

PROPER BATTERY MAINTENANCE

1. Batteries should be kept clean, free of dirt and corrosion. Where accessible, regularly check that the plates are covered by approximately 4mm of electrolyte. Add distilled water if necessary.
2. Ensure battery cables are intact, connectors are tight and vent caps are kept in place. Battery should be stable during vehicle operation. Regular vehicle voltage and system checks are recommended.
3. Use only Stainless Steel Nylock Nuts for attaching connectors to a threaded post. Make sure the Eyelet/connector contacts well to the lead base. Do not put washers underneath the Eyelet/connector. Tighten until the Eyelet/Connector and lead base are flat with good contact; afterwards tighten by half a turn. Do not over tighten.
4. The full performance of your deep cycle battery will not be reached until the battery is cycled several times (20-50 cycles, depending on the type). Temperature can affect the battery performance.
5. Do not discharge your battery below 11.5 volts. Excessive discharge will significantly shorten battery life and may void warranty.
6. A weak battery will cause premature failure of companion batteries. Do not put a new battery in a pack which has had at least 50 cycles. Either replace the entire lot or replace defective battery with a good used battery.
7. Extreme temperatures can substantially affect battery performance and charging. Cold reduces battery capacity and slows charging. Heat increases water usage and can cause overcharging.
8. Deep cycle batteries need to be equalized periodically. Equalizing is an extended, low current charger performed after the normal charge cycle. This helps keep all cells in balance. Actively used batteries should be equalized once a week. Manually timed charges should have the charge time extended approximately 3 hours. Automatically controlled chargers should be unplugged and reconnected after completing a charge
9. Batteries self-discharge when stored. If seasonal use is anticipated, we recommend the following:
 - a. Completely charge the battery before storage
 - b. Remove all electrical connections from the battery, including series/parallel connectors.
 - c. Store the battery in cool and dry place.
 - d. Boost every two months

10. Use a Calcium capable battery charger or Calcium setting to ensure Calcium content batteries are recharged correctly.

For more information about SuperCharge Batteries, please call 1300BATTERY