

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-63
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 Toyota passenger cars (PC) and light-duty trucks (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-63 and incorporated herein. The Series 44000 will be used as front catalytic converters for single or dual exhaust systems, and Series 41000 used as rear catalytic converter 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-193-63.

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-193-63 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-193-63 meets the requirements of California regulations for aftermarket catalytic converters.

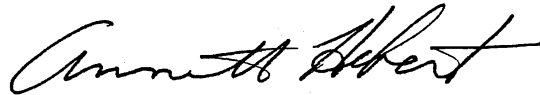
IT IS HEREBY RESOLVED that the above catalytic converters are exempt from the prohibitions in Vehicle Code Section 27156 for installation on the vehicles listed in Appendix D-193-63 subject to the following conditions:

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.

Executive Order D-193-57 dated July 15, 2008, is hereby superseded and of no further force and effect.

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 25 day of August 2008.



Annette Hebert, Chief
Mobile Source Operations Division

APPENDIX D-193-63

Car Sound Exhaust System, Inc. Series 44000/41000 for Toyota 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	1996	Toyota	Rav 4	2.0 L	TTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	44004/41004	TBD		
2	1997			2.0 L	VTY2.01JG2GK									WUTWC/TWC	
3	1998			2.0 L	WTYXT02.0GXJ										
4	1999			2.0 L	XTYXT02.0GXJ										
5	2000			2.0 L	YTYXT02.0FFJ										
6			Tacoma	2.4 L	YTYXT02.4FFJ	TWC(2)									
7				2.7 L	YTYXT02.7FFJ										
8	3.4 L		YTYXT03.4FFH												
9	2001		Rav 4	2.0 L	1TYXT02.0FFH	LEV			D		2TWC	2		2	44004
10			Tacoma	2.4 L	1TYXT02.4FFH				S		TWC(2)			1	44005/41005
11				2.7 L	1TYXT02.7FFH										
12				3.4 L	1TYXT03.4FFH										
13	Rav 4		2.0 L	2TYXT02.0FFH	D	2TWC		2	44004						
14	2002		Tacoma	2.4 L	2TYXT02.7FFH	S		TWC(2)	1	44075/41005	44758/41757				
15				2.7 L							TBD/41757				
16				3.4 L	2TYXT03.4FFH						44759/41770				
17	2003		Rav 4	2.0 L	3TYXT02.0FFH	D		2TWC	2	44004	TBD				
18				Tacoma	2.4 L	3TYXT02.7FFH		S	TWC(2)	1	44075/41005	44758/41757			
19					2.7 L							TBD/41757			
20	3.4 L		3TYXT03.4FFH	44759/41770											
19	2004	Tacoma	2.4 L	4TYXT02.7VMH	S	TWC(2)	1	44075/41005	44758/41757						
20			2.7 L						TBD/41757						
			3.4 L	4TYXT03.4VRH					44759/41770						

Additional Vehicles 1

No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit	
21	1995	Toyota	LS400	4.0 L	STY4.0VJG1GK	TIER1	PC	D/Y	2TWC/TWC	3	2	44004/41005	TBD	
22	1996		Camry	2.2 L	TTY2.2VJG2GK	TLEV		S	TWC(2)	2	1	44005/41005	44004/41004	44801/41769
23			Celica											TBD/41886
24			SC300											3.0 L
25	GS300													
26	Supra		4.0 L	TTY4.0VJGKEK	TLEV	S		TWC(2)	2	1	44004/41004	TBD/41886		
27	Supra Turbo												44007/41005	
28	SC400													
29	1997		LS400	4.0 L	TTY4.0VJGKHK	LEV		D	2TWC	2	2	44005	44005/41005	44882/41750
28	Celica		2.2 L	VTY2.2VJG2GK	TLEV	S		TWC(2)	2	1	44004/41004	TBD/41886		
29	Camry		3.0 L	VTY3.0VJGKEK	TIER1	D		2TWC	2	2	44005	TBD		

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Car Sound Exhaust System, Inc. Series 44000/41000 for Toyota 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	
29	1997	Toyota	Supra	3.0 L	VTY3.0VJGKEK	TIER1	PC	D	2TWC	2	2	44005	TBD	
30			GS300		VTY3.0VJGKHK			S	TWC(2)		1	44007/41005		
31			Supra Turbo	VTY4.0VJGKEK	D			2TWC(2)	4	2	44004/41005			
32			LS 400	VTY4.0VJGKHK										
33	1998		Celica	2.2 L	WTYXV02.2DXD	TLEV		S	TWC(2)	2	1	44004/41004	TBD/41886	
34			Camry	WTYXV02.2GXB	LEV	WUTWC/TWC			44005/41005			44882/41750		
35			GS300	3.0 L	WTYXV03.0BBC	TIER1		D	2TWC	3	2	2	44005/41005	TBD/41880
36			SC300											
36			Supra											
36			Camry/Avalon	4.0 L	WTYXV03.0GXB	LEV		D/Y	2WUTWC/TWC	3	2	2	44005	TBD
37			ES 300											
37			LS400	4.0 L	WTYXV04.0DBB	TIER1		D	2TWC	3	2	1	44005	TBD
38			SC400											
38		GS400												
38	1999	Celica	2.2 L	XTYXV02.2DXD	TLEV	S	TWC(2)	2	1	44004/41004	TBD/41886			
39		Camry/Solara	XTYXV02.2GXB	LEV	WUTWC/TWC		44005/41005			44882/41750				
40		GS 300	3.0 L	XTYXV03.0DBF	TLEV	D	2TWC	3	2	2	44005	TBD		
41		SC300												
42		ES300												
42		RX 300												
43		Avalon	4.0 L	XTYXV03.0GXB	LEV	D/Y	2WUTWC/TWC	3	2	2	44005/41005	TBD/41880		
43		Camry/Solara												
44		GS400	4.0 L	XTYXV04.0DBA	TLEV	D	2TWC	3	2	2	44005	TBD		
44		LS400												
44	SC400													
45	2000	RX 300	3.0 L	YTYXT03.0FFE	LEV	D/Y	2WUTWC/TWC	3	2	2	44005/41005	TBD		
46		MR2	1.8 L	YTYXV01.8FFD	LEV		2TWC/TWC						44004/41004	
47		SC 300	3.0 L	YTYXV03.0DDF	TLEV	D	2TWC	3	2	2	44005	TBD		
48		ES 300												
48		Avalon												
48		GS 300												
49		Camry/Solara	4.0 L	YTYXV04.0DDA	TLEV	D/Y	2WUTWC/TWC	3	2	2	44005/41005	TBD/41880		
50		LS 400												
50		SC 400	1.8 L	1TYXV01.8FFC	LEV	D/Y	2TWC/TWC	3	2	2	44004/41004	TBD/41880		
50		GS 400												
51	2001	MR2	3.0 L	1TYXV03.0FFB	LEV	D/Y	2TWC/TWC	3	2	2	44004/41004	TBD/41880		
52		Camry/Solara												
53														

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No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit			
54	2001	Toyota	Avalon	3.0 L	1TYXV03.0FFC	LEV	PC	D/Y	2WUTWC/TWC	3	2	44005/41005	TBD/41880			
55			ES 300		1TYXV03.0FFD				2WUTWC/TWC			44005/41006	TBD			
56			RX 300		1TYXV03.0FFE				2TWC/TWC			44603/41899				
			IS 300													
57	MR2		1.8 L	2TYXV01.8FFC	44004/41004				TBD							
58	Camry/Solara		3.0 L	2TYXV03.0FFB	2WUTWC/TWC				44005/41005			TBD/41880				
59	Avalon			2TYXV03.0FFD												
60	RX 300			2TYXV03.0FFE	2TWC/TWC				44005/41006			44603/41899				
61	GS 300			2TYXV03.0FFF												
62	2003		Celica	1.8 L	3TYXV01.8FFB			S	TWC(2)	2		D/Y	2WUTWC/TWC	3	44004/41004	TBD
63			MR2		3TYXV01.8FFC											
64			Camry/Solara	3.0 L	3TYXV03.0FFB			2WUTWC/TWC	44005/41005	44603/41899						
65			Avalon		3TYXV03.0FFD											
66			RX 300		3TYXV03.0FFE											
67			GS 300		3TYXV03.0FFF											
			IS 300													
68	MR2	1.8 L	4TYXV01.8VMD	2WUTWC/TWC	44004/41004	TBD										
69	Avalon	3.0 L	4TYXV03.0VMC													
	GS 300		44005/41005													
	IS 300						44005/41006	44603/41899								
70						TBD										