

# D&D Motor Systems, Inc.

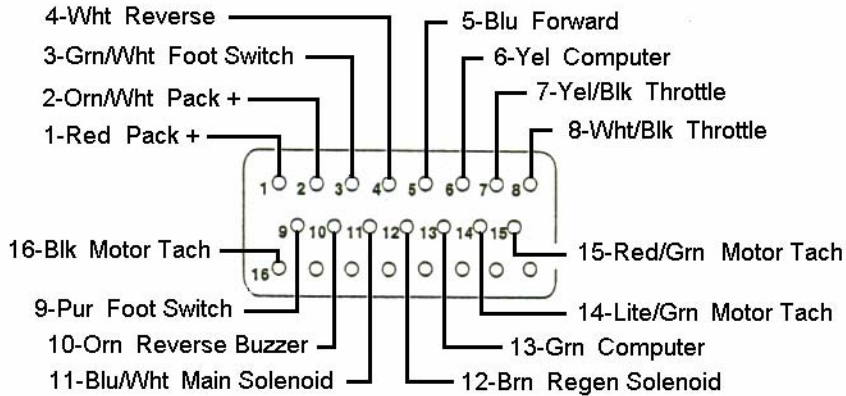
## **Club Car PD Plus Adapter installation**

The following steps describe the installation of the D&D Motor Systems, Inc. Regen controller in a Club Car golf car. Refer to the Club Car schematic and the pictures supplied with these instructions during installation.

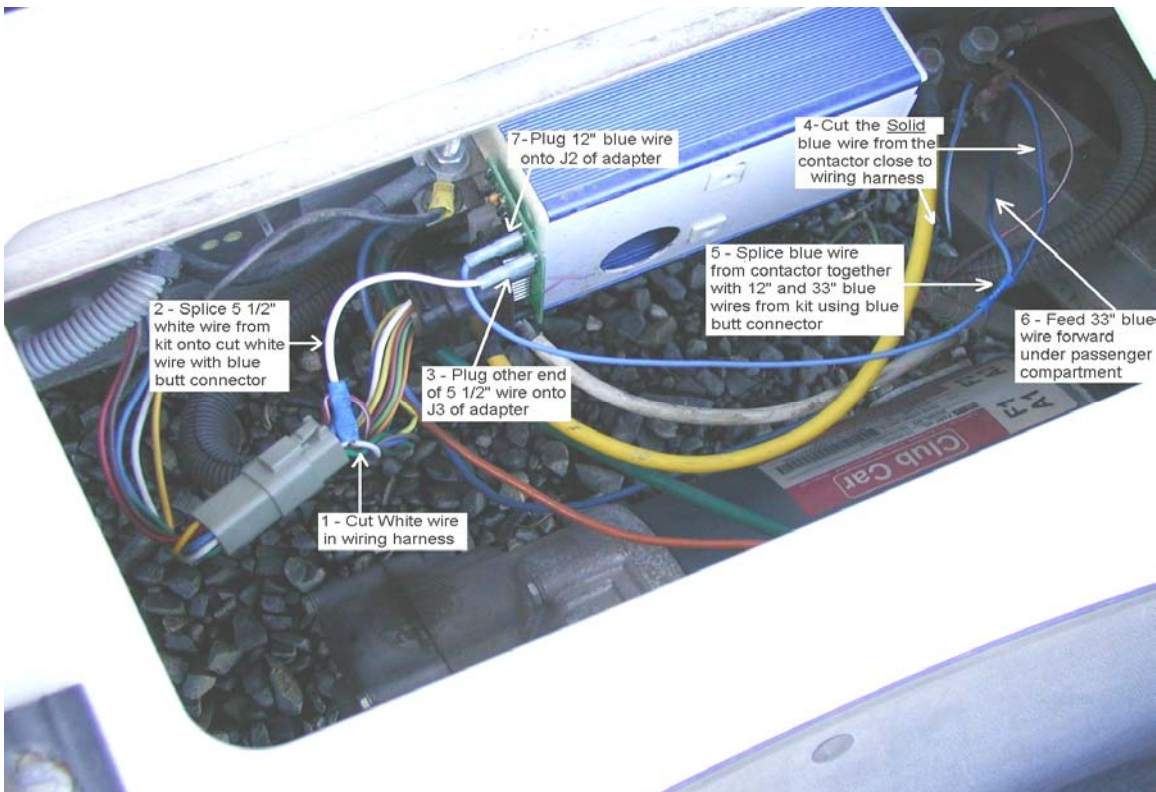
### **STUDY THE ATTACHED PICTURES BEFORE STARTING THE INSTALLATION !**

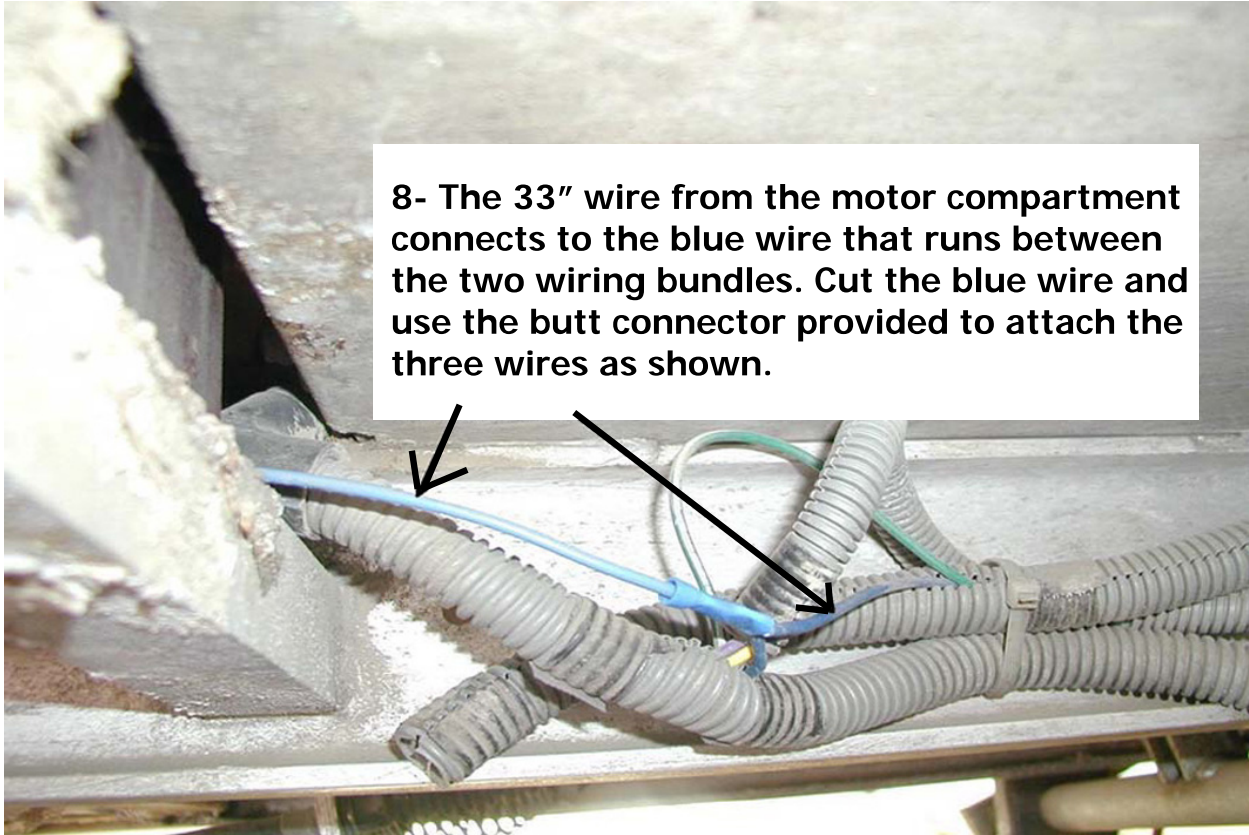
- 1- Cut white wire in wiring harness leaving enough on both ends to connect with butt connector.
- 2- Splice the 5 ½" white wire from the kit onto the two ends of the white wire that was cut.
- 3- Connect opposite end of 5 ½" wire to J3 on the adaptor.
- 4- Cut Solid blue wire coming from contactor close to the wiring harness.
- 5- Splice together the blue wire from the contactor, the 12" and 33" blue wire from the adaptor kit using the butt-connector.
- 6- Feed the other end of the 33" wire under the passenger compartment.
- 7- Plug the other end of the 12" wire onto J2 of the adaptor.
- 8- Cut the blue wire that feeds between the two wire bundles and splice the two ends onto the 33" wire coming from the motor compartment using the butt connector supplied.
- 9- Attach motor's A1 terminal (green wire) to controller's M- bus bar.
- 10- Attach motor's A2 terminal (white wire) to controller's A+ bus bar. On "Powerdrive Plus" model cars the regen solenoid should be removed. It's not used with D&D controllers. Also tape up two wires that control the solenoid.

- 11- Connect controller's F1 lug to motor's F1 terminal with orange cabled supplied in kit. Connect controller's F2 lug to motor's F2 terminal using blue wire from kit.
- 12- Plug black control plug into the controller adaptor.
- 13- Reconnect the batteries.



**NOTE: If you get a HPD error (three red blinks) make sure the Throttle Micro Switch is being activated BEFORE the throttle signal changes.**





**D&D Motor Systems, Inc.**

215 Park Avenue

Syracuse, NY 13204

315-701-0635

315-701-0859 Fax

[www.ddmotorsystems.com](http://www.ddmotorsystems.com)