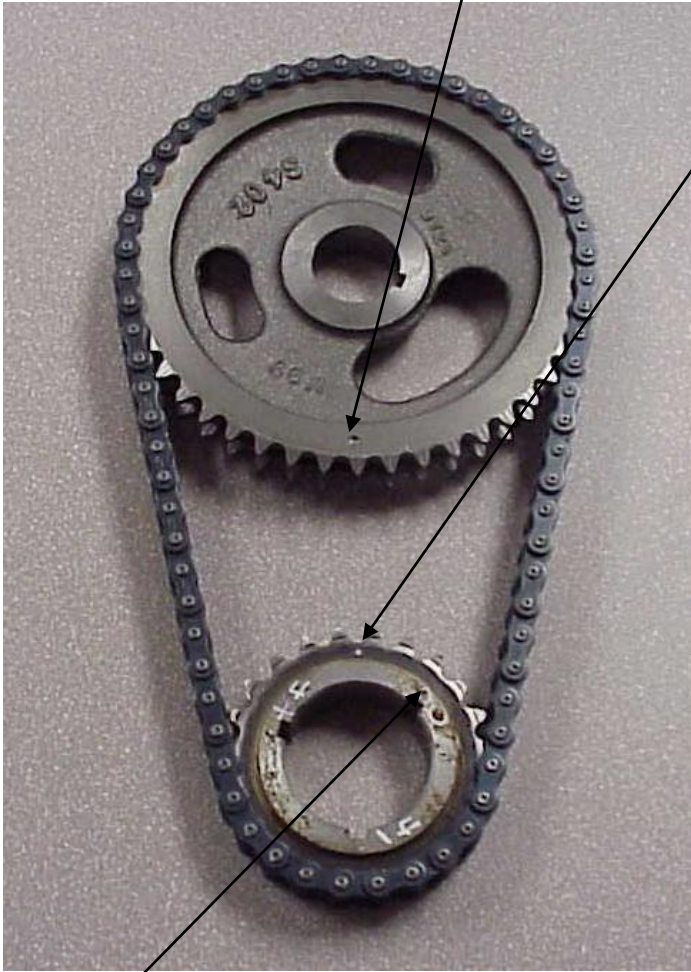


Instruction Sheet
DCF-370
for MP part number P5249267
(11/23/04)

This package includes a HP timing set for the small block "LA" engine and Magnum engines (2 gears and timing chain). The lower gear has 3 keyways that are designed to allow adjustments to the camshaft timing. The normal standard timing is set by lining up the dots as shown in the photo below (use a straight line through the centerline of the cam and crank to line up the dots). **Note that the smaller dot on the lower gear is the one used for standard timing.** The keyways should be located at about 4:00 for the top gear and about 2:00 for the bottom gear (when looking at the front of the engine).

For Standard Timing: Line up Dots (**Large Dot** on upper gear and **Small Dot** on lower gear).



The **Large dot** on the lower gear is the Zero mark near the keyway (the keyway should always stay at about 2:00 when looking at the front on the engine).

For +4 Degree Cam Timing: relocate the lower gear to the +4 keyway mark and smaller "+4" timing mark on the lower gear. The crankshaft and camshaft keyways should remain in approximately the same location as show above.

For -4 Degree Cam Timing: relocate the lower gear to the -4 keyway mark, and smaller "7" mark on the lower gear. The crankshaft and camshaft keyways should remain in approximately the same location as shown on the photo above.

The camshaft timing be checked and "dialed in" with a degree wheel P4452990 and TDC Tool P4349737, or similar tools to verify the correct cam timing.