

PACKARD MOTOR CAR COMPANY

DETROIT MICHIGAN

December 28, 1923

To Packard Distributors.

Subject, Instructions for Timing Straight-Eight Motors.

REFER TO THIS LETTER BY NUMBER

TO BE NOTED AND INITIALED BY	

Straight-Eight motors bearing unit numbers which are suffixed by "E" or any letter alphabetically after "E" will have the new style vibration damper equipment. The following instructions for timing these motors are somewhat different from the timing instructions for motors incorporating the old damper equipment.

INSTRUCTIONS

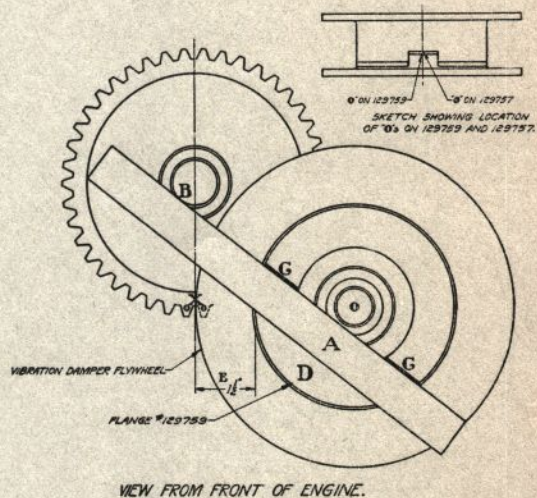
Assemble vibration damper flange with the "O" on flange 129759 registering with the "O" on flange 129757. See sketch.

Place a straight edge "A" against the under side of the camshaft "B" and against flange "D". Rotate the crankshaft until the lines "C" on the flange "D", are below the crankshaft center "O" and in line with the straight edge "A". The crankshaft is now in position.

To set the camshaft, rotate the camshaft until the vibration damper flywheel periphery bisects the space between the camshaft sprocket teeth on which the "O's" are stamped. (See "X" on drawing). One "O" is now visible and the camshaft is in position for correct timing.

If vibration damper flywheel is off when motor is being timed, the camshaft is to be set by rotating camshaft until the two "O's" on the sprocket teeth straddle lower dead center in which case the distance from periphery of rear flange to center line between the "O's" on camshaft sprocket will be 1 1/2 inches. As shown at "E".

CAUTION—The straight edge must be placed against the under side of camshaft; the "O's" on the camshaft sprocket must straddle lower dead center; and the lines on "D" must be below crankshaft center.



Yours very truly,

PACKARD MOTOR CAR COMPANY,

H. N. Davock

H. N. DAVOCK, Manager
Technical Service Department.