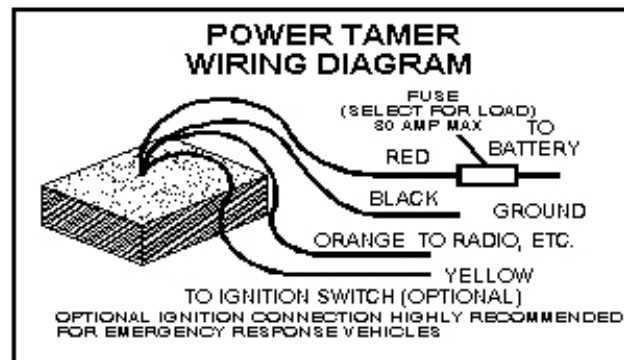




The Copeland Engineering **POWER TAMER VS (Voltage Sense)**© eliminates dead batteries caused by forgotten electrical equipment such as data terminals and radios. This self-contained product features both voltage sensing and auto-ignition sensing options for activation. It also features programmable times ranging from 15 minutes to 15 Hours, 45 Minutes. Low voltage disconnect is at 10.5 volts for 15-seconds to filter voltage dips caused by turning on the light bar, engine starting, etc. There are two LEDs. The one near the Orange wire monitors output voltage, and the one near the Yellow wire flashes when power is first applied and during delay timing.

INSTALLATION

Install **POWER TAMER VS**© at any convenient location in the vehicle and wire according to the drawing below. In the auto-ignition sense mode (YELLOW wire not connected) **POWER TAMER VS**© senses the charging system pick-up (engine running) to turn equipment on. **POWER TAMER VS**© starts timing when the engine stops. If the YELLOW wire is connected to a circuit that is hot when the ignition switch is on, your equipment will come on immediately with the ignition. This configuration is recommended for emergency service vehicles to guarantee equipment operation in high electrical load during idle conditions.



SETTING TIME DELAY:

The time delay switches are on the bottom of the box. Using the table, the total delay is the sum of the time set for each switch placed "ON". **NOTE THAT "TEST" IS ALL SWITCHES OFF = 5-SECOND DELAY.**

TIME DELAY SWITCH SETTINGS

SWITCH TIME VALUES	Time setting Examples
S1= 1/4 Hours	S1 ON, 2,3,4,5,6, OFF = 15Minutes
S2= 1/2 Hours	S1,2 ON, 3,4,5,6 OFF, = 45 Minutes
S3= 1 Hours	S4 ON, 1,2,3,5,6, OFF = 2 Hours
S4= 2 Hours	S 3,4 ON, 1,2,5,6, OFF = 3 Hours
S5= 4 Hours	S1,2,3,4 ON, = 3 Hours, 45 Minutes
S6= 8 Hours	S5,6 ON, 1,2,3,4, OFF = 12 Hours

After setting the desired time, place one of the enclosed labels over the switches.

POWER TAMER VS© is covered by a 2 year exchange warranty.