

1551 S. Vineyard Avenue Ontario, CA 91761 (909) 923-1973

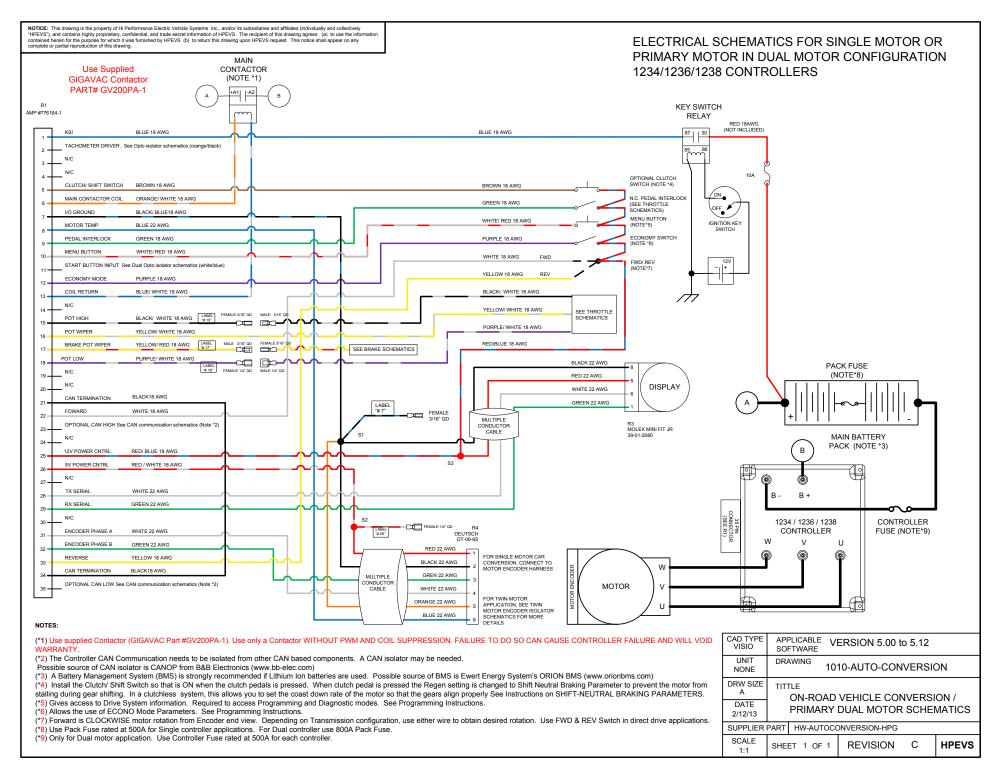
# **WIRING SCHEMATICS**

# ON-ROAD VEHICLE CONVERSION SINGLE AND DUAL MOTOR APPLICATION

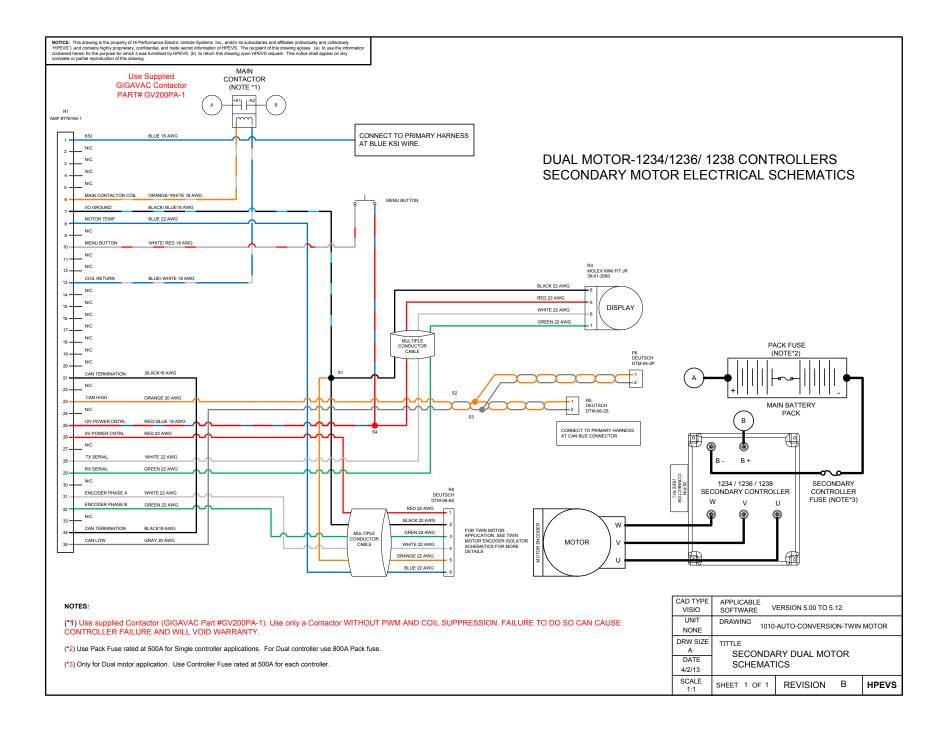
FOR SOFTWARE VERSIONS 5.00 TO 5.12

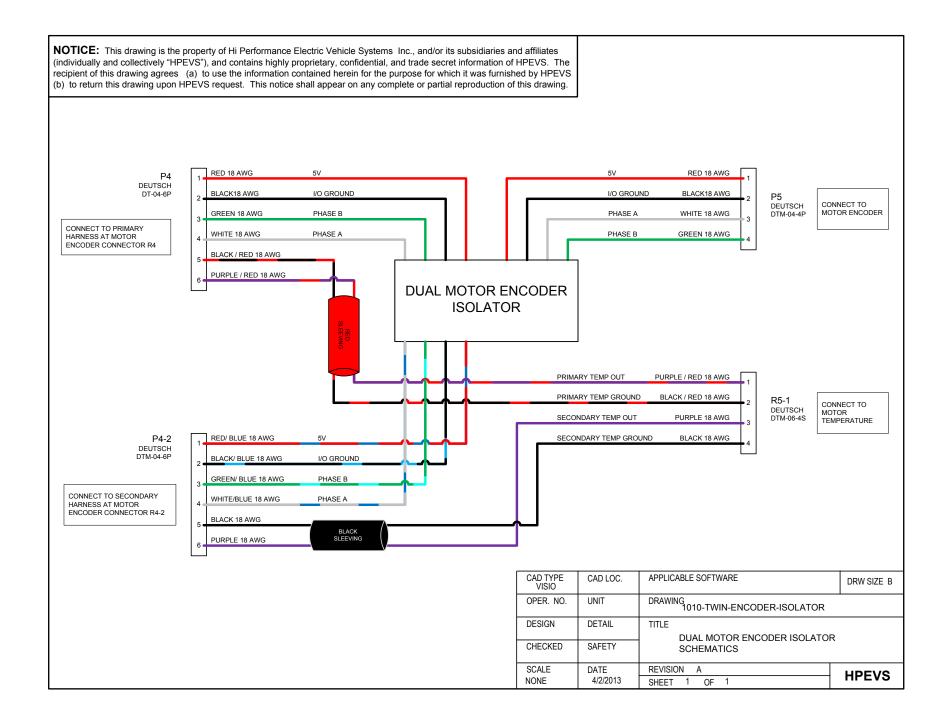
FOR CURTIS CONTROLLERS 1234/1236/1238

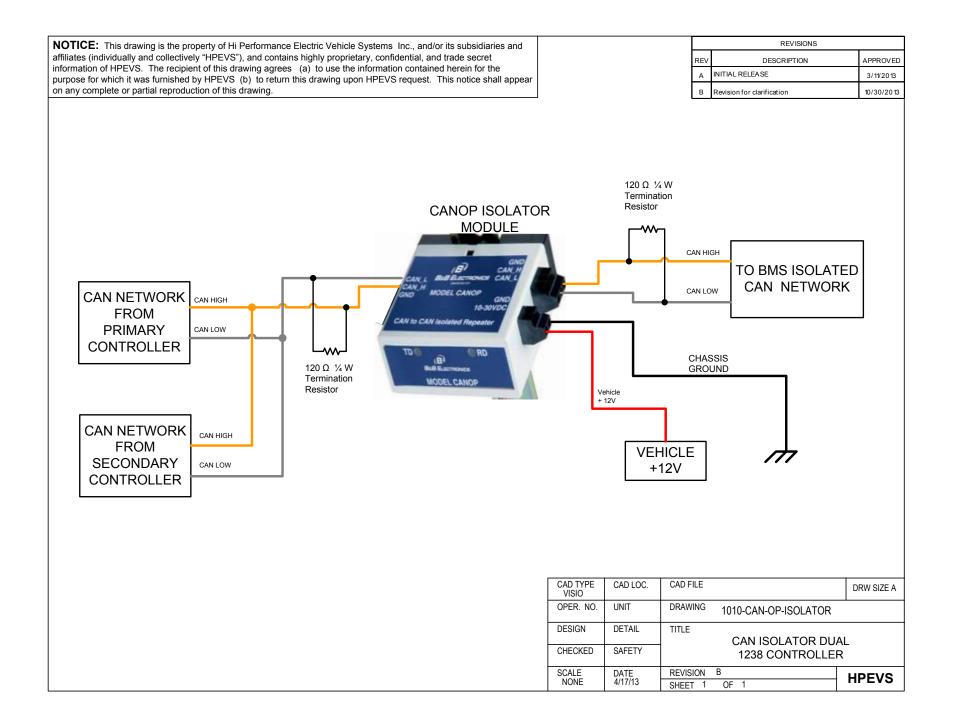
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Page 2



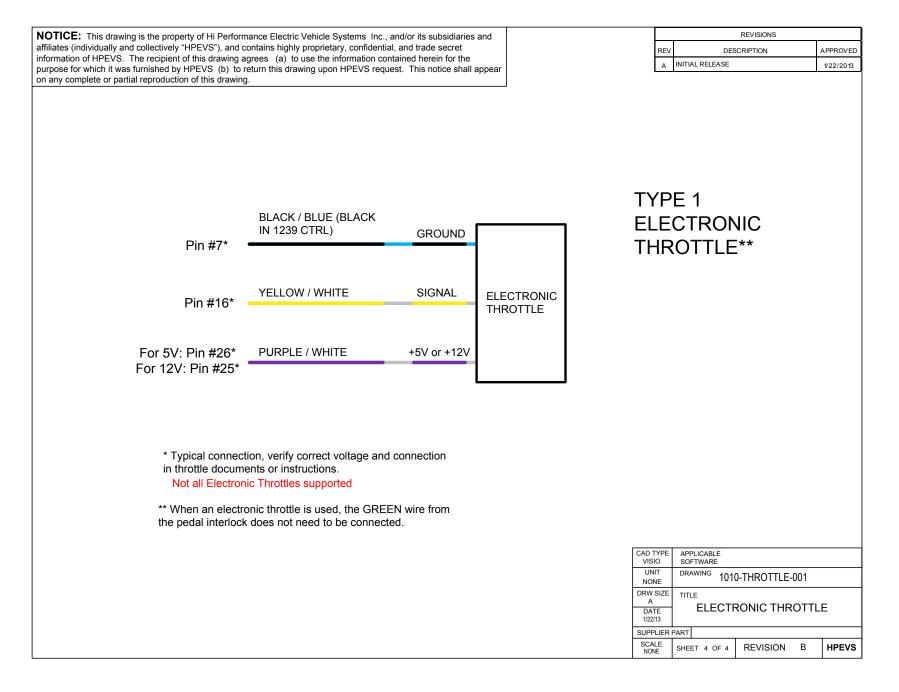


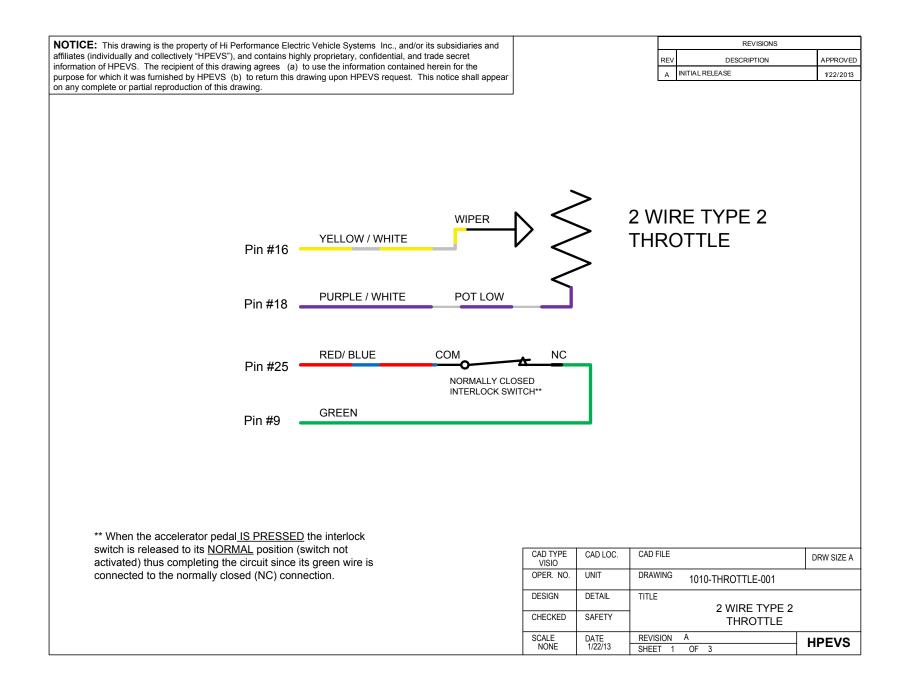


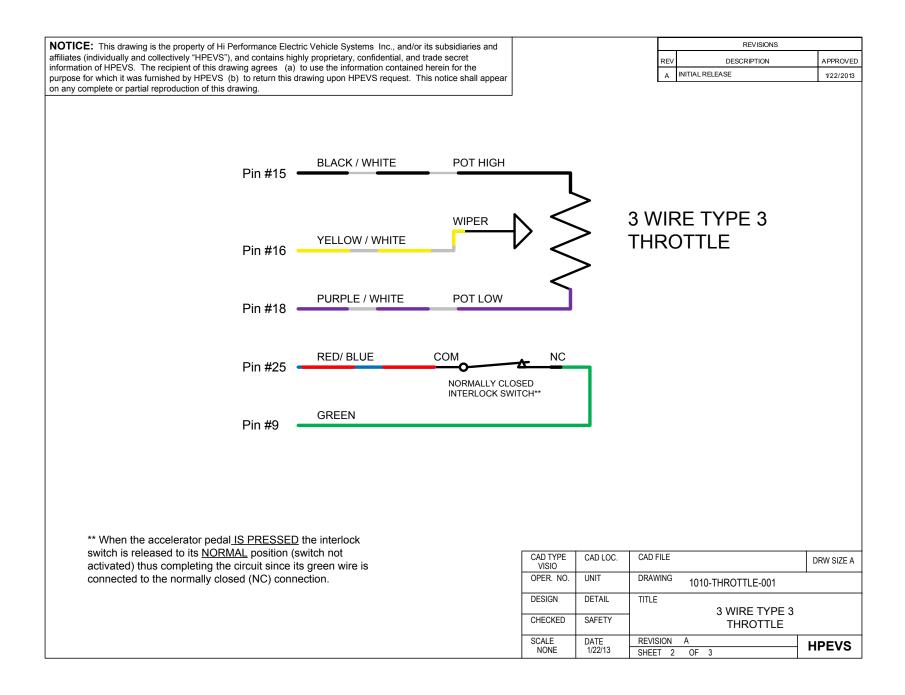
## THROTTLE CONFIGURATION

Depending on the type of throttle used for the application, the different types of throttle configurations are listed in the table below. Electrical schematics are also included in the following pages.

THROTTLE CONFIGURATION	ТҮРЕ
ELECTRONIC without SWITCH	TYPE 1
2 WIRE with SWITCH 0-5k $\Omega$	TYPE 2
3 WIRE with SWITCH 0-5k $\Omega$	TYPE 3
CURTIS PB8 THROTTLE ASSEMBLY	TYPE 3





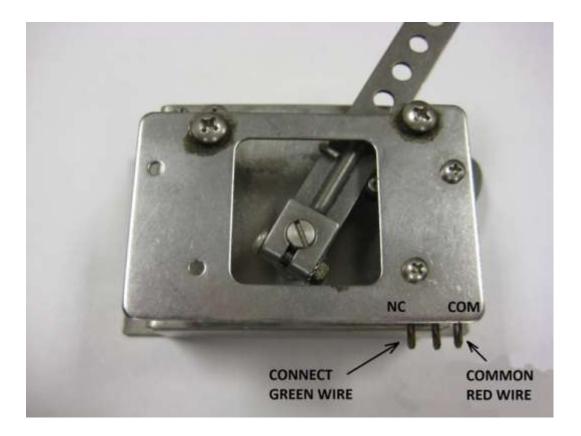


REVISIONS NOTICE: This drawing is the property of Hi Performance Electric Vehicle Systems Inc., and/or its subsidiaries and affiliates (individually and collectively "HPEVS"), and contains highly proprietary, confidential, and trade secret APPROVED REV DESCRIPTION information of HPEVS. The recipient of this drawing agrees (a) to use the information contained herein for the INITIAL RELEASE 11/27/2013 purpose for which it was furnished by HPEVS (b) to return this drawing upon HPEVS request. This notice shall appear on any complete or partial reproduction of this drawing. THROTTLE ASSEMBLY BLACK / WHITE POT HIGH RED Pin #15 **CURTIS PB8** THROTTLE WIPER BLACK YELLOW / WHITE ASSEMBLY Pin #16 PURPLE / WHITE POT LOW WHITE Pin #18 RED/ BLUE COM NC Pin #25 NORMALLY CLOSED INTERLOCK SWITCH\*\* GREEN Pin #9 \*\* When the accelerator pedal <u>IS PRESSED</u> the interlock switch is released to its NORMAL position (switch not APPLICABLE SOFTWARE CAD TYPE activated) thus completing the circuit since its green wire is VISIO connected to the normally closed (NC) connection. UNIT DRAWING 1010-THROTTLE-001 NONE DRW SIZE TITLE CURTIS PB8 Α DATE THROTTLE ASSEMBLY 1/22/13 SUPPLIER PART SCALE NONE SHEET 3 OF 4 REVISION A HPEVS

### PEDAL INTERLOCK CONNECTION

The pedal interlock connection is required for both 2 and 3 wire throttle pot assemblies. The Green wire is connected to the Normally Closed tab. The red/blue wire is connected to the common tab. See picture below.

NOTE: when the accelerator pedal <u>IS PRESSED</u> the interlock switch is released to its <u>NORMAL</u> position (switch not activated) thus completing the circuit since its green wire is connected to the normally closed (NC) connection.



### BRAKE INPUT CONFIGURATION

Depending on the type of brake input used for the application, the different types of brake input configurations are listed in the table below. Electrical schematics are also included in the following pages.

BRAKE INPUT CONFIGURATION	ТҮРЕ
PRESSURE TRANSDUCER/ ELECTRONIC 0-5V INPUT	TYPE 1
2 WIRE 0-5k $\Omega$	TYPE 2

