

SCORPION NON-ADJUSTABLE ROCKER ARMS

INSTALLATION INSTRUCTIONS:

Part Numbers SCP1021, 1022, 1024, 1069, 1089, 1096, 1097,
3021, 3022, 3024

Please read instructions carefully and completely before beginning.

The most important thing to know is always do one cylinder at a time and turn engine in the normal direction of rotation while installing. Follow directions closely and installation is easy. If you have any problems please call our Tech Support Line. We will be glad to walk you through your installation.

Scorpion Tech Support: 352-512-0800

Removal of the OEM Rocker Arms:

This should be done one cylinder at a time with extreme caution. You must make sure each valve is completely closed before removing the rocker bolt. Failure to do so will result in stripping out the threads. After removing the old rocker arms, closely examine the ends of your old pushrods for wear. Also check the pushrods for straightness. Scorpion recommends using new pushrods with new rocker arms to ensure proper mating of the pushrod end to rocker arm cup.

Installation instructions for Scorpion Non-Adjustable Rocker Arms:

Working on one cylinder at a time, watch the intake pushrod while rotating the engine in the normal direction of rotation. When the pushrod moves up and then all the way down (intake valve just closes) install the exhaust rocker. Make sure the radius on the pedestal mates with the radius on the rocker fulcrum - the flat on the fulcrum goes up against the head of the attaching screw. Lube with Scorpion Cam & Lifter Installation Lubricant (part numbers SRPAL4-1 or SRPAL8-1) and lightly snug the rocker arm attaching screw with your fingers until the up and down looseness of the rocker is taken up (zero lash). Setting your torque wrench to 18 to 20 ft. lbs., turn the screw until the torque is reached. The screw should turn one half to one full turn between zero lash and torqued. This will give the proper lifter preload. If there is less than one half turn, a longer pushrod is needed. If there is more than one turn, shimming of the rocker stand or a shorter pushrod is needed. Scorpion Performance offers shims in .020" thickness, part number SCPRS.020 (32 pieces).

To install the intake rocker arm, rotate engine in normal direction of rotation until the exhaust rocker just starts to move up (exhaust valve just starts to open). Now install the intake rocker arm using the same procedure as used on the exhaust rocker arm above. Continue cylinder by cylinder until your installation is complete.

Note: Always use a quality assembly lube such as Scorpion Cam & Lifter Installation Lubricant (part numbers SRPAL4-1 or SRPAL8-1) on all moving parts.

IMPORTANT:

Any component changes to the valve train (camshaft, valve length, etc.) or machining to the engine block or cylinder heads will affect the results of this procedure.