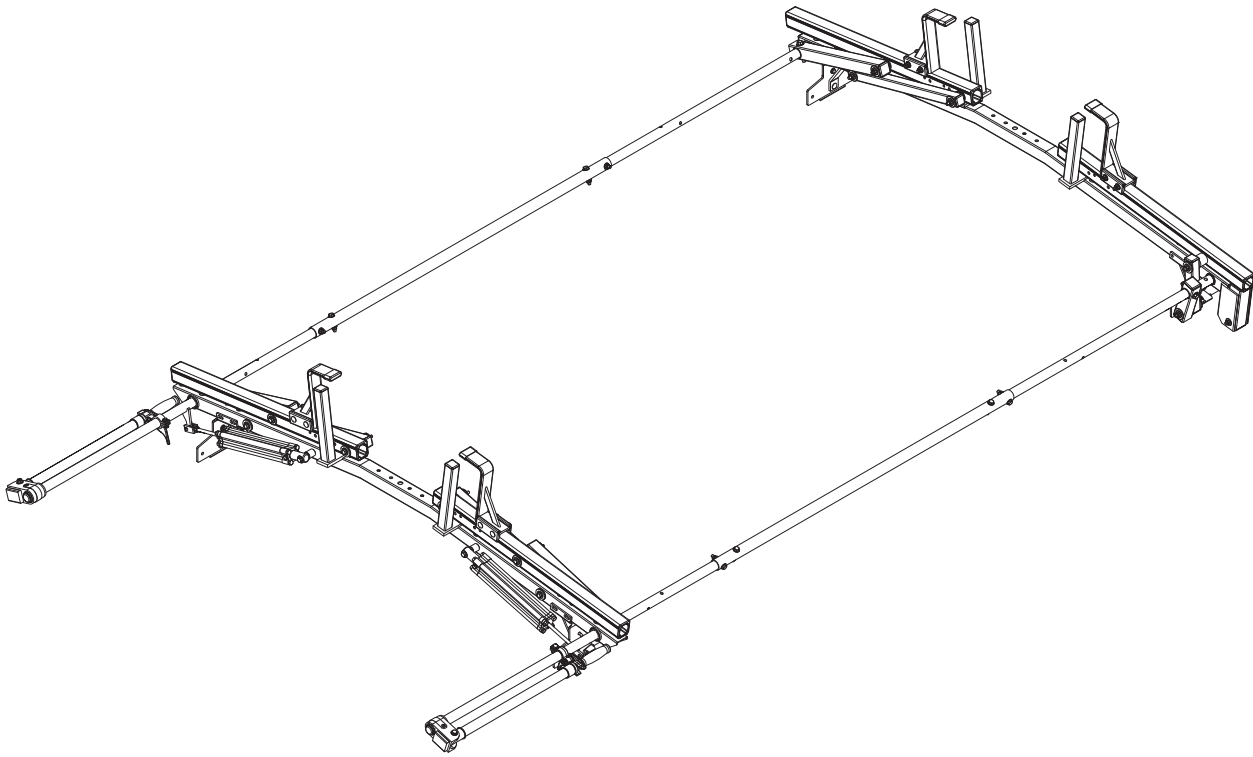
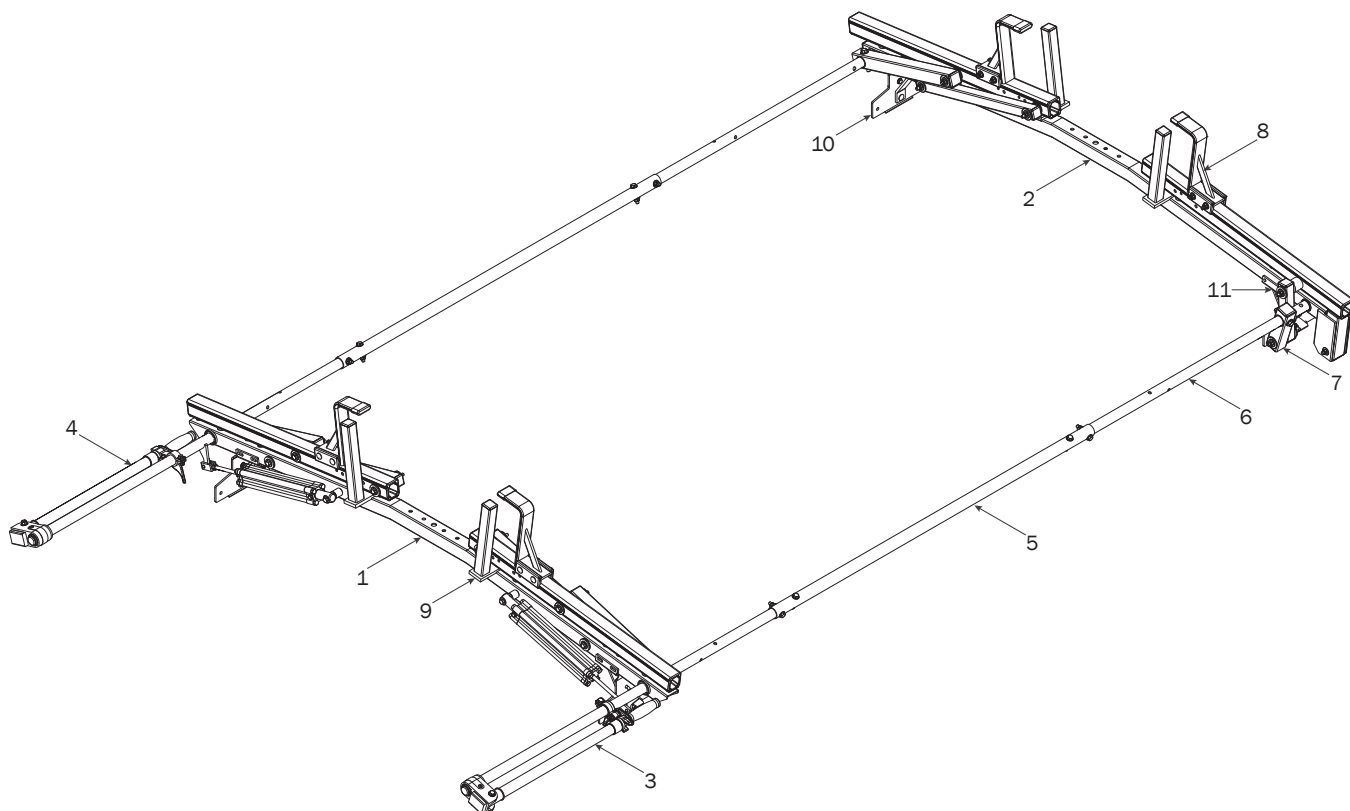


PRIME DESIGN™

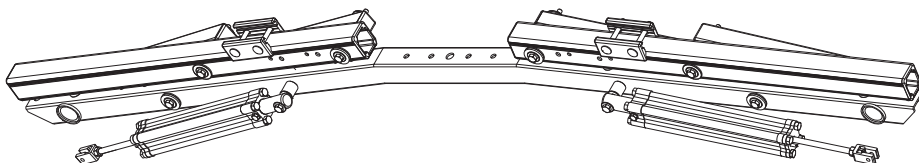
A Safe Fleet Brand



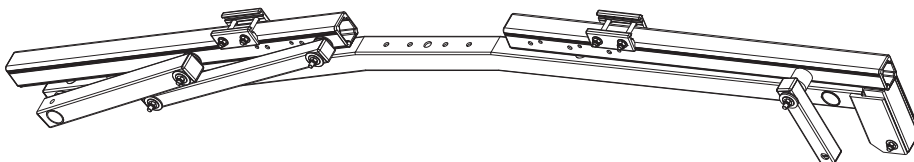
VRI 226



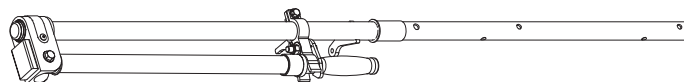
1—Rear Crossbar..... (Qty 1)



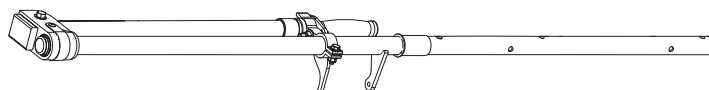
2—Front Crossbar (Qty 1)



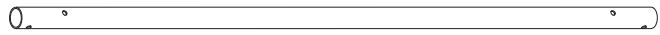
3—Rear Drive Shaft..... (Qty 1)
Right Hand, B4 Version, 50.00"



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



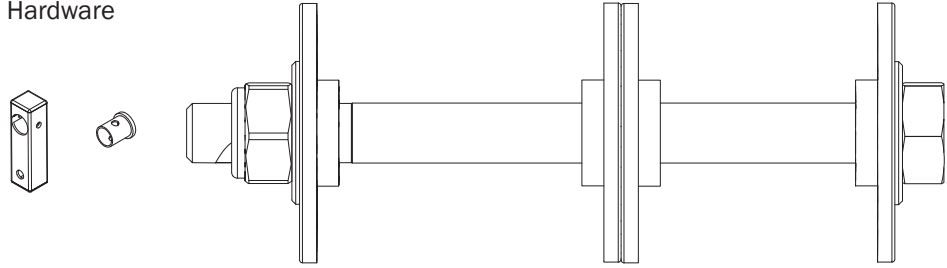
5—Connecting Bar..... (Qty 2)
48.00"



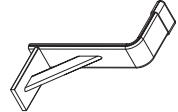
6—Front Drive Shaft..... (Qty 2)
B Version, 38.75"



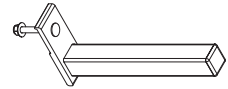
7—Drive Arm..... (Qty 1)
Incline Version with Bushing and Hardware



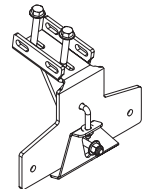
8—Z Post..... (Qty 4)
Adjustable, 7.25"



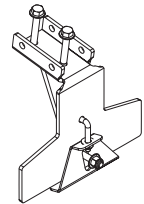
9—L Post..... (Qty 4)
9.25", Gen1



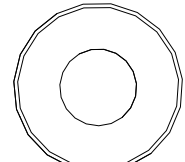
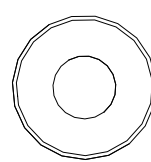
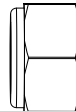
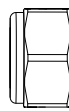
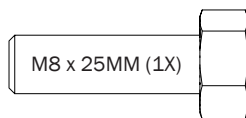
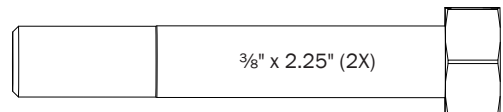
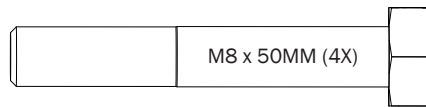
10—Mounting Bracket Assembly.....(Qty 3)
Low Mounting, 4.50", GM



11—Mounting Bracket Assembly.....(Qty 1)
High Mounting, 5.00", GM



12—HKT-8163-Rotation Hardware Kit..... (Qty 2)
(Not called out in Overview)

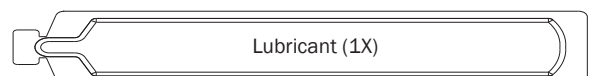
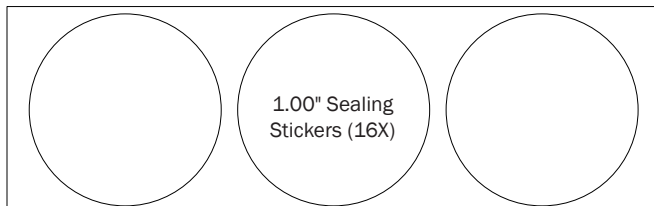


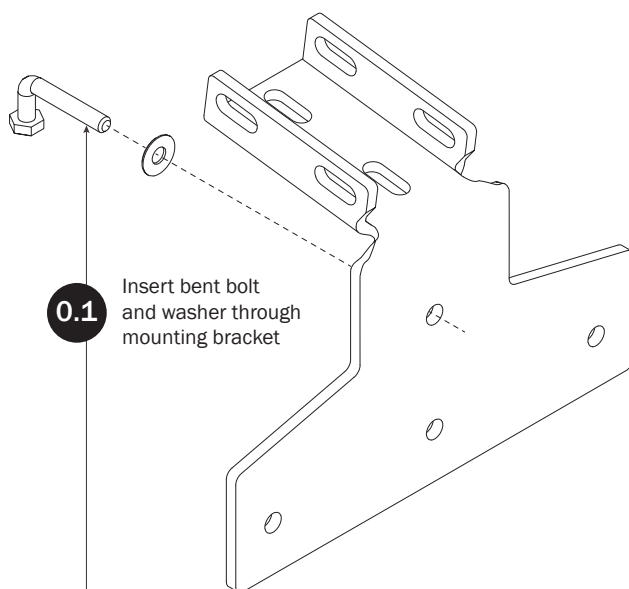
M8 Lock Nut (5X)

3/8" Lock Nut (2X)

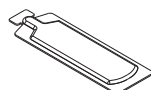
5/16" Flat Washer (10X)

3/8" Flat Washer (4X)

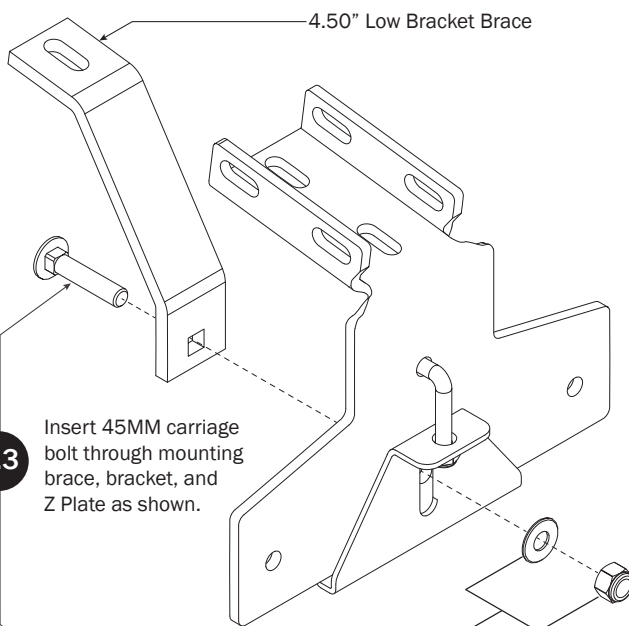


**MOUNTING BRACKETS—LOW GM 4.5”
BRACKET PRE-ASSEMBLY**

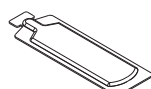
0.1 Insert bent bolt and washer through mounting bracket



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



0.3 Insert 45MM carriage bolt through mounting brace, bracket, and Z Plate as shown.



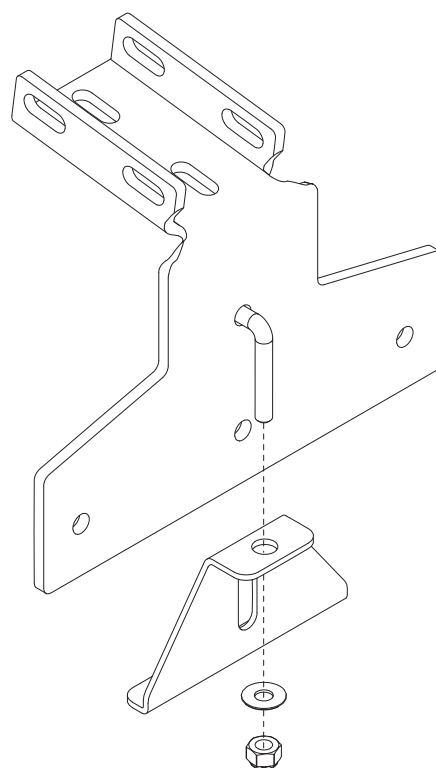
Anti-Seize
Must apply Anti-Seize Compound and torque to specified value.

0.4

Secure mounting assembly with washer and nut. Do not tighten until the rack is mounted onto the vehicle.

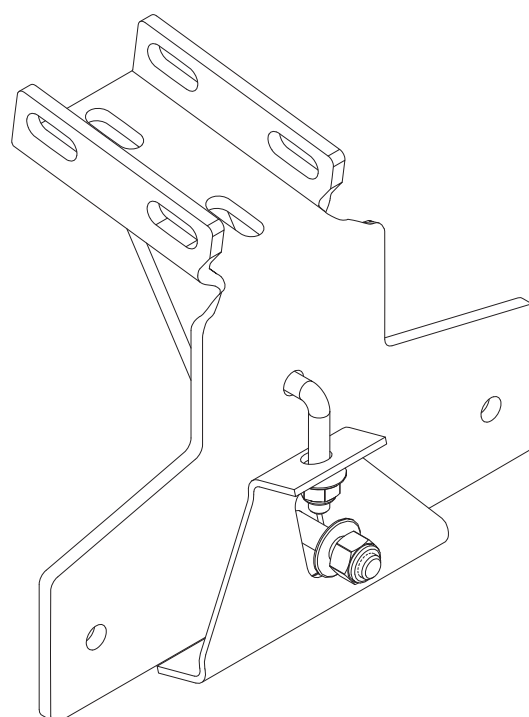
0.2

Assemble the Z Plate and secure with washer and nut. Do not tighten until the rack is mounted onto the vehicle.

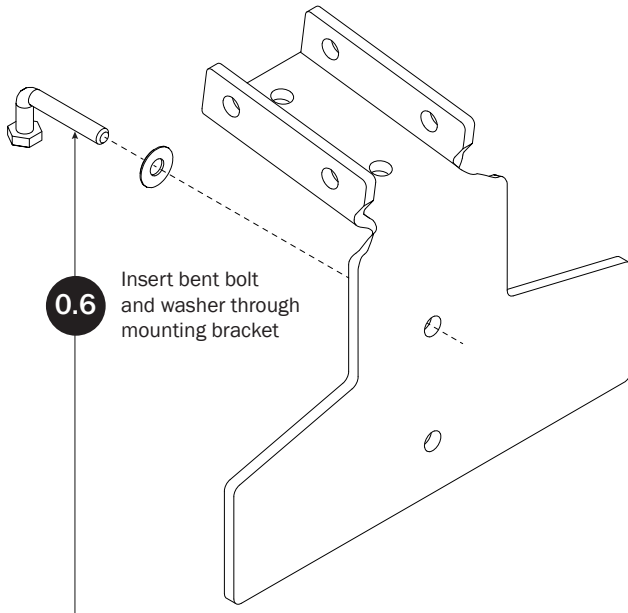


0.5

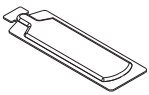
Repeat Steps 0.1–0.4 to assemble the remaining four (4) GM 4.5” Low Mounting Brackets. Proceed to Step 1.1.



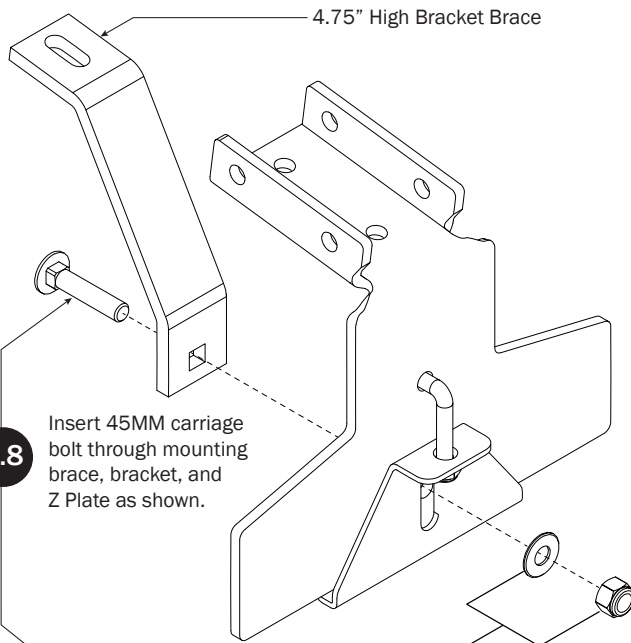
MOUNTING BRACKETS-HIGH GM 5.0" BRACKET PRE-ASSEMBLY



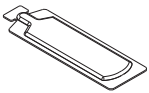
0.6 Insert bent bolt and washer through mounting bracket



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



0.8 Insert 45MM carriage bolt through mounting brace, bracket, and Z Plate as shown.

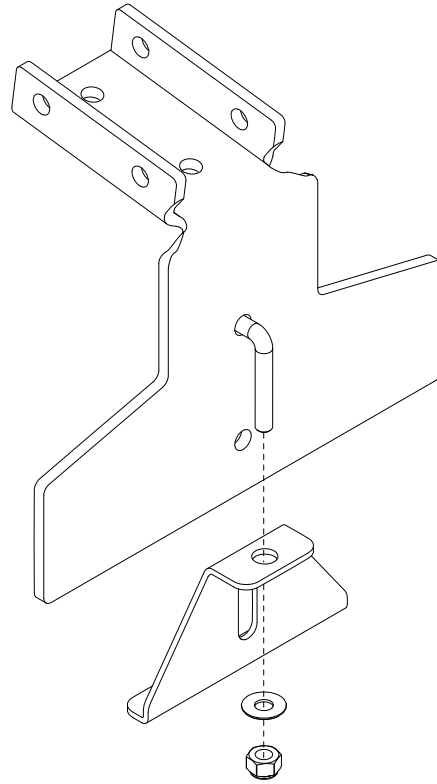


Anti-Seize
Must apply Anti-Seize Compound and torque to specified value.

0.9 Secure mounting assembly with washer and nut. Do not tighten until installed on vehicle roof.

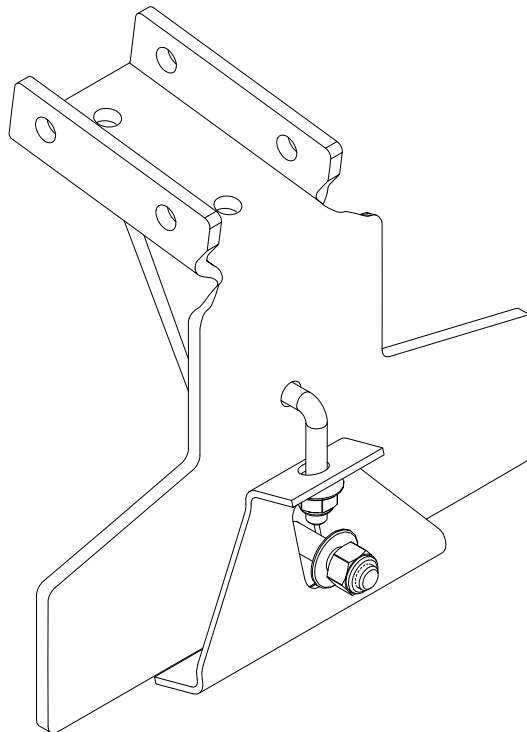
0.7

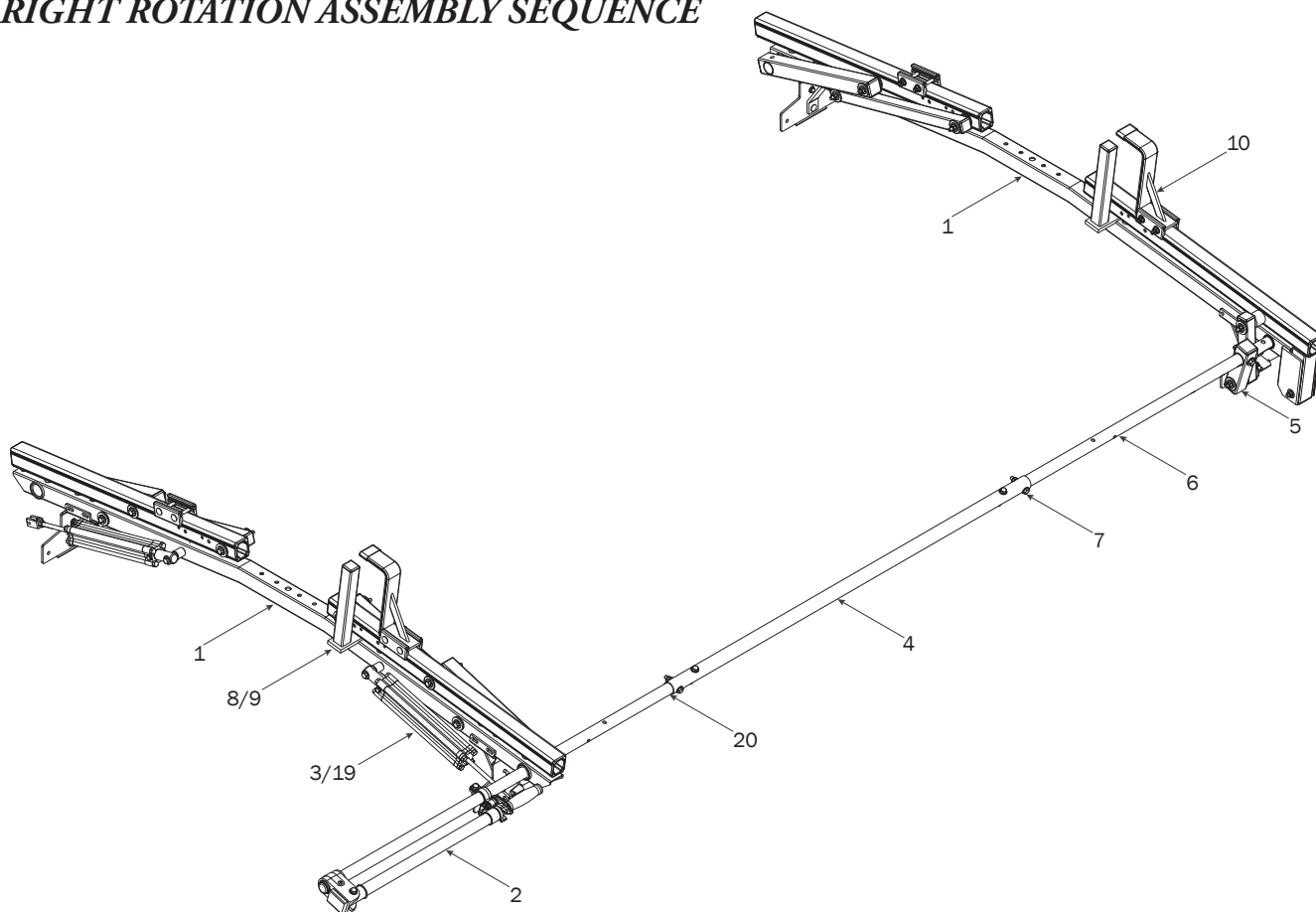
Assemble the Z Plate and secure with washer and nut. Do not tighten until installed on vehicle roof.



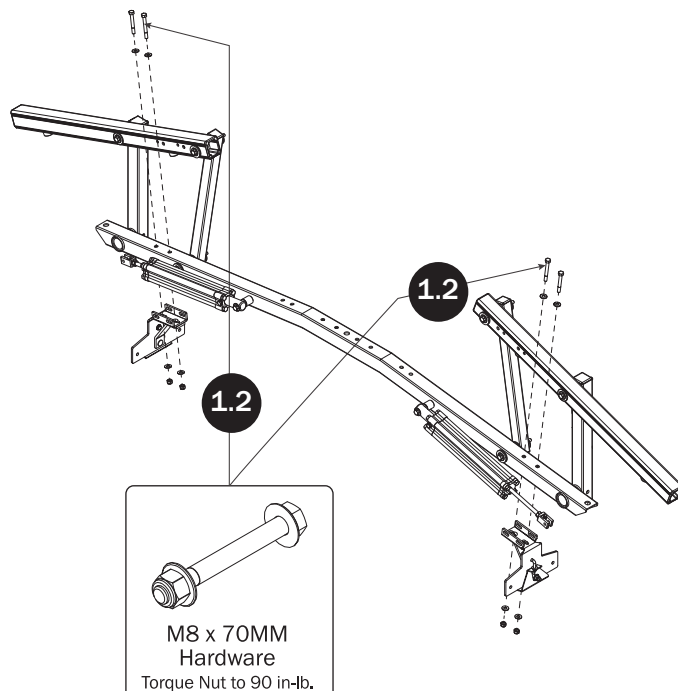
0.10

Proceed to Step 1.1

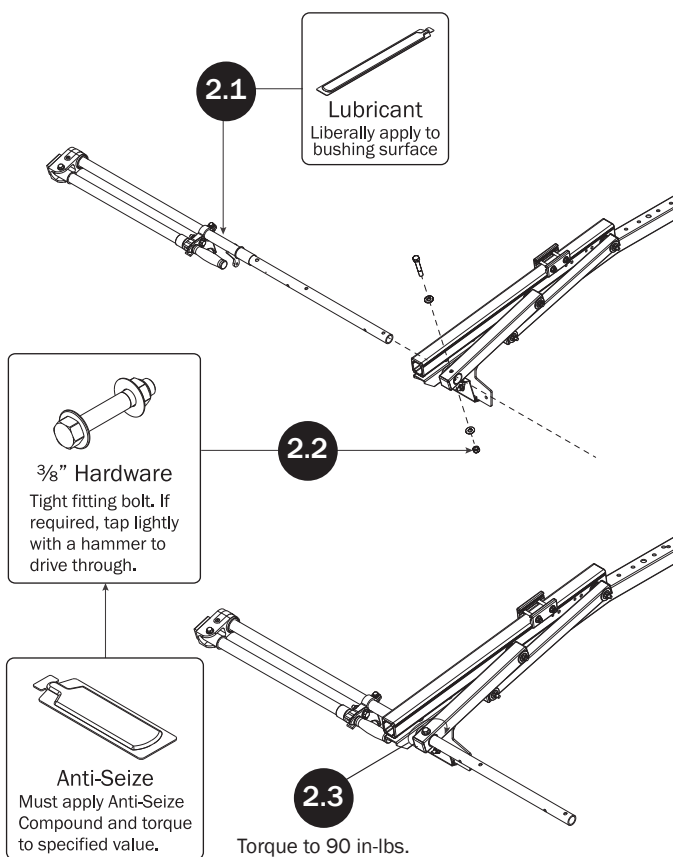


RIGHT ROTATION ASSEMBLY SEQUENCE**CROSSBARS**

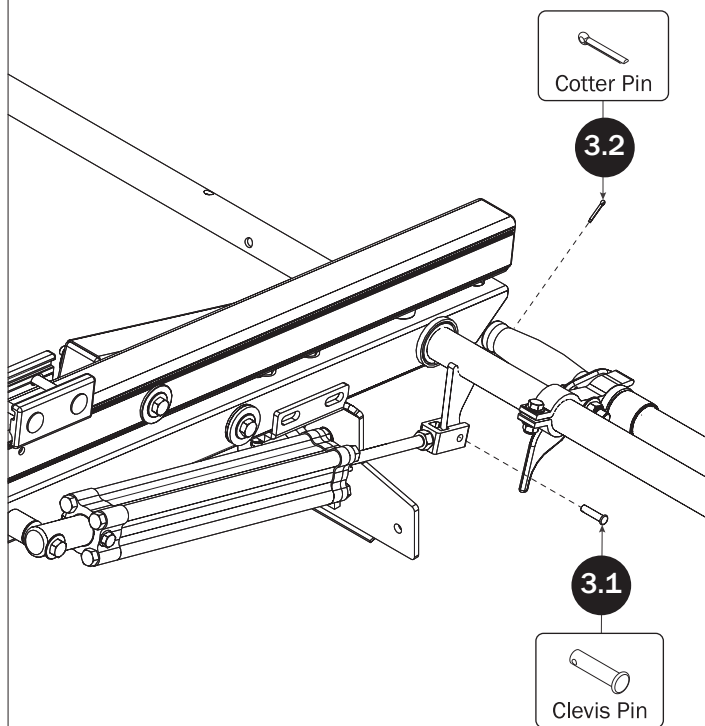
- 1.1** Apply Anti-Seize compound to Mounting Bracket bolts.



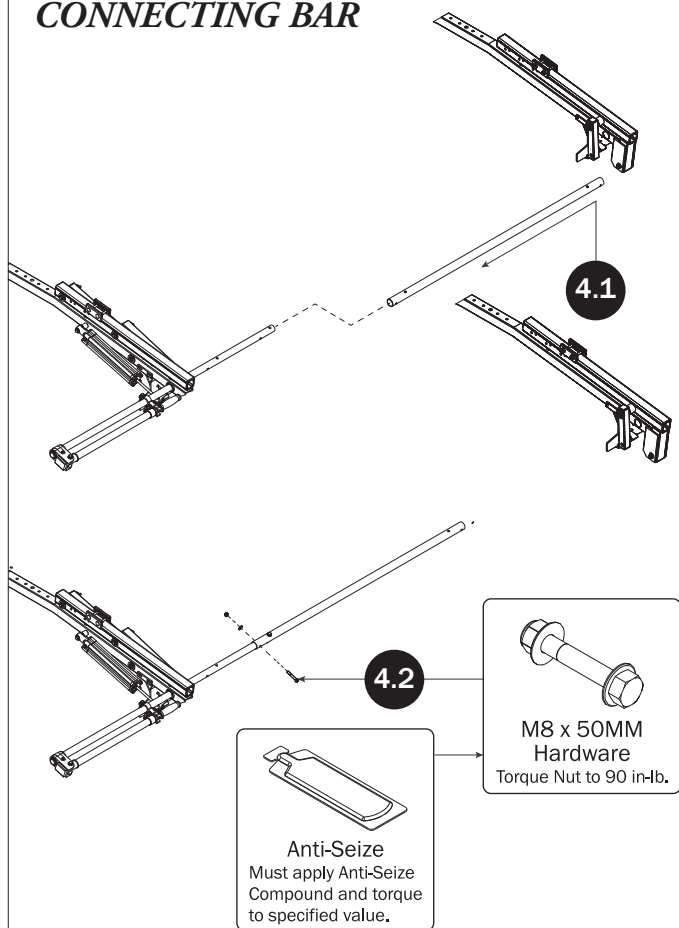
- 1.3** Repeat Steps 1.1–1.2 to install the remaining Mounting Brackets onto the Front Crossbar. Use the 5.0" Bracket on the Right hand side of the Front Crossbar.

REAR DRIVE SHAFT

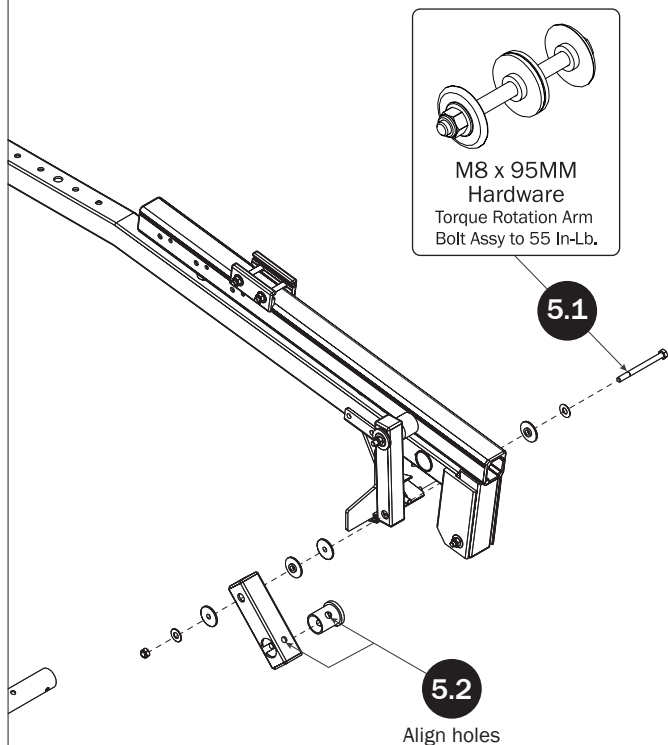
CYLINDER ASSEMBLY



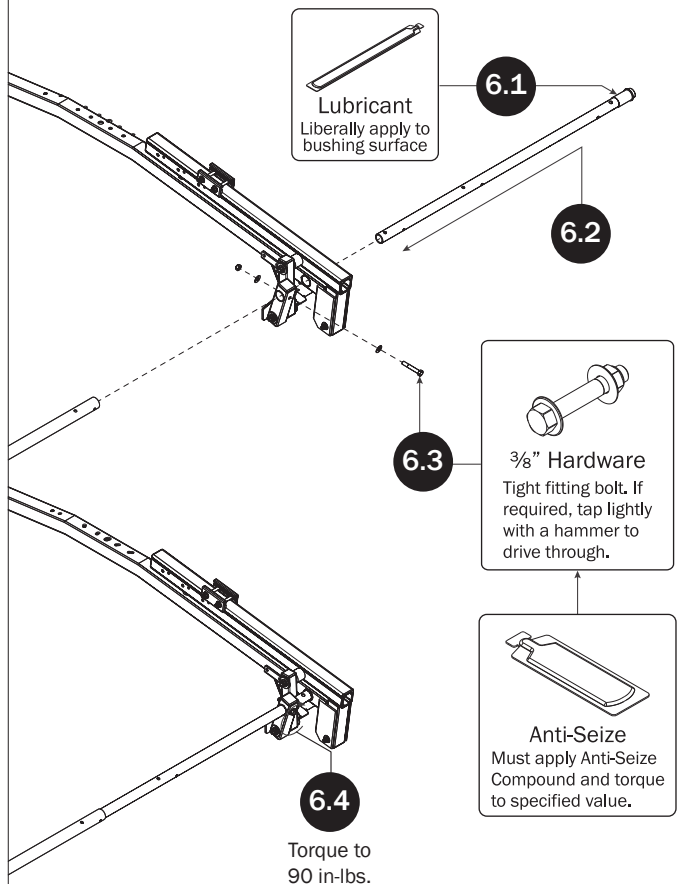
CONNECTING BAR



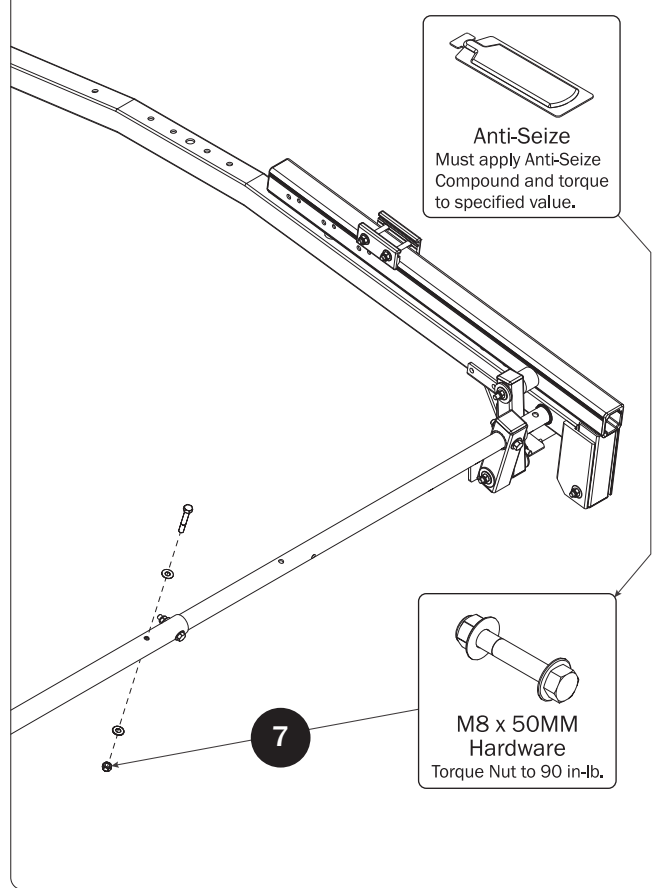
FRONT DRIVE ARM



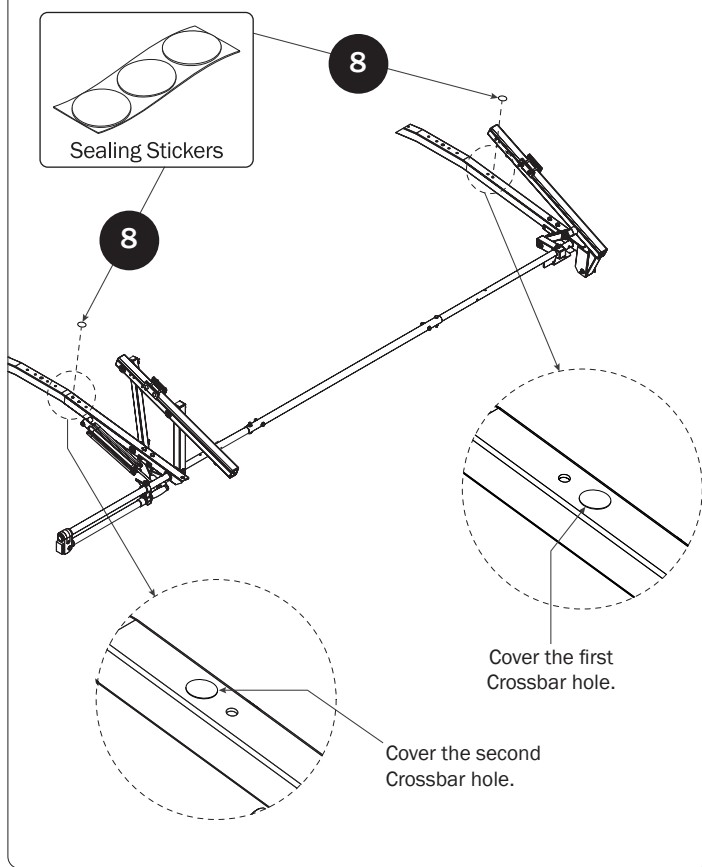
FRONT DRIVE SHAFT



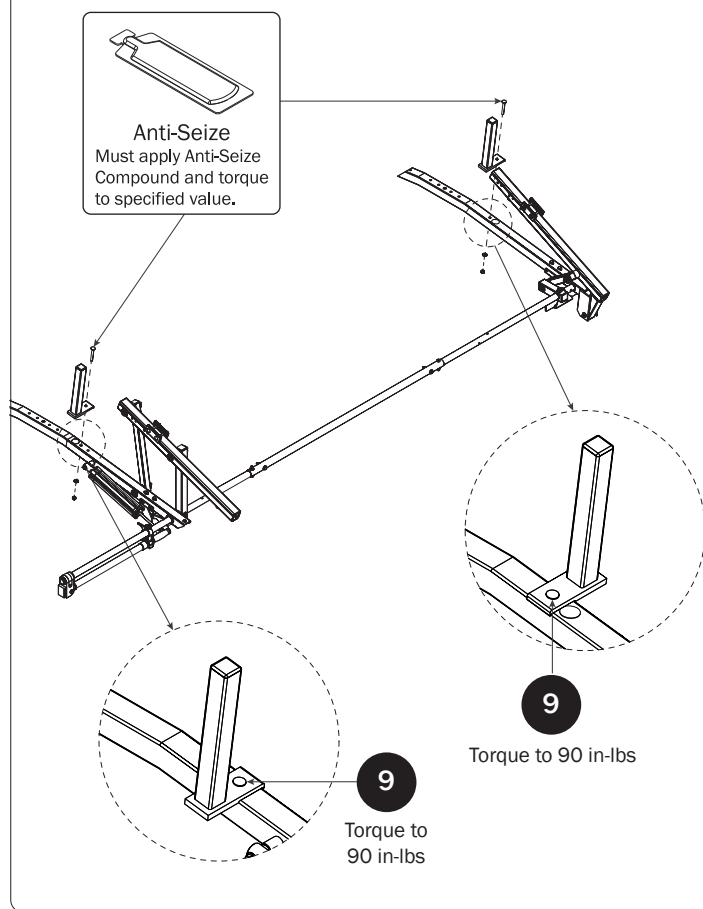
CONNECTING BAR FASTENERS



CROSSBAR SEALING

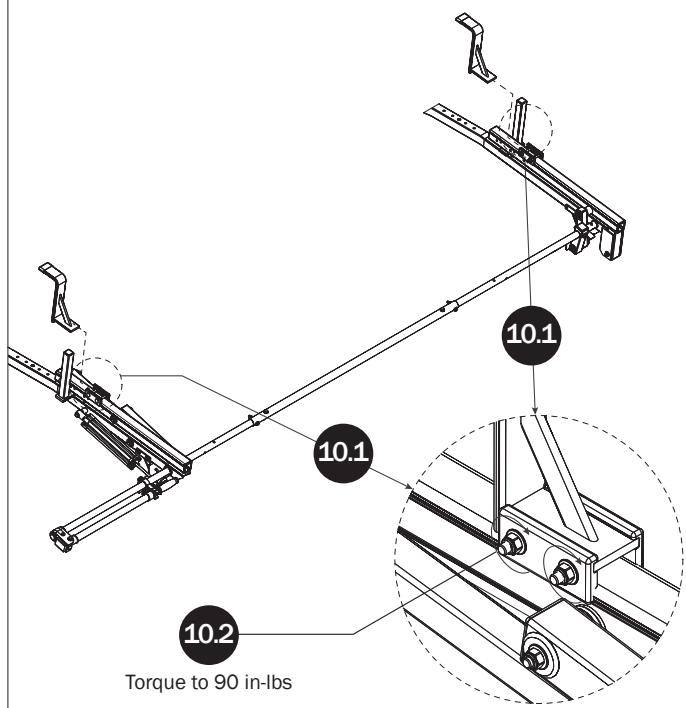


L POSTS

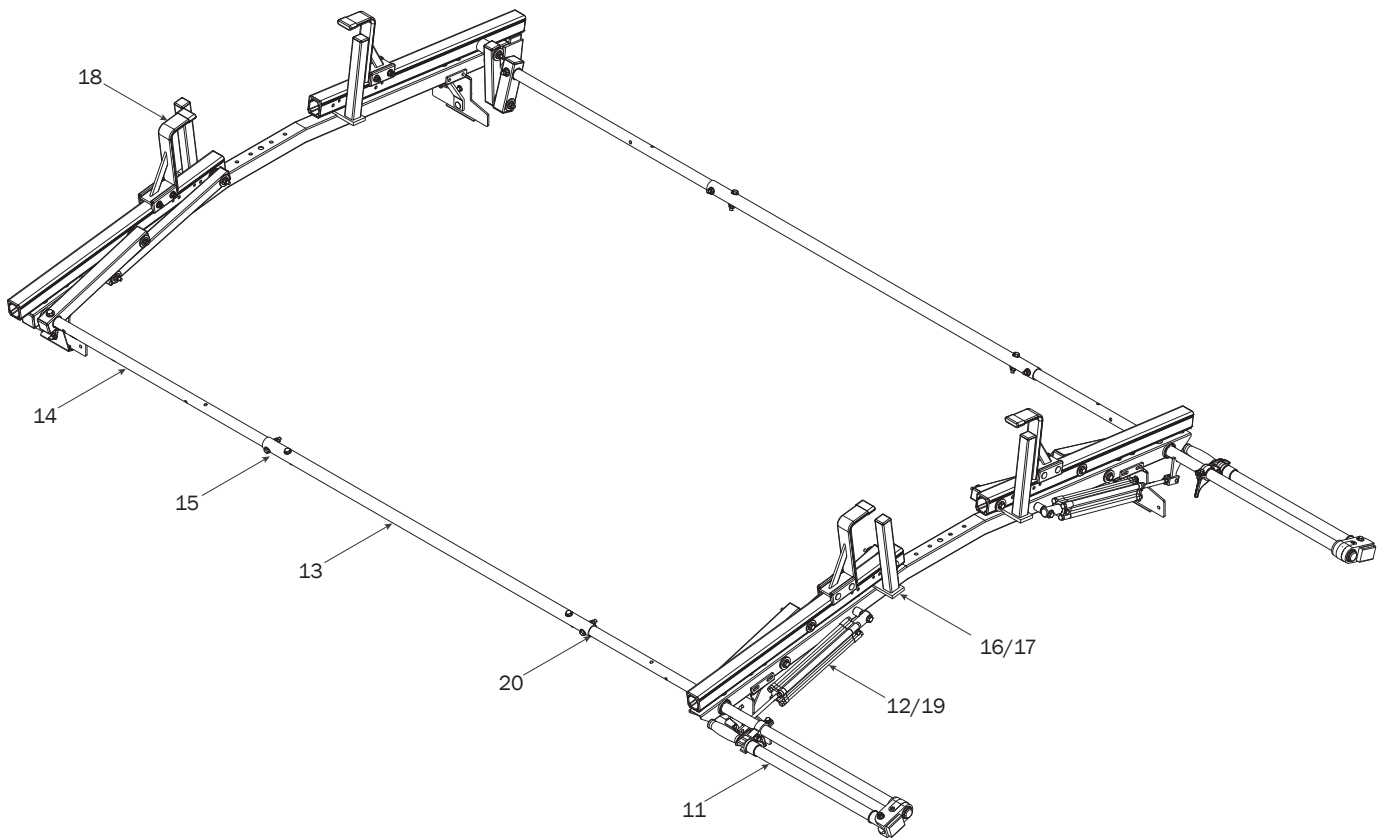


Z POSTS

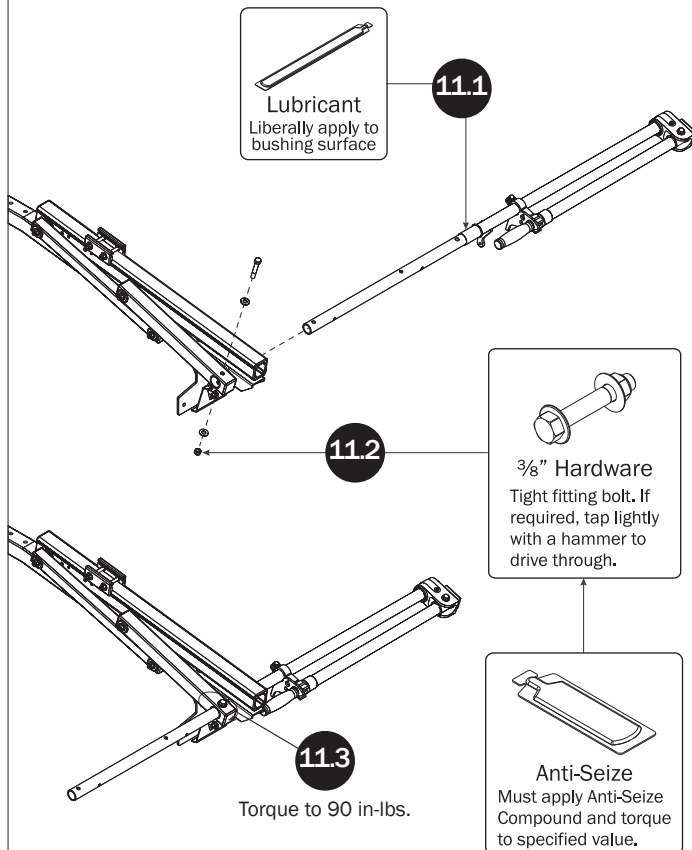
SEE QUICK START GUIDE FOR ADJUSTMENTS



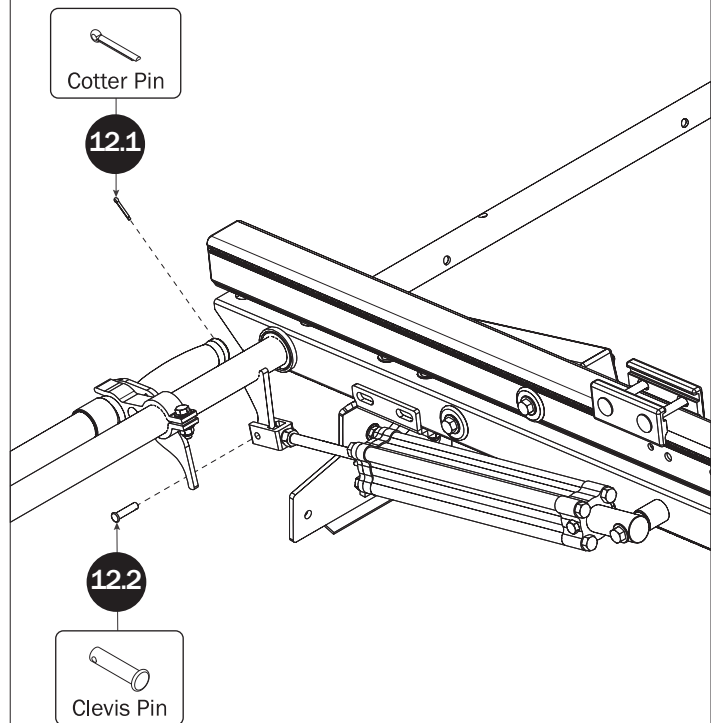
LEFT ROTATION ASSEMBLY SEQUENCE

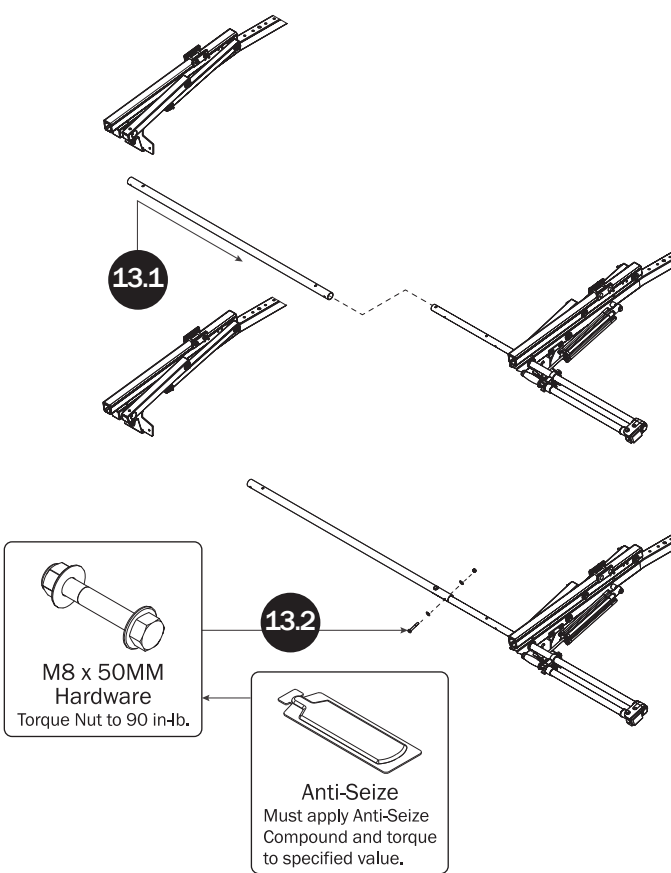
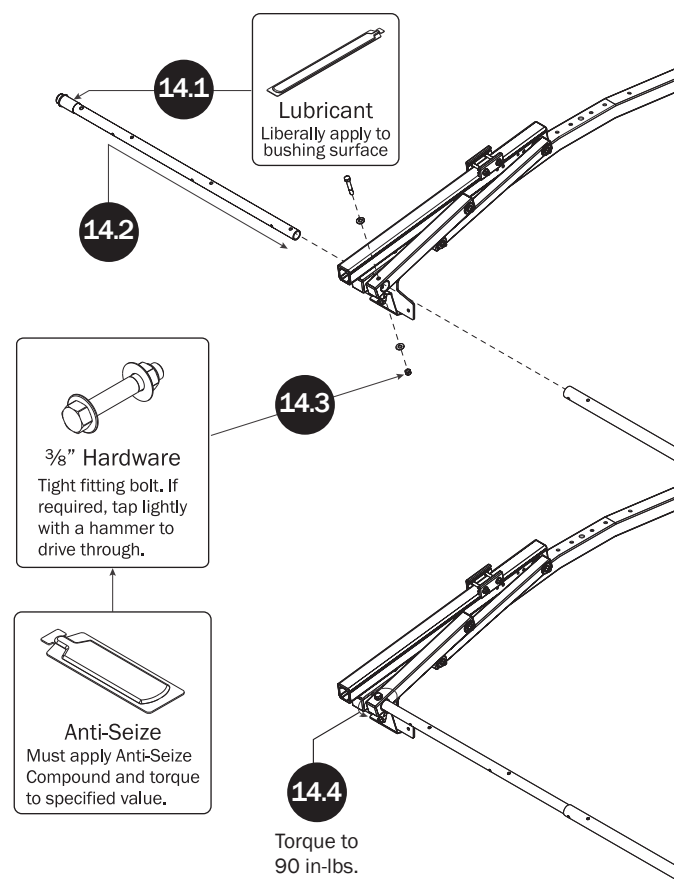
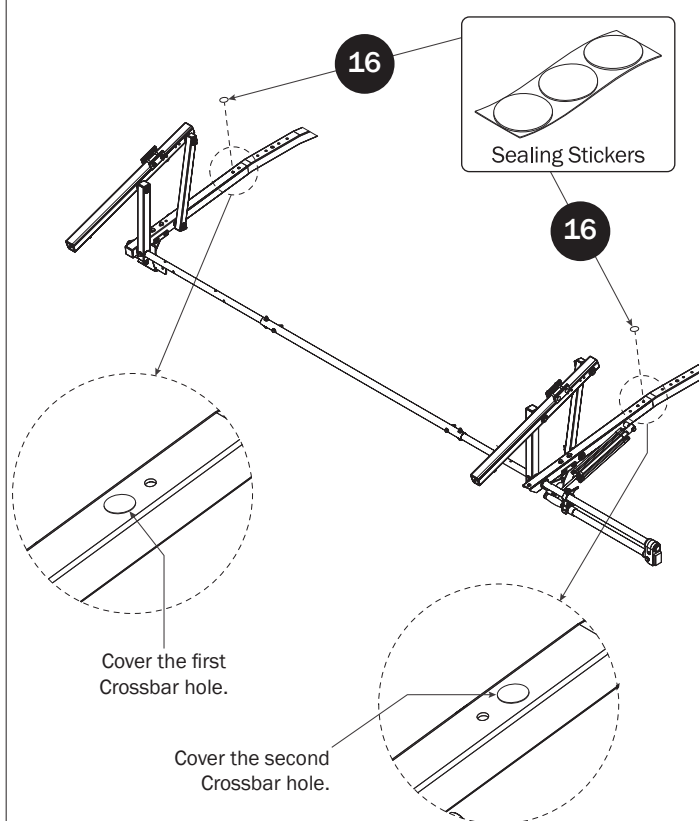


REAR DRIVE SHAFT

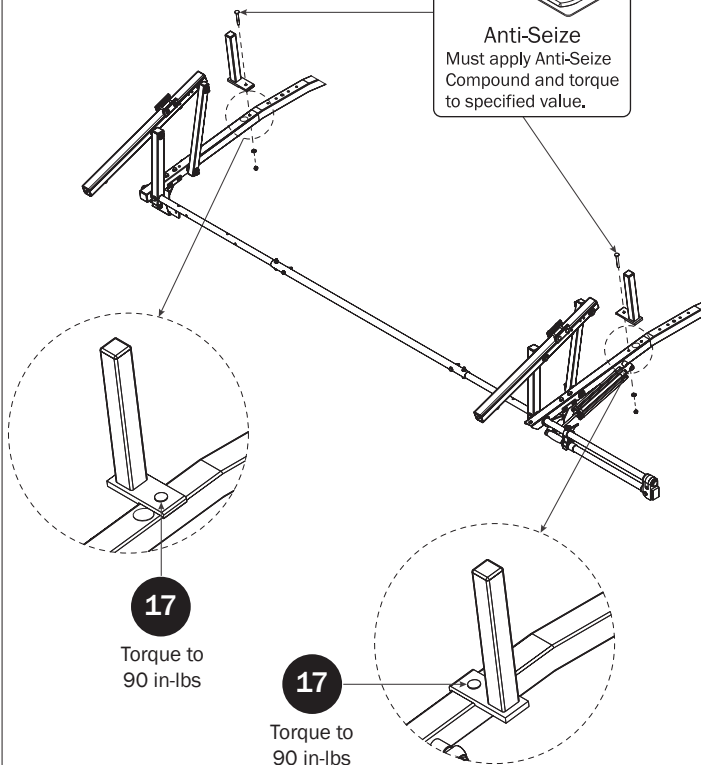


CYLINDER ASSEMBLY



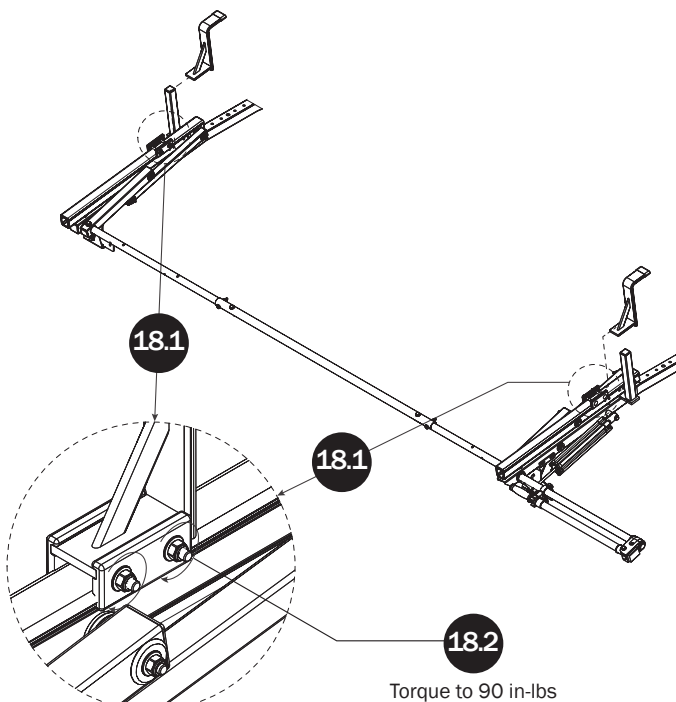
CONNECTING BAR**FRONT DRIVE SHAFT****CROSSBAR SEALING**

L POSTS

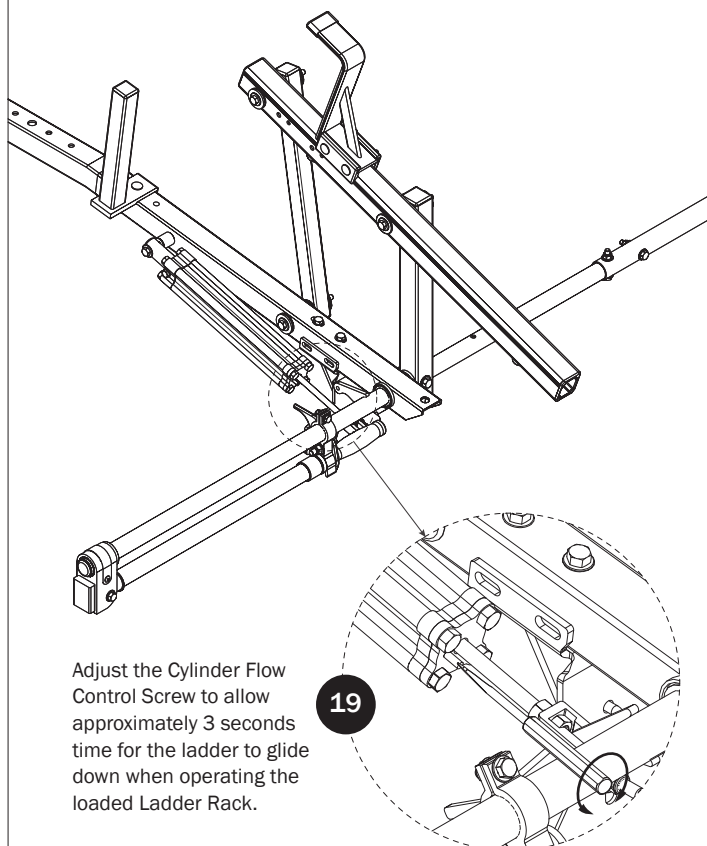


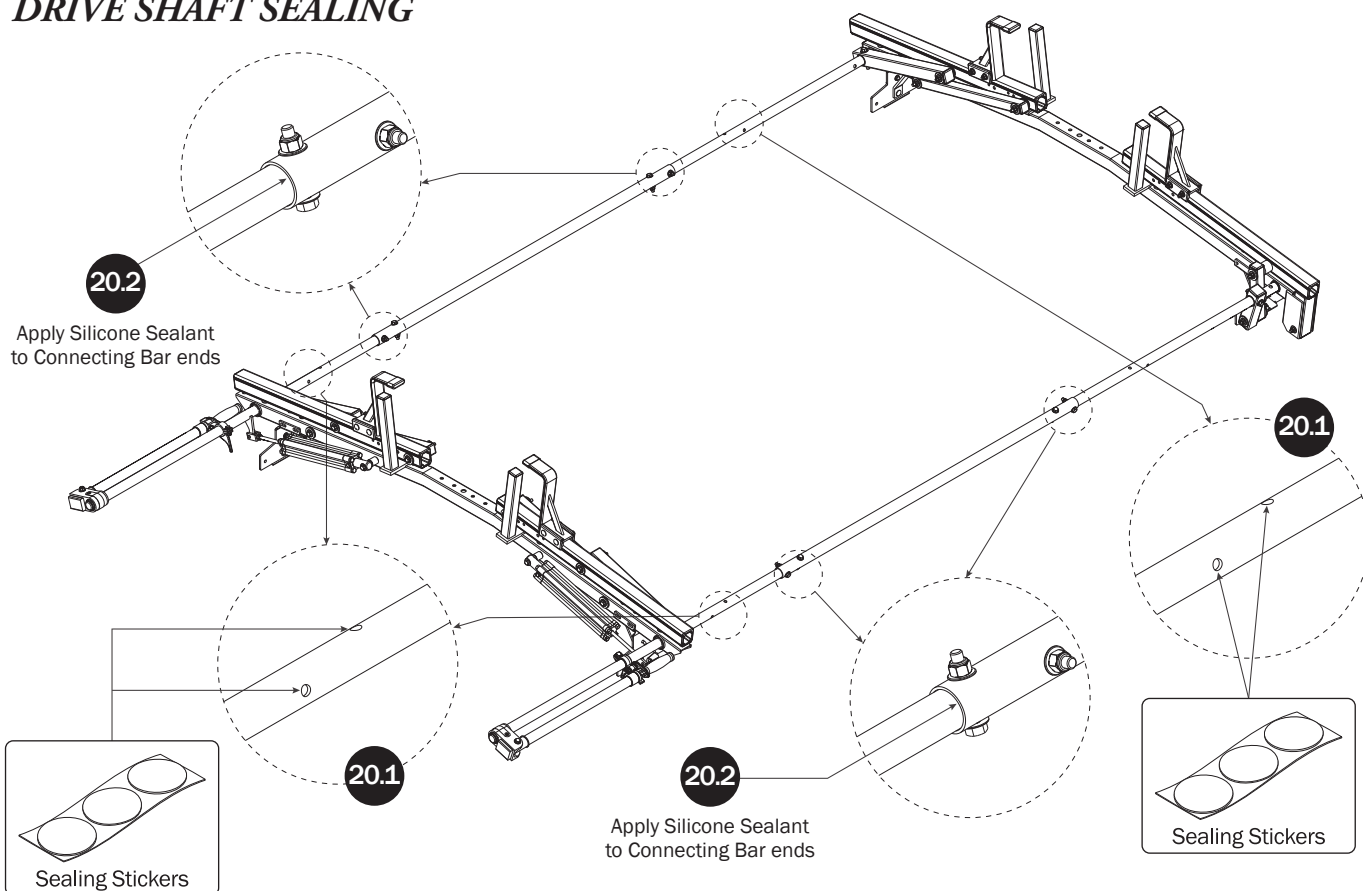
Z POSTS

SEE QUICK START GUIDE FOR ADJUSTMENTS



CYLINDER ADJUSTMENT



DRIVE SHAFT SEALING

USAM-VRI226-US01 Rev-B 0718