Connecting the 11 Volt system sensor module.

1. Mount the module in a desired location using the mounting bracket molded into the plastic housing.
2. Connect the pink wire to a 12 volt ignition source. A connection at the ignition switch is an acceptable option. An optional ring terminal is supplied if applicable.
3. Connect the black wire to a good chassis ground. An optional ring terminal is supplied if applicable.
4. Connect the red wire to an indicator light positive "+" terminal. This will be critical for an LED indicator light as all LED lights have a definite positive terminal or lead wire. Incandescent bulbs do not have this restriction so either lead wire can be connected to the red wire. An optional butt connector is supplied if applicable.
   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 and do not have this restriction.
5. Connect the black with white stripe wire to an indicator light negative "-" terminal. This will be critical for an LED indicator light as all LED lights have a definite negative terminal or lead wire. Incandescent bulbs do not have this restriction so either lead wire can be connected to the black with white stripe wire. An optional butt connector is supplied if applicable.

The 11 Volt System Voltage Sensor is used in the following applications:

1. Identify total system voltage below 11 volts.
   The module monitors the existing voltage in the vehicle and will set on 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 ECU's will have difficulty operating below the 10-11 volt level. This module will light an indicator light when the system voltage falls into the 5 - 11 volt range. System voltage below 5 volts is too weak to start the vehicle and will not light the indicator light.

2. Act as a charge indicator light
   By identifying system voltage below 11 volts, the indicator light is signaling a problem in the charging system or battery that must be identified.

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11 Volt System Voltage Sensor Module

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92969902 instruction rev 0.1 11/8/2017