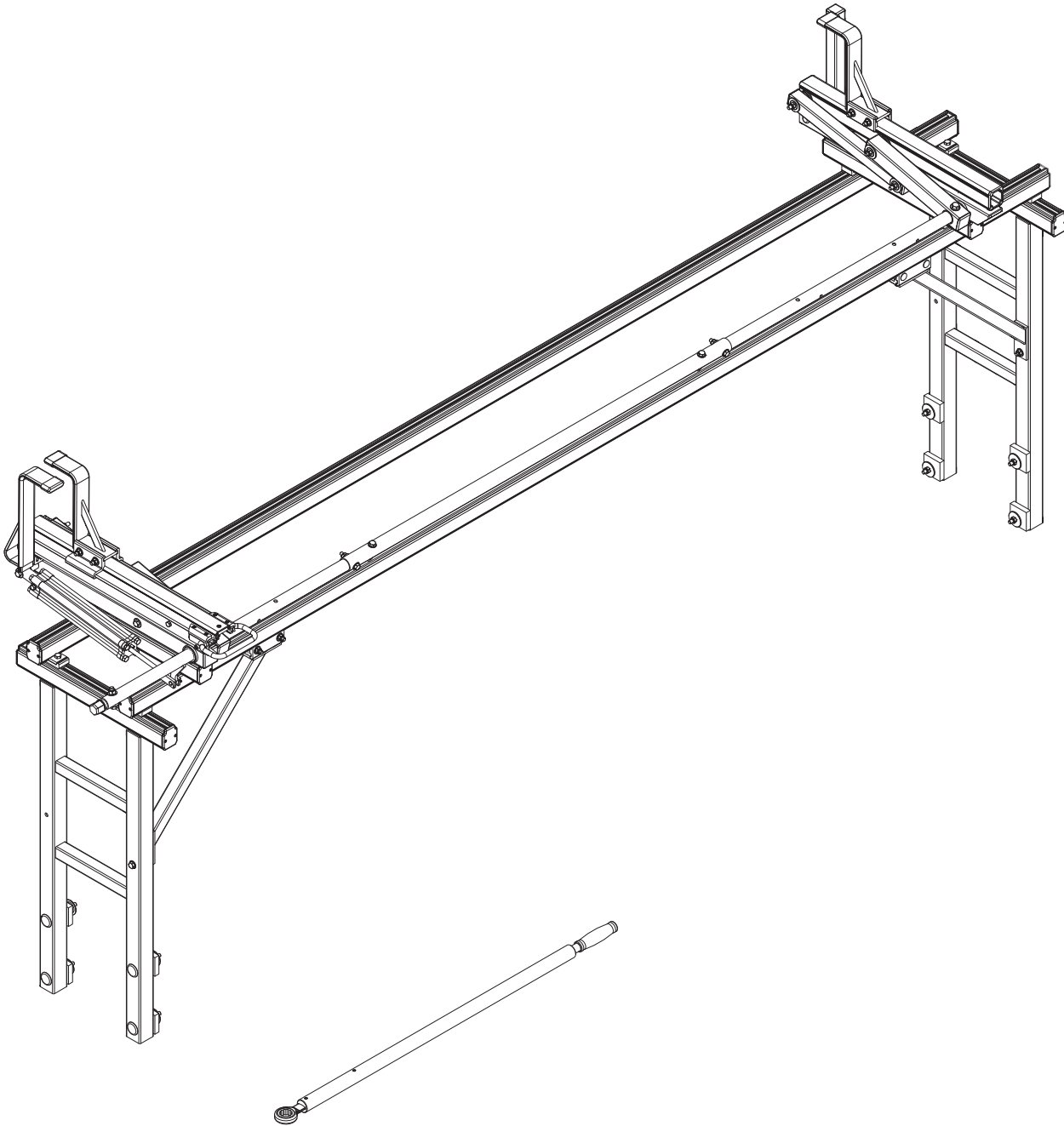


PRIME DESIGN™

A Safe Fleet Brand



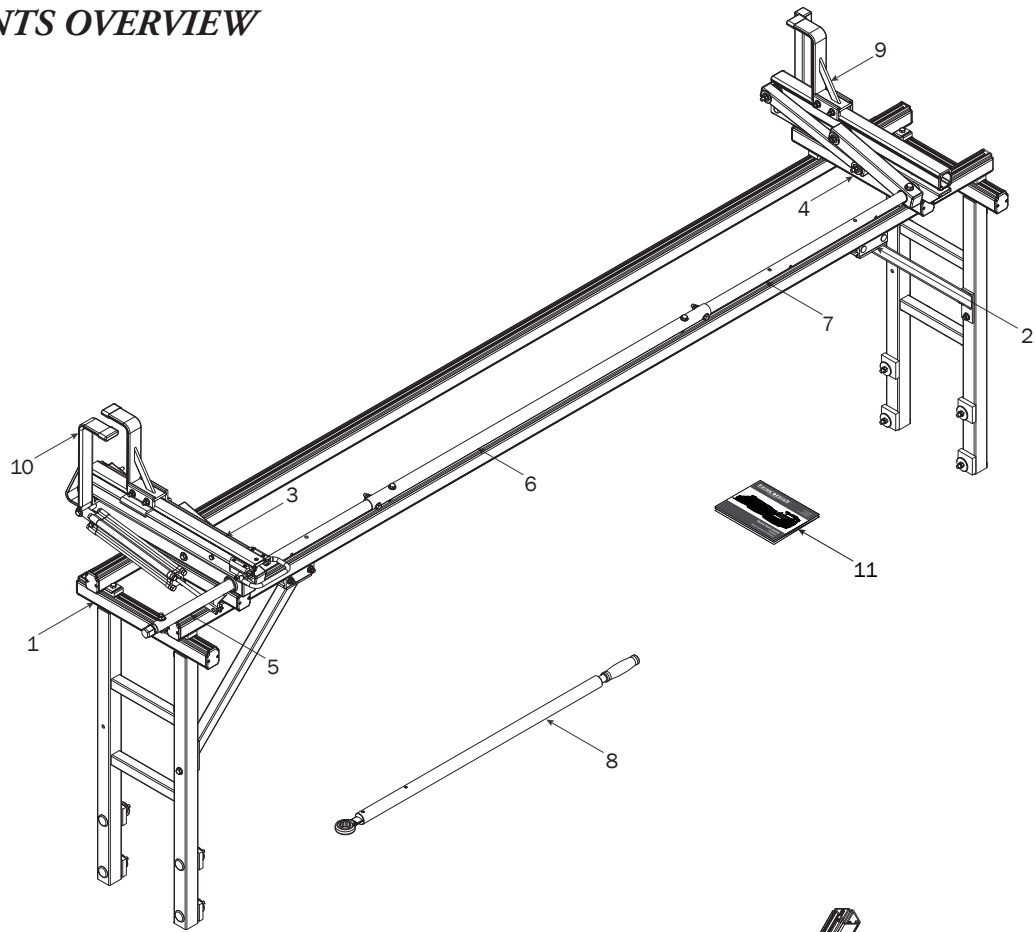
UXR
0019

PRIME DESIGN, A SAFE FLEET BRAND

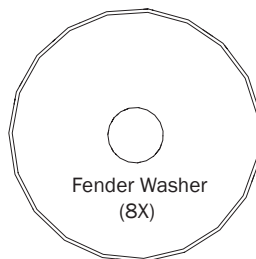
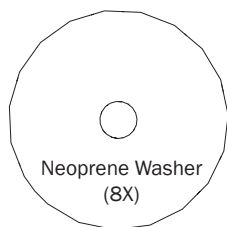
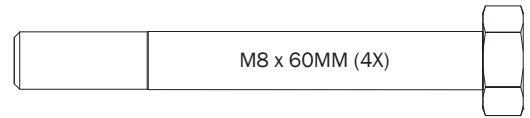
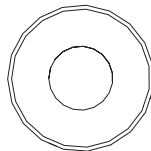
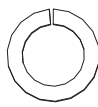
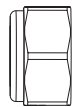
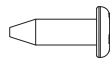
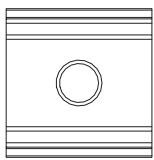
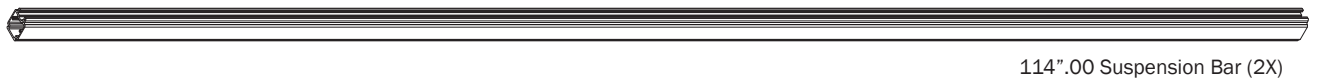
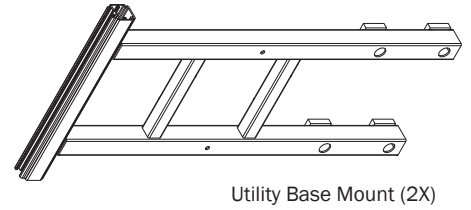
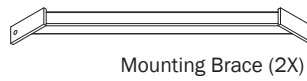
Address: 580 Opperman Drive, Eagan, MN 55123 • Toll Free: 1.8.PRIME.RACK

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CONTENTS OVERVIEW



1-FBM-0037 (Qty 1)
114.00", Suspension Bar Frame, with Hardware



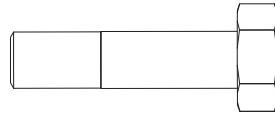
2—WorkPro Light Mount (Qty 1)
Below Crossbar with Hardware



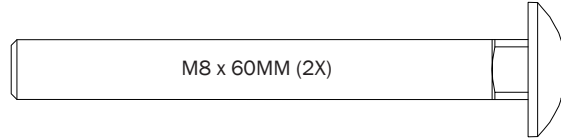
Bottom Connector (1X)



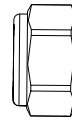
Clamp Connector Pair (1X)



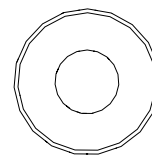
M8 x 25 MM (1X)



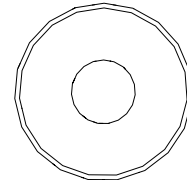
M8 x 60MM (2X)



M8 Lock Nut (3X)

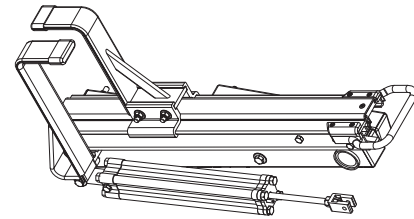


5/16" Flat Washer (3X)

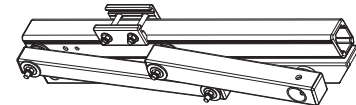


Nylon Washer (1X)

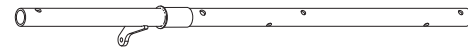
3—Rear Rotation Assembly..... (Qty 1)



4—Front Rotation Assembly..... (Qty 1)



5—Rear Drive Shaft..... (Qty 1)
Right Hand, B4 Version, 50.00"



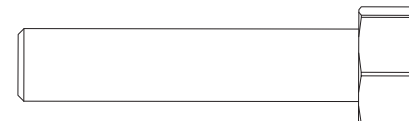
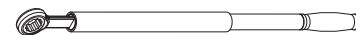
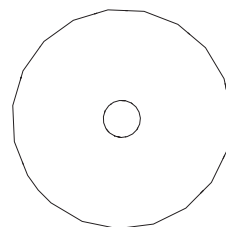
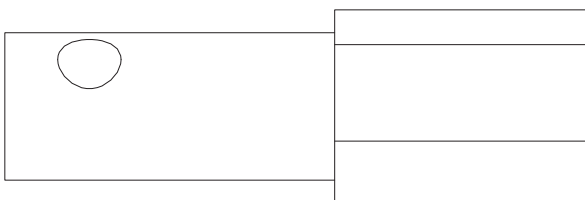
6—Connecting Bar..... (Qty 1)
48.00"



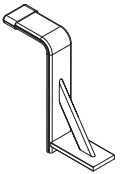
7—Front Drive Shaft (Qty 1)
B Version, 35.75"



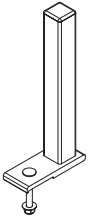
8—Ratcheting Handle Assembly (Qty 1)
With Hardware



9—Z Post (Qty 1)
Adjustable, 7.25"

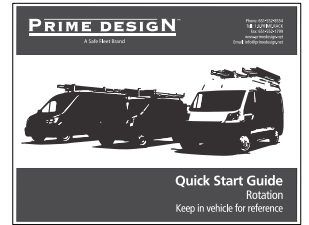


10—L Post (Qty 1)
9.25"

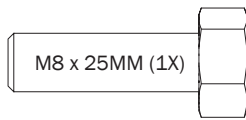


11—USQSG-Ergorack (Qty 1)
Quick Start Guide, Rotation

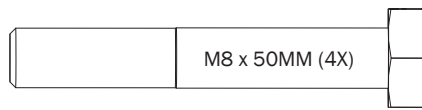
* Once rack installation is complete, place the Quick Start Guide into the vehicle's glove box for future ladder setup and adjustment.



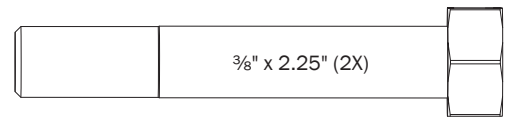
11—HKT-8163 (Not called out in Overview)..... (Qty 1)



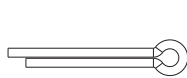
M8 x 25MM (1X)



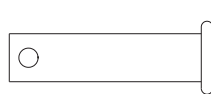
M8 x 50MM (4X)



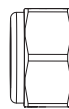
3/8" x 2.25" (2X)



Cotter Pin (1X)



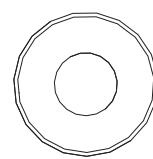
Clevis Pin (1X)



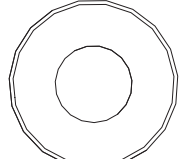
M8 Lock Nut (5X)



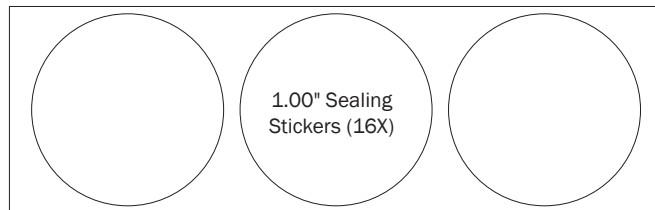
3/8" Lock Nut (2X)



5/16" Flat Washer (10X)



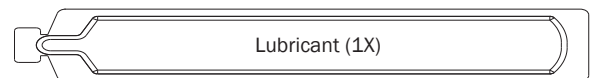
3/8" Flat Washer (4X)



1.00" Sealing Stickers (16X)



Anti-Seize (1X)

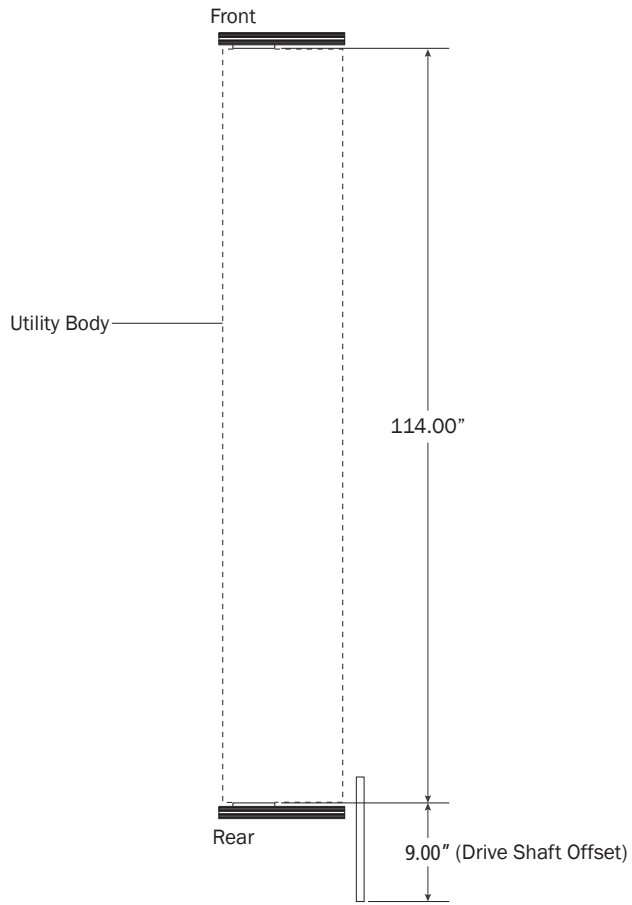
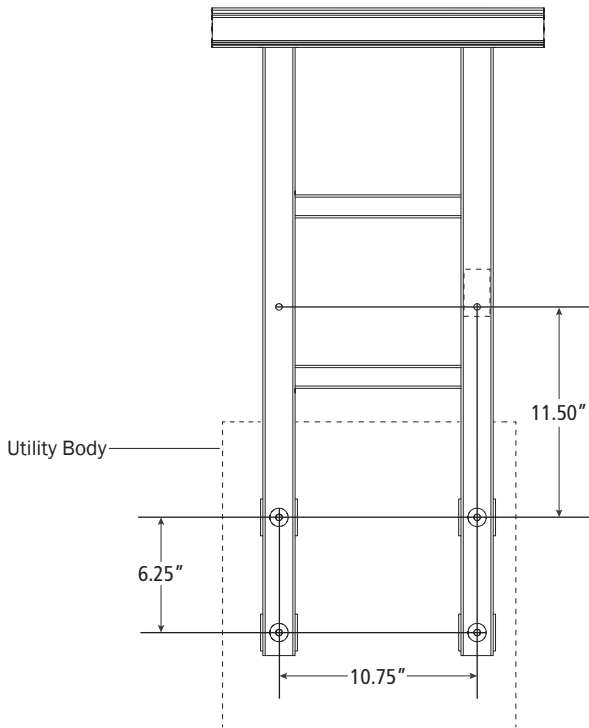


Lubricant (1X)

FBM-0037 MOUNTING

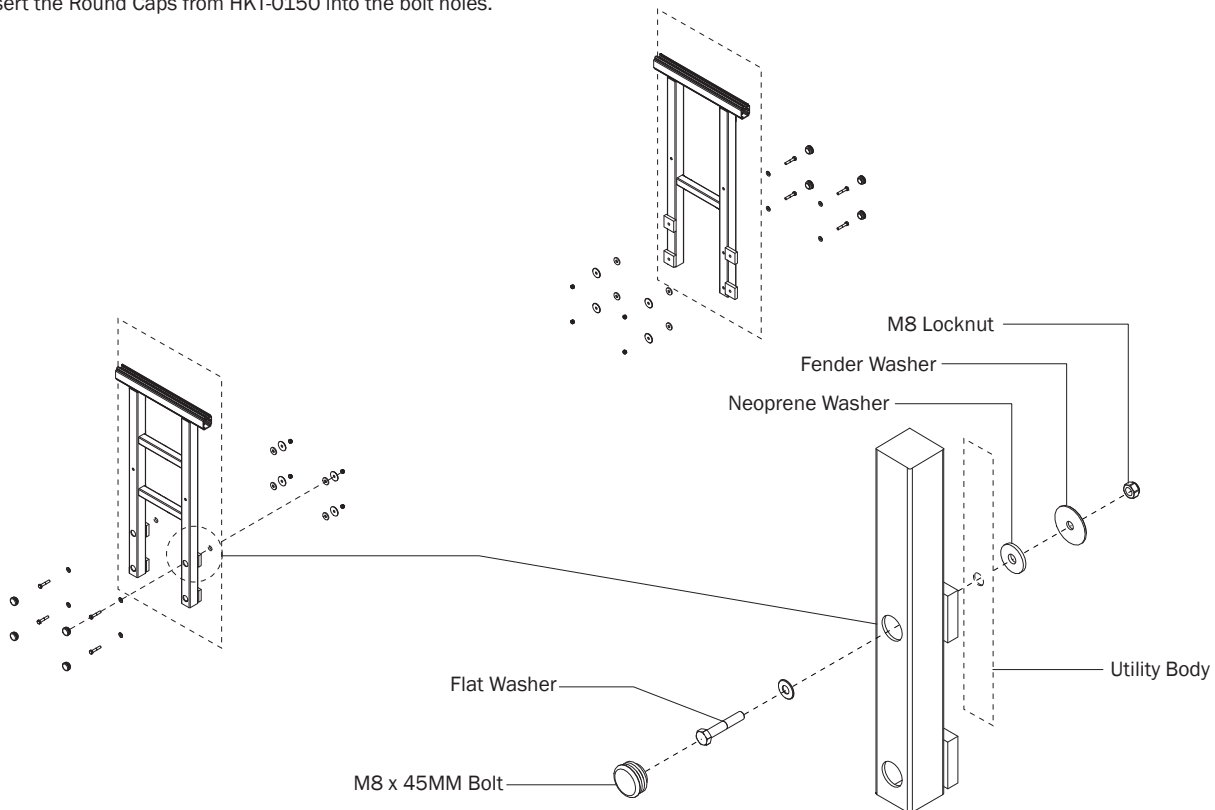
0.1

Drill holes into the Service Body mounting location according to dimensions shown for 8.00 ft rack configuration. The rear drive shaft must not extend past the vehicle bumper. (See offset below)

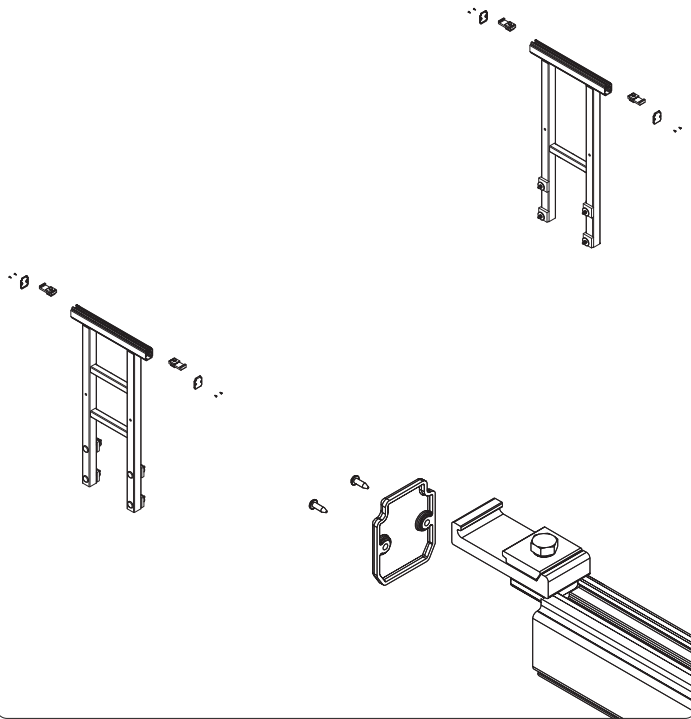


0.2

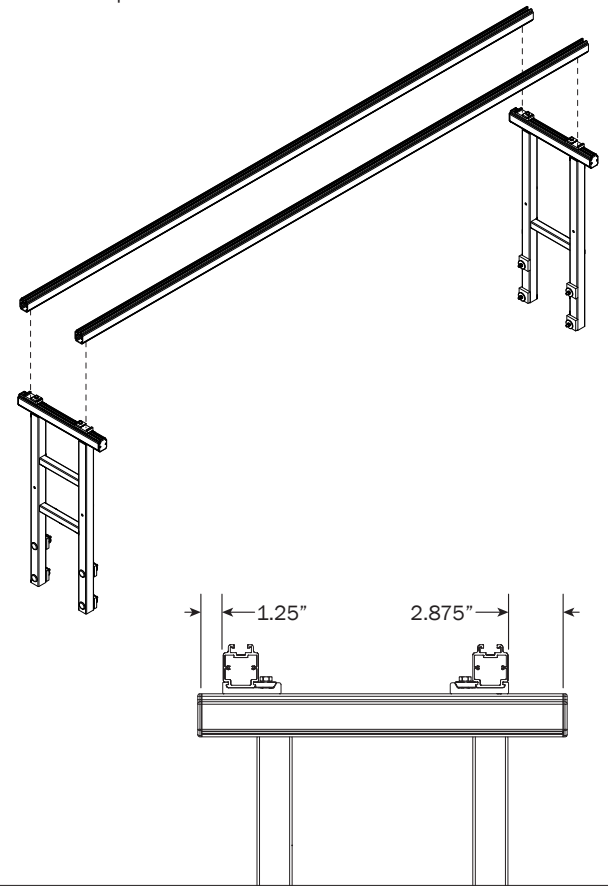
Install Mounts to Utility Body and tighten Bolt Assemblies to 90 in-lbs. Insert the Round Caps from HKT-0150 into the bolt holes.



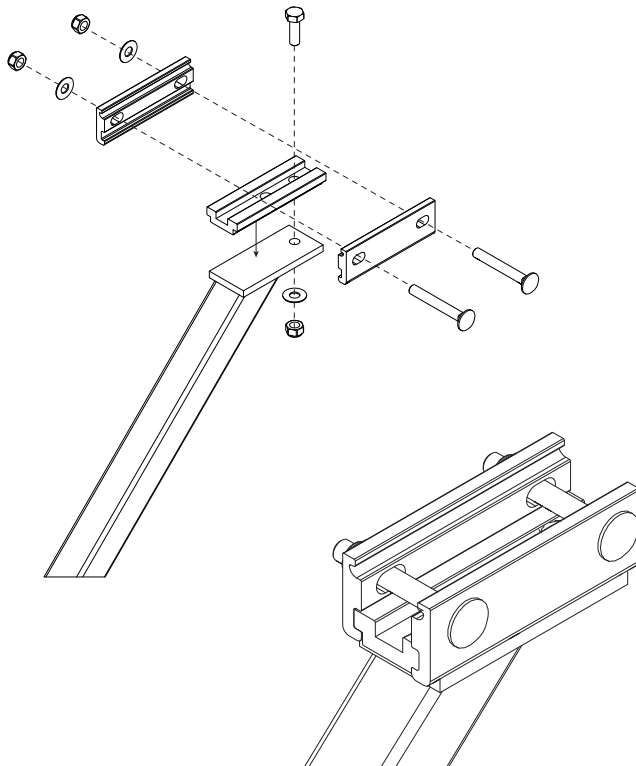
0.3 Install Channel Connectors and End Caps as shown.



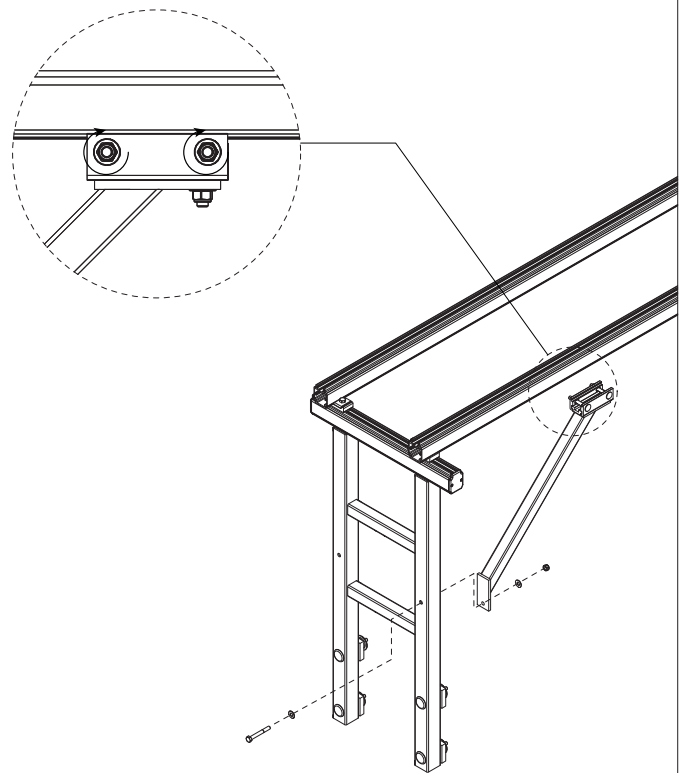
0.4 Mount the 114.00" Suspension Bars, and finger tighten into position as shown.



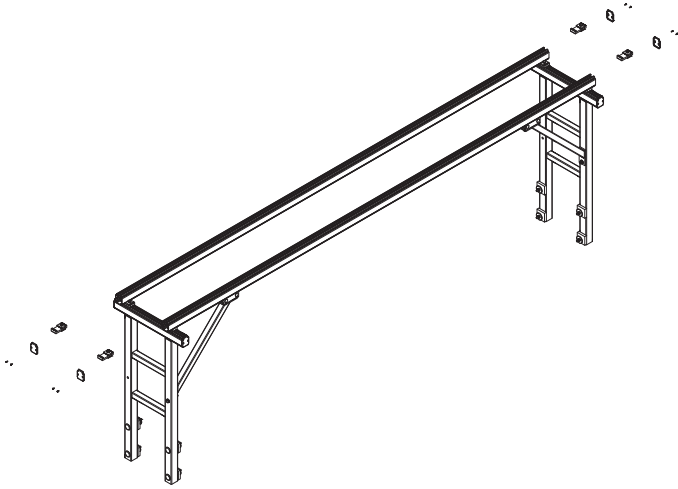
0.5 Assemble the WorkPro Clamp onto the Mounting Brace as shown and finger-tighten only.



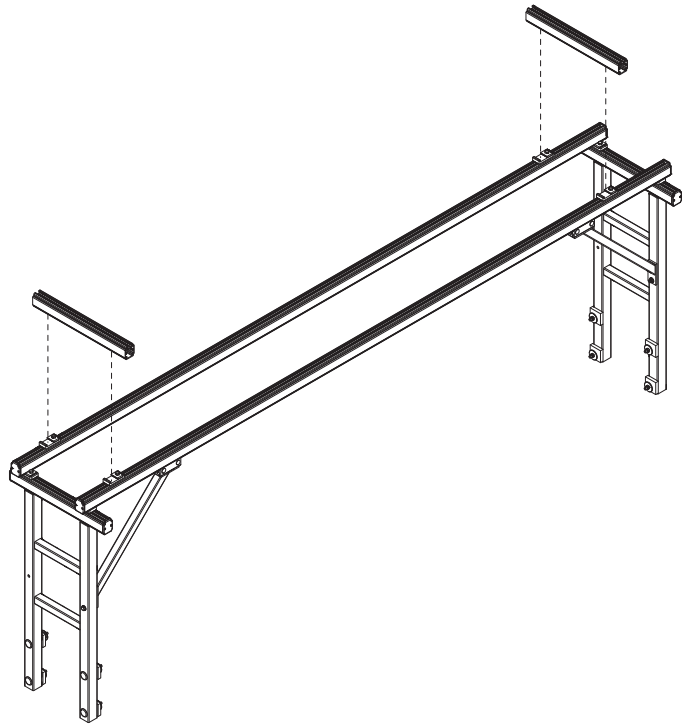
0.6 Mount the Brace as shown below and tighten clamp nuts to 90 in-lbs. Repeat Steps 0.5-0.6 for the front end.



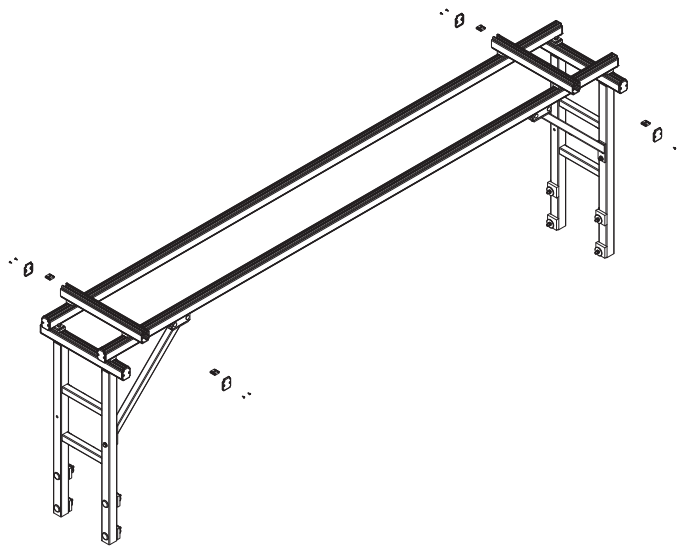
0.7 Install Channel Connectors and End Caps as shown



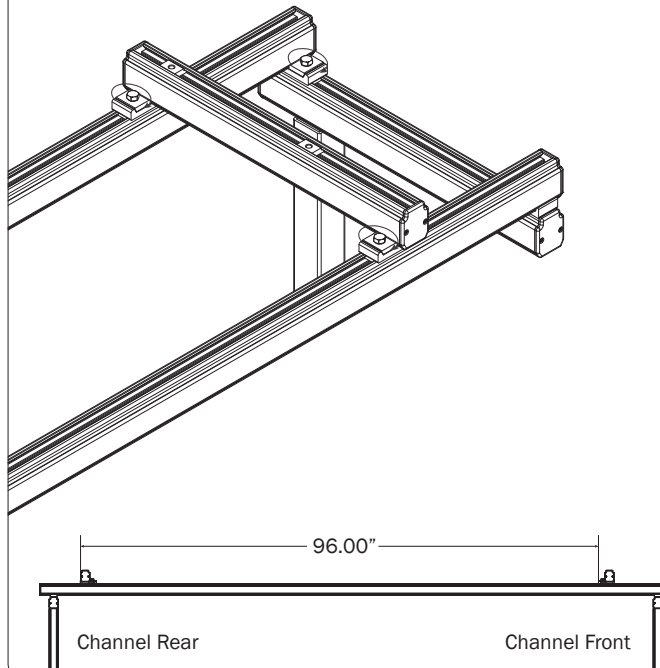
0.8 Mount the final 18.00" Suspension Bars as shown



0.9 Install Strip Nuts and End Caps as shown

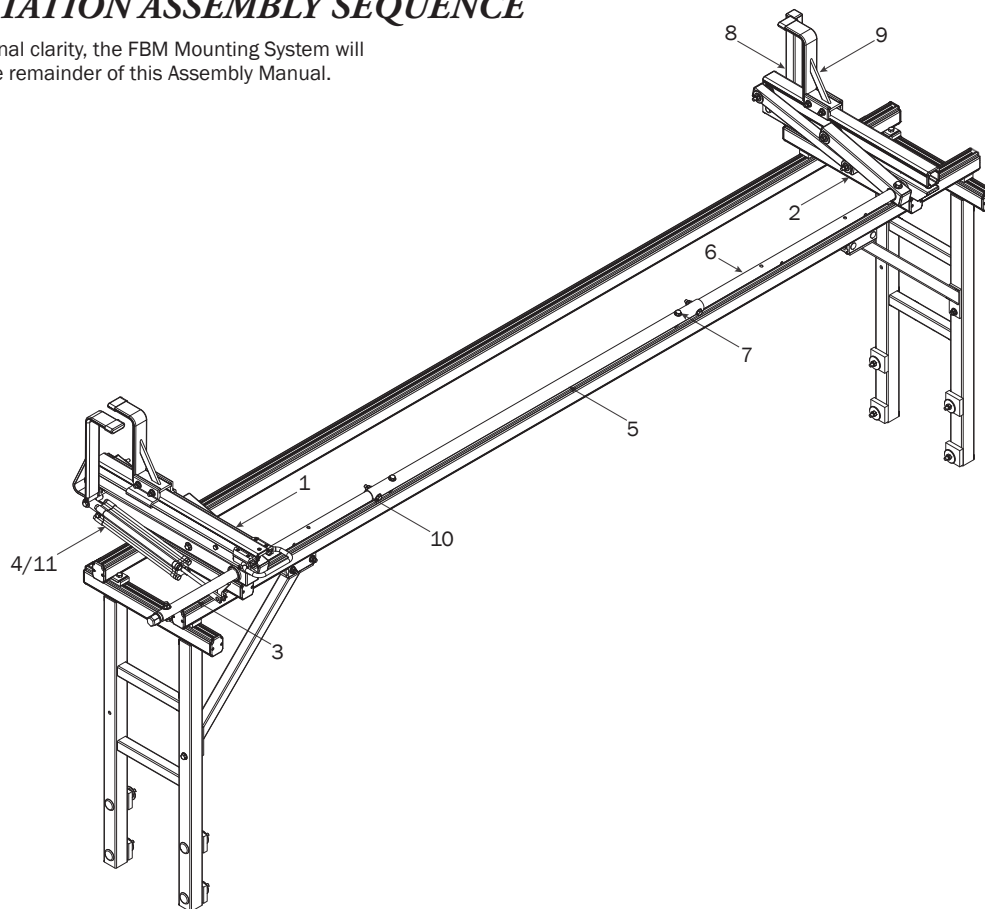


0.10 Position all Brackets on Suspension Bars as shown below for 8.00' (96.00"). Tighten all Bracket nuts to 90 in-lbs.

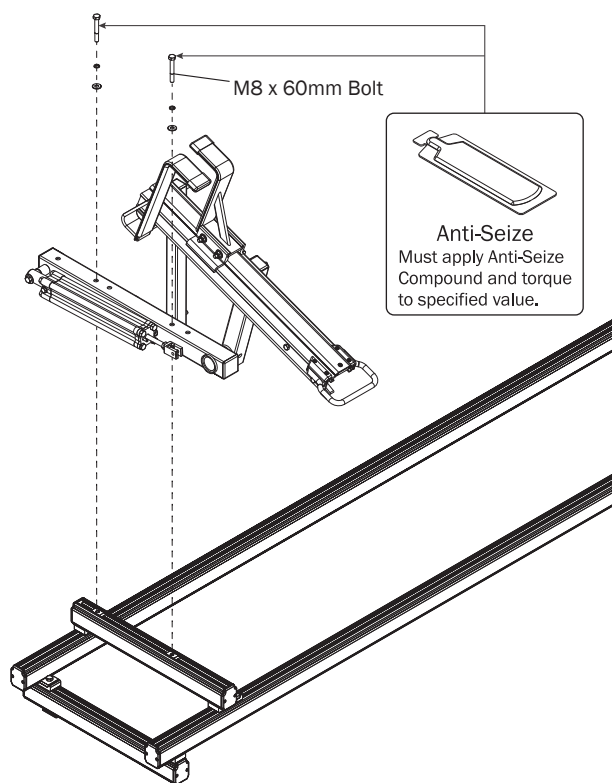


RIGHT ROTATION ASSEMBLY SEQUENCE

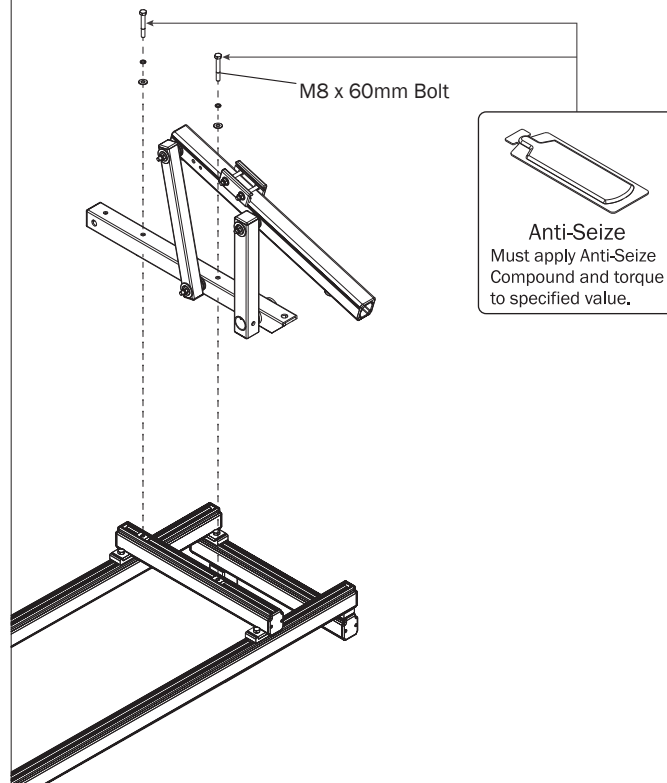
NOTE: For instructional clarity, the FBM Mounting System will not be shown for the remainder of this Assembly Manual.

**REAR ROTATION ASSEMBLY**

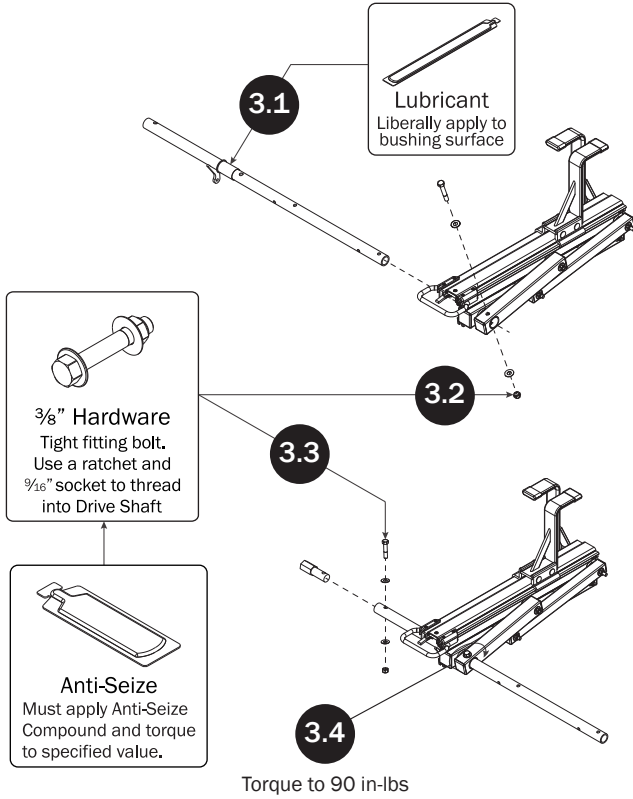
- 1** Place Rear Crossbar onto FBM as shown and torque to 90 in-lbs.

**FRONT ROTATION ASSEMBLY**

- 2** Place Front Crossbar onto FBM as shown and torque to 90 in-lbs.

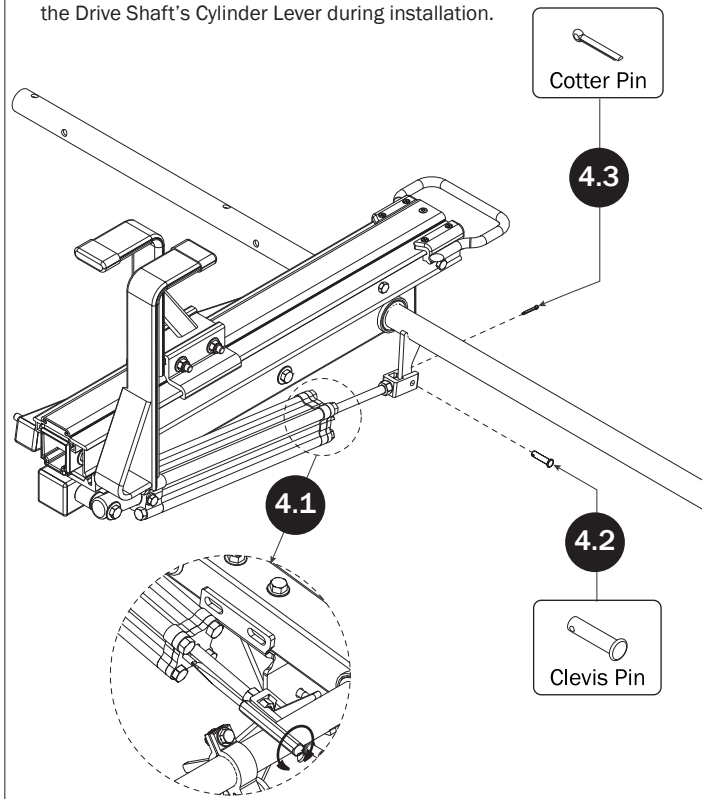


REAR DRIVE SHAFT

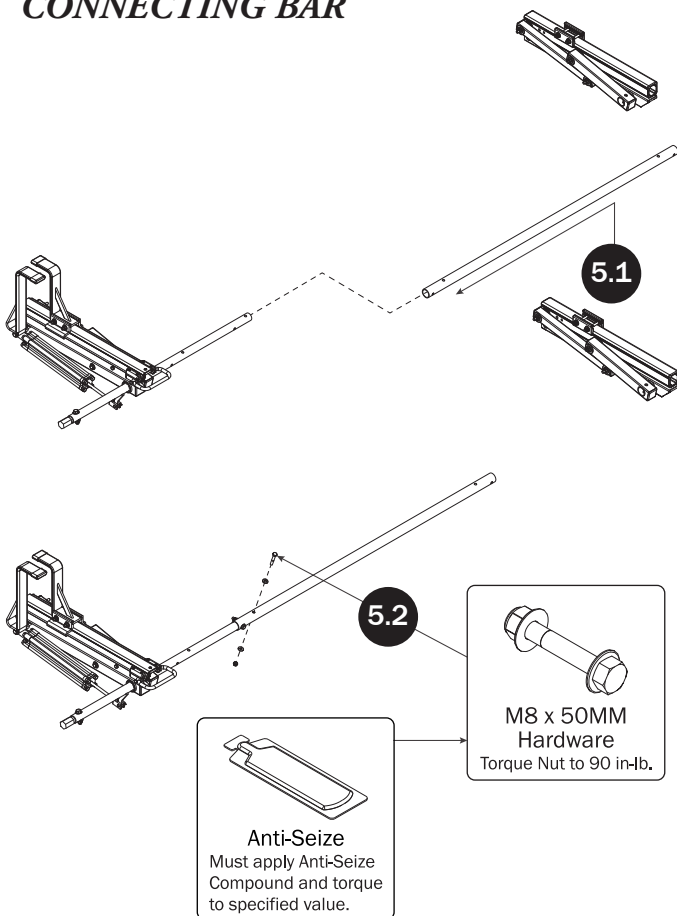


CYLINDER HARDWARE

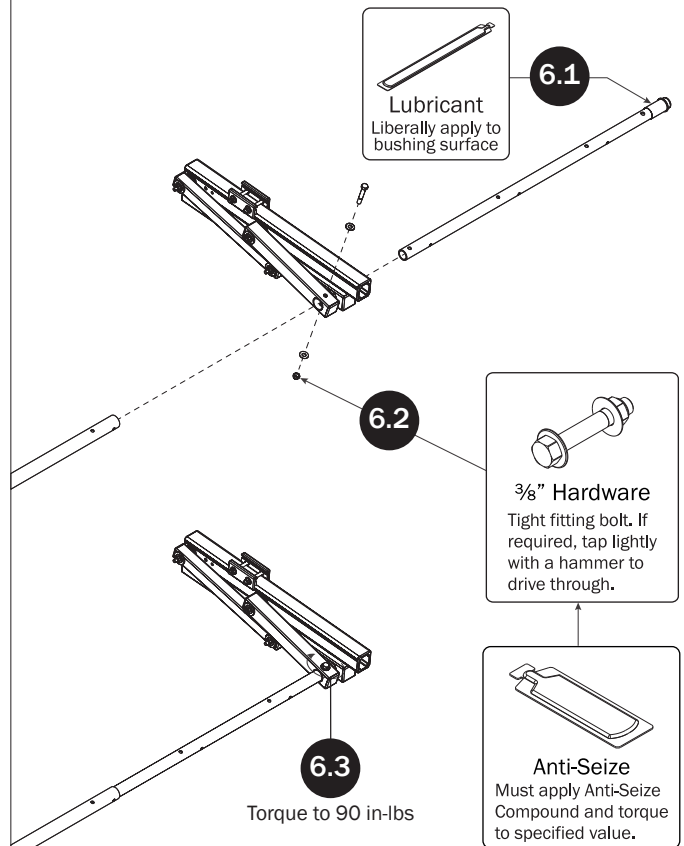
NOTE: Adjusting the Cylinder's Flow Control screw by 1- $\frac{1}{2}$ turns left to default setting will release the Cylinder Rod making it easier to pull the rod toward the Drive Shaft's Cylinder Lever during installation.



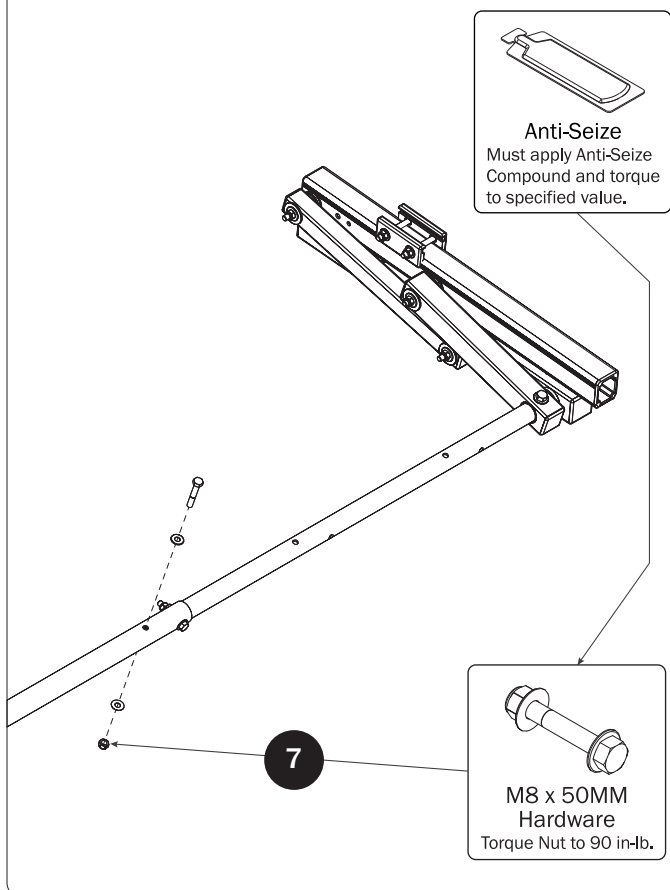
CONNECTING BAR



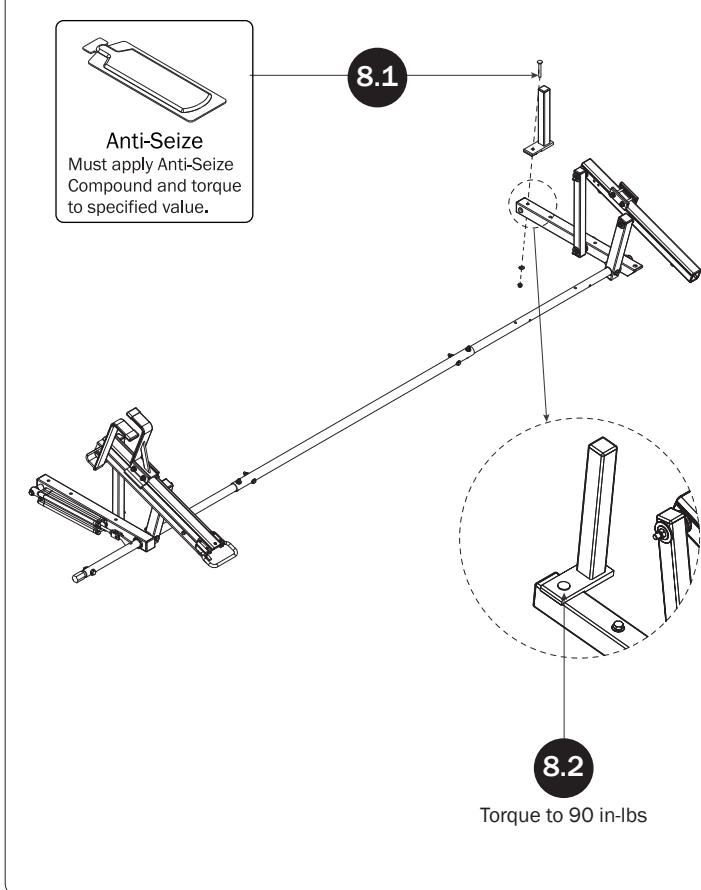
FRONT DRIVE SHAFT



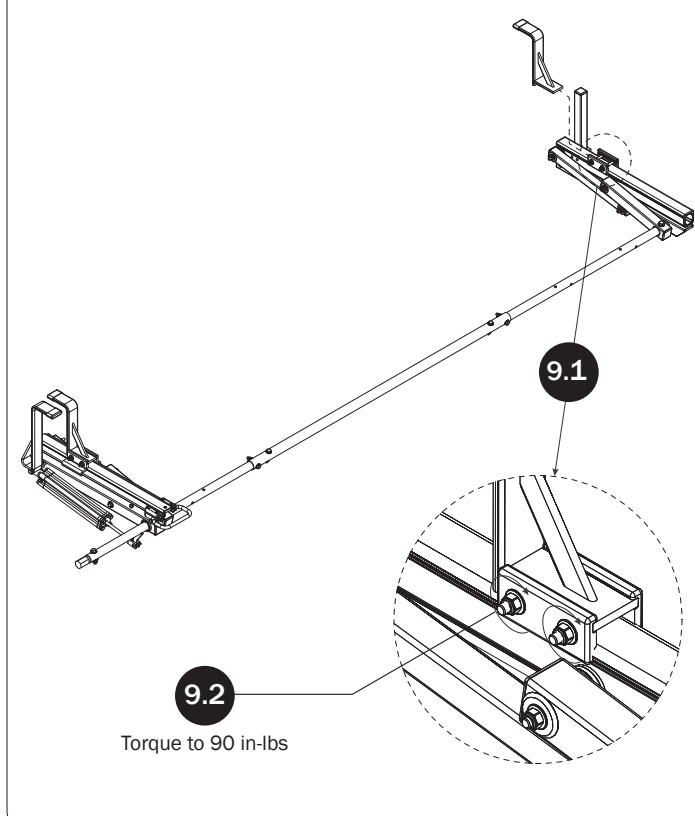
CONNECTING BAR FASTENERS



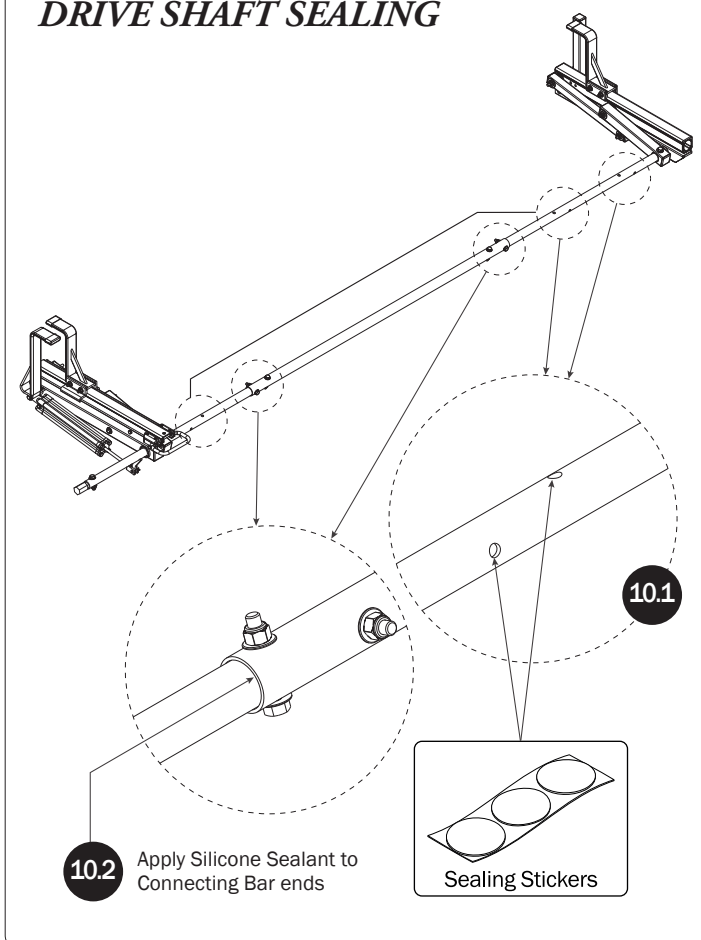
L POSTS



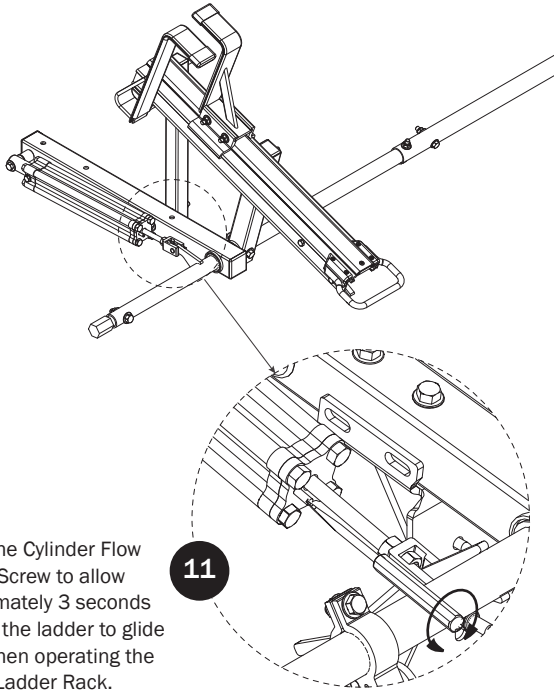
Z POSTS
SEE QUICK START GUIDE FOR ADJUSTMENTS



DRIVE SHAFT SEALING



CYLINDER ADJUSTMENT



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

