

# INSTALLATION INSTRUCTIONS

## 102130 VPlus Volt Booster 1997-2002 GM except SC and 3800 using METRIPACK Connector on Alternator (Latest Design) LS1, LT1, V6

The Vplus Booster is designed to increase alternator charging voltage, thus electrical system voltage, at a pre-determined point in throttle (70%) thereby increasing available voltage to the fuel pump – for added fuel flow – and to 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 positive cable lug.

Position the Vplus module below the throttle body in this general area. The Vplus does not need to be mounted. Remove the cap that covers the positive stud of the alternator. Carefully remove the nut using a 10mm wrench. 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. Insert the plug attached to the Vplus module into the alternator receptacle. Insert the plug from the engine wiring harness into the remaining connector. There may be two wires in the alternator connector, and these wires continue thru to the existing wiring, allowing for normal alternator regulator operation.

Position the Vplus module near the throttle position sensor. Unplug the connector at the TPS sensor and plug into the Vplus module. Then, insert the remaining connector on the Vplus module into the sensor.

The Vplus module is now ready to operate, completely automatically. When throttle reaches 70%, the V-PLUS module increases the alternator voltage by approximately 2.2 volts, increasing available power to the electrical system by approximately 15%. This added power increases ignition voltage and fuel pump voltage at wide-open throttle, enhancing electrical performance, and providing a hotter spark and more fuel volume.

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