

INSTALLATION INSTRUCTIONS FOR HQ-4000 ADJUSTABLE PUSHRODS

Evolution Big Twin Models

Step 1: Remove stock pushrods.

Step 2: Take the 4 new pushrods and adjust them to their shortest length. There will be 2 long and 2 short pushrods. The long ones will be used for the exhaust pushrods.

Step 3: Now with all the pushrods dropped in place and still in their shortest position, rotate the engine and watch the lifters to determine when they are at their lowest position.

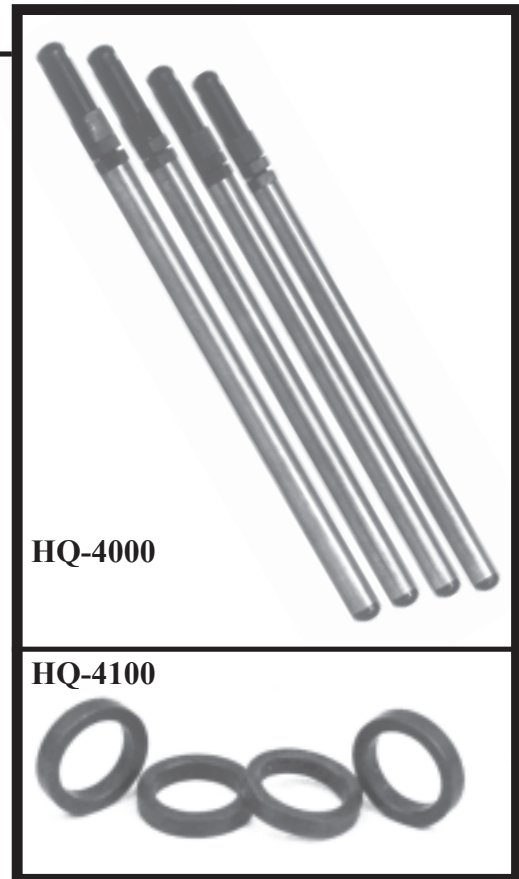
Step 4: When each lifter is at it's lowest position, that is the time to adjust the pushrod. Locate a lifter at it's lowest position.

Step 5: First adjust the pushrod until all the up and down motion is out of it. It will not be compressing the hydraulic unit at this time but if you extended it any farther it would.

Step 6: Look at the hydraulic unit. After Step 5 it should be still touching the snap ring that holds it in the cam follower. Now you can adjust the pushrod longer by turning the adjuster nut 4 full turns. The pushrod is now set so tighten the jam nut. (only one full turn if using HQ-4100 anti-pump washers)

Step 7: Follow the same procedure and adjust the other 3 pushrods.

Step 8: Allow engine to sit 15 minutes before starting. This gives the lifters the opportunity to bleed down eliminating the possibility of engine damage upon initial startup.



SPECIAL PERFORMANCE OPTION

We highly recommend the use of our anti-pump washers when installing new pushrods in any engine that will be revved higher than 6000 RPM. Especially engines that have had competition valve springs installed. Part number HQ-4100 will be supplied in a package of 4 and instructions.

