State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-215-73

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Edelbrock Corporation
E-Force Supercharger Kit

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 E-Force Supercharger Kit, manufactured and marketed by the Edelbrock Corporation, 2700 California Street, Torrance, California 90509, 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 following vehicle applications:

Part #s	Applications
1590, 1591, 1593, 1594	1997 to 2011 model year 5.7L, 6.0L, and 6.2L Corvettes
1597 and 1598	1998 to 2002, 2010 and 2011 model year 5.7L and 6.2L Camaros and Firebirds

The E-Force Supercharger Kit consists of the following main components: Eaton supercharger, intake manifold, bypass valve, a set of high flow injectors, replacement in-tank fuel pump, intercooler, modified air cleaner, and a reflashed ECM. Boost is limited to either 5.5 psi. using a 3.875 inch diameter pulley or 7.5 psi. with a 3.5 inch diameter pulley. The stock crankshaft pulley, throttlebody, mass air flow sensor, and thermostat are retained. The tuner used to reflash the ECM is designed to download OEM calibration updates, non emission related upgrades, and patches or fixes in the firmware. Emission-related data files cannot be modified by the end user. All supplied fuel hoses are Avon's CADbar 9000 series, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose. The stock air cleaner lid for the Camaro is replaced with a new air box lid. The new lid contains a hydrocarbon adsorber which Edelbrock installs in a stock location and orientation with heat stakes. The hydrocarbon adsorber is from GM part number 92230374. For the Corvette, the air cleaner and intake air tubing is removed and replaced by a new open element air filter and intake tube. The new intake tube includes the GM part number 15298966 hydrocarbon adsorber in its stock location and orientation.

This Executive Order is valid provided that the installation instructions for the E-Force Supercharger Kit will not recommend tuning the vehicle to specifications different from those of the kit manufacturer.

Changes made to the design or operating conditions of the E-Force Supercharger Kit, 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 E-Force Supercharger Kit 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 E-Force Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the E-Force Supercharger Kit 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 E-Force Supercharger Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emission test data generated on one test vehicle modified with the E-Force Supercharger Kit. Test results showed that emission levels, with the supercharger kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP) test cycle. Examination of the OBD II system showed that the supercharger kit did not affect OBD II system operation. Results from emissions testing conducted at the Auto Club Emissions Laboratory, located in Diamond Bar, California, are shown below (in grams per mile).

2010 6.2L Corvette	CVS-75 FTP				SFTP US06/SC03	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards*, UL	0.070	2.1	0.04	0.011	0.14/0.20	8.0/2.7
Device Test 1	0.036	1.0	0.01	0.000	0.04/0.03	5.2/1.0
Device Test 2	0.036	0.9	0.01	0.000		
Average	0.036	1.0	0.01	0.000		
Average w/df	0.049	1.2	0.03	0.001		

*LEV II ULEV CVS-75 FTP emissions standards.

The Air Resources Board 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 E-FORCE SUPERCHARGER KIT.

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 1 day of October 2010.

Annette Hebert, Chief
Mobile Source Operations Division