

# SERVICE BULLETIN

CAB SERVICE & PARTS CORPORATION

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SUBSIDIARY OF  
CHECKER MOTORS  
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Subject: ENGINE - MODEL A-9

Description: ENGINE TEMPERATURE

High engine operating temperatures are necessary to minimize cylinder corrosion and reduce piston ring wear. Water jacket temperature at 140° F is critical; for assurance of minimum corrosive wear and water temperatures, between 160° and 180° F are desirable.

Fast warm-up is also a necessity as it minimizes the time during which corrosive wear may occur.

To obtain good gas mileage in taxicab service, high under-hood and intake manifold temperatures are required. This gives increased fuel vaporization and consequently improves distribution.

Poor fuel vaporization also increases cylinder wear by washing oil from walls and, in addition, the refrigeration effect of evaporating gasoline from cylinder walls accentuates the corrosive action of the acids of combustion.

By: NEW YORK SERVICE DEPARTMENT