

BATTERIES

HOT WEATHER (ABOVE 90° F/DESERT OPERATION)

This abbreviated checklist is not to be used as a replacement for the -10 series Tech Manuals or any other PMCS guide

When ambient air temperature is above 90°F perform the following
DAILY INSPECTIONS: ref TACOM MAM 02-010 dtd 5 Nov 2001.

1. Flooded Lead Acid Batteries- Check fluid levels in each cell. Fluid levels should cover the internal plates by ½ inch and be at or near the indicator ring located in each cell opening. Only Unit Maintenance Personnel should add additional liquid. Use the following liquids: (a) Distilled or Battery Water, (b) Clean drinking water (Emergency only). Never use discolored or dirty liquids. DO NOT overfill cells; Remove excess liquids.
2. Confirm all caps are replaced and are finger tight. If a cap is missing use one from a discarded battery. Replace any missing caps immediately. Protect an open cell from dust and dirt by covering the top of the battery with a clean cloth rag. DO NOT push into the open cell hole. DONOT operate vehicle with missing caps.
3. DO NOT remove batteries except to clean and repair battery box area or to replace a dead battery.
4. Valve Regulated Lead Acid Batteries- trade names Hawker, Optima & Sonnenschein: DO NOT attempt to open cells and NEVER add liquid to battery cells.

WEEKLY INSPECTIONS: all Temperature conditions

1. Check for damaged (swelling or cracked) or missing batteries.
2. Damaged or Missing filler caps.
3. Broken, Split, Frayed or Missing Cables.
4. Damaged Terminal Posts.
5. Rust or corrosion (greenish/white powder).

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