

Packard SERVICE TECHNICAL Bulletin

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To: ZONES AND DEALERS

Subject: "WGD" CARBURETOR OVER-CHOKING AND LOW GAS MILEAGE

We have received a number of reports on "WGD" carburetors over-choking and engines loading up during the engine warm-up period. Low gas mileage also has been reported on a number of vehicles equipped with the new carburetor.

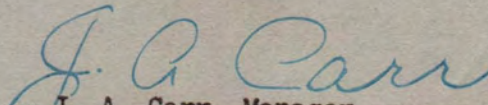
When checking for the cause of over-choking, the choke mechanism should be inspected for binding or sticking, and if necessary, freed up so that the choke valve operates properly. The carburetor adjustments also should be checked and set to the proper specifications if necessary.

If the choke operates freely and the carburetor adjustments are known to be correct, the tendency to over-choke may be reduced by decreasing the tension of the thermostatic coil spring. This is accomplished by turning the coil housing to the left (counterclockwise).

The standard choke setting is one graduation lean or to the left of the center index mark on the choke adjustment scale. With the engine at room temperature and the air cleaner removed to check the closed position of the choke valve, rotate the coil housing to the left (leaner) so that the choke valve is held fully closed with a minimum amount of spring tension. This setting usually can be obtained by turning the coil housing one or two graduations leaner than the standard setting.

Fuel consumption with the new type carburetor should be no greater than with the "WDO" model if the new unit is properly adjusted and has no defective parts. When checking for the cause of low gas mileage, it is important that the float level be correct since a high float level will cause this condition. If adjustment is necessary, bend the small lip in the V-shaped section of the float arm near its pivot point. Do not bend the arm at the float end because it is possible to fracture the soldered seam of the float by doing so. An inspection of the carburetor float also should be made since a number of reports have stated that the excessive fuel consumption was caused by a leaking float.

Very truly yours,


J. A. Carr, Manager
Parts and Service Department

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