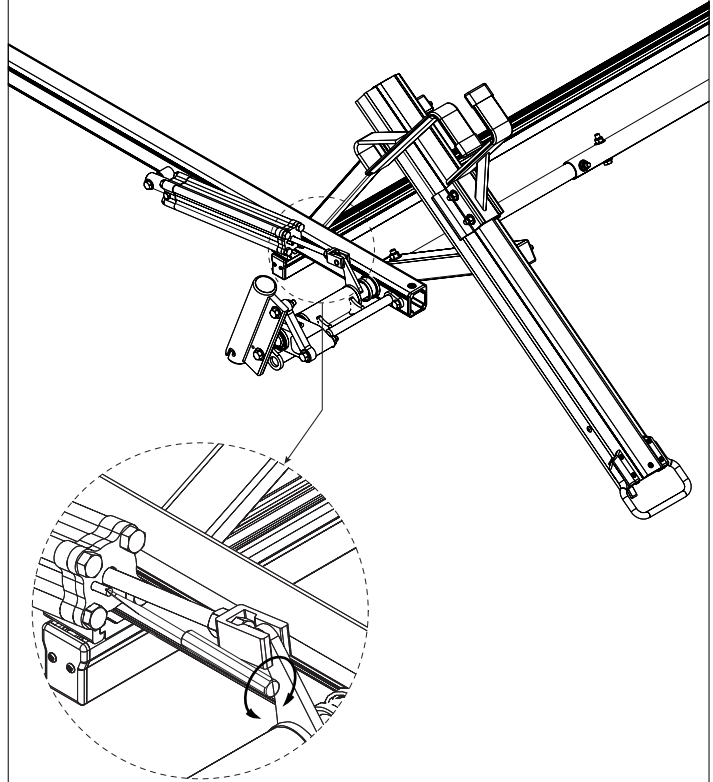
DRIVE SHAFT SEALING



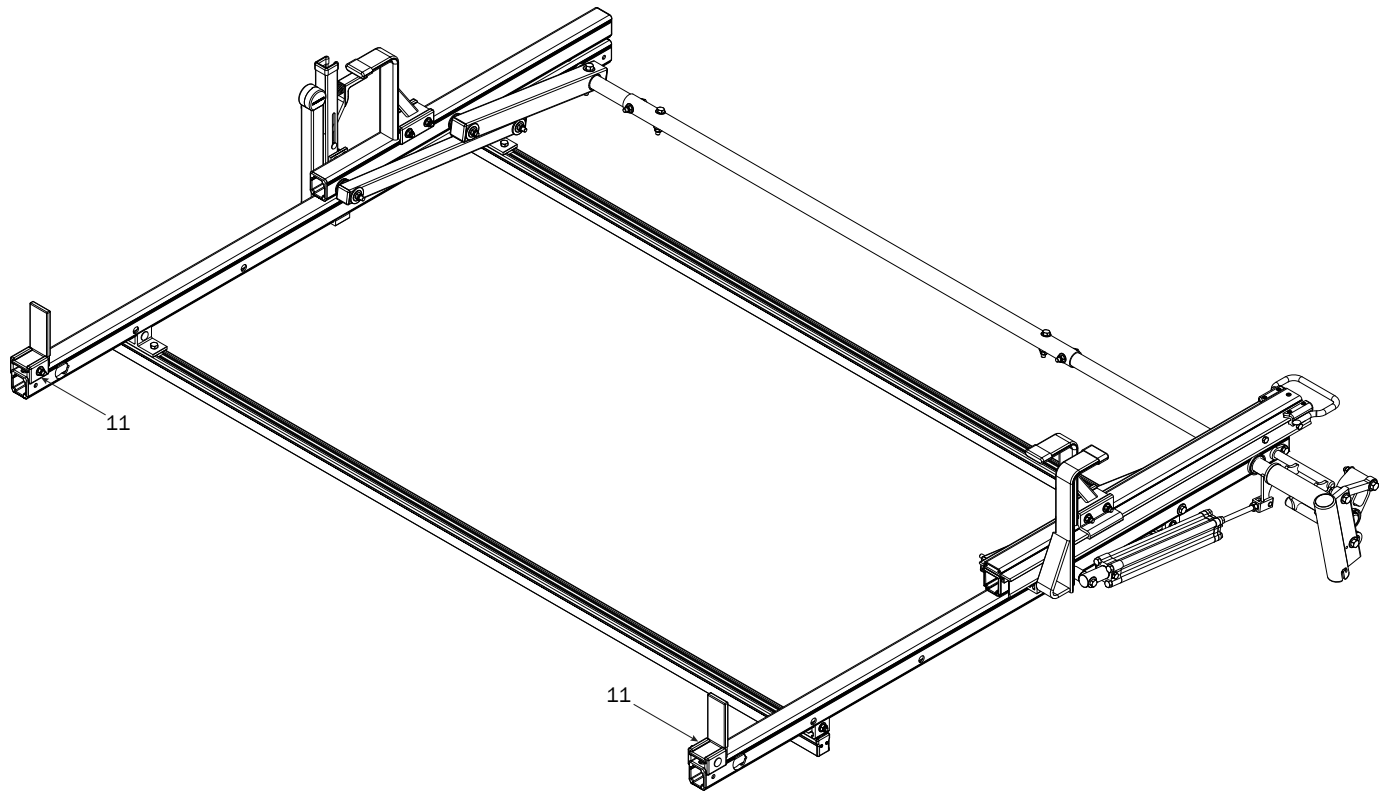
CYLINDER ADJUSTMENT

10

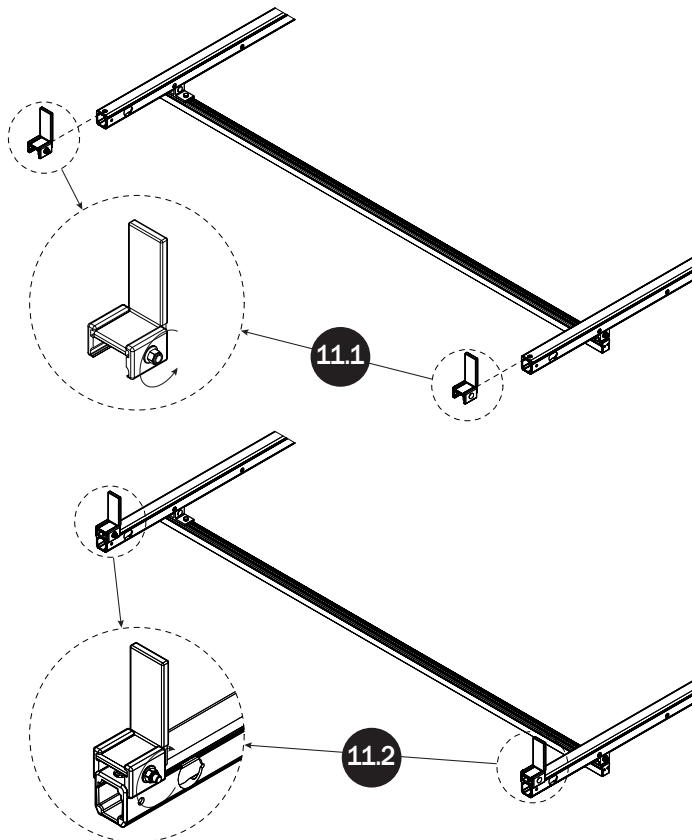
Adjust the Cylinder Flow Control Screw to allow approximately 3 seconds time for the ladder to glide down when operating the loaded Ladder Rack.



LEFT SIDE BASE ASSEMBLY SEQUENCE



LADDER STOPS



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