

# Packard—Chicago

Date 10-16-34

## Service Bulletin

To: BRANCH MANAGERS, SERVICE MANAGERS & SHOP FOREMEN,  
ALL DEALERS AND AUTHORIZED SERVICE STATIONS:  
Subject: SERVICE TECHNICAL DISCUSSION CONTINUED

STEAM CAR HEATERS  
WARMING

ALL MODELS - Steam heaters are not listed as a Packard approved accessory and, therefore, we do not recommend their installation or the attachment designed to convert hot water heaters to steam. Prestone Anti-Freeze should not be used with this type heater.

RADIO ANTENNA  
SHIELD GROUND

12TH SERIES - The antenna lead in shield is now fastened to a clamp which is spot welded to the cowl. On a few of the first cars, the shield was grounded to the dash brace. On these cars, should plug interference be encountered, a correction can be made in the following manner: Using lacquer thinner, remove paint from lead in shield and inside of cowl panel along pillar opening. Wedge shielding up between pillar opening and panel in new position. Soldering, which might disturb paint, is not necessary.

FILLING AND BLEED-  
ING AIR FROM  
SHOCKS OFF CAR -  
12TH SERIES

To do this properly, make up an angle iron having two studs and fasten to the edge of shop bench. The studs should be spaced to accommodate the shock retaining bolt holes. Slip the shock on the studs and bleed and fill as described in Bulletin #29-C. It is important in handling the shocks after filling not to turn them upside down as air pockets may again form in the cylinders.

RUNNING BOARD MATS

9TH SERIES TWIN, 10TH AND 11TH SERIES - The running board mat on these Models is vulcanized to the metal board. In cases where the running board mouldings are in good condition but the rubber mat has been damaged, your owner may want a new board installed. When ordering the new board, specify board and mat only. The price of the board and mat only is about one half the price of the running board assembly which includes mouldings.

**Make every owner a salesman.**



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RADIO DIAL ILLUMINATION

12TH SERIES - To brighten dial illumination, remove Mazda #51, 1 C.P. and install Mazda #55, 1.5 C.P.

IGNITION KEY LOCKS

10TH AND 11TH SERIES - Should the key tumbler assembly pull out when turning ignition on or off, it is not necessary to renew the entire lock and cable assembly to make a correction. Located at the rear of the tumbler assembly is a half round moon shaped spring loaded wedge pinned at one end. In some cases a satisfactory result can be obtained by bending the wedge from the free end out about 1/64ths of an inch or just enough to allow tumbler to slide easily into the lock cylinder with wedge compressed. Tumbler assemblies can be purchased separately.

ACCELERATION TAKE OFF  
FLAT

Down Draft Carburetors. There are several points in the carburetor which can cause this condition but there are two points where the trouble usually prevails. On opening the throttle slowly, fuel should discharge from the economizer nozzles from a drip to a stream depending on the swiftness that the throttle is opened. With the air cleaner removed and the motor shut off, a check for this condition can be noted. If not standard, first remove the economizer pump piston assembly and make sure that the leather cup is in good condition and contacting the cylinder perfectly. Second, remove the economizer fuel inlet check valve and test valve for seating. This valve is located in the float chamber bowl and can be easily identified by the small screen attached to the top of the assembly. If leaking, renew check valve.

FRONT SEAT WEDGES

1200 SEDANS - Refer to Technical Letter #1963. Wedges and attaching bolts will be sent you for all cars which you have received and are not so equipped.

CYLINDER WATER JACKET  
PLATES

ALL MODELS - Volume 8, #15 Service Letter describes new style jacket plates having spouts. The use of spouts on the new style plates have been discontinued. You may receive plates with or without spouts - either type is satisfactory for replacement.

POOR MOTOR IDLE AND  
LOW FUEL MILEAGE

Downdraft Carburetors. Symptom: Motor idles smoothly for only a short period of time after having been run with open throttle and car mileage is poor. This condition is usually found to be caused by a leaky economizer by-pass valve which allows fuel to leak out of economizer system. The valve assembly has a spring which closes the blow-off valve. Should the valve leak after a thorough cleaning, replace the assembly. Do not increase the spring tension on the valve to make a correction as this will bring about poor acceleration.



#3. 10-16-34.

Service Technical Bulletin #29-D.

12TH SERIES CONNECT-  
ING ROD BLEED HOLES

Models starting with 7th Series up. Refer to Service Letter Volume 7, #9. Twelfth Series rods when used on 9th, 10th, 11th and 12th Series Eights, the oil bleed hole must be on the side nearest the camshaft and the size of the bleed hole now in these rods should not be changed. When used on 7th and 8th Series, the oil bleed hole must be on the side away from the camshaft, also the oil bleed hole should be enlarged to a #30 drill size. When selling rods over Parts Counter, advise your customer to this effect.

PRESTONE ANTI-FREEZE  
FILL-UPS

ALL MODELS - It is very important that the proper amount of Prestone Anti-Freeze be used and given out by Parts men. We are giving below the models, cooling capacity and amount of Prestone necessary for twelve to fifteen degrees below zero. We have three price groups for fill-ups - the Six, Standard Eight, Super Eight and Twelve. Therefore, in order to effect a balance, furnish only required amount and exercise care in costing.

STANDARD 6'S AND 8'TS

<u>MODEL</u>	<u>COOLING CAPACITY</u>	<u>PRESTONE NEEDED</u>
3-4-5-26-33 )		
6-7-8-26-33 )		
900-901-2 )		
1001-1002 )		
1100-1101-1102 )		
1200-1201-1202 )		
	4 $\frac{1}{4}$ - 4 $\frac{1}{2}$ - 5 Gallons	2 Gallons

SUPER EIGHTS

3-43 4-43 )		
6-40-45 )		
7-40-45 )		
8-40-45 )		
903-904 )		
	6 - 6 $\frac{1}{4}$ - 6 $\frac{1}{2}$ Gallons	2-3/4 Gallons

1003-4 )		
1103-4-5 )		
1203-4-5 )		
	5-1/2 Gallons	2-1/4 Gallons

TWELVES

905-6 )		
	11-1/2 Gallons	5 Gallons
1005-6 )		
1107-8 )		
1207-8 )		
	10 Gallons	4-1/2 Gallons

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