

extend
battery
life



improve
vehicle
availability

POWER TAMER VS

15 MINUTE- 16 HOUR
PROGRAMMABLE BATTERY SAVER



Low 3 ma
standby
current

Power Tamer VS
Part #5201

5 second
test mode
(all switches
off)



eliminate
monday
morning
battery
service calls



waterproof
construction
mounts
anywhere

- **DIGITAL DESIGN** - Provides reliability and dependability over wide temperature and voltage ranges
- **3 MILLIAMPER STANDBY CURRENT** - Low standby current is important when the vehicle is parked for extended times.
- **SELF-CONTAINED** - Requires no external solenoids.
- **SOLID STATE 30 AMP SERVICE** - Leading edge FET technology eliminates relays for most applications.
- **VERY COMPACT, MOUNTS ANYWHERE** - Cast aluminum box resists severe environments.
- **AUTOMATIC VOLTAGE SENSE** - Reliable voltage sensing knows when the engine is running.
- **PROGRAMMABLE FROM 15 MINUTES TO 16 HOURS**
- **16.5 VOLT OVER VOLTAGE PROTECTION**
- **LOW VOLTAGE PROTECTION** - Turns off when system voltage falls below 10.5 volts for 15-seconds.
- **WATER RESISTANT**

OPTIONAL DIRECT IGNITION SENSING
RECOMMENDED FOR EMERGENCY
VEHICLE APPLICATIONS

This feature over rides the auto sense circuit. You should connect this wire to the ignition circuit to guarantee turn on even if the alternator is not working.

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Dedicated to Providing the Highest Quality Motor
Vehicle Electrical Products and Customer Support

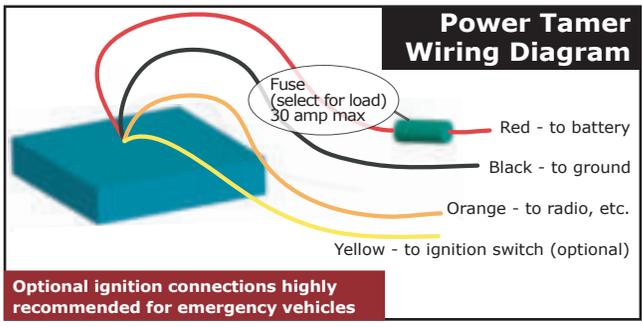
**TWO YEAR
WARRANTY**



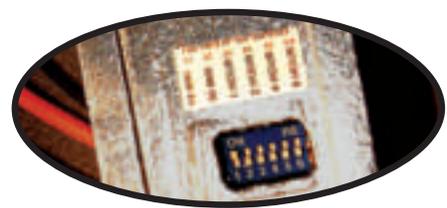
POWER TAMER VS

INSTALLATION INSTRUCTIONS

Install **POWER TAMER VS**® (Voltage Sensing) at any location in the vehicle and wire according to the drawing below. In the *auto-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. Low Voltage Disconnect is activated when the battery voltage falls below 10.5 volts for 15 seconds. High Voltage Disconnect occurs immediately when the battery voltage exceeds 16.5 volts. 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 during high electrical load conditions while idling.
- ▶ There are two LEDs. One flashes at initial power application and during timing operations. The other monitors the output voltage.



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". [For **TEST** purposes, all switches **OFF** causes the Power Tamer to shut off in approximately 5-seconds.]

After setting the desired time, place the enclosed label over the switches.

▶ **THIS STEP IS EXTREMELY IMPORTANT. FAILURE TO COVER THE SWITCHES WILL VOID THE WARRANTY AND MAY CAUSE PREMATURE FAILURE DUE TO SWITCH CONTAMINATION.**

SWITCH VALUES	Time Setting Examples
S1= 1/4 Hour	S1 on 2,3,4,5,6 off = 15 Minutes
S2= 1/2 Hour	S1,2 on 3,4,5,6 off = 45 Minutes
S3= 1 Hour	S4 on 1,2,3,5,6 off = 2 Hours
S4= 2 Hours	S3,4 on 1,2,5,6 off = 3 Hours
S5= 4 Hours	S1,2,3,4 on 5,6 off = 3 Hours, 45 minutes
S6= 8 Hours	S5,6 on 1,2,3,4 off = 12 Hours

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