

465 Series Single Shock Supplement for 99-10 Yamaha Roadstar (with Remote Adjustable Pre-Load)

Please read these instructions completely before starting!

Check the spring part number on your shock - it **must** be part number 01-1002. The spring part number should be located on one of the coils near the clevis end of the shock, and may also include the spring rate number(s). If you do not have the proper spring, you **must** get one before installing the Remote Adjustable Pre-Load adjuster on your shock.

Check the orientation of the adjuster on the shock body - looking at the top of the shock, it should be 160 degrees (clockwise) from the nitrogen pressure valve to the hydraulic line port on the adjuster (see *figure 1*). 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 (with the rebound adjustment at the bottom) noting the following:

- Remove the horn located on the lower left side. Also remove the Remote Adjustable Pre-Load adjuster knob by removing the screw located in the center of the knob, then pull it straight off.
- As you mount the shock, feed the Remote Adjustable Pre-Load adjuster through the opening behind where the horn was located on the left side of the bike - see figures 2 and 3. Do not loosen or attempt to rotate the line between the shock and the adjuster.
- Reinstall the adjuster knob, and torque the screw to 50 in/lbs. (5.65 N-m).
- Make sure the shock rebound adjustment is at the rear facing the left side of the motorcycle and the pressure valve is facing up.
- 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 using the stock two drive-belt cover bolts - as shown in figure 4.
- Using the supplied zip-ties, secure the hydraulic line away from any moving parts or heat sources. Reinstall horn.

To adjust the ride height, simply turn the adjuster knob clockwise (looking at it from the back 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 142mm (5.59") for 465-5004 or 465-1139, and 130mm (5.12") for 465-5005 or 465-1140, otherwise shock damage may occur.

