



EXECUTIVE ORDER D-488-46

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Magnuson Products
Magnuson TVS Supercharger System

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 Magnuson TVS Supercharger System, manufactured and marketed by Magnuson Products of 1990 Knoll Drive Ventura, California 93003, 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 vehicle applications listed in Exhibit A.

The Magnuson TVS Supercharger System consists of the following main components: 1.9L TVS supercharger and intake manifold plenum, larger fuel injectors, new air filter cartridge, air to water intercooler, and new fuel and timing map calibrations. The stock fuel pump is replaced with a high-output pump (on the 2003-2006 model year vehicles along with the 2007 model year Sierra and Silverado Classics only). The throttle body is moved to the supercharger inlet. All other emission-related components are in the stock location relative to the throttle body. Supercharger pulley specifications range from 84mm to 104mm depending on engine displacement for which the kit is installed. All crankshaft pulleys are stock and maximum boost is limited to 7 pounds per square inch (PSI).

This Executive Order is valid provided that the installation instructions for the Magnuson TVS Supercharger System will not recommend tuning the vehicle to specifications different from those that have been specified by Magnuson Products.

Changes made to the design or operating conditions of the Magnuson TVS Supercharger System, 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.

This Executive Order shall not apply to any Magnuson TVS Supercharger System 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 Magnuson TVS Supercharger System using any identification other than that shown in this Executive Order or marketing of the Magnuson TVS Supercharger System 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 Magnuson TVS Supercharger System may have on any warranty either expressed or implied by the vehicle manufacturer.

Exemption of the Magnuson TVS Supercharger System shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order is granted based on previously submitted emission test data generated in support of Executive Orders D-488-9 and D-488-44.

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 MAGNUSON TVS SUPERCHARGER SYSTEM.

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 21st day of May 2019.



for Allen Lyons, Chief

Emissions Compliance, Automotive Regulations and Science Division

Exhibit A

Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (mm)	Max Boost (PSI)
2009	Chevrolet	TrailBlazer SS 2WD	6.0L	01-19-60-105-BL	84	7
		TrailBlazer SS AWD				
2009	Hummer	H2 4WD	6.2L	01-19-60-023-BL	84	7
		H2 SUT 4WD				
2008	Chevrolet	C15 Silverado 2WD	4.8L	01-19-60-001-BL	104	7
	Chevrolet	K15 Silverado 4WD				
	GMC	C15 Sierra 2WD				
	GMC	K15 Sierra 4WD				
	Chevrolet	C1500 Tahoe 2WD				
	GMC	C1500 Yukon 2WD				
2008	GMC	C15 Sierra 2WD	5.3L	01-19-60-001-BL	94	7
	GMC	K15 Sierra 4WD				
	Chevrolet	C1500 Avalanche 2WD				
	Chevrolet	C1500 Suburban 2WD				
	Chevrolet	K1500 Avalanche 4WD				
	Chevrolet	K1500 Suburban 4WD				
	Chevrolet	C15 Silverado 2WD				
	Chevrolet	K15 Silverado 4WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Yukon XL 4WD				
	GMC	C15 Sierra 2WD				
	GMC	K15 Sierra 4WD				
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	K1500 Tahoe 4WD				
	GMC	C1500 Yukon 2WD				
	GMC	K1500 Yukon 4WD				
	2008	Chevrolet				
Chevrolet		TrailBlazer SS AWD				
2008	Hummer	H2 4WD	6.2L	01-19-60-023-BL	84	7
		H2 SUT 4WD				
2007	GMC	C1500 Yukon 2WD	4.8L	01-19-59-985-BL	104	7
	Chevrolet	C1500 Silverado 2WD		01-19-59-993-BL		
	Chevrolet	K15 Silverado 4WD				
	GMC	C15 Sierra 2WD				
	GMC	K15 Sierra 4WD				
	Chevrolet	K1500 Suburban 4WD				
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	C1500 Silverado Classic 2WD				
	Chevrolet	K1500 Silverado Classic 4WD				
	GMC	C1500 Sierra Classic 2WD				
GMC	K1500 Sierra Classic 4WD					

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Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (mm)	Max Boost (PSI)
2007	Chevrolet	K1500 Tahoe 4WD	5.3L	01-19-59-985-BL	94	7
	Chevrolet	K1500 Avalanche 4WD		01-19-59-993-BL		
	Chevrolet	K1500 Suburban 4WD				
	GMC	C1500 Yukon 2WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Yukon 4WD				
	GMC	K1500 Yukon XL 2WD				
	GMC	C15 Sierra 2WD				
	GMC	K15 Sierra 4WD				
	Chevrolet	C15 Silverado 2WD				
	Chevrolet	K15 Silverado 4WD				
	Chevrolet	C1500 Avalanche 2WD				
	Chevrolet	C1500 Suburban 2WD				
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	C1500 Silverado Classic 2WD				
	Chevrolet	K1500 Silverado Classic 4WD				
GMC	C1500 Sierra Classic 2WD					
GMC	K1500 Sierra Classic 4WD					
2007	Chevrolet	TrailBlazer SS 2WD	6.0L	01-19-60-105-BL	84	7
	Chevrolet	TrailBlazer SS AWD				
		SSR Pickup 2WD				
2006	Chevrolet	C1500 Silverado 2WD	4.8L	01-19-59-985-BL	104	7
	Chevrolet	C1500 Tahoe 2WD		01-19-59-987-BL		
	Chevrolet	K1500 Silverado 4WD				
	Chevrolet	K1500 Tahoe 4WD				
	GMC	C1500 Sierra 2WD				
	GMC	C1500 Yukon 2WD				
	GMC	K1500 Sierra 4WD				
	GMC	K1500 Yukon 4WD				
2006	Chevrolet	C1500 Silverado 3WD	5.3L	01-19-59-985-BL	94	7
	Chevrolet	C1500 Tahoe 2WD		01-19-59-987-BL		
	Chevrolet	C1500 Avalanche 2WD		01-19-59-993-BL		
	Chevrolet	C1500 Suburban 2WD				
	Chevrolet	K1500 Silverado 4WD				
	Chevrolet	K1500 Tahoe 4WD				
	Chevrolet	K1500 Avalanche 4WD				
	Chevrolet	K1500 Suburban 4WD				
	GMC	C1500 Sierra 2WD				
	GMC	C1500 Yukon_2WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Sierra 4WD				
	GMC	K1500 Yukon 4WD				
GMC	K1500 Yukon XL 4WD					
2006	Chevrolet	TrailBlazer SS 2WD	6.0L	01-19-60-105-BL	84	7
	Chevrolet	TrailBlazer SS AWD				
	Chevrolet	SSR Pickup 2WD				

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Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (mm)	Max Boost (PSI)	
2006	Chevrolet	K1500 Silverado 4WD	6.0L	01-19-59-985-BL	86	7	
	Chevrolet	C1500 Silverado 2WD		01-19-59-987-BL			
	Cadillac	Escalade AWD					
	Cadillac	Escalade 2WD					
	GMC	K1500 Sierra 4WD					
	GMC	K1500 Sierra AWD					
	GMC	K1500 Yukon 4WD					
	GMC	C1500 Sierra 2WD					
	Cadillac	Escalade ESV AWD					
	Cadillac	Sescalade EXT AWD					
	Chevrolet	K1500 Suburban AWD					
	GMC	K1500 Yukon XL AWD					
	Hummer	H2 4WD					
Hummer	H2 SUT 4WD						
2005	Chevrolet	C1500 Silverado 2WD	4.8L	01-19-59-985-BL	104	7	
	Chevrolet	K1500 Silverado 4WD		01-19-59-987-BL			
	GMC	C1500 Sierra 2WD					
	GMC	K1500 Sierra 4WD					
	Chevrolet	C1500 Tahoe 2WD					
	Chevrolet	K1500 Tahoe 4WD					
	GMC	C1500 Yukon 2WD					
	GMC	K1500 Yukon 4WD					
2005	Cadillac	Escalade 2WD	5.3L	01-19-59-985-BL	94	7	
	Chevrolet	C1500 Silverado 2WD		01-19-59-987-BL			
	Chevrolet	C1500 Tahoe 2WD		01-19-59-993-BL			
	Chevrolet	C1500 Avalanche 2WD					
	Chevrolet	C1500 Suburban 2WD					
	Chevrolet	K1500 Silverado 4WD					
	Chevrolet	K1500 Tahoe 4WD					
	Chevrolet	K1500 Avalanche 4WD					
	Chevrolet	K1500 Suburban 4WD					
	Chevrolet	K1500 Suburban AWD					
	GMC	C1500 Sierra 2WD					
	GMC	C1500 Yukon 2WD					
	GMC	C1500 Yukon XL 2WD					
	GMC	K1500 Sierra 4WD					
	GMC	K1500 Yukon 4WD					
	GMC	K1500 Yukon AWD					
	GMC	K1500 Yukon XL 4WD					
2005	Cadillac	Escalade 2WD	6.0L	01-19-59-985-BL	86	7	
	Cadillac	Escalade EXT AWD		01-19-59-987-BL			
	Cadillac	Escalade AWD					
	Cadillac	Escalade ESV AWD					
	Chevrolet	C1500 Silverado 2WD					
	Chevrolet	K1500 Silverado 4WD					
	Chevrolet	K1500 Silverado AWD					
	GMC	K1500 Yukon AWD					
	GMC	C1500 Sierra 2WD					
	GMC	K1500 Sierra AWD					
	GMC	K1500 Yukon XL AWD					
	Hummer	H2 4WD					
	Hummer	H2 SUT 4WD					

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Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (mm)	Max Boost (PSI)
2004	Chevrolet	C1500 Silverado 2WD	4.8L	01-19-59-985-BL	104	7
	Chevrolet	K1500 Silverado 4WD		01-19-59-987-BL		
	GMC	C1500 Sierra 2WD				
	GMC	K1500 Sierra 4WD				
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	K1500 Tahoe 4WD				
	GMC	C1500 Yukon 2WD				
	GMC	K1500 Yukon 4WD				
2004	Cadillac	Escalade 2WD	5.3L	01-19-59-985-BL	94	7
	Chevrolet	C1500 Silverado 2WD		01-19-59-987-BL		
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	C1500 Avalanche 2WD				
	Chevrolet	C1500 Suburban 2WD				
	Chevrolet	K1500 Silverado 4WD				
	Chevrolet	K1500 Silverado AWD				
	Chevrolet	K1500 Tahoe 4WD				
	Chevrolet	K1500 Avalanche AWD				
	Chevrolet	K1500 Avalanche 4WD				
	Chevrolet	K1500 Suburban 4WD				
	Chevrolet	K1500 Suburban AWD				
	GMC	C1500 Sierra 2WD				
	GMC	C1500 Yukon 2WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Sierra 4WD				
	GMC	K1500 Sierra AWD				
	GMC	K1500 Yukon 4WD				
	GMC	K1500 Yukon AWD				
	GMC	K1500 Yukon XL AWD				
GMC	K1500 Yukon XL 4WD					
2004	Cadillac	Escalade EXT AWD	6.0L	01-19-59-985-BL	86	7
	Cadillac	Escalade AWD		01-19-59-987-BL		
	Cadillac	Escalade ESV AWD				
	Chevrolet	C1500 Silverado 2WD				
	Chevrolet	K1500 Silverado 4WD				
	Chevrolet	K1500 Silverado AWD				
	GMC	K1500 Yukon AWD				
	GMC	C1500 Sierra 2WD				
	GMC	K1500 Sierra AWD				
	GMC	K1500 Yukon XL AWD				
Chevrolet	CK10					
GMC	CK10					
2003	Chevrolet	C1500 Silverado 2WD	4.8L	01-19-59-983-BL	104	7
	Chevrolet	K1500 Silverado 4WD				
	GMC	C1500 Sierra 2WD				
	GMC	K1500 Sierra 4WD				
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	K1500 Tahoe 4WD				
	GMC	C1500 Yukon 2WD				
	GMC	K1500 Yukon 4WD				

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Year	Make	Model	Engine Size (L)	Kit Part Number	Pulley Size (mm)	Max Boost (PSI)
2003	Cadillac	Escalade 2WD	5.3L	01-19-59-983-BL	94	7
	Chevrolet	C1500 Silverado 2WD				
	Chevrolet	C1500 Tahoe 2WD				
	Chevrolet	C1500 Avalanche 2WD				
	Chevrolet	C1500 Suburban 2WD				
	Chevrolet	K1500 Silverado 4WD				
	Chevrolet	K1500 Silverado AWD				
	Chevrolet	K1500 Tahoe 4WD				
	Chevrolet	K1500 Avalanche AWD				
	Chevrolet	K1500 Avalanche 4WD				
	Chevrolet	K1500 Suburban 4WD				
	Chevrolet	K1500 Suburban AWD				
	GMC	C1500 Sierra 2WD				
	GMC	C1500 Yukon 2WD				
	GMC	C1500 Yukon XL 2WD				
	GMC	K1500 Sierra 4WD				
	GMC	K1500 Sierra AWD				
	GMC	K1500 Yukon 4WD				
GMC	K1500 Yukon AWD					
GMC	K1500 Yukon XL AWD					
GMC	K1500 Yukon XL 4WD					
2003	Cadillac	Escalade EXT AWD	6.0L	01-19-59-983-BL	86	7
	Cadillac	Escalade AWD				
	Cadillac	Escalade ESV AWD				
	Chevrolet	C1500 Silverado 2WD				
	Chevrolet	K1500 Silverado 4WD				
	Chevrolet	K1500 Silverado AWD				
	Chevrolet	K1500 Silverado SS AWD				
	GMC	K1500 Yukon AWD				
	GMC	C1500 Sierra 2WD				
	GMC	K1500 Sierra AWD				
	GMC	K1500 Yukon XL AWD				
	Chevrolet	CK10				
	GMC	CK10				