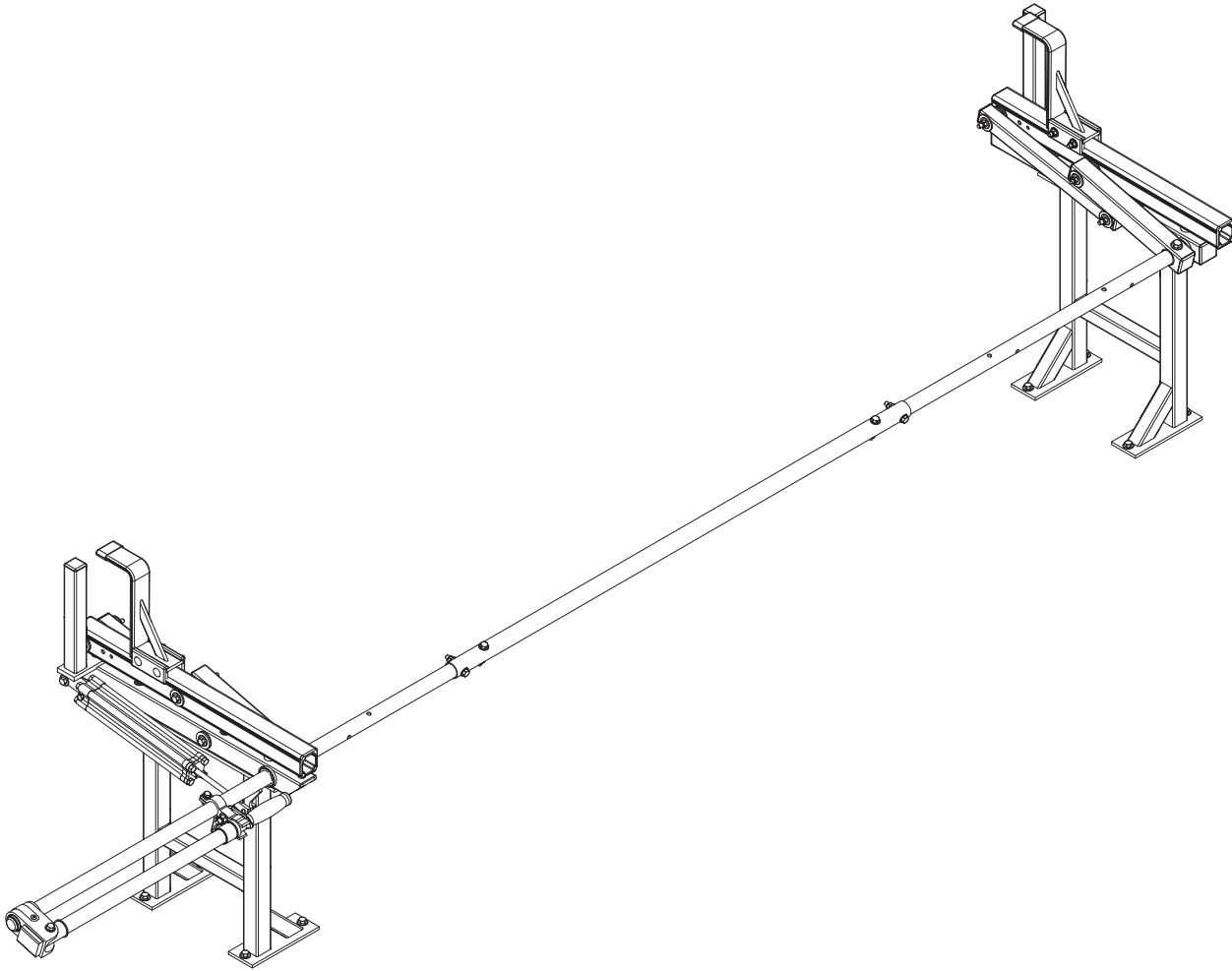


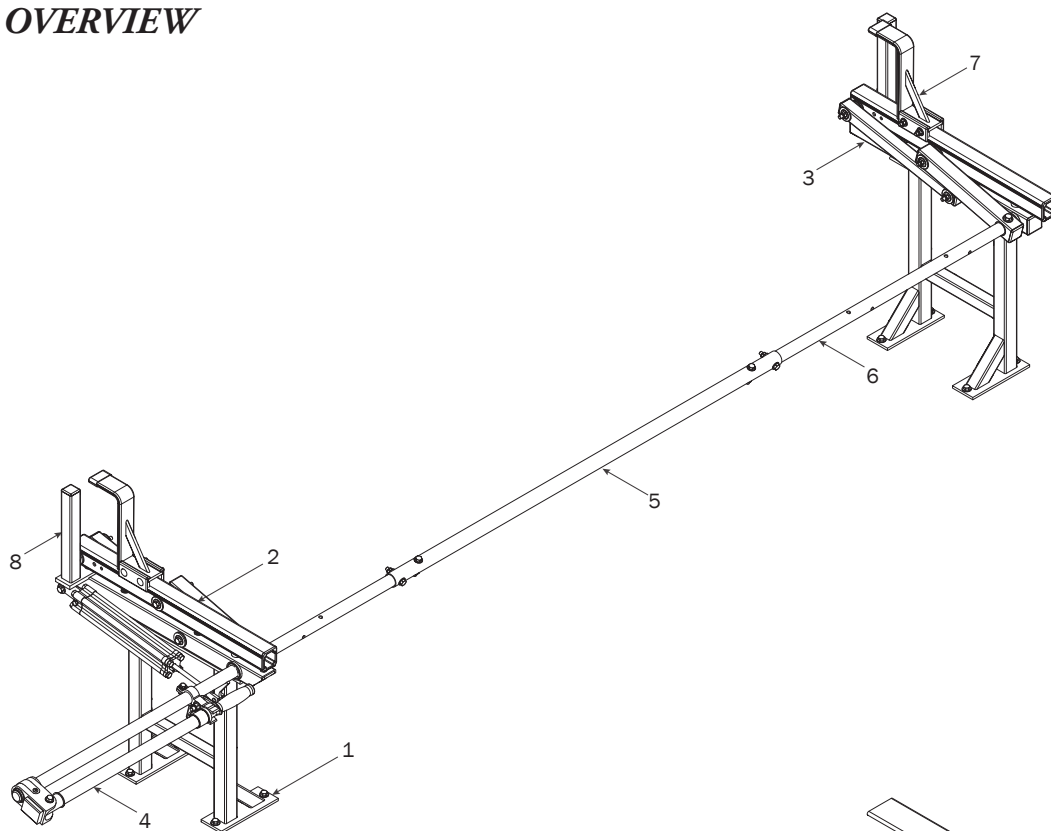
# PRIME DESIGN™

A Safe Fleet Brand

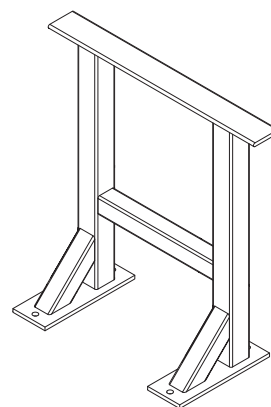


# UXR 001AF

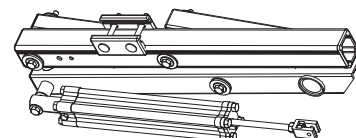
# CONTENTS OVERVIEW



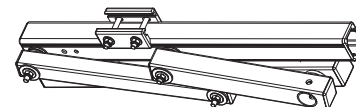
1—Utility Base Standing Mount..... (Qty 2)



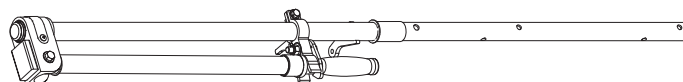
2—Rear Rotation Assembly..... (Qty 1)



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



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



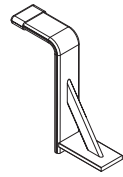
5—Connecting Bar..... (Qty 1)  
48.00"



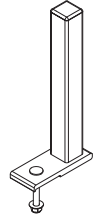
6—Front Drive Shaft..... (Qty 1)  
B Version, 35.75"



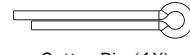
7—Z Post ..... (Qty 2)  
Adjustable, 7.25"



8—L Post ..... (Qty 2)  
9.25"



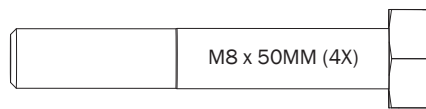
#### HKT-8162-Rotation Hardware Kit



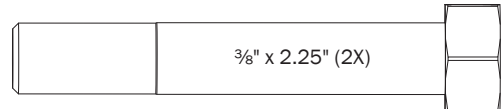
Cotter Pin (1X)



Clevis Pin (1X)



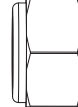
M8 x 50MM (4X)



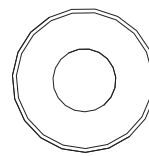
$\frac{3}{8}$ " x 2.25" (2X)



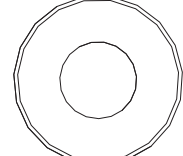
M8 Lock Nut (4X)



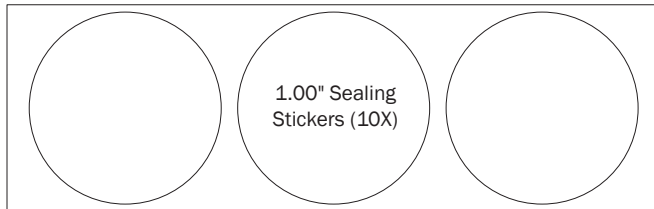
$\frac{3}{8}$ " Lock Nut (2X)



$\frac{5}{16}$ " Flat Washer (8X)



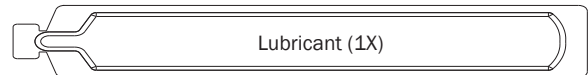
$\frac{3}{8}$ " Flat Washer (4X)



1.00" Sealing  
Stickers (10X)

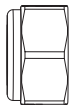


Anti-Seize (1X)

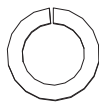


Lubricant (1X)

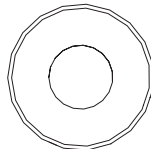
#### HKT-0122 Mounting Hardware Kit



Lock Nut (12X)



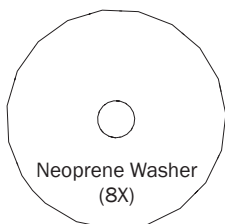
Lock Washer (4X)



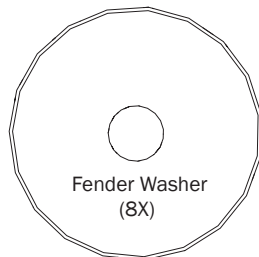
Flat Washer (8X)



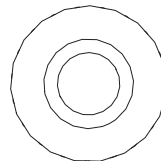
M8 x 70MM (4X)



Neoprene Washer  
(8X)



Fender Washer  
(8X)



Sealing Washer (8X)



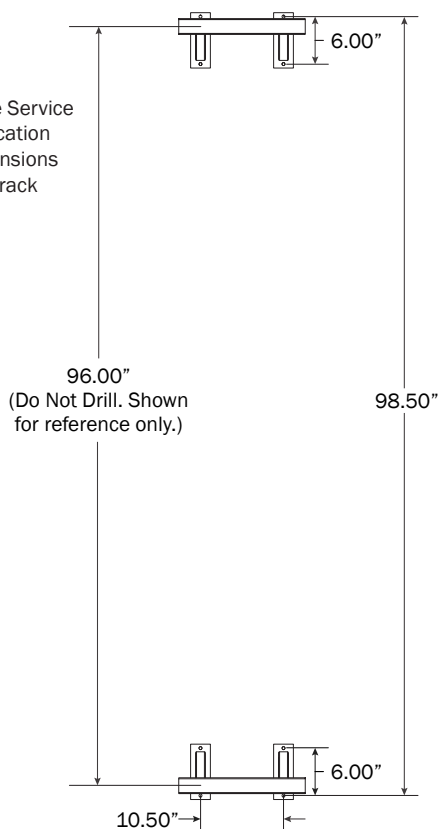
M8 x 35MM (8X)



Anti-Seize (1X)

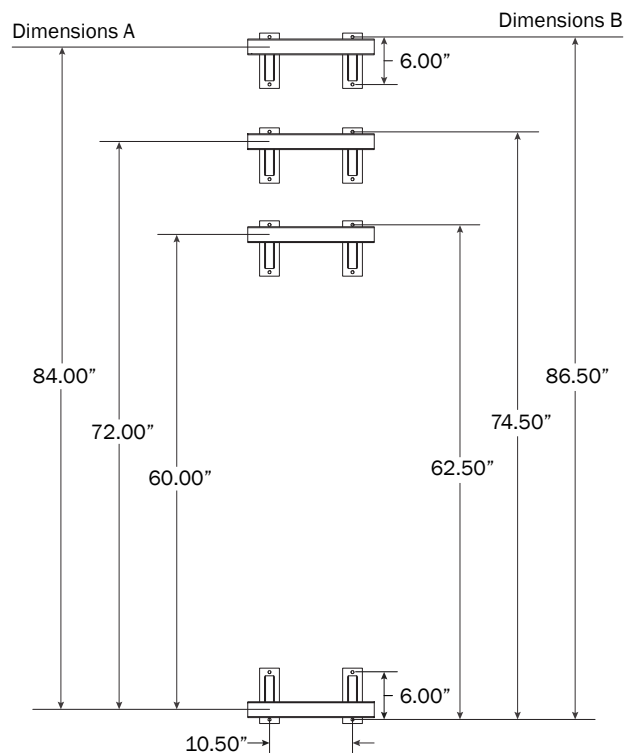
**UTB-2316 MOUNTING BRACKETS**  
**BRACKET PRE-ASSEMBLY****0.1**

Drill holes into the Service Body mounting location according to dimensions shown for 8.00 ft rack configuration.

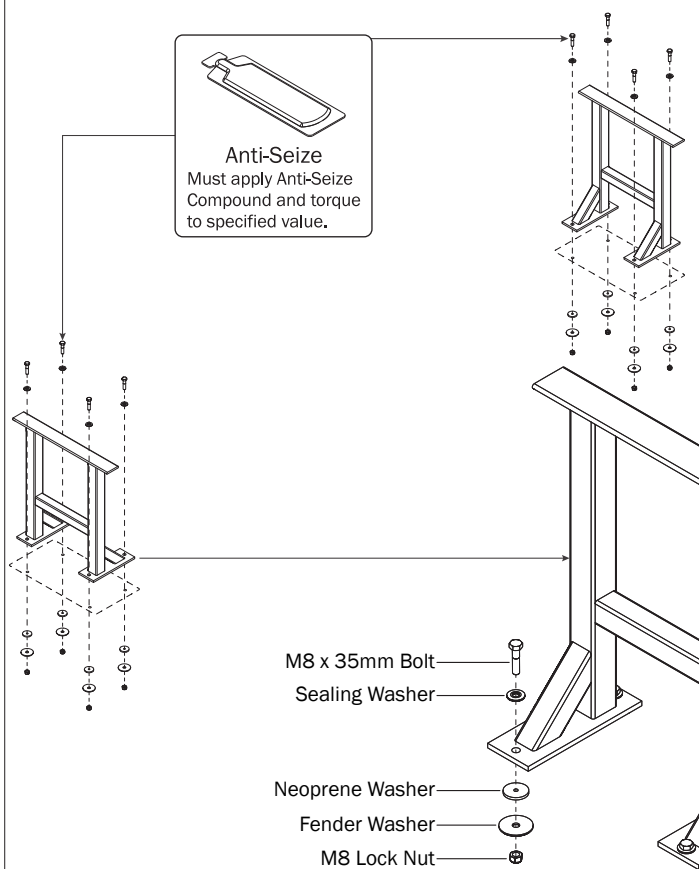
**0.2**

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

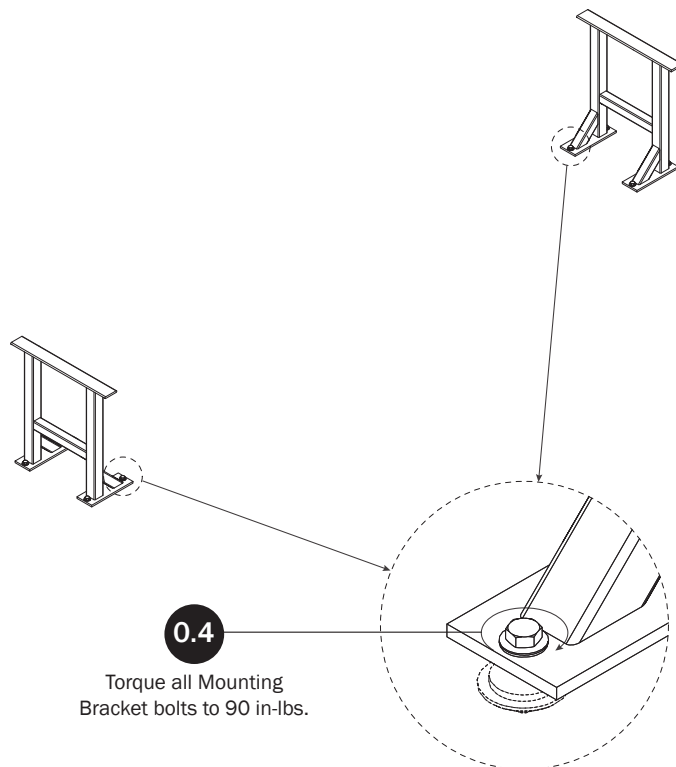
Dimensions A are measured from center to center of top mounting rail. Dimensions B are measured from outside Bracket Hole to outside Bracket Hole.

**0.3**

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

**0.4**

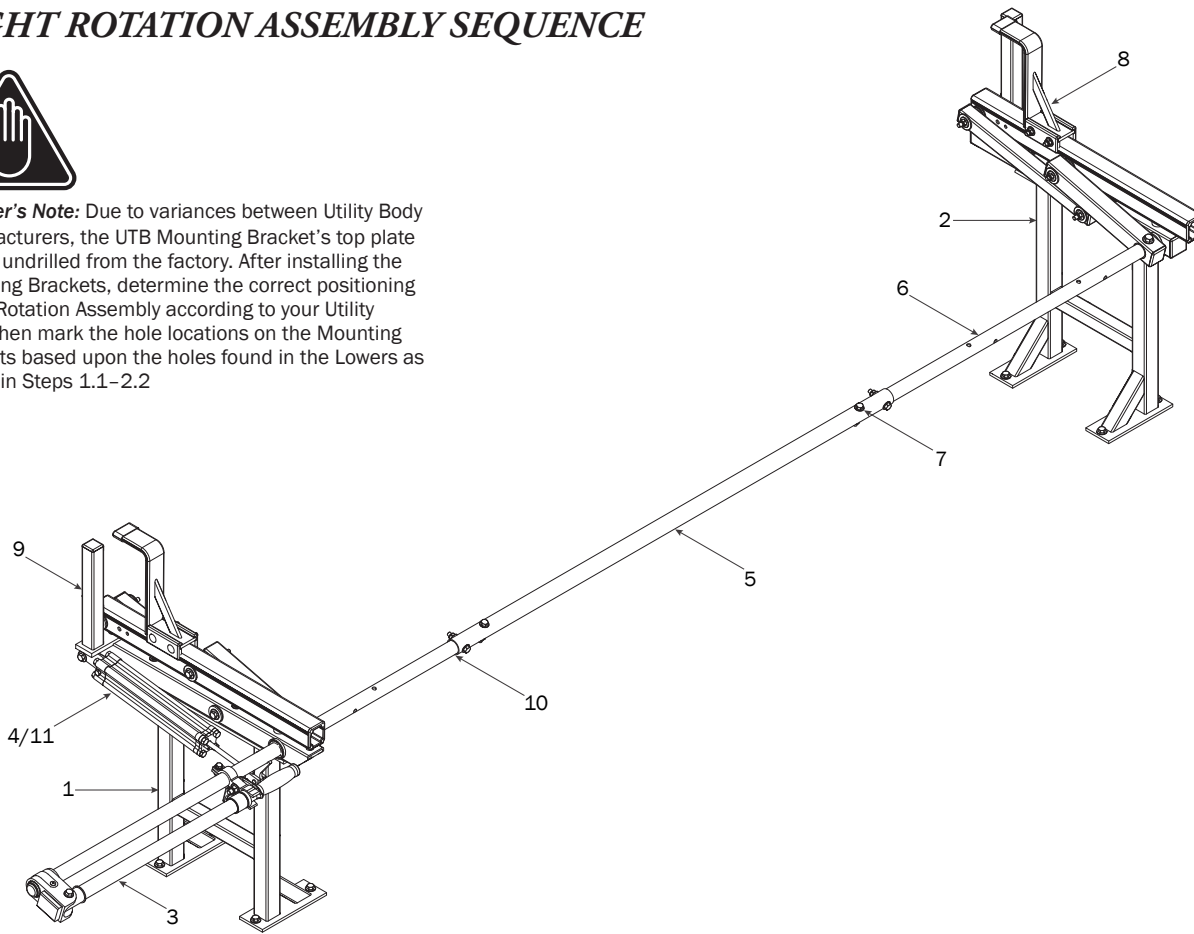
Torque all Mounting Bracket bolts to 90 in-lbs.



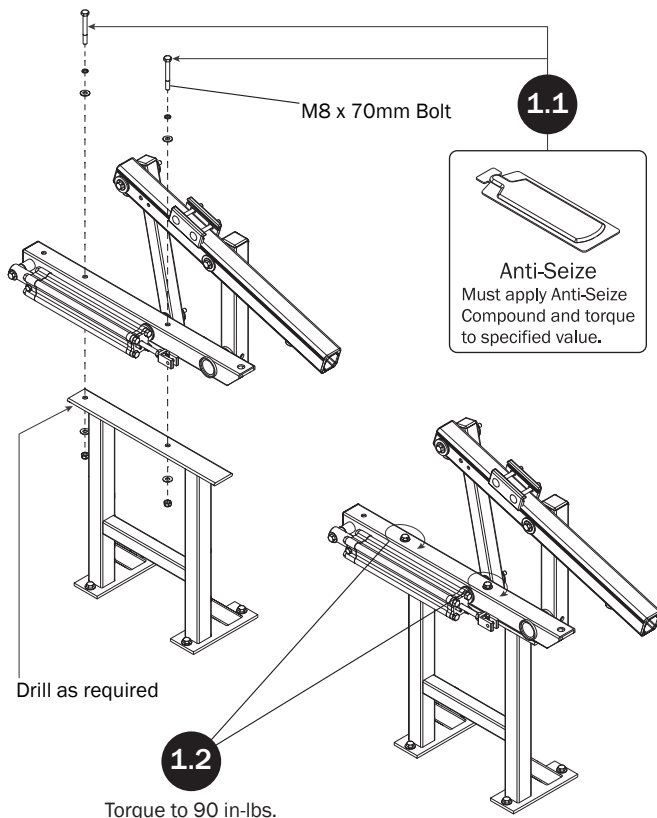
## RIGHT ROTATION ASSEMBLY SEQUENCE



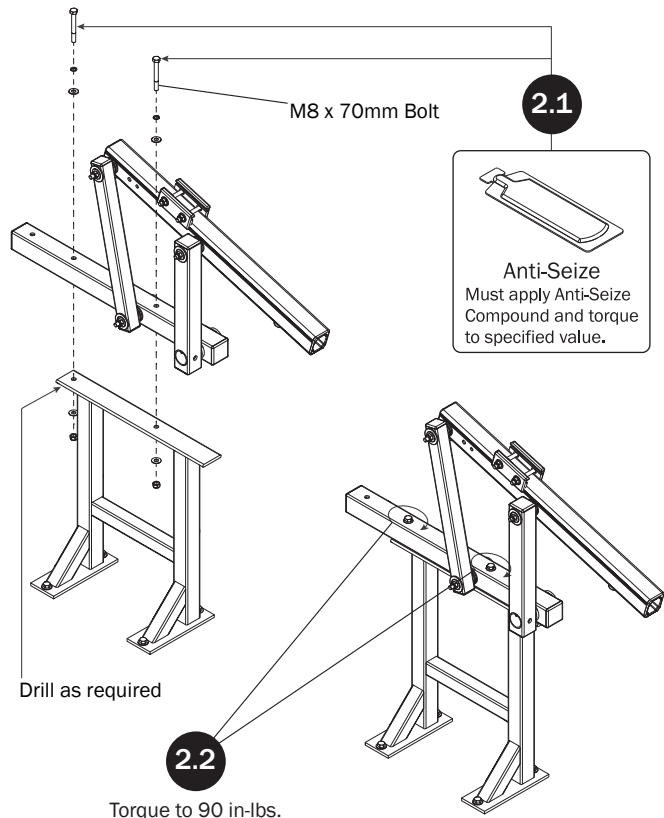
**Installer's Note:** Due to variances between Utility Body manufacturers, the UTB Mounting Bracket's top plate comes undrilled from the factory. After installing the Mounting Brackets, determine the correct positioning of the Rotation Assembly according to your Utility Body, then mark the hole locations on the Mounting Brackets based upon the holes found in the Lowers as shown in Steps 1.1–2.2

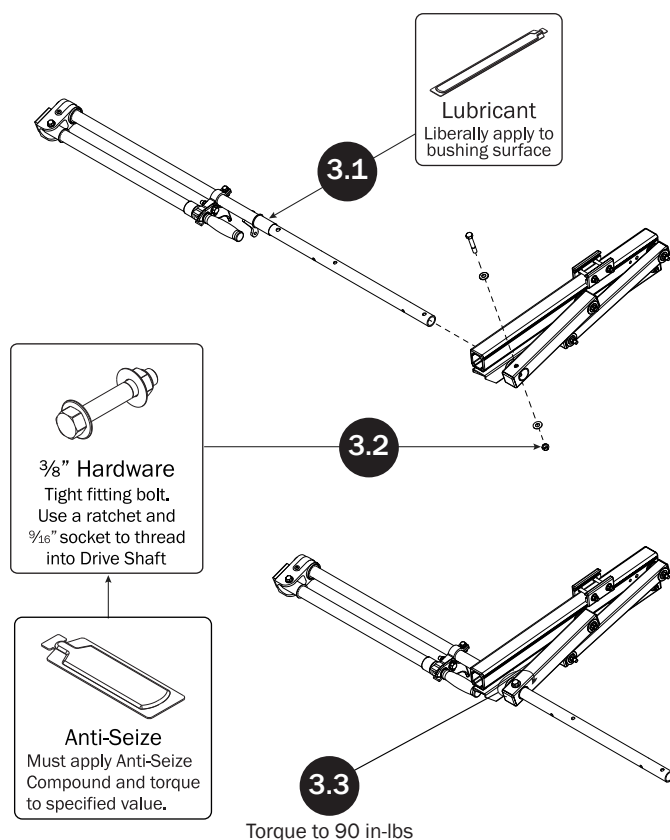
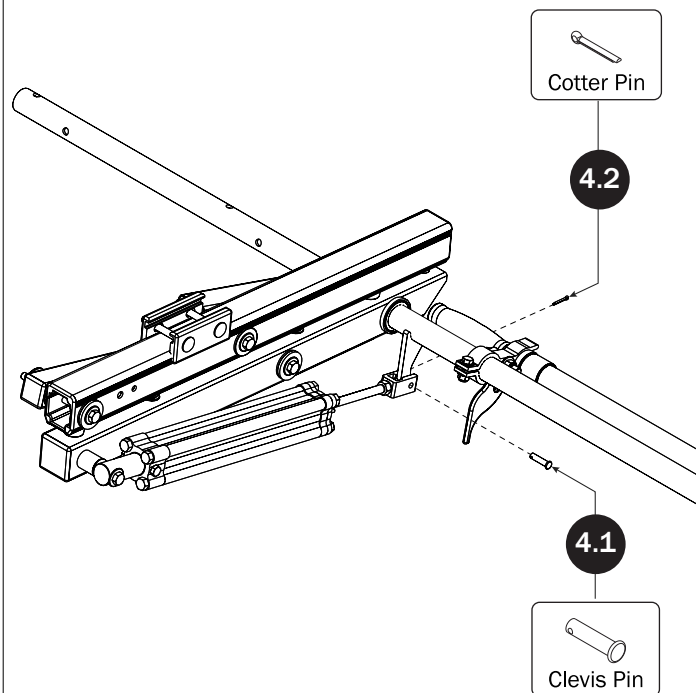
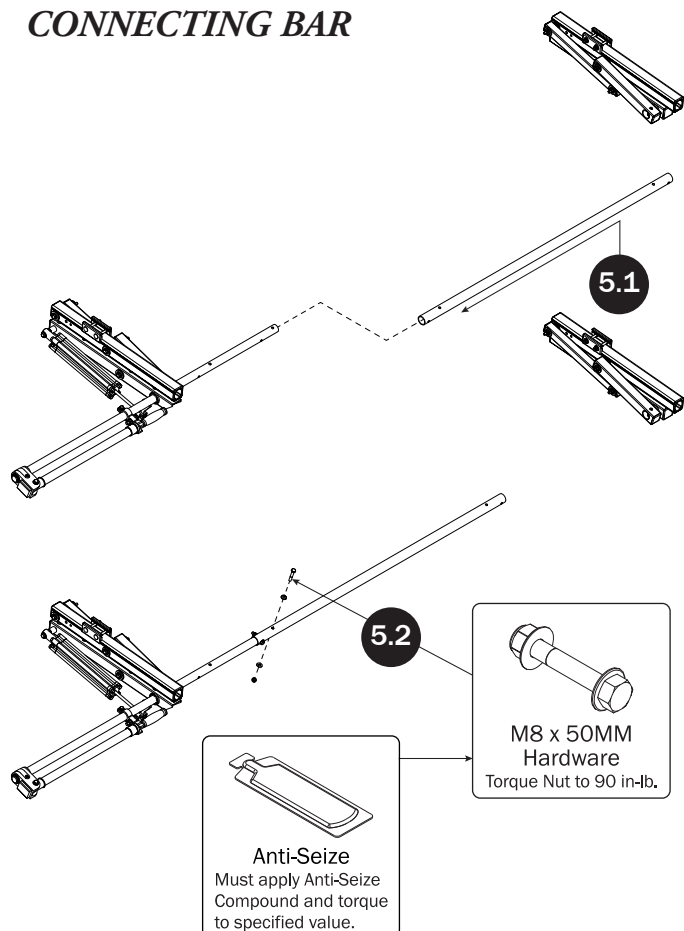
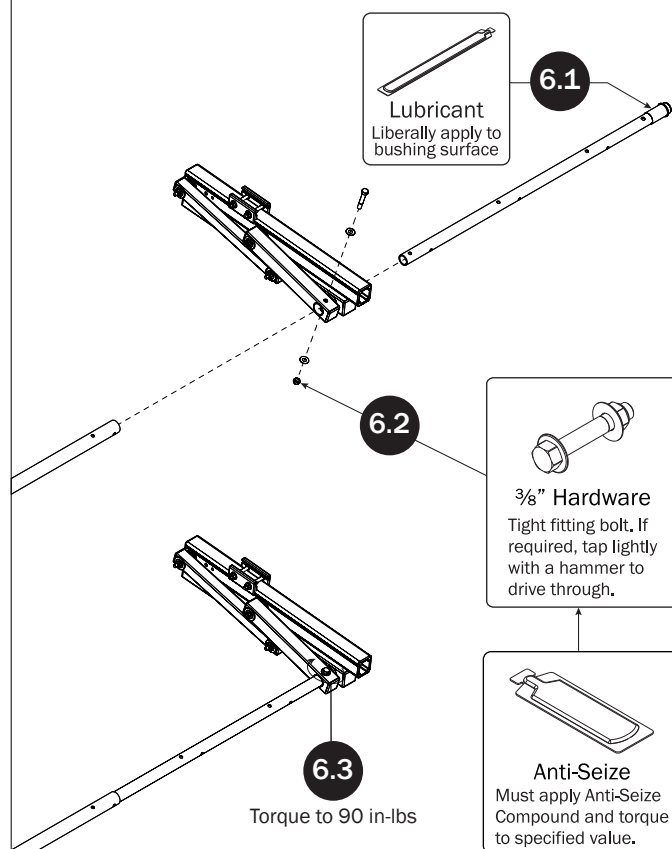


### REAR ROTATION ASSEMBLY



### FRONT ROTATION ASSEMBLY



**REAR DRIVE SHAFT****CYLINDER HARDWARE****CONNECTING BAR****FRONT DRIVE SHAFT**

## 7



9.1

9.2

Torque to 90 in-lbs

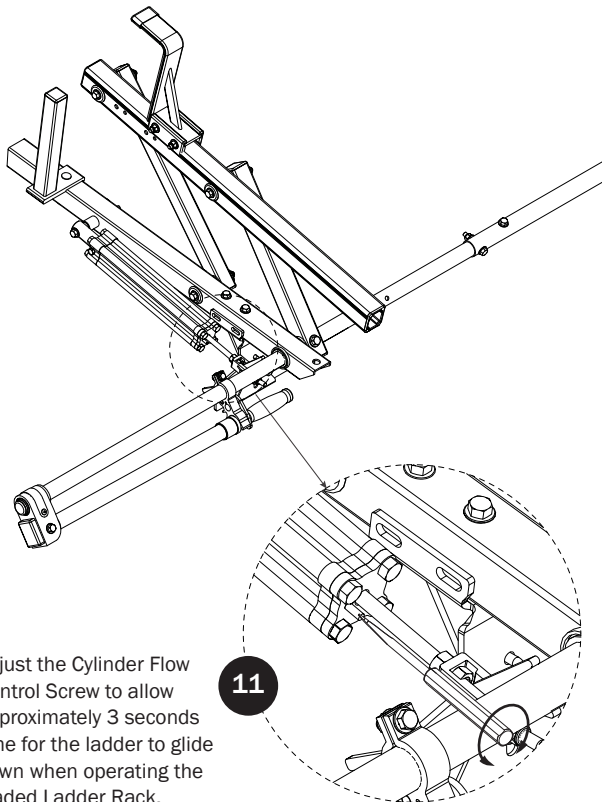
# DRIVE SHAFT SEALING

The diagram illustrates the process of sealing a drive shaft. It shows a perspective view of a drive shaft with two motor assemblies at its ends. Two circular callouts provide detailed views of the sealing process. Callout 10.1 shows a close-up of the shaft where a bead of sealant is being applied to the joint between the shaft and the motor housing. Callout 10.2 shows a close-up of the shaft where a nut and washer are being tightened to secure the motor assembly. A separate inset box labeled 'Sealing Stickers' shows a rectangular strip with three circular adhesive patches.

10.2 Apply Silicone Sealant to Connecting Bar ends

10.1

Sealing Stickers

**CYLINDER ADJUSTMENT**

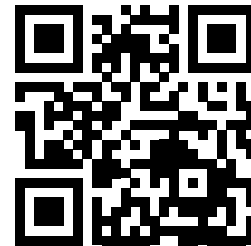
Adjust the Cylinder Flow Control Screw to allow approximately 3 seconds time for the ladder to glide down when operating the loaded Ladder Rack.

**ADDITIONAL INFORMATION**

For additional information regarding your UXR-001-E Ladder Rack, please visit the Prime Design website at: [www.primedesign.net](http://www.primedesign.net).

Using a QR code reader in your smart phone or tablet, read the QR Code shown below and follow the same steps as you would from your laptop or computer.

If you're viewing this document as an interactive PDF, you may simply click on the QR Code below to access the Prime Design website.



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