

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-59
Relating to Exemptions under Section 27156
of the Vehicle Code

Car Sound Exhaust System, Inc.
"Series 44000/41000 OBD II Compliant Three-way Catalytic Converters"

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 44000 and 41000 three-way catalytic converters (TWC) for installation on selected 1995 through 2004 model year Nissan passenger cars (PC) and light-duty trucks (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-59 and incorporated herein. The Series 44000 will be used as front catalytic converters (1 unit or 2 units) for single or dual exhaust systems, and Series 41000 used as rear catalytic converter (1 unit or 2 units) for multiple catalytic converter applications.

Series 44000 and 41000 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-193-59.

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 converters comply with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of Series 44000 and 41000 was based on durability bench-aging by Delphi Energy and Chassis Systems using Air Resources Board-modified RAT-A bench-aging cycle for 75 and 100 hours respectively 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-193-59 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-193-54, it was determined that the installation of Series 44000/41000 TWC on the vehicles listed in Appendix D-193-59 meets the requirements of California regulations for aftermarket catalytic converters.

IT IS HEREBY RESOLVED that the above catalytic converters are exempt from the prohibitions in Vehicle Code Section 27156 for installation on the vehicles listed in Appendix D-193-59 subject to the following conditions:

1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their 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 converters using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converters 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 converters 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 converters and is only a finding that the catalytic converters are exempt from the prohibitions of Vehicle Code Section 27156.
4. Car Sound Exhaust System, Inc.'s installation instructions for the new catalytic converters 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 converters 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 converters as "high or easy flow" catalytic converters or use any phrase that could make them appear to perform better than an OEM catalytic converters.
7. The new aftermarket catalytic converters 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 converters 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 converters 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 22nd day of August 2008.


for Annette Hebert, Chief
Mobile Source Operations Division

APPENDIX D-193-59

Car Sound Exhaust System, Inc. Series 44000/41000 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		300ZX	3.0 L	SNS3.0VJGFEA	TIER1	PC	D	2TWC	2	2	44005	TBD	
2			J30		SNS3.0VJGEEA				2WUTWC/2TWC	4		44006/41006		
3			300ZX Turbo		SNS3.0VJG1EK			D/Y	2WUTWC/TWC	3	44004/41004	TBD/41760		
4			Maxima		SNS3.0VJG1FK			WUTWC/TWC	2	1	44005/41005	TBD/41760		
5	1996		Altima	2.4 L	TNS2.4VJG2EK	TLEV	PC	S	TWC(2)	2	1	44005/41005	TBD/41705	
6			Stanza		TNS3.0VJGFEK				D/Y	2WUTWC/TWC		3	44004/44004	TBD
7			Maxima/I30	3.0 L	TNS3.0VJGFGK	TIER1		D	2TWC	2	2	44005	TBD	
8			300ZX		TNS3.0VJGFHK				44740/44741					
9			300ZX Turbo		TNS3.0VJGFHK				2WUTWC/2TWC	4		44006/41006	TBD	
10	1997		200SX	1.6 L	VNS1.6VJG3EK	LEV	S	TWC(2)	2	1	44005/41005	44707/TBD		
11			Sentra		VNS2.4VJG2EK						TLEV	44004/44004	TBD	
12			Altima	3.0 L	VNS3.0VJG1FK	TIER1		D	2TWC	2	44005	44740/44741		
13			Stanza		VNS3.0VJGFEK			D/Y	2WUTWC/TWC		3	44005/41005	44503/41704	
14	J30	4.1 L	VNS4.1VJG1EK		D	2TWC	44006	TBD						
15	1998	Nissan	Frontier	2.4 L	WNSXT02.423B	TLEV	LDT1	S	TWC(2)	2	1	44006/41006	41445	
16			200SX	1.6 L	WNSXV01.631A	LEV	PC					WUTWC/TWC	44005/41005	44707/TBD
17			Sentra	2.4 L	WNSXV02.433B	LEV			D/Y	2WUTWC/TWC	3	2	TBD	
18			Altima	3.0 L	WNSXV03.0A6A	TIER1			D	2TWC	44006	TBD		
19			Maxima/I30	4.1 L	WNSXV04.117A				D	TWC(2)	2	1	44006/41006	41445
20	Q45	2.4 L	XNSXT02.423A	TLEV	LDT1	S		TWC(2)					2	1
21	1999		Frontier	1.6 L	XNSXV01.631A	LEV	PC	S	WUTWC/TWC	3	2	44005/41005	TBD	
22			200SX		XNSXV02.433A				LEV			WUTWC/TWC(2)	44503/41704	
23			Sentra	2.4 L	XNSXV03.026A	TLEV		D	TWC(2)	4	2	1	44006/41006	41445
24			Altima	3.0 L	XNSXV04.1A7A	TIER1							S	TWC(2)
25	2000		Maxima/I30	4.1 L	YNSXV04.1A7A	TIER1	PC	D/Y	2TWC/TWC	3	2	44005/41005	TBD/41705	
26			Q45	2.4 L	YNSXT02.423A	TLEV								LDT1
27			Frontier	2.0 L	YNSXV02.0C9B	LEV		PC	S	TWC(2)	2	1	44006/41036	TBD
28			Sentra/G20	2.4 L	YNSXV02.433A									
29			Altima	3.0 L	YNSXV03.036A	TIER1			D/Y	2TWC/TWC	3	2	44005/41005	TBD
30	Maxima/I30	4.1 L	YNSXV04.1A7A	D	2TWC(2)		4							
31	2001		Frontier	2.4 L	1NSXT02.4C4A		LDT1		S	TWC(2)	2	1	44006/41036	TBD
32			Sentra Se/G20	2.0 L	1NSXV02.0C3A	LEV	PC	44005/41005						
			Altima	2.4 L	1NSXV02.4C4A		PC					44005/41005	TBD/41705	

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33	2001	Nissan	Maxima/I30	3.0 L	1NSXV03.0C6A	LEV	PC	D/Y	2TWC/TWC	3	2	44005/41005	TBD									
34			Q45	4.1 L	1NSXV04.1A8A	TIER1		D	2TWC(2)	4		44006/41006										
35	Altima		2.4 L	1NSXX02.4C4A	LEV	LDT1	S	TWC(2)	2	1	44005/41005	TBD/41705										
36	Frontier			2NSXT02.4C4B							44006/41006	41446										
37	2002		G20	2.0 L	2NSXV02.0C3A	LEV	PC	D	2TWC	3	2	44006/41036	TBD									
38			Sentra Se-R	2.5 L	2NSXV02.5C5A							44005										
39			Altima 3.5Se	3.5 L	2NSXV03.5C6A							44005/41005										
40			Maxima/I35		2NSXV04.5B8A							TLEV		D	2TWC(2)	4	44006/41006					
41	2003		Frontier	2.4 L	3NSXT02.4C4A	LEV	LDT1	S	TWC(2)	2	1	44006/41006	41446									
42			Sentra Se-R Spec-V	2.5 L	3NSXV02.5C5A		PC	D/Y	2TWC/TWC	3	2	2	44005/41005	TBD								
43		Altima 3.5Se	3.5 L	3NSXV03.5C7A	D									2TWC(2)	4	44501/44997						
44		Maxima/I35		D/Y	2TWC/TWC									3	TBD							
45		350Z		3NSXV03.5C7B	D									2TWC(2)	4	44501/44997						
46		M45	4.5 L	3NSXV04.5C8A	LDT1		S	TWC(2)	2	1	44006/41006	TBD										
47		Q45 Lux		4NSXT02.4N4A									LEV	41446								
48		2004	Frontier	2.4 L	4NSXT02.4N4A		LEV	PC	D/Y	2TWC/TWC	3	2	44005/41005	TBD								
49	Sentra Se-R Spec V		2.5 L	4NSXV02.5N5A	D	2TWC(2)									4							
50	Sentra 2.5S			4NSXV02.5S5A	D/Y	2TWC/TWC									3							
51	Altima 3.5Se		3.5 L	4NSXV03.5N7A	LDT1	S									TWC(2)	2	1	44006/41006	TBD			
52	G35			4NSXV03.5N7C																D	2TWC(2)	4
53	I35			4NSXV03.5N7C																D/Y	2TWC/TWC	3
54	350Z/G35	4.5 L	4NSXV03.5N7C	LDT1	D	2TWC(2)	4	2	44006/41006	TBD												
55	M45		4NSXV04.5N8A																			
56	Q45																					