

Assessing a Flooded Club Car Vehicle

Club Car vehicles are not designed to be submerged under water. If the vehicle becomes submerged, the following must be considered:



Submerged components can become damaged resulting in explosions, personal injury or death. If a component is damaged, it must be repaired or replaced before use.

Electrical:

Most electrical components are not rated for submersion under water. Any electrical component that was submerged may have internal damage from corrosion, chemical attack or electrical short. These components include:

- Controllers
 - DC Drive – Controller
 - AC Drive - Motor Controller Unit MCU
- Motors
- Wire harness
- Solenoids
- Switches (key switch, F&R rocker switch, etc.)
- Lithium Batteries
- Vehicle Control Module (VCM)
- Visage/Club Car Connect

Internal damage from water is not always obvious or immediate on electrical components. **Therefore, any electrical component that has been submerged should be replaced.**

Batteries:

- Flood Lead Acid (FLA) Batteries:
 - Batteries used in Club Car products are open to the atmosphere through their venting systems.
 - If submerged, the battery venting system may not function, and contamination may negatively impact battery performance and life.
- FLA and Lithium batteries which have been flooded/submerged can cause damage including leaks and explosion. If a battery is submerged, replace the battery before charging or use.

Mechanical:

Several mechanical systems rely on lubrication for proper operation. Water penetration or submersion can cause the lubricant to lose its effectiveness.

- Brake systems
 - The brake pads should be inspected and replaced if damaged
 - The brake cluster mechanisms must be thoroughly cleaned and re-lubricated
- Engine
 - Engine should be thoroughly cleaned
 - Engine oil should be changed immediately before attempting to run the engine
 - Fuel system should be inspected and purged if any water or contaminants are present
- Rear differential/transaxle
 - must be flushed and filled with fresh oil



- Steering components, including the steering column, u-joints, ball joints, bushings and bearings must be inspected and re-lubricated
- All lubrication points identified in the Owner's Manual must be re-lubricated

Cosmetic:

Chemicals and salts in water can deteriorate finish components. The following items should be inspected, cleaned and replaced as necessary:

- Finish hardware
- Seats
 - Inspect seat foam for water absorption
- Wheels
- Plastics

Warranty Impact:

Any damage from the flood event would not be covered under warranty being recognized as an "Act of God" in the exclusion paragraph of the warranty policy.

In summary, submersion of Club Car vehicles can lead to damage. A vehicle that has been submerged must be properly inspected and repaired before use. In some cases, vehicle replacement is recommended. Contact your local Authorized Club Car dealer for assistance.

