



EXECUTIVE ORDER D-215-97

Relating to Exemptions Under Section 27156 of the California Vehicle Code

Edelbrock, LLC
E-Force Supercharger

Pursuant to the authority vested in the California 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, manufactured and marketed by Edelbrock, LLC, 2700 California Street, Torrance, California 90509-2936, 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 Ford Mustangs and F-150 trucks listed in Exhibit A.

The E-Force Supercharger Kit, part numbers 1586, 15860, 15865, and 158650 (Mustang) and 1557 and 15570 (F-150), consists of the following main components: Eaton supercharger R2300 with a 3.00" pulley diameter (Mustang) or an Eaton supercharger R2650 with a 3.25" (Mustang), or 3.50" (F-150) diameter pulley, intake manifold, bypass valve, high flow injectors, intercooler, and a reflashed ECM. Optional parts are a new complete air cleaner housing with an air cleaner lid modified with hydrocarbon pad (stock Ford part in stock location and orientation, and heat staked in place) which is the same as stock and a new throttle body. Boost is limited to 15.5 pounds per square inch for the Mustang and 15.5 pounds per square inch for the F-150. The stock crankshaft pulley and thermostat is retained. Ford does not install the hydrocarbon pad in the F-150.

This Executive Order is valid provided that the installation instructions for the E-Force Supercharger 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 E-Force Supercharger as exempt by the California Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the E-Force Supercharger using any identification other than that shown in this Executive Order or marketing of the E-Force Supercharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the E-Force Supercharger may have on any warranty either expressed or implied by the vehicle manufacturer.

This exemption is issued based on emissions test data, from the California Air Resources Board's Haagen-Smit Laboratory, on a 2015 model year Ford Mustang 5.0L, certified to the LEV III ULEV 125 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) test cycles.

Useful Life FTP Emission Level (w/ df applied)	NMOG+NOx	CO	HCHO
	0.109	1.1	0.001
Standards	0.125	2.1	0.004

Useful Life SFTP Emission Level (Composite w/ df)	NMOG+NOx	CO
	0.052	0.8
Standards	0.110 (BIN)	4.2

Maximum Boost measured at 15.5 psi.

Vehicle was also tested at the SEMA Garage, Diamond Bar, California with similar results to those listed above.

Test results showed that the E-Force Supercharger, part number 15865, when installed on the vehicle did not cause exhaust emissions to exceed the applicable emission levels during the FTP, and SFTP test cycles. 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 when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring. Similar results would be expected when installed on the other vehicles listed.

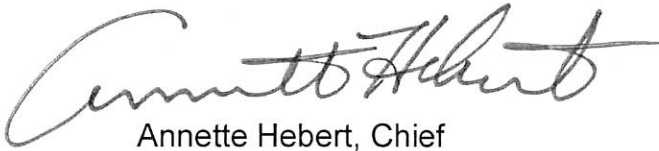
The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE E-FORCE SUPERCHARGER.

No claim of any kind, such as "Approved by the California 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 31 day of January 2018.

A handwritten signature in cursive script, appearing to read "Annette Hebert".

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

Exhibit A

Supercharger Vehicle Applications List

Stage 1 Part Nos. 1586, 15860 (2300 TVS)

Make	Model	Year	Configuration	Displ (L)	Pulley Dia (in)	Emissions Standard
Ford	Mustang	2015	V8	5.0	3.00	lev3 ulev125
Ford	Mustang	2016	V8	5.0	3.00	lev3 ulev125
Ford	Mustang	2017	V8	5.0	3.00	lev3 ulev125

Stage 1 Part Nos. 15865, 158650 (2650 TVS)

Make	Model	Year	Configuration	Displ (L)	Pulley Dia (in)	Emissions Standard
Ford	Mustang	2015	V8	5.0	3.25	lev3 ulev125
Ford	Mustang	2016	V8	5.0	3.25	lev3 ulev125
Ford	Mustang	2017	V8	5.0	3.25	lev3 ulev125

Part Nos. 1557, 15570 (2650 TVS)

Make	Model	Year	Configuration	Displ (L)	Pulley Dia (in)	Emissions Standard
Ford	F-150	2015	V8	5.0	3.50"	lev2 ulev (EPA T2-B4)
Ford	F-150	2016	V8	5.0	3.50"	lev2 ulev (EPA T2-B4)
Ford	F-150	2017	V8	5.0	3.50"	lev3 ulev125

