

Overview

Club Car uses an On Board Computer (or OBC) to monitor and control various functions of their carts. It functions as a Go/No Go control for the charging and drive systems. If the OBC detects a problem in either the charging or drive system, it will shut that feature off. When the fault clears, the OBC is supposed to re-enable that system.

Sometimes, the OBC will not clear a fault. When this happens, it can cause the Alltrax controller to not power up or the solenoid will not engage. The act of removing the controller from the cart will cause a soft reset of the OBC when the battery power is removed. With the battery power removed, the internal capacitors discharge and clear any faults. When the new controller is installed, everything works fine and the controller is considered bad, even though the problem was in the OBC.

It is possible to manually reset the OBC to verify that it is not the problem. In any situation where the controller did not obviously fail, but it just stopped the OBC needs to be reset first. The reset process is easy to do, but can take a fair amount of time.

Resetting the OBC

To reset the OBC the following must be done in this order:

- Key Switch to Off
- Forward/Reverse to Neutral
- Tow/Run Switch to Tow
- Disconnect the Battery NEGATIVE (-) wire from the Battery Minus terminal on the battery pack.

- Put the Tow/Run to Run
- Forward/Reverse Switch to Reverse
- Key Switch to On
- Lock the throttle pedal down

The reverse buzzer will sound and go off in about 30 seconds. Leave the cart like that for 5 min to cause the OBC to reset.

To reconnect the OBC back into the system:

- Key Switch to Off
- Forward/Reverse Switch to Neutral
- Tow/Run switch to Tow
- Reconnect the Batt – wire to the battery minus terminal on the battery pack.

Once the OBC has been reset, the cart can be troubleshot. There is always a chance the OBC has completely failed and the reset process will not fix the problem. Consult your Club Car manuals or contact Alltrax for more troubleshooting of vehicles with an OBC.

Any questions? Please contact Alltrax Technical Support Hotline or send email to info@alltraxinc.com

ALLTRAX Inc., Company History:

The company founder developed our core technology at the race track for high power electric vehicles. Throughout the 90's, the market demanded robust and high performance electronic controllers. In 2001 ALLTRAX was formed based on the E-race car developed technology.

Today, Power Conversion Engineering (PCE) is the research and development arm of ALLTRAX and provides the industry a powerful and robust controller to meet all your recreational, industrial, and commercial electrical vehicle needs.

For more information please go to <http://www.alltraxinc.com>



"The company was founded at the track"