

# PACKARD MOTOR CAR COMPANY

DETROIT MICHIGAN

January 2, 1929.

To: Packard Distributers and Dealers.

Subject: RIDING QUALITIES OF THE 640-645.

TO BE NOTED AND INITIALED BY	

Gentlemen:

The cross country riding qualities of the 640 and 645 has attracted a great deal of favorable comment, and recently several changes have been made to secure a pavement ride which is equally good.

The adjustable metering valves in the shock absorbers make it possible to control the resistance of these units, and the method of making the adjustment is outlined in Technical Letter #1857. If a softer ride than that obtained with the standard adjustment is desired, it can easily be secured.

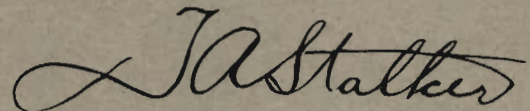
A change has also been made in the seat cushion springs. It has been found that a softer ride can be secured by the use of the cushion springs which are already in the 633, and these springs will be used in the future in the seat cushions of all Packard built closed bodies. The coils of the new springs are enclosed in individual fabric covers, while the old spring coils were exposed and were not separated in this manner. An inspection can be made through the air vent at the back of the cushion.

The axle springs are also changed. The new units are of a special steel which has made it possible to produce a more flexible spring without sacrificing the strength which is so necessary. The change in the front springs is particularly important in its effect on the ride, and the new units can be distinguished by the fact that the leaves are tapered at the ends and that the front spring does not employ the auxiliary main leaf which formerly extended from the center of the spring backward over the rear eye. In the new design the rear end of the second leaf curls around the spring eye from underneath.

You have already been advised that the shock absorber metering valve will be supplied for any cars not already so equipped, and we will also be glad to furnish new cushion springs and new front axle springs if the change is desired.

Yours very truly,

PACKARD MOTOR CAR COMPANY



T. A. STALKER,  
Mgr. Technical Department.

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