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.
8- The 33” wire from the motor compartment connects to the blue wire that runs between the two wiring bundles. Cut the blue wire and use the butt connector provided to attach the three wires as shown.