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WIRING SCHEMATICS

CLUB CAR DS GOLF CAR

REVISION: F

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COMPONENTS:

- MAIN CONTACTOR (NOTE *4)
- TO BRAKE LIGHTS
- BRAKE LIGHT RELAY
- BACK UP BUZZER
- THROTTLE MODULE
- DISPLAY
- MOTOR
- MOTOR ENCODER
- MOTOR TEMP SENSOR (NOTE *7)
- KEY SWITCH
- MAIN BATTERY PACK
- 1234 / 1236 / 1238 CONTROLLER

WIRING:

- 12V POWER CNTRL: RED / BLUE 18 AWG
- 5V POWER CNTRL: RED / WHITE 18 AWG
- TX SERIAL: GREY / BLUE 18 AWG
- RX SERIAL: GREEN / WHITE 18 AWG
- ENCODER PHASE A: TAN / BLACK 18 AWG
- ENCODER PHASE B: TAN 18 AWG
- REVERSE: YELLOW 18 AWG
- BLACK / BLUE 18 AWG
- RED / WHITE 18 AWG
- BLACK BLUE 18 AWG
- TAN 18 AWG
- TAN / BLACK 18 AWG
- BLACK / BLUE 18 AWG
- YELLOW / BLACK 18 AWG
- RED / WHITE 22 AWG
- BLACK / BLUE 22 AWG
- TAN 22 AWG
- TAN / BLACK 22 AWG
- BLACK 22 AWG
- PURPLE 22 AWG

NOTES:

- (*1) DELETED NOTE
- (*2) NORMALLY CLOSED SWITCH. OPEN FOR PARK. IF SWITCH NOT USED, RED / YELLOW WIRE IS CONNECTED TO BLUE.
- (*3) MENU BUTTON IS OPTIONAL USE WITH DISPLAY. NORMALLY OPEN; MOMENTARY
- (*4) REMOVE ANY DIODES OR RESISTOR FROM MAIN CONTACTOR.
- (*5) USE 400A FUSE IN 650 SYSTEM. USE 300A FUSE IN 350 SYSTEM.
- (*6) NORMALLY CLOSED. CONTACTS MUST BE CLOSED WHEN BRAKE PEDAL IS PRESSED; OPEN WHEN BRAKE PEDAL IS NOT PRESSED.
- (*7) MOTOR TEMP SENSOR NOT USED FOR GOLF CART APPLICATION.
- (*8) SPLICE S4 TO BE PERFORMED BY THE END USER.

CAD TYPE	APPLICABLE SOFTWARE
VISIO	DRAWING 1010-CLUBCAR-001
UNIT NONE	TITLE
DRW SIZE A	CLUB CAR DS SCHEMATIC
DATE 12/29/10	
SUPPLIER PART	HW-2010-HPG
SCALE 1:1	SHEET 1 OF 1
REVISION F	HPEVS