

USER INSTRUCTIONS FOR DCM -1 DYNA CHARGE MONITOR

The DCM-1 charge monitor allows the user to track electrical system voltage on any vehicle with a normal 12 volt charging system. When the "normal" green light is on, the system voltage is normal and the battery is being charged correctly. If the "high" red light is on, the system voltage is too high and damage to the battery may result. When the "low" red light is on, the system voltage is too low and the battery is being discharged. The above indications are only valid with the engine running.

- 1) Mount the monitor in the desired location using the double sided tape attached to the unit.
- 2) Connect the black wire to ground.
- 3) Connect the red wire to the switched side of the ignition switch. The side where there is no voltage with switch off and +12 volts with the switch on.

NOTE — Whenever current passes through a connection or a switch, a voltage drop can occur. In order for the charge monitor to provide meaningful information, the voltage at the ignition switch must be within 0.5 volt of the voltage at the battery with the engine running. If the voltage drop from the battery to the ignition switch is greater than 0.5 volt with the engine running, the source of the voltage drop should be identified and corrected. That may require using heavier gauge wire between the battery and the ignition switch, or replacing a connector, or switch.