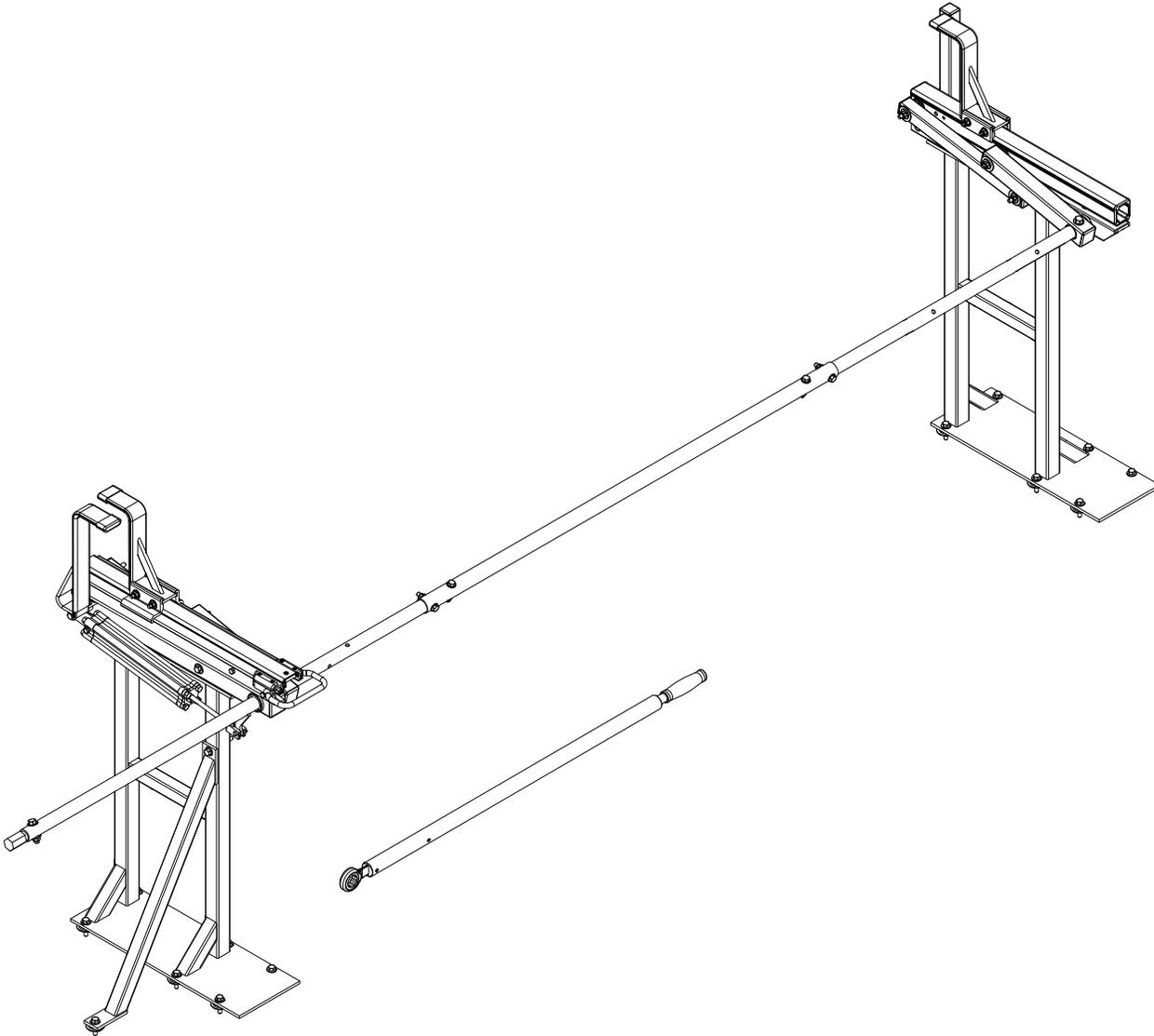


# PRIME DESIGN™

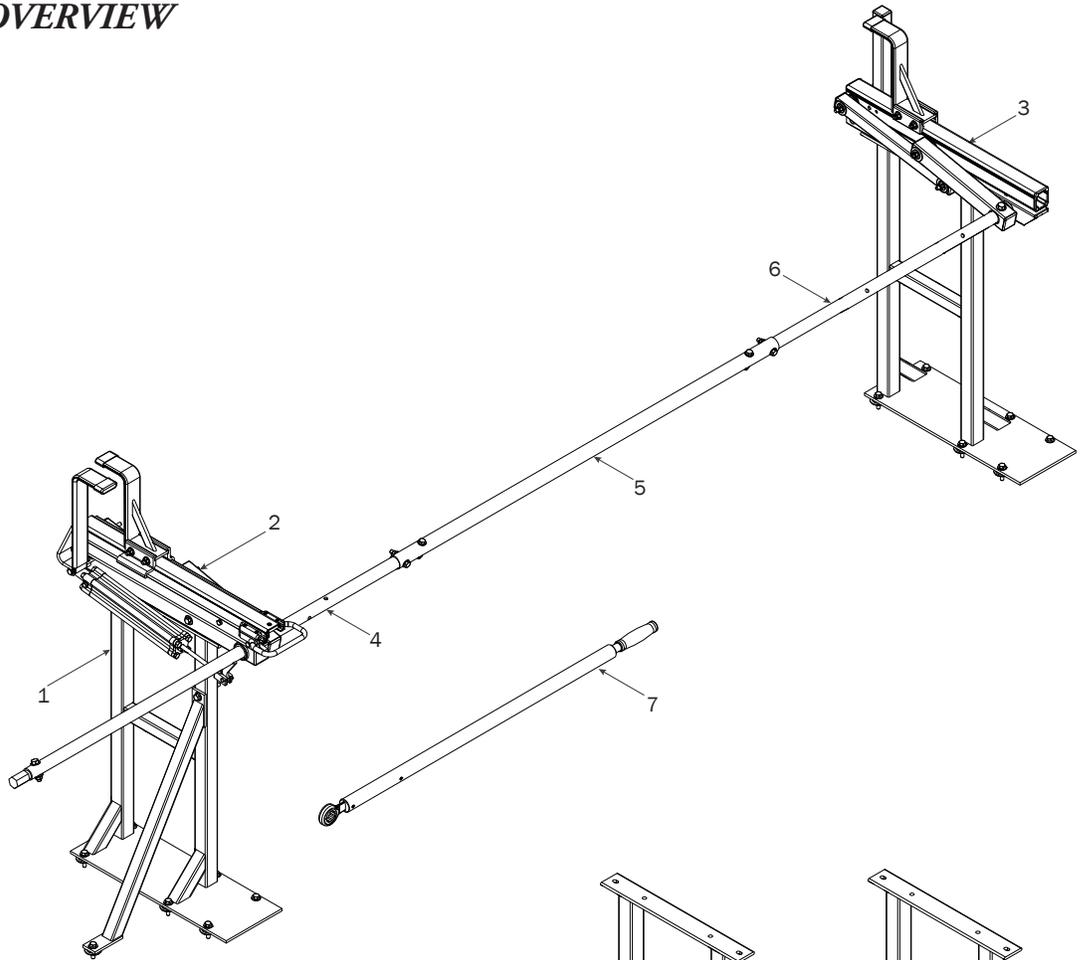
A Safe Fleet Brand



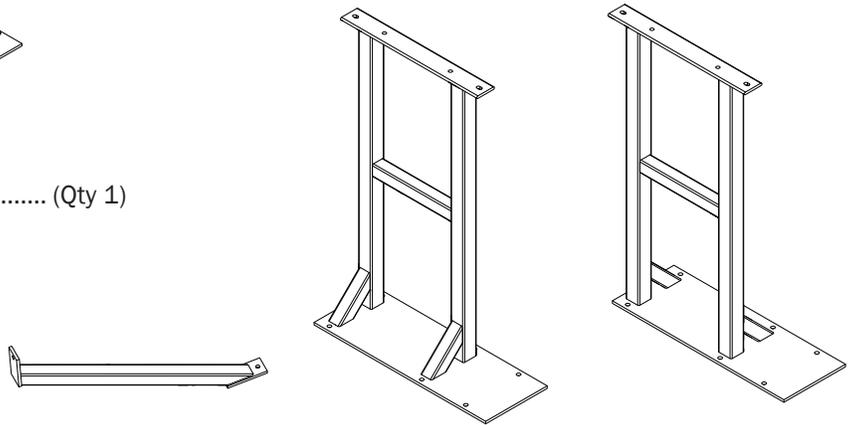
PRIME DESIGN, A SAFE FLEET BRAND

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

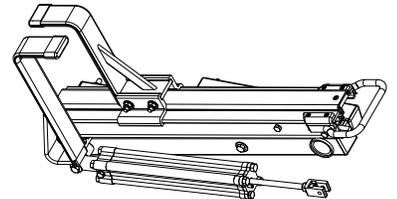
CONTENTS OVERVIEW



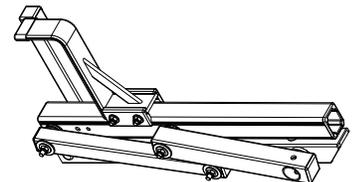
1—Utility Base Standing Mount Kit ..... (Qty 1)  
With Support Brace



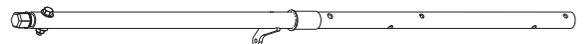
2—Rear Rotation Assembly..... (Qty 1)



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



4—Rear Drive Shaft..... (Qty 1)  
Right Hand, Hex Drive



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



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



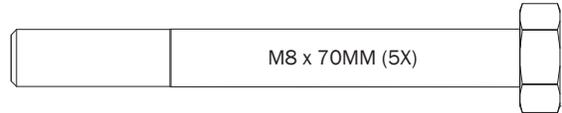
7—Ratcheting Handle ..... (Qty 1)  
Hex Drive, 41.00”



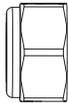
8—HKT-0129 (Not called out in Overview)..... (Qty 1)



M8 x 35MM (10X)



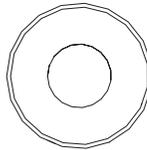
M8 x 70MM (5X)



M8 Lock Nut (18X)



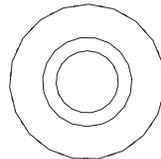
Lock Washer (5X)



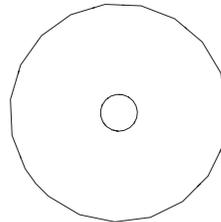
5/16" Flat Washer (10X)



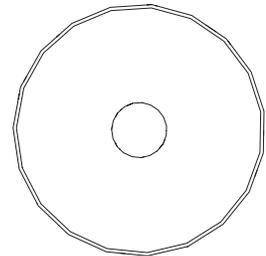
Anti-Seize (1X)



Sealing Washer (13X)

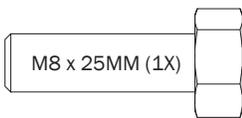


Neoprene Washer (13X)



Fender Washer (13X)

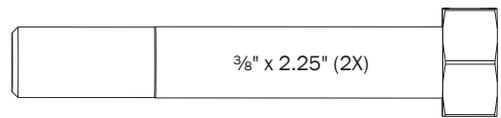
9—HKT-8163 (Not called out in Overview)..... (Qty 1)



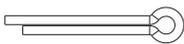
M8 x 25MM (1X)



M8 x 50MM (4X)



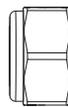
3/8" x 2.25" (2X)



Cotter Pin (1X)



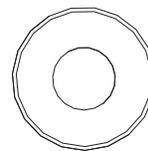
Clevis Pin (1X)



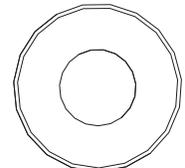
M8 Lock Nut (5X)



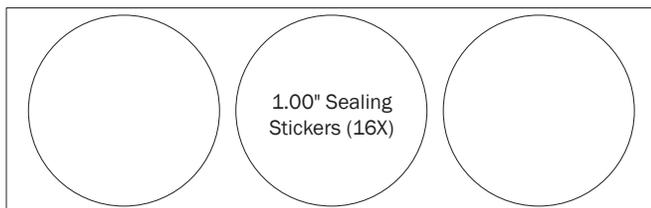
3/8" Lock Nut (2X)



5/16" Flat Washer (10X)



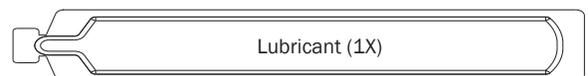
3/8" Flat Washer (4X)



1.00" Sealing Stickers (16X)

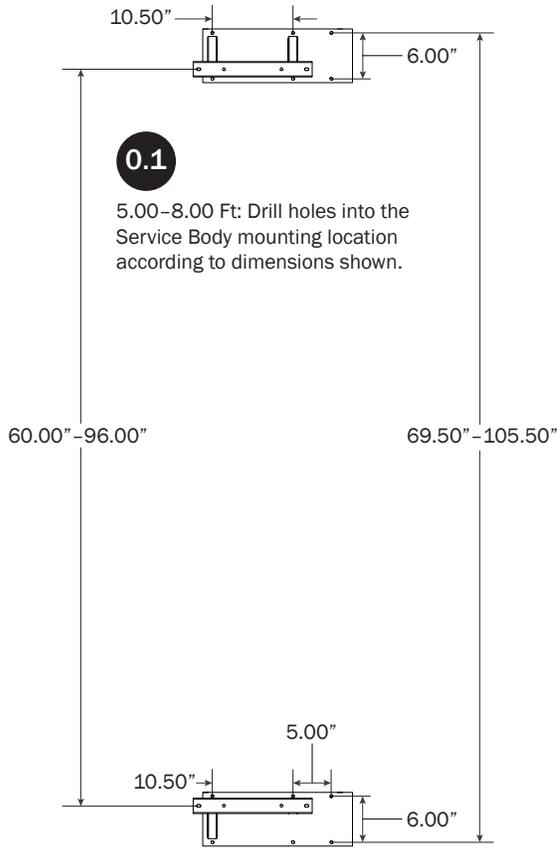


Anti-Seize (1X)

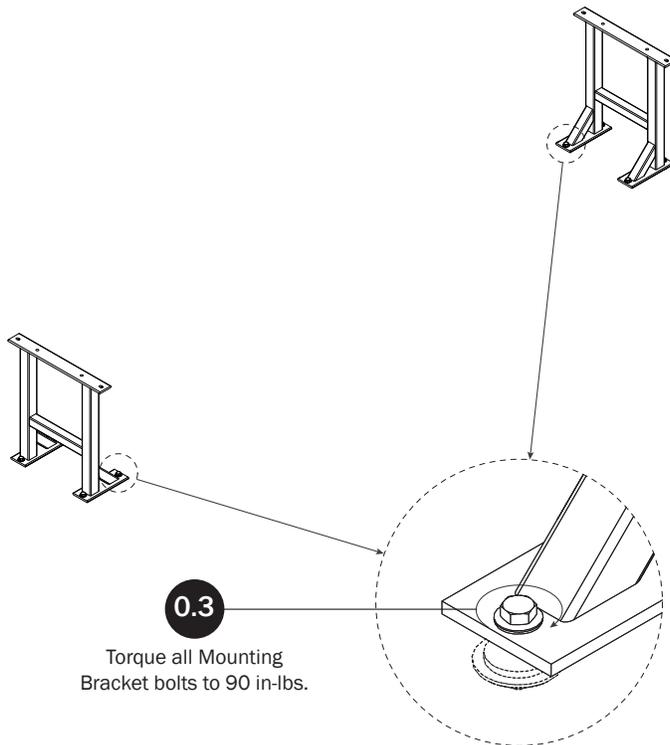
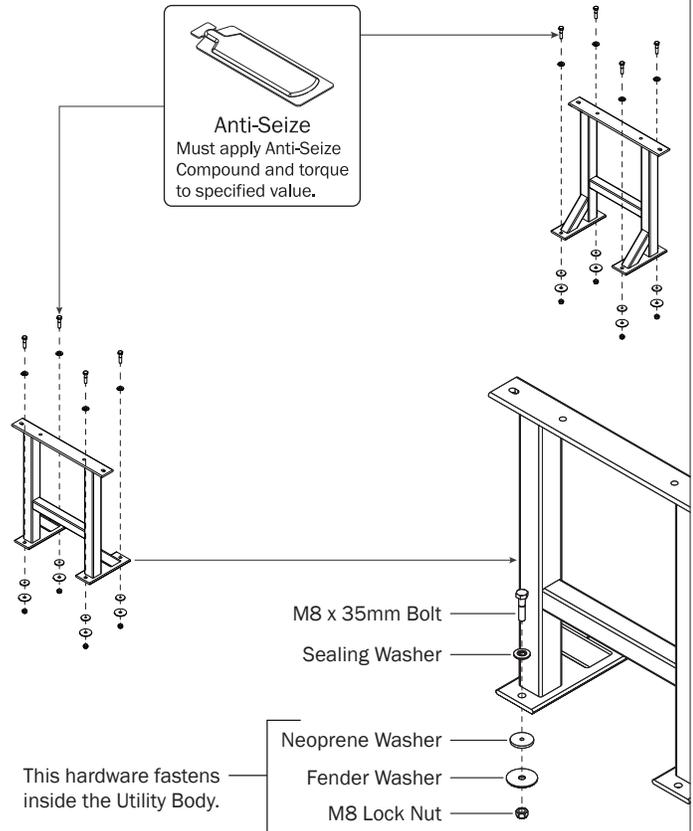


Lubricant (1X)

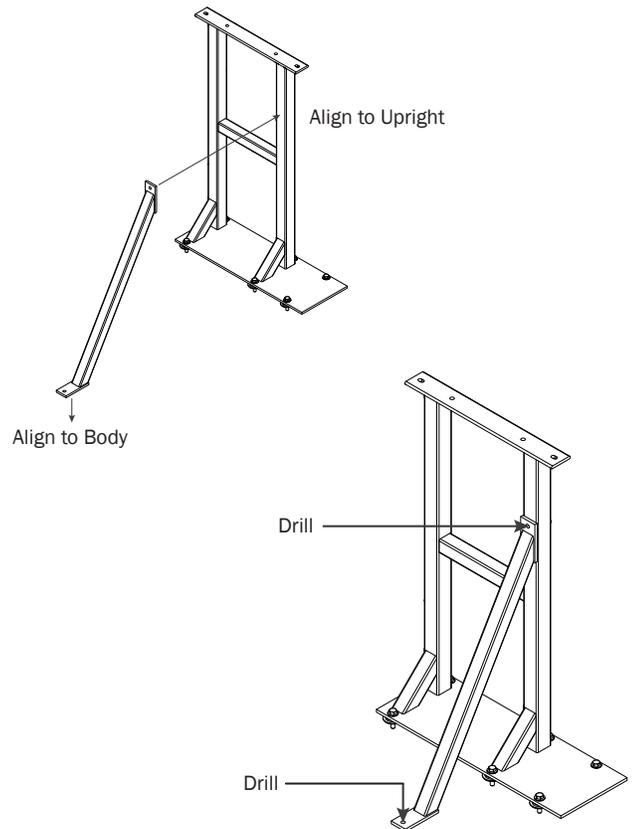
**MOUNTING BRACKETS**



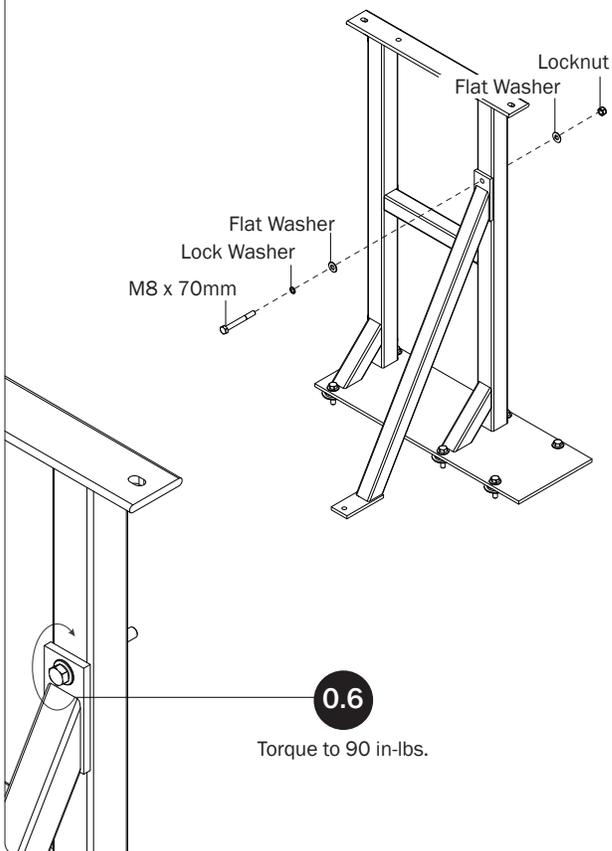
**0.2** Apply Anti-Seize compound to Mounting Bracket bolts. The Bolt and Seal Washers are on the outside as shown.



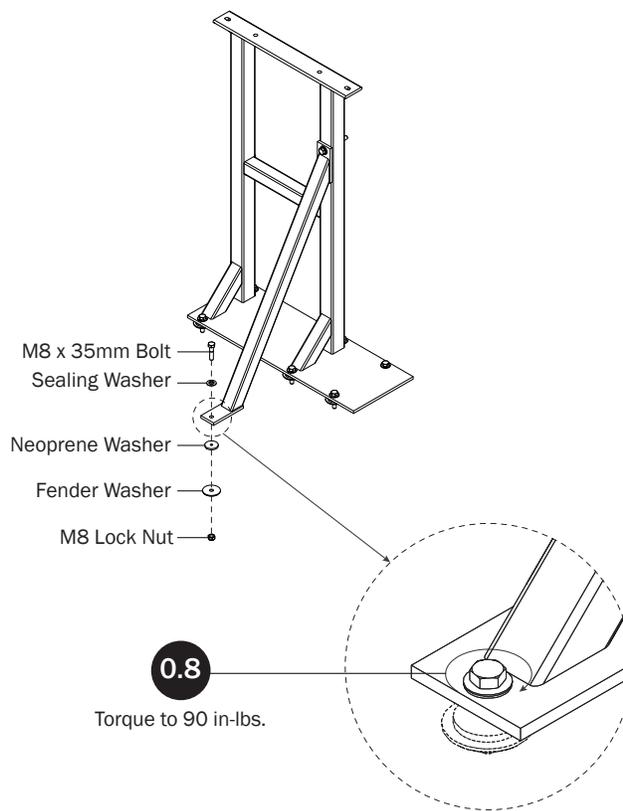
**0.4** Align Mounting Brace and drill into the Rear Upright and Service Body according to locations shown below.



**0.5** Install Mounting Brace to the Rear Upright.



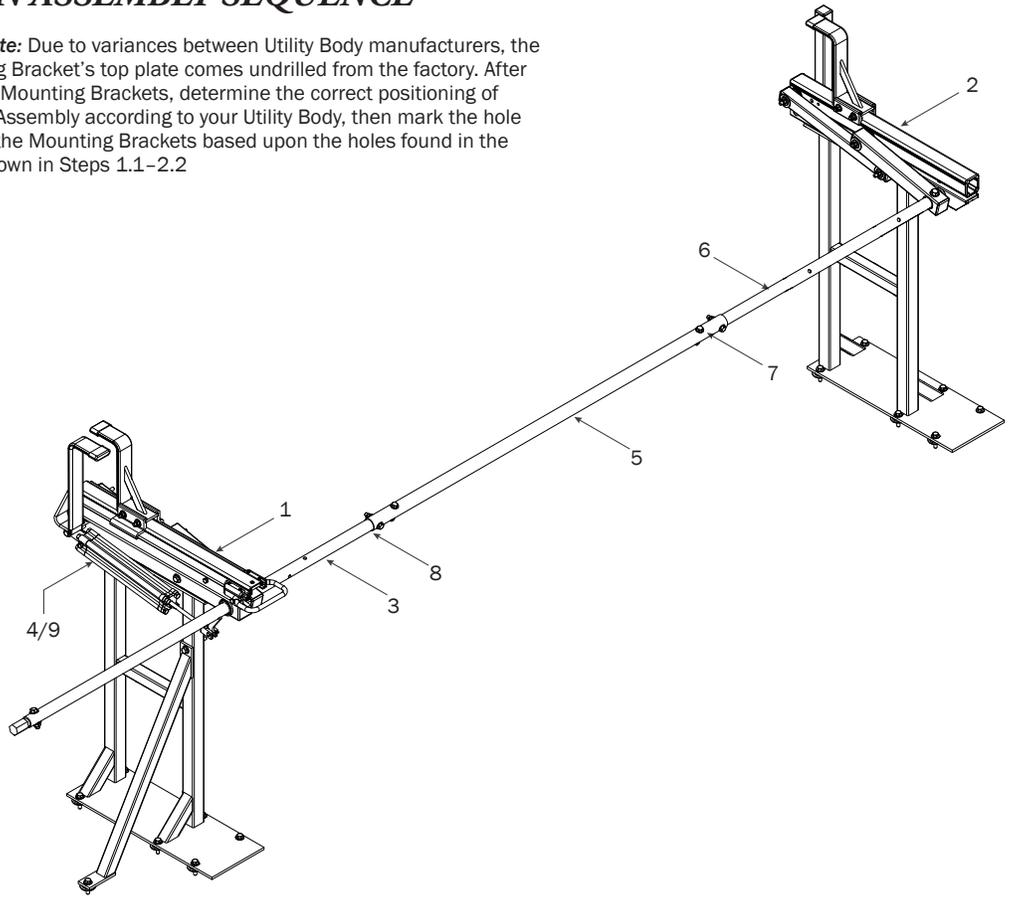
**0.7** Attach Mounting Brace to the Service Body as shown below.



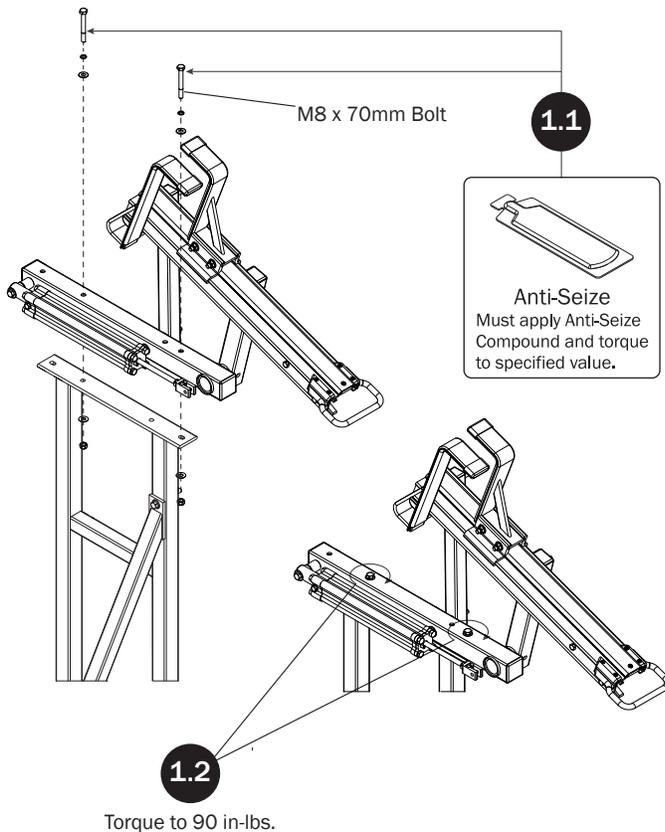


**Installer's Note:** Due to variances between Utility Body manufacturers, the UTB Mounting Bracket's top plate comes undrilled from the factory. After installing the Mounting Brackets, determine the correct positioning of the Rotation Assembly according to your Utility Body, then mark the hole locations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

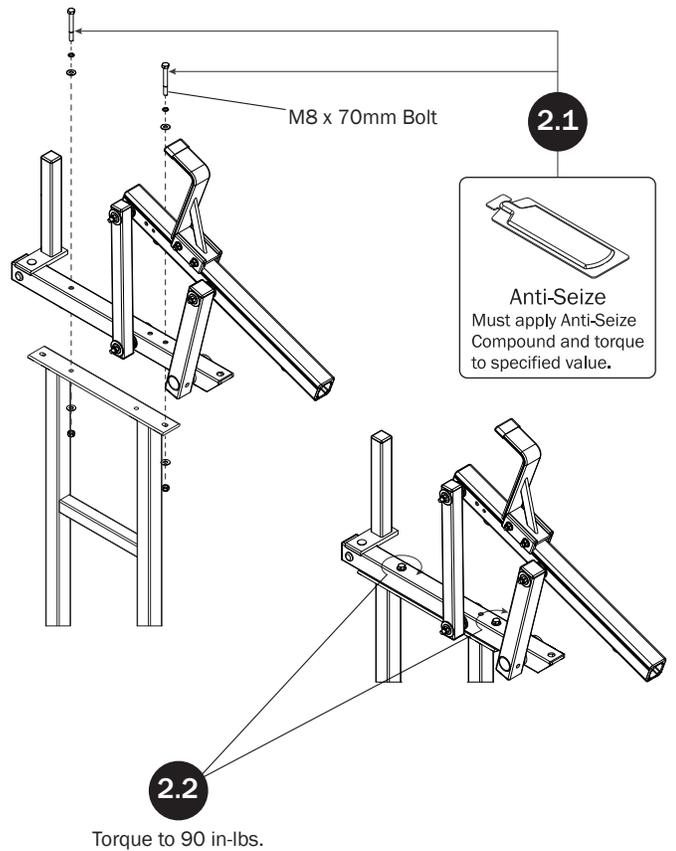
**RIGHT ROTATION ASSEMBLY SEQUENCE**



**REAR ROTATION ASSEMBLY**

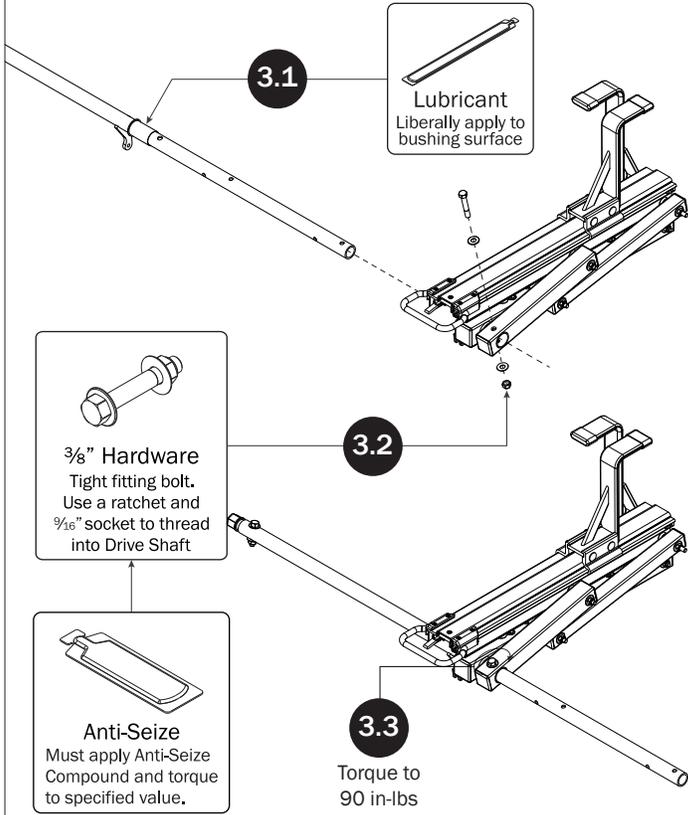


**FRONT ROTATION ASSEMBLY**

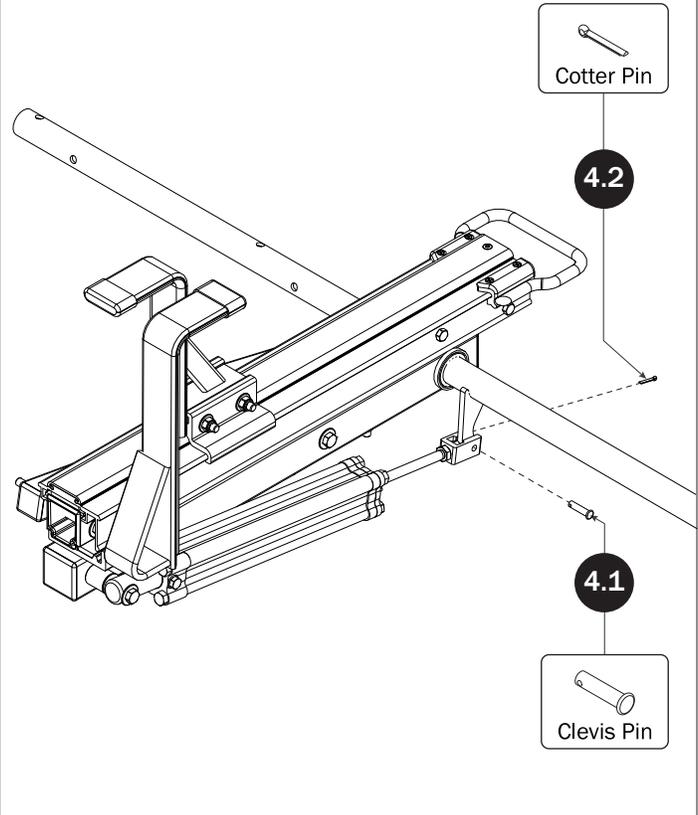


### REAR DRIVE SHAFT

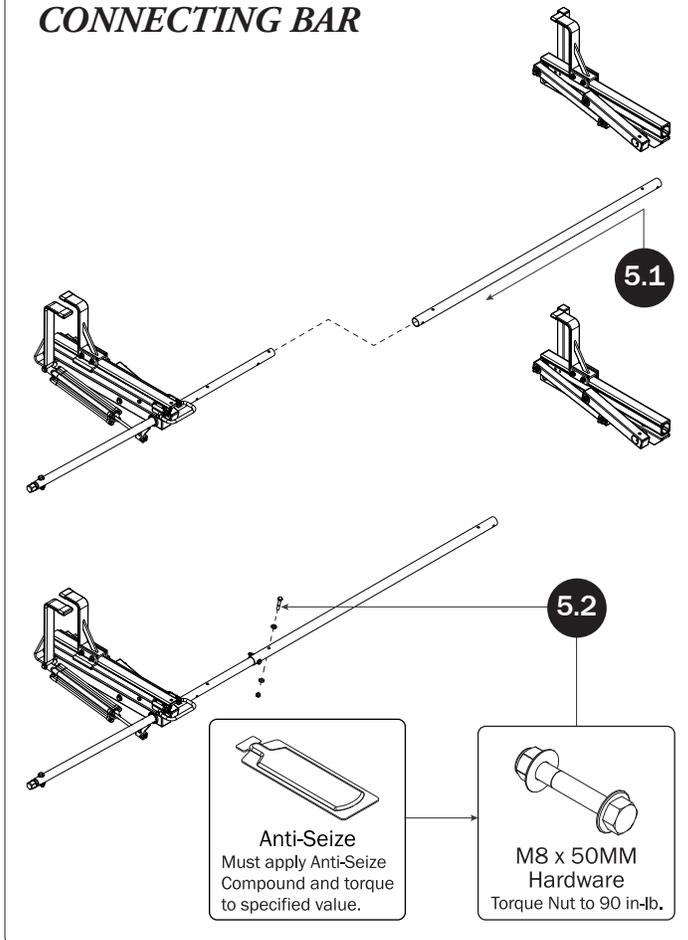
NOTE: For instructional clarity, the FBM Mounting System will not be shown for the remainder of this Assembly Manual.



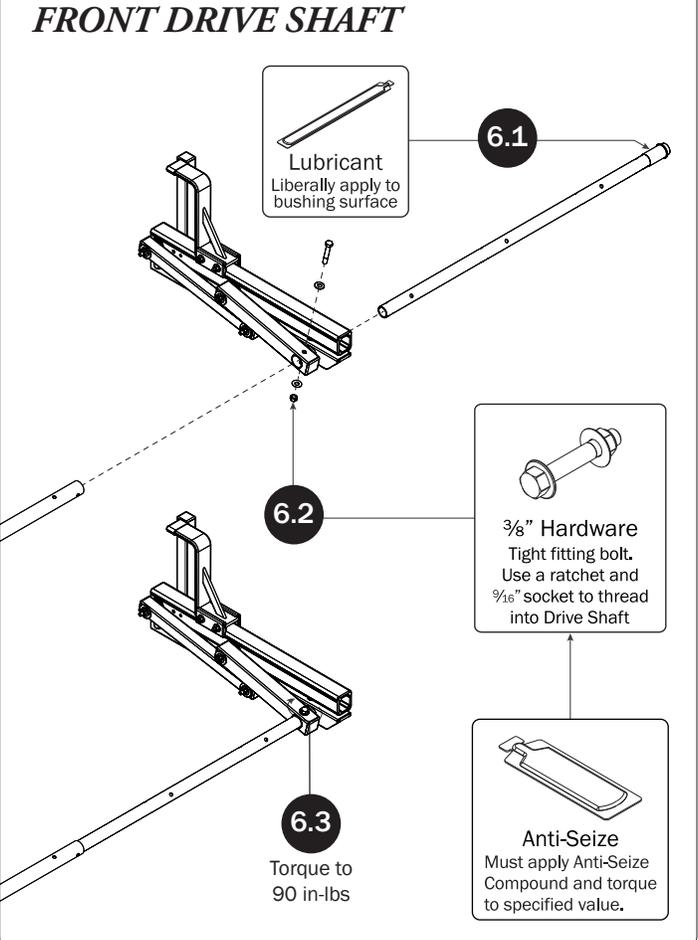
### CYLINDER HARDWARE



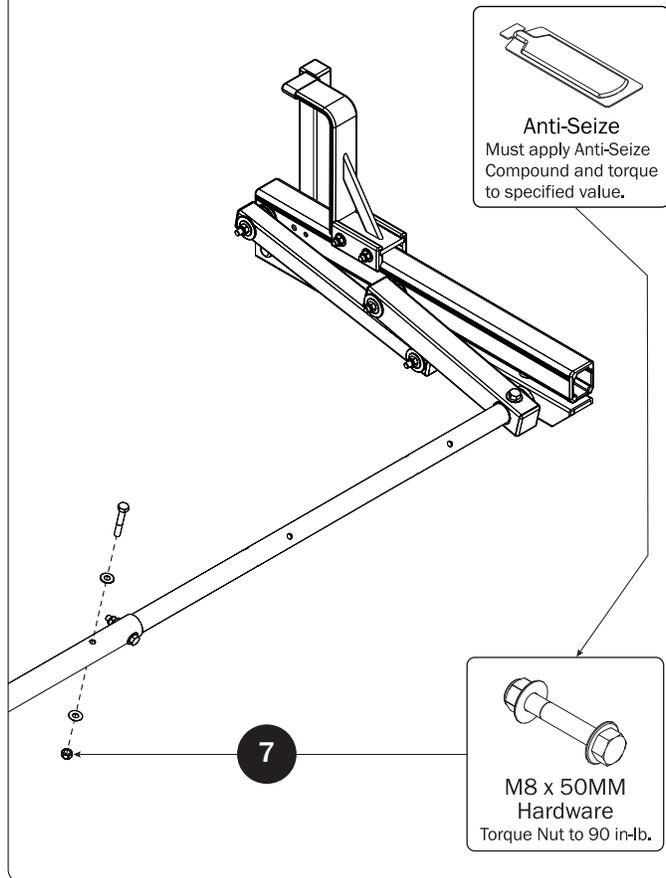
### CONNECTING BAR



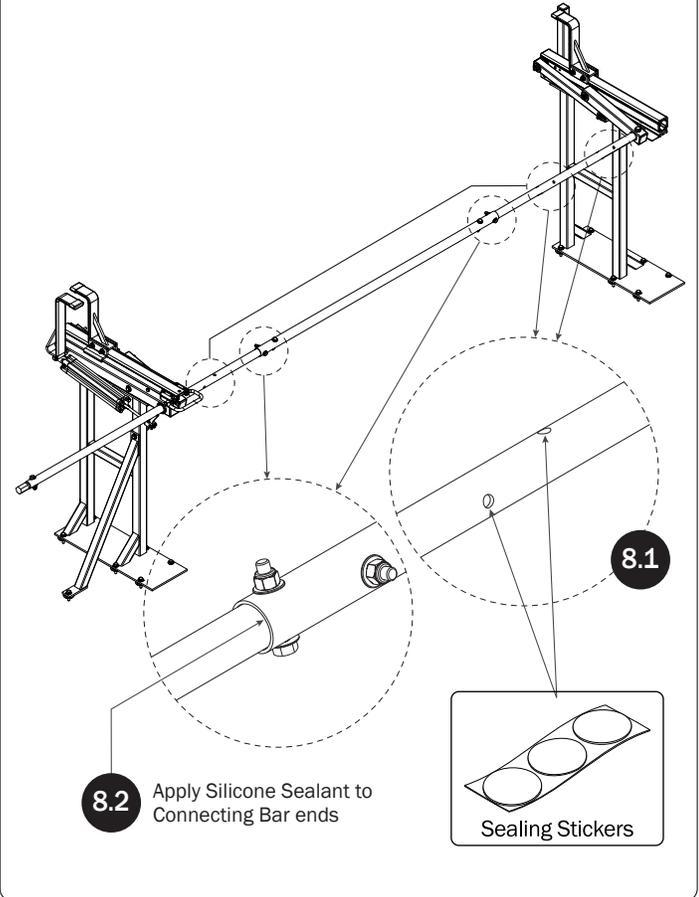
### FRONT DRIVE SHAFT



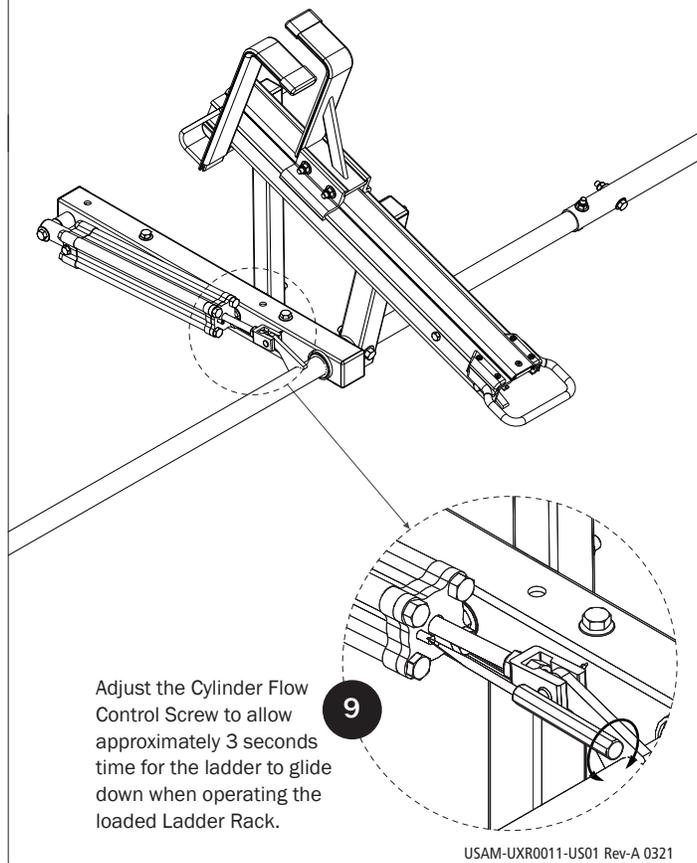
### CONNECTING BAR FASTENERS



### DRIVE SHAFT SEALING



### CYLINDER ADJUSTMENT



USAM-UXR0011-US01 Rev-A 0321