



## Checking for Power to the Visage Display Unit

2010-16' Club Car Precedent Excel 48V Electric



## Overview

This document starts off under the assumption that it has been verified the power switch is in the “ON” position and that the car has been tested with a known good VDU. If these items have been checked and the VDU will not power on, follow the steps outlined in this document to diagnose the failure point.

1. Remove VDU and check for power at the Molex connector.
2. Verify power is present at the Deutsch connector under the passenger side cup holder / dash.
3. Replace Motor Controller accessory fuse located behind the rear access panel.

An in-depth video tutorial is available at [Visagehelp.com](http://Visagehelp.com) and can be viewed by clicking [here](#).



## STEP 1

### Check for proper voltage readings at Molex connector:

The Molex connector plugs into the back of the VDU and will either be an 8-pin direct connection, or connect via an 8 to 10-pin adapter.



1. Use a number 2 or 3 Phillips hand driven screwdriver to remove the VDU from the console and expose the Molex connector.
2. Check for 48V at the Molex connector. Voltage may vary a couple volts in either direction depending on battery charge level.
  - For an 8-Pin connection, test Pin-1 for 48V.
  - For a VDU requiring the 8 to 10-pin adapter, check pin-1 on both the 8-pin and 10-pin Molex to rule out an adapter failure.



## STEP 2

### Check for proper voltage readings at Deutsch connector:

The 4-Pin Deutsch connector connects to the strut harness and is located under the passenger side cup holder behind the dash.



1. Pull the floor liner back on the passenger side and carefully pull down the harness that connects the passenger strut wiring to the motor controller.
2. Separate the harness and check the female end (motor controller side) for 48V at pin-2.

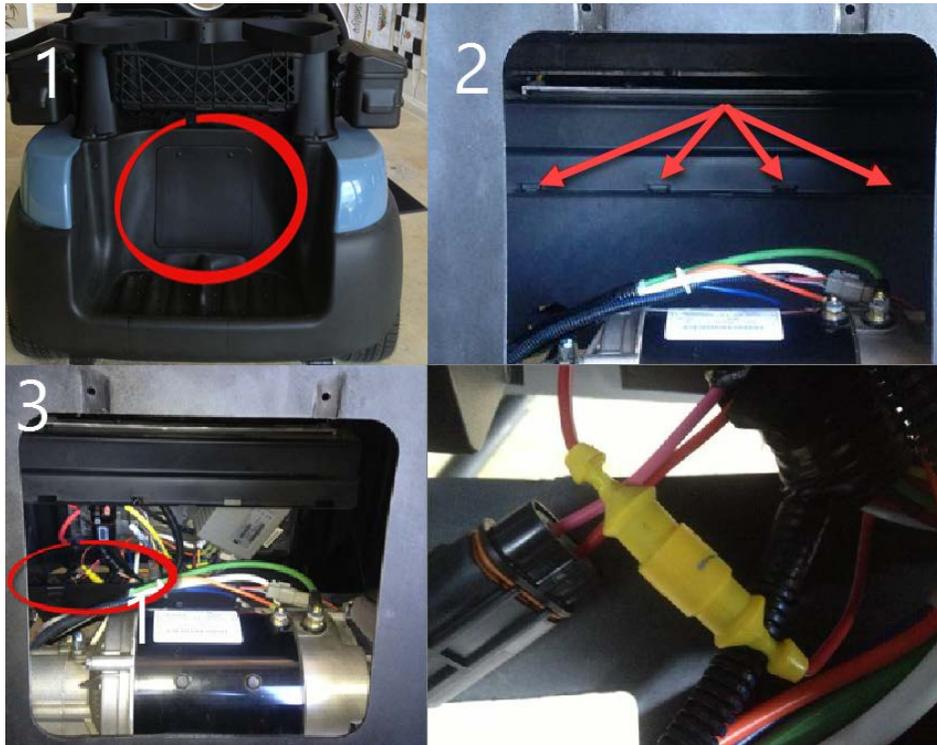


## STEP 3

### Replace Motor Controller accessory fuse:

Power to the Deutsch connector and subsequently the VDU is obtained from the Motor Controller accessory circuit and is protected by an in-line 2-amp ceramic fuse. If no power is present at the Deutsch connector the fuse should be replaced.

 **Disconnect batteries & allow 90 seconds for the capacitors to discharge prior to the following steps!**



1. Remove the access cover located at the rear of the car.
2. Remove the rain shield by pressing in the top 4 clips which will allow it to drop down.
3. Locate the yellow in-line fuse holder and replace the fuse with Club Car PN:103924801.
4. Reconnect batteries.

