

# Congratulations on your purchase of The Vehicle Speed Alarm

For complete **documentation** please visit: <http://www.rx4speeding.com/>

## INSTALLATION INSTRUCTIONS

### Six Step Installation

1. Survey the dashboard and decide on the location to mount the **VSA**.
2. Survey the harness under the dashboard.
3. Identify the **Ground** connection you will be using.
4. Identify the **Ignition** line, a wire with +12v only when engine is running.
  - o The **Vehicle Speed Signal (VSS)** line is a wire which runs from the *engine's rotation sensor* to the back of the dashboard, and connected to the speedometer.
5. Identify the **VSS** line by connecting a voltmeter to it and to GND, see that the line is toggling (between 0v and a positive voltage) as you move the car some 20 Ft. (slowly forward or backward).
6. Install the **Vehicle Speed Alarm Unit**.

### Mounting the **VSA** Unit

- Select a place preferably over the car instruments.
- Orient the **VSA** so that the LED will face you and be in your line of sight.
- Place the **VSA** within easy reach, so you can reach the control knob for selecting a desired speed limit.
- You may attach the **VSA** with the Velcro (supplied with the **VSA**) or you may choose other methods such as glue, clamp etc.
- You may push the wire between the dashboard and the vehicle's left frame.

### Connecting the three wires

Wire Color	Connect to:	(see steps 3, 4 & 5 above)
<b>Black</b>	<b>GND</b>	(Ground)
<b>Red</b>	<b>IGN</b>	(+12v Ignition Switch)
<b>Green</b>	<b>VSS</b>	(Vehicle Speed Signal)

## The Vehicle Speed Alarm

### OPERATING INSTRUCTIONS

Once you are driving at the speed you wish to set as your limit (the speed you do not want to *UNINTENTIONALLY* exceed), use the speed control knob to set the speed threshold.

- As you turn the knob to the **LEFT** (Counter Clockwise), you **LOWER** the speed threshold.
- As you turn the knob to the **RIGHT** (Clockwise), you **RAISE** the speed threshold.

The Vehicle Speed Alarm does not require any calibration!

Example:

Setting a speed threshold on the **VSA** is similar to the way you set Cruise Control. Let's say you want to set 30 mph as your limit. When your speedometer is showing a speed of 30 mph, start turning the knob to the left until the Vehicle Speed Alarm starts chirping. At that point, turn the knob slightly to the right to "kick it up a notch." This will silence the alarm at 30 mph, but allow it to activate the moment you exceed 30 mph.

Exceeding your set speed will cause the **VSA** to chirp and flash the ultra bright red LED (light emitting diode). The alarm will stop as you slow down below the threshold you have set.



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