

# INSTALLATION INSTRUCTIONS

## 102131 Vplus™ VOLT BOOSTER GM 1990-1996 except 3800 V6

The Vplus volt booster is designed to increase alternator voltage, (electrical system voltage), at a pre-determined point in throttle (70%) thereby increasing available voltage to the fuel pump – for added fuel flow, and the ignition system – for a hotter spark.

**First, make a note of your radio station presets, then disconnect the positive battery cable. You will need to re-program the presets on the radio once you finish installation and re-connect the battery cable lug.**

Position the Vplus module below the throttle body in this general location. Module does not need to be mounted. Locate the positive power stud on the alternator and carefully remove the hex nut. After removing the nut, place the red wire terminal (smaller ring terminal) on the stud. Replace and tighten the nut, then replace the plastic cap.

Unplug the connector from the regulator on the alternator as shown below. Insert the plug attached to the Vplus module into the alternator receptacle. Insert the plug from the engine wiring harness into its mating connector. There may be one or two brown wires on the alternator regulator connector – the Vplus runs these two wires back thru the mating connector resulting in continued normal alternator operation.

Route the long harness from the Vplus module over to the throttle position sensor. Unplug the connector at the sensor and plug into its mating connector. Finally, insert the remaining connector into the sensor.

The Vplus module is now ready to operate, completely automatically. When throttle reaches 70% (generally Wide-Open-Throttle), the Vplus module automatically increases the alternator voltage by approximately 2.2 volts, increasing available power to the electrical system by approximately 15%. This increases available voltage to the fuel pump and the ignition system, providing a hotter spark and greater fuel volume available to the engine.

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