



7501 Straw Plains Pike, Knoxville, TN 37924

Tech Support: (760) 244-2049

## AD244 VOLTAGE ENHANCEMENT

**Installation Instructions:** The alternator comes with a single blue wire installed into the alternator plug-in socket. Using the picture below, insert this single wire into the spot marked "S" in the original plug (looking straight into the original plug, notice the orientation of the pins, insert the blue wire into the "S" wire slot, which will click in and lock in place). This wire when connected to the positive post of the battery will slightly increase the voltage once the alternator gets up to normal operating temperature. If your stock plug already has a wire in this slot, then the new blue wire will not be needed.

The regulator for the 225 has the letters S I/F L P imbedded in the plastic. If you are using the 225 on a 1995 or older vehicle, then connect the long Blue wire supplied directly to the positive post of the battery.

If you have a factory Red wire in the stock plug, then disconnect the long Blue wire and connect the short wires together as the factory has already done the rest of the job for you.

**Pin Expination:** S = External battery sense. This pin connection can be directly connected to the positive post of the battery for a little more charge voltage (about 1/2 volt when alternator reaches operating temperature).

\*F/I = When the terminal is used as "F", it is an output signal for this series of regulators to the Dash message center. When the terminal is used as "I", it is for switched 12 volts.

\*L = Dash light, this may also be turned on by a 35 to 50 ohm 2 watt resistor in series with switched 12V.

P = Stator lead which is used for the tachometer on GM diesels.

\*Note: If a regulator is an S L I P, it is only necessary to connect either the I or L terminal for turn on, not both. We install the S L I P regulators on all vehicles 1995 or older unless otherwise specified.

