State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-215-87

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Edelbrock Corporation
E-Force Supercharger Kit, P/Ns 1570, 1571, 15700, 15701, 15710, and 15711

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-14-012;

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 2014 and 2015 model year Chevrolet Corvette.

The E-Force Supercharger Kit consists of the following main components: Eaton TVS R2300 supercharger, intake manifold, bypass valve, intercooler, intake tubing, new crankshaft pulley (same diameter as stock), high flow air filter cartridge, and a reflashed ECM using an Edelbrock supplied handheld tuner. Part numbers 15700 and 15710 include the Edelbrock reflash, but not the handheld tuner. The throttle body, mass air flow sensor, air filter box, and radiator thermostat are retained. Supercharger pulley diameters are either 3.25" or 3.5". Maximum boost pressure is 7.5 psi. The tuner's 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.

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 prior submitted emission test data generated on five test vehicles 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. Edelbrock submitted new emissions test data generated on a 2014 model year Chevrolet Corvette. Test results showed that emission levels, with the supercharger kit installed, met the applicable emission standards when tested using the 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).

	US06/SC03	
	NMHC+NOx	CO
Standards 4k	0.14/0.20	8.0/2.7
Device	0.05/0.04	0.3/0.6

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 29 day of December 2014.

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division