

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-620

Relating to Exemptions Under Section 27156
of the California Vehicle Code

West Coast Fiero
3800 Intake and Header 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 3800 Intake and Header System, produced and marketed by West Coast Fiero, 13456 Beach Avenue, Marina Del Rey, California 90292, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the 1984-1988 Pontiac Fiero originally equipped with either the 2.5 liter 4 cylinder (1984-1988), or 2.8 liter V-6 (1985-1988) naturally aspirated engine equipped with one of the following California 3.8 liter supercharged engines installed as part of an engine change:

Model-Year	Vehicle
1996-1998	Pontiac Bonneville w. 3800 Series II supercharged engine
1998	Olds Cutlass w. 3800 Series II supercharged engine
1997-1998	Pontiac Grand Prix w. 3800 Series II supercharged engine
1996-1998	Buick LeSabre w. 3800 Series II supercharged engine
1998	Chevy Lumina w. 3800 Series II supercharged engine
1998	Chevy Monte Carlo w. 3800 Series II supercharged engine
1996-1998	Oldsmobile 88 w. 3800 Series II supercharged engine
1996-1998	Oldsmobile 98 w. 3800 Series II supercharged engine
1996-1998	Buick Park Avenue w. 3800 Series II supercharged engine
1996-1998	Buick Regal w. 3800 Series II supercharged engine

The 3800 Intake and Header System consists of an open-element air intake system and header. The 3800 Intake and Header System is required for installation of the supercharged 3.8 liter engine.

This Executive Order is valid provided that the installation instructions for the 3800 Intake and Header System 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 3800 Intake and Header 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 3800 Intake and Header 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 3800 Intake and Header System using any identification other than that shown in this Executive Order or marketing of the 3800 Intake and Header 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.

This Executive Order does not constitute any opinion as to the effect the use of the 3800 Intake and Header System may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure (FTP), and an examination of the On-Board Diagnostic II (OBD II) system. A 1988 Pontiac Fiero that had been equipped with the engine from a 1998 Buick Park Avenue (supercharged, WGMXV03.8051, Tier-I, PC) was used for the evaluation of the 3800 Intake and Header System. Results from emissions testing conducted at The Automobile Club of Southern California are shown below (in grams per mile):

50k	NMHC	CO	NOx
Emission Level	0.082	1.9	0.3
(w. DF applied)			
STD	0.25	3.4	0.4
100k	NMHC	CO	NOx
Emission Level	0.082	2.4	0.4
(w. DF applied)			
STD	0.31	4.2	0.6

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the 3800 Intake and Header System does not affect OBD II operation. Therefore, based on the test results, the 3800 Intake and Header System meets the criteria for exempting general criteria parts.

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. Further, if test results or other evidence provides the ARB with reason to suspect that the 3800 Intake and Header System will affect the durability of emission control systems, West Coast Fiero, shall be required to submit


durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 3800 INTAKE AND HEADER 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 6th day of April 2007.


Annette Hebert, Chief
Mobile Source Operations Division