

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

## **WIRING SCHEMATICS**

# FOR SOFTWARE VERSIONS 5.13 AND HIGHER

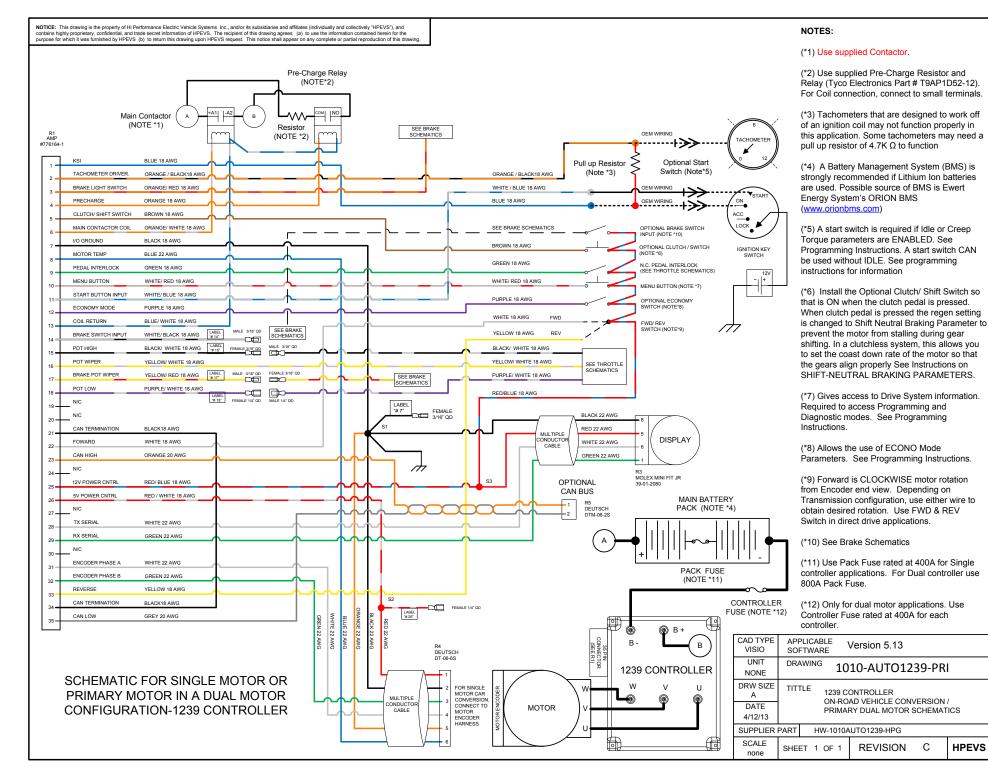
### FOR CURTIS 1239 CONTROLLER

### **ON-ROAD VEHICLE CONVERSION**

# FOR SINGLE AND WITH DUAL MOTOR

### **APPLICATIONS**

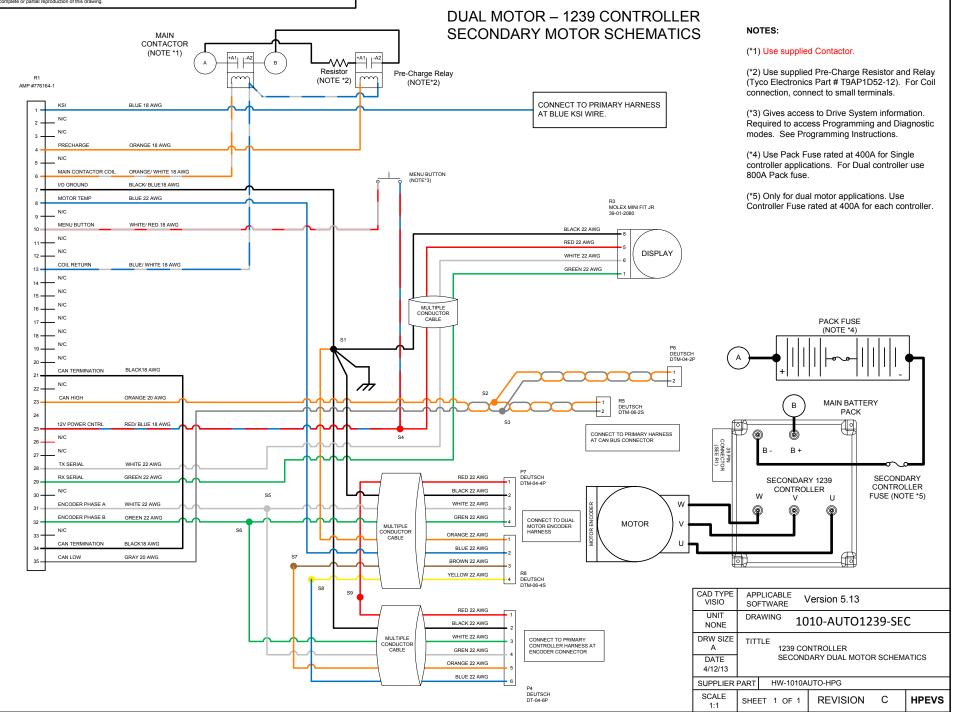
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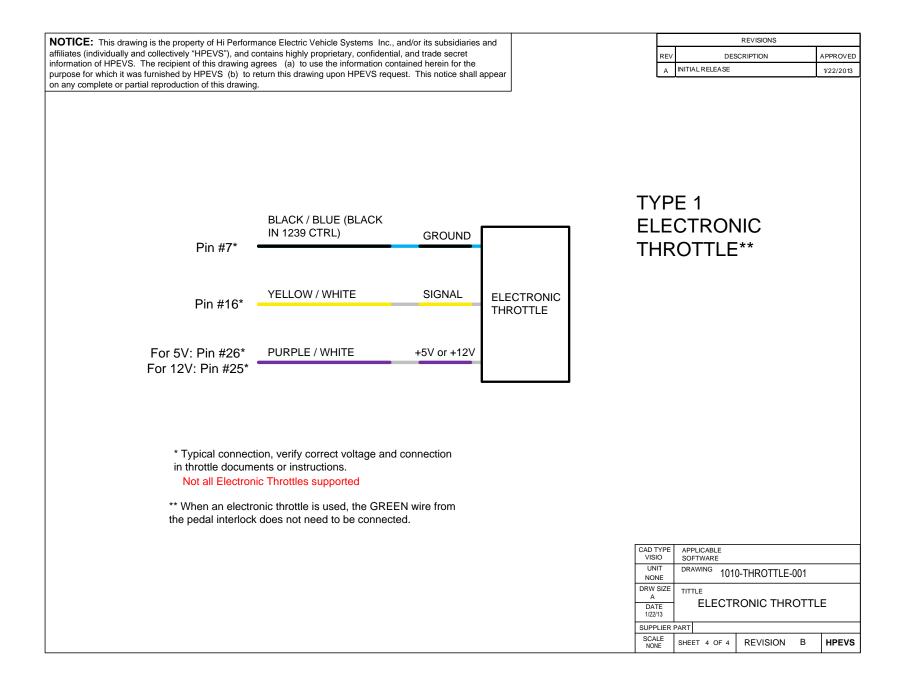
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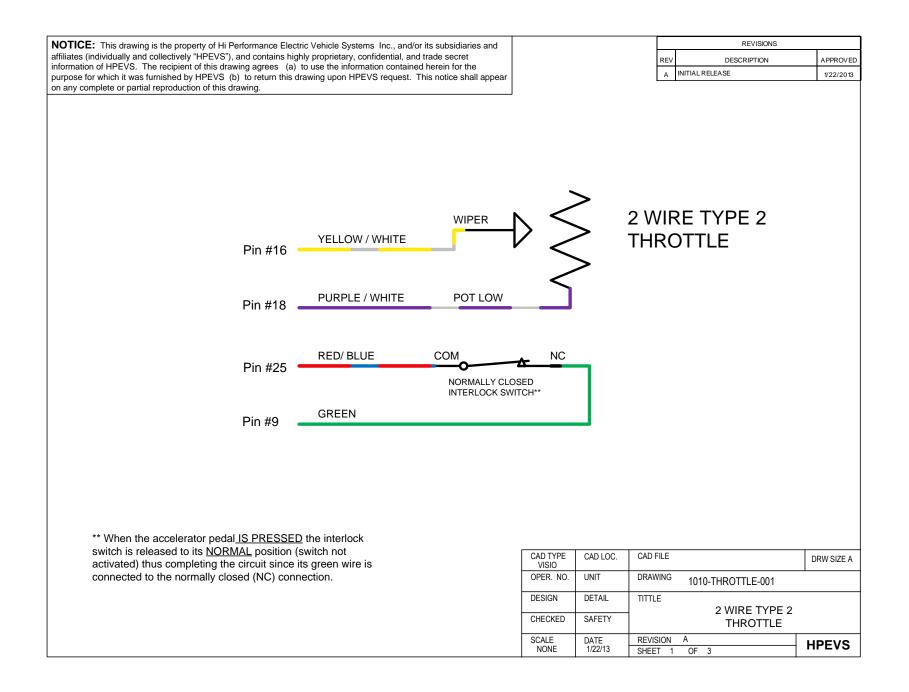


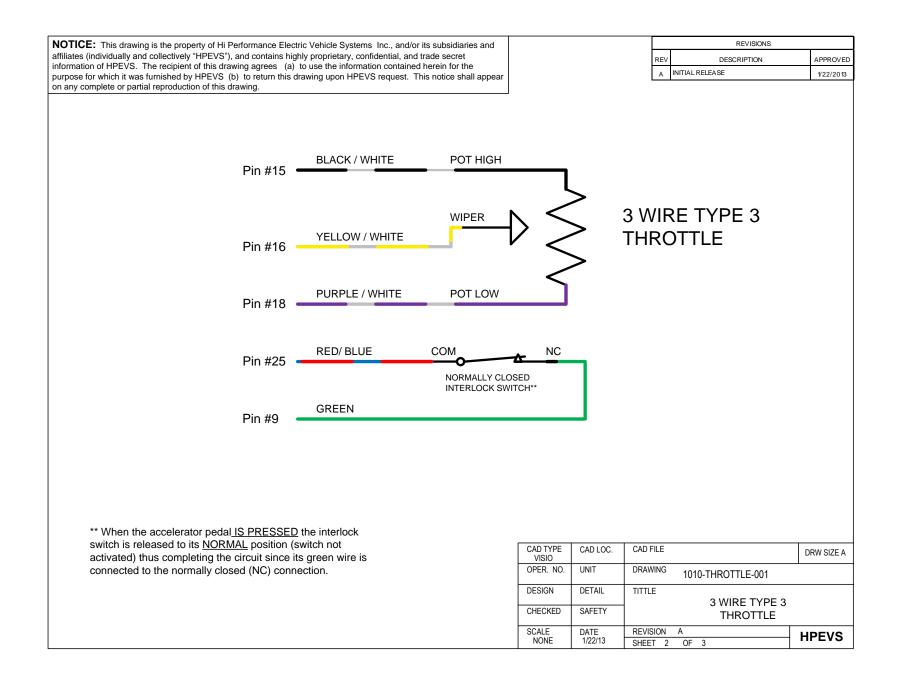
### THROTTLE CONFIGURATION

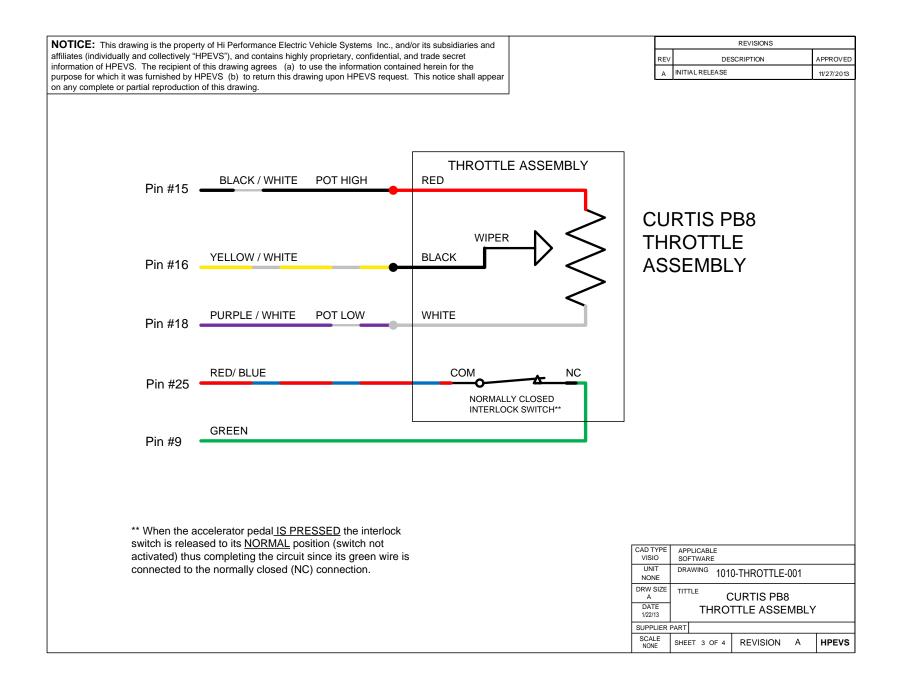
Depending on the type of throttle used for the application, the different types of throttle configurations are listed within the table below. Electrical schematics are also included within the following pages.

| 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 |





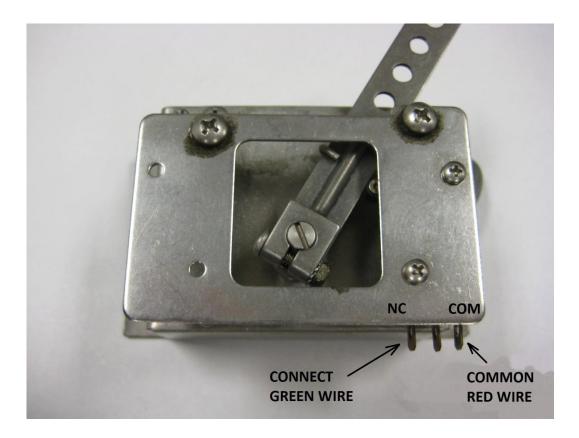




#### PEDAL INTERLOCK CONNECTION

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.

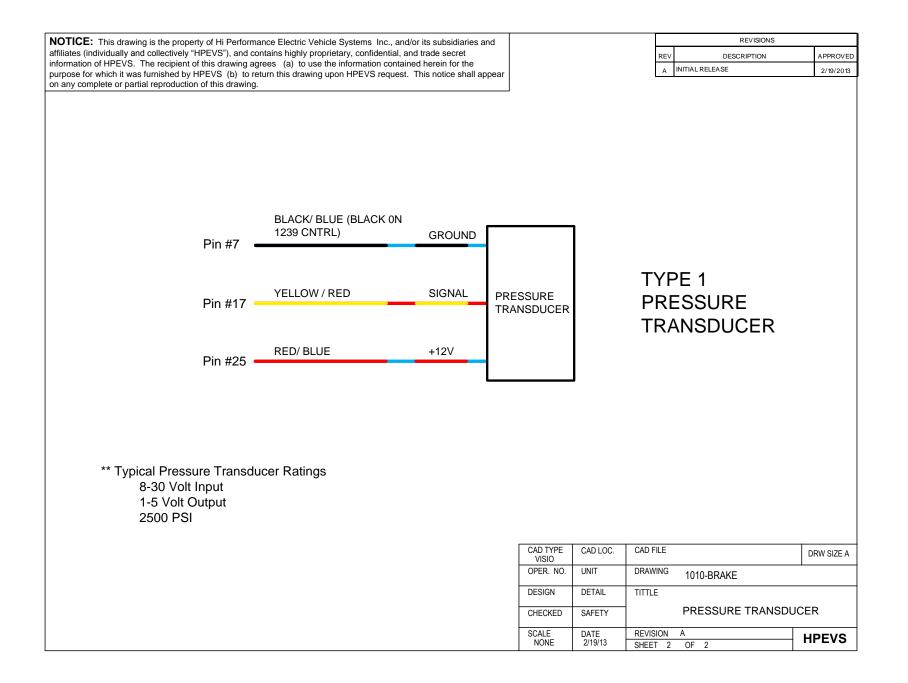
NOTE: when the accelerator pedal <u>IS PRESSED</u> the interlock switch is released to its <u>NORMAL</u> position (switch not activated) thus completing the circuit since its green wire is connected to the normally closed (NC) connection.

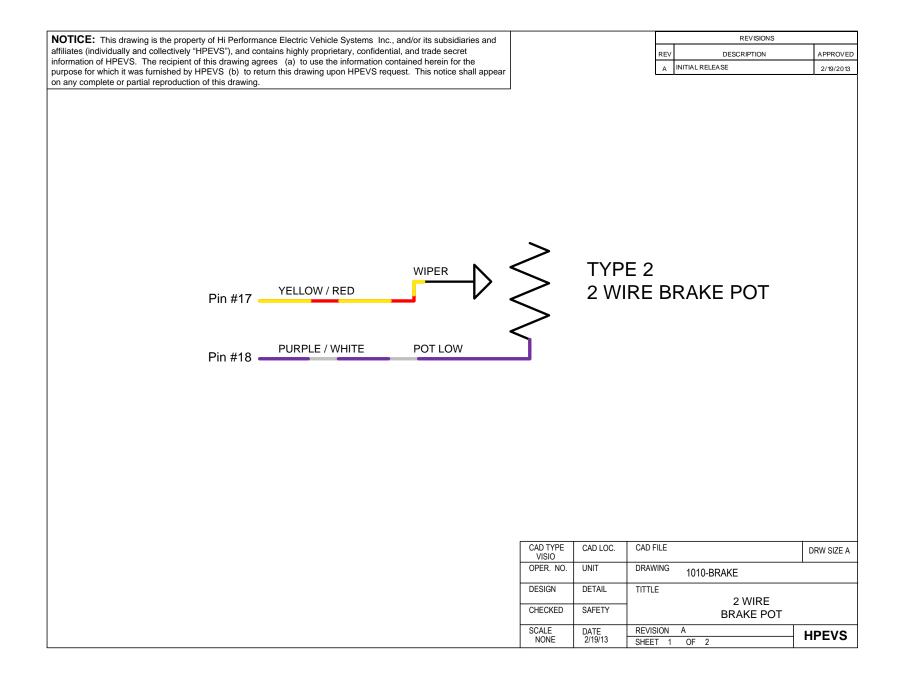


#### BRAKE INPUT CONFIGURATION

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 within the following pages.

| BRAKE INPUT<br>CONFIGURATION                  | ТҮРЕ   |
|---|--------|
| NO BRAKE INPUT USED                           | TYPE 0 |
| PRESSURE TRANSDUCER/<br>ELECTRONIC 0-5V INPUT | TYPE 1 |
| 2 WIRE 0-5k Ω POT                             | TYPE 2 |
| SWITCH  | TYPE 3 |





#### OPTIONAL ACTIVE BRAKE LIGHT CONFIGURATIONS

These optional active brake light configurations are used to activate the brake lights during regenerative braking or when the vehicle brakes are being applied. Based on the brake type configuration that is being used in the application use one of the following wiring configurations.

