

# INSTALLATION INSTRUCTIONS

## 102030 Vplus™ Volt Booster – Supercharged and 3800 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 hex nut from the positive alternator stud. After removing the nut, place the red wire 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. There may be one or two wires in the alternator connector, and these wires continue thru to the existing wiring, allowing for normal alternator regulator operation.

Route the TPS wiring from the Vplus module over to the throttle position sensor. Unplug the connector at the TPS sensor and plug into this harness as shown. Then, insert the remaining connector 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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