

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-471-2  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

GRANATELLI MOTORSPORTS  
Mass Airflow Sensor

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Mass Airflow Sensor, manufactured and marketed by Granatelli Motorsports, 18551 Topham Street, Suite H, Reseda, California 91335, has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the General Motors and Ford Motor Company vehicles listed in Exhibit A.

The General Motors Mass Air Flow Sensor is designed with three main parts: an inlet tube, the sensor, and an outlet tube. The inlet and outlet tubes have been manufactured out of a high strength plastic. The sensor is a General Motors stock replacement. The sensor fits in the stock location with no modifications to the vehicle's electrical system or intake air system.

The Ford Mass Air Flow Sensor is designed with two main parts: the sensor body and the electronics. The body is manufactured out of a one piece metal casting, and contains an inlet tube, the sensor mounting, and an outlet tube. The electronics are manufactured by Ford Motor Company as a stock replacement. The sensor fits in the stock location with no modifications to the vehicle's electrical system or intake air system.

This Executive Order shall not apply to any Granatelli Motorsports, Inc. Mass Airflow Sensor advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order is valid provided the installation instructions for the Mass Airflow Sensor will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Mass Airflow Sensor, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Mass Airflow Sensor using any identification other than that shown in this Executive Order or marketing of the Mass Airflow Sensor for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the Mass Airflow Sensor shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order is granted based on an engineering evaluation and On Board Diagnostic II (OBD II) testing conducted on a 1999 Ford 4.6L truck and a 1998 General Motors 5.3L truck, both certified to the Low Emission Vehicle standard. An examination of the OBD II system showed that the Mass Airflow Sensor when installed on the vehicles did not affect their ability to perform OBD II monitoring.

This Executive Order does not constitute any opinion as to the effect the use of the Mass Airflow Sensor may have on any warranty either expressed or implied by the vehicle manufacturer.

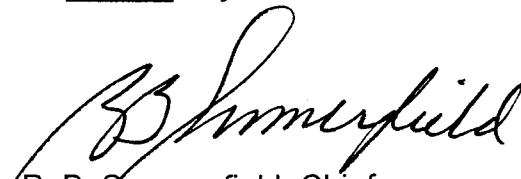
**THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF GRANATELLI MOTORSPORTS, INC.'S MASS AIRFLOW SENSOR.**

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination after hearing that grounds for revocation exist.

Executive Orders D-471, dated January 1999 and D-471-1, dated April 1999, are superseded and of no further force and effect.

Executed at El Monte, California, this 4<sup>th</sup> day of October 2000.

  
R. B. Summerfield, Chief  
Mobile Source Operations Division

## Exhibit A

<b>Granatelli Motorsports, Inc.</b>		
<b>Chevrolet</b>		
<b>Part Number</b>	<b>Year</b>	<b>Description</b>
350111	1994-97	LT-1 Camaro / Firebird / Corvette
350111-B	1994-97	LT-1 Camaro / Firebird / Corvette - Blue
350111-R	1994-97	LT-1 Camaro / Firebird / Corvette - Red
350112	1997-01	LS1 Camaro / Firebird / Corvette - Black - 2001 Vette uses 350119
350112-B	1997-01	LS1 Camaro / Firebird / Corvette - Blue - 2001 Vette uses 350119
350112-R	1997-01	LS1 Camaro / Firebird / Corvette - Red - 2001 Vette uses 350119
350114	1994-96	LT-1 Impala SS
350114-B	1994-96	LT-1 Impala SS - Blue
350114-R	1994-96	LT-1 Impala SS - Red
350119	2001	Corvette
350200	1998-99	Camaro / Firebird
350201	2000-01	Camaro / Firebird
350113	1996-00	Vortec Truck, 5.0 & 5.7 Liter Engines
350113-B	1996-00	Vortec Truck, 5.0 & 5.7 Liter Engines - Blue
350113-R	1996-00	Vortec Truck, 5.0 & 5.7 Liter Engines - Red
350115	1999-01	LS-1 Truck, 4.8, 5.3, 6.0 Liter Engines & 4.3 in Full Size.
350116	1996-01	Vortec Truck, S-10 body 4.3 Liter Engines
350116-B	1996-01	Vortec Truck, S-10 body 4.3 Liter Engines - Blue
350116-R	1996-01	Vortec Truck, S-10 body 4.3 Liter Engines - Red
350117	1996-00	Vortec Truck, 7.4 Liter Engines
350117-B	1996-00	Vortec Truck, 7.4 Liter Engines - Blue
350117-R	1996-00	Vortec Truck, 7.4 Liter Engines - Red
<b>Ford</b>		
<b>Part Number</b>	<b>Year</b>	<b>Description</b>
75935019-00	1988-93	Mustang - 5.0 Liter Engine w/ 19lb. Inj. Black
75935019-01	1988-93	Mustang - 5.0 Liter Engine w/ 19lb. Inj. Chrome
75955019-01	1994-95	Mustang - 5.0 Liter Engine w/ 19lb. Inj. Chrome
80974619-00	1996-97	Mustang - 4.6 Liter Engine w/ 19lb. Inj. 2V Silver
80974624-00	1996-97	Mustang - 4.6 Liter Engine w/ 24lb. Inj. 4V Silver
80984619-00	1998	Mustang - 4.6 Liter Engine w/ 19lb. Inj. 2V Silver
80984624-00	1998	Mustang - 4.6 Liter Engine w/ 24lb. Inj. 4V Silver
80994619-00	1999	Mustang - 4.6 Liter Engine w/ 19lb. Inj. 2V Silver
80994624-00	1999	Mustang - 4.6 Liter Engine w/ 24lb. Inj. 4V Silver
80004619-00	2000-01	Mustang - 4.6 Liter Engine w/ 19lb. Inj. 2V Silver
80004624-00	2000-01	Mustang - 4.6 Liter Engine w/ 24lb. Inj. 4V Silver
60922316-05	1990-92	Ranger - 2.3 liter engine
60942316-05	1993-94	Ranger - 2.3 liter engine
60952316-05	1995	Ranger - 2.3 liter engine
60002316-05	1996-2001	Ranger - 2.3 liter engine
60923016-05	1991-92	Ranger - 3.0 liter engine
60943016-05	1993-94	Ranger - 3.0 liter engine

## Exhibit A

Ford - Continued		
Part Number	Year	Description
60963016-05	1995-96	Ranger - 3.0 liter engine
60003016-05	1997-2001	Ranger - 3.0 liter engine
70944019-05	1992-94	Ranger - 4.0 liter engine
70954019-05	1995	Ranger - 4.0 liter engine
70964019-05	1996	Ranger - 4.0 liter engine
70004019-05	1997-1998	Ranger - 4.0 liter engine
70004019-05	1999-2001	Ranger - 4.0 liter engine - 6-pin
70954019-04	1991-95	Explorer - 4.0 liter engine
70984019-04	1996-98	Explorer - 4.0 liter engine
70994019-04	1999	Explorer - 4.0 liter engine
70004019-04	2000-2001	Explorer - 4.0 liter engine
75975019-04	1996-97	Explorer - 5.0 liter engine
75985019-04	1998	Explorer - 5.0 liter engine
75995019-04	1999	Explorer - 5.0 liter engine
75005019-04	2000-2001	Explorer - 5.0 liter engine
75974619-0	1997	Full Size Trucks/SUV 4.6/5.4 liter engine
75984619-0	1998	Full Size Trucks/SUV 4.6/5.4 liter engine
75004619-0	1999-2001	Full Size Trucks/Expedition 4.6/5.4 liter engine
75005419-0	1999-2001	Excursion 5.4 liter engine
75955819-0	1994-95	Full Size Trucks/SUV 5.0/5.8 liter engine
75975819-0	1996-97	Full Size Trucks/SUV 5.0/5.8 liter engine
75005424-0	1999-2001	Lightning Truck w/ Supercharged 5.4 Triton
80976819-0	1997	Full Size Trucks - V10
80986819-0	1998	Full Size Trucks - V10
80006819-0	1999-2001	Full Size Trucks/SUV - V10