



6911 Marlin Circle, La Palma, CA 90623
(714) 523-8700, Fax (714) 523-3220

465 Series Single Shock Supplement for 06-Later* Yamaha XV19 Roadliner & Stratoliner (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, the hydraulic line port on the adjuster should be in line with the non-adjustable nitrogen port (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 bracket 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, and behind the wiring harness (may require wire-tie removal) - 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 down and the non-adjustable nitrogen port is facing down.
- Tighten shock bolts to the proper torque specifications (refer to your manual).
- Mount the adjuster to the supplied mounting bracket as shown in figure 4 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 sandwiching it between the rear footrest mount and bag mounting-bracket (or footrest mounting spacers on non-bagger models) as shown in figure 5.
- Using the supplied zip-ties, secure the hydraulic line away from any moving parts or heat sources. Also replace zip-tie on wiring if one was removed. Reinstall horn bracket.

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 137mm (5.39") for 465-1161 or 465-5019, and 125mm (4.92") for 465-1160 or 465-5020, otherwise shock damage may occur.

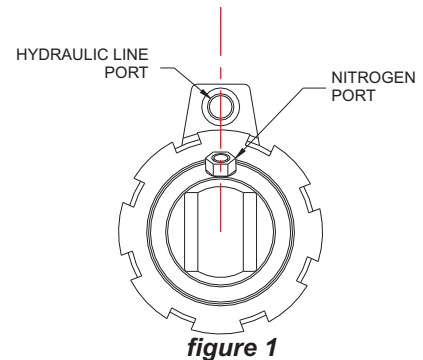


figure 1

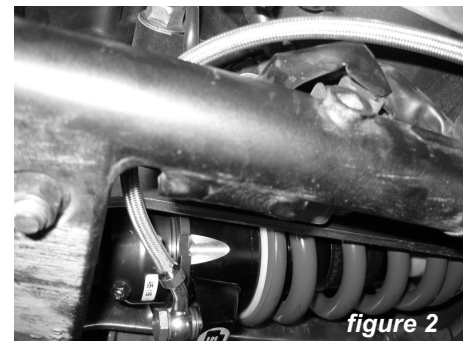


figure 2

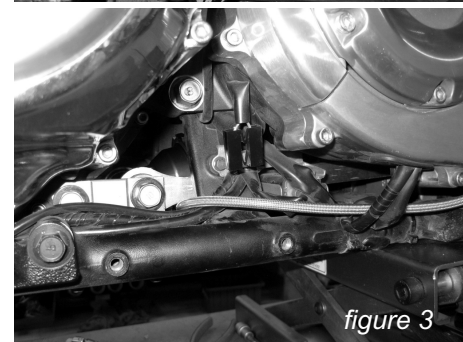


figure 3

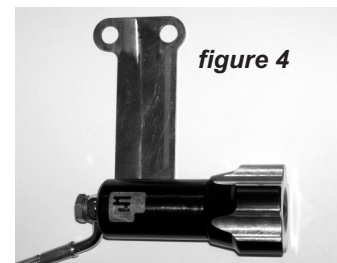


figure 4

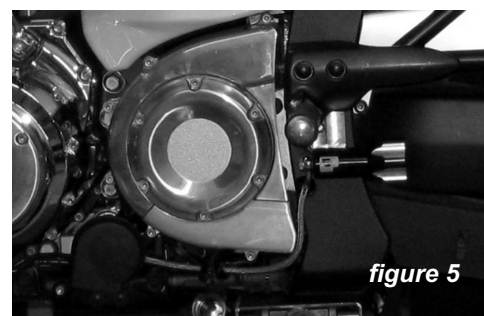


figure 5