

MAINTENANCE CHECKLIST FOR VEHICLES WITH LEAD ACID BATTERIES

EVERY USE

CHECK POINTS

Check battery pack state of charge prior to use.

Verify tire pressure is correct per the information on the sidewall.

Check brake pedal operation, brake function, and parking brake function

Check accelerator pedal smoothly operates through its range and does not stick.

WEEKLY

CHECK POINTS

Check for loose battery wire connections and/or corroded terminals.

Check any accessory mounts.

Check battery water level after charging and fill with distilled water per battery manufacturer instructions (do not overfill).

20 HRS/100MI/MONTHLY

CHECK POINTS

Check for loose connections to/from motor and controller.

Check direction selection mechanism for proper function.

Verify the manual release bolts on the e-brake are in position.

Check battery terminal torque (90-110 in-lb).

Check tire and wheel lug nuts for tightness.

Clean batteries with baking soda solution (1 cup baking soda/gal of water) * Thoroughly spray area beneath the car with water after cleaning.

60 HRS/300MI/QUARTERLY

CHECK POINTS

Check suspension for loose hardware, worn bushings, excessive play, or leakage. Grease any greaseable joints.

Clean inside pedal box and check pedal operation.

Check and adjust front wheel alignment as needed.

Listen for audible click of main contractor activating and of all microswitches.

Check steering rack bellows and pinion seal for damage or leaks.

Check brake fluid levels; if below the full line, add DOT3 or DOT4 brake fluid to fill line and inspect system for leaks.

Check the brake fluid reservoir for discoloration; if it is discolored or dark in color, brake system should be flushed and bled.

240 HRS/1200MI/ANNUAL

CHECK POINTS

Re-grease front wheel bearings and verify axle nut torque.

Clean and check all wiring connections.

Check brake shoe thickness.

5 YEARS

CHECK POINTS

Replace rear axle fluid.







