

PRIME DESIGN™

A Safe Fleet Brand

Phone: 651-552-8554

Toll: 1.8.PRIME.RACK

Fax: 651-552-1799

www.primedesign.net

Email: info@primedesign.net

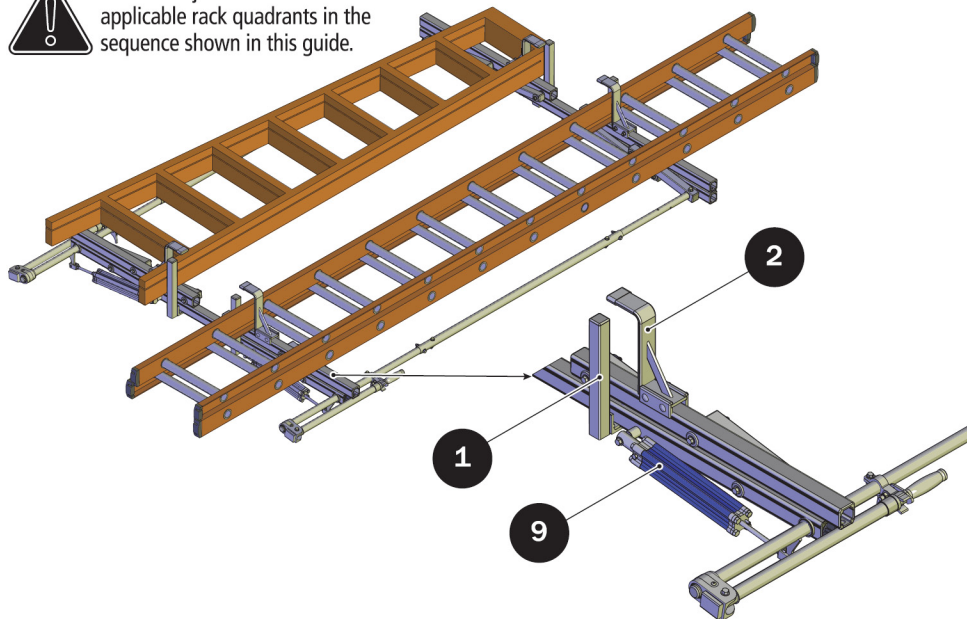


Quick Start Guide

Rotation



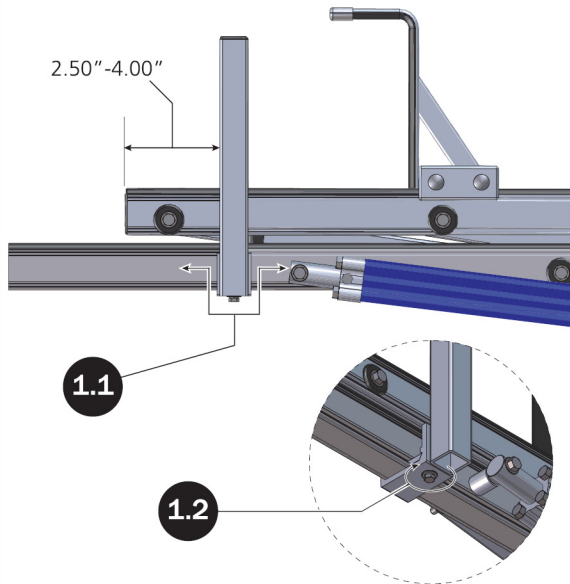
Perform adjustments to all applicable rack quadrants in the sequence shown in this guide.



L Post

Step 1.1—Slide the L Post left to right to designated min/max distance shown.

Step 1.2—Torque the L Post bolt to 80 in-lbs.

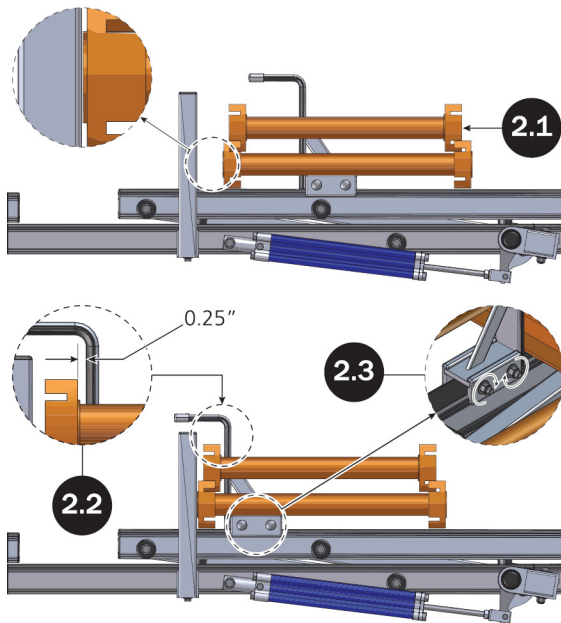


Z Post

Step 2.1—Place the ladder onto the upper with the Z Post positioned between the ladder rails, then push the ladder firmly against the L Post.

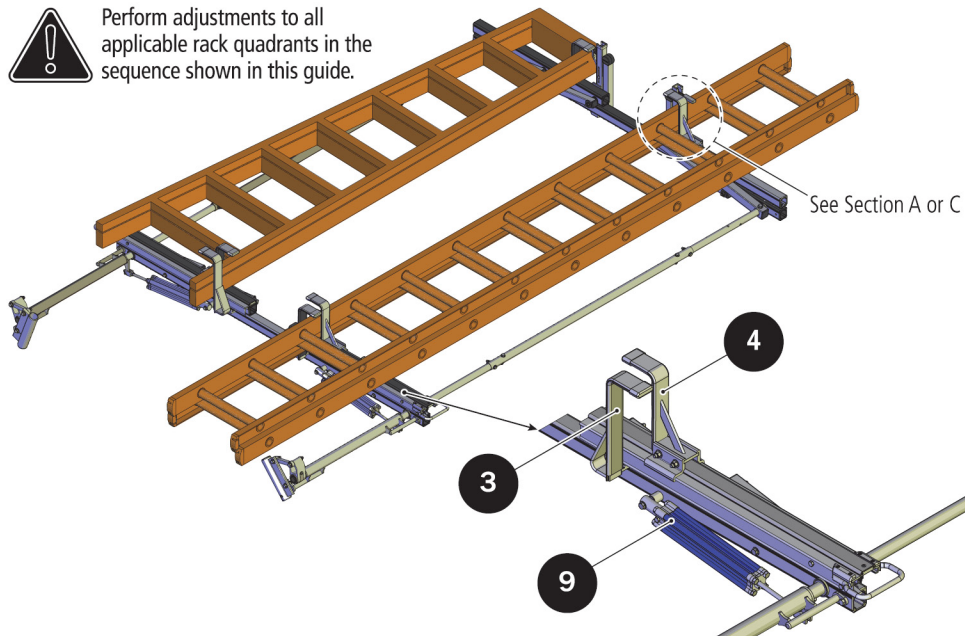
Step 2.2—Push the Z Post toward the ladder rail leaving a $\frac{1}{4}$ " gap between the ladder and Z Post. This gap is required to prevent binding of the ladder during opening and closing operation.

Step 2.3—Torque the Z Post bolts to 90 in-lbs.





Perform adjustments to all applicable rack quadrants in the sequence shown in this guide.



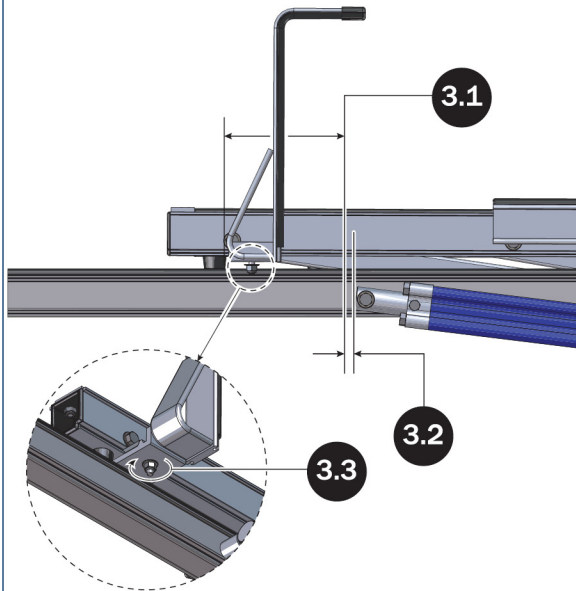
Slide Z Post

Slide Rotation

Step 3.1—Position the Slide Z Post between the rubber bumper and the Hydraulic Cylinder.

Step 3.2—Leave a minimum safe distance of $\frac{1}{4}$ " between the Slide Z Post and the Cylinder.

Step 3.3—Torque the Slide Z Post nut to 80 in-lbs.

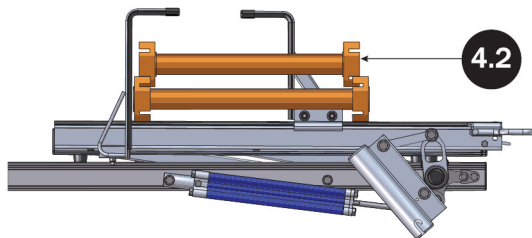
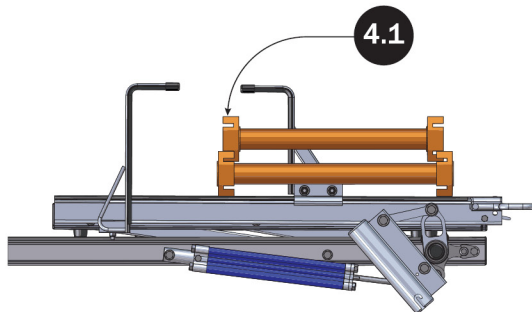


Slide Adjustable Z Post

Slide Rotation

Step 4.1—Place the ladder onto the slide's upper with the Z Post positioned between the ladder rails.

Step 4.2—Push the ladder against the Slide Z Post.



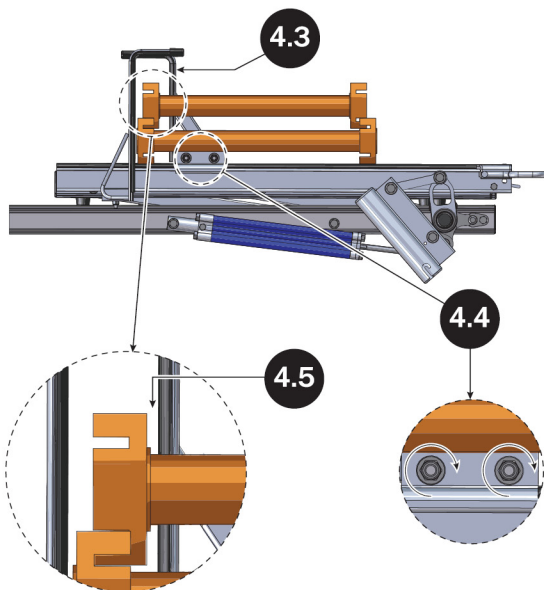
Slide Adjustable Z Post Slide Rotation

Step 4.3—Push the Adjustable Z Post firmly against the ladder's rail and the Slide Z Post.

Step 4.4—Torque the Adjustable Z Post nuts to 90 in-lbs.

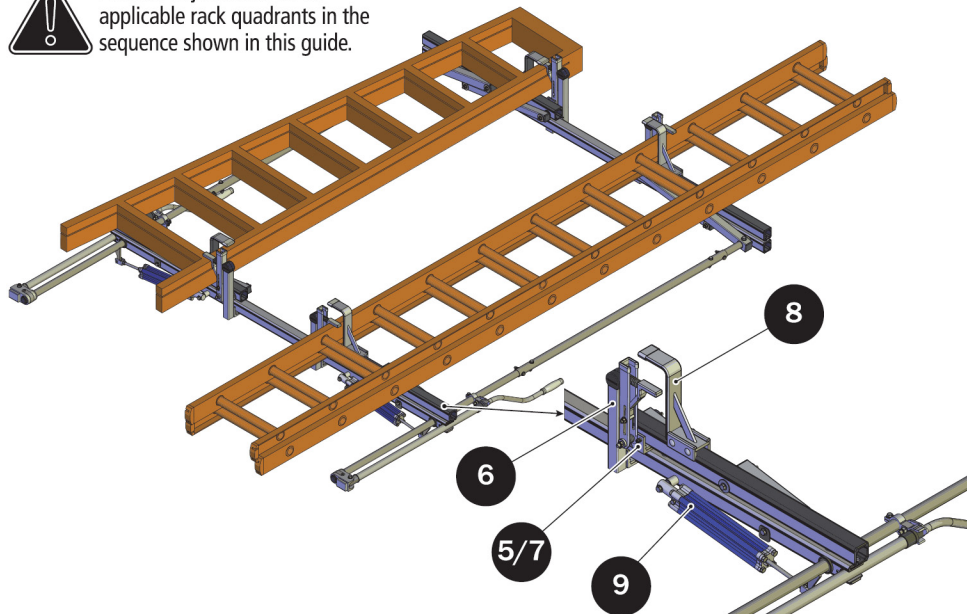
Step 4.5—If the ladder binds during operation, it will be necessary to readjust the Adjustable Z Post until opening operation is smooth and the ladder no longer binds.

It is recommended to increase the Adjustable Z Post distance from the Slide Z Post in $\frac{1}{4}$ " increments.





Perform adjustments to all applicable rack quadrants in the sequence shown in this guide.



Auto Clamp-Preset

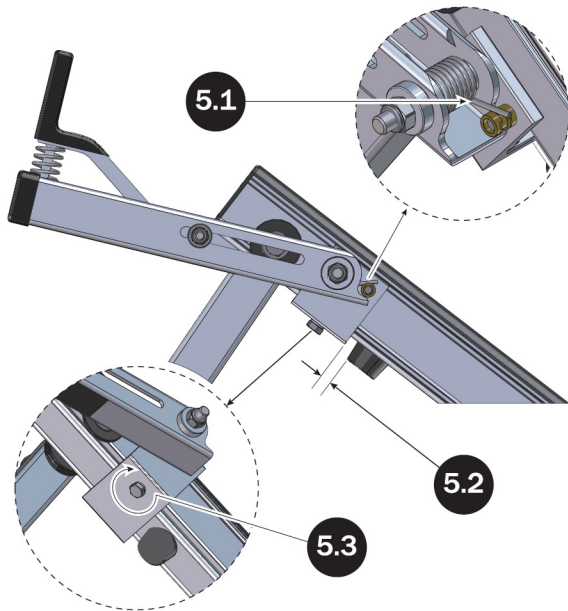
Auto Clamp Rotation

This ErgoRack Ladder Rack features an Auto Clamp System on top of the rack to automatically secure your ladder in place. As ladders come in all shapes and sizes, it is necessary to adjust the Auto Clamp to the L Post and Z Post for a proper fit and function. The front and rear Auto Clamp Systems adjust in the same manner.

Step 5.1—For correct operation, the Auto Clamp Spring must engage the groove on the brass spring seat as shown.

Step 5.2—The recommended Auto Clamp mounting location is a minimum distance of $\frac{1}{4}$ " from the rubber bumper to the edge of the Auto Clamp Bracket as shown.

Step 5.3—Torque the Auto Clamp's mounting bolt to 80 in-lbs.

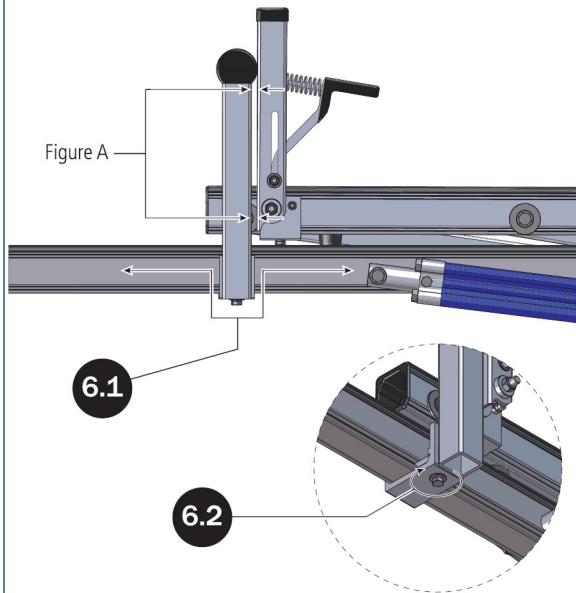


L Post

Auto Clamp Rotation

Step 6.1—Slide the L Post left to right until the gap between the L Post and Auto Clamp is even from top to bottom as shown in Figure A.

Step 6.2—Torque the L Post bolt to 80 in-lbs.

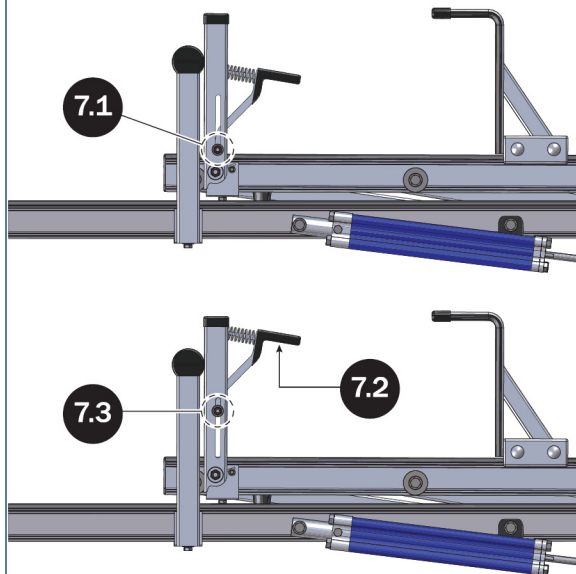


Auto Clamp

Step 7.1—Loosen this nut.

Step 7.2—Slide the Auto Clamp Arm to the top.

Step 7.2—Lightly snug the nut tight. This will be torqued in Step 8.7.

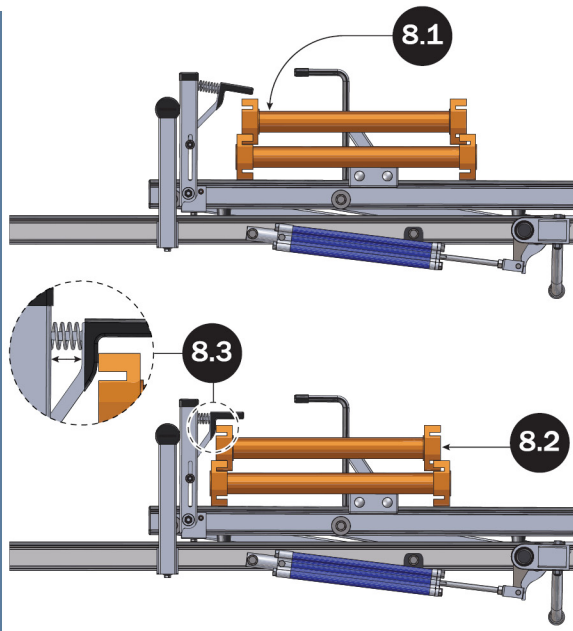


Z Post

Auto Clamp Rotation

Step 8.1—Place the ladder onto the upper with the Z Post positioned between the ladder rails.

Step 8.2—Push the ladder against the Auto Clamp Arm until the Arm runs parallel to the Auto Clamp's body as shown in detail 8.3.



Z Post

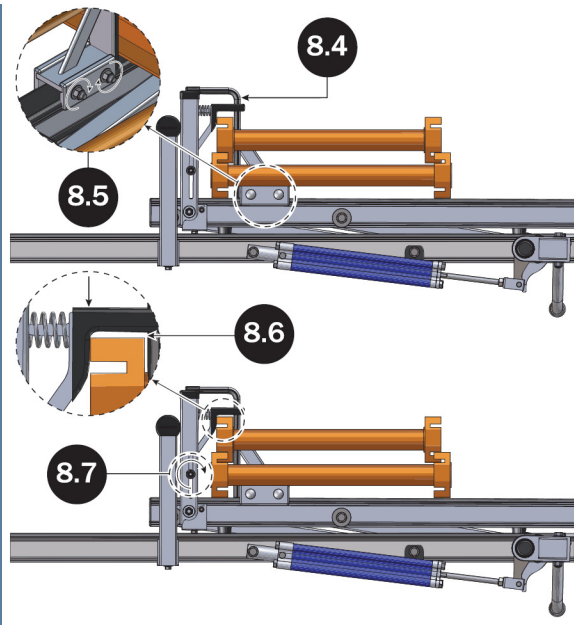
Auto Clamp Rotation

Step 8.4—Push the Z Post firmly against the ladder rail and the Auto Clamp Arm and L Post.

Step 8.5—Torque both Z Post clamp nuts to 90 in-lbs.

Step 8.6—Push the Auto Clamp Arm down toward the top of the ladder rail until it rests $\frac{1}{4}$ " above the ladder rail. This gap is required to prevent binding of the Auto Clamp.

Step 8.7—Torque the Auto Clamp Arm nut to 80 in-lbs.



Hydraulic Cylinder

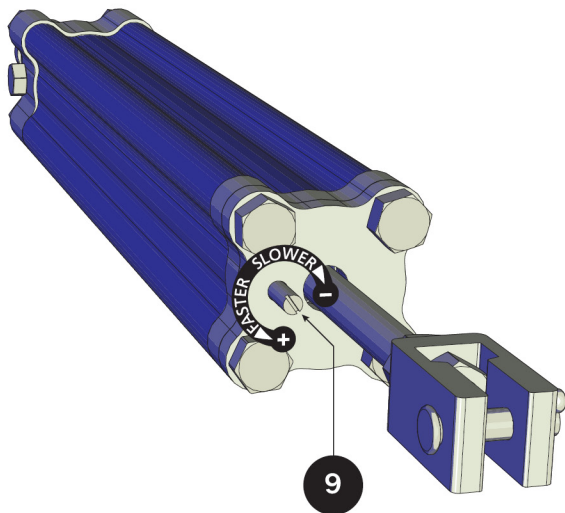
Standard, Slide, and Incline

Adjustment of the Hydraulic Cylinder's operation may be required according to the ladder's weight.

Step 9:

Slower—Using a small flathead screwdriver, incrementally adjust the Flow Control Screw $\frac{1}{4}$ turn clockwise to slow the descent of the ladder rack.

Faster—Using a small flathead screwdriver, incrementally adjust the Flow Control Screw $\frac{1}{4}$ turn counterclockwise to speed the descent of the ladder rack.



Hydraulic Cylinder Standard, Slide, and Incline

Correct descent speed is approximately 3 seconds when loaded with a ladder. If the rotation is too slow or fast, repeat Step 9 until successful.

The Hydraulic Cylinder requires periodic adjustments to maintain proper operation.

Note: Seasonal temperature changes can affect cylinder operation, and may necessitate adjustment of the cylinder's operating speed.

