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Technical Letter No. 1905

REFER TO THIS LETTER BY NUMBER

PACKARD MOTOR CAR COMPANY

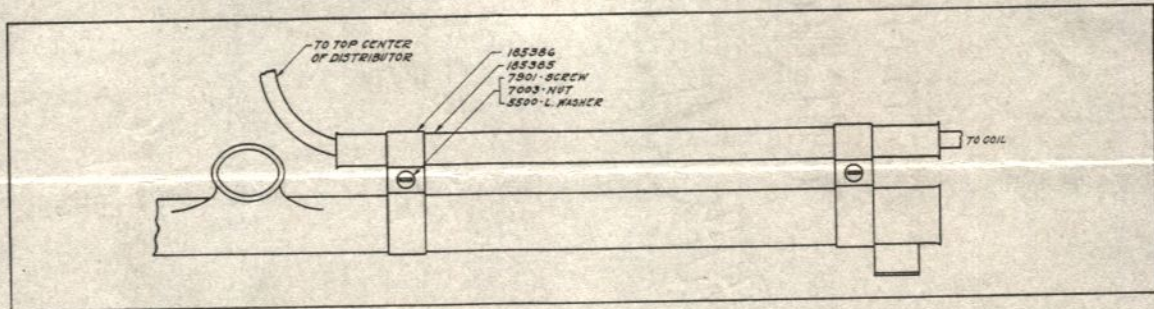
DETROIT MICHIGAN

November 3, 1930.

TO BE NOTED AND INITIALED BY	

To: Packard Distributors and Dealers.

Subject: INDUCTION IN HIGH TENSION WIRING.



Gentlemen:

Induction in the high tension wiring is frequently responsible for back-firing on a hard pull. The spark plugs are often blamed, and although the replacement of the plugs may help the trouble for a few hundred miles, it will soon re-appear.

The condition can be identified by the use of a spark plug tester incorporating a small Neon tube. When the tester touches the top of the spark plug with the motor running a flash develops in the Neon tube whenever there is current passing into the plug. If no induction exists the tube will flash regularly in time with the ignition circuit breaker, but if an induced current is developed in the wiring there will be an intermittent flashing at all times.

The illustration shows a separate conduit which has been developed to carry the high tension wire running from the coil to the distributor. It will be found that if the wire in question is removed from the large conduit and carried through the smaller one, the induction will be practically eliminated and no further trouble will occur.

These conduits may be ordered as follows:

1—0185438 Motor Ignition Coil to Distributor High Tension Cable Tube Equipment.

The first, second and third zone prices for the equipment will be \$1.10, \$1.15 and \$1.25, respectively, and the equipment may be applied to any motor using the present type of ignition conduit.

Yours very truly,

PACKARD MOTOR CAR COMPANY.

T. A. Stalker

T. A. Stalker,

Manager Technical Department.

TAS:N
(e)2800