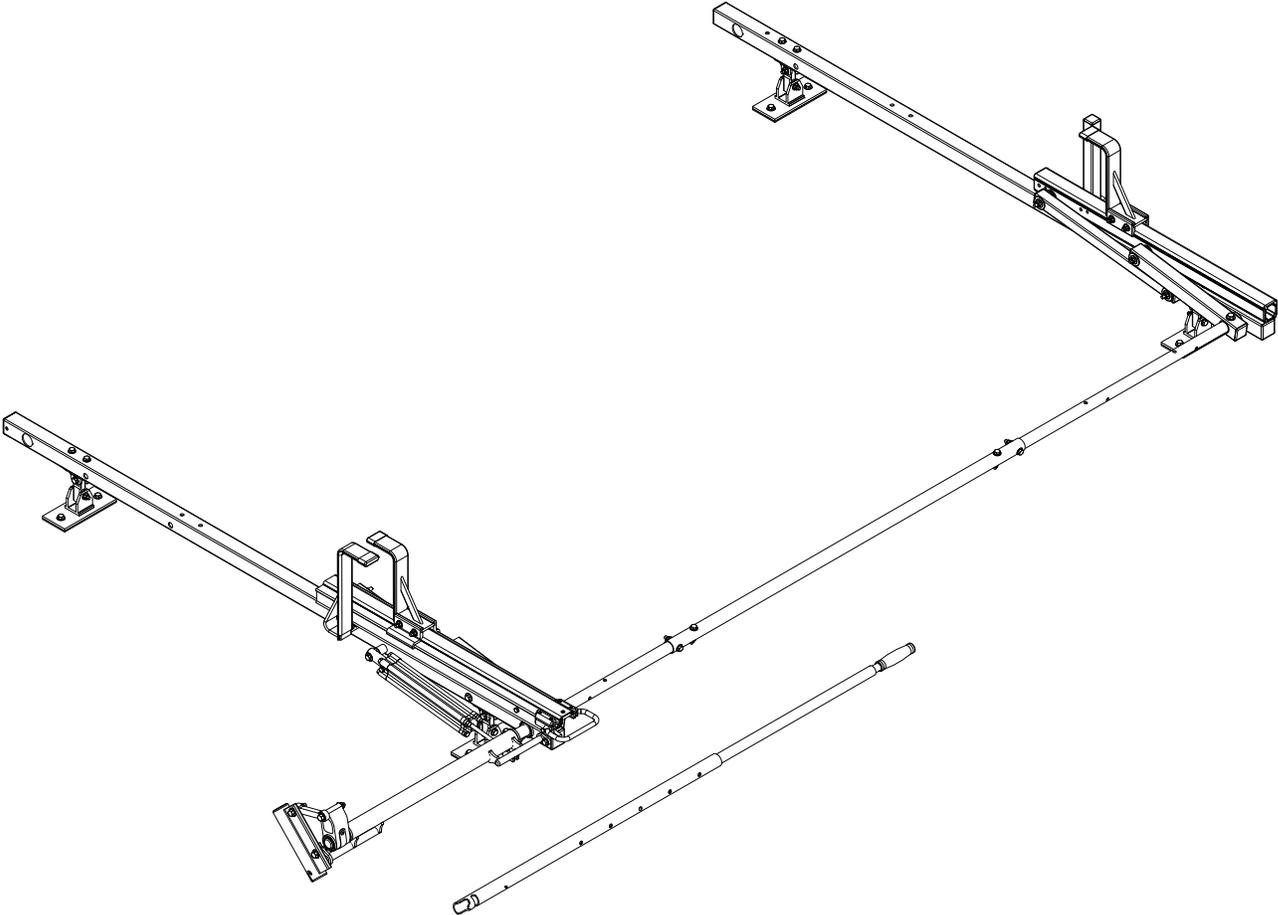


PRIME DESIGN™

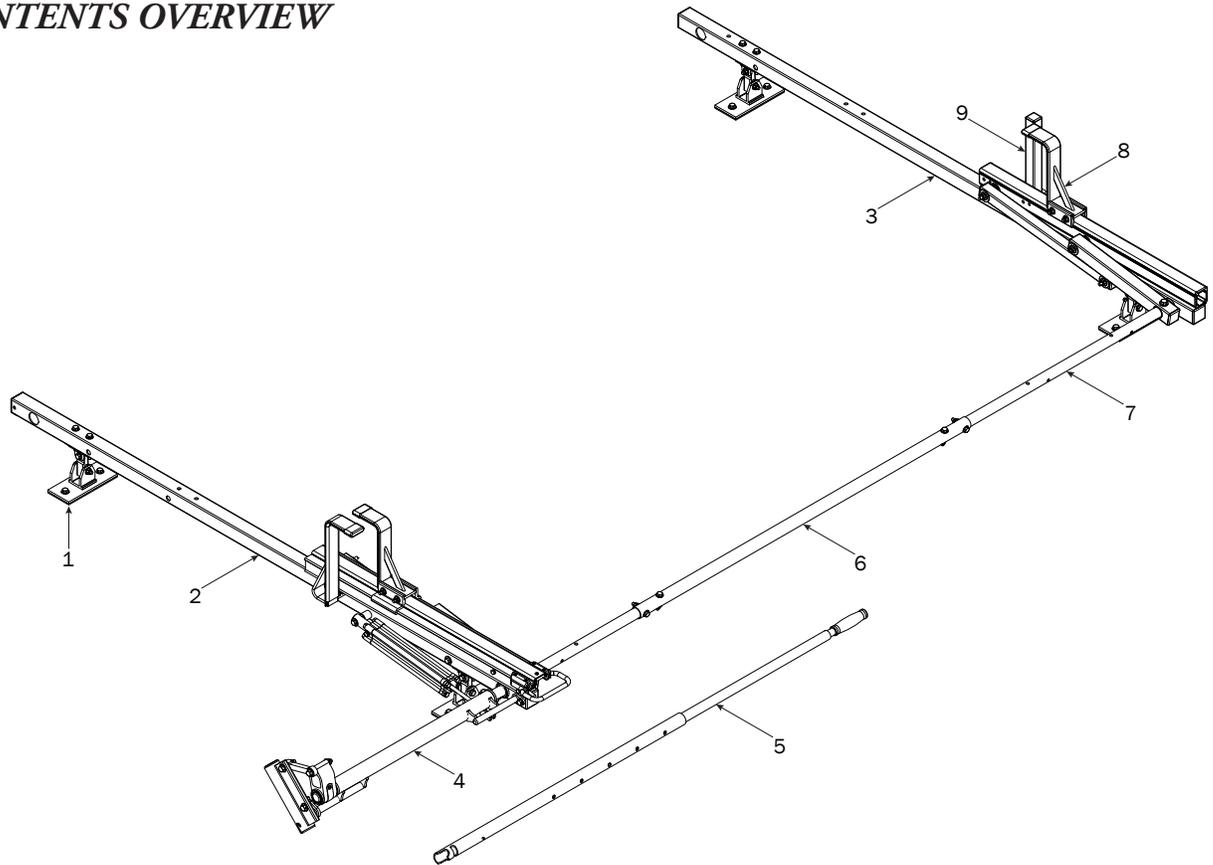
A Safe Fleet Brand



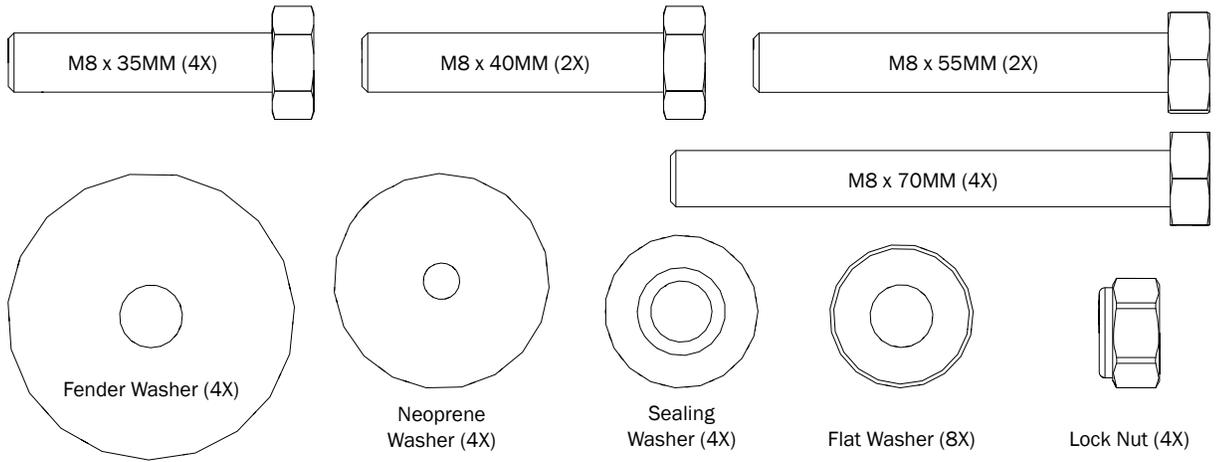
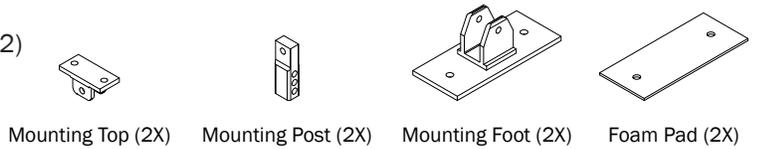
4

HXR-269-E-UM3

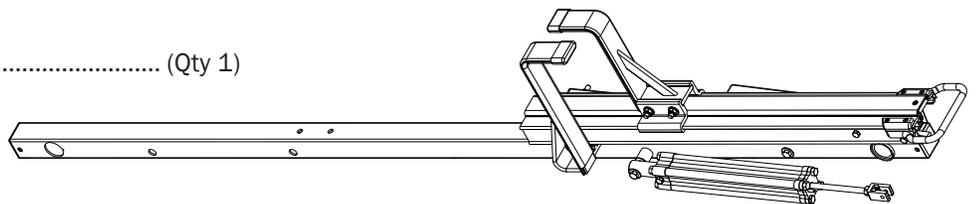
CONTENTS OVERVIEW



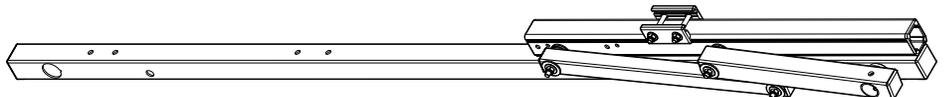
1—MTG-8003..... (Qty 2)
Mounting Feet w/HKT-8129



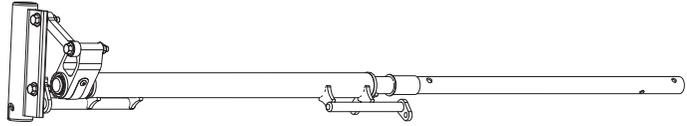
2—Rear Crossbar Assembly..... (Qty 1)



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



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



5—HHR Handle Assembly (Qty 1)
35.00"



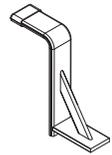
6—Connecting Bar (Qty 1)
4.00'



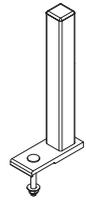
7—Front Drive Shaft (Qty 1)
B Version, 35.75"



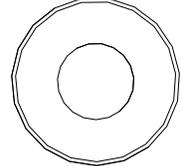
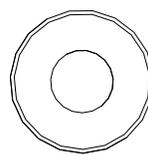
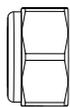
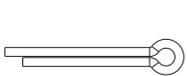
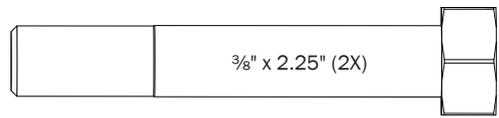
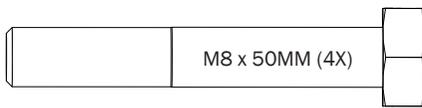
8—Z Post (Qty 1)
Adjustment, 7.25"



9—L Post (Qty 1)
Square Cap, 9.25"



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



Cotter Pin (1X)

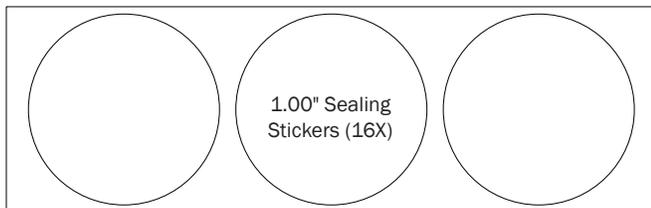
Clevis Pin (1X)

M8 Lock Nut (5X)

3/8" Lock Nut (2X)

5/16" Flat Washer (10X)

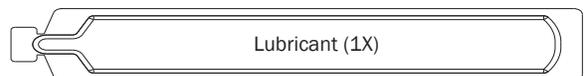
3/8" Flat Washer (4X)



1.00" Sealing Stickers (16X)



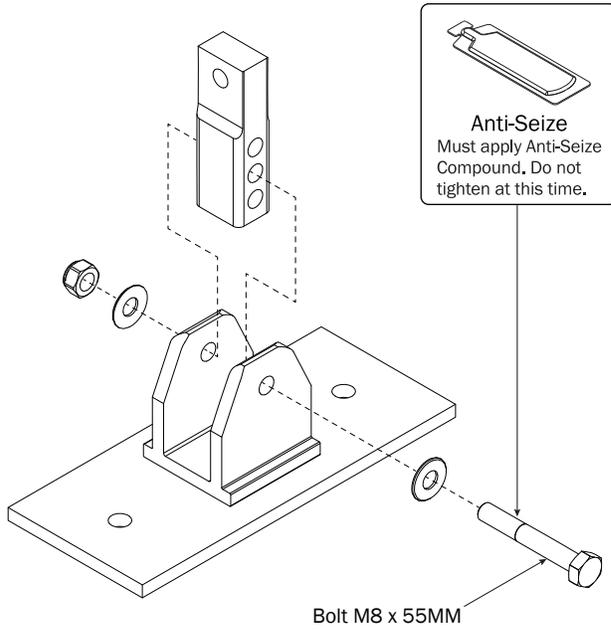
Anti-Seize (1X)



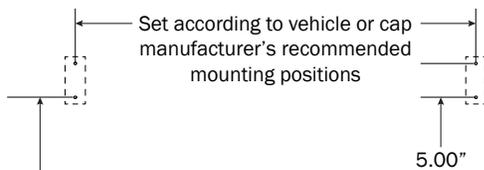
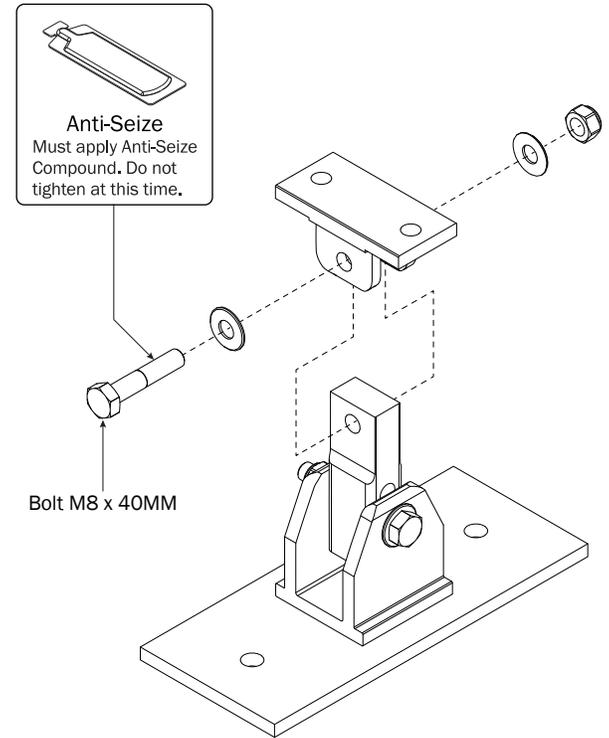
Lubricant (1X)

MTG-8003
MOUNTING BRACKETS TO ROOF

0.1 Assemble the Mounting Post to the Mounting Foot using the hardware as shown below.

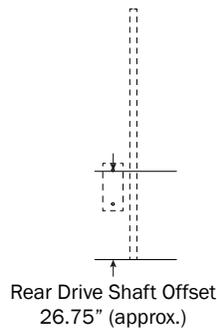


0.2 Assemble the Mounting Top to the Mounting Post using the hardware as shown below.

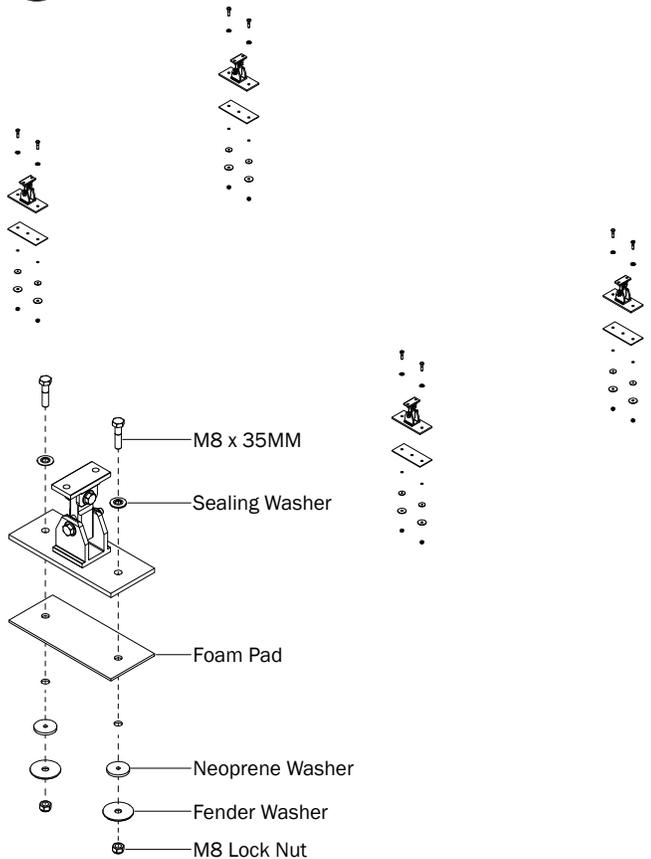


0.3 NOTE: The Rear Drive Shaft must not extend past the bumper of your vehicle. See Rear Drive Shaft Offset below for reference while placing your rack.

Marking and drilling distances are as shown.



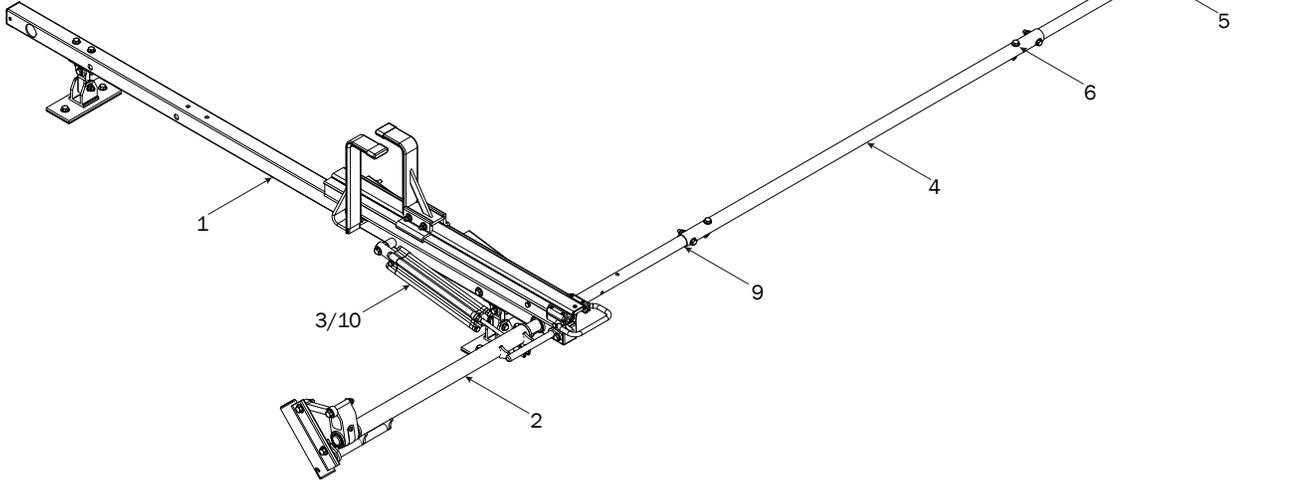
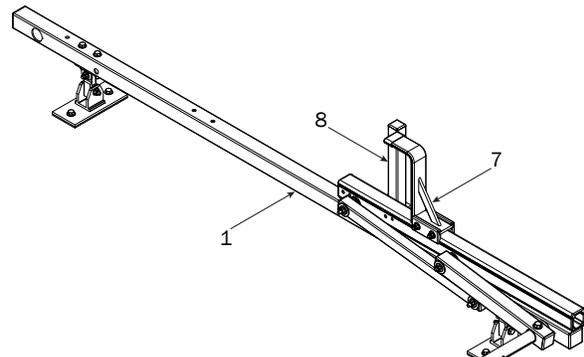
0.4 Assemble unto vehicle roof as shown, then torque the Mounting Feet nuts to 130 in-lbs.



RIGHT ROTATION ASSEMBLY SEQUENCE

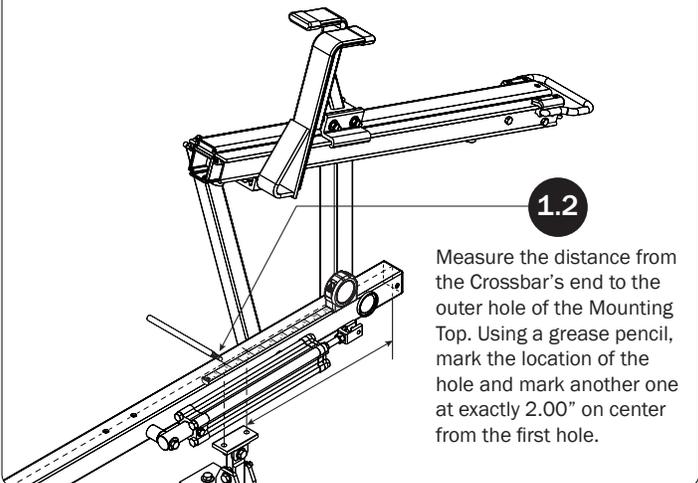
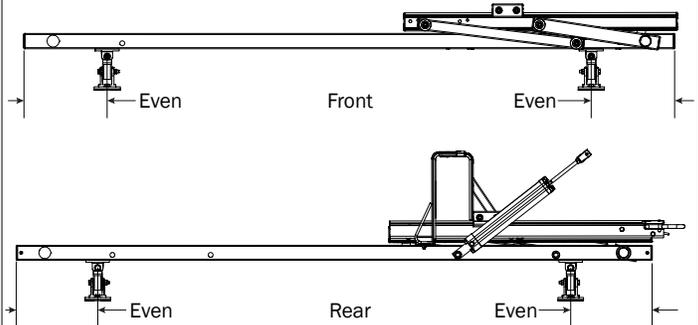


This Ladder Rack is engineered to fit a variety of vehicles and truck caps. As such, the Crossbars come without mounting holes and must be drilled to attach to the Bracket Tops after the Mounting Brackets have been installed to the vehicle or cap.

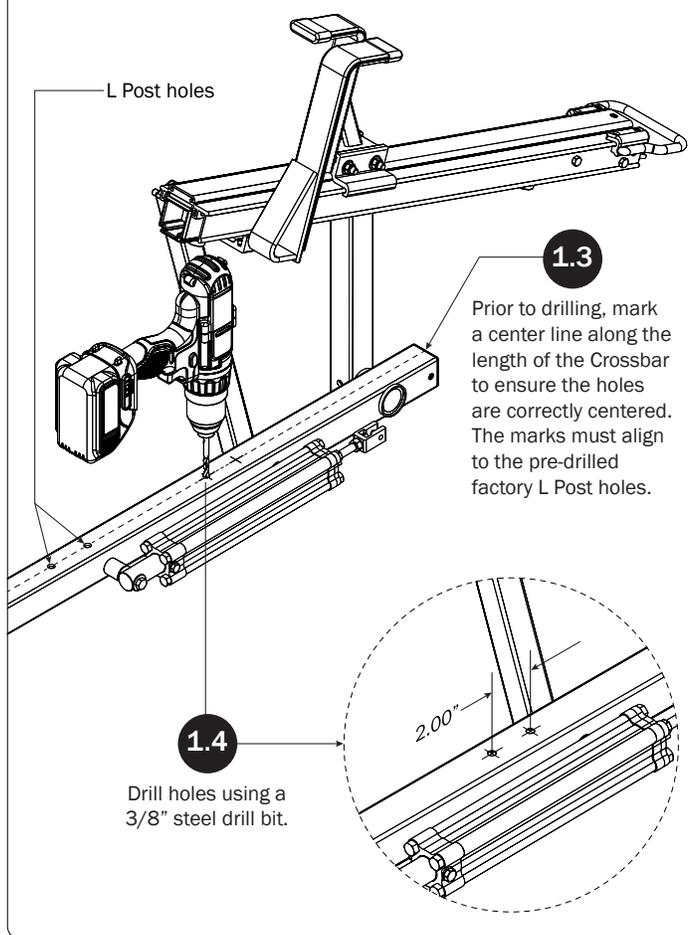


CROSSBARS

1.1 Center the Front and Rear Crossbars onto Mounting Brackets.



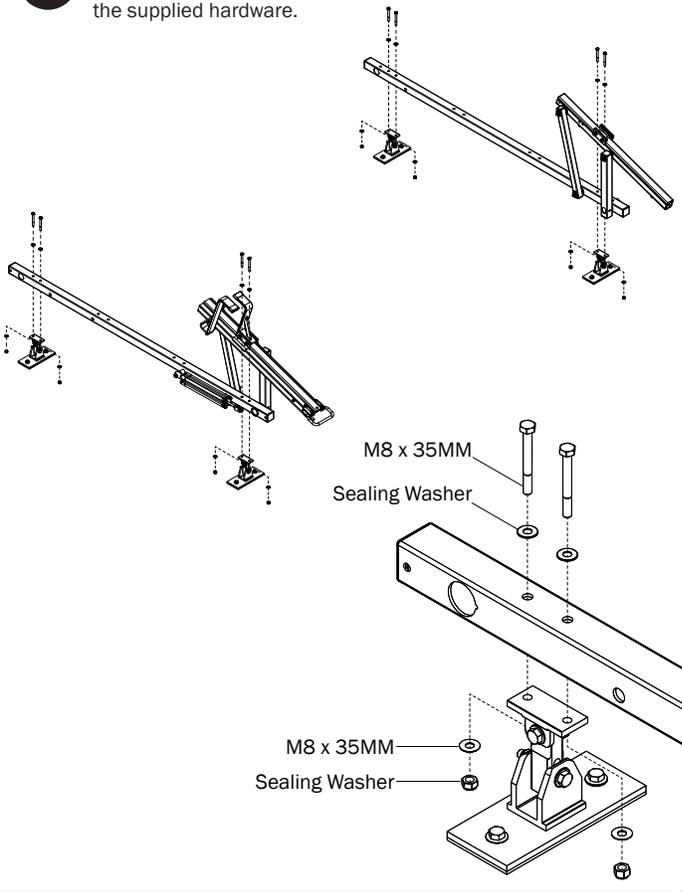
1.2 Measure the distance from the Crossbar's end to the outer hole of the Mounting Top. Using a grease pencil, mark the location of the hole and mark another one at exactly 2.00" on center from the first hole.



1.3 Prior to drilling, mark a center line along the length of the Crossbar to ensure the holes are correctly centered. The marks must align to the pre-drilled factory L Post holes.

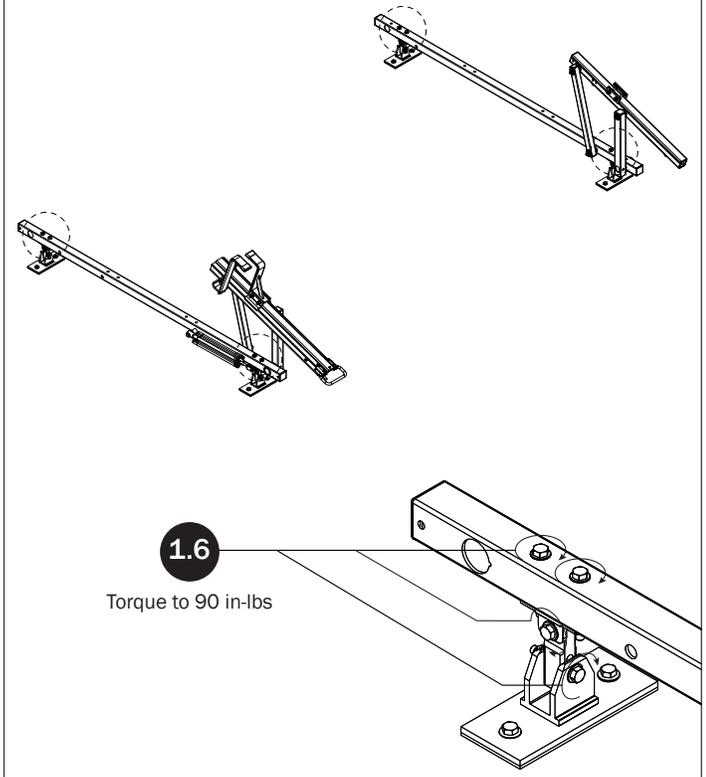
1.4 Drill holes using a 3/8" steel drill bit.

1.5 Attach the Crossbars to the Mounting Brackets using the supplied hardware.



1.6

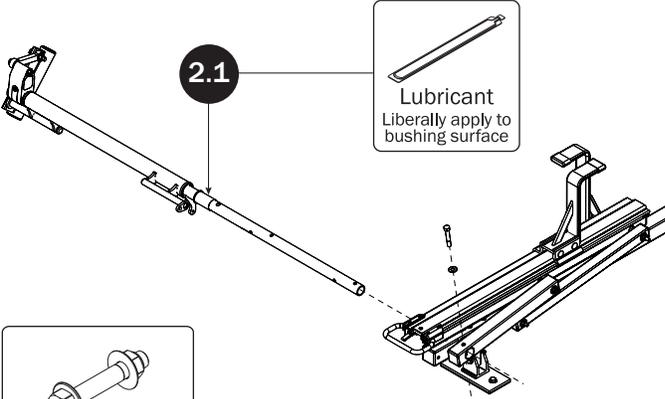
Torque to 90 in-lbs



REAR DRIVE SHAFT

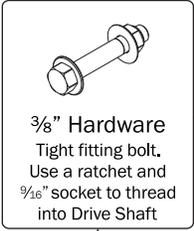
2.1

Lubricant
Liberaly apply to bushing surface



2.2

3/8" Hardware
Tight fitting bolt.
Use a ratchet and 3/16" socket to thread into Drive Shaft



2.3

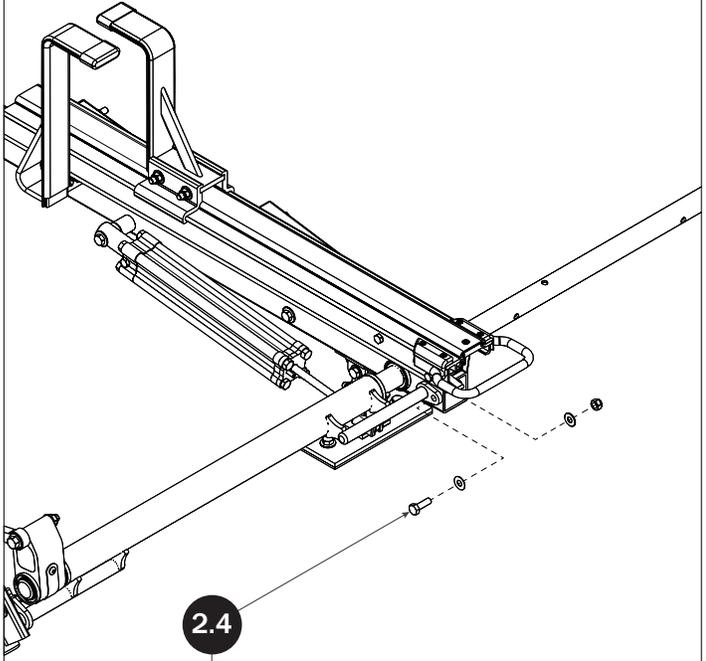
Torque to 90 in-lbs

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



2.4

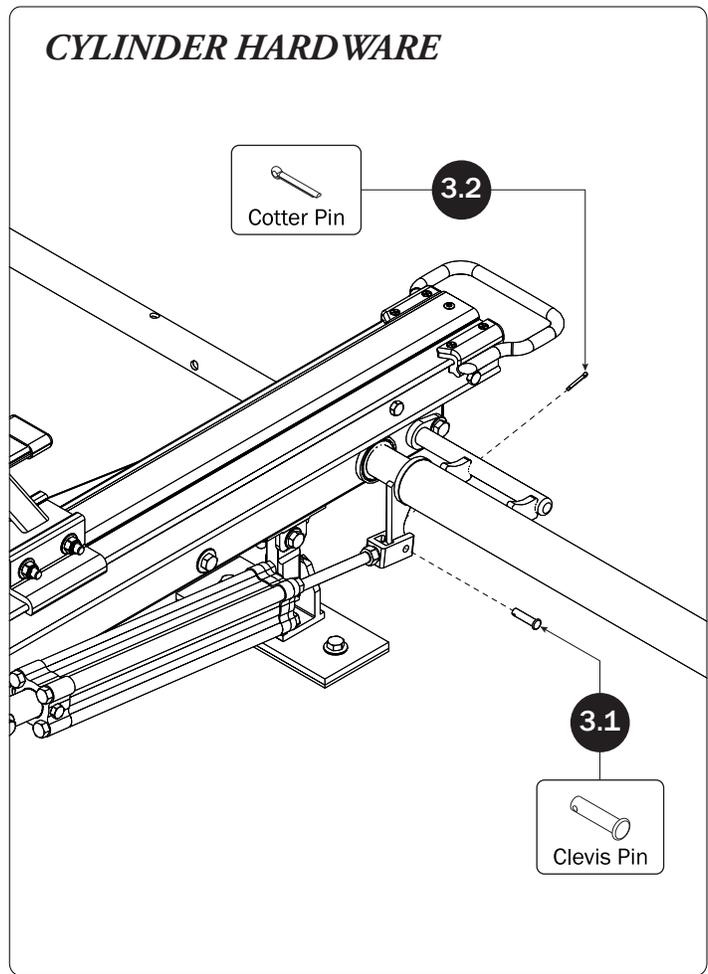
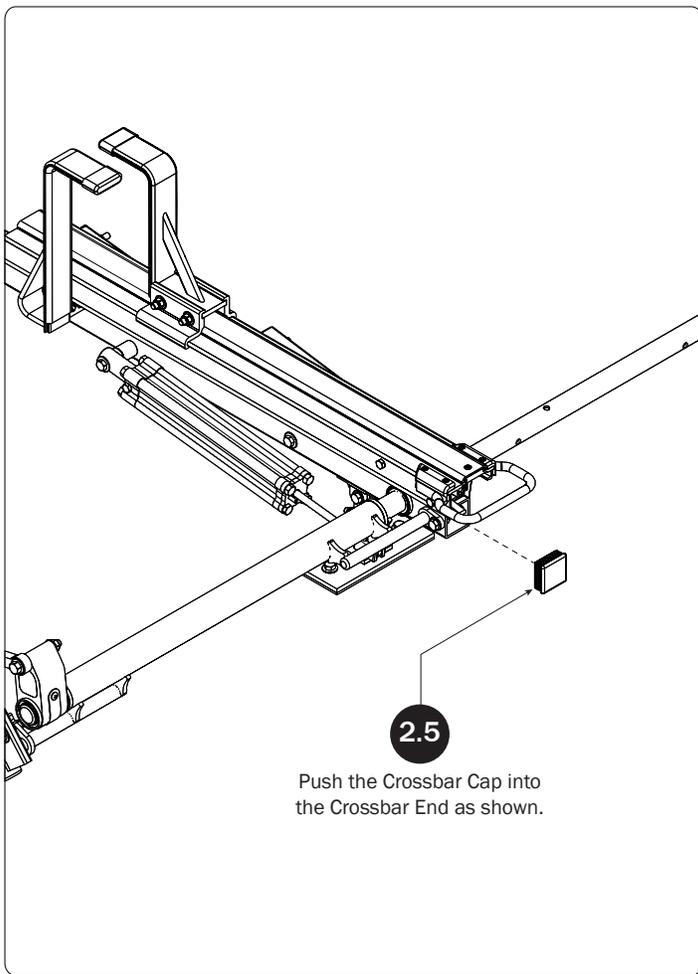
M8 x 25MM Hardware
Torque to 90 in-lbs



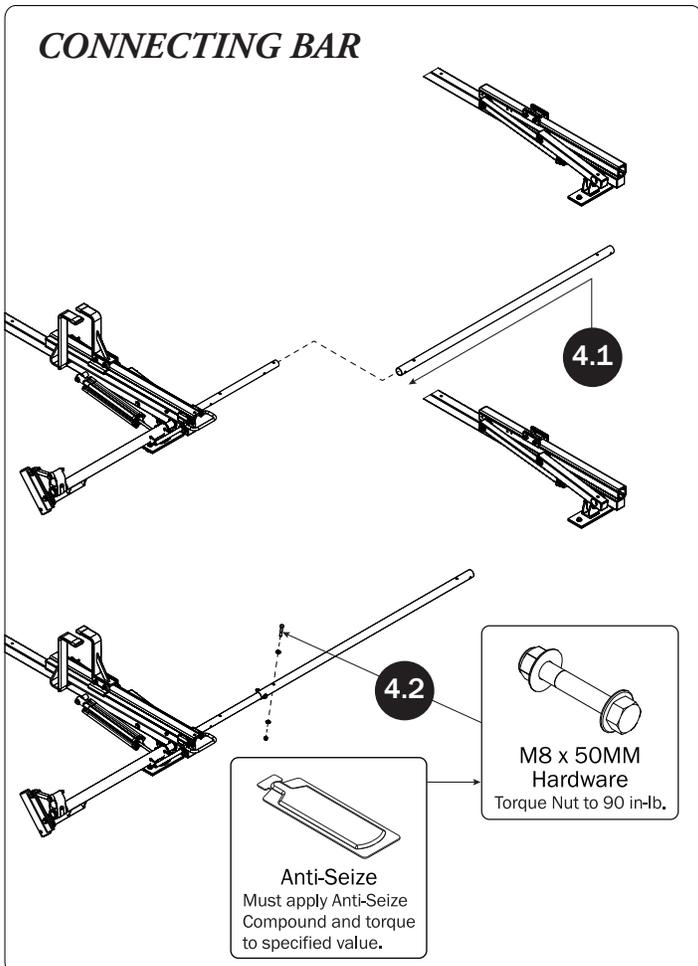
Anti-Seize
Must apply Anti-Seize Compound and torque to specified value.



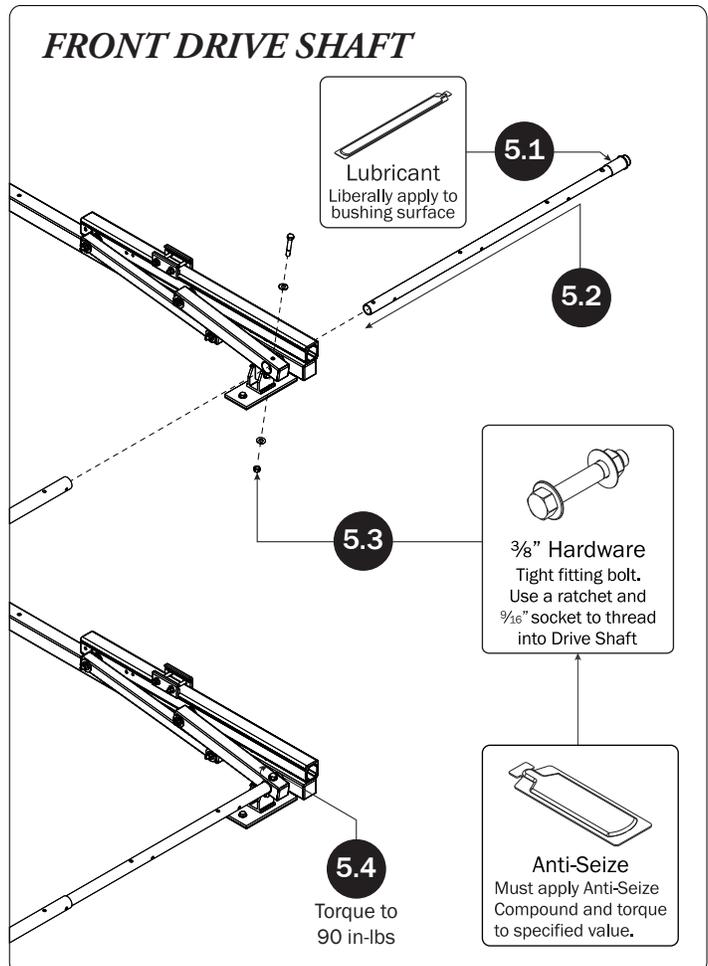
CYLINDER HARDWARE



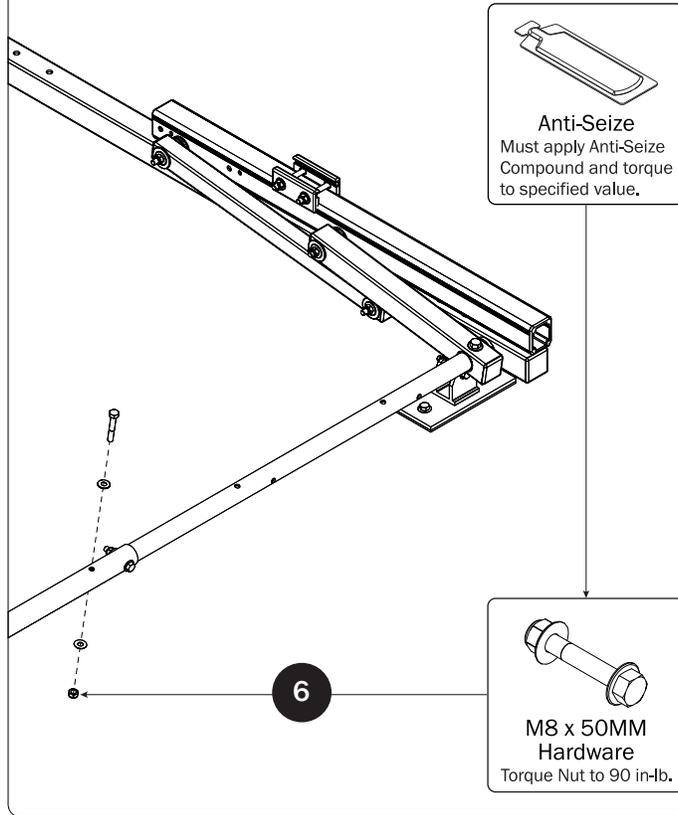
CONNECTING BAR



FRONT DRIVE SHAFT

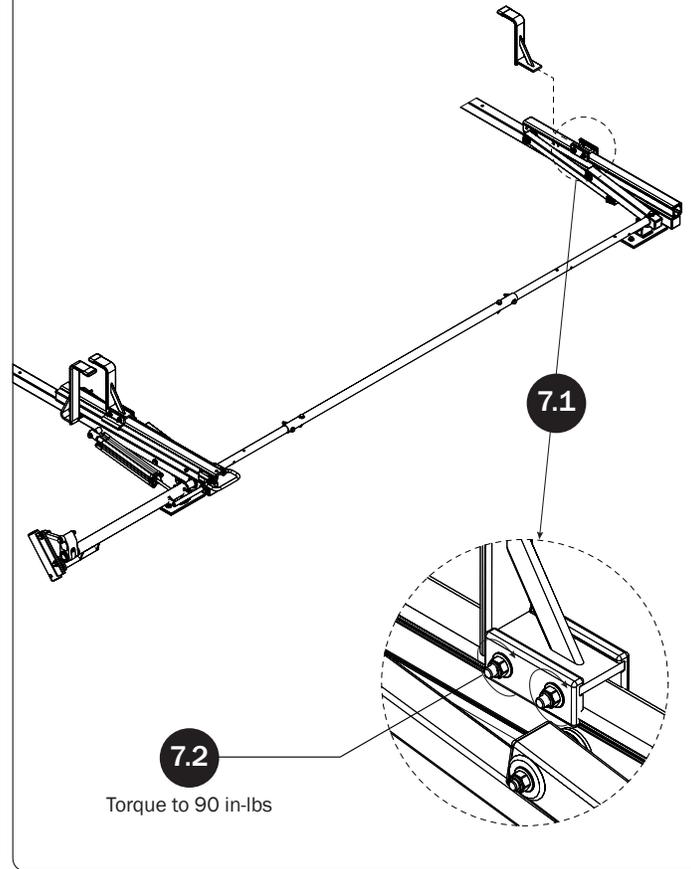


CONNECTING BAR FASTENERS

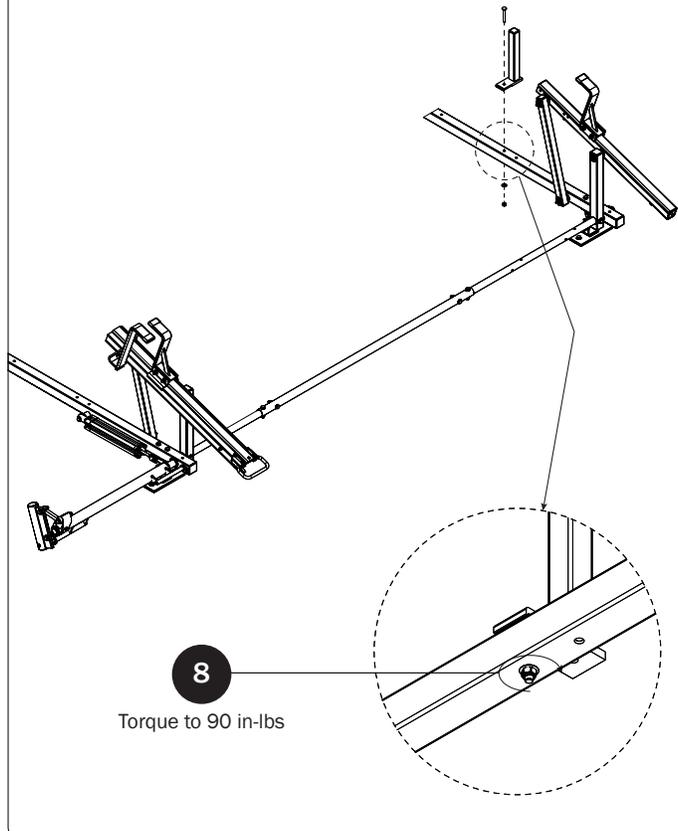


Z POST

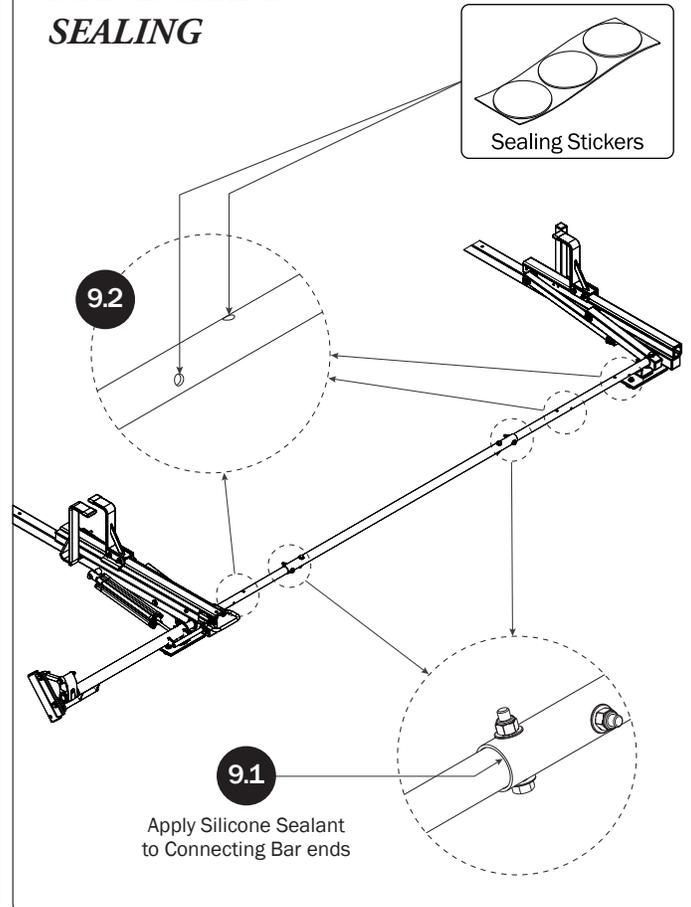
SEE QUICK START GUIDE FOR ADJUSTMENTS



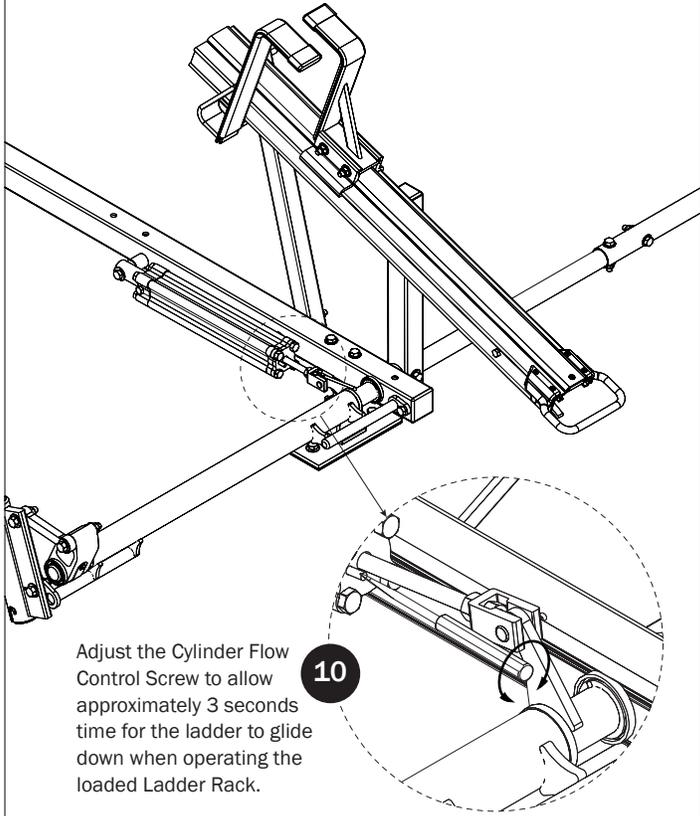
L POST



DRIVE SHAFT SEALING



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.

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