

465 Series Single Shock Supplement for BMW R1100RT/R1150RT (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 of the R1150RT shock & in the upper eye of the R1100RT shock. If not, insert sleeves with O-rings in the eye(s) - narrow sleeves in the upper eye and wider sleeves in the lower eye (see figure 1).

Check the orientation of the adjuster on the shock body - looking at the top of the shock, the hydraulic line port should be at a 20 degree angle clockwise from the non-adjustable nitrogen pressure port (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 & adjuster as you would your stock shock & adjuster per your authorized shop manual (with the rebound adjustment at the bottom) noting the following:

- As you mount the shock, feed the Remote Adjustable Pre-Load adjuster through the same path as the stock line was routed to the same location.
- Do not loosen or attempt to rotate the line between the shock and the adjuster.
- Make sure the shock rebound adjustment is facing the left side of the motorcycle and the pressure valve is facing rearward (on both the R1150RT & R1100RT).
- 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 and adjuster to the bike in the same location (on the right side) as the stock preload adjuster/bracket using the stock bolt as shown in figure 3.
- Using the supplied zip-ties, secure the hydraulic line away from any moving parts or heat sources as shown in figure 3.

To adjust the ride height, simply turn the adjuster knob clockwise 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 the following lengths, or damage will occur:

155mm (6.10") for the 465-5036 (R1150RT)
158mm (6.22") for the 465-5037 (R1100RT)

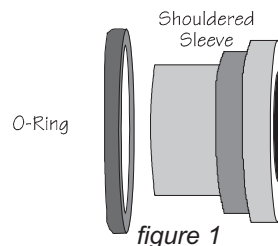


figure 1

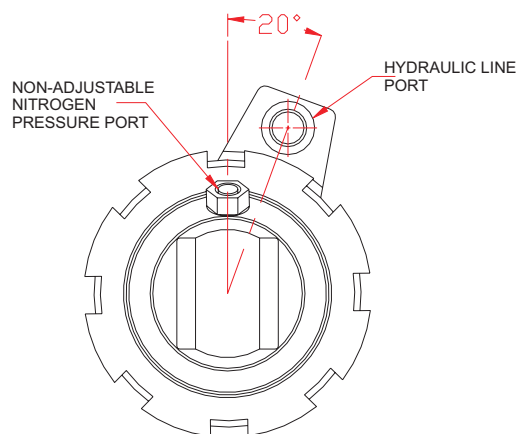


figure 2



figure 3