

Packard SERVICE TECHNICAL Bulletin



*File in
Flat Rate
Manual*

55T-48
Dealer 39
November 16, 1955

To: ZONES AND DEALERS

Subject: SUGGESTED FLAT RATE TIME ALLOWANCES -- AIR CONDITIONING 55TH AND 56TH SERIES -- REAR AXLE 56TH SERIES -- SUGGESTED CHANGES FOR 55TH SERIES FLAT RATE MANUAL

The attached sheets list the suggested time allowances or changes for the above mentioned subjects and are arranged according to these three categories.

As the air conditioning units for the 55th and 56th Series are similar in design, the suggested time allowances covering this unit will apply to both series of cars as specified.

In reference to the Rear Axle, 56th Series, the suggested times in this category specifically apply to the rear axle assembly of all models in the series specified. This is a complete new assembly to the Packard and Clipper vehicles.

The suggested time allowance changes for the 1955 Flat Rate Manual are the result of intensive review, study and rechecking of the operations in this manual.

It is the intention to be fair, and impartial as to time allowances, while endeavoring to keep all time allowances consistent, fair and necessarily competitive. This is especially paramount where design is obviously comparative in this highly competitive business. These factors, if not considered, might lead to suggested allowances that, if too high, could result in adverse publicity with a resultant loss of potential new car sales and profitable service business.

Very truly yours,

H. N. Johnson
Assistant Service Manager

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ATT.

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GROUP NO. 12

REAR AXLE

1956 SERIES

Handwritten notes:
1-9 3/4
1-1 3/4
5-8 3/4
1-2 3/4

<u>Operation No.</u>		<u>Suggested Time</u>
12-41	Rear Axle Assembly - R & R Only Includes: Fill with lubricant and bleed brakes When installing new factory assembled unit - Add With fender shrouds - Add	2.8 1.2 .2
12-45	Rear Axle Assembly - Recondition Axle Assembly removed Includes: Complete disassembly, reassembly, clean, inspect, replace necessary parts, make adjustments and fill with lubricant	5.0
12-49	Rear Axle Housing and Tube Assembly - R & R Includes: R & R Axle Assembly, change over all parts to new housing and tube assembly, make necessary adjustments, paint housing, fill with lubricant and bleed brakes With fender shrouds - Add	7.4 .2
12-53	Differential Ring Gear and Pinion - R & R Rear Axle Assembly not removed Includes: R & R propeller shaft, gear cover, ring gear and pinion, install new parts, make necessary adjustments and fill with lubricant With fender shrouds - Add	4.3 .2
12-57	Differential Side Gear and Pinion Kit - R & R Rear Axle Assembly not removed Includes: R & R ring gear, install necessary parts, make adjustments and fill with lubricant With fender shrouds - Add	3.0 .2
12-61	Differential Gear Carrier Cover Gasket - R & R Includes: Fill with lubricant	.6
12-65	Differential Pinion Shaft Oil Seal - R & R Includes: R & R universal joint flange and torque tighten pinion shaft nut to specifications	.9
12-69	Rear Axle Shaft and Bearing Assembly - R & R One Side Both Sides For R & R bearing - Add For R & R oil seal - Add With fender shrouds - one - Add	.5 .9 .3 .2 .1
12-73	Rear Axle Shaft - Oil Seal - R & R One Side Both Sides With fender shrouds - one - Add	.7 1.3 .1

GROUP NO. 29

AIR CONDITIONING

55TH AND 56TH SERIES

<u>Operation No.</u>		<u>Suggested Time</u>
29-1	Refrigerant - Partial Charge Includes: Qualifying system	1.2
29-5	Refrigerant - Complete Charge Includes: Pumping down and evacuating, leak testing and qualifying system	1.5
29-9	Evacuate and Leak Test System	.5
29-13	Qualifying System - Make Gauge Check	.3
29-17	Blower Motor - R & R	.2
29-21	Blower Wheel - R & R Blower motor removed	.2
29-25	Compressor Assembly - R & R Includes: Adjust belt When replacing new unit - Add	1.4 .3
29-29	Compressor Mounting Bracket and/or Gasket - R & R Compressor removed	.5
29-33	Compressor Shaft Seal - R & R Compressor on car	.8
29-37	Compressor Valve and Plate Assembly - R & R Compressor on car	
		One .7 Both 1.3
29-41	Compressor Drive Clutch - R & R Compressor on car Includes: Adjust belt	.5
29-45	Compressor - Pulley - R & R Compressor on car Includes: Adjust belt	.4
29-49	Compressor - Belt - Adjust	.2
29-53	Compressor - Belt - R & R	.3
29-57	Compressor Belt - Idler Pulley - R & R	.4
29-61	Compressor Belt Idler Pulley - Bearing R & R Pulley Removed	.2

Operation No.		Suggested Time
29-65	Compressor Oil-Level - Check Includes: Adding oil if necessary	.2
29-69	Compressor - Pressure Relief Valve and/or Gasket - R & R Does not include charging system	.2
29-73	Condenser Assembly (Complete Operation) - R & R Includes: Charging and qualifying system	2.4
29-77	Evaporator Coil Assembly (Complete Operation) - R & R Includes: Charging and qualifying system	7.4
29-81	Evaporator Case - Cover - R & R Includes: Bottom cover, glove box, cold air housing duct and deflectors	5.9
29-85	Expansion Valve Assembly - R & R Does not include: Charging and qualifying system	.3
29-89	Modulating Valve Assembly - R & R Does not include: Charging and qualifying system	.8
29-93	Receiver Assembly - R & R Does not include: Charging system	.5
29-97	Tube Assembly - Compressor to Condenser - R & R Includes: Shut off valve Does not include: Charging system	.5
29-101	Tube Assembly - Condenser to Receiver - R & R Does not include: Charging system	.4
29-105	Tube Assembly - Evaporator to Compressor - R & R Includes: Shut off valve Does not include: Charging system	.5
29-109	Tube Assembly - Modulating Valve to Compressor Tube - R & R	.4
29-113	Tube Assembly - Receiver to Sight Glass - R & R Includes: Sight glass Does not include: Charging system	.7
29-117	Tube Assembly - Sight Glass to Expansion Valve - R & R Does not include: Charging system	.2
29-121	Cold Air Outlet - Deflector - R & R Right or Left	.3
29-125	Cold Air Outlet Housing Duct - R & R Right or Left	.3
29-129	Control Switch Assembly - R & R	1.5
29-133	Relay Assembly - R & R	.3
29-137	Wiring Harness Assembly - R & R	1.5
29-141	Air Conditioning Unit (Field Installation)	32.0

(over)

ADDITIONS, DELETIONS AND CHANGES IN SUGGESTED TIME
ALLOWANCES IN THE 1955 FLAT RATE MANUAL

<u>Operation No.</u>	
0-5	Add .5 hour for installing hood panel insulation.
1-1	Add .2 hour for R & R rear fender shrouds.
1-9	Add .2 hour for R & R rear fender shrouds.
1-121	Add .2 hour for R & R rear fender shrouds.
3-13	Increase time allowances from 2.8 to 3.2 and 3.2 to 3.6 hours.
3-21	Increase time allowances from 2.3 to 2.6 hours.
3-25	Increase time allowances from 1.8 to 2.3 hours.
3-49	Increase time allowances from 2.7 to 3.1 hours.
3-53	Increase time allowances from 1.8 to 2.1 hours.
3-65	Increase time allowances from .8 to 1.4 hours.
3-131	Increase time allowance from .7 to 1.2 hours.
3-163	Increase time allowance from 1.1 to 1.5 hours for (both).
4-25	Increase time allowance from .1 to .3 hour.
4-193	Increase time allowance from .1 to .4 for Clipper models.
5-37	Reconditioning valves to be deleted from this operation. Increase time allowance from 21.8 to 24.5 hours.
5-39	New operation to be added (5-51) Surface Honing Cylinder Walls - 1.0 hour.
5-57	Increase time allowance from 2.5 to 2.8 and 2.7 to 3.1 hours.
5-73	Increase time allowance from 9.9 to 10.8 hours.
5-85	Increase time allowance from 1.4 to 1.7 hours.
5-129	Increase time allowance from 13.3 to 14.7 hours.
5-137	Increase time allowance from 9.3 to 10.3 hours.
5-145	Increase time allowance from 4.5 to 6.0 hours.
5-149	Increase time allowance from 2.7 to 3.0 hours.
9-5	Delete (making necessary adjustments) and add - "adjust idle."

(over)

Operation
No.

- 9-9 Increase time allowance from 3.8 to 4.2 hours for dual carburetors.
- 9-21 (For dual carburetors) Add - .5 hour.
- 10-33 Increase time allowance from .4 to .9 hour.
- 10-37 Add the word (Assembly) after cable and increase time from .4 to .7 hour.
- 11-17 Increase time allowance from .3 to .5 hour.
- 12-13 Increase time allowance from 5.1 to 5.6 hours.
- 15-89 Increase time allowance from .5 to .7 hour.
- 15-173 Increase time allowance from 2.2 to 2.5 hours.
- 19-21 Add to operation (With Fender Shrouds) - Add .2 hour.
- 30-201 Add to operation (With Fender Antenna) - Add .5 hour.
Weld splasher new fender .8 hour.
- 31-173 Add to operation (For Imitation Leather) - Add 1.0 hour. Any engine operation requiring R & R Air Conditioning Compressor - Add 1.4 hours.