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For tech help, contact:

PRW

Toll Free (888) 377-9779

Installation Instructions

For

PRW Sportsman Series Steel Rockers

Each Kit Contains:

- ◆ 16 *Sportsman Series Rocker Arms*
- ◆ 16 *Pivot Balls*
- ◆ 16 *Lock Nuts*

Installation

Step 1

After removing the rockers and other components from the package thoroughly wash each piece, and then blow dry.

Step 2

Prior to installation, submerge the rockers in engine oil for approximately 30 minutes to insure the roller tip and fulcrum are properly lubricated.

Step 3

Install the push rods. Make sure the pushrod is properly seated in the lifter. Fill each pushrod with engine oil, one at a time, as you install each rocker arm. This is to insure immediate lubrication when the engine is started and helps prevent any galling. Also, apply a little molly lube to each push rod tip and all rocker arm push rod seats.

Step 4

Install the rocker arm on the rocker studs. Make sure the pushrods are seated properly in the rocker seat and in the lifter. Properly lube the pivot balls and nuts. Install pivot ball flat side up. Begin threading lock nut onto the stud but do not tighten.

Step 5

Check for clearances. Make sure the rocker does not touch the lower portion of the rocker arm stud, guide plate, or the stud boss. Also, check the clearance between the spring and the body of the rocker. This should be a minimum of 0.040". Normally, the smallest amount of clearance occurs when the valve is closed and the lifter is at base circle. Always hand turn the crank to verify there is proper clearance of the rocker arm throughout the entire travel of the valve.

Step 6

Hand turn crankshaft in the running rotation until the exhaust pushrods begin to move upwards. This will bring the lifter to the base circle and allow the intake valve to be adjusted.

Step 7

Intake Valves:

Hydraulic Lifter Cams: Hand tighten the lock nuts until all of the slack between the rocker and pushrod is gone. Turn the pushrod with your fingers as you tighten the nut. Do this until you feel a slight resistance in the spin of the pushrod. This will put you at zero lash. At this point turn the nut another ½ turn. Follow this procedure for all of the intake valves.

Step 8

Exhaust Valves:

Hand turn the crankshaft until the intake pushrod has reached maximum lift and is between one half and two thirds of the way back down. The lifter is now at base circle enabling you to adjust the exhaust valves properly. Repeat step 7 for the exhaust valves. Now all the valves should be at proper pre-load position.

Step 9

Before installing the valve covers for the final time, check for proper clearance between rockers and valve covers. Then, pour a pint of engine oil over the rocker arms to insure proper lubrication. Finally, replace the valve covers on the heads.

If you need technical information, or additional information regarding the installation of this product,

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