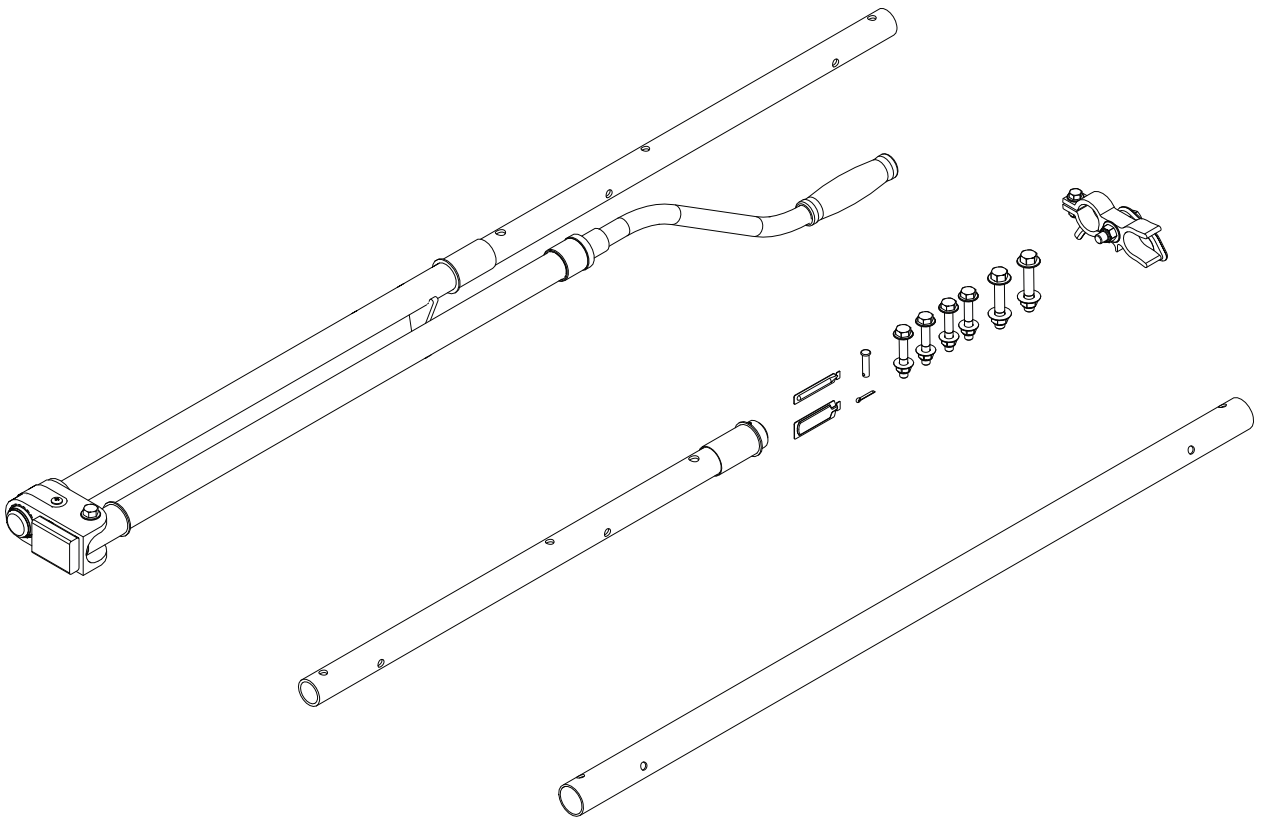
PRIME DESIGN™

A Safe Fleet Brand

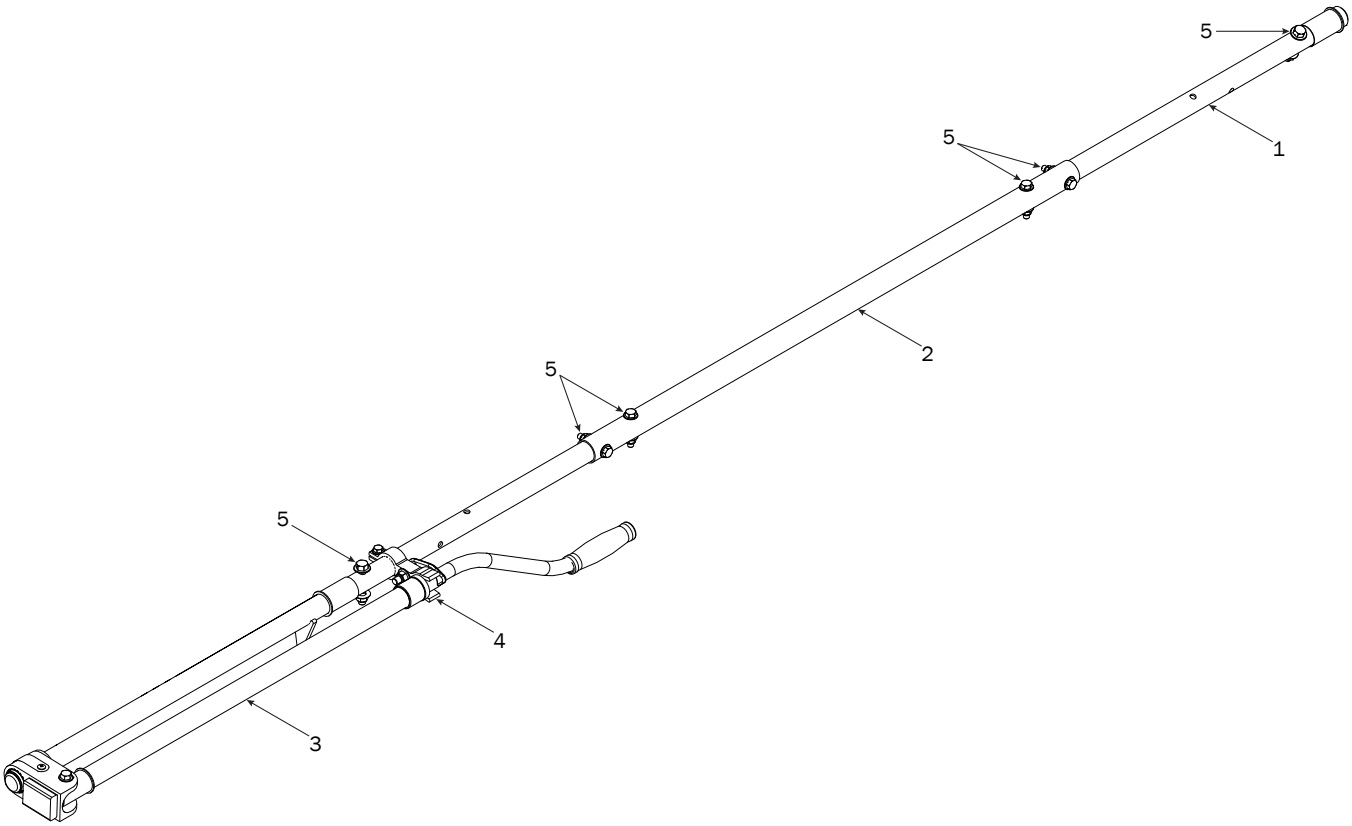
FEA 0015



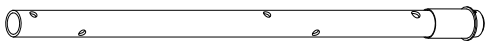
# *RIGHT SIDE DRIVE SHAFT KIT, LOW ROOF*

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 ▪ Website: www.primedesign.net

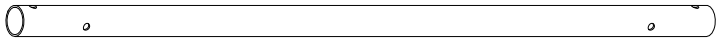
## *CONTENTS OVERVIEW*



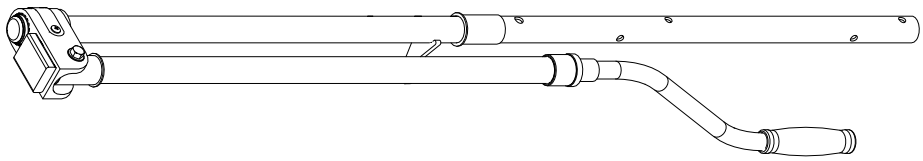

1—Front Drive Shaft ..... (Qty 1)
B Version, 23.75”



2—Connecting Bar..... (Qty 1)
36.00”



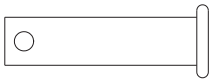
3—Rear Drive Shaft..... (Qty 1)
Right Hand, B4 Version, 46.00”



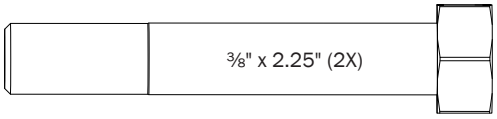
4—Handle Latch Assembly ..... (Qty 1)
Right Hand

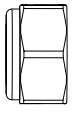
5—HKT-8162..... (Qty 1)
Modular Rotation Hardware Kit

Cotter Pin (1X)

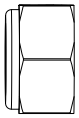


Clevis Pin (1X)

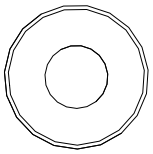



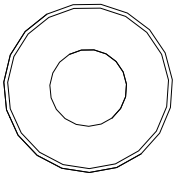
M8 Lock Nut (4X)



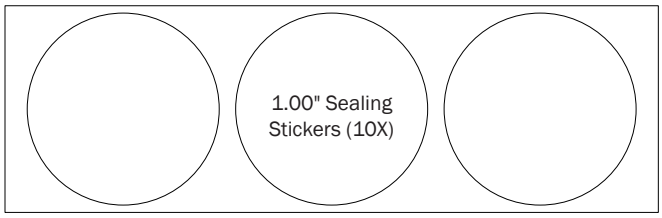
3⁄8" Lock Nut (2X)



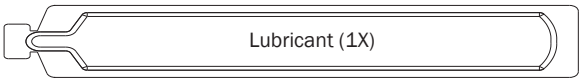
5⁄16" Flat Washer (8X)



3⁄8" Flat Washer (4X)



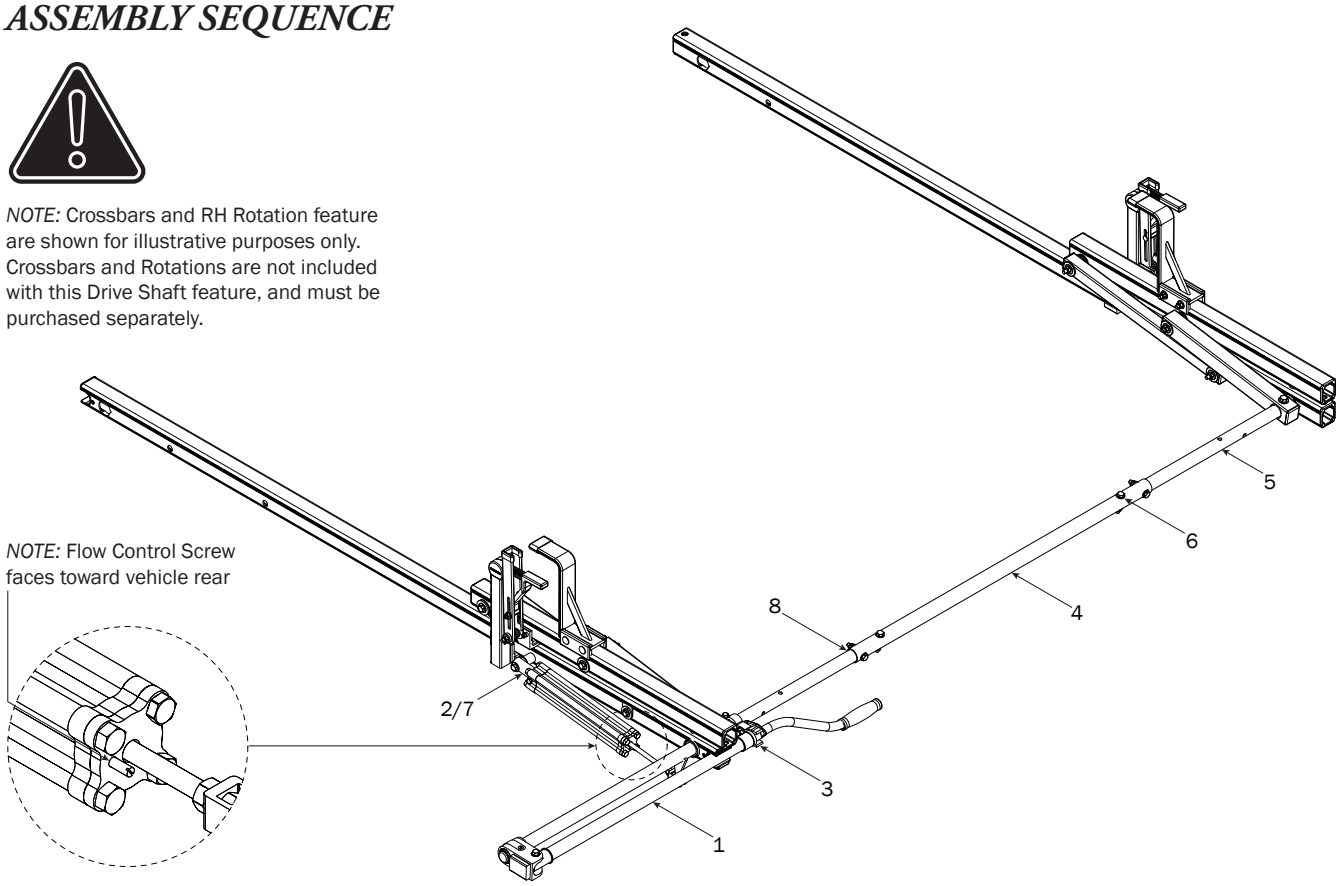




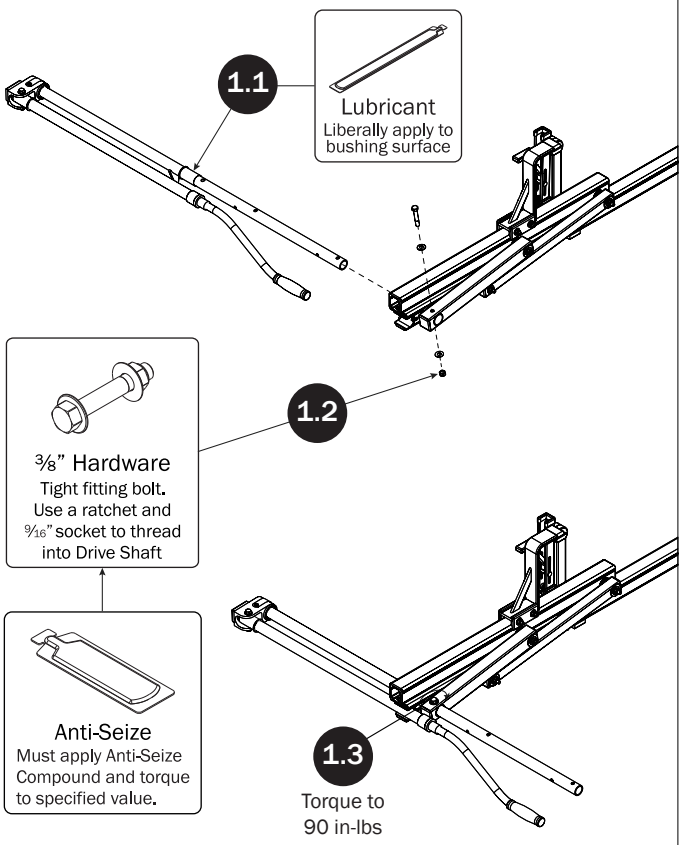
## *RIGHT DRIVE SHAFT ASSEMBLY SEQUENCE*

*NOTE:* Crossbars and RH Rotation feature are shown for illustrative purposes only. Crossbars and Rotations are not included with this Drive Shaft feature, and must be purchased separately.

*NOTE:* Flow Control Screw faces toward vehicle rear



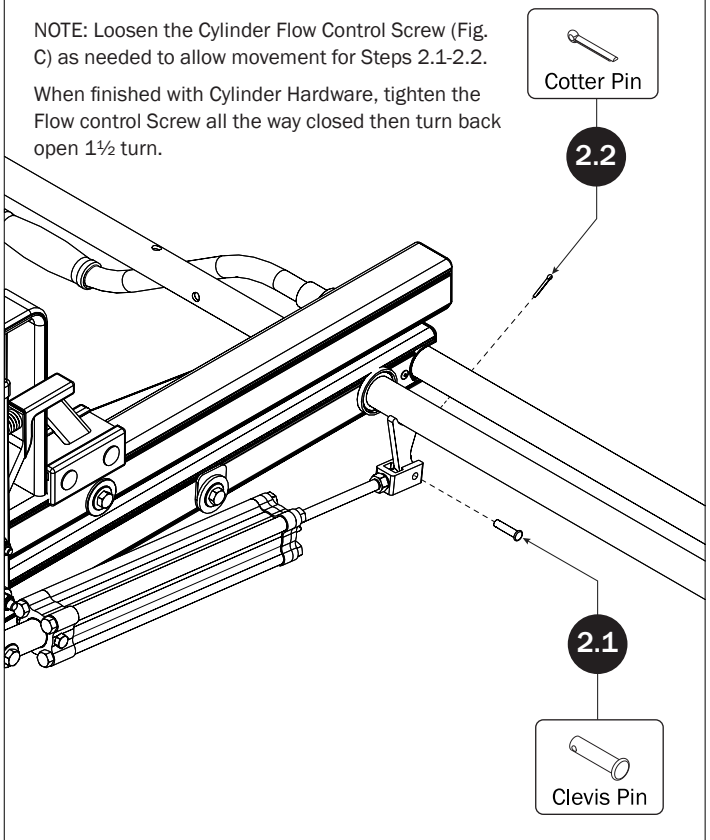

## *REAR DRIVE SHAFT*



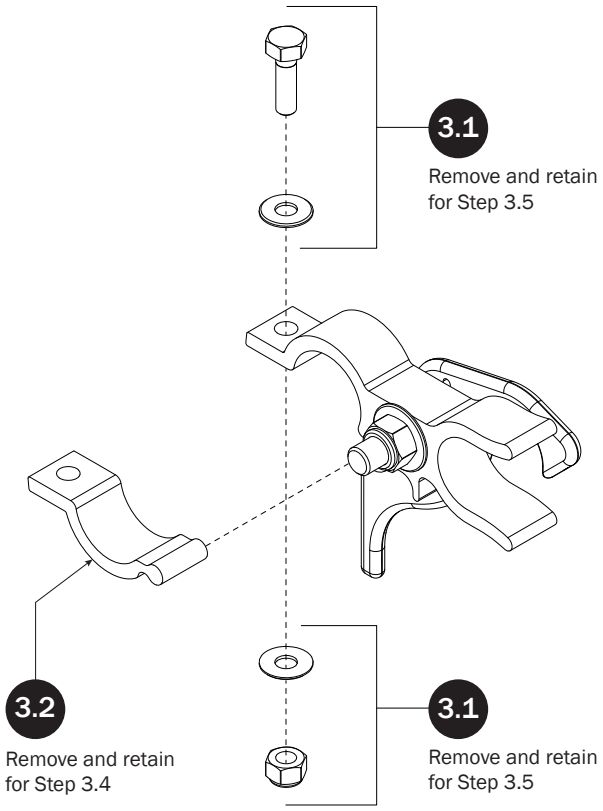

## *CYLINDER HARDWARE*

NOTE: Loosen the Cylinder Flow Control Screw (Fig. C) as needed to allow movement for Steps 2.1-2.2.

When finished with Cylinder Hardware, tighten the Flow control Screw all the way closed then turn back open 1½ turn.

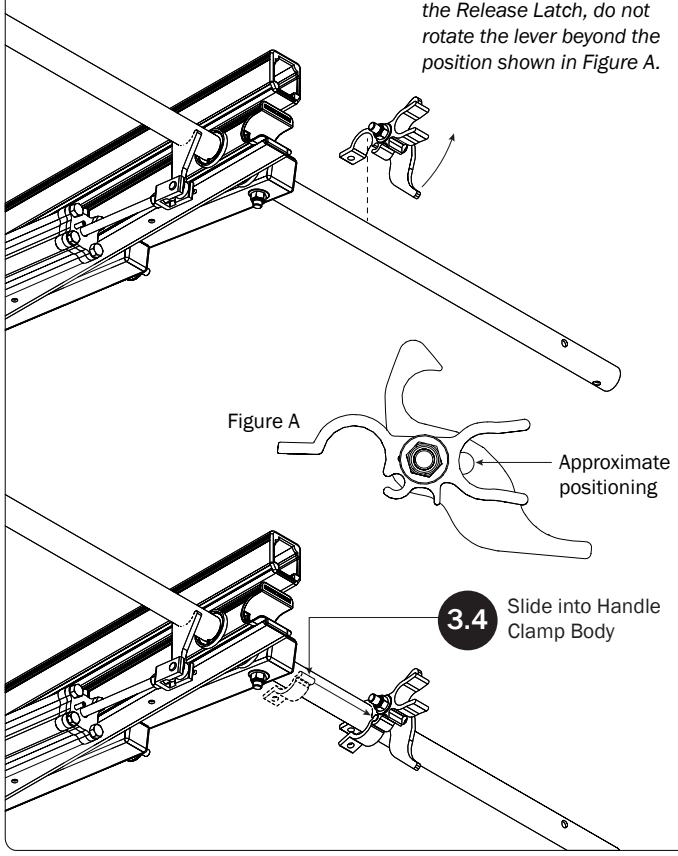


## *HANDLE LATCH ASSEMBLY*

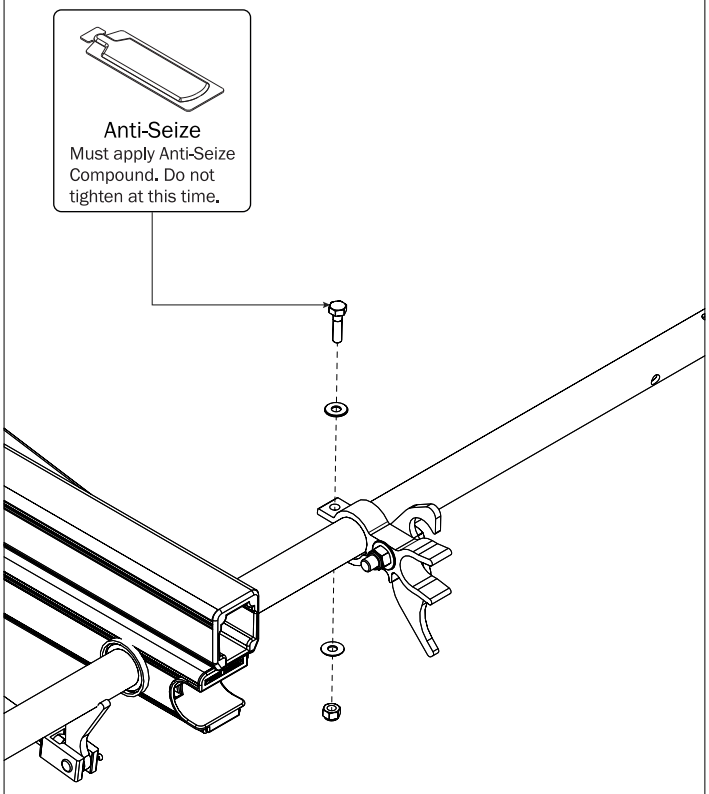



**3.3** As shown in Figure A, lightly pull the Release Latch outward prior to setting the Latch Assembly onto the Drive Shaft.

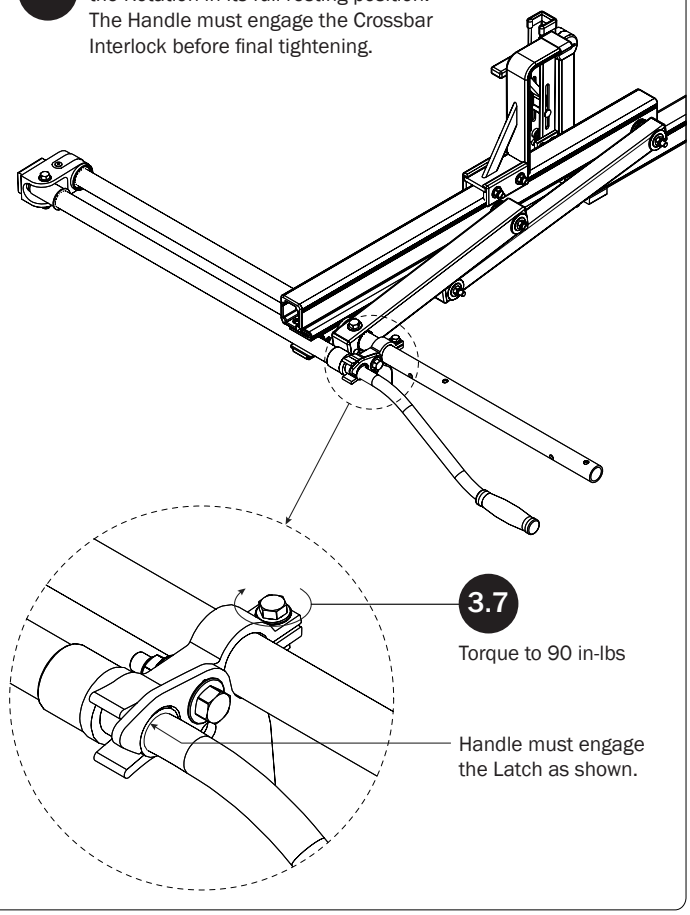
***Note:*** *To prevent damage to the Release Latch, do not rotate the lever beyond the position shown in Figure A.*




**3.5** Apply Anti-Seize Compound to the Hardware removed during Step 3.1, then install Hardware into Handle Clamp Body.

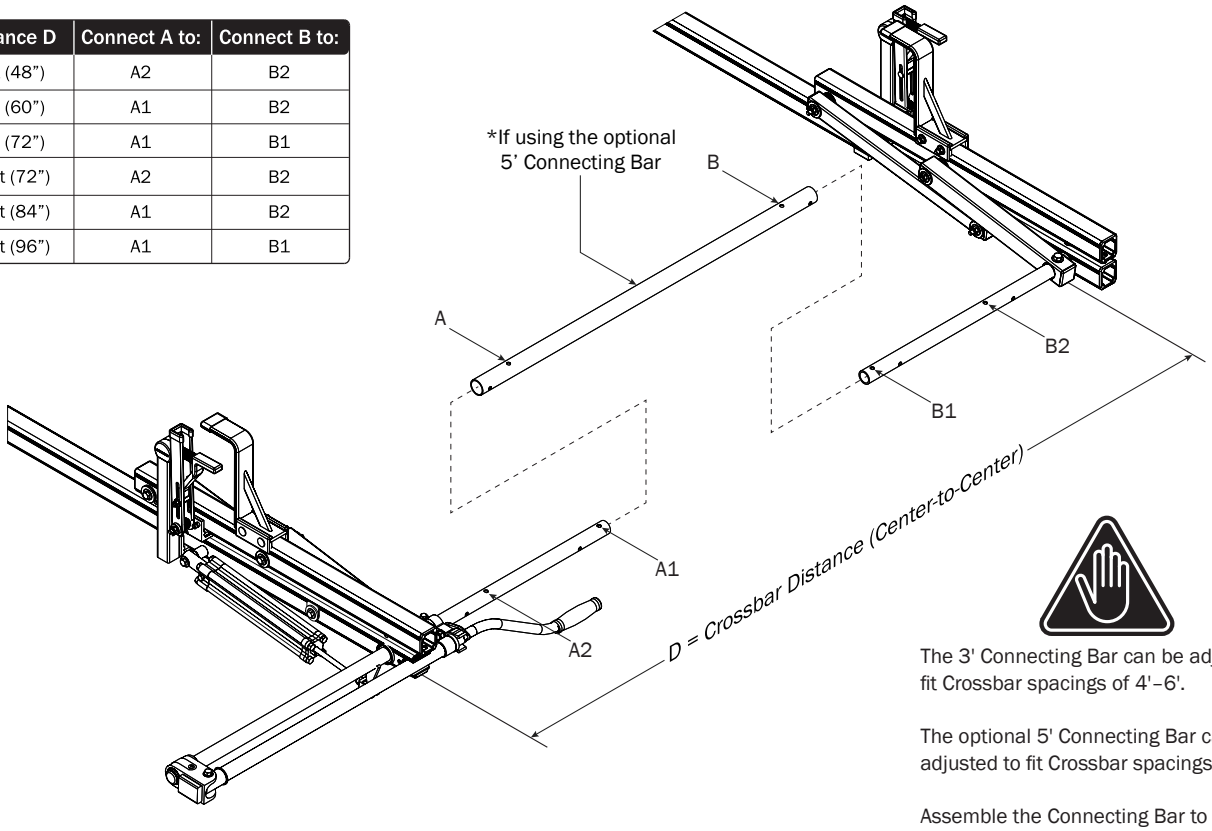



**3.6** Position the Handle Latch Assembly with the Rotation in its full resting position. The Handle must engage the Crossbar Interlock before final tightening.



## CONNECTING BAR VARIATIONS

| Distance D | Connect A to: | Connect B to: |
|---|---|---|
| 4 ft (48”) | A2 | B2 |
| 5 ft (60”) | A1 | B2 |
| 6 ft (72”) | A1 | B1 |
| *6 ft (72”) | A2 | B2 |
| *7 ft (84”) | A1 | B2 |
| *8 ft (96”) | A1 | B1 |

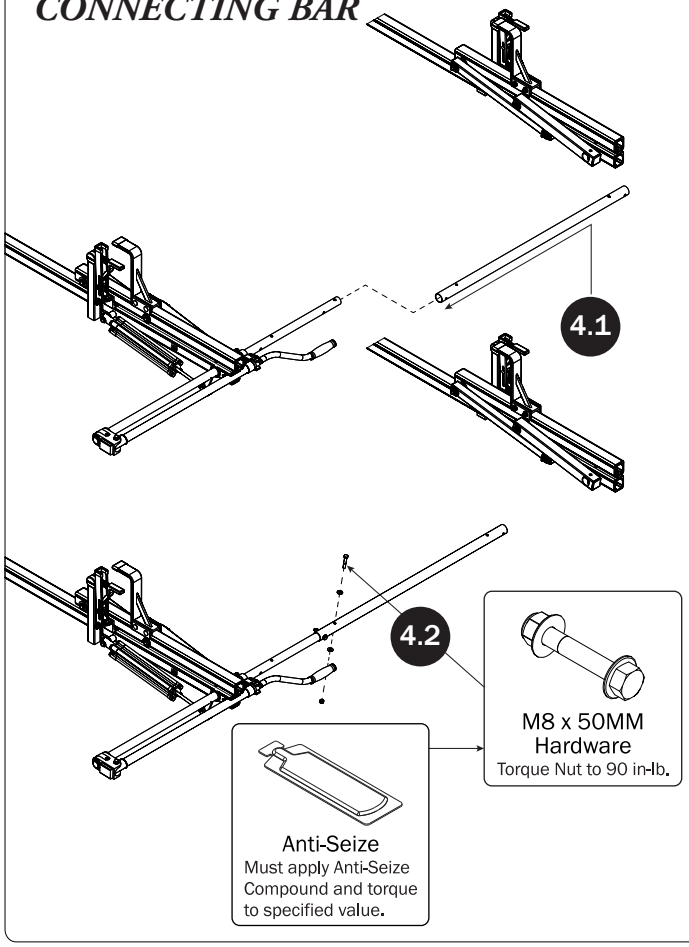



The 3' Connecting Bar can be adjusted to fit Crossbar spacings of 4'–6'.

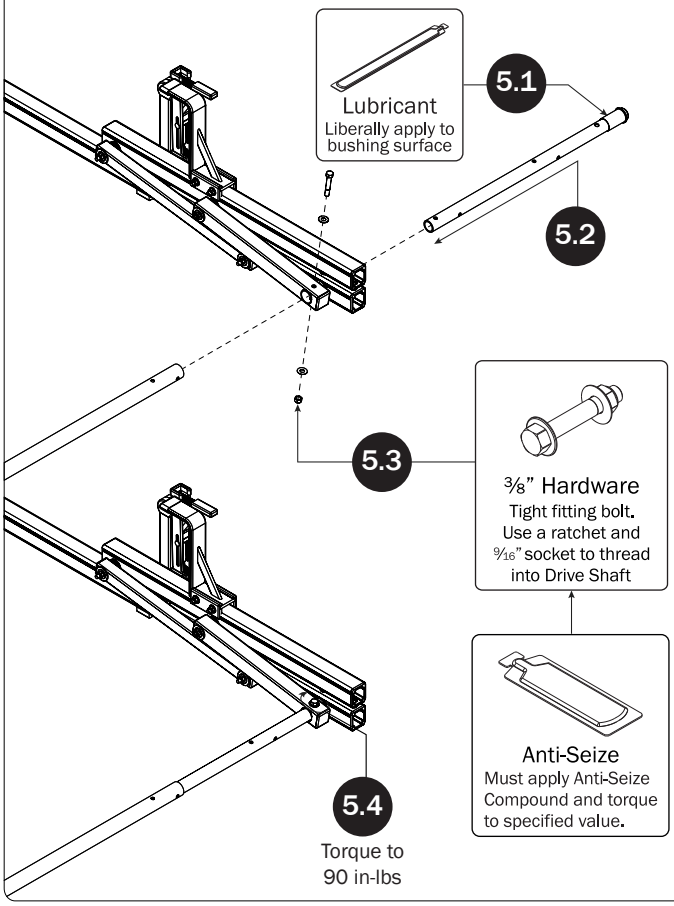
The optional 5' Connecting Bar can be adjusted to fit Crossbar spacings of 6'–8'.

Assemble the Connecting Bar to the Drive Shafts according to your model's Crossbar spacing.

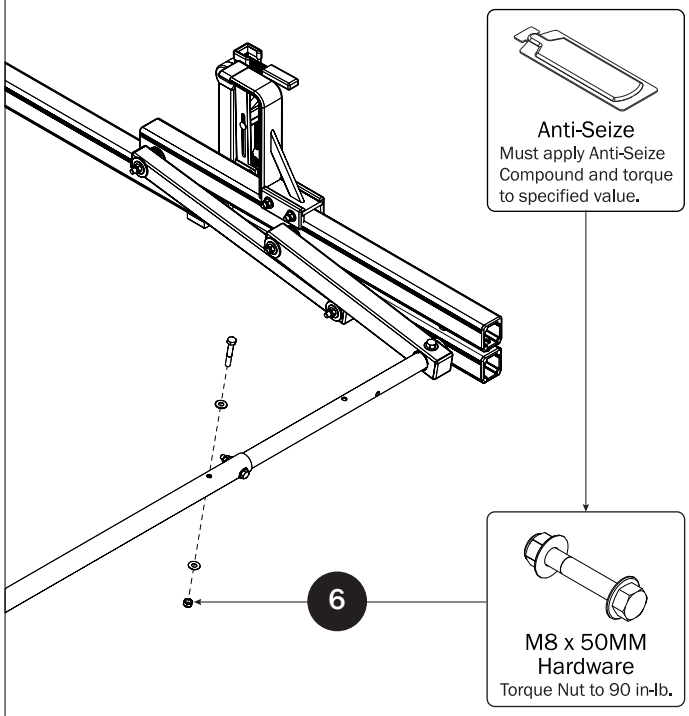
## CONNECTING BAR



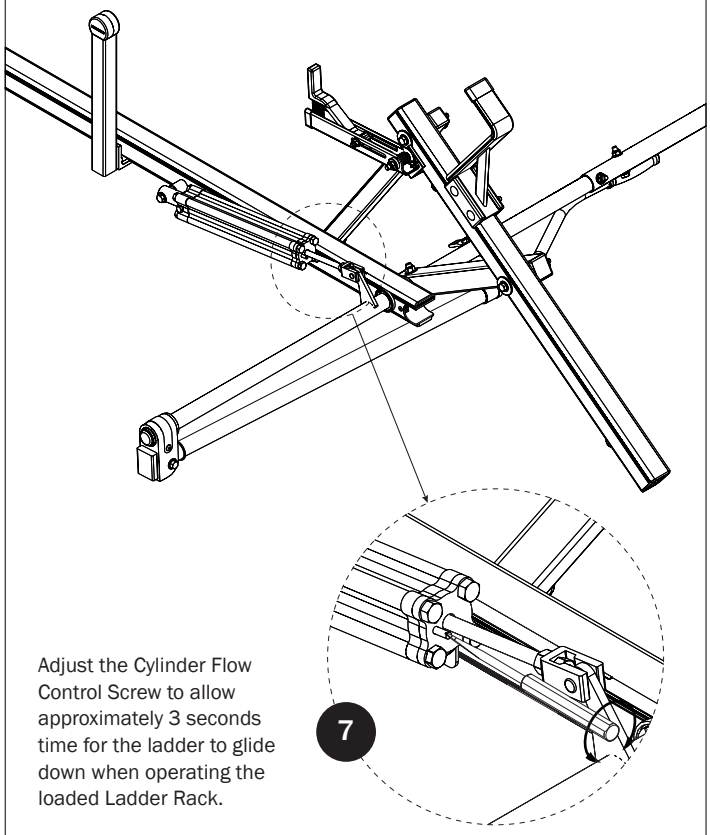

## FRONT DRIVE SHAFT



## *CONNECTING BAR FASTENERS*

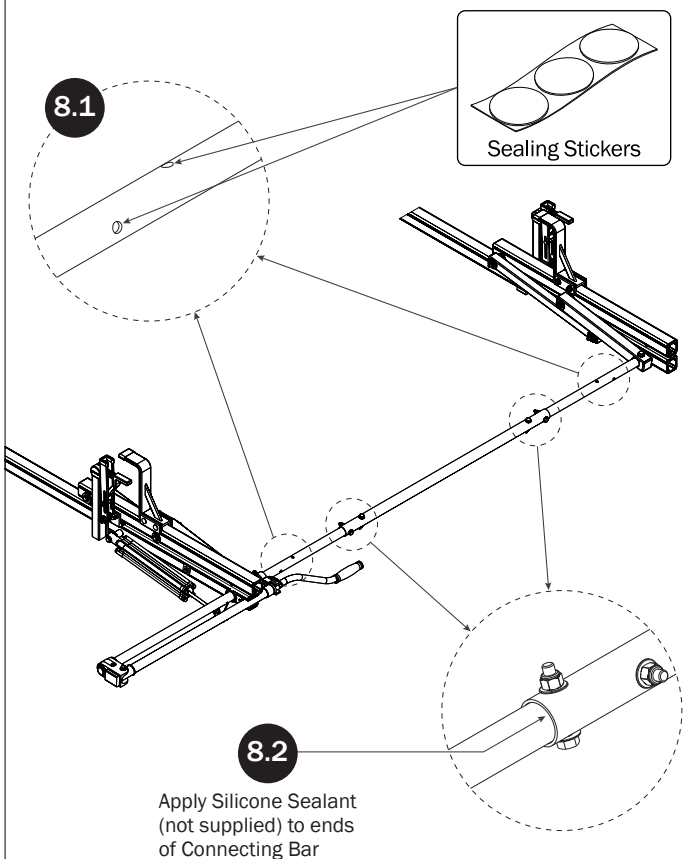


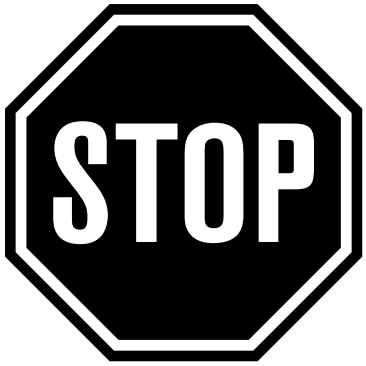

## *CYLINDER ADJUSTMENT*




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

## *DRIVE SHAFT SEALING*




*NOTE:* This completes the right hand assembling of FEA-0015. For left side Drive Shaft assembly procedures, see FEA-0016 Assembly Manual.

If applicable, refer to your next FEA Assembly Manual.

If completed, refer back to your FBM Assembly Manual, and resume assembling at Step 3.1.

*WARNING: Failure to position the Crossbars as shown in your FBM Assembly Manual may result in damage to the sliding door and/or ladder rack.*

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