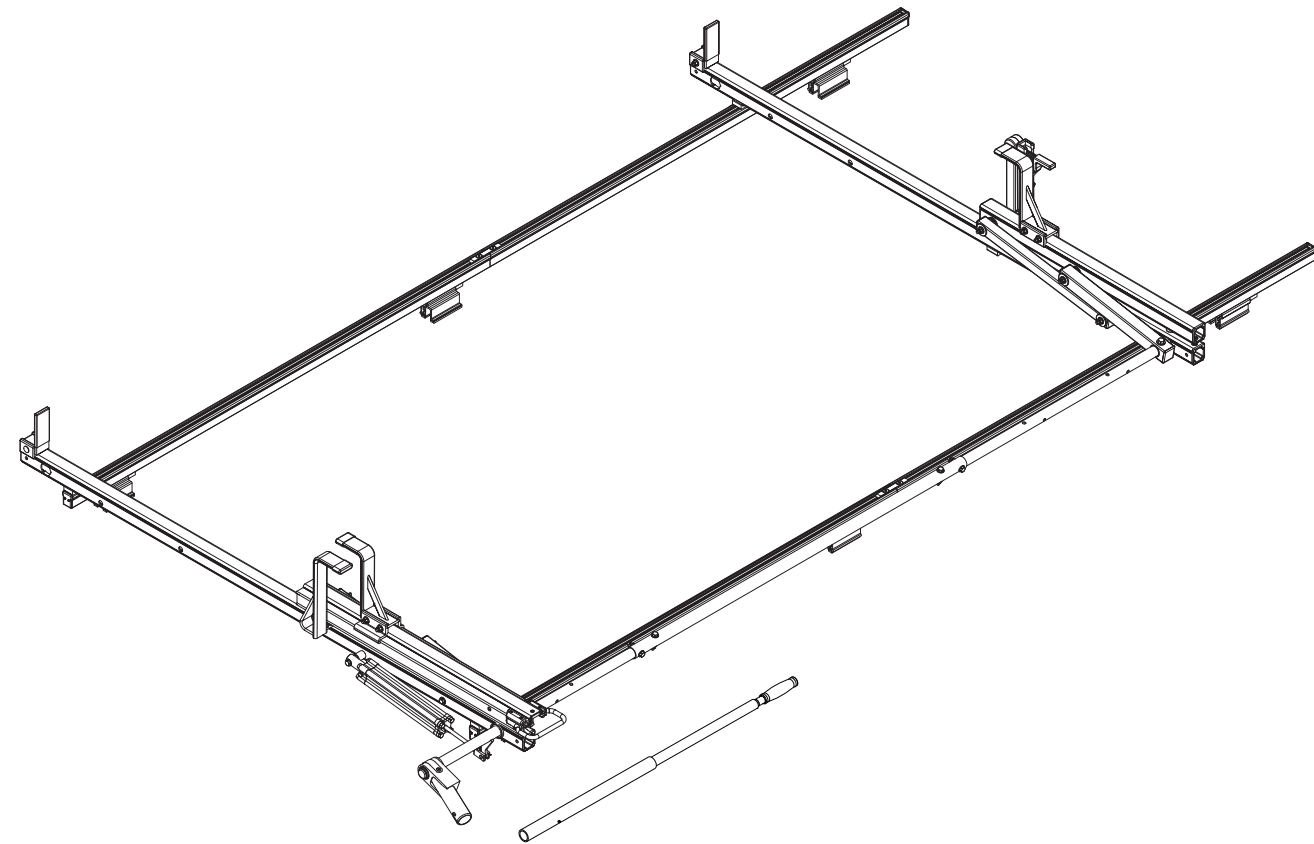


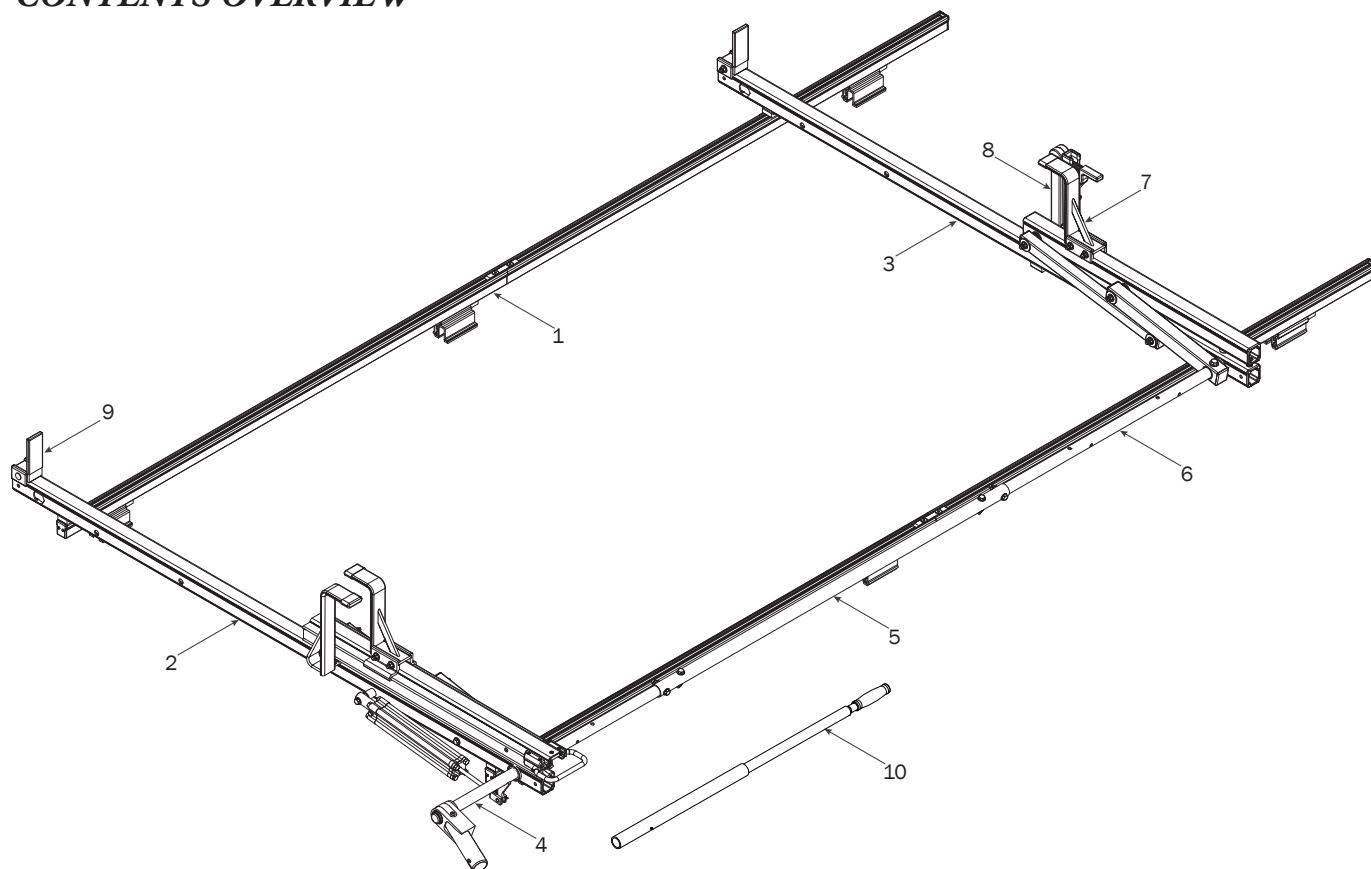
PRIME DESIGN™

A Safe Fleet Brand



VBR-E

CONTENTS OVERVIEW



1—FBM-0020 (Qty 1)
Channels with hardware



60" Channels (2X)



End Caps (4X)



Screws (8X)



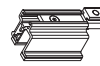
Top Connector (2X)



Bottom Connector (2X)



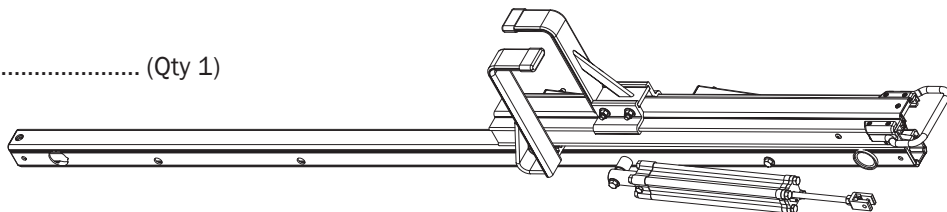
Brackets (4X)



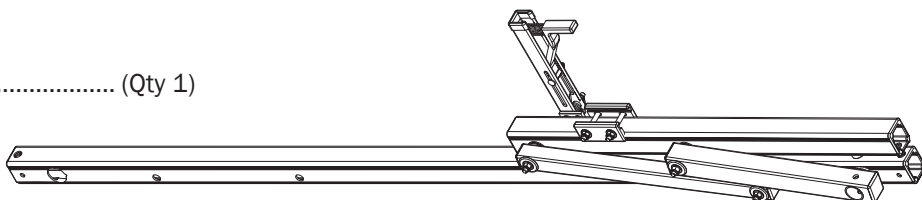
Mountings (6X)

M8 Bolt (4X)

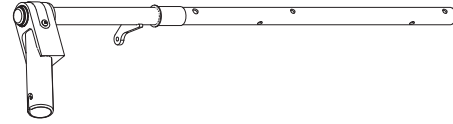
2—Rear Crossbar Assembly (Qty 1)



3—Front Crossbar Assembly (Qty 1)



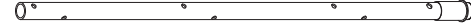
4—Drive Shaft..... (Qty 1)
Rear, Right Hand, 34.00"



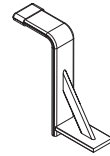
5—Connecting Bar..... (Qty 1)
48.00"



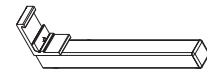
6—Front Drive Shaft..... (Qty 1)
B Version, 35.75"



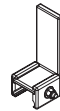
7—Z Post..... (Qty 1)
Adjustable, 7.25"



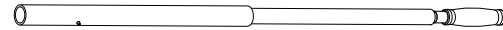
8—L Post..... (Qty 1)
US3, Square Cap, 11.25"



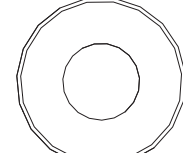
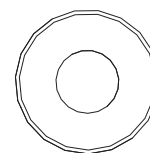
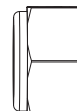
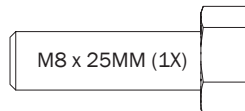
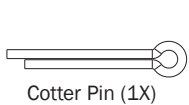
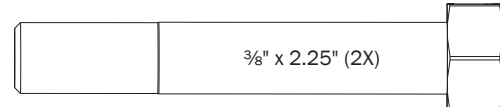
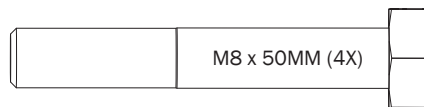
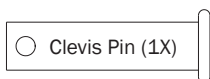
9—Ladder Stop Assembly (Qty 2)
1.75"



10—Removeable Handle (Qty 1)



11—HKT-8163-Rotation Hardware Kit (Qty 1)
(Not called out in Overview)

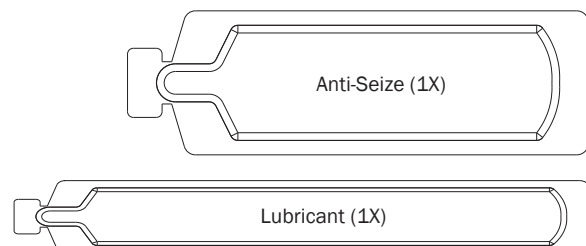
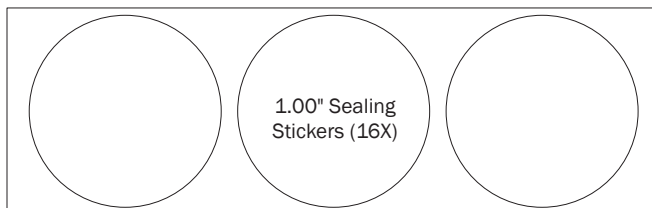


M8 Lock Nut (5X)

3/8" Lock Nut (2X)

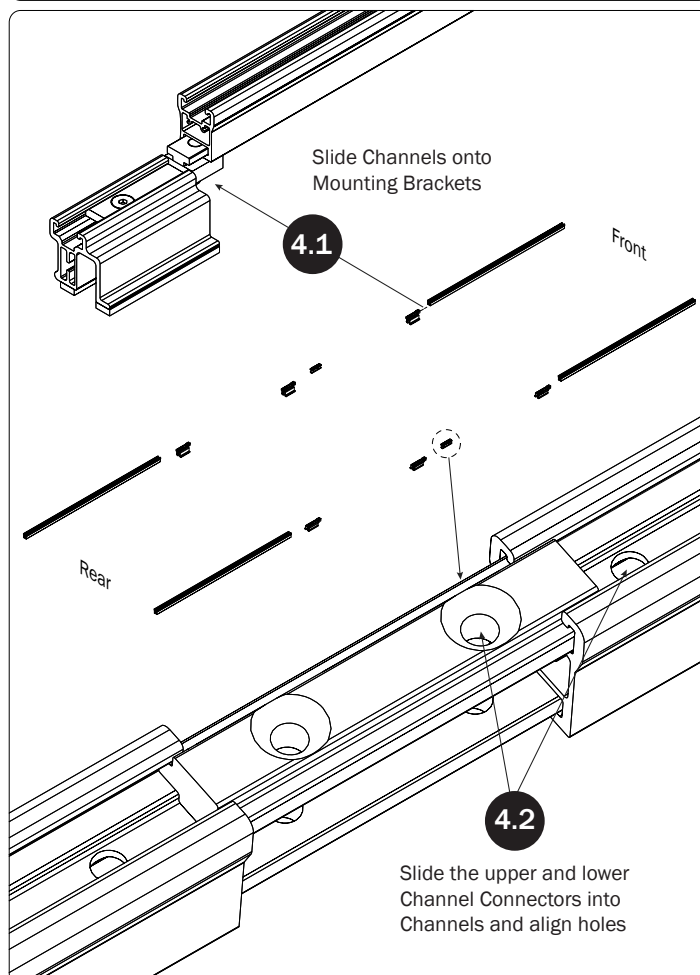
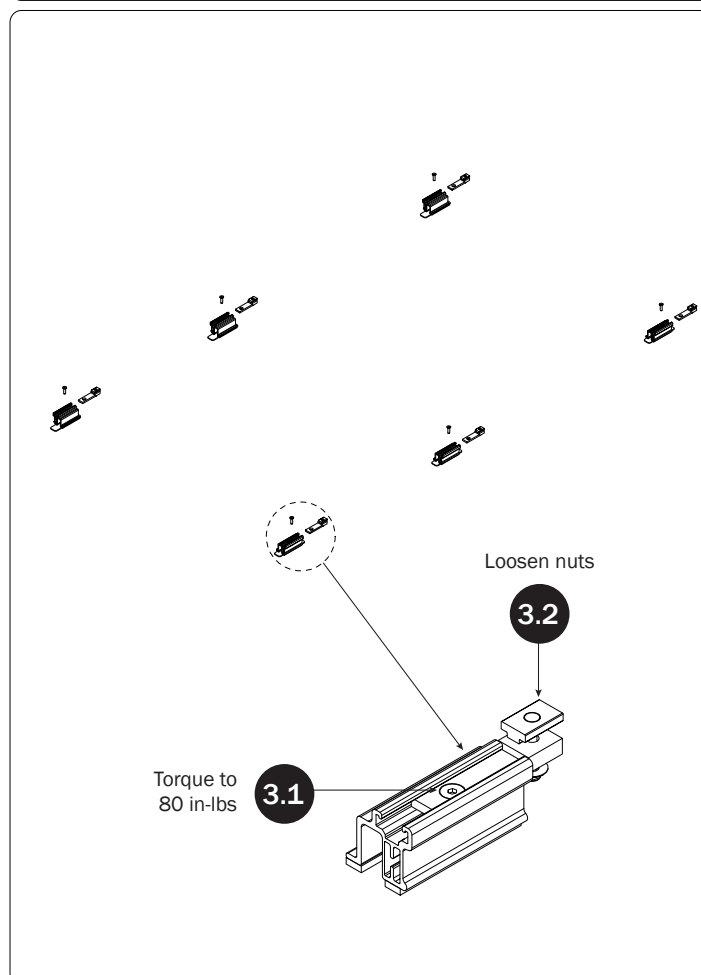
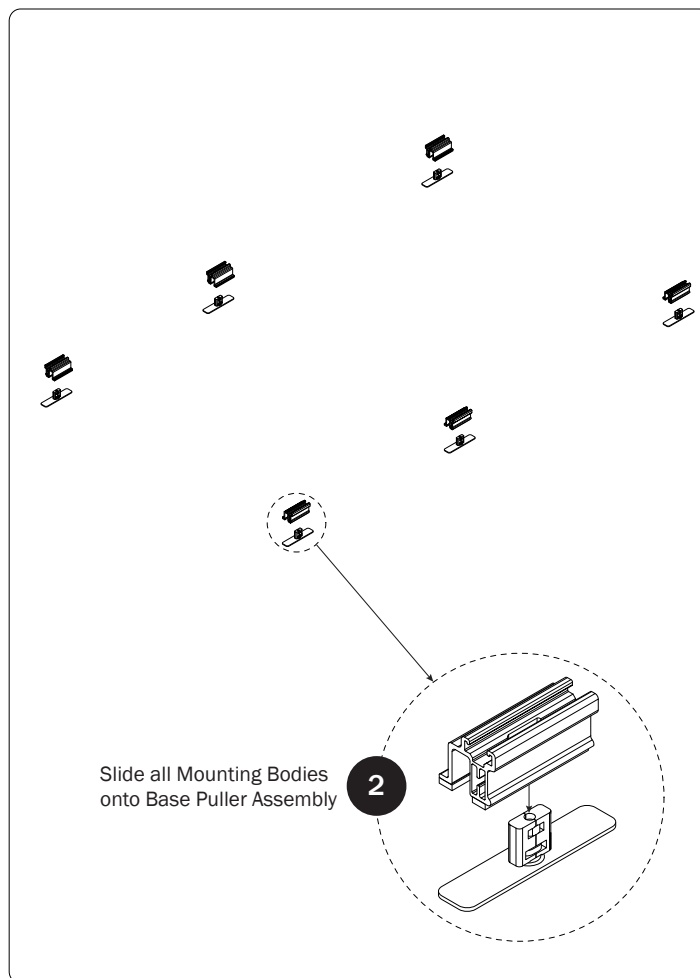
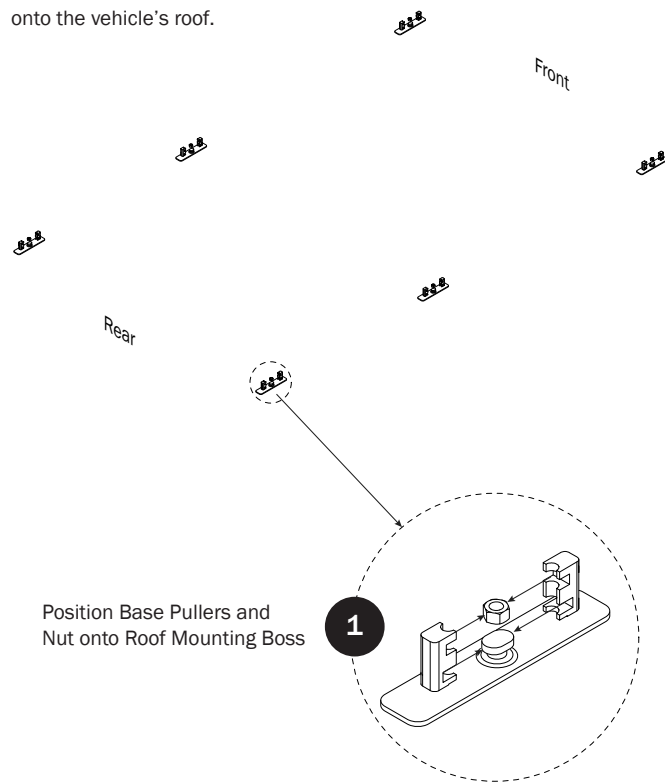
5/16" Flat Washer (10X)

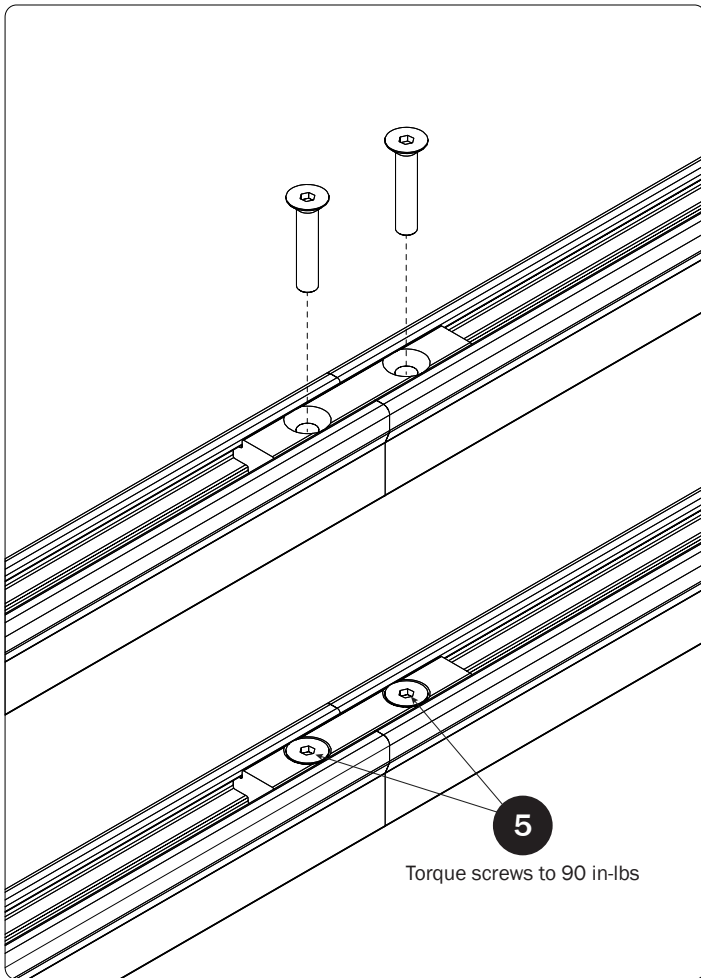
3/8" Flat Washer (4X)



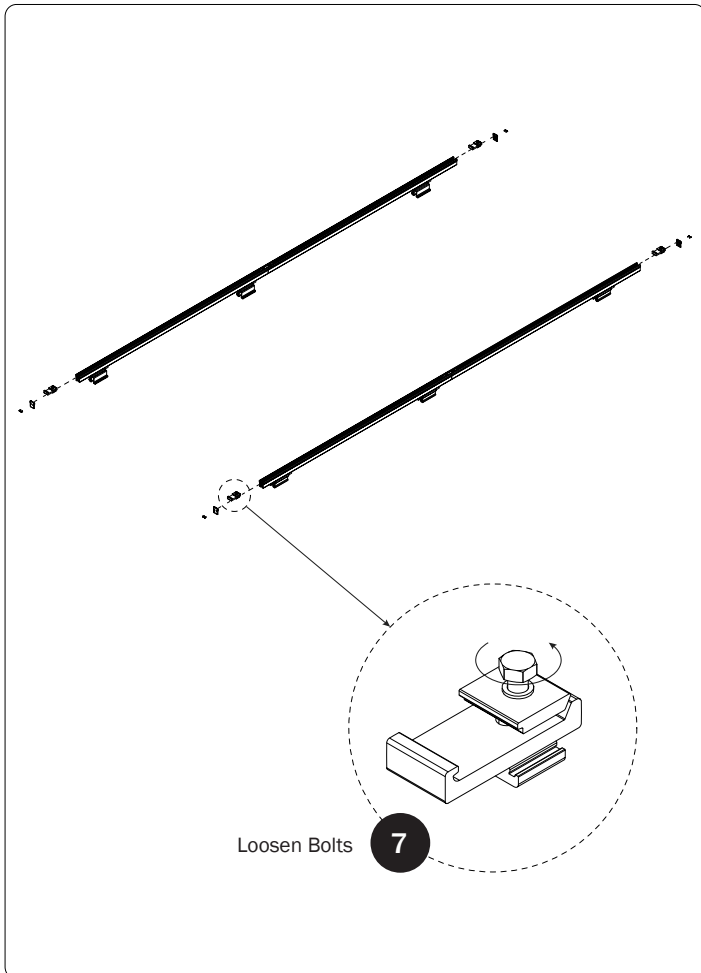
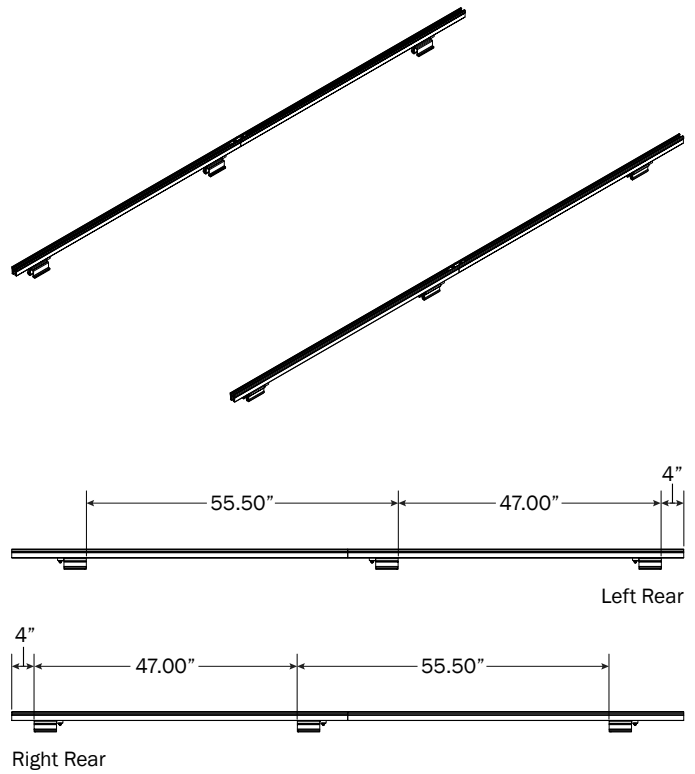
FBM-0020
MOUNTING BRACKETS

INSTALLER NOTE: Mounting Brackets must be disassembled for installation onto the vehicle's roof.

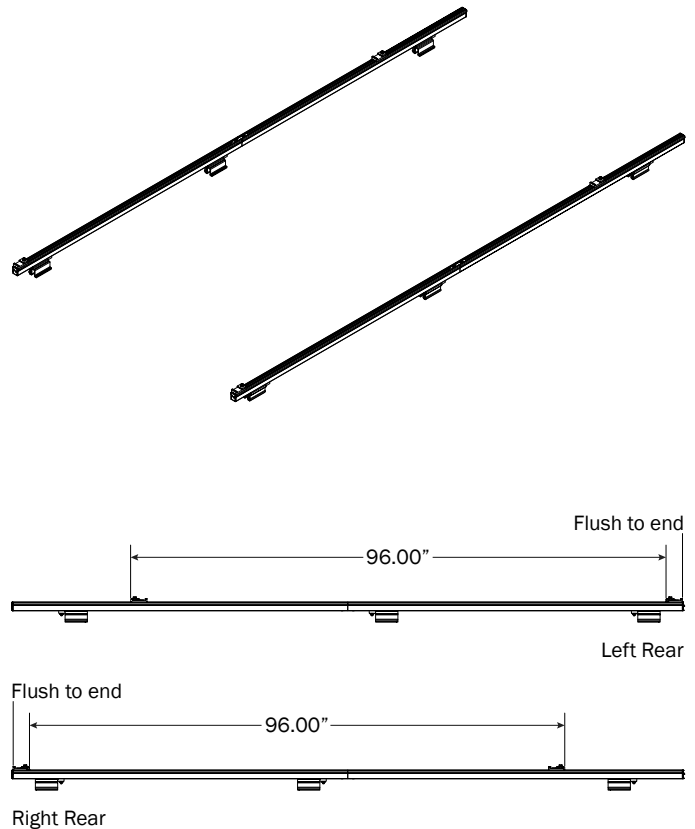




6 Set to distances then torque Mounting Bracket nuts to 80 in-lbs



8 Set to distances shown, but do not tighten at this time



This diagram shows an exploded view of a mechanical assembly, likely a linear actuator or a sliding door mechanism. The components are numbered as follows:

- 1**: Points to the main horizontal rails or tracks.
- 2**: Points to a small, angled bracket or foot at the bottom left.
- 3**: Points to a vertical support or guide component on the left side.
- 4**: Points to a small rectangular block or stop on the bottom rail.
- 5**: Points to a vertical support or guide component on the right side.
- 6**: Points to a small rectangular block or stop on the bottom rail.
- 7**: Points to a vertical support or guide component on the right side.
- 8**: Points to a vertical support or guide component on the right side.
- 9**: Points to the bottom horizontal rail or track.

Front

6.25"

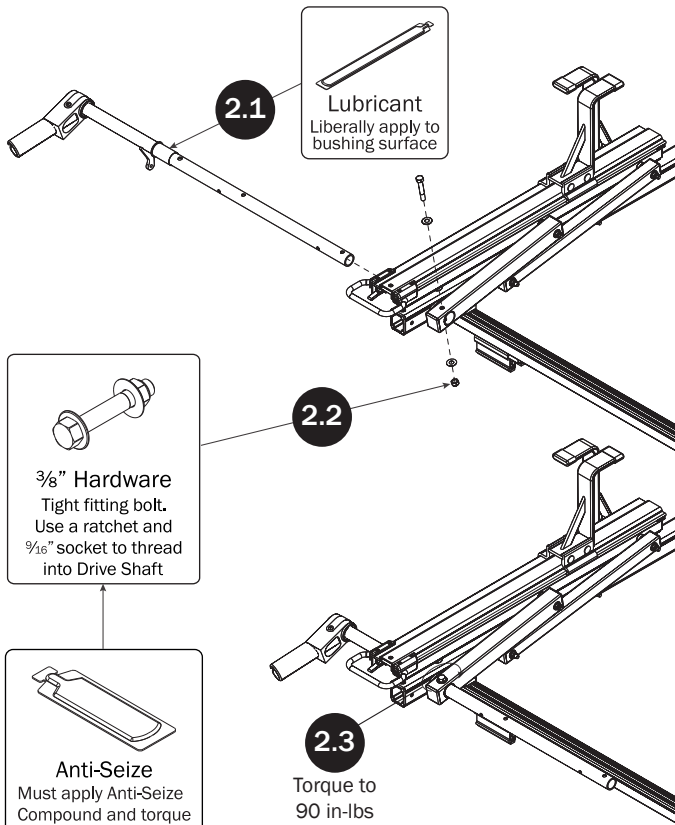
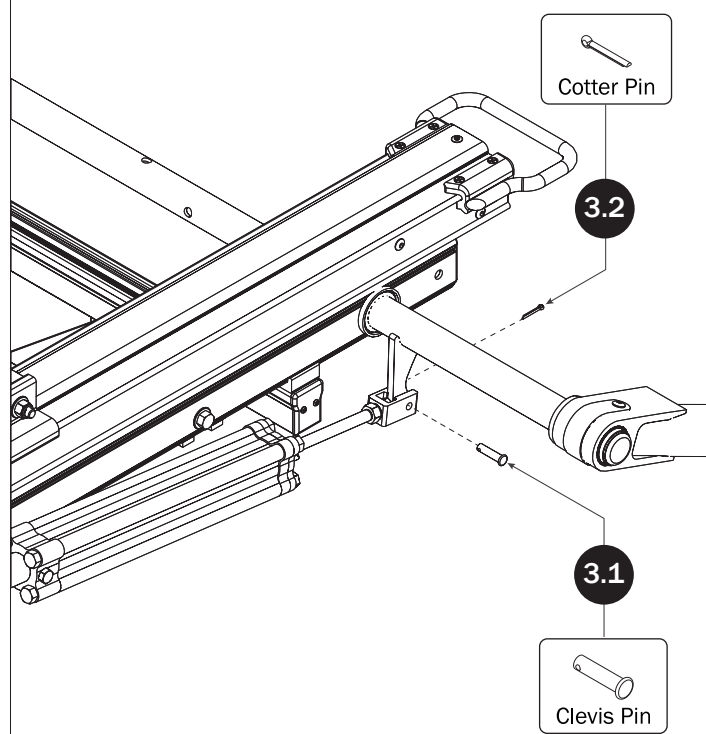
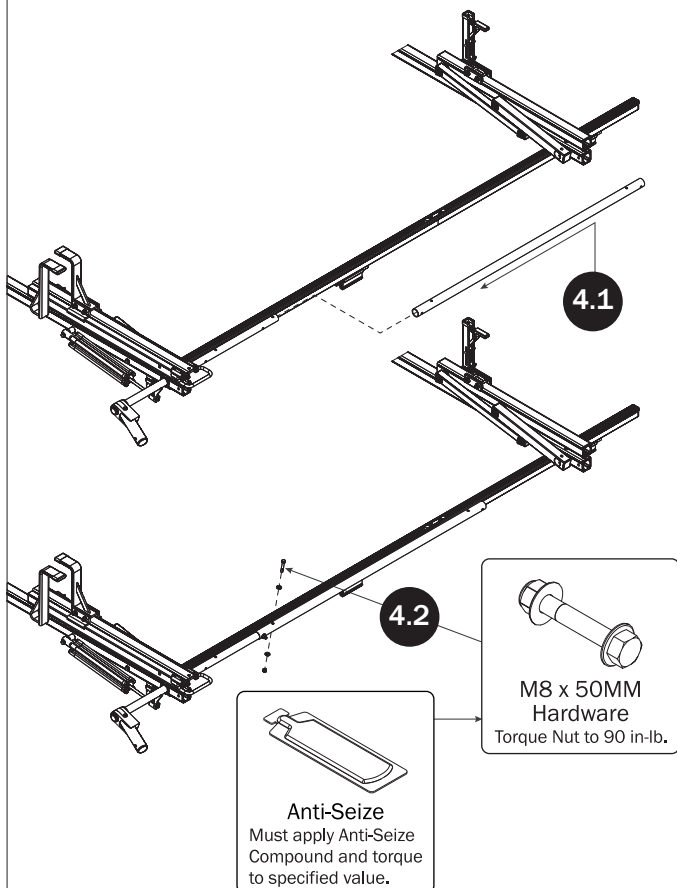
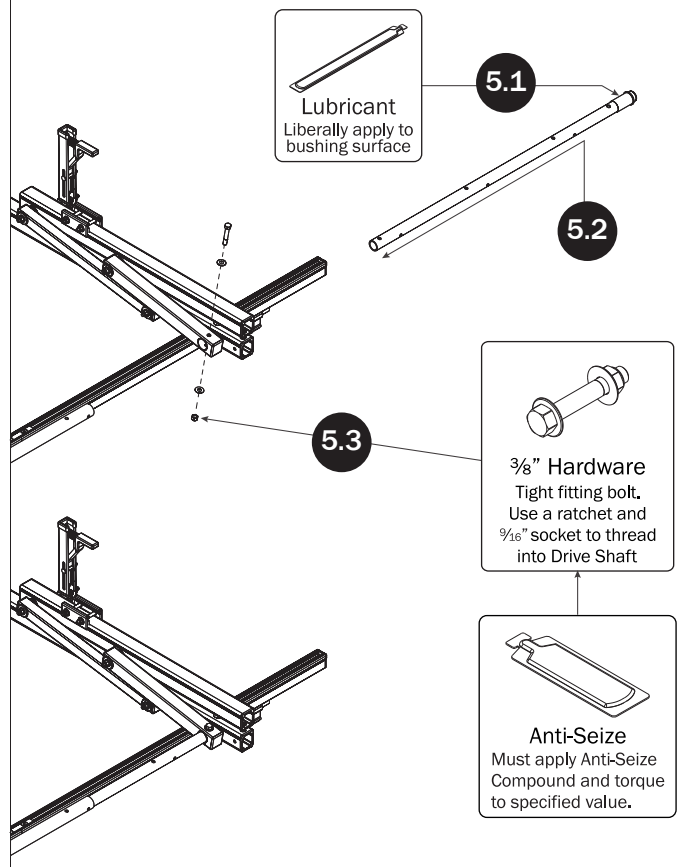
6.25"

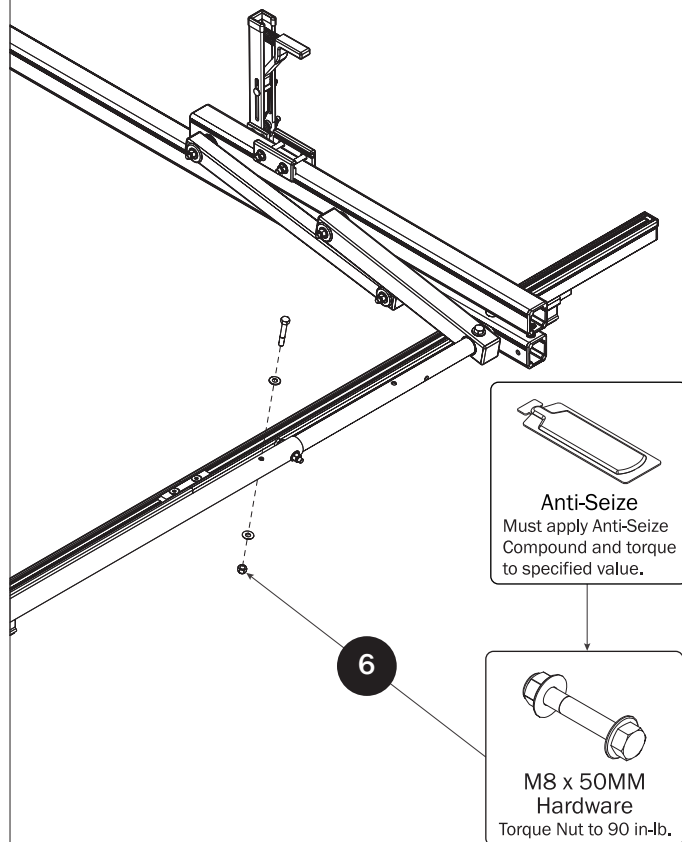
Rear

6.25"

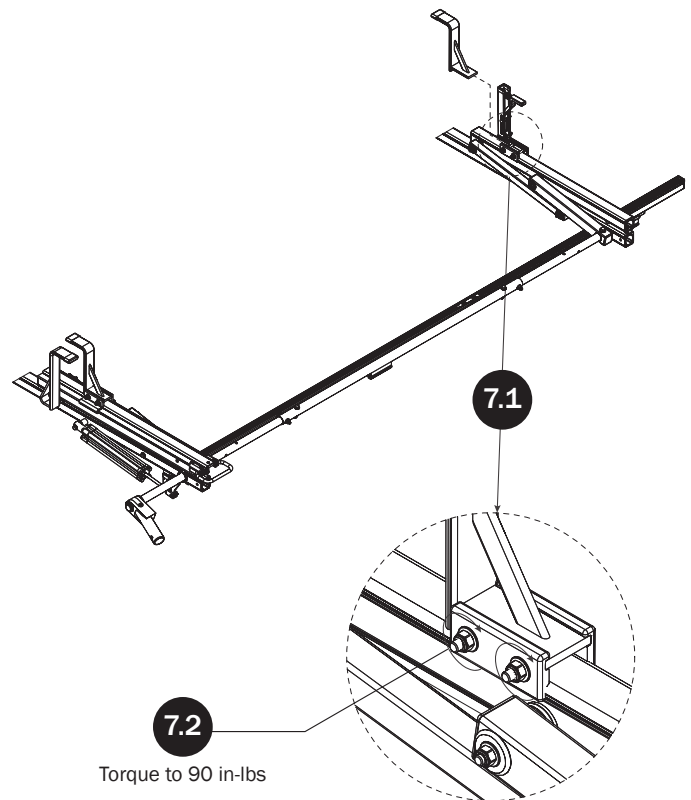
Torque to 90 in-lbs

1.2

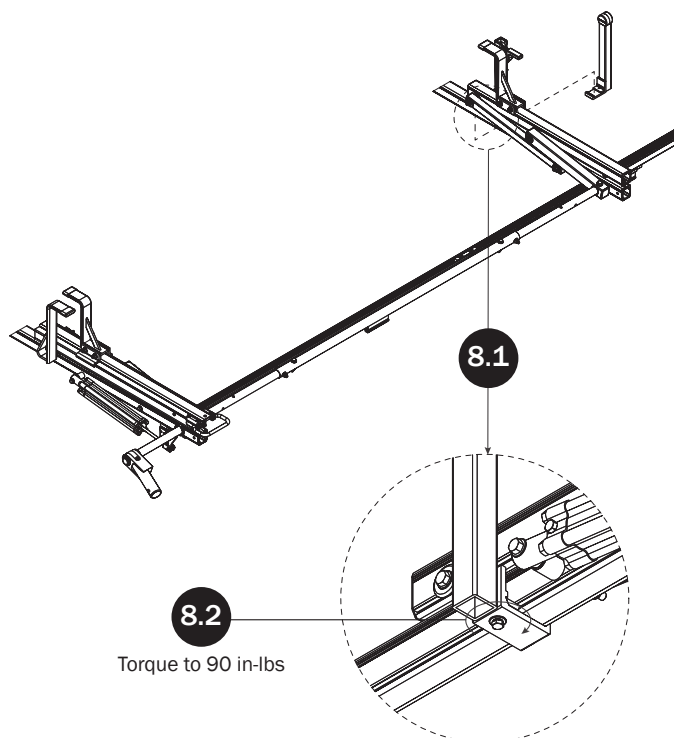
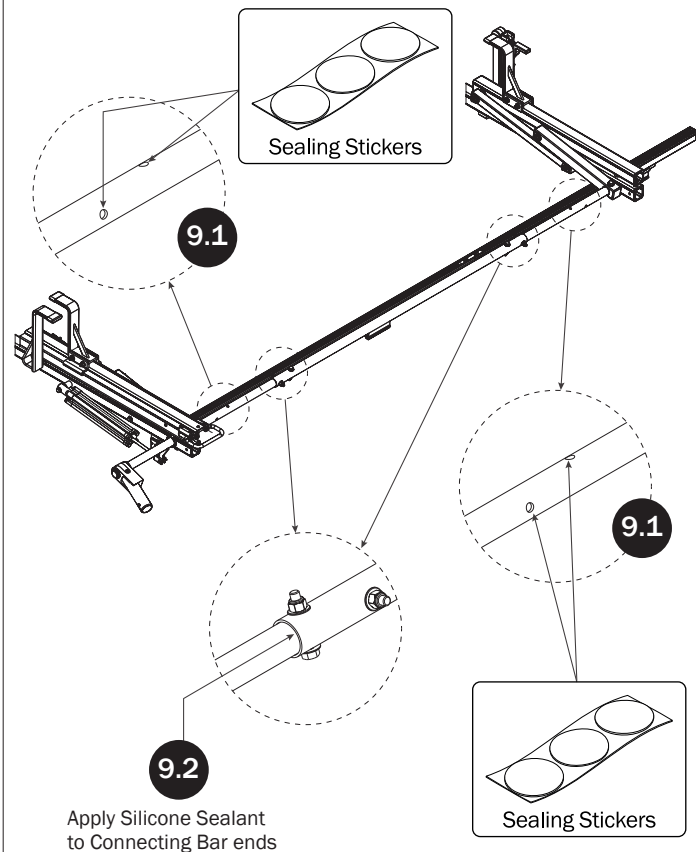
REAR DRIVE SHAFT**CYLINDER HARDWARE****CONNECTING BAR****FRONT DRIVE SHAFT**

CONNECTING BAR FASTENERS**Z POSTS**

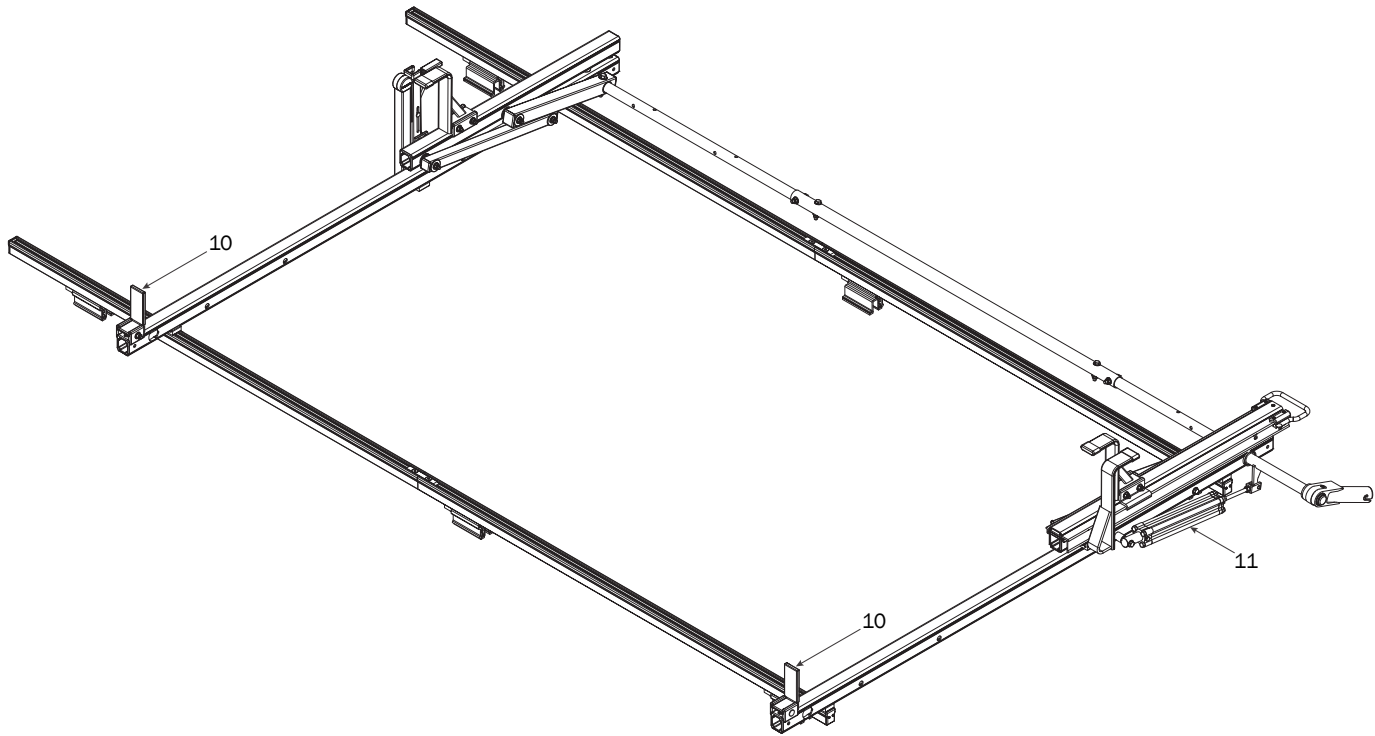
SEE QUICK START GUIDE FOR ADJUSTMENTS

**L POSTS**

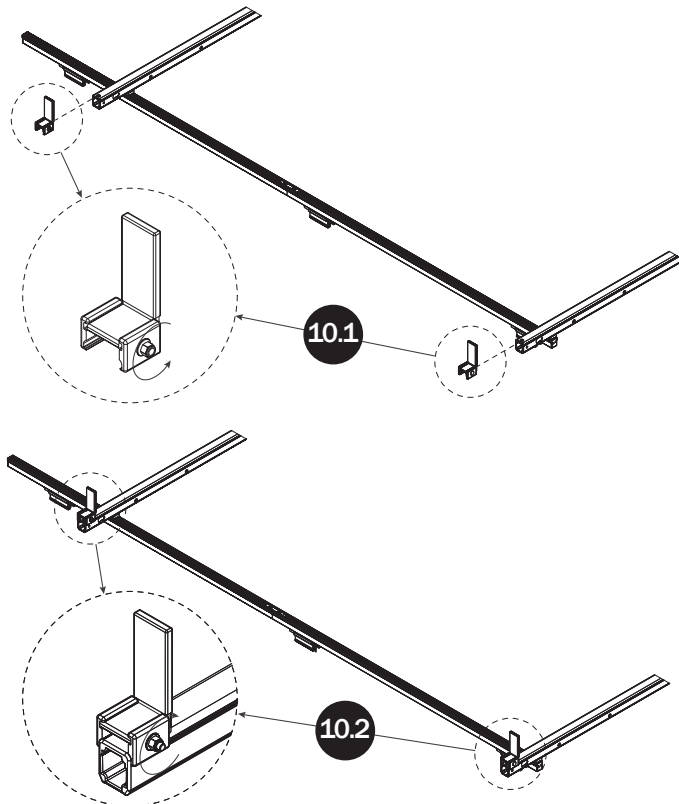
SEE QUICK START GUIDE FOR ADJUSTMENTS

**DRIVE SHAFT SEALING**

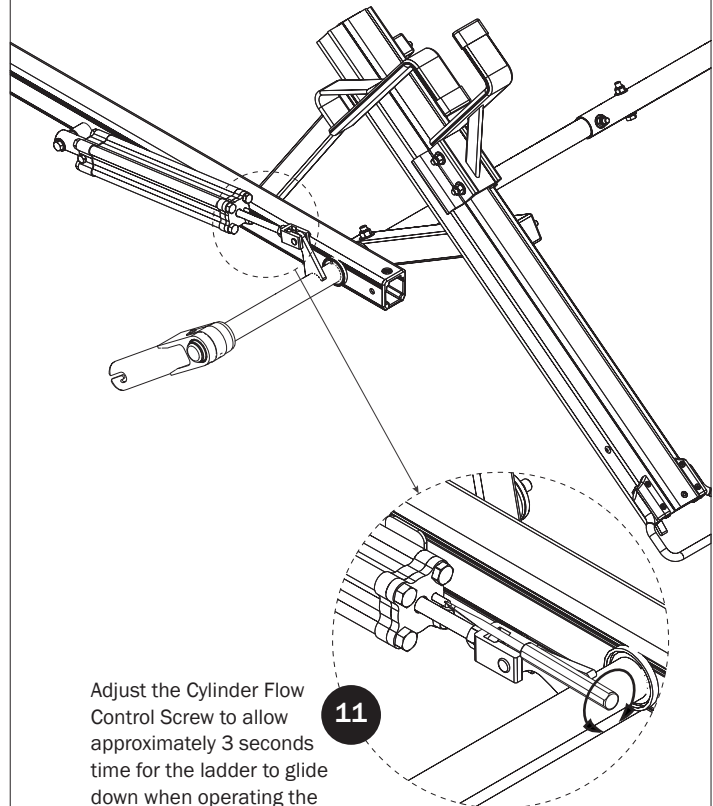
LEFT SIDE BASE



LADDER STOPS



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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