CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-488-44

Relating to Exemptions Under Section 27156
of the Vehicle Code

Magnuson Products, Inc.
General Motors V8 Supercharger Kit

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 installation of the General Motors V8 Supercharger Kit manufactured and marketed by Magnuson Products, Inc. of 1990 Knoll Drive, Ventura, California 93003 has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the California Vehicle Code for the following General Motors applications listed in Exhibit A

The General Motors V8 Supercharger Kit includes the following main components: Supercharger compressor and intake manifold plenum, larger fuel injectors (except 2014 to 2018 model year), new air filter cartridge and intake tube assembly, air to water intercooler, and new fuel and timing map calibrations. The throttle body is moved to the supercharger inlet. All other emission-related components are in the stock location relative to the throttle body. The stock crankshaft pulley, 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. Maximum boost is limited to 7 psi.

This Executive Order shall not apply to any General Motors V8 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.

This Executive Order is valid provided that the installation instructions for the General Motors V8 Supercharger Kit 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 device, as exempted by the California Air Resources Board, that adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of this device using any identification other than that shown in this Executive Order or marketing of this device 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 that the use of this device 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 2017 model year 5.3L General Motors Silverado, 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.

	CVS-75 FTP			
	NMOG+NOx	CO	PM	HCHO
Standards, UL	0.125	2.1	0.003	0.004
Device Test w/df, 2 test avg.	0.086	1.1	0.001	0.002

Useful Life SFTP	NMOG+NOx	CO
Emission Level (Composite w/ df)	0.066	0.7
Standards	0.120 (BIN)	4.2

Test results showed that the General Motors V8 Supercharger Kit, when 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. General Motors V8 Supercharger Kit when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

In addition, 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 GENERAL MOTORS V8 SUPERCHARGER KIT.

No claims 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 7th day of June 2018.

D. Lorenzo

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

Exhibit A

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size	Max Boost (PSI)
2018	Chevrolet	C15 Silverado 2WD	5.3L	01-19-53-179-BL	87 mm	7
LEV3 / ULEV125	Chevrolet	C1500 Suburban 2WD		01-19-53-183-BL		
	Chevrolet	C15 Tahoe 2WD		01-19-53-187-BL		
LDT3 / LDT4	Chevrolet	K15 Silverado 4WD		01-19-53-191-BL		
	Chevrolet	K15 Suburban 4WD				
	Chevrolet	K1500 Tahoe 4WD		01-23-53-183-BL	105 mm	7
	GMC	C15 Sierra 2WD				
	GMC	C1500 Yukon 2WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K15 Sierra 4WD				
	GMC	K1500 Yukon 4WD				
	GMC	K1500 Yukon XL 4WD				
2018	Cadillac	Escalade 2WD	6.2L	01-19-62-181-BL	84 mm	7
LEV3 / ULEV125	Cadillac	Escalade 4WD		01-19-62-186-BL		
	Chevrolet	C15 Silverado 2WD		01-19-62-189-BL		
LDT4	GMC	C15 Sierra 2WD		01-19-62-193-BL		
	GMC	C1500 Yukon 2WD		01-19-62-195-BL		
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Sierra 4WD		01-23-62-186-BL	96 mm	7
	GMC	K1500 Yukon 4WD		01-23-62-195-BL		
	GMC	K1500 Yukon XL 4WD				
2018	Chevrolet	C25 Silverado 2wd	6.0L	01-23-60-027-BL	3.9"	7
LEV3 / ULEV250	Chevrolet	C35 Silverado 2wd		01-23-60-025-BL		
	Chevrolet	K25 Silverado 4wd				
	Chevrolet	K35 Silverado 4wd				
	GMC	C25 Sierra 2wd				
	GMC	C35 Sierra 2wd				
	GMC	K25 Sierra 4wd				
	GMC	K35 Sierra 4wd				
2018	Chevrolet	C35 Silverado 2wd	6.0L	01-23-60-027-BL	3.9"	7
LEV3 / ULEV400	Chevrolet	K35 Silverado 4wd		01-23-60-025-BL		
	Chevrolet	K3500 Suburban 4wd				
	GMC	C35 Sierra 2wd				
	GMC	K35 Sierra 4wd				
2017	Chevrolet	C15 Silverado 2WD	5.3L	01-19-53-179-BL	87 mm	7
LEV3 / ULEV125	Chevrolet	C1500 Suburban 2WD		01-19-53-183-BL		
	Chevrolet	C15 Tahoe 2WD		01-19-53-187-BL		
LDT3 / LDT4	Chevrolet	K15 Silverado 4WD		01-19-53-191-BL		
	Chevrolet	K15 Suburban 4WD				
	Chevrolet	K1500 Tahoe 4WD		01-23-53-183-BL	105 mm	7
	GMC	C15 Sierra 2WD				
	GMC	C1500 Yukon 2WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K15 Sierra 4WD				
	GMC	K1500 Yukon 4WD				
	GMC	K1500 Yukon XL 4WD				
2017	Cadillac	Escalade 2WD	6.2L	01-19-62-181-BL	84 mm	7
LEV3 / ULEV125	Cadillac	Escalade 4WD		01-19-62-186-BL		
	Chevrolet	C15 Silverado 2WD		01-19-62-189-BL		
LDT4	GMC	C15 Sierra 2WD		01-19-62-193-BL		
	GMC	C1500 Yukon 2WD		01-19-62-195-BL		
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Sierra 4WD		01-23-62-186-BL	96 mm	7
	GMC	K1500 Yukon 4WD		01-23-62-195-BL		
	GMC	K1500 Yukon XL 4WD				

Exhibit A

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size	Max Boost (PSI)
2017 LEV3 / ULEV250	Chevrolet	C25 Silverado 2wd	6.0L	01-23-60-027-BL	3.9"	7
	Chevrolet	C35 Silverado 2wd		01-23-60-025-BL		
	Chevrolet	K25 Silverado 4wd				
	Chevrolet	K35 Silverado 4wd				
	GMC	C25 Sierra 2wd				
	GMC	C35 Sierra 2wd				
	GMC	K25 Sierra 4wd				
	GMC	K35 Sierra 4wd				
2017 LEV3 / ULEV400	Chevrolet	C35 Silverado 2wd	6.0L	01-23-60-027-BL	3.9"	7
	Chevrolet	K35 Silverado 4wd		01-23-60-025-BL		
	Chevrolet	K3500 Suburban 4wd				
	GMC	C35 Sierra 2wd				
	GMC	K35 Sierra 4wd				
2016 LEV2 / ULEV	Chevrolet	C15 Silverado XFE 2wd	5.3L	01-19-53-179-BL	87 mm	7
	Chevrolet	C15 Silverado 2wd		01-19-53-183-BL		
	GMC	C15 Sierra XFE 2wd		01-19-53-187-BL		
	GMC	C15 Sierra 2wd		01-19-53-191-BL		
	Chevrolet	K1500 Suburban 4wd				
	Chevrolet	K1500 Tahoe 4wd		01-23-53-183-BL	105 mm	7
	GMC	C1500 Yukon 2wd				
	Chevrolet	K1500 Tahoe 4wd				
	Chevrolet	C1500 Siverado 2wd				
	GMC	K15 Sierra 4wd				
	GMC	K1500 Yukon 4wd				
	Chevrolet	K15 Silverado 4wd				
	GMC	C1500 Yukon XL 2wd				
	GMC	C1500 Yukon XL 4wd				
	Chevrolet	C1500 Suburban 4wd				
	GMC	K1500 Yukon XL 4wd				
2016 LEV2 / ULEV	Cadillac	Escalade 2wd	6.2L	01-19-62-181-BL	84 mm	7
	Cadillac	Escalade 4wd		01-19-62-186-BL		
	Cadillac	Escalade ESV 2wd		01-19-62-189-BL		
	Cadillac	Escalade ESV 4wd		01-19-62-193-BL		
	Chevrolet	C15 Silverado 2wd		01-19-62-195-BL		
	Chevrolet	K15 Silverado 4wd				
	GMC	C15 Sierra 2wd		01-23-62-186-BL	96 mm	7
	GMC	C1500 Yukon 2wd		01-23-62-195-BL		
	GMC	C1500 Yukon XL 2wd				
	GMC	K15 Sierra 4wd				
	GMC	K1500 Yukon 4wd				
	GMC	K1500 Yukon XL 4wd				
	GMC	K10 Yukon XL AWD				
	Cadillac	Escalade ESV AWD				
	GMC	C10 Yukon XL 2wd				
	GMC	K10 Yukon Denali AWD				
	GMC	C10 Yukon 2wd				
	Cadillac	Escalade AWD				

Exhibit A

Year	Make	Model		Kit Part Number	Pulley Size (in)	Max Boost (PSI)
2013 LEV2 / ULEV	Chevrolet	G1500 Express 2wd Cargo	5.3	01-19-59-995-BL	3.7	7
	GMC	G1500 Savana 2wd Cargo		01-19-59-995-CH		
	Chevrolet	H1500 Express AWD Cargo		01-19-59-996-BL	3.7	7
	Chevrolet	G1500 Express Conv 2wd Cargo		01-19-59-996-CH		
	Chevrolet	H1500 Express AWD Pass				
	Chevrolet	C10 Tahoe 2wd				
	GMC	C10 Yukon 2wd				
	Chevrolet	K10 Tahoe 4wd				
	GMC	K10 Yukon 4wd				
	Chevrolet	G1500 Express 2wd Pass				
	Chevrolet	C10 Suburban 2wd				
	GMC	H1500 Savana Conv AWD Cargo				
	Chevrolet	G1500 Express Conv 2wd Cargo				
	GMC	G1500 Savana 2wd Pass				
	GMC	C10 Yukon XL 2wd				
	Chevrolet	K10 Avalanche 4wd				
	Chevrolet	K10 Suburban 4wd				
	GMC	K10 Yukon 4wd				
	GMC	G1500 Savana Conv 2wd Cargo				
	GMC	H1500 Savana AWD Cargo				
	GMC	H1500 Savana AWD Pass				
	Chevrolet	C1500 Avalanche 2wd				

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (in)	Max Boost (PSI)
2007 - 2013 LEV2 / ULEV	GMC	Canyon 2wd	5.3	01-19-60-031-BL	3.8	7
	GMC	Canyon 4wd		01-19-60-031-CH		
	GMC	Canyon Crew 2wd				
	GMC	Canyon Crew 4wd				
	Chevrolet	Colorado 2wd				
	Chevrolet	Colorado 4wd				
	Chevrolet	Colorado Crew 2wd				
	Chevrolet	Colorado Crew 4wd				
2007 - 2013 LEV2 / ULEV		C15 Sierra 2wd	4.8	01-19-59-985-BL	4.1	7
		C15 Siverado 2wd		01-19-59-985-CH		
		K15 Sierra 4wd		01-19-59-993-BL		
		K15 Silverado 4wd		01-19-59-993-CH		
		C15 Sierra 2wd		01-19-59-995-BL		
				01-19-59-995-CH		
				01-19-59-996-BL		
				01-19-59-996-CH		
				01-19-60-001-BL		
				01-19-60-001-CH		
				01-19-60-003-BL		
				01-19-60-003-CH		

Exhibit A

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size	Max Boost (PSI)
2015 / 2016 LEV3 / LEV395	Chevrolet	C25 Silverado 2wd	6.0L	01-23-60-027-BL	3.9"	7
	Chevrolet	C35 Silverado 2wd		01-23-60-025-BL		
	Chevrolet	K25 Silverado 4wd				
	Chevrolet	K35 Silverado 4wd				
	GMC	C25 Sierra 2wd				
	GMC	C35 Sierra 2wd				
	GMC	K25 Sierra 4wd				
	GMC	K35 Sierra 4wd				
2015 / 2016 LEV3 / ULEV400	Chevrolet	C35 Silverado 2wd	6.0L	01-23-60-027-BL	3.9"	7
	Chevrolet	K35 Silverado 4wd		01-23-60-025-BL		
	Chevrolet	K3500 Suburban 4wd				
	GMC	C35 Sierra 2wd				
	GMC	K35 Sierra 4wd				
2014-2015 LEV2 / ULEV	Chevrolet	C15 Silverado XFE 2wd	5.3L	01-19-53-179-BL	87 mm	7
	Chevrolet	C15 Silverado 2wd		01-19-53-183-BL		
	GMC	C15 Sierra XFE 2wd		01-19-53-187-BL		
	GMC	C15 Sierra 2wd		01-19-53-191-BL		
	Chevrolet	K1500 Suburban 4wd				
	Chevrolet	K1500 Tahoe 4wd		01-23-53-183-BL	105 mm	7
	GMC	C1500 Yukon 2wd				
	Chevrolet	K1500 Tahoe 4wd				
	Chevrolet	C1500 Siverado 2wd				
	GMC	K15 Sierra 4wd				
	GMC	K1500 Yukon 4wd				
	Chevrolet	K15 Silverado 4wd				
	GMC	C1500 Yukon XL 2wd				
	GMC	C1500 Yukon XL 4wd				
	Chevrolet	C1500 Suburban 4wd				
	GMC	K1500 Yukon XL 4wd				
2014 - 2015 LEV2 / ULEV	Cadillac	Escalade 2wd	6.2	01-19-62-181-BL	84 mm	7
	Cadillac	Escalade 4wd		01-19-62-186-BL		
	Cadillac	Escalade ESV 2wd		01-19-62-189-BL		
	Cadillac	Escalade ESV 4wd		01-19-62-193-BL		
	Chevrolet	C15 Silverado 2wd		01-19-62-195-BL		
	Chevrolet	K15 Silverado 4wd				
	GMC	C15 Sierra 2wd		01-23-62-186-BL	96 mm	7
	GMC	C1500 Yukon 2wd		01-23-62-195-BL		
	GMC	C1500 Yukon XL 2wd				
	GMC	K15 Sierra 4wd				
	GMC	K1500 Yukon 4wd				
	GMC	K1500 Yukon XL 4wd				
	GMC	K10 Yukon XL AWD				
	Cadillac	Escalade ESV AWD				
	GMC	C10 Yukon XL 2wd				
	GMC	K10 Yukon Denali AWD				
	GMC	C10 Yukon 2wd				
	Cadillac	Escalade AWD				

Exhibit A

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (in)	Max Boost (PSI)
2007 - 2013 ULEV	Chevrolet	CK20 Silverado 2500HD	6.0	01-19-60-018-BL	3.4	7
	GMC	CK20 Sierra 2500HD		01-19-60-018-CH		
	Chevrolet	CK30 Silverado 3500HD		01-19-60-007-BL	3.4	
	GMC	CK30 Sierra 3500HD		01-19-60-007-CH		
	Chevrolet	CK31 Silverado 3500 Cab/Chassis		01-19-60-015-BL	3.4	
	GMC	CK31 Sierra 3500 Cab/Chassis		01-19-60-015-CH		
	Chevrolet	G30 Express Commercial Cutaway 3500				
	GMC	CK31 Savana Special Cutaway 3500				
	GMC	C25 Sierra 2wd				
	Chevrolet	C25 Silverado 2wd				
	GMC	K25 Sierra 4wd				
	Chevrolet	K25 Silverado 4wd				
	GMC	C35 Sierra 2wd				
	Chevrolet	C35 Silverado 2wd				
	GMC	K35 Sierra 4wd				
	Chevrolet	K35 Silverado 4wd				
	GMC	C35 Sierra 2wd				
	Chevrolet	C35 Silverado 2wd				
	GMC	K35 Sierra 4wd				
	Chevrolet	K35 Silverado 4wd				

Exhibit A

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (in)	Max Boost (PSI)
2007 - 2013 LEV2 / ULEV	Chevrolet	C1500 Tahoe 2wd	5.3	01-19-59-985-BL	3.7	7
	GMC	C1500 Yukon 2wd		01-19-59-985-CH		
	Chevrolet	K1500 Tahoe 4wd		01-19-59-993-BL		
	GMC	K1500 Yukon 4wd		01-19-59-993-CH		
	GMC	C15 Sierra 2wd		01-19-59-995-BL		
	Chevrolet	C15 Silverado 2wd		01-19-59-995-CH		
	GMC	K15 Sierra 4wd		01-19-59-996-BL		
	Chevrolet	K15 Silverado 4wd		01-19-59-996-CH		
	GMC	C15 Sierra 2wd XFE		01-19-60-001-BL		
	Chevrolet	C15 Silverado 2wd XFE		01-19-60-001-CH		
	Chevrolet	G1500 Express 2wd Cargo		01-19-60-003-BL		
	Chevrolet	G1500 Express 2wd Pass		01-19-60-003-CH		
	Chevrolet	G1500 Express Conv 2wd Cargo				
	GMC	G1500 Savana 2wd Cargo				
	GMC	G1500 Savana 2wd Pass				
	GMC	G1500 Savana Conv 2wd Cargo				
	Chevrolet	H1500 Express AWD Cargo				
	Chevrolet	H1500 Express AWD Pass				
	Chevrolet	H1500 Express Conv AWD Cargo				
	GMC	H1500 Savana AWD Cargo				
	GMC	H1500 Savana AWD Pass				
	GMC	H1500 Savana Conv AWD Cargo				
	Chevrolet	C1500 Avalanche 2wd				
	Chevrolet	C1500 Suburban 2wd				
	GMC	C1500 Yukon XL 2wd				
	Chevrolet	C1500 Avalanche 4wd				
	Chevrolet	C1500 Suburban 4wd				
	GMC	C1500 Yukon XL 4wd				
	GMC	K 1500 Yukon XL 4wd				

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (in)	Max Boost (PSI)
2007 - 2013 LEV2/ULEV	GMC	C1500 Yukon 2wd	6.2	01-19-60-007-BL	3.3	7
	GMC	K1500 Yukon Denali AWD		01-19-60-007-CH		
	GMC	C15 Sierra 2wd		01-19-60-008-BL	3.3	
	GMC	C15 Sierra 4wd		01-19-60-008-CH		
	GMC	C15 Sierra AWD				
	Cadillac	Escalade 2wd		01-19-60-015-BL	3.3	
	Cadillac	Escalade 4wd/AWD		01-19-60-015-CH		
	Chevrolet	C15 Silverado 2wd		01-19-60-016-BL	3.3	
	Chevrolet	K15 Silverado 4wd		01-19-60-016-CH		
	GMC	C1500 Yukon XL 2wd				
	GMC	C1500 Yukon XL 4wd		01-19-60-018-BL	3.3	
	Cadillac	Escalade ESV 2wd		01-19-60-018-CH		
	Cadillac	Escalade ESV 4wd		01-19-60-019-BL	3.3	
	Cadillac	Escalade EXT AWD		01-19-60-019-CH		
	Chevrolet	C1500 Avalanche 2wd				
	Chevrolet	C1500 Suburban 2wd				
	Chevrolet	C1500 Avalanche 4wd				
	Chevrolet	C1500 Suburban 4wd				