

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-30
Relating to Exemptions under Section 27156
of the Vehicle Code

Car Sound Exhaust System, Inc. (d.b.a. Magnaflow)
"Series 42000 OBD II 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 42000 three-way catalytic converters (TWCs) for installation on selected 1996 through 2000 model year Mercedes-Benz passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-30 and incorporated herein. The Series 42000 TWCs will be used for single (2 units) and dual (4 units) exhaust system applications for selected Mercedes-Benz passenger cars. The catalytic converters will be sold as direct-fit systems only, and not as individual units. The TWCs may also be installed on non-OBD II vehicles (1995 and older) similar in engine and exhaust configuration to those listed in Appendix D-193-30.

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 the catalytic converter was based on durability bench-aging by Delphi Energy and Engine Management 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, emissions tests conducted at the Automotive Testing and Development Services, Inc. (ATDS), Ontario, California, using a 2000 4.3L Mercedes-Benz, test group YMBXV05.0GNB (LEV, PC), with Series 42000 TWCs installed on dual (4 units) exhaust system (two warm-up TWCs and two underbody TWCs) showed that the vehicle met the applicable emission standards. OBD II compatibility tests performed on the same test vehicle showed that Series 42000 TWCs did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below.

ATDS, Ontario, California				
4.3L Mercedes-Benz				
	NMOG	CO	NOx	Remarks
50K Standard	0.075	3.4	0.2	
Test 1	0.037	0.37	0.04	Pass
Test 2	0.032	0.37	0.04	Pass
Average of Tests 1 & 2	0.034	0.37	0.04	Pass

IT IS HEREBY RESOLVED that the above catalytic converters are exempt from the prohibitions in Vehicle Code Section 27156 for installation on the approved vehicle applications specified in Appendix D-193-30 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 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 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 is 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 substrate 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 a "high or easy flow" catalytic converters or use any phrase that could make it appear to perform better than an OEM catalytic converter.

7. Car Sound Exhaust System, Inc., its associates, vendors, other businesses, and individuals may not sell or supply the substrates of the new aftermarket catalytic converters to a third party 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 ARB prior to shipment.

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 7th day of November 2005.



Allen Lyons, Chief
Mobile Source Operations Division

Vehicle listing for Car Sound Series 42000 converters (Mercedes Benz)

Model Year	Vehicle Model	Engine Size	No of Cylinders	Engine Family	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored Converters	Direct Fit	
1996	C220	2.2L	4	TMB2.2VJGKEK	TLEV	single	2	WUTWC,TWC	2	422XX	
	C36	3.6L	6	TMB3.5VJGKEK	TIER1		2	WUTWC,TWC	2	422XX	
	E320	3.2L	6	TMB3.2VJGFEEK			2	WUTWC,TWC	2	422XX	
	S500, SL1500, S420	5.0L	8	TMB5.0VJGFEEK			dual	4	WUTWC,TWC	2	422XX
	S600, SL600	6.0L	12	TMB6.0VJGFEEK	single		2	WUTWC,TWC	2	422XX	
1997	C230	2.3L	4	VMB2.3VJGKEK	TLEV	single	2	WUTWC,TWC	2	422XX	
	C36,SL320	3.6L	6	VMB3.6VJGKEK	TIER1		2	WUTWC,TWC	2	422XX	
	E320	3.2L	6	VMB3.2VJGKEK			2	WUTWC,TWC	2	422XX	
	S500, SL500, S420,E420	5.0L	8	VMB5.0VJGKEK	TLEV		dual	4	WUTWC,TWC	2	422XX
	S600, SL600	6.0L	12	VMB6.0VJGFEEK	TIER1		single	2	WUTWC,TWC	2	422XX
1998	SLK230	2.3L	4	WMBXV02.3GSU	TIER1	single	2	WUTWC,TWC	2	422XX	
	C230	2.3L	4	WMBXV02.3GNU	TLEV		2	WUTWC,TWC	2	422XX	
	S320	3.2L	6	WMBXV03.2GNU	TIER1		2	WUTWC,TWC	2	422XX	
	E430, C43	4.3L	8	WMBXV04.3GNB	LEV		dual	4	WUTWC,TWC	2	422XX
	S420, S500, CL500,SL1000	5.0L	8	WMBXV05.0GNB	TLEV			4	WUTWC,TWC	2	422XX
	S600, SL600, CL600	6.0L	12	WMBXV06.0GNU	TIER1		single	2	WUTWC,TWC	2	422XX
1999	C230, SLK230	2.3L	4	XMBXV02.3GSU	TLEV	single	2	WUTWC,TWC	2	422XX	
	C280, CLK320, E320	3.2L	6	XMBXV03.2GNB	LEV	dual	4	WUTWC,TWC	2	422XX	
	S320	3.2L	6	XMBXV03.2GNU	TIER1	single	2	WUTWC,TWC	2	422XX	
	C43, E430, CLK430,SL1000	5.0L	8	XMBXV05.0GNB	LEV	dual	4	WUTWC,TWC	2	422XX	
	S420, S500, CL500	5.0L	8	XMBXV05.0GND	TLEV		4	WUTWC,TWC	2	422XX	
	SL600, S600, CL600	6.0L	8	XMBXV06.0GNU	TIER1	single	2	WUTWC,TWC	2	422XX	
2000	C230	2.3L	4	YMBXV02.3GSU	TLEV	single	2	WUTWC,TWC	2	422XX	
	C280, CLK320, E320	3.2L	6	YMBXV03.2GNB	LEV	dual	4	WUTWC,TWC	2	422XX	
	S430, E430, SL500, S500, CL500,CKL430	4.3L	8	YMBXV05.0GNB				WUTWC,TWC	2	422XX	
								WUTWC,TWC	2	422XX	
	SL600	6.0L	12	YMBXV06.0GNU	TIER1	single	2	WUTWC,TWC	2	422XX	