



Machining for Cam/Lifter Clearance

After all components have been fitted, mock up and check clearance in the following areas (anything that moves!), using lightweight (checking) valve springs:

- * Valve spring to rocker boxes (.060" minimum)
- * Valve spring top collar to rocker arm underside (.060" minimum)
- * Rocker arm (pushrod side) to rocker lid at full lift (.060" minimum)
- * Pushrod to head at pushrod entry below the rocker arm, during full lift cycle (.060" minimum)
- * Cam lobe to case around pinion bearing boss (.030" minimum)
- * Set cam end play, then check cam lobe rotational "swing" clearance between the cam lobe and the opposing lifter bodies (roller axle area) that run next to it as the cam is rotated for a full revolution (.030" minimum). Carefully grind lifter body for more clearance if required (**do not grind the roller axle end!**). **C**
- * Lifter free travel at max cam lift (roller to tappet block, .080" minimum) **D**



C



D