



HDK ELECTRIC VEHICLES

Basic Steps For a Golf Cart Storage

HOW TO STORE A GOLF CART?

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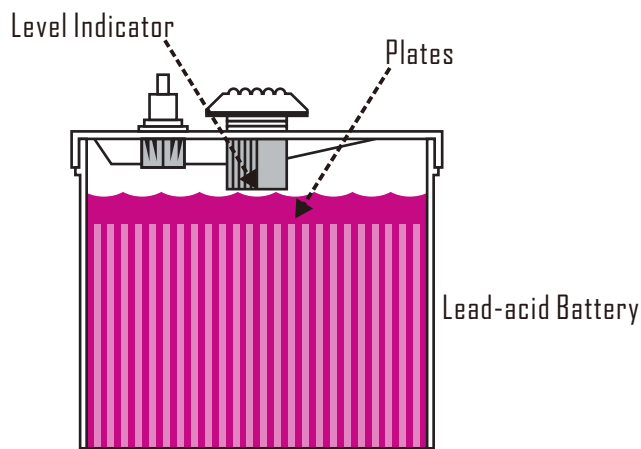
A HDK ELECTRIC VEHICLE gives you years of trouble-free service when properly maintained. Please follow the recommended long-term storage checklist. For more information on overall vehicle maintenance, consult the owner's manual.

TWO WEEKS PRIOR TO THE STORAGE

Perform the following procedure at least two weeks prior to long-term storage to ensure proper mixing of water and electrolyte. It takes approximately five charge cycles with a minimum of 10 EUs removed to properly mix the water with electrolyte. DO NOT water batteries immediately prior to storage. This will not provide sufficient charge time to mix the water with the electrolyte. Freezing can occur when batteries are stored in this condition.

- **(For Lead-acid Battery)** Make sure the vehicle is plugged in and that the proper electrolyte level is maintained throughout the entire storage period. Perform the following procedure at least two weeks prior to long-term storage to ensure proper mixing of water and electrolyte. It takes approximately five charge cycles with a minimum of 10 Eus removed to properly mix the water with electrolyte. DO NOT water batteries immediately prior to storage. This will not provide sufficient charge time to mix the water with the electrolyte. Freezing can occur when batteries are stored in this condition.

Check the water levels in each battery cell. If water is required, fill the cells to cover the plates, charge the set and use distilled water to top off each cell. Electrolyte levels should be from 1/2-inch (13 mm) above plates to 1/4-inch (6 mm) below the level indicator. (See illustration.)



- **(For Lithium Battery)** Make sure the vehicle battery is plugged in for charging throughout the entire storage period.

JOBS TO BE DONE PRIOR TO THE STORAGE

- > Put golf cart under shelter, keep the golf cart in dry and ventilated space. Optimal temperature 14°F to 95°F (-10°C to 35°C). Maximum storage temperature should not be higher than 122°F (50°C).
- > Turn the key switch to the OFF position, remove the key and leave the forward/reverse switch in the NEUTRAL position during storage.
- > Power down all accessories.
- > Clean the battery packs, tops and terminals using a battery acid neutralizer (1 cup baking soda per 1 gallon water). Check, clean and treat battery terminal connections with a battery terminal protector spray.
- > If your vehicle is equipped with a Single Point Watering System (for golf carts with lead-acid battery), place the fill tube on top of the battery. This allows any water in the tube to drain back into the batteries.
- > Disconnect batteries per owner manual ensuring that the cables do not come into contact with a terminal (Disconnect the 48V Main power outlet cables from battery pack, insulate the cable).
- > Connect Battery cables back to system, charge the battery to full state every 1-3 months to keep battery alive without damages caused by self discharge/over-discharge; etc.
- > Check Tire pressure and inflate the tires to standard pressure level as values presented on tires.
- > Perform all semi-Annual Lubrications.
- > Thoroughly clean the front and rear body, seats, battery compartment and underside of the vehicle.
- > DO NOT engage the park brakes, but secure the golf cart from rolling. Check the wheels with wheel stopper or something similar.

WARNING

INCORRECT STORAGE CAN CAUSE BATTERY DAMAGE, PERMANENT LOSS OF BATTERY CAPACITY, OR CAUSE THE BATTERY TO BE UNSERVICEABLE. A FULLY DISCHARGED BATTERY PUT IN STORAGE WILL MAKE THE BATTERY PERMANENTLY UNSERVICEABLE. PUT THE BATTERY ON CHARGE DURING EXTENDED STORAGE. DO NOT EXCEED THE STORAGE TEMPERATURE LIMITS. DO NOT PUT A FULLY DISCHARGED BATTERY IN STORAGE. INCORRECT STORAGE WILL VOID THE BATTERY WARRANTY.

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