

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-58  
Relating to Exemptions under Section 27156  
of the Vehicle Code

Car Sound Exhaust System, Inc. (d.b.a. Magnaflow)  
"Series 46000 OBD II Compliant Three-way Catalytic Converter"

WHEREAS, Vehicle Code Sections 27156 and Section 2222(h), Title 13, California Code of Regulations (hereafter "CCR"), authorize the California Air Resources Board and its Executive Officer to exempt new aftermarket catalytic converters from the prohibitions of Vehicle Code Section 27156.

WHEREAS, Car Sound Exhaust System, Inc. (Car Sound) of 22961 Arroyo Vista, Rancho Santa Margarita, California 92688, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Section 27156 to market its new aftermarket Series 46000 three-way catalytic converter (TWC) for installation on selected 1995 through 1999 model year Nissan passenger cars (PC) and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-58 and incorporated herein. The Series 46000 TWC will be used for single (one unit) exhaust system applications for selected Nissan PC and LDT1.

Series 46000 TWC may also be installed on non-OBD II vehicles (1995 and older) similar in engine and exhaust configuration to those listed in Appendix D-193-58.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converter was based on durability bench-aging by Delphi Energy and Chassis Systems using Air Resources Board-modified RAT-A bench-aging cycle for 75 hours, as specified in the "Optional Evaluation Procedures for New Aftermarket Non-original Equipment Catalytic Converters Equipped with On-Board Diagnostic II (OBD II) Systems."

WHEREAS, previous emissions and OBD II compatibility tests conducted by Car Sound Exhaust System, Inc. using a vehicle of a weight classification and exhaust configuration similar to those listed in Appendix D-193-58 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-193-41, it was determined that the installation of Series 46000 TWC on the vehicles listed in Appendix D-193-58 meets the requirements of California regulations for aftermarket catalytic converters.

OBD II compatibility tests performed on the same test vehicle showed that Series 46000 TWC did not affect the vehicle's ability to perform OBD II system monitoring.

IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions in Vehicle Code Section 27156 for installation on the vehicles listed in Appendix D-193-58 subject to the following conditions:


1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of these products shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converter as individual devices.
3. Any oral or written references to this Executive Order or its content by Car Sound Exhaust System, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converter and is only a finding that the catalytic converter is exempt from the prohibitions of Vehicle Code Section 27156.
4. Car Sound Exhaust System, Inc.'s installation instructions for the new catalytic converter must conform to requirements in Paragraphs I and X of the "Optional Evaluation Procedures for New Aftermarket Non-original Equipment Catalytic Converters Equipped with On-Board Diagnostic II (OBD II) Systems."
5. Upon installation, the catalytic converter must carry a manufacturer's warranty for 50,000 miles on the substrates and 50,000 miles or five years on the shell and end pipes.
6. Car Sound Exhaust System, Inc. and its vendors may not advertise the new aftermarket catalytic converter as a "high or easy flow" catalytic converter or use any phrase that could make them appear to perform better than an OEM catalytic converter.
7. The new aftermarket catalytic converter substrate may not be sold or supplied to a third party by Car Sound, its associates, vendors, other businesses, and individuals associated with Car Sound, to be assembled in a different facility and marketed under this Executive Order.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones

described in this Executive Order must be approved by Air Resources Board prior to shipment.

9. Car Sound must submit the required quality audit and production quantity reports for its aftermarket catalytic converter semi-annually, covering the periods January 1 through June 30, and July 1 through December 31.

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 it, during 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 15<sup>th</sup> day of July 2008.

  
Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-193-58

Car Sound Exhaust System, Inc. Series 46000 for Nissan PC and LDT1

No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit						
1	1995	Nissan	200 SX	1.6 L	SNS1.6VJG2EK	TLEV	PC	S	TWC	1	1	46035	TBD						
			Sentra										46706						
2			200 SX SE-R	2.0 L	SNS2.0VJGFEK	TIER1						TBD							
3			G20									46034	46707						
4	240 SX		2.4 L	SNS2.4VJGFFK	TIER1	46005						TBD							
5	1996		200 SX	1.6 L	TNS1.6VJG2EK	TLEV						LDT1	PC	S	TWC	1	1	46035	46706
			Sentra																46706
6			200 SX	2.0 L	TNS2.0VJGFEK	TIER1												TBD	
7			Sentra															46034	46707
8			G20															46034	46707
9			Pickup	2.4 L	TNS2.41JG1EK	TIER1												LDT1	46006
10			240 SX															PC	46005
11	Pickup		LDT1									46006							
12	1997		240 SX	2.4 L	VNS2.41JGKEK	TIER1						LDT1	PC	S	TWC	1	1	46005	TBD
13		240 SX	VNS2.4VJGKFK				46005												
14	1998	200 SX	2.0 L	WNSXV02.0A2A	TIER1	LDT1	PC	S	TWC	1	1	46035	TBD						
		Sentra										46035							
13		240SX	2.4 L	WNSXV02.4A3B	TIER1							46005							
14	1999	200 SX	2.0 L	XNSXV02.0A2A	TIER1	LDT1	PC	S	TWC	1	1	46035	TBD						
		G20										46035							
		Sentra																	