

PACKARD MOTOR CAR COMPANY

DETROIT MICHIGAN

August 1, 1930.

To Packard Distributors and Dealers

Subject SHOCK ABSORBER EXPANSION TANK EQUIPMENTS

TO BE NOTED AND INITIALED BY	

Gentlemen:

Technical Letter No. 1880 describes the vented shock absorber filler plugs which went into production at the time that letter was written.

The vented filler plug was used for the purpose of permitting the excess oil in the shock absorber to find an outlet rather than to build up internal pressure which might result in the leakage of oil and the entrance of air at any of the shock absorber joints. In most cases the vented filler plug did its work satisfactorily.

We have found, however, that when cars are driven over rough roads, or when the shock absorbers are worked unusually hard, oil may continue to leak from the filler plug vent after the pressure has been relieved, and the continued loss of oil, with a corresponding entrance of air, will change the resistance of the unit and cause the complaint that the shock absorber does not "stay put."

In order to take care of this condition reserve tanks have been developed which are mounted on top of the shock absorbers and which carry an additional supply of oil. The reserve tank itself is vented at the top so that no pressure will be built up inside the shock absorber, but the additional supply of oil prevents the entrance of air when the oil level rises due to heat, so that the original adjustment is maintained.

The complete equipment necessary to install the reserve tanks on all four shock absorbers may be ordered as follows:

1—97748 Shock Absorber Expansion Tank Equipment.

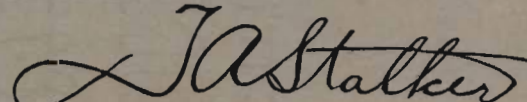
The list price of the complete equipment will be \$2.00, \$2.10 and \$2.30 for zones 1, 2, 3, respectively.

We recommend that the reserve tanks be applied whenever difficulty is encountered in retaining the oil in the shock absorber and maintaining its adjustment. It has been our experience that with this equipment the loss of oil will be practically eliminated and the shock absorber will retain its effectiveness for an almost indefinite period.

After the tanks have first been attached and filled a portion of the oil supply will be lost through expansion, but the amount which remains will be sufficient to seal the shock absorbers against the entrance of air.

Yours very truly,

PACKARD MOTOR CAR COMPANY.



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