



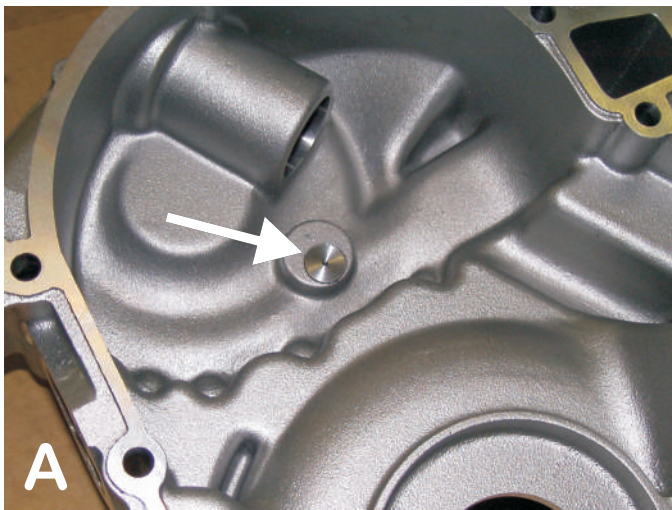
## Cam Bumper Set Up

→ END PLAY MUST BE CHECKED ←

### NOTE: Intake Manifold and Rocker Assemblies Must Be Removed

Cam End Play must be  $.002''$  to  $.010''$  with a maximum of  $.015''$ . Measure End Play in the same manner as the pictures below. This Timing cover is set up with  $.002''$  end play with the supplied gasket which is  $.032''$  thick and a fresh block. First check end clearance with the timing cover installed finger tight with the gasket in place. If there is adequate clearance begin to tighten the cover while ensuring adequate clearance is maintained, if adequate clearance is not maintained and cover is tightened the cover will flex or break. If additional clearance is necessary, sand the bumper on the backside of the timing cover (see picture "A").

*Cam End Play MUST be set up correctly to ensure proper performance, and optimal cam longevity.*



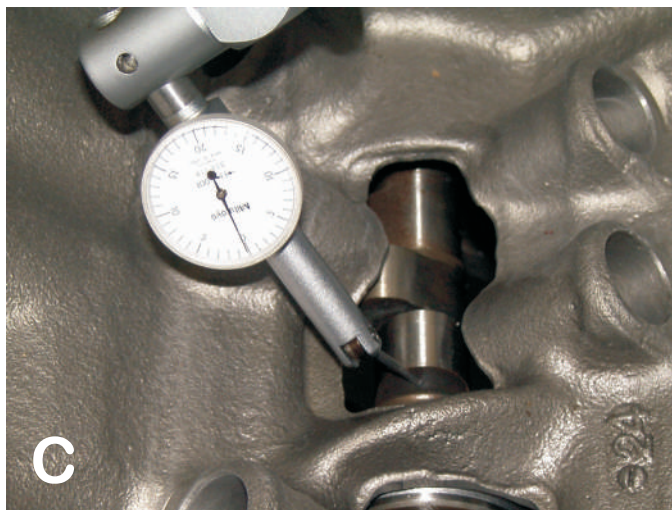
A

A. Cam bumper installed



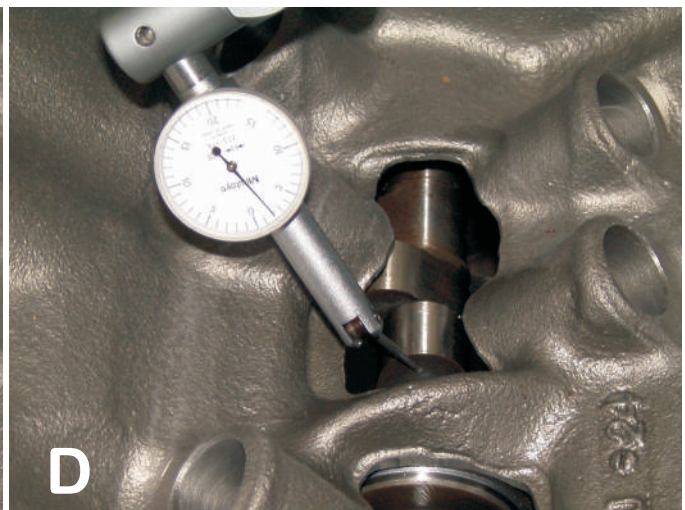
B

B. Dial indicator set up to measure end play



C

C. Zero reading with cam pushed in against the block face



D

D.  $.002''$  Reading with cam pushed up against cam bumper in backside of timing cover. Timing cover is torqued to spec. and the supplied gasket is in place.