



## **Part #: LVS001**

The low voltage sensor has been designed to monitor the vehicles charging system. If the voltage drops below approximately 11 volts the module mounted LED light will illuminate indicating a problem. This would be apparent when the load applied to the alternator is greater than what it is capable of producing or if the alternator stops charging altogether.

The module also has the provision to connect and control a remote dash mounted LED or 1-2 watt incandescent type bulb that may already be found in the car. If your vehicle has a bulb of greater wattage than 2 watts then it will need to be replaced with the 2 watt bulb enclosed with bulb holder if required.

The module has double sided tape installed to one side for mounting, additional cable type ties can be applied to attach it to existing wires under the dash.

Connect the red wire to a 12v +ve switched power source.  
Connect the black wire to a good constant -ve ground.  
Connect the blue wire to your dash mounted warning light bulb.

The dash light requires a good ground either to the vehicles chassis (on a conventional -ve earth car), or if you want to keep the existing warning light circuit then a pre-wired relay (enclosed) needs to be installed on the circuit between the ignition switch and dash light bulb holder. Pin 86 and 30 are pre-wired to -ve ground. Connect the switched 12V +ve that currently feeds your bulb to pin 85 and then connect pin 87 to the ignition side of the bulb. The blue wire can then be wired to the alternator side of the bulb.

If you use the built in LED light as a warning and not the dash mounted warning light bulb (if you have one) then make sure the blue wire is well insulated to prevent ground contact.