



**Packard**

**SERVICE**

**TECHNICAL**

**Bulletin**

55T-22  
June 6, 1955

To: ZONES

Subject: CHANGES IN TWIN ULTRAMATIC - 55TH SERIES

We are listing important changes in the Twin Ultramatic Transmission since the start of the 55th Series production. The part changed, the reason, the unit serial number on which the change was made and the date the change was made in production are shown.

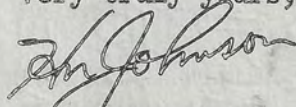
The most important changes have been covered in detail by Service Counselor articles and Technical Bulletins, and are so indicated.

The list is supplied simply as a matter of information. Any parts altered will not be shipped through service until the previous design is exhausted, unless so designated by Service Counselor article or Technical Bulletin.

<u>UNIT NO.</u>	<u>NAME AND CHANGE</u>	<u>PART NO.</u>	<u>EFFECTIVE DATE</u>
5-2370 5-80011	Governor Gaskets Gaskets eliminated to keep governor valves from sticking.	470041	11-17-54
5-4152 5-80189	Direct Drive Shift Valve Piston An angle added to the I.D. of the piston to eliminate spring drag. Covered in Service Counselor Vol. 29, No. 2.	470187	12-21-54
5-4101 5-80250	Manual Valve Link Pin New type slotted pin fastener.	450692	12-23-54
5-4600 5-80285	Direct Shift Valve Piston End Cap To center piston spring. Covered in Service Counselor Vol. 29, No. 2 and 5.	470208	12-29-54
5-4441 5-80262	Bell Housing Test Plug To reduce oil leaks at bushing. Covered in Service Counselor Vol. 29, No. 3.	470226	12-27-54

<u>UNIT NO.</u>	<u>NAME AND CHANGE</u>	<u>PART NO.</u>	<u>EFFECTIVE DATE</u>
5-10965 5-80616	Direct Drive Clutch Plate Chamfer removed from all but two slots to decrease slippage. Covered in Technical Bulletin 55T-7.	450678	2- 4-55
5-10994 5-80685	Brake Adjusting Screw and Nut New type screw and nut used on low brake.	465939 G-107829	2- 7-55
5-16035 5-83136	Selector Control Detent Spring Stronger detent spring.	450846	3- 8-55
5-5012 5-80287	High Speed Governor Spring To permit direct drive clutch engagement at lower car speeds. Covered in Technical Bulletin 55T-7.	450358	12-31-54
5-9432 5-80455	High Range Clutch Housing New type welding material to eliminate broken welds.	470075	1-28-55
5-10627 5-80536	Converter Assembly New method of tightening converter pump screws to eliminate undue stress on the pump. Covered on page 20, 55th Series Service Manual.	470010	2- 4-55
NOTE: The transmission used in the Caribbean (5588) starts with serial number 5-1001.			
5-17923 5-84685 5-1021	Low Regulator Valve Drilled passage enlarged from .062" to .094" to improve kickdown shift.	470008	3-23-55
5-17936 5-84685 5-1021	Throttle Adjusting Screw Screw lengthened to allow more throttle adjustment.	446678	3-11-55
5-18889 5-85343 5-1071	Aluminum Rear Housing Started in production	470091	3-30-55

Very truly yours,



H. N. Johnson  
Assistant Service Manager