



# Packard SERVICE TECHNICAL Bulletin

51T-3  
February 13, 1951

To: ZONES

SUBJECT: CHANGES IN ULTRAMATIC (CONFIDENTIAL)

We are listing recent changes in the Ultramatic Drive unit. The part changed, the unit number on which the change was made and the date the change was made in production are shown.

The list is supplied simply as a matter of information for the use of Zone Parts & Service Managers and Representatives.

Any parts altered will not be shipped through Service until the previous design is exhausted.

<u>Unit No.</u>	<u>Name and Change</u>	<u>Part No.</u>	<u>Effective Date</u>
145887 20011	Fr. Pump Relief Valve Radius added at spring end of valve to reduce possibility of valve sticking.	421881	9-6-50
135212 20002	Parking Lock Gear Extra oil hole added to prevent possible scoring of bushing.	423285	7-6-50
145970 20007	Conv. Relief Valve & Spacer Length of spacer increased to prevent valve sticking, and tip lengthened on end of valve to prevent valve sticking.	423380 423381	9-6-50
143551 20007	Brake Band Shortened lug at end of brake band to facilitate brazing in production.	421770	8-11-50
148690 20011	Conv. Reactor Spacer Changed to split type spacer for production reasons.	421597	9-13-50
142491 20007	Governor Valve Covered in Service Counselor Volume 24, No. 10, October, 1950.	421068	8-8-50
146700 20012	Clutch Hsg. Assy. 30° angle added on outside of cylinder sleeve to facilitate cleaning.	423366	9-8-50
151320 20021	Input Shaft Angle added at end of splines to prevent burring.	423218	9-25-50
146968 20012	Rear Hsg. Covered in Service Technical Bulletin 50T-48.	433527	9-11-50

<u>Unit No.</u>	<u>Name and Change</u>	<u>Part No.</u>	<u>Effective Date</u>
153015 20012	Parking Lock Supp. Made in two pieces instead of one. Production cost saving only.	423261	9-29-50
150374 20012	Converter Assy. Covered in Service Technical Bulletin 50T-55, December 5, 1950.	421940	9-21-50
150374 20012	Throttle Lever Screw driver slot added to shaft to facilitate adjustment of lever.	421845	9-21-50
150206 20012	Brake Piston Chamfer increased to eliminate interference with housing when piston is applied.	421210	9-21-50
151780 20021	Clutch Piston Parco-Lubrite added to piston to prevent possible scoring.	423081	9-26-50
153615 20027	Parking Lock Gear Chamfer procedure changed to facilitate machining in production.	423285	10-3-50
156250 20027	Place Bolt Addition of a second place bolt to prevent oil leak in bell housing.	G-192354	10-11-50
158980 20076	Screw Screw lengths increased from 3/8 to 7/16 for interchangeability.	G-153238	10-20-50
165318 20600	Input Shaft Tube Part not serviced in the field.	423374	11-21-50
160556 20117	Thrust Washer Was bronze - changed to steel with one side bronzed.	421675	10-25-50
173241 27088	Clutch Driven Plate Facing material changed and diameter changed from 11-3/4" to 11-1/4".	423399	2-9-51

Very truly yours,

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JAC/hs