



EXECUTIVE ORDER D-215-96

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 following Chrysler / Dodge / Jeep vehicles, as listed in Exhibit A.

The E-Force Supercharger Kit, P/Ns 1527, 15270, 1528, 15282 and 15280, applicable to vehicles with the V6 engine, consists of the following main components: Eaton TVS R1320 supercharger with a 2.625" diameter pulley and a 6.1" diameter crankshaft pulley, intake manifold, bypass valve, intercooler, fuel injectors, and a reflashed ECM (no user adjustments). Boost is limited to 8.0 pounds per square inch. The stock air cleaner housing and thermostat are retained. All supplied fuel hoses are Avon's CADbar 9000 series or a stock replacement, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose or a stock replacement.

The E-Force Supercharger Kit, P/Ns 1517, 15170, 15172, 151720, 15176, 151760, 15177, 151770, 15354, 153560, 15356, and 153560, applicable to vehicles with the V8 engine, consists of the following main components: Eaton TVS R2650 supercharger with a 3.50" diameter pulley for the 5.7L applications and a 3.25" diameter pulley for the 6.4L applications, MAP sensor, intake manifold, bypass valve, intercooler, fuel injectors, and a reflashed ECM (no user adjustments). Boost is limited to 14.0 pounds per square inch. The stock air cleaner housing, crankshaft pulley and thermostat are retained. All supplied fuel hoses are Avon's CADbar 9000 series or a stock replacement, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose or a stock replacement.

The E-Force Supercharger Kit, P/Ns 1538, 15380, and 15175, applicable to vehicles with the 5.7L engine, consists of the following main components: Eaton TVS R2300 supercharger with a 3.25" diameter pulley, MAP sensor, intake manifold, bypass valve, intercooler, fuel injectors, and a reflashed ECM (no user adjustments). Boost is limited to 14.0 pounds per square inch. The stock air cleaner housing, crankshaft pulley and thermostat are retained. All supplied fuel hoses are Avon's CADbar 9000 series or a stock replacement, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose or a stock replacement.

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 prior submitted emissions test data, from the SEMA Garage, Diamond Bar, California, on a 2013 model year Jeep Wrangler 3.6L, certified to the LEV II ULEV 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, and new submitted test data on a 2016 model year Dodge Charger 5.7L, certified to the LEV II ULEV emission standards and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle, Supplemental Federal Test Procedure (SFTP US06/SC03), and the Highway Fuel Economy Test (HWFET) test cycles.

Wrangler

	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards, UL	0.070	2.1	0.04	0.011
Device Test w/df, 2 test avg.	0.035	1.6	0.03	0.001

	US06/SC03 (AC2 Alternative)	
	NMHC+NOx	CO
Standards 4k	0.25/0.27	10.5/3.5
Device	0.14/0.05	6.08/1.4

Maximum Boost measured at 8 psi.

Charger

	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards, UL	0.070	2.1	0.04	0.011
Device Test w/df, 2 test avg.	0.063	1.2	0.03	0.002

	US06/SC03 (AC2 Alternative)	
	NMHC+NOx	CO
Standards 4k	0.14/0.20	8.0/2.7
Device	0.07/0.11	0.4/0.3

Useful Life SFTP Emission Level (Composite w/ df)	NMOG+NOx	HWFET (NOx)
	0.105	0.02
Standards	0.110 (BIN)	0.05

Maximum Boost measured at 14 psi.

Test results showed that the E-Force Supercharger 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.

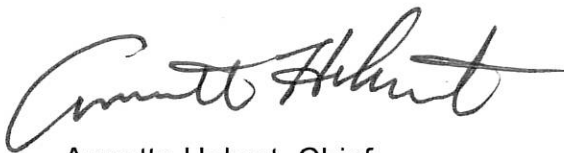
The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 26 day of January 2018.



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

Exhibit A

Make	Model	Year	Engine
Chrysler	200 AWD	2016	3.6L
Chrysler	200 FWD	2016	3.6L
Chrysler	200 Sedan AWD	2016	3.6L
Chrysler	200 Sedan FWD	2016	3.6L
Chrysler	300 AWD	2016-18	3.6L
Chrysler	300 RWD	2016-18	3.6L
Chrysler	Town & Country FWD	2016-18	3.6L
Dodge	Challenger RWD	2016-18	3.6L
Dodge	Charger AWD	2016-18	3.6L
Dodge	Charger RWD	2016-18	3.6L
Dodge	Durango AWD	2016-17	3.6L
Dodge	Durango RWD	2016-17	3.6L
Dodge	Grand Caravan FWD	2016-18	3.6L
Dodge	Journey AWD	2016-18	3.6L
Jeep	Grand Cherokee 4x2	2016-17	3.6L
Jeep	Grand Cherokee 4x4	2016-17	3.6L
Jeep	Wrangler 4WD Unlimited	2016-17	3.6L
Jeep	Wrangler 4WD	2016-17	3.6L
Ram	1500 4x2	2016-18	3.6L
Ram	1500 4x4	2016-18	3.6L
Ram	1500 HRE 4x2	2016-18	3.6L
Chrysler	200 AWD	2015	3.6L
Chrysler	200 FWD	2015	3.6L
Chrysler	200 Sedan AWD	2015	3.6L
Chrysler	200 Sedan FWD	2015	3.6L
Chrysler	300 AWD	2015	3.6L
Chrysler	300 RWD	2015	3.6L
Chrysler	Town & Country FWD	2015	3.6L
Dodge	Challenger RWD	2015	3.6L
Dodge	Charger AWD	2015	3.6L
Dodge	Charger RWD	2015	3.6L
Dodge	Durango AWD	2015	3.6L
Dodge	Durango RWD	2015	3.6L
Dodge	Grand Caravan FWD	2015	3.6L
Dodge	Journey AWD	2015	3.6L
Jeep	Grand Cherokee 4x2	2015	3.6L
Jeep	Grand Cherokee 4x4	2015	3.6L
Jeep	Wrangler 4WD Unlimited	2015	3.6L
Jeep	Wrangler 4WD	2015	3.6L
Ram	1500 4x2	2015	3.6L
Ram	1500 4x4	2015	3.6L
Ram	1500 HRE 4x2	2015	3.6L
Chrysler	200 Convertible FWD	2014	3.6L
Chrysler	200 Sedan FWD	2014	3.6L

Exhibit A

Make	Model	Year	Engine
Chrysler	300 AWD	2014	3.6L
Chrysler	300 RWD	2014	3.6L
Chrysler	Town & Country FWD	2014	3.6L
Dodge	Avenger Sedan FWD	2014	3.6L
Dodge	Challenger RWD	2014	3.6L
Dodge	Charger AWD	2014	3.6L
Dodge	Charger RWD	2014	3.6L
Dodge	Durango 2WD	2014	3.6L
Dodge	Durango AWD	2014	3.6L
Dodge	Grand Caravan FWD	2014	3.6L
Dodge	Journey AWD	2014	3.6L
Dodge	Journey FWD	2014	3.6L
Jeep	Grand Cherokee 4x2	2014	3.6L
Jeep	Grand Cherokee 4x4	2014	3.6L
Jeep	Wrangler 4WD Unlimited	2014	3.6L
Jeep	Wrangler 4WD	2014	3.6L
Ram	1500 4WD	2014	3.6L
Ram	1500 HRE RWD	2014	3.6L
Ram	1500 RWD	2014	3.6L
Chrysler	200 Convertible FWD	2013	3.6L
Chrysler	200 Sedan FWD	2013	3.6L
Chrysler	300 AWD	2013	3.6L
Chrysler	300 RWD	2013	3.6L
Chrysler	Town & Country FWD	2013	3.6L
Chrysler	Town & Country FWD	2013	3.6L
Dodge	Avenger Sedan FWD	2013	3.6L
Dodge	Challenger RWD	2013	3.6L
Dodge	Charger AWD	2013	3.6L
Dodge	Charger RWD	2013	3.6L
Dodge	Durango 2WD	2013	3.6L
Dodge	Durango 4WD	2013	3.6L
Dodge	Grand Caravan FWD	2013	3.6L
Dodge	Grand Caravan FWD	2013	3.6L
Dodge	Journey AWD	2013	3.6L
Dodge	Journey FWD	2013	3.6L
Jeep	Grand Cherokee 2WD	2013	3.6L
Jeep	Grand Cherokee 4WD	2013	3.6L
Jeep	Wrangler 4WD Unlimited	2013	3.6L
Jeep	Wrangler 4WD	2013	3.6L
Ram	1500 4WD	2013	3.6L
Ram	1500 HRE RWD	2013	3.6L
Ram	1500 RWD	2013	3.6L
Volkswagen	Routan FWD	2013	3.6L
Chrysler	200 Convertible FWD	2012	3.6L

Exhibit A

Make	Model	Year	Engine	
Chrysler	200 Sedan FWD	2012	3.6L	
Chrysler	300 AWD	2012	3.6L	
Chrysler	300 RWD	2012	3.6L	
Chrysler	Town & Country FWD	2012	3.6L	
Dodge	Avenger Sedan FWD	2012	3.6L	
Dodge	Challenger RWD	2012	3.6L	
Dodge	Charger AWD	2012	3.6L	
Dodge	Charger RWD	2012	3.6L	
Dodge	Durango 2WD	2012	3.6L	
Dodge	Durango AWD	2012	3.6L	
Dodge	Grand Caravan FWD	2012	3.6L	
Dodge	Journey AWD	2012	3.6L	
Dodge	Journey FWD	2012	3.6L	
Jeep	Grand Cherokee 2WD	2012	3.6L	
Jeep	Grand Cherokee 4WD	2012	3.6L	
Jeep	Grand Cherokee AWD	2012	3.6L	
Jeep	Wrangler 4WD Unlimited	2012	3.6L	
Jeep	Wrangler 4WD	2012	3.6L	
Chrysler	200 Convertible FWD	2011	3.6L	
Chrysler	200 Sedan FWD	2011	3.6L	
Chrysler	300 RWD	2011	3.6L	
Chrysler	Town & Country FWD	2011	3.6L	
Dodge	Avenger Sedan FWD	2011	3.6L	
Dodge	Challenger RWD	2011	3.6L	
Dodge	Charger RWD	2011	3.6L	
Dodge	Durango 2WD	2011	3.6L	
Dodge	Durango AWD	2011	3.6L	
Dodge	Grand Caravan FWD	2011	3.6L	
Dodge	Journey FWD	2011	3.6L	
Jeep	Grand Cherokee 2WD	2011	3.6L	
Jeep	Grand Cherokee 4WD	2011	3.6L	
				Part #
Jeep	Grand Cherokee SRT8	2012-14	6.4L	15354, 153560
Jeep	Grand Cherokee SRT8	2015-18	6.4L	15356, 153560
Dodge/Chrysler	Charger, Challenger, 300, SRT8	2015-18	6.4L	15172, 151720
Dodge/Chrysler	Charger, Challenger, 300	2015-18	5.7L	1517, 15170
Dodge/Chrysler	Charger, Challenger, 300	2011-14	6.4L	15177, 151770
Ram	1500 (All) & 1500 HRE (All)	2009-14	5.7	1538, 15380
Ram	1500 (All) & 1500 HRE (All)	2015-18	5.7	15175, 15380
Dodge/Chrysler	Charger, Challenger, 300	2011-14	5.7L	15176, 151760

