

Packard SERVICE TECHNICAL Bulletin

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TO ZONES AND DEALERS

SUBJECT: DISTURBANCE IN REVERSE - ULTRAMATIC 25TH SERIES

A disturbing noise when driving in reverse has been reported on a few 25th Series Ultramatic equipped cars.

During reverse operation, the rear pump is rotating in reverse direction creating a vacuum on what would be the pressure side of the pump during normal forward operation. This vacuum along with air admitted by the governor vent valve causes an aerated condition of the oil at the rear pump.

To correct this condition it is necessary to supply a greater amount of oil to the rear pump to counteract the vacuum created. This can be accomplished by drilling a $\frac{3}{32}$ " hole in the rear half (flat side) of the rear pump check valve. Insert a piece of wood between the two sides of the valve when drilling so that the shape of the valve will not be distorted. Be sure to drill the hole directly in the center to correspond to the center of the bore opening. "See illustration." Remove all burrs from the edges of the hole.

Very truly yours,

J. A. Carr
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General Service Manager

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