Photo 3

You will need a 3-inch general-purpose flat stone to be able to resurface both small and big block engines. Carefully dress the stone flat by setting the diamond at 0°. Now dress the outside diameter of the stone with the stone dresser set at 90°. The large stone will run much smoother after both surfaces are dressed.

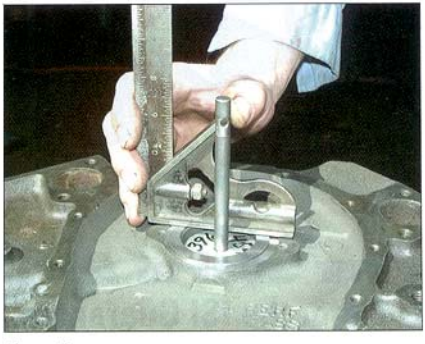

Photo 5

Here is a picture of Dave checking the fit of the camshaft thrust washer on a Chevrolet 350 engine using a straight edge. The camshaft thrust surface is the same height at the timing cover surface. Place the straight edge across the timing cover surface and grind the thrust surface until the thrust washer just fits between the straight edge and the block.

Photo 4

Grind the thrust surface for a few seconds and check your work. The thrust area may only need a light touch up to create a desirable, oil retaining, new thrust surface. If the block is worn badly then more grinding is required and an aftermarket thrust washer will be required between the cam gear and the block.

Photo 6

The blue anodized tool (right) is for the small block engines. The natural aluminum anodized tool (left) is for the big block engines.

Photo 7

If the block is worn badly then more grinding is required and an aftermarket thrust washer will be required between the cam gear and the block.