

## TROUBLESHOOTING GUIDE

### Cart is Unable to Complete 18 Holes

**Problem:** Cart starts to loose power and cannot make it through the entire 18 holes. The Red 0 to1 hole battery light on the Electronics Module is lit up.

**Possible Causes:** The usual cause is the main Battery going bad. The main Battery lasts an average of one to three years depending on many factors such as, amount of use, type of course, storage and charging. To check your battery, before you play, charge it for at least twelve hours. Then disconnect the battery and let it sit for for a minimum of two hours. Check the battery voltage using a Digital Volt Meter. If one of these is not available to you, any auto parts store will perform this test for free. Have them check the voltage only, do not have it load tested. 12 volt batteries should check out at 13.0 volts or higher. 24 volt battery packs should check out at 26.0 volts or higher. If you get lower readings then this it could indicate either a low battery or a faulty charger. Contact Customer Service if you have any questions. If you determine your battery is bad you may reorder new ones through J-TECH. However, if you decide to purchase your own battery, make sure that for 12 volt carts that the battery is at least a 33 amp hour GEL or ABSORBED LIQUID battery. Many carts have been damaged by customers putting sealed liquid batteries on their carts. These batteries were not designed to be laid on their sides because the acid tends to leak out causing major cart damage. For 24 volt carts the batteries need to be replaced as a pair using at least 18 amp hour batteries. See instructions for battery replacement/24 volt Battery Pack.

If your battery and charger check out OK, other causes could be a faulty component draining the battery, such as the Motor or Steering Solenoid, a front wheel or wheels that are not spinning freely, or something in the drive case that is not running properly. Check that the front wheels are spinning freely, if they are not, look under Tire Replacement/Front. To inspect the drive system, remove the nine (9) Phillips screws and remove the outer drive case cover. On the left side of the drive case is the large black Final Drive Pulley. The pulley is connected to the rear axle by a shear pin that goes through the axle and fits into a slot in the backside of the final drive pulley. Hold on to the final drive pulley with one hand while trying to turn the drive wheel with your other hand. The final drive pulley and the drive wheel should be locked together. If you can turn the final drive pulley while holding the drive wheel still, this indicates that the shear pin is broken. See instructions for Shear Pin Replacement.

Check the inside of the outer drive case cover. Look for any marks that would indicate that a pulley(s) and/or belt(s) have been rubbing against the case. If rubbing marks are evident contact Customer Service. If there are no marks, block up the cart so that the drive wheel is off of the work surface. Attach your battery and turn on the cart. Run the Motor up and down through the speed range, checking that the belts are running on the pulleys properly. If everything checks out good, reinstall the outer drive case cover.

\*Contact Customer Service if you have any Questions\*