

## 6.3 VEHICLE INTERFACE

### 6.3.1 VEHICLE INTERFACE Connector

The VEHICLE INTERFACE is a 9 Pin Female D-Sub miniature Connector.  
Pin-out and Wire Loom Colors listed below ...

PIN Number	FUNCTION	Description
9 RED	+12 VDC	Constant Battery Power Main Vehicle Battery +12 to +24 Volts
5 BLACK	Ground	Main Vehicle Battery Ground
4 WHITE	Battery Backup	Connect to Backup Battery Positive +12 VDC Take Backup Battery Ground to Chassis or Main Vehicle Battery Ground.
1 BROWN	IGNITION	+12 VDC Power Input from <b>Accessory Fuse</b> .
6 PURPLE	KICK STAND	Connect Through <b>Kick Stand Switch</b> to Ground. Switch Contact should be Normally Open
7 ORANGE	EMERGENCY	Connect Through <b>Panic Switch</b> to Ground. Switch Contact should be Normally Open
8 YELLOW	Vehicle KILL	Open Collector Output or Ext Relay Drive <b>NOTE : 100 mA maximum current Sink.</b> <b>Suitable for connection to vehicle Computer.</b> <b>Suitable for connection to supplied relays.</b>
2 GREEN	HORN	Open Collector Output or Ext Relay Drive <b>NOTE : 100 mA maximum current Sink.</b> Not suitable generally for direct connection to high current vehicle solenoids.
3 BLUE	HEADLIGHT	Open Collector Output or Ext Relay Drive <b>NOTE : 100 mA maximum current Sink.</b> Not suitable generally for direct connection to high current vehicle solenoids.

We advise using the external isolating relays provided in the Kit on all outputs.

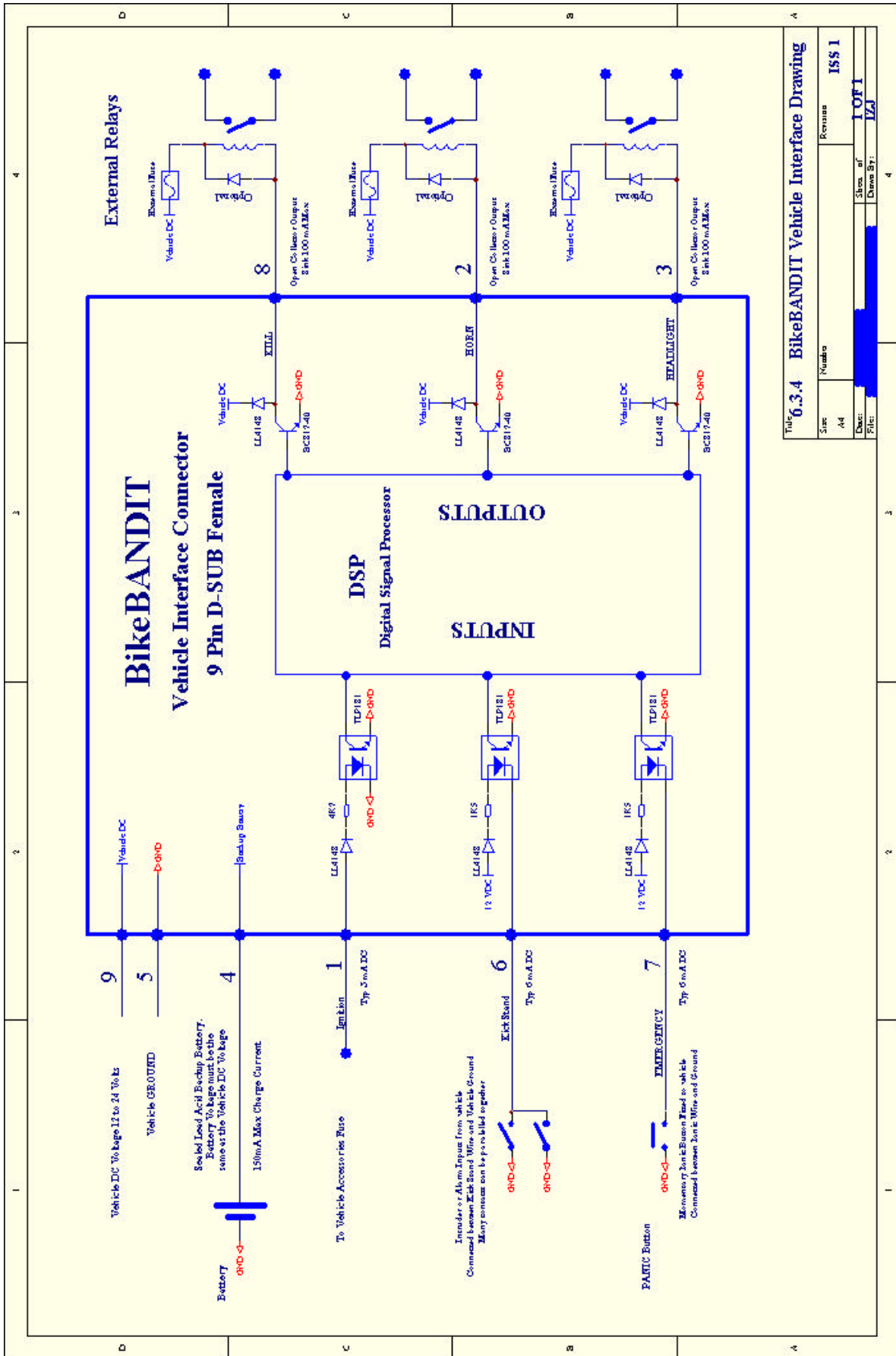
These relays isolate the vehicle's electronic systems from the Unit allowing the control of almost any configuration of vehicle electrical system.

**NOTE : Two different connection methods are shown for vehicle engine Kill, for either fuel starvation or ignition system electrical shutdown. Generally electrical Kill is more direct and immediate. Your installer should be able to recommend which is the most suitable type of Engine Kill and connection method for your vehicle.**



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**Title 6.3.4 BikeBANDIT Vehicle Interface Drawing**

Size	Number	Revision
A4		ISS 1
Desc:	Sheet of	1 OF 1
File:	Drawn By:	IAJ



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