

REAR END SET-UP

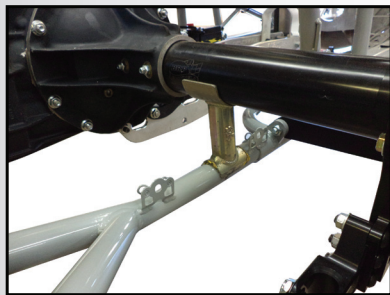


image 1

1- First, set the rear end on set-up stands with the torsion stops removed. (image 1 and 2)
Left Rear- BRP 1538 Right Rear- BRP 1539

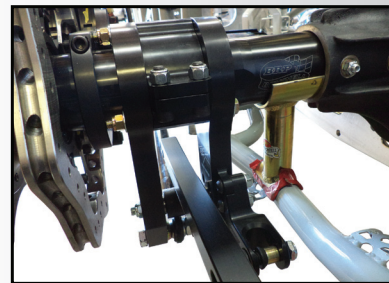


image 2

2- Set the rear panhard bar height. BRP recommends to start the outer panhard at 3" on the adjustable, 6th hole from the top on the non-adjustable. (image 3) Set the inner panhard in the second hole from the top (image 4).

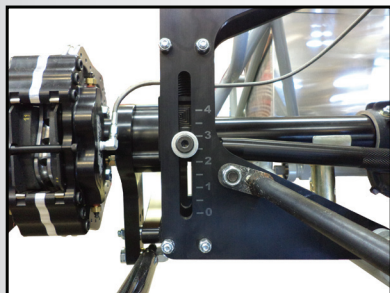


image 3

3- Once the panhard is set, center the rear end. Measure from the outside of the 2X4 frame rail to the outside of the torque arms 11 7/16". This dimension should be the same on both sides. (images 5 and 6) The rear end can be offset to obtain proper left side percentage, just make the torsion arms do not hit the birdcages as the suspension moves.

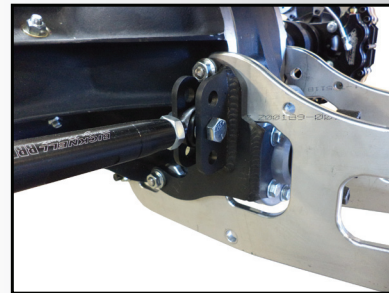


image 4

4- Now square the rear end. Measure 8 3/4" from the back side of the keystick to the front side of the rear end. (images 7 and 8)

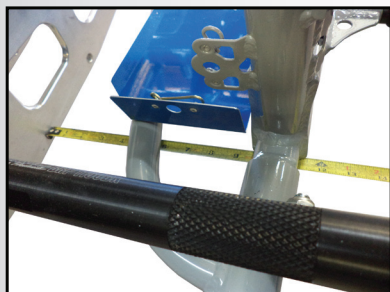


image 5

5- We recommend starting with both rear radius rods in the middle holes (image 9) Set the spring rod to 3 3/4" for heavy tracks and adjust for track conditions.



image 6

6- Next, ensure birdcage timing is correct. The birdcage timing is important because this sets the spring rate of the torsion bars. See birdcage timing (page 26) for more information about this topic.

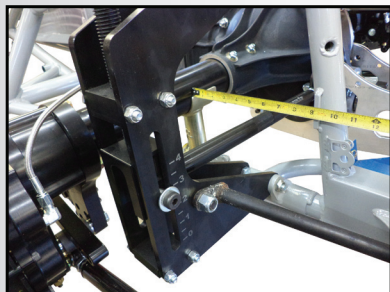


image 7

7- BRP recommends starting with both rollers in the bottom rear holes. (image 10)

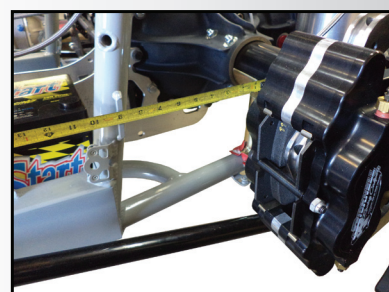


image 8

8- The torsion arms should line up approx. in the center of the birdcages at this point. They can be offset to obtain left side percentage as long as the torsion arms don't rub on the birdcages. If using quad lock tubes, you can also slide the birdcages on the tube to re-align the torsion arms in the center of the birdcages.

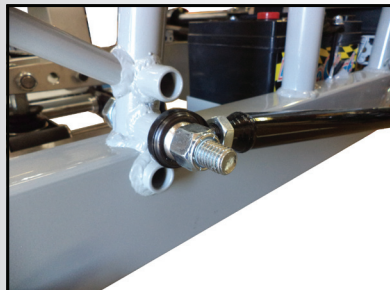


image 9

Note: If more left side percentage is required, you can shorten the rear panhard bar to achieve this. Always ensure there is at least 1/4" of clearance between torsion arms and birdcage plates.



image 10