



Brock's Performance Products • 4064 East Patterson Road • Dayton, OH 45430 • Phone: 937-912-0054 • Fax: 937-912-0062

## Ride Height Setting Procedure for Brock's Performance / Ohlins® Drag Shock

Brock's Performance has preset this drag shock for your application, to obtain the maximum performance of your drag shock, setting the spring pre-load is necessary. Commonly known as ride height or sag, this is how much the motorcycle compresses with the rider and gear on the motorcycle. This must be set to the individual motorcycle, rider, and equipment.

Proceed as follows (it will be much easier if done with two or more persons):

- 1) Support the motorcycle vertically with no weight or force being applied.
- 2) Measure the distance from the lower edge of the rear fender or from a point marked by a piece of tape, immediately above the rear wheel axle, to the wheel axle. (R1)
- 3) With the rider and gear on the motorcycle, being supported vertically with no additional weight or force being applied, take the same measurements (R2)



### **NOTE!**

*It is important that the rider has a correct riding posture, so that the weight is balanced on the front and rear wheel in the same way as when riding.*



The difference of the measurements (R1-R2) should be the following:

### **Sag with rider (ride height):**

Rear: 1/2 - 9/16 inch (R1-R2)

### **Adjusting**

Adjust the pre-load with the rings on the shock absorber. Hold the upper ring and adjust the lower one to the desired position. Increasing the pre-load (spring shorter) will decrease the sag, decreasing the pre-load (spring longer) will increase the sag. Then lock with the upper ring.

The original setting of the shock absorber, when delivered from Brock's Performance, should always be a base when the settings are changed.

### **NOTE!**

*The spring pre-load affects the ride height, it does not affect the spring stiffness. Therefore, on models with a linkage to the shock absorber, the suspension may actually feel harder when you reduce the pre-load and the shock absorber gets into the harder range of the link system.*

**Brock's Performance Products are designed for Closed-Course Racetrack use ONLY!**

For more information go to [www.BrocksPerformance.com](http://www.BrocksPerformance.com), **click:** Installation Instructions

email: [Advice@brocksPerformance.com](mailto:Advice@brocksPerformance.com) or call the office at 937-912-0054

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