

Club Car 48V  
Power Drive  
Plus (Regen II)  
to Navitas 5kW  
AC Conversion



**FLIGHT SYSTEMS  
INDUSTRIAL PRODUCTS**

## Kit Contents

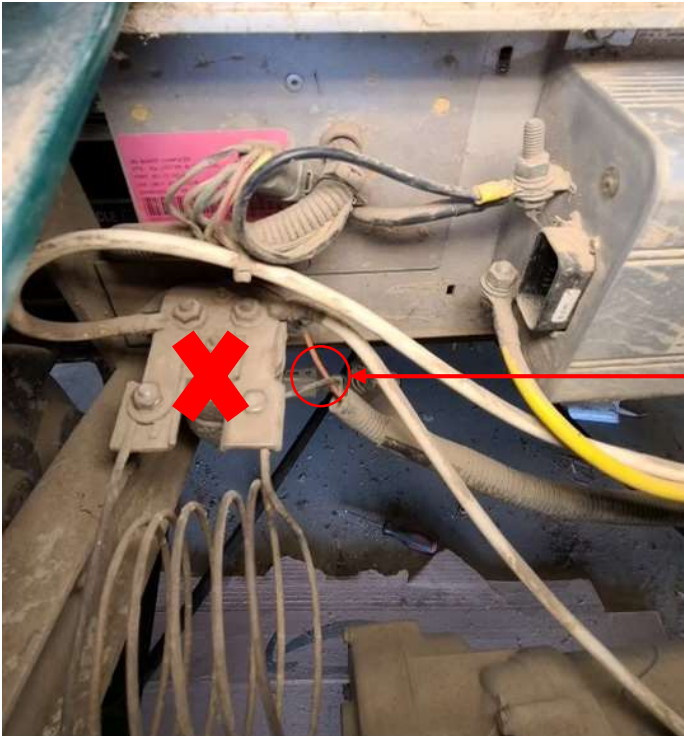
Qty	Description	FSIP Part Number
1	Navitas 5kW Tac2 Kit	222-48VCCTAC2-5
1	On Board Computer Adapter	51-CC-PDP
1	Adapter Harness	64-CCRG2TOIQWH



## Work Instructions

### REMOVAL:

- 1) Safely jack up the rear end of cart making sure that both wheels are off the ground, and cart is supported by two jack stands.
- 2) Place the Key switch and the Run/Tow switch in the OFF position.
- 3) Disconnect the battery positive and negative wires from battery pack.
- 4) Regen contactor/resistive coil will no longer be used. Snip Orange/White and Brown wire close to regen contactor and cover wire ends with heat shrink to ensure they do not contact anything. Then remove and discard regen contactor.



- 5) Remove all cable connections/harness/mounting bolts from motor controller and remove.
- 6) Remove stock motor and retain the fastening bolts.

## Work Instructions

### INSTALLATION:

- 1) Install the new Navitas TAC2 controller in place of stock controller. Ensure use of thermal compound under controller in order to aid heat transfer to heatsink.
- 2) Install new 5kW motor in place of stock motor, using original fasteners.
- 3) Connect high current wires: Solenoid to controller B+, Motor UVW to controller UVW, Battery negative to B-.
- 4) Locate and disconnect the Onboard Computer Harness. (fig. 1)
- 5) Connect the supplied Onboard Computer adapter harness pn. 51-CC-PDP (fig. 2)

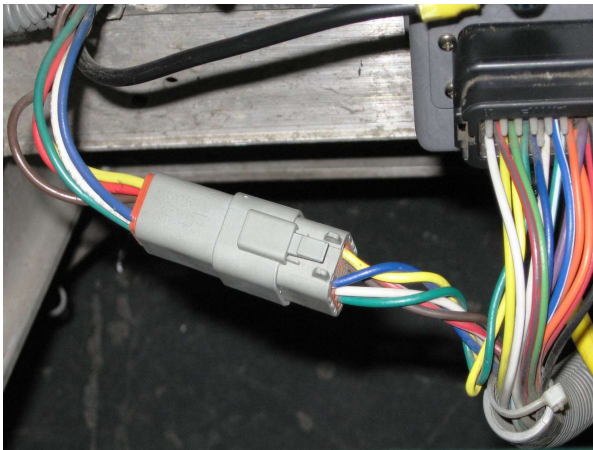


Figure 1

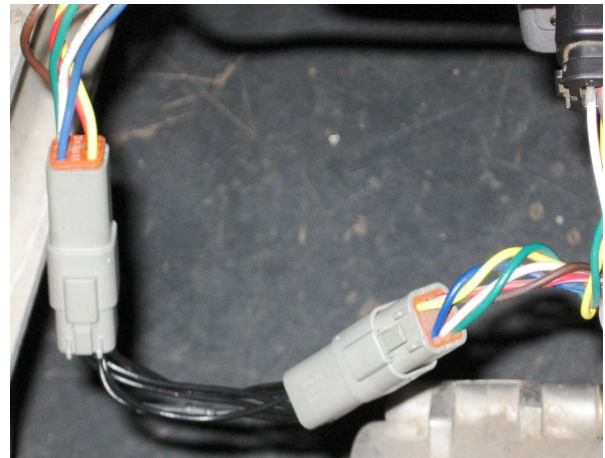


Figure 2

- 6) Connect the supplied adapter harness pn. 64-CCRG2TOIQWH to cart logic harness.
- 7) Connect adapter harness to TAC2 controller logic input connector.
- 8) Connect on-the-fly programmer to TAC2 controller, and route to a convenient dash location.

## Work Instructions

### INSTALLATION CONT'D:

- 9) Reconnect battery negative and positive cables.
- 10) Turn Tow/Run switch to Run, and key switch to ON position.
- 11) Open Navitas app on iPhone/Android and connect to controller.
- 12) Install the latest Club Car 5kW firmware.
- 13) Navigate to Settings tab and scroll to bottom of screen, hit SAVE.
- 14) Recycle key switch and **perform function testing while both wheels are off ground.**

**If any issues are encountered, please call our technical support hotline  
at 717-257-3747 x3**

