



**PennTex** INDUSTRIES, INC.

## Presents A Visual and Audible **CHARGING SYSTEM MONITOR**

With our advanced Charging System Monitor, you'll know at a glance -- or hear the audible beep -- when your battery is inoperative. This alerts the driver to problems often ignored with silent volt meters.

Helps prevent passengers from becoming stranded due to a charging system failure or a low battery situation.

- 3 LED charging system indicators.
- An audible beeper.
- Load kill relay output.



### CSM FEATURES

- Simple 4 wire connections to CSM:
  - Red** - ignition
  - Black** - ground
  - Orange** - stator
  - White** - (optional) - load kill relay
- Round 2-1/16" automotive instrument mounting hole or surface mount.
- Audible warning indicator with different beep patterns, based on warning emergency. The driver is immediately alerted.
- CSM monitors battery voltage and alternator output.
- Automatic load kill output - disconnects nonessential electrical loads to reduce battery drain if alternator stops charging or the battery voltage drops below 10.8 volts.
- Two second start-up self test for LED's and beeps - lets driver know that the CSM is working properly. Muted audio during first minute of operation for driver convenience.
- Works with most alternators and electrical systems - call for more information.
- PennTex Industries, Inc. standard warranty is eighteen months (18) months or 75,000 miles- whichever occurs first, when installed on a new OEM vehicle. Aftermarket installations have a warranty of twelve (12) months/unlimited miles.

## PERFORMANCE, ENDURANCE AND SATISFACTION

**PennTex**  
INDUSTRIES, INC.

Manufacturers of  
**High Efficiency Alternators and  
Mobile Electronic Devices**

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