

480-922-6807



www.TAPERFORMANCE.com

When using Roller Rockers, it will be necessary to use taller aftermarket valve covers or raise the original valve covers by using thicker gaskets or multiple gaskets. We offer a 3/8" thick gasket for the 400-430-455 engines, p/n TA 1702-455B

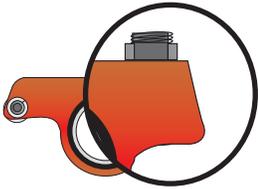
**NOTE:** On V6 and 350 Models it may be necessary to clearance the sides of the rocker shaft towers to allow adequate clearance with the rocker arms. To do so, grind the sides of the towers so that rockers fit without hitting or rubbing.

**Adjusting Preload (Hydraulic) or Lash (Solid)**

With Hydraulic Lifters, rotate engine until lifter is on the cam base circle, (valves completely closed) for that cylinder. Extend adjuster screw until zero lash is obtained, but with lifter unloaded. Then rotate adjuster screw 1/2 to 1 1/2 turns to properly obtain lifter preload. Preload should equal .030" to .060". One full turn of the adjuster screw is equal to approximately .050".

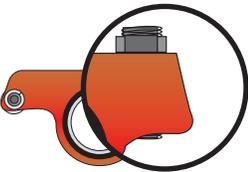
With Solid Lifters, rotate engine until the exhaust valve just begins to open to adjust the intake valve for that cylinder, then insert feeler gage for the right amount of lash recommended for the camshaft between the roller tip and the tip of the valve. Turn adjuster screw as necessary to remove excess lash, then tighten lock nut and remove feeler gage. Now check again with feeler gage, gage should be able to be inserted snugly, if gage can be inserted easily or not at all, then adjust as necessary until they just fit between the roller tip and tip of the valve. To adjust the exhaust valve, rotate engine so that the intake valve has fully opened and is just beginning to close, then follow the same procedures for the intake valve.

If you are unable to obtain proper lifter preload or lash while adhering to the guidelines shown below then you will have to compensate by switching to a shorter or longer pushrod as needed. TA Performance stocks 5/16" thick walled chrome-moly pushrods in .025" and .050" increments, for this reason.



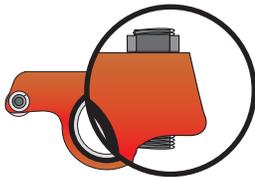
Acceptable

Ideal Adjustment, adjusting screw is flush with bottom of rocker. Allows for best pushrod geometry



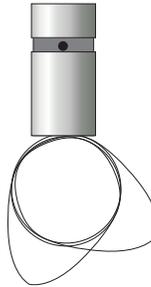
Acceptable

Within Tolerances, one thread protruding or one thread recessed from bottom of rocker. Slightly affects pushrod geometry.

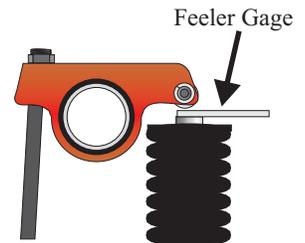


**NOT** Acceptable

Out of Tolerance, multiple threads protruding or recessed from bottom of rocker. Negatively affects pushrod geometry.



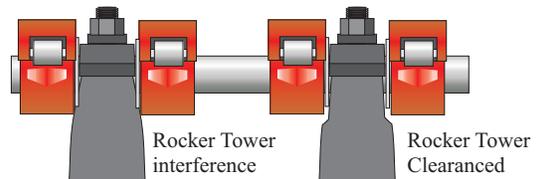
Hydraulic Lifter on Base Circle of Cam



Setting Lash with Solid Lifters

**WARNING TO INSTALLER**

The precision roller tips on your TA Performance shaft rockers have been packed with a molybdenum based high pressure grease in order to promote trouble free break in. Soaking and/or cleaning in solvents will remove or break down this lubricant and increase the possibility of seizure of the tip upon initial startup. As your TA Performance shaft rockers are assembled with great attention paid to detail and cleanliness, a minimal amount of cleaning should be required. Under no circumstance should rockers be permitted to soak in solvent.



V6 & 350 Applications