

has a three piece plastic polypropylene container, heavy duty plates, premium separators and separator protectors. The electrolyte in this battery should be checked every 12 months or 10,000 miles (16 000 km) whichever occurs first and distilled water added if necessary.

All batteries have a built in **Test indicator** (hydrometer).

Dual Battery System

An optional dual battery system (Fig. 3), featuring a second battery which can be used to operate recreational type, non-factory installed options, is available in B300 wagons and vans, Kary Vans, and Front Section models. The dual battery system includes a solid state battery isolator (Fig. 4) that prevents auxiliary battery use from draining the engine battery. Both batteries are charged from the engine charging system. The auxiliary battery, a Chrysler 500 AMP "Long Life" battery is mounted in the engine compartment next to the standard vehicle battery (Fig. 5). Two sizes of battery isolators are used; one for alternators of 63 ampere capacity or lower, and one—a larger size unit—for the 117 ampere alternator.

The 243 diesel engine uses two 12 volt maintenance

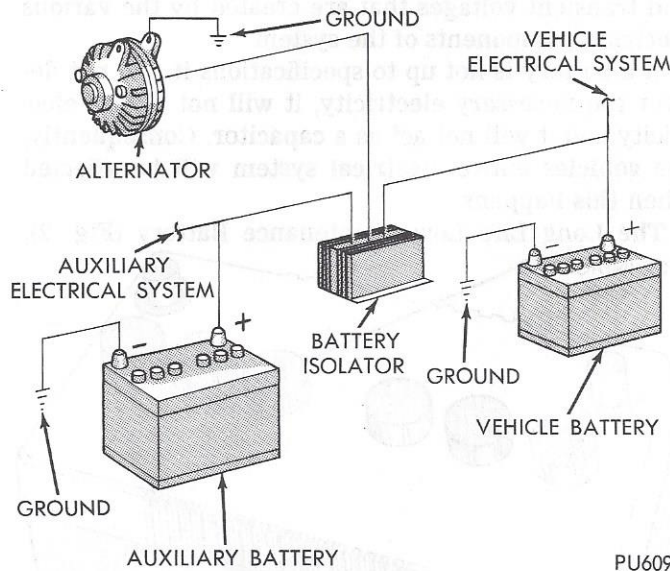
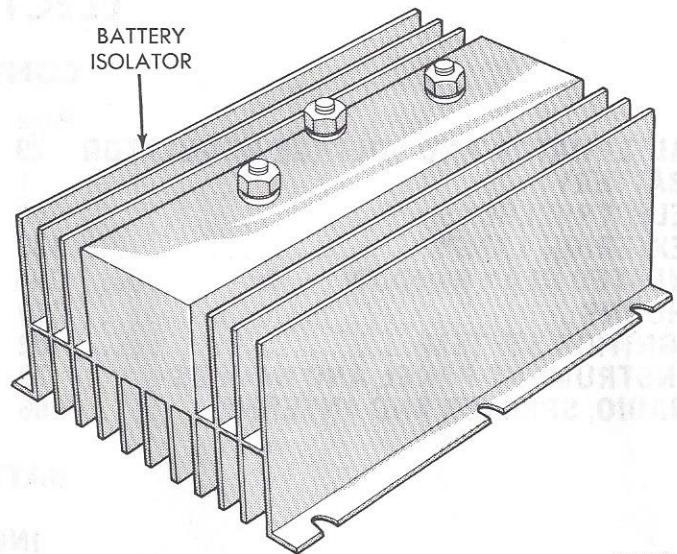


Fig. 3—Dual Battery System

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Fig. 4—Battery Isolator

free batteries connected in parallel as standard equipment.

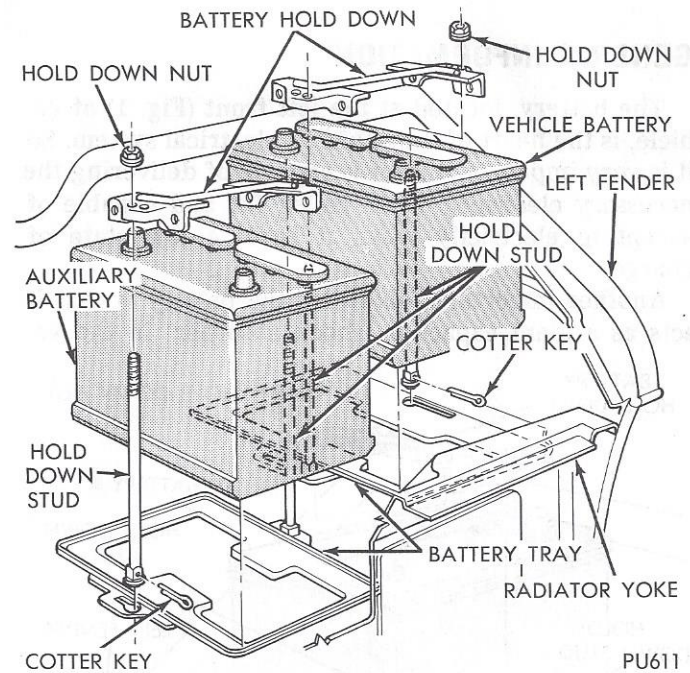


Fig. 5—Dual Battery Installation

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SERVICE PROCEDURES

BATTERY VISUAL INSPECTION

- (1) Make sure ignition switch is in **Off** position and all battery feed accessories are **Off**.
- (2) Disconnect battery cables at battery (negative first).
- (3) Remove battery hold-down clamp and remove battery from vehicle.

WARNING: CARE SHOULD BE TAKEN, IN THE EVENT BATTERY CASE IS CRACKED OR LEAKING, TO PROTECT HANDS FROM THE ELECTROLYTE. A SUITABLE PAIR OF RUBBER GLOVES (NOT THE HOUSEHOLD TYPE) SHOULD BE WORN WHEN REMOVING THE BATTERY BY HAND. IT IS RECOMMENDED THAT A BATTERY CARRYING STRAP BE