

Packard SERVICE TECHNICAL Bulletin

54T-5

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TO: ZONES

SUBJECT: 4-BARREL CARBURETOR (359 CU. IN. 212 HP ENGINES)

The choke setting on the 4-barrel carburetor used on the 359 cu. in. 212 HP engine has been changed to "1½ points lean" instead of "on the index mark."

When changing the choke setting on these cars in the field, it is important that the fast idle screw be turned in one full turn so that the throttle valves will open approximately .027" instead of .020".

These new settings reduce the possibility of flooding the engine during cold starts.

Occasionally you may encounter a stalling condition with a warm engine, after it has idled for a few minutes. When this stalling condition exists, the engine appears to idle smooth for a minute or so then loads up and stalls.

Incorrect float level setting, leaking float needles and seats or improper functioning of the idle system may cause this condition.

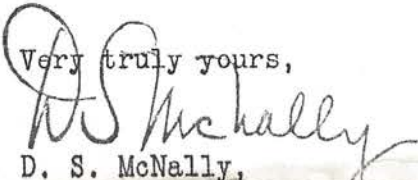
We have found a few cases of porosity in the carburetor main body which allowed the fuel to be drawn from the accelerator system, down past the carburetor flange retaining screw on the primary side, thus flooding and stalling the engine.

If this leaking condition is suspected, remove the carburetor assembly, remove the flange retaining screw from the flange well on the primary side nearest the distributor vacuum tube connector on the carburetor. (See fig. 14 in Service Counselor Vol. 27, No. 1, January, 1953). Coat the retaining screw threads with "Gasolila" and reinstall the screw.

Note: Gasolila can be purchased at most any refrigerator service. It is not affected by gas, oil or refrigerant.

For your information, the maximum manifold vacuum obtainable is 13 inches on the 359 cu. in engine. This should be remembered when taking manifold vacuum reading.

Very truly yours,


D. S. McNally,