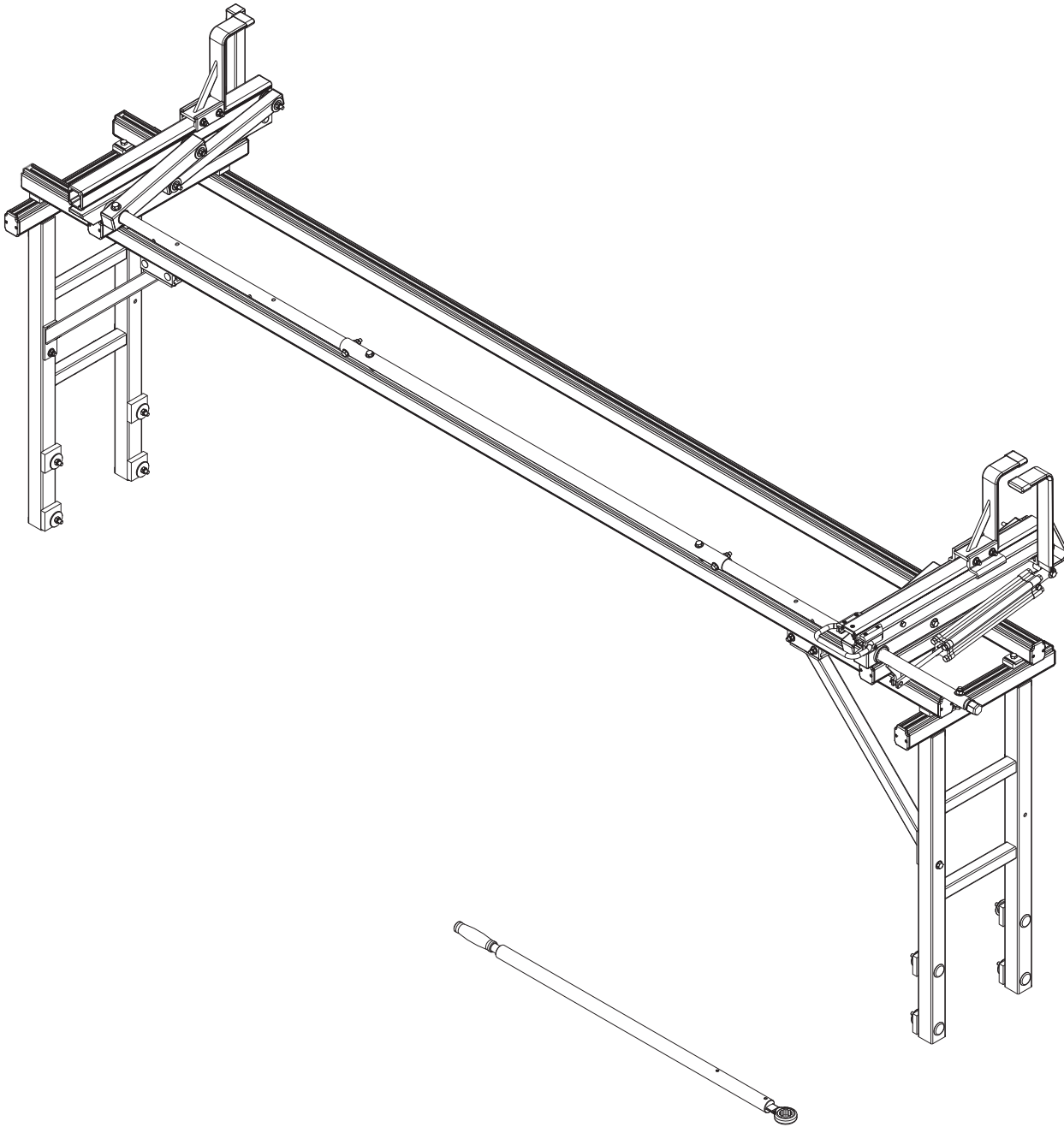


PRIME DESIGN™

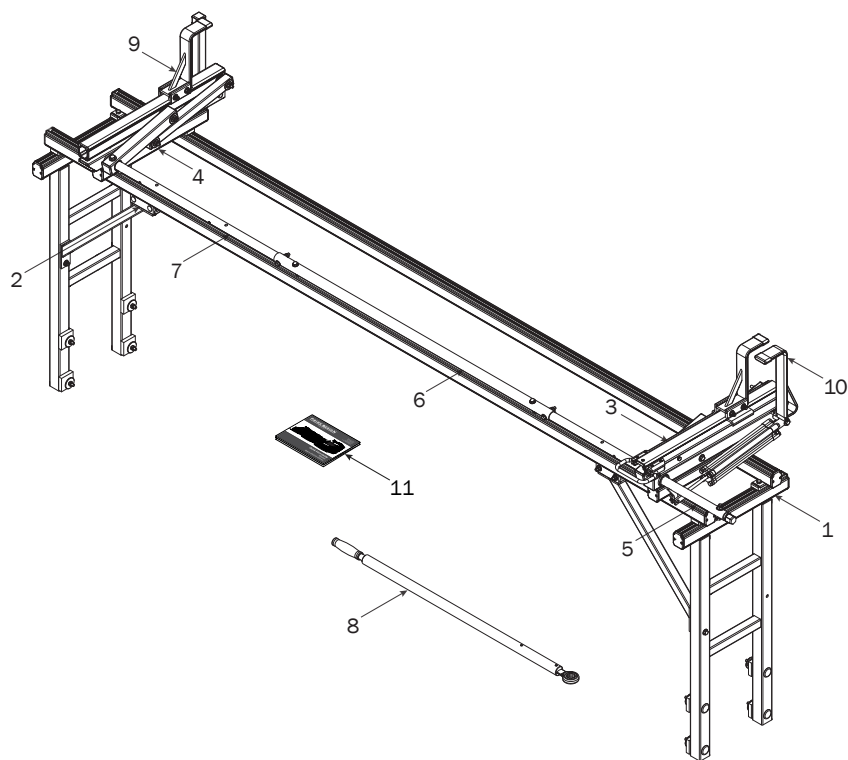
A Safe Fleet Brand



61019
URX

PRIME DESIGN, A SAFE FLEET BRAND

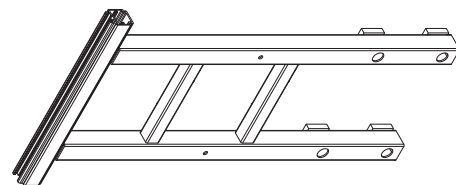
Address: 580 Opperman Drive, Eagan, MN 55123 • Toll Free: 1.8.PRIME.RACK
Fax: 651-552-1799 • Email: info@primedesign.net • Website: www.primedesign.net



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



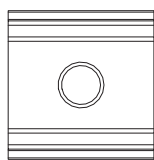
Mounting Brace (2X)



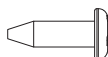
Utility Base Mount (2X)



114".00 Suspension Bar (2X)



M8 Nut Bracket (4X)



End Cap Screw (24X)



End Cap (12X)



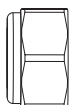
Round Cap (4X)



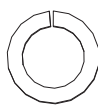
Channel Connector (8X)



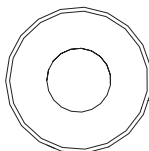
18.00" Suspension Bar (4X)



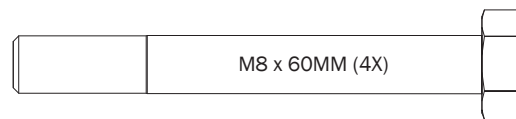
Lock Nut (10X)



Lock Washer (4X)



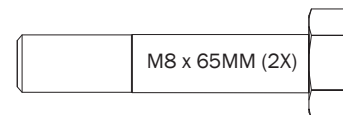
Flat Washer (20X)



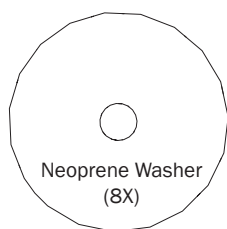
M8 x 60MM (4X)



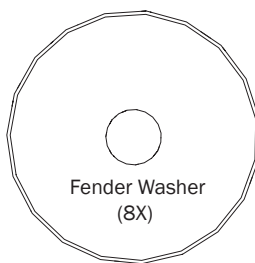
M8 x 45MM (8X)



M8 x 65MM (2X)

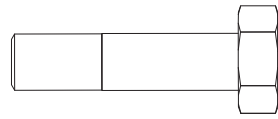


Neoprene Washer
(8X)



Fender Washer
(8X)

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



M8 x 25 MM (1X)



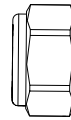
Bottom Connector (1X)



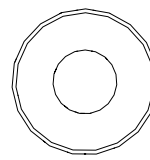
Clamp Connector Pair (1X)



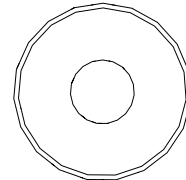
M8 x 60MM (2X)



M8 Lock Nut (3X)

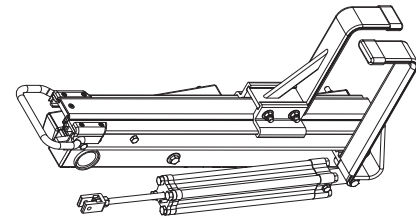


5/16" Flat Washer (3X)

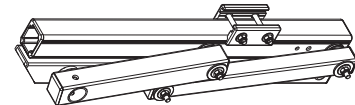


Nylon Washer (1X)

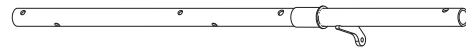
3—Rear Rotation Assembly..... (Qty 1)



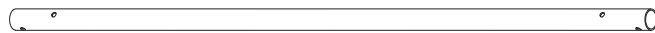
4—Front Rotation Assembly..... (Qty 1)



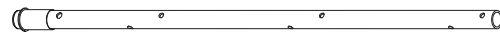
5—Rear Drive Shaft..... (Qty 1)
Left Hand, B4 Version, 50.00"



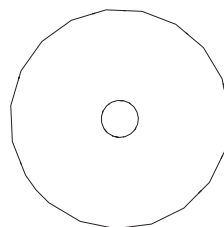
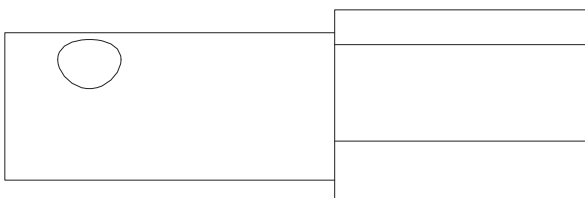
6—Connecting Bar..... (Qty 1)
48.00"



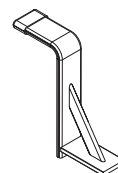
7—Front Drive Shaft (Qty 1)
B Version, 35.75"



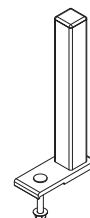
8—Ratcheting Handle Assembly (Qty 1)
With Hardware



9—Z Post (Qty 1)
Adjustable, 7.25"



10—L Post (Qty 1)
9.25"

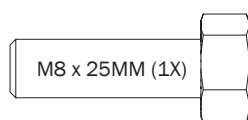


11—USQSG-Ergorack (Qty 1)
Quick Start Guide, Rotation

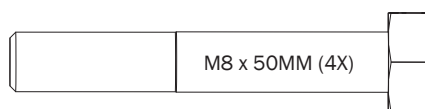
* Once rack installation is complete, place the Quick Start Guide into the vehicle's glove box for future ladder setup and adjustment.



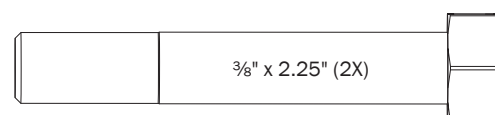
11—HKT-8163 (Not called out in Overview)..... (Qty 1)



M8 x 25MM (1X)



M8 x 50MM (4X)



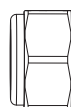
3/8" x 2.25" (2X)



Cotter Pin (1X)



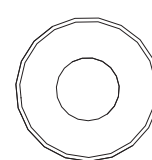
Clevis Pin (1X)



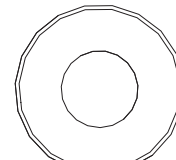
M8 Lock Nut (5X)



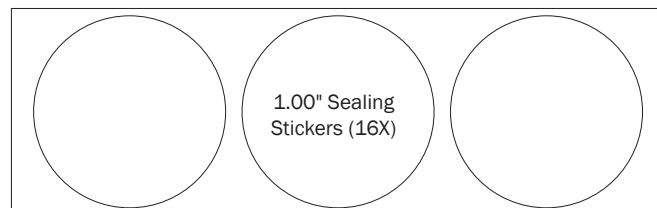
3/8" Lock Nut (2X)



5/16" Flat Washer (10X)



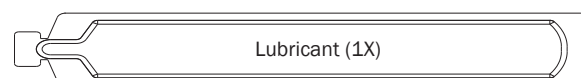
3/8" Flat Washer (4X)



1.00" Sealing
Stickers (16X)



Anti-Seize (1X)

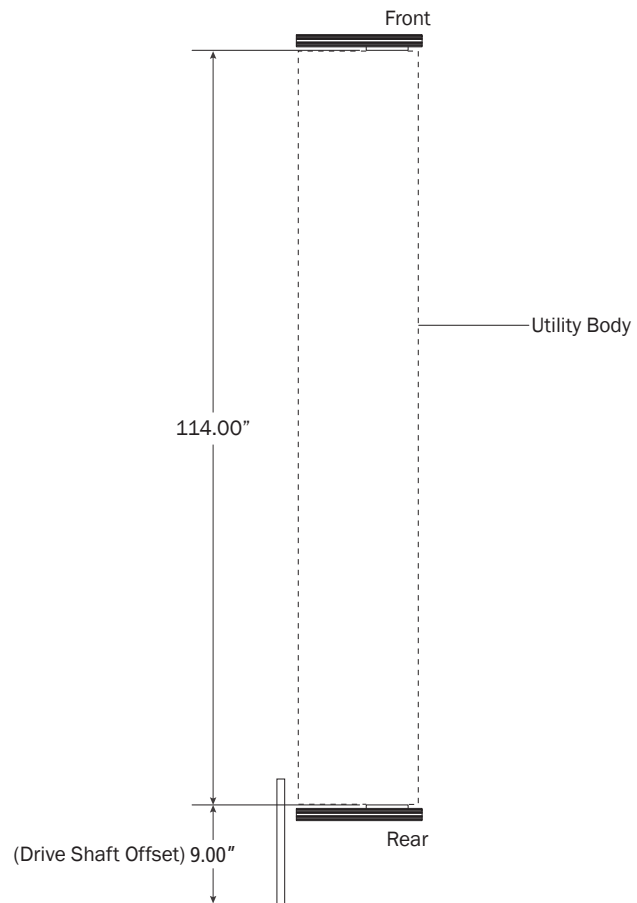
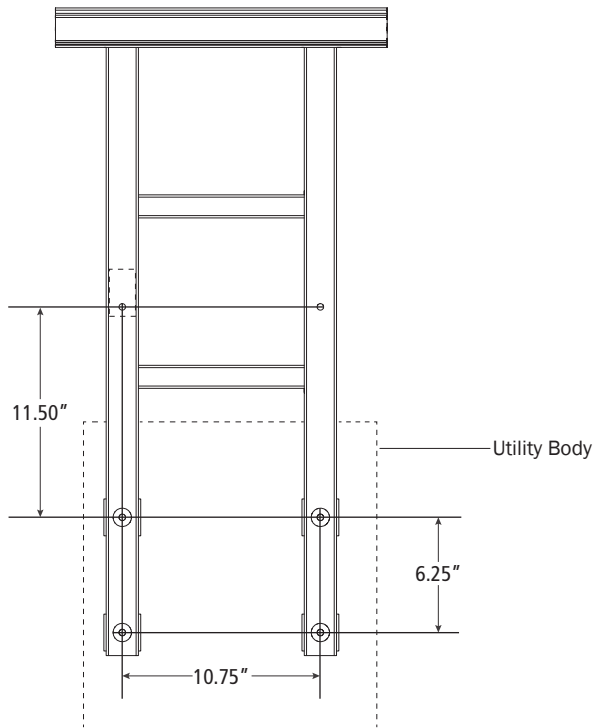


Lubricant (1X)

FBM-0037 MOUNTING

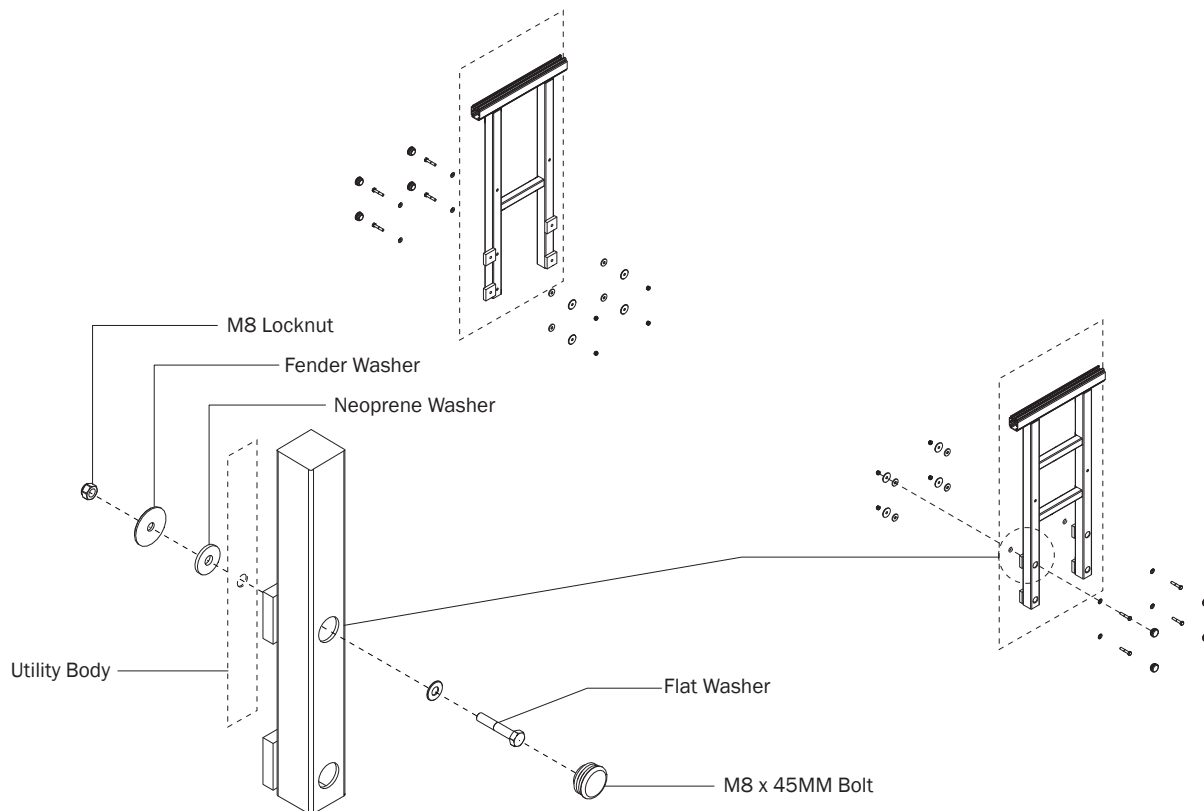
0.1

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)

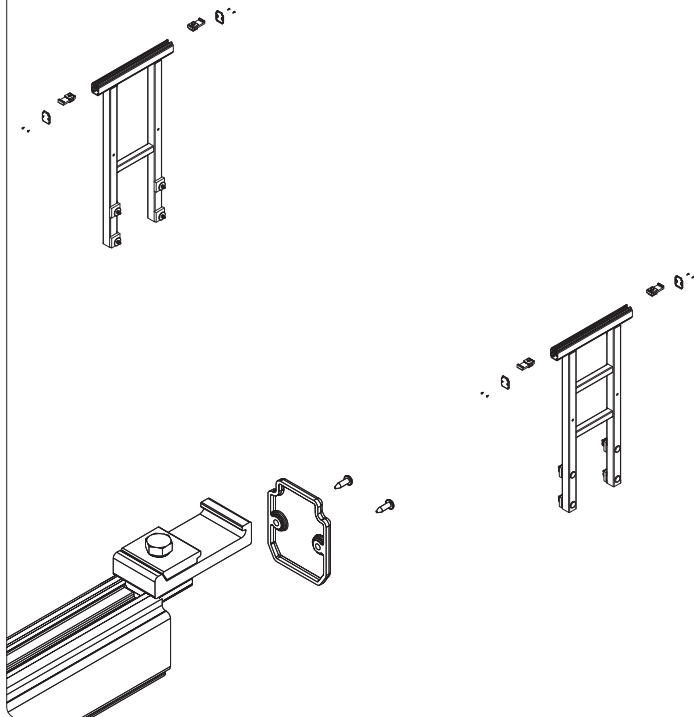


0.2

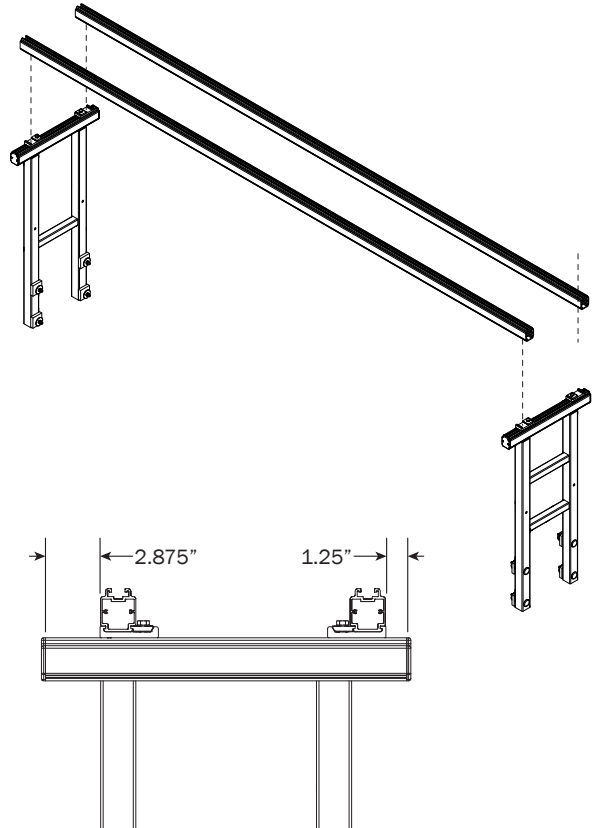
Install Mounts to Utility Body and tighten Bolt Assemblies to 90 in-lbs. Insert the Round Caps from HKT-0150 into the bolt holes.



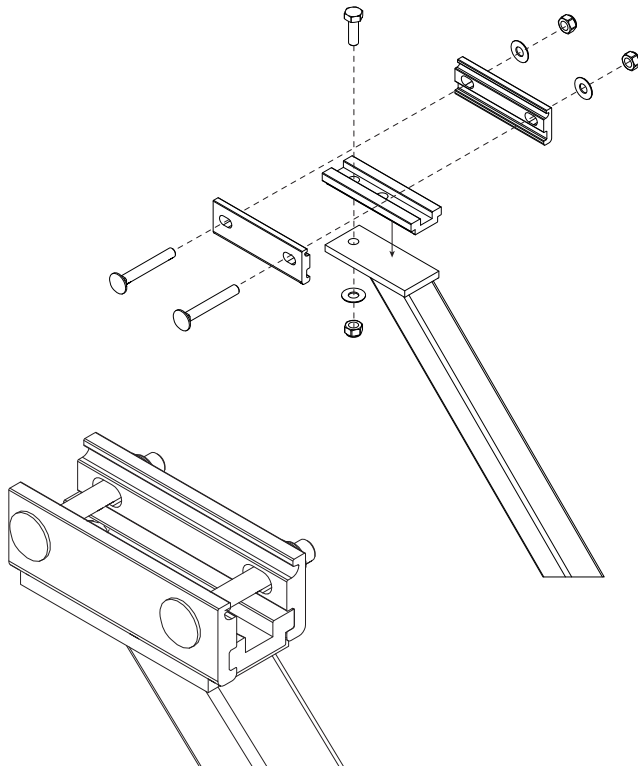
- 0.3** Install Channel Connectors and End Caps as shown.



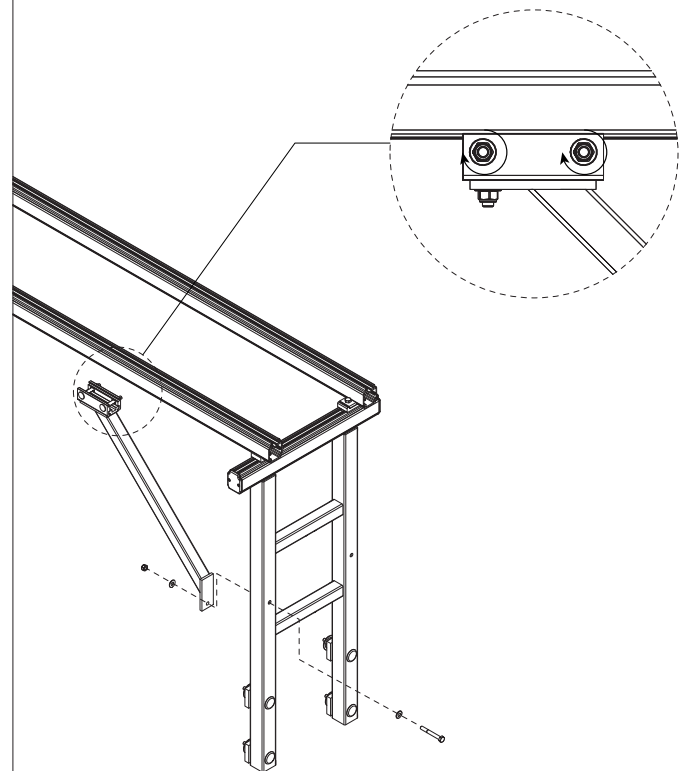
- 0.4** Mount the 114.00" Suspension Bars, and finger tighten into position as shown.



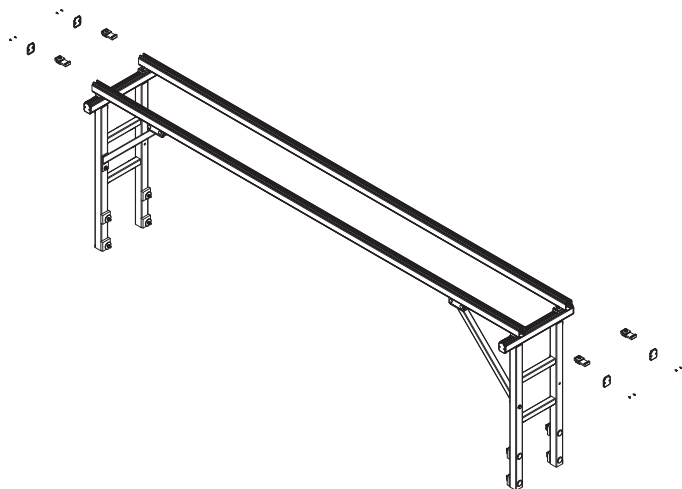
- 0.5** Assemble the WorkPro Clamp onto the Mounting Brace as shown and finger-tighten only.



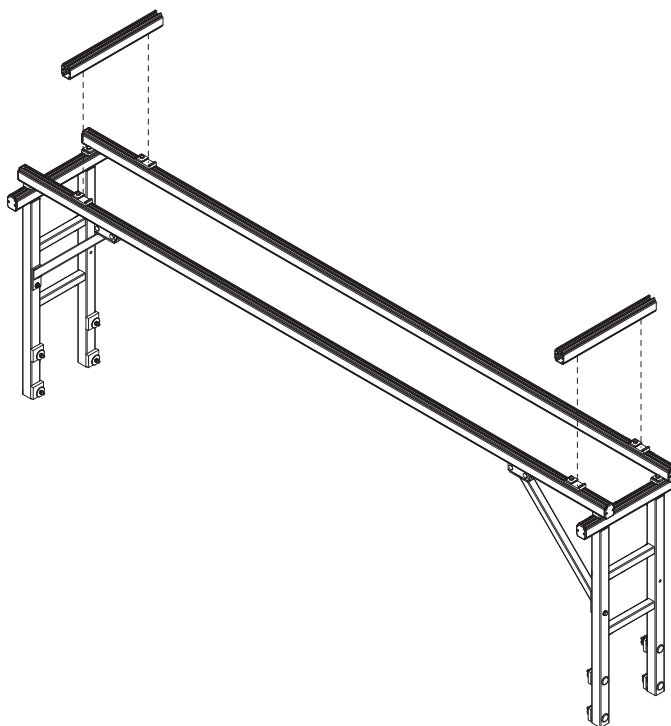
- 0.6** Mount the Brace as shown below and tighten clamp nuts to 90 in-lbs. Repeat Steps 0.5–0.6 for the front end.



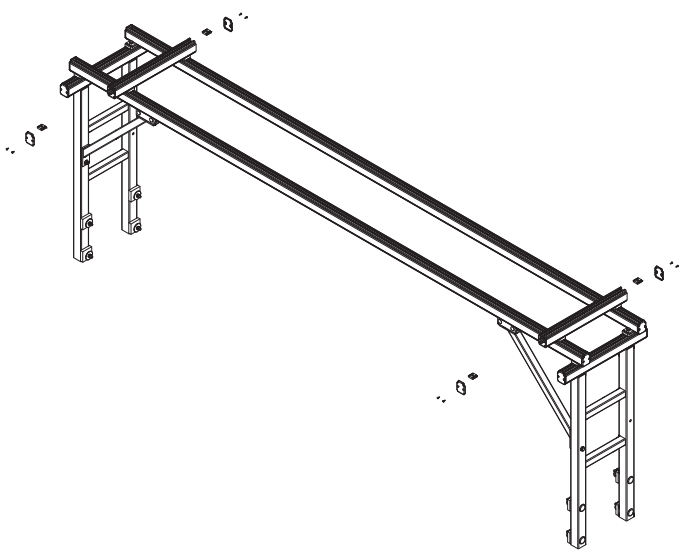
0.7 Install Channel Connectors and End Caps as shown



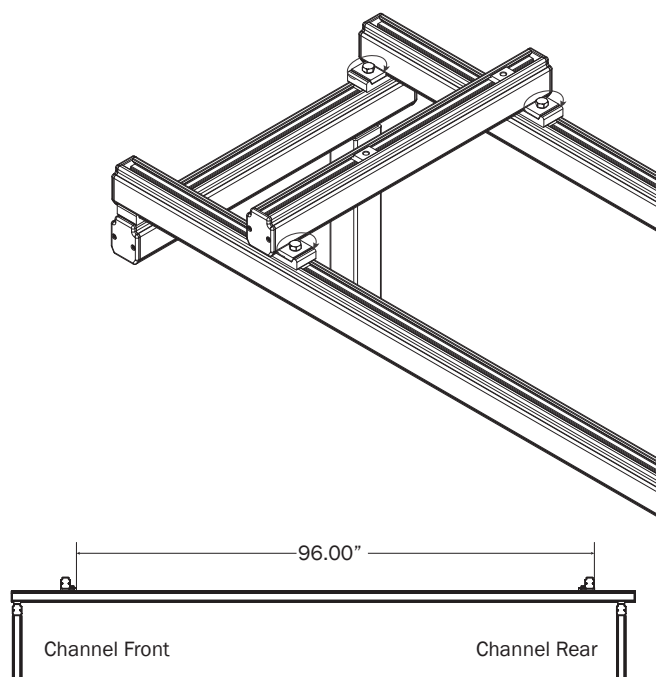
0.8 Mount the final 18.00" Suspension Bars as shown



0.9 Install Strip Nuts and End Caps as shown

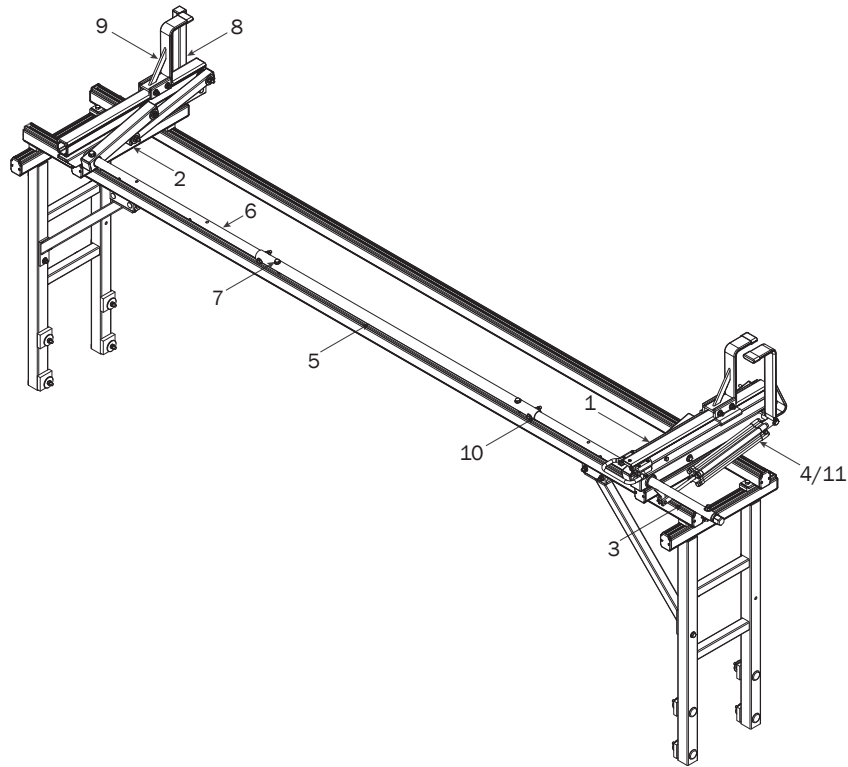


0.10 Position all Brackets on Suspension Bars as shown below for 8.00' (96.00"). Tighten all Bracket nuts to 90 in-lbs.

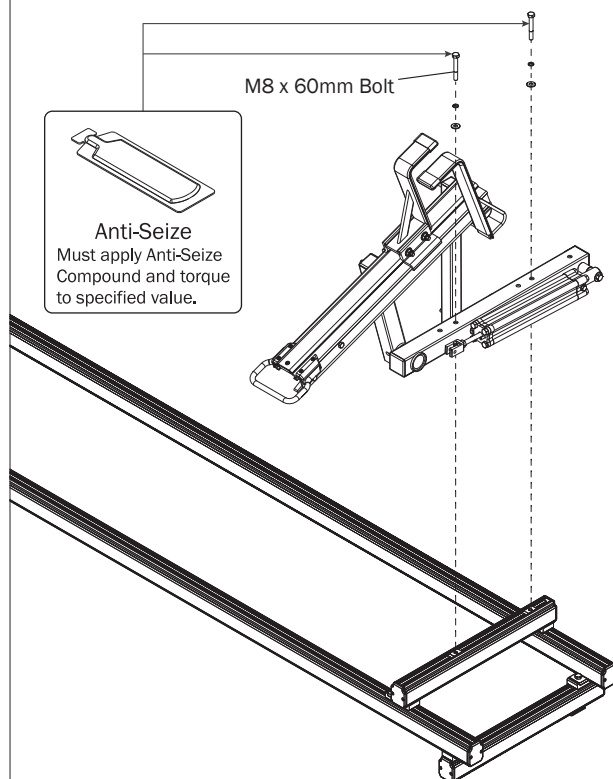


LEFT ROTATION ASSEMBLY SEQUENCE

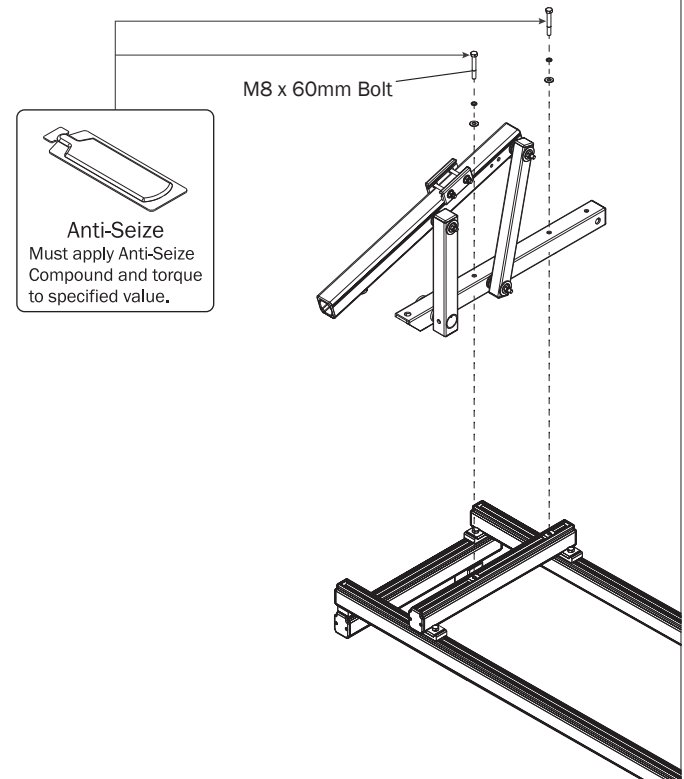
NOTE: For instructional clarity, the FBM Mounting System will not be shown for the remainder of this Assembly Manual.

**REAR ROTATION ASSEMBLY**

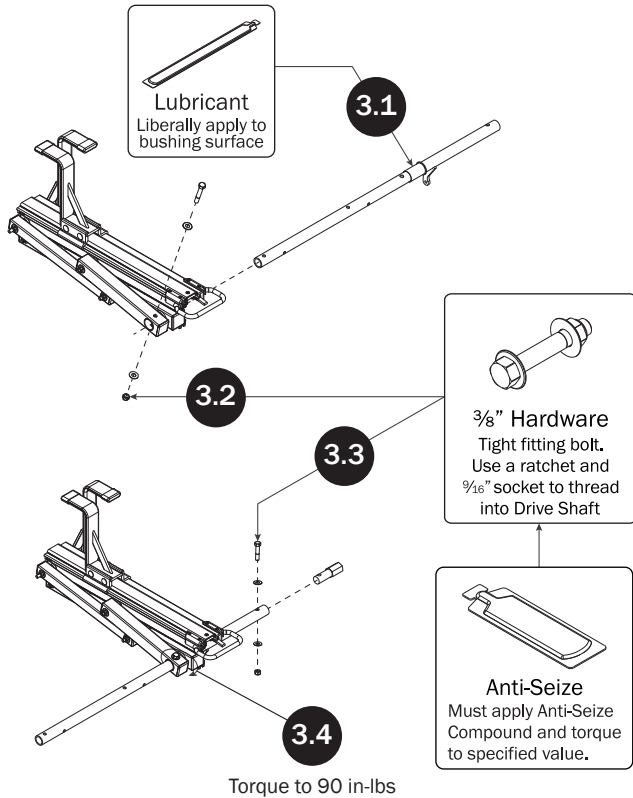
- 1** Place Rear Crossbar onto FBM as shown and torque to 90 in-lbs.

**FRONT ROTATION ASSEMBLY**

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

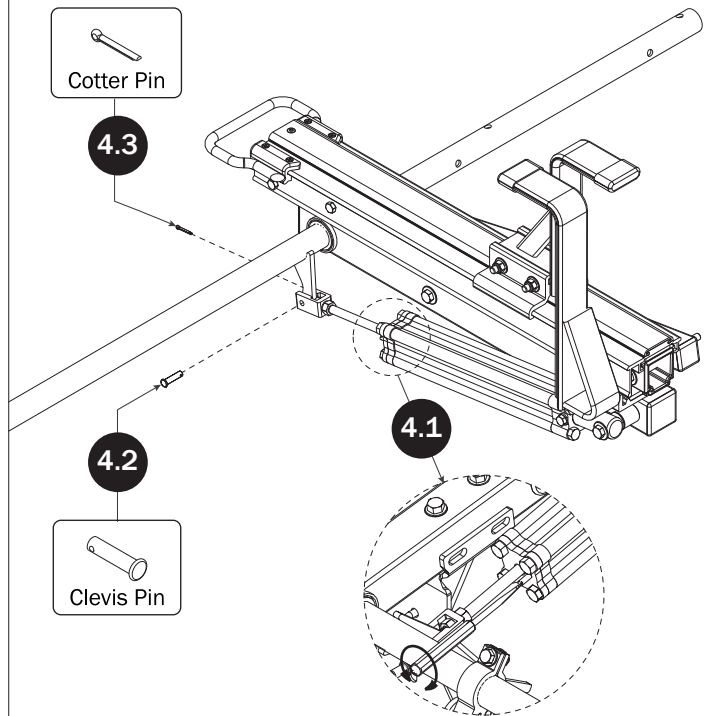


REAR DRIVE SHAFT

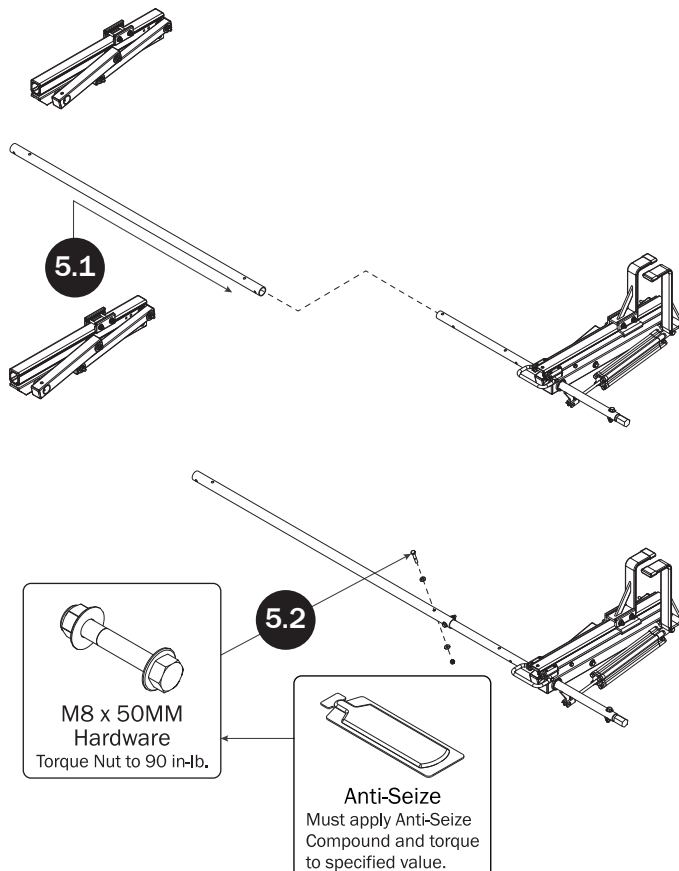


CYLINDER HARDWARE

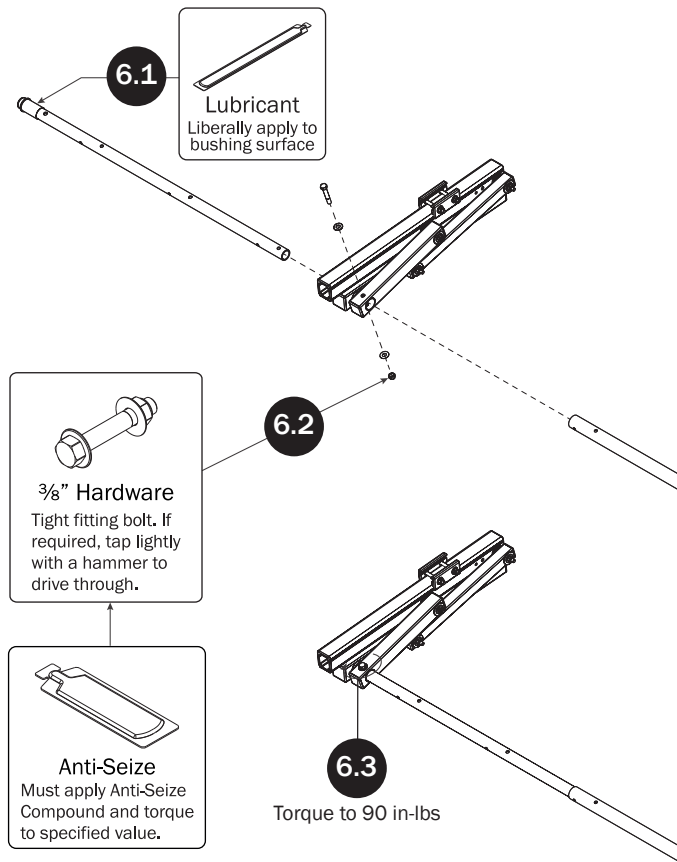
NOTE: Adjusting the Cylinder's Flow Control screw by 1-½ turns left to default setting will release the Cylinder Rod making it easier to pull the rod toward the Drive Shaft's Cylinder Lever during installation.

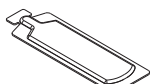


CONNECTING BAR

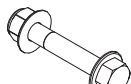
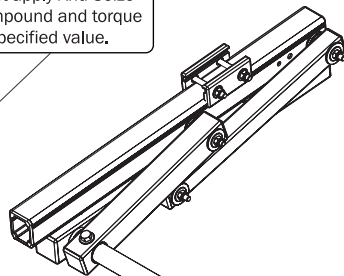


FRONT DRIVE SHAFT



CONNECTING BAR FASTENERS

Anti-Seize
Must apply Anti-Seize
Compound and torque
to specified value.

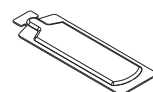


**M8 x 50MM
Hardware**
Torque Nut to 90 in-lb.

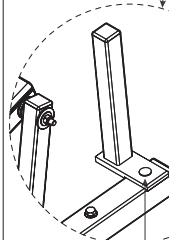
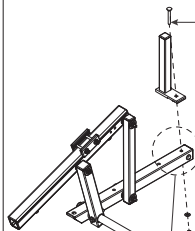
7

L POSTS

8.1



Anti-Seize
Must apply Anti-Seize
Compound and torque
to specified value.

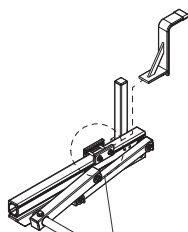


8.2

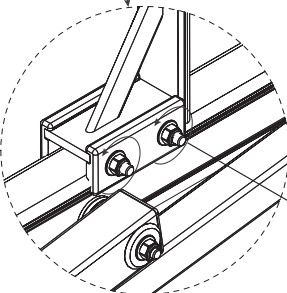
Torque to 90 in-lbs

Z POSTS

SEE QUICK START GUIDE FOR ADJUSTMENTS

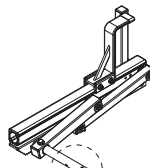


9.1

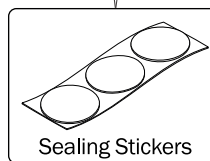


9.2

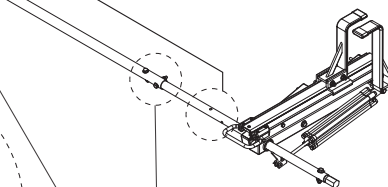
Torque to 90 in-lbs

DRIVE SHAFT SEALING

10.1



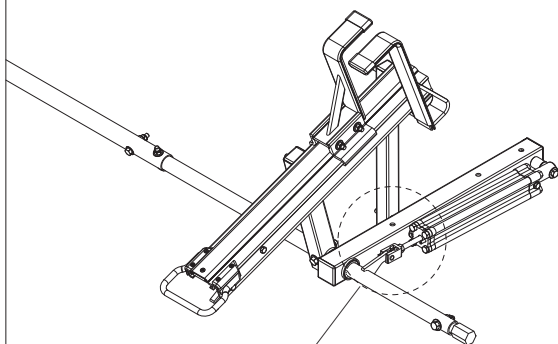
Sealing Stickers



Apply Silicone Sealant to
Connecting Bar ends

10.2

CYLINDER ADJUSTMENT



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

