

Dealer 47T-13
June 9, 1947

To: REGIONS, ZONES AND DEALERS

Subject: TAXICAB GENERATORS

Taxicabs with engine numbers prior to F35057 were equipped with Auto-Lite GEB-0802C generators and VRP-4004C regulators. Experience has shown that, particularly in metropolitan taxicab service, the standard current regulator setting of 35 amperes is excessive for this type of generator and may result in armature failure.

All taxicabs equipped with GEB-0802C generators should be called in and the generators checked and, if necessary, reset to the specifications given in the accompanying table. When this is done the condition of the generator armature and brushes should also be checked. Burned or worn brushes should be replaced and burned armatures should be turned and the mica undercut.

A new generator armature with greater capacity but with slightly higher cut-in speed, Packard Part No. 394490, Auto-Lite No. GEG-2006E, is now available for replacement in GEB-0802C generators. With this armature the current regulator may be set at 35 amperes. Auto-Lite Service Stations are using this armature for replacement under the Warranty.

Taxicabs with engine numbers above F35057 are equipped with a new Auto-Lite generator GEG-4823E and a new regulator VRP-4402B set at 40 amperes. It is expected that this generator will be more satisfactory for taxicab operation. All taxicab generator regulator settings should be checked, and reset if necessary, when preparing the cab for delivery to the operator and again at the 1000 and 3000 mile inspections.

To insure best performance with each generator the following regulator settings should be used.

| <u>Generator</u> | <u>Current</u> | <u>Voltage</u> |
|------------------|----------------|----------------|
| GEB-0802C | 28-30 amperes | 7.2-7.5 volts |
| GEG-4823E | 40 amperes | 7.2-7.5 volts |

(over)

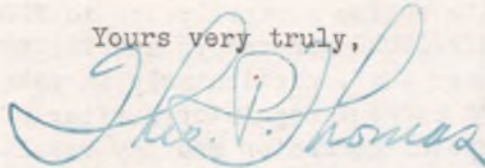
Both settings are to be made at operating temperature. In no case should this current setting be exceeded. Should the battery charge not be maintained, occasional charging from an outside source may be necessary.

CAUTION: Generators and regulators must be used in combinations as follows:

With generator GEB-0802C (Packard Part No. 367084) use regulator VRP-4004C (Packard Part No. 367085) - (Brown name plate)

With generator GEG-4823E (Packard Part No. 403042) use regulator VRP-4402B (Packard Part No. 393740) - (Red name plate)

Yours very truly,



Theo. P. Thomas
Service Technical Manager

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