



## INSTALLATION INSTRUCTIONS:

### Pedestal Mount Adjustable Rocker Arms



***Please read these instructions and notes carefully and completely before beginning.***

The most important thing to know is always adjust one cylinder at a time and turn the engine in the normal direction of rotation while installing. Follow directions closely for easy installation.

#### ***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.

#### ***Checking for Pushrod Length:***

Pushrod length is correct when the adjustment screw is out anywhere from one half to two turns from the adjuster being bottomed up into the rocker when the rocker is at the correct adjustment. Forcibly bottoming the adjuster into the rocker or having the adjuster past two turns out could cause a failure.

***Installation instructions for Scorpion Pedestal Mount Adjustable Rocker Arms:***

Lube all rocker arm components including the adjuster threads with the supplied high pressure lube. 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. Install and torque the attaching screw 18 to 20 foot pounds. The attaching screw must not be installed or removed with valve spring load against it. At this point you can also perform your exhaust valve adjustment.

NOTE: **Maximum adjuster locknut torque is 22 foot pounds.**

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 and adjust 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.

**IMPORTANT:**

**Maximum valve lift is .650"**

**Due to 5/16" dia. attaching screw, maximum open valve spring pressure is 420 lbs.**

- Scorpion strongly suggests using .080 minimum wall thickness pushrods. The added stiffness will produce power gains and increased valvetrain stability and durability.