

Dealer 47T-7

May 8, 1947

To: REGIONS, ZONES AND DEALERS

Subject: OVER-CHOKING - SUPER EIGHTS

You may have encountered cases of Super Eight carburetors over-choking and engines loading up during the warm-up period particularly in cold weather. To correct this condition, a new carburetor thermostatic coil and housing assembly has been released for Service and may be installed on all Super Eights equipped with Carter carburetors.

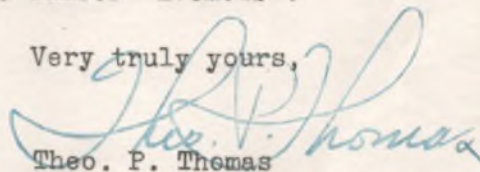
In these assemblies, the coil has less torque or tension than the standard coil and this reduction in torque permits the choke valve to open farther on initial starts thereby reducing the tendency to over-choke.

When a cold engine is first started the choke valve is almost fully closed and a rich mixture enters the intake manifold. Although no trouble may be experienced during the initial start, this rich mixture usually results in an uneven or "rolling" idle which does not clear up until the engine warms up and the choke valve opens farther to admit more air. The tendency to over-choke will be materially reduced by installing the new coil and housing assembly.

After installing the new assembly, the choke should be adjusted to suit prevailing climatic conditions. However, the housing should not be rotated so that the index mark on the housing is more than two graduations from the center index mark on the air horn.

The new thermostatic coil and housing assembly may be ordered under part number 394492. This assembly carries the vendors part number "170G64S" which appears on the face of the housing. The standard assembly carries the number "170M64S".

Very truly yours,


Theo. P. Thomas
Service Technical Manager

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