

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-126-6

Relating to Exemptions Under Section 27156
of the Vehicle Code

General Motors Service Parts Operations
Supercharger System

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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Supercharger System, manufactured by the Toyota Racing Development, 1382 Valencia Avenue, Tustin, California 92780 and marketed by General Motors Service Parts Operations 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 2003 and 2004 model-year Pontiac Vibe equipped with a 1.8L engine.

The Supercharger System for the 1.8L engine includes the following main components: Eaton supercharger with integrated intake manifold and an extra injector, 160 degree thermostat to replace the 180 degree original thermostat, a supercharger ECU, and all the necessary hardware needed for installation. The stock air filter housing is retained, and all emission related components including the throttle-body are transferred to the new intake manifold. A new air inlet tube assembly is provided to connect the air filter housing to the throttle-body. No changes are made to the stock ignition system. Boost is limited to 7.5 psi. by the 2.4" diameter supercharger pulley.

This Executive Order is valid provided that the installation instructions for the Supercharger System will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

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

This Executive Order shall not apply to any Supercharger System advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the Supercharger System using any identification other than that shown in this Executive Order or marketing of the Supercharger System 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 Supercharger System 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 does not constitute any opinion as to the effect the use of the Supercharger System may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previous emissions testing (Executive Order D-425-13) which showed that emission levels of the 2003 1.8L Matrix with the Supercharger System installed, met the applicable emission standards. Results are in grams per mile with deterioration factors added to the CVS-75 test results.

	2003 1.8L Matrix (ULEV)				US06/SCO3	
	CVS-75				NMHC+NOx	CO
Standards	NMOG	CO	NOx	HCHO		
Device	0.040	1.7	0.2	0.008	0.14/0.20	8.0/2.7
	0.039	0.3	0.1	0.001	0.10/0.16	4.6/0.1

This Executive Order is also based on an On-Board Diagnostic II (OBD II) test conducted on the same test vehicle. Test data showed that the Supercharger System when installed on the vehicle did not affect the vehicle's ability to perform its OBD II monitoring. Same impact on emissions and OBD II system is expected on the affected vehicles.

The ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 THE GENERAL MOTORS SERVICE PARTS OPERATIONS' SUPERCHARGER SYSTEM.

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 is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 21ST day of July 2003



Allen Lyons, Chief
Mobile Source Operations Division