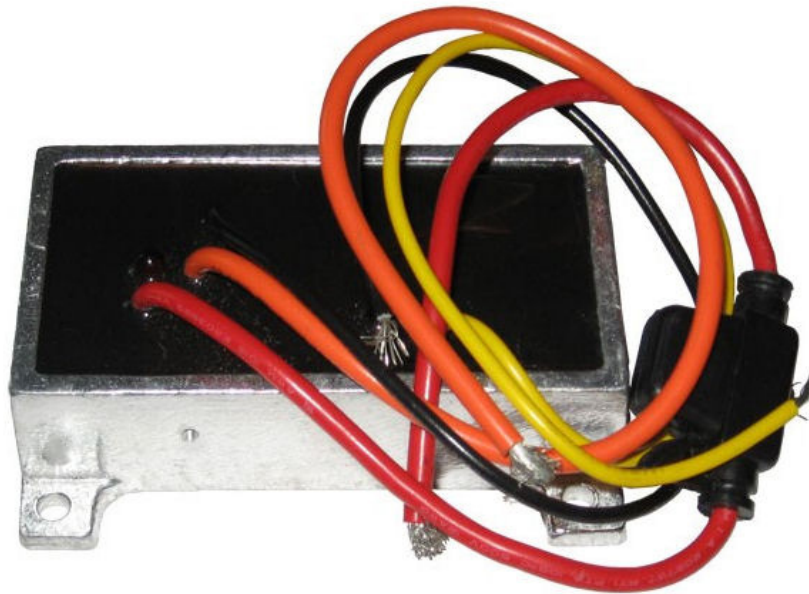


# Power Tamer©



## Installation Notes

## POWER TAMER© Installation



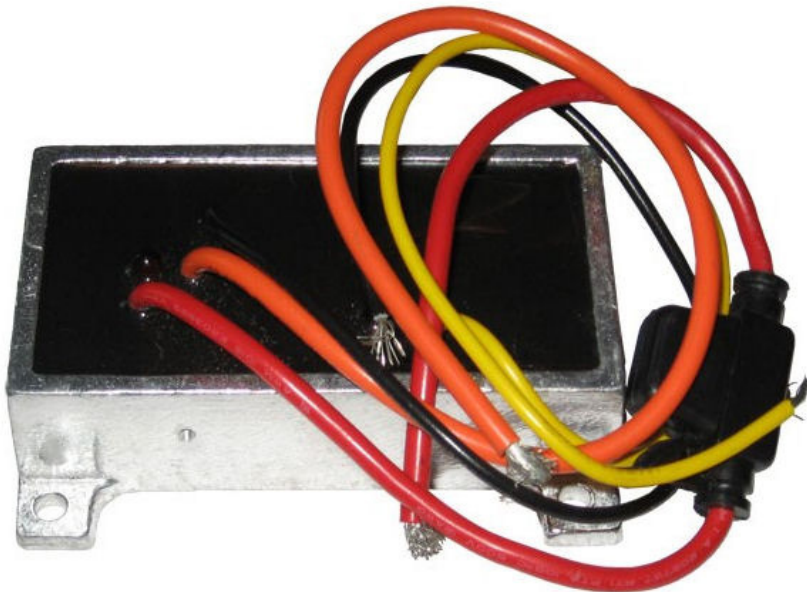
IMPORTANT FOR ALL INSTALLATIONS

**ALL MAIN POWER LEADS** for FleetMind's mobile platforms including TREK, GETAC or GD4010 based systems must be connected to the truck's main battery power in the cab. Power Leads must be attached to a power terminal that will disconnect when the vehicle's kill switch is applied to shut off battery power.

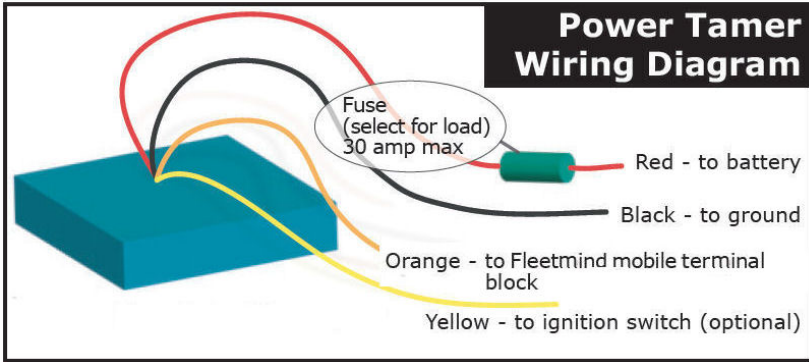
Power for FleetMind's mobile platforms **MUST NEVER BE SOURCED** from the vehicle's Ignition switch, radio or other devices. When the vehicle does not have a kill switch, the main Power Leads must be connected to a time delayed relay device such as a "Power Tamer" which will in turn be connected directly to the vehicle's main power distribution with it's "key-on" sensor lead connected to the ignition switch.

The Power Tamer (PN 5201) from Copeland Engineering is an example of an after-market third-party device used by FleetMind customers to automatically cut the power to the FM Mobile units upon detection of a KeyOFF condition. Time delays can vary from a few minutes to multiple hours depending on the model used. In cases where the FleetMind mobile platform is continuously recording video, FleetMind recommends that the delay be set to at least 1 hour.

Similar devices have been used in light trucks where Kill Switches are typically not used, or when drivers are not instructed to always turn off the Kill Switch when exiting the vehicle.



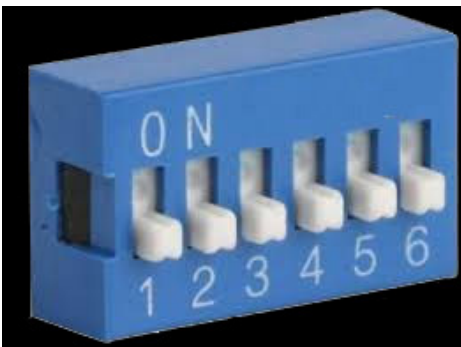
POWER TAMER© can be installed at any convenient location in the vehicle and wired according to the drawing below.



In the auto sense mode (YELLOW wire not connected) POWER TAMER© senses the charging system pick-up (engine running) to turn equipment on.

POWER TAMER© starts timing when the engine stops. If the “auto sense” mode is chosen, be sure to tape the YELLOW wire to prevent accidental grounding. 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.

The time delay switches are on the bottom of the box.



Using the table below, 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 4-seconds.

TIME DELAY SWITCH VALUES		
SWITCH 6 ON	SWITCH 6 OFF	Time Setting Examples
S1= 15 min	S1= 1Hour	S6, 5, 3 on = 5 Hours
S2= 1/2 Hour	S2= 2 Hour	S6, S1 on = 15 minutes
S3= 1 Hour	S3= 4 Hour	(Note switch 6 off = 4X delay)
S4= 2 Hour	S4= 8 Hour S6	off, S1 on = 1 Hour
S5= 4 Hour	S5= 16 Hour S6	off, S1, 2,3 on = 7 Hours

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.