

Low Voltage Sensor Module Installation

Low Voltage Sensor Applications

- Identify total system voltage below 11 volts
 - The module monitors the existing voltage in the vehicle and will set an indicator light when the system voltage drops below 11 volts. This is especially critical in fuel injection systems where the ECU is expecting a full system voltage. Many ECUs will have difficulty operating below the 10-11 volt level. This module will light an indicator when the system voltage falls in the 5-11 volt range. System voltage below 5 volts is too weak to start the vehicle and will not light the indicator.
- Act as a charge indicator
 - By identifying system voltage below 11 volts, the indicator light is signaling a problem in the charging system or battery.

Connecting the Low Voltage Sensor Module

- Connect the **PINK** wire of the module to a +12VDC switched ignition source.
- Connect the **BLACK** wire of the module to a good chassis ground.
- Connect the **RED** wire of the module to the low voltage indicator's positive lead.
- Connect the **BLACK / WHITE** wire of the module to the low voltage indicator's negative lead.

Note: The module will handle an indicator light of 2 amps or less. Almost all dash incandescent indicator lights draw between 0.19 – 0.63 amps. LED lights draw far less amperage.

