

# Packard **SERVICE TECHNICAL** **Bulletin**

To: REGIONS, ZONES AND DEALERS

Subject: CORRECTING ULTRAMATIC DRIVE TRANSMISSION  
CONTROL THROTTLE SHAFT OVER-TRAVEL

49T-29, Dealer 23  
November 8, 1949

There have been a few cases of Ultramatic Drive failure on early production units due to burning out of the high range clutch, which was caused by a condition known as "dumping the throttle valve". This condition was the result of over-travel of the transmission control throttle valve shaft, which would release the throttle valve pressure and in turn would decrease the modulated pressure to the high range clutch. This would cause the high range clutch to slip and consequently the clutch facings would burn out.


The procedure for correcting this condition is as follows:

All Ultramatic Drive units prior to transmission number 1978 should be brought into the Dealer's service department and the following operations performed.

1. Drain the transmission and converter fluid. Be sure to reinstall and tighten all drain plugs.
2. Remove the transmission oil pan.
3. Remove the transmission control throttle valve spring retainer and throttle valve shaft.
4. Install the new throttle shaft stop, part #423128, using two new attaching screws, part #423127.
5. Using a new pan gasket, part #421327, install the transmission oil pan.
6. Fill the transmission and converter to proper level with new Ultramatic Drive Fluid according to instructions found in the Packard Serviceman's Training Book entitled "Servicing the Ultramatic Drive".
7. Adjust the throttle valve linkage and acceleration linkage properly.
8. Road test the car for satisfactory Ultramatic Drive performance.

It is of the greatest importance that the new throttle valve shaft stop be installed in all Ultramatic Drive units prior to transmission number 1978, at the earliest possible time. The Dealer and his service manager should handle the owner very diplomatically in making arrangements to have the car brought in for this service so that it will not cause him to lose confidence in the Ultramatic Drive.

Very truly yours,

  
J. A. Carr, Manager  
Parts and Service Department

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