

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-215-93

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Edelbrock, LLC  
E-Force Supercharger Kit, P/N 1556

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, LLC, 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 2012 to 2016 model year Subaru BRZ and Scion FR-S, and 2017 model year Subaru BRZ and Toyota GT86.

The E-Force Supercharger Kit for the Subaru BRZ, Scion FR-S, and Toyota GT86 includes the following main parts: Eaton TVS R1320 supercharger, intake manifold, intercooler, supercharger by-pass valve, air intake tubing with new air filter box, ECU upgrade without user adjustments, a set of high flow injectors, new fuel pump, and a MAP sensor. The stock radiator thermostat is retained. The PCV breather hose may be replaced or modified with an SAE30R9 rated hose or a Subaru or Scion replacement equivalent. All supplied fuel hoses are either Avon's CADbar 9000 series or a stock factory replacement, and fuel and vapor line connectors supplied with the kit are OEM equivalent parts. **Maximum boost is 9.0 psi.**

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 exemption is issued based on submitted emissions test data, from the SEMA Garage, Diamond Bar, California, on a 2014 model year Subaru BRZ 2.0L, certified to the LEV II LEV emission standards and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP US06/SC03 (AC2 test + 20%)) test cycles.

	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards, UL	0.075	3.4	0.05	0.015
Device Test w/df, 2 test avg.	0.038	1.1	0.02	0.001

  

	US06/SC03 (AC2 Alternative)	
	NMHC+NOx	CO
Standards 4k	0.14/0.20	8.0/2.7
Device	0.03/0.03	1.8/0.2

Maximum Boost measured at 9 psi.

Test results showed that the E-Force Supercharger Kit installed on the vehicle did not cause exhaust emissions to exceed the applicable emission standards during the FTP and SFTP. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The E-Force Supercharger Kit when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

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 July 2016.



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