

HOW TO PROPERLY MAINTAIN LEAD-ACID BATTERIES

WATERING



- Proper Water Level: Just above the inside plates
- Water Quality: Only use deionized water or water free from high impurity levels
- Weekly: Check water level after a charging cycle
- Bi-Monthly: Manually check each cell's water level & watering system functionality

EQUALIZING



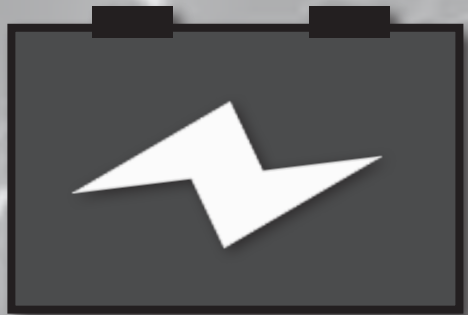
- Ensure charger is properly programmed and sized for the battery
- Every 5th charge, run a full equalizing cycle
- Batteries must rest after charge; resting period \geq charging period

TEMPERATURE



- Operating/charging temperature range: 60° - 100° F
- Delay charging if battery is outside of safe temperature range
- Do not leave batteries in cold storage area when not in use

DISCHARGING



- Batteries are designed to discharge up to 80% of total stored energy
- Irreversible damage occurs when >80% of energy is discharged
- Always recharge when low battery indicator turns on

GENERAL MAINTENANCE



- Battery tops should always be kept clean, dry and debris-free
- Every month, you should:
 - Inspect, clean & neutralize the top of the battery
 - Inspect cables and charging connectors

7 LOCATIONS TO SERVE YOU
Omaha | Kansas City | Lincoln | Fargo
Sioux City | Sioux Falls | Grand Island

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