

465 Series Single Shock Supplement for BMW R1150R (with Remote Adjustable Pre-Load)

Please read these instructions completely before starting!

Shouldered sleeves with O-rings should already be installed in both the upper & lower shock eyes. If not, insert sleeves with O-rings in the eye(s) (see figure 1).

Check the orientation of the adjuster on the shock body - looking at the top of the shock, it should be 45 degrees (clockwise) from the non-adjustable nitrogen pressure port on the adjuster (see figure 2). If it is not properly oriented, you will need to reposition it. To do this, hold the upper shock eye securely in a vice and carefully rotate the Remote Adjustable Pre-Load adjuster the desired direction. This may be somewhat difficult due to spring tension, and may require slight loosening of the locking ring. Also, the spring, shaft, and lower mount may rotate while repositioning the adjuster. This is OK, just be sure to realign it with the upper mount (also be sure the rebound adjuster on the lower mount is properly oriented as noted below).

Mount the shock as you would your stock shock per your authorized shop manual noting the following:

- As you mount the shock, feed the Remote Adjustable Pre-Load adjuster along the same path as the previous stock preload adjuster, to the same general location as that is where it will be mounted. Do not loosen or attempt to rotate the line between the shock and the adjuster.
- Make sure the shock rebound adjustment is at the bottom facing the left of the motorcycle and the non-adjustable nitrogen port is at the top facing rearward.
- Tighten shock bolts to the proper torque specifications (refer to your manual).
- Mount the adjuster to the supplied mounting bracket using the supplied M6-1.0X8mm SHCS fasteners and torque them to 80-90 in/lbs (9-10 N-m). Then mount the bracket to the bike in the same location the stock unit was mounted using the stock bolt (figure 3).
- Using the supplied zip-ties, secure the hydraulic line away from any moving parts or heat sources.

To adjust the ride height, simply turn the adjuster knob clockwise (looking at it from the front of the bike) to increase the height and counterclockwise to reduce it. See main instructions for procedure of achieving optimum ride height.

Caution: With the adjuster in the lightest/lowest setting (all the way counterclockwise) the installed spring length must never be set shorter than 152mm (5.98") for 465-5038 otherwise shock damage may occur.

