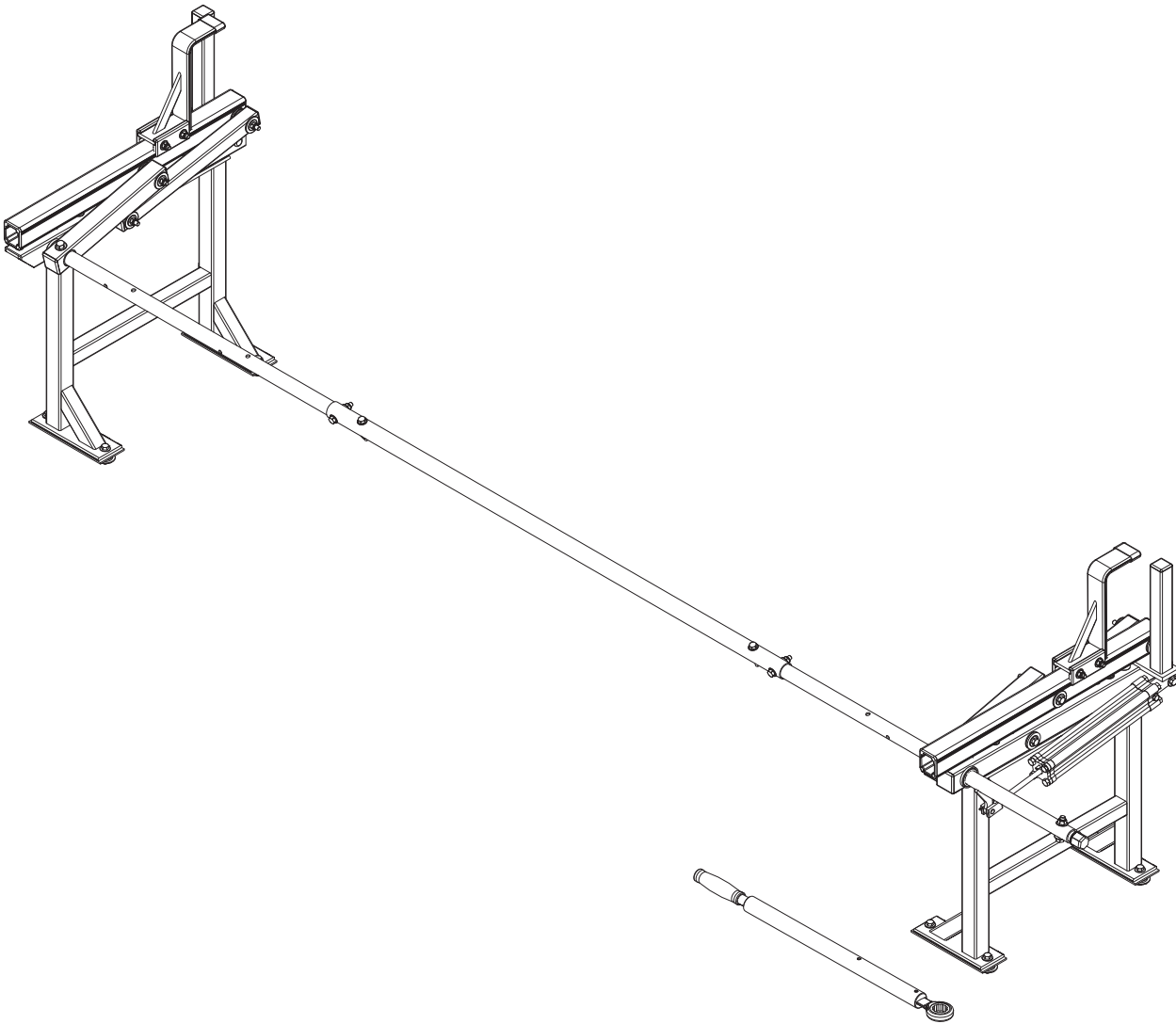


PRIME DESIGN™

A Safe Fleet Brand

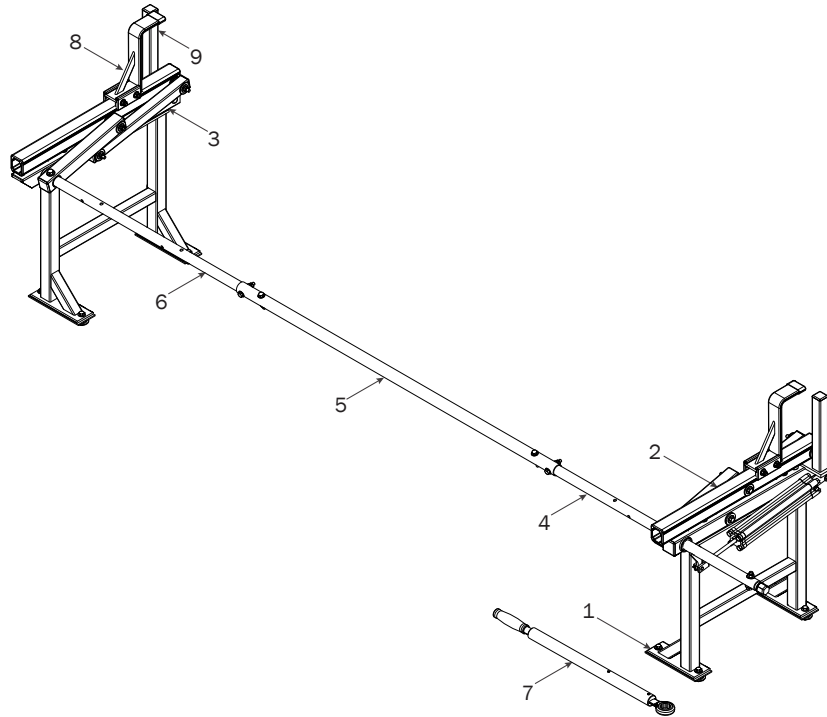


URX 006FA

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CONTENTS OVERVIEW



1—Utility Base Standing Mount..... (Qty 2)

2—Rear Rotation Assembly..... (Qty 1)

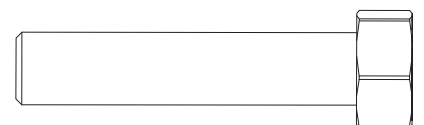
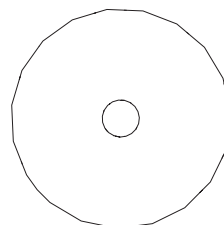
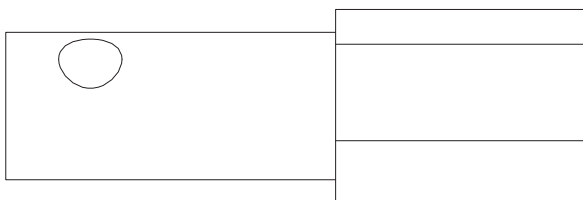
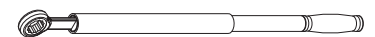
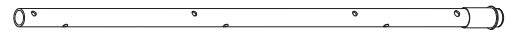
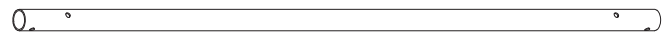
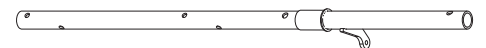
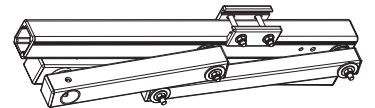
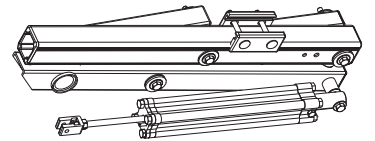
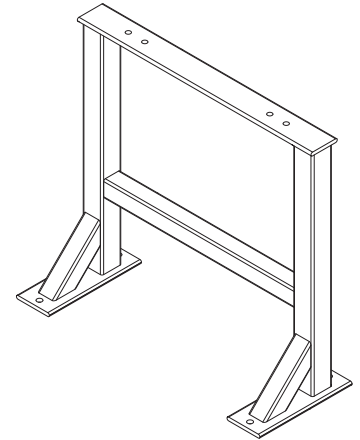
3—Front Rotation Assembly..... (Qty 1)

4—Rear Drive Shaft..... (Qty 1)
Left Hand, Hex, 34.00”

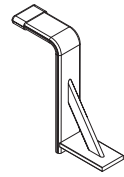
5—Connecting Bar..... (Qty 1)
48.00”

6—Front Drive Shaft..... (Qty 1)
B Version, 35.75”

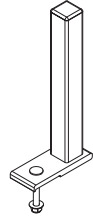
7—Ratcheting Handle Assembly (Qty 1)
With Hardware



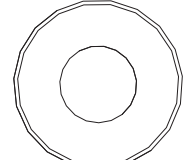
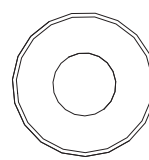
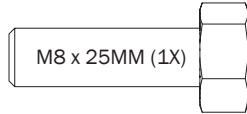
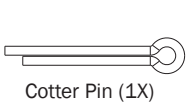
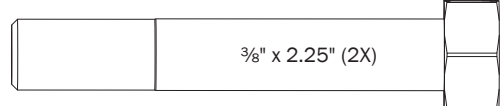
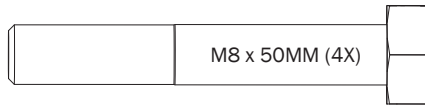
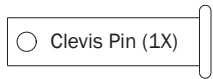
8—Z Post (Qty 2)
Adjustable, 7.25"



9—L Post (Qty 2)
9.25"



HKT-8163-Rotation Hardware Kit

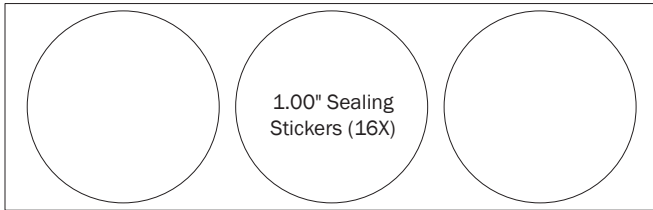


M8 Lock Nut (5X)

3/8" Lock Nut (2X)

5/16" Flat Washer (10X)

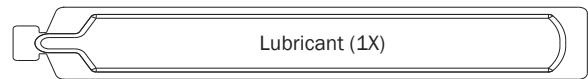
3/8" Flat Washer (4X)



1.00" Sealing Stickers (16X)

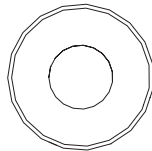
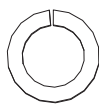
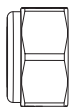


Anti-Seize (1X)



Lubricant (1X)

HKT-0122 Mounting Hardware Kit



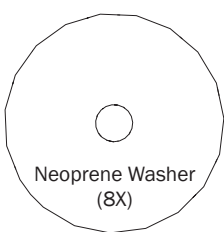
Lock Nut (12X)

Lock Washer (4X)

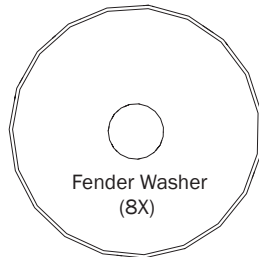
Flat Washer (8X)



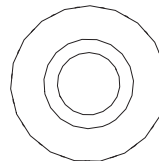
M8 x 70MM (4X)



Neoprene Washer (8X)



Fender Washer (8X)



Sealing Washer (8X)



M8 x 35MM (8X)

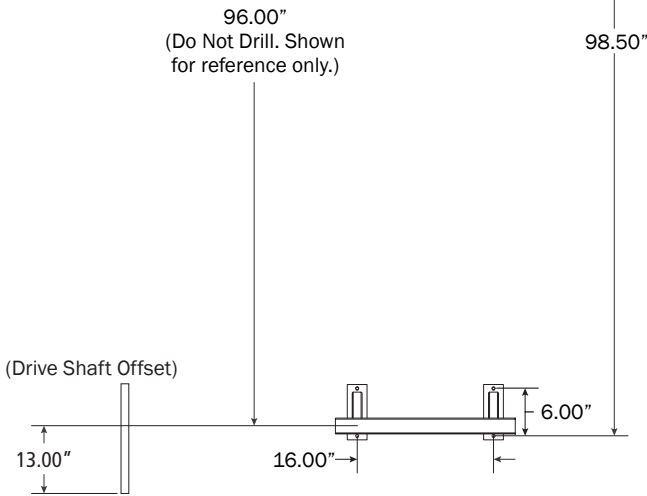


Anti-Seize (1X)

MOUNTING BRACKETS
BRACKET PRE-ASSEMBLY (5' - 8')

0.1

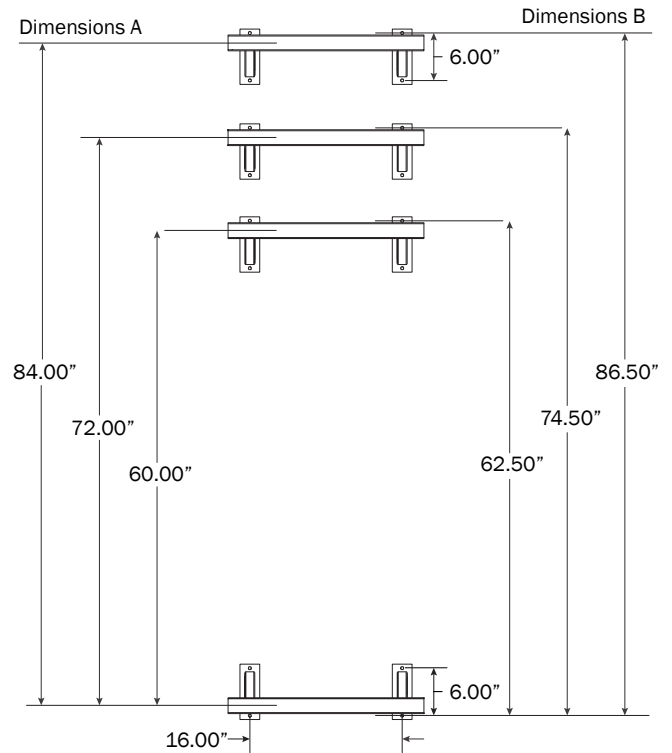
Drill holes into the Service Body mounting location according to dimensions shown for 8.00 ft rack configuration. The rear drive shaft must not extend past the vehicle bumper (see offset below).



0.2

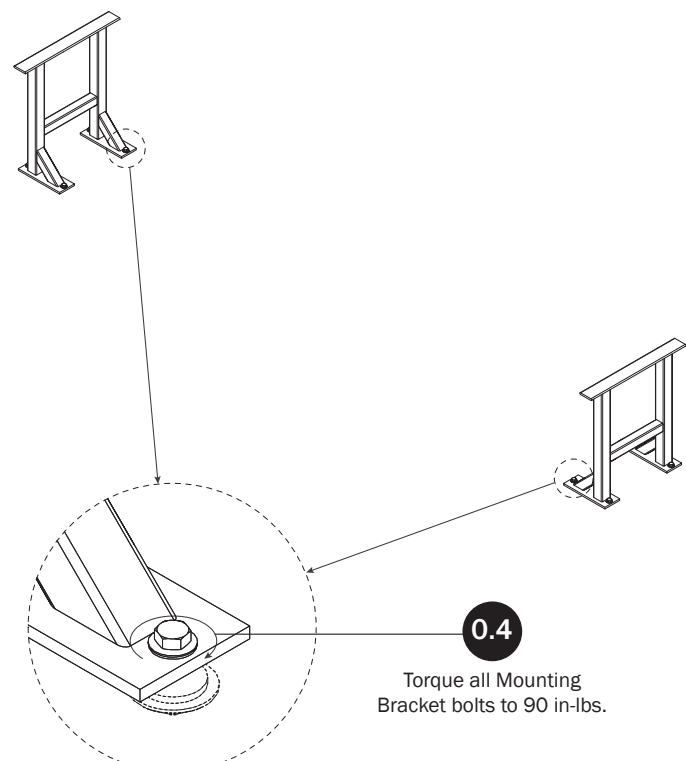
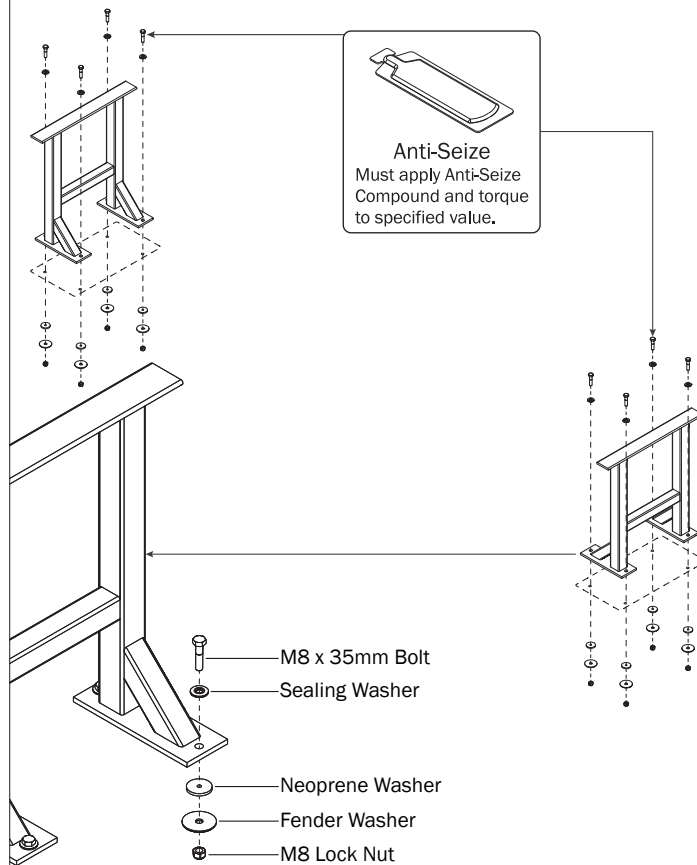
Dimensions shown below are for 5' (60.00"), 6' (72.00"), and 7' (84.00") spacing.

Dimensions A are measured from center to center of top mounting rail. Dimensions B are measured from outside Bracket Hole to outside Bracket Hole.



0.3

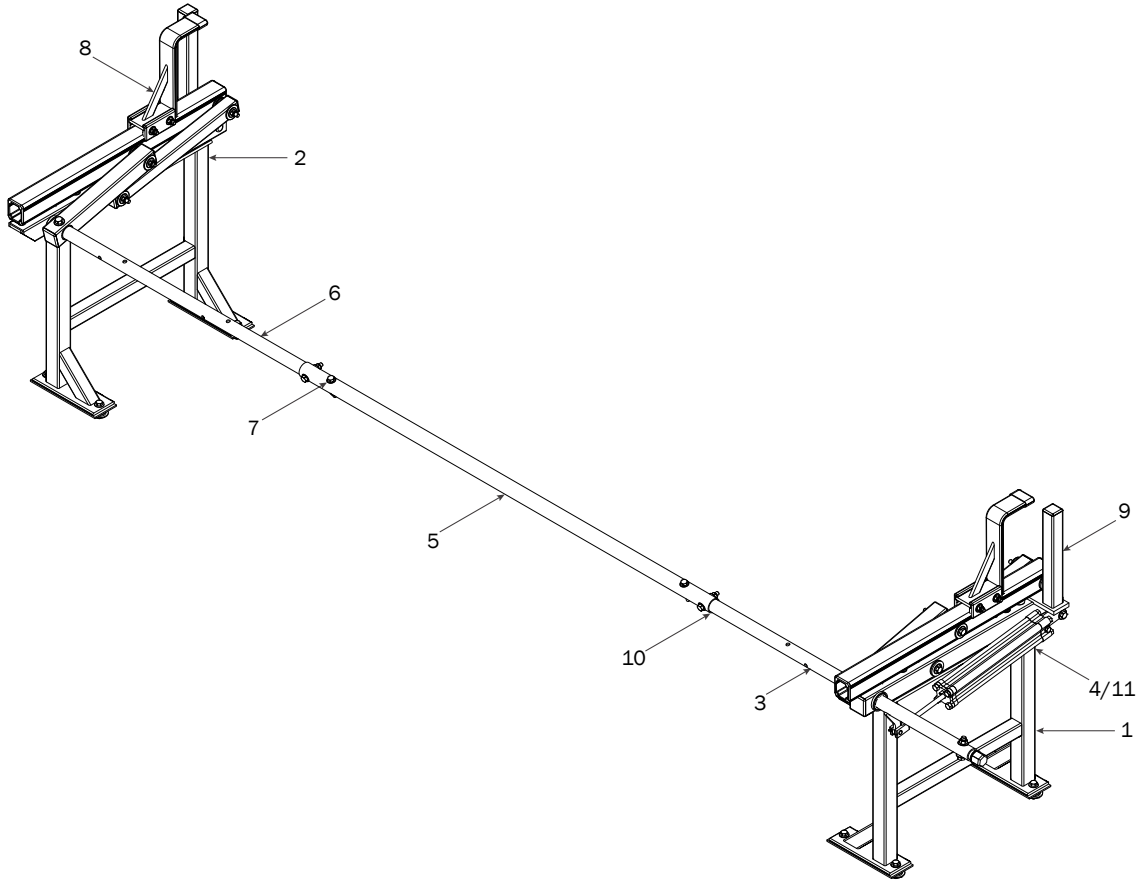
Apply Anti-Seize compound to Mounting Bracket bolts. The shorter bolt assemblies are on the outside as shown.



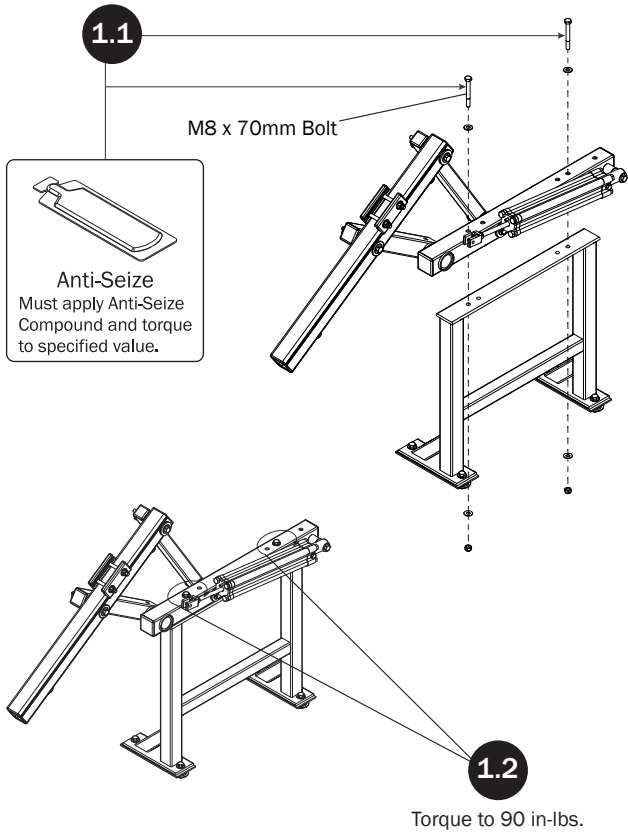
0.4

Torque all Mounting Bracket bolts to 90 in-lbs.

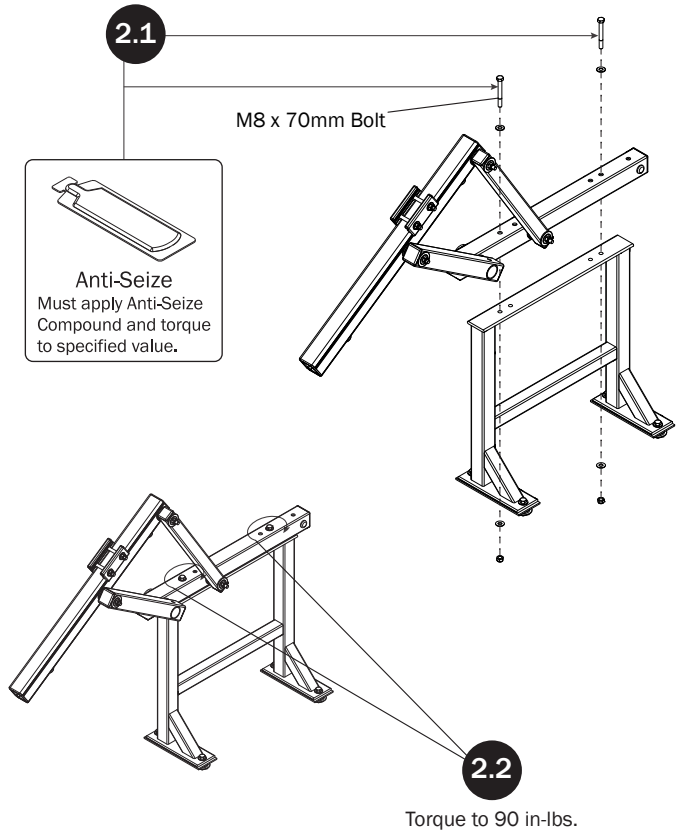
RIGHT ROTATION ASSEMBLY SEQUENCE



REAR ROTATION ASSEMBLY

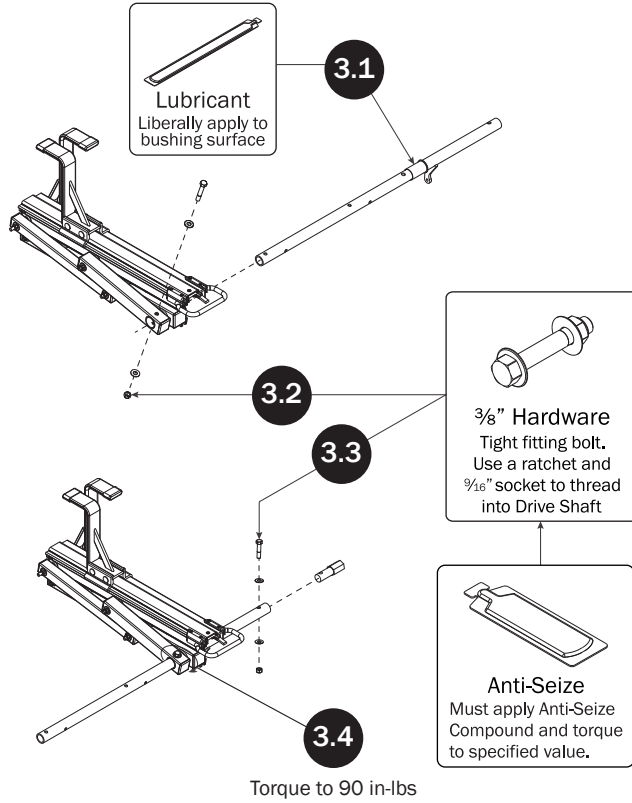


FRONT ROTATION ASSEMBLY

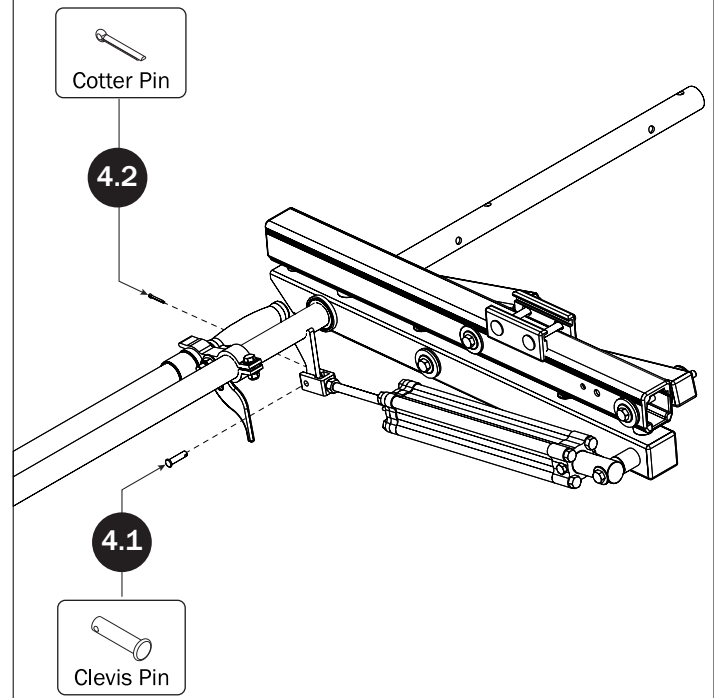


REAR DRIVE SHAFT

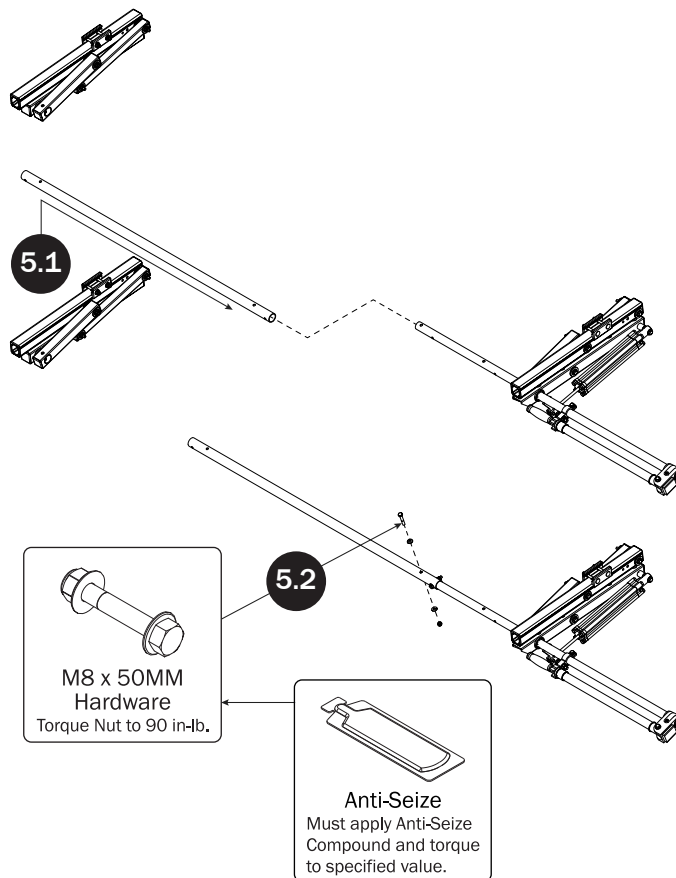
NOTE: For instructional clarity, the FBM Mounting System will not be shown for the remainder of this Assembly Manual.



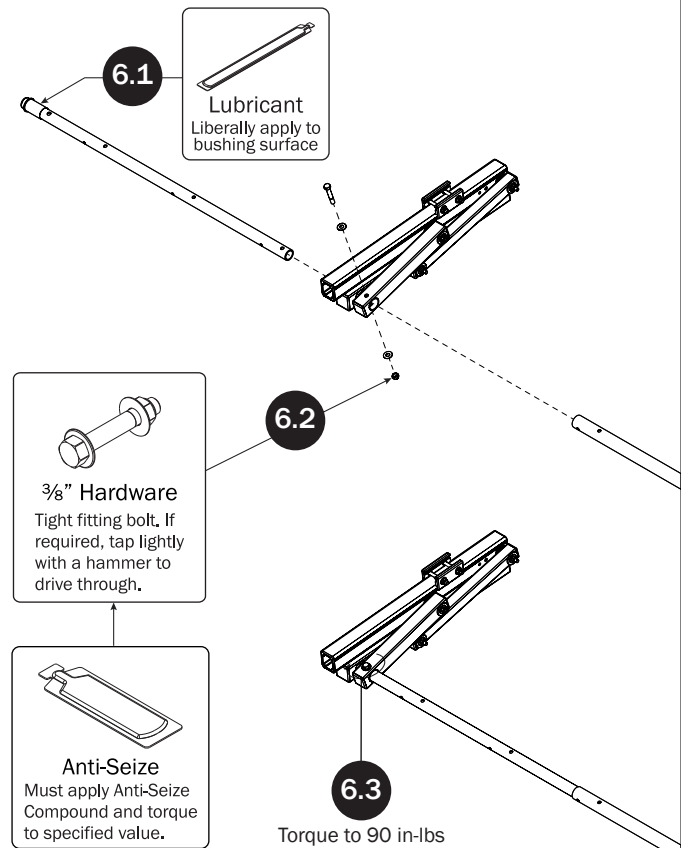
CYLINDER HARDWARE



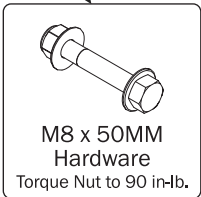
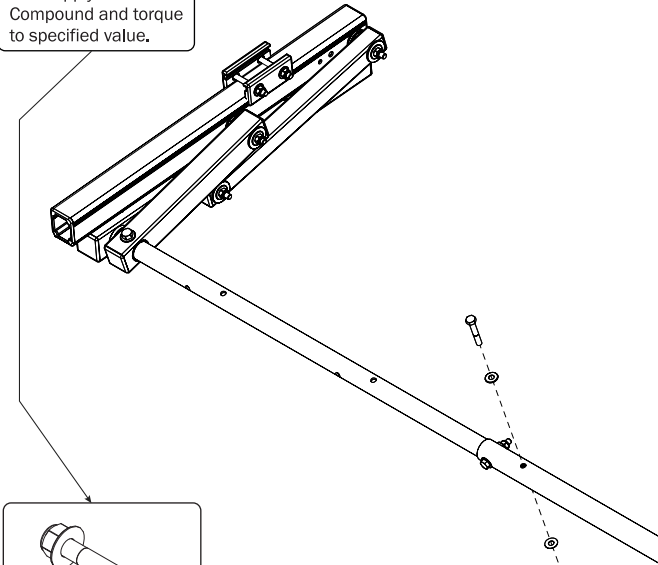
CONNECTING BAR



FRONT DRIVE SHAFT

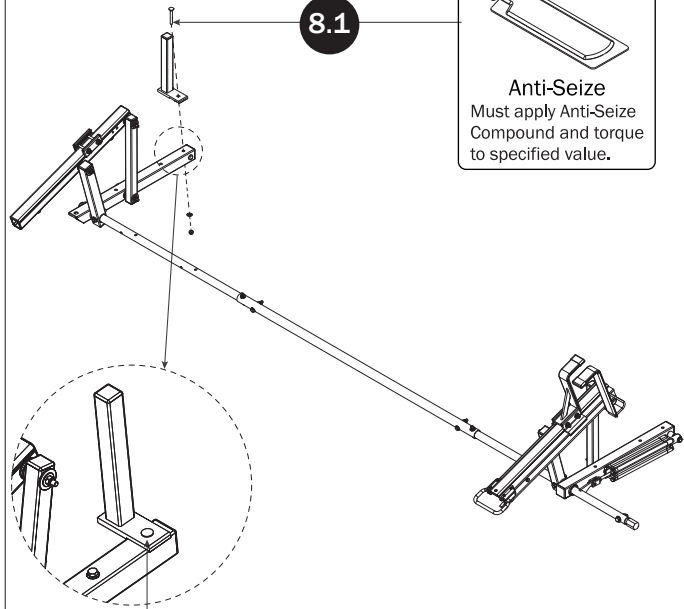
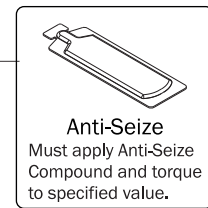


CONNECTING BAR FASTENERS

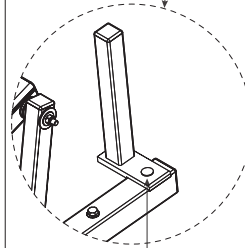


7

L POSTS



8.1

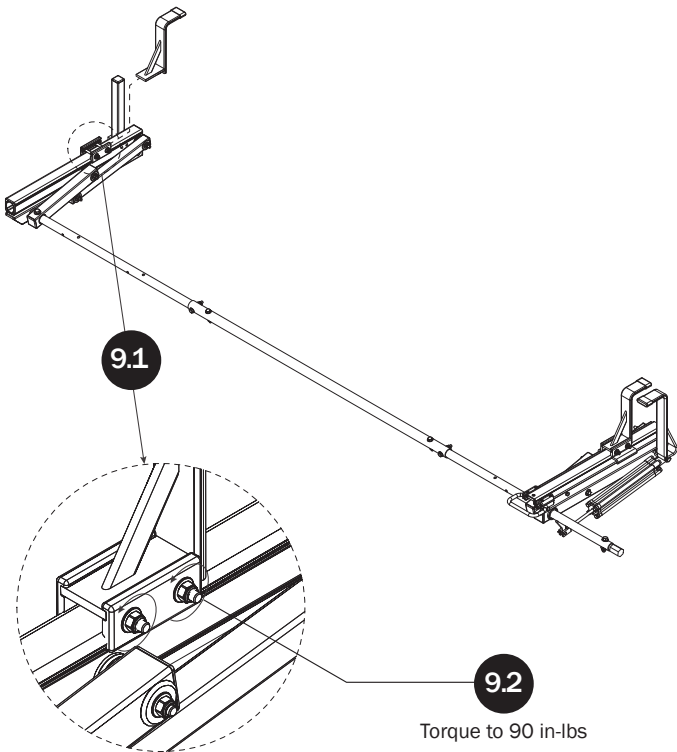


8.2

Torque to 90 in-lbs

Z POSTS

SEE QUICK START GUIDE FOR ADJUSTMENTS

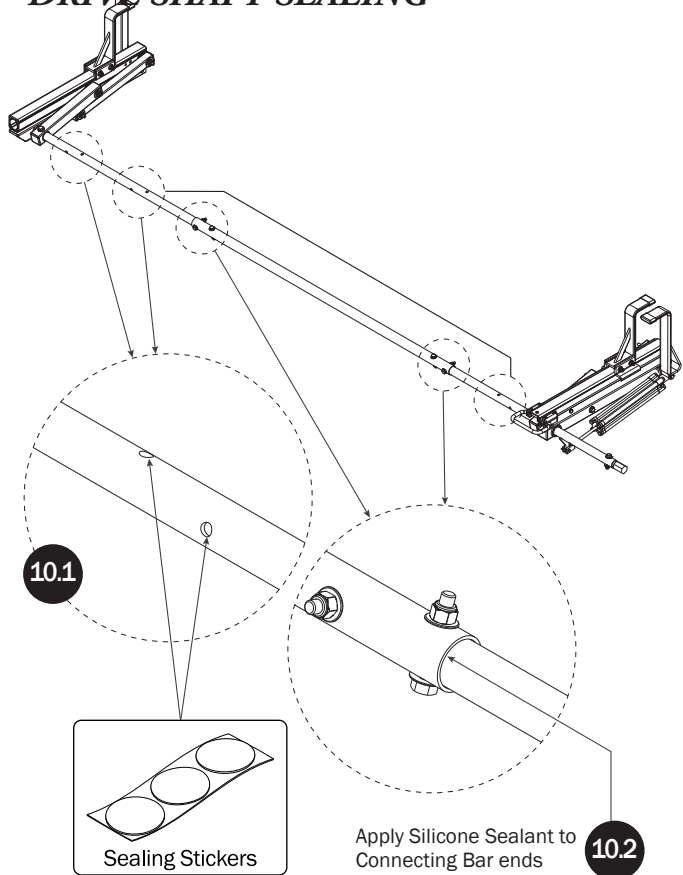


9.1

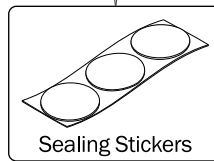
9.2

Torque to 90 in-lbs

DRIVE SHAFT SEALING



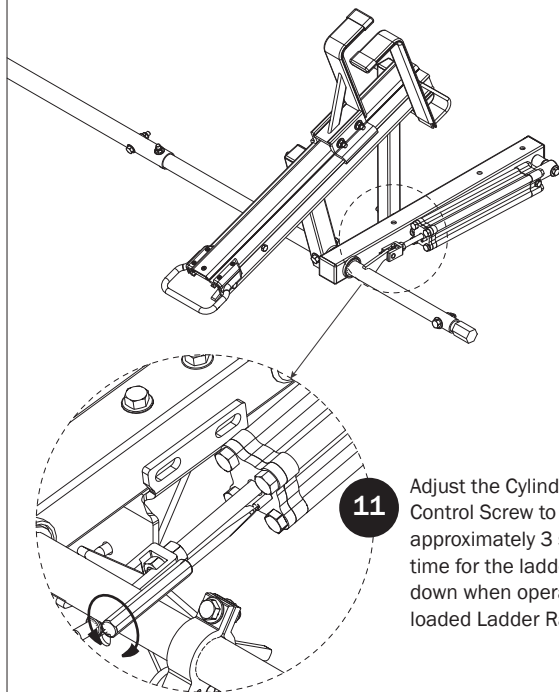
10.1



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.

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