


Packard SERVICE TECHNICAL



Bulletin

50T-20, Dealer 15

May 1, 1950

To: ZONES AND DEALERS

Subject: ULTRAMATIC DRIVE FLAT RATE TIMES REVISION

A survey has been made in various sections of the country on flat rate times established on Ultramatic Drive service operations. Some adjustments are being made and the attached list shows the corrected times. These new times become effective May 1, 1950.

These changes should be made in your book as of the effective date.

Very truly yours,


J. A. Carr, Manager
Parts and Service Manager

NAL:ms

STANDARD INDUSTRIAL PAPER CO. DIVISION
MILWAUKEE, WIS. 53211



ULTRAMATIC DRIVE

ADJUSTMENTS

Use Special Gauges. Make Adjustments to Specifications.

5-91 Adjust -

Engine Idle

Selector Linkage

Throttle Cross Shaft to Carburetor Rod

Throttle Cross Shaft to Valve Rod

Relay Lever to Cross Shaft Rod

.7

5-93 Adjust -

Low and Reverse Bands

.5

5-95 Adjust -

Control Valve Link

Includes: R & R Oil Pan

1.1

PRESSURE TESTS

5-97 Pressure Test -

Front Pump Regulated Pressure

High Range Clutch

Direct Drive Clutch

Includes: R & R mat, floor panel and road test

1.2

5-99 Pressure Test -

Front Pump Relief Valve Boost Pressure

Hydraulic Governor Pressure

Converter Inlet Pressure

Includes: Road Test car

1.1

5-101 Pressure Test -

Low Range Pressure

Throttle Pressure

Includes: R & R oil pan, oil test pan and road test

1.7

TRANSMISSION

5-103 Ultramatic Transmission and Converter Assembly - R & R

Includes: Drain transmission and converter and refill both units.

4.0

Converter - R & R transmission removed add .1 hr.

5-105 Ultramatic Transmission - Recondition

Transmission removed.

Includes: Complete dis-assembly, cleaning, inspect, including valve control body and re-assemble using same or new parts.

7.5

If converter is reconditioned, add Oper. 5-107

CONVERTER

5-107 Converter Assembly - Recondition

Converter removed

Includes: Dis-assembly, cleaning, inspection reassemble, using same or new parts, checking and adjusting of reactor shaft end play.

1.0

CONVERTER (Cont'd.)

- 5-109 Converter Pump Gasket - R & R
Converter removed .4
- 5-111 Converter Clutch Driven Plate - R & R
Converter removed.
Includes: R & R clutch piston, cleaning and inspect
all parts, check or fit new rings. 1.8

BELL HOUSING

- 5-113 Bell Housing or Gasket - R & R
Transmission removed .5
- 5-115 Bell Housing Oil Seal - R & R
Transmission removed
Includes: R & R Bell Housing and Converter .7

VALVES

- 5-117 Converter Outlet Valve or Gasket - R & R
Transmission on car .4
- 5-119 Front Oil Pump Relief Valve and Spring - R & R
Transmission on car .4

PUMPS

- 5-121 Front Oil Pump Assembly - R & R
Transmission and bell housing removed .4
- 5-123 Rear Oil Pump - R & R
Transmission removed.
Includes: R & R bell housing, high range clutch and
planetary assembly. 4.0

OIL PAN

- 5-125 Oil Pan Assembly or Gasket - R & R
Includes: Clean oil pan and oil strainer .8

VALVE CONTROL ASSEMBLY

- 5-127 Valve Control Assembly - R & R
Transmission on car
Oil pan removed.
Includes: Torque tightening of cap screws .7
- 5-129 Valve Control Body - Inspection
Transmission on car
Includes: R & R Valve body and oil pan, inspect and
check bores 1.4
If cleaning and fitting is necessary, add .7 hr.

REAR HOUSING ASSEMBLY

5-131 Rear Housing Assembly or Gasket - R & R
Transmission on car 1.1
R & R Oil Seal, add .2 hr.
R & R Parking Lock Gear, add .1 hr.
R & R Real Ball Bearing, add .2 hr.

GOVERNOR

5-133 Governor Assembly - R & R
Transmission on car .9
5-135 Governor - Recondition
Governor removed
Includes: Dis-assembly, clean, free up valve and
re-assemble .4

SPEEDOMETER GEAR

5-137 Speedometer Driving Gear - R & R
Transmission on car
Includes: R & R rear housing assembly 1.5

CONTROLS

5-139 Throttle Valve Operating Shaft Seal - R & R
Includes: R & R oil pan, valve body and refilling
transmission 1.4
5-141 Detent Selector Plunger or Gasket - R & R
Transmission on car .3
5-143 Safety Starter Switch or Gasket - R & R
Transmission on car .3
5-145 Parking Lock Lever Assembly - R & R
Transmission on car
Includes: R & R oil pan, rear bearing housing assembly 2.5

COOLER HOSE

5-147 Radiator Oil Cooler Hose - R & R
One at Radiator .4
5-149 Radiator Oil Cooler Hose - R & R
One at transmission .5

