



The stock cam on this 5.9 cummins is installed @ 90° intake center line.



With normal engine rotation the crankshaft turns CW and the camshaft CCW. With 36 teeth on the crankshaft gear, turning the cam gear one tooth CCW will advance the cam & pump timing 10 crankshaft degrees and 5 camshaft & injection pump degrees.



Installing the cam key as pictured with the modified cam gear will bring the cam back to a 90° intake centerline.