GM 1994-Current Cars/Trucks/SUVs Mass Airflow Sensor
Installation Instructions (Read Carefully Before Starting Project)

Tools Required:
8mm or 5/16" socket, flat head screwdriver

Introduction:
This product is the first of its kind. It is an inexpensive replacement mass airflow sensor to improve the performance potential of 1994-current General Motors vehicles without sacrificing drivability. With the gain in horsepower from performance camshafts, high flow cylinder heads and tuned exhaust systems, production mass airflow sensors become too restrictive. This led to the Granatelli Mass Airflow Sensor. This unit is sure to enhance the effectiveness of other performance equipment already installed or of future installations.

Overview:
The mass airflow system measures airflow directly with an electronic sensor. A sensing element in the air stream of the intake provides an output voltage reading that is proportional to the mass air flowing into the engine. The mass airflow system reduces the calculations required to control fuel flow and ignition spark advance. It reacts quickly and accurately to the changes in airflow, while improving overall vehicle performance. The smooth design of the inlet tube improves the airflow to the intake system in the most economical way.

System Features:

Improved Airflow	No electrical modifications
Less pressure drop than production models	Expanded dynamic range with high measurement accuracy
Real calibration of elements for Proper emissions and performance	Simple bolt-in design

Installation Steps:

1. Disconnect Battery (negative side first).

2. Using a flat blade screwdriver or an 8mm (5/16) socket, loosen the hose clamps that attached the existing mass air sensor to the air inlet tube and throttle body. Remove the air inlet tube form the mass air sensor by grasping the sensor in one hand and the tube in the other. Using a twist pull motion, separate the two parts.

NOTE: DO NOT USE A SCREWDRIVER TO PRY THE HOSE OFF THE MASS AIR SENSOR. DAMAGE TO THE STOCK SENSOR OR PERSONAL INJURY MAY RESULT.

3. Disconnect the wiring harness connector to the mass air sensor. This can be done easily by grasping the connector and pulling while holding the bottom tab away from the connector.

NOTE: THE CONNECTOR MAY STICK TO THE SENSOR CONNECTIONS. IF THIS OCCURS, CAREFULLY PRY AWAY THE CONNECTION WITH A SMALL FLAT HEAD SCREWDRIVER.

4. Reverse steps 1 through 3 for installation of new Mass Airflow Sensor.