

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-38  
Relating to Exemptions under Section 27156  
of the Vehicle Code

Car Sound Exhaust System, Inc. (d.b.a. Magnaflow)  
"Series 42000 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 42000 three-way catalytic converter (TWC) for installation on selected 1996 through 2002 model year Honda passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-38 and incorporated herein. The Series 42000 TWC will be used for single (one unit) exhaust system applications for selected Honda passenger cars.

The 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-193-38.

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 aftermarket 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, emissions tests conducted at the Automotive Testing and Development Services, Inc. (ATDS), Ontario, California, using a 1998 2.3L Honda Accord equipped with a single (one unit) exhaust system, and certified to the Low Emission Vehicle (LEV, PC) emission standards showed that the vehicle met the applicable emission standards with Series 42000 TWC (one unit) installed.

OBD II compatibility tests performed on the same test vehicle showed that Series 42000 TWC 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				
2.3L Honda Accord Test				
	NMOG	CO	NOx	Remarks
100K Standard	0.090	4.2	0.3	
Test 1	0.086	1.9	0.1	Pass
Test 2	0.090	1.4	0.1	Pass
Average of Tests 1 & 2	0.088	1.6	0.1	Pass

IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions in Vehicle Code Section 27156 for installation on the approved vehicle applications specified in Appendix D-193-38 subject to the following conditions:

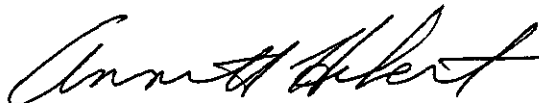
1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
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 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 converter 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 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 ARB prior to shipment.

Executive Order D-193-31 dated November 7, 2005, 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 23 day of August 2006.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-193-38

Car Sound Series 42000 for Honda passenger Cars

Model Year	Make	Vehicle Model	Engine Size	No of Cylinders	Engine Family	Certification Level	Total Converters	Monitored Converters	Universal	Direct Fit
1996	ACURA	INTEGRA	1.8 L	4	THN1.8VJGFEK	Tier1	1	1	42034	42629
		3.0 CL	3.0 L	6	THN3.0VJGKEK					TBD
		3.2TL	3.2 L	6	THN3.2VJGKEK					TBD
	HONDA	ACCORD	2.2 L	4	THN2.2VJGKEK					42636
1997	ACURA	INTEGRA	1.8 L	4	VHN1.8VJGKEK	Tier 1	1	1	42034	42629
		3.0 CL	3.0 L	6	THN3.0VJG2EK	TLEV				TBD
		3.2TL	3.2 L	6	VHN3.2VJGKEK	Tier 1				TBD
	HONDA	ACCORD	2.2L	4	VHN2.2VJGKEK	Tier 1				42004
1998	ACURA	INTEGRA	1.8 L	4	WHNXV01.8WA1	Tier 1	1	1	42034	42629
		3.0 CL	3.0 L	6	WHNXV03.0ZL2	TLEV				TBD
		3.2TL	3.2 L	6	WHNXV03.2HA1	Tier1				TBD
	HONDA	CR-V. EX, EX, LX 4WD	2.0 L	4	WHNXT02.0UL2	TLEV			42004	42605
		Accord DX Sedan	2.3 L	4	WHNXV02.3PL2	TLEV				42602
		Accord LX, EX	2.3 L	4	WHNXV02.3PA3	LEV				TBD
Accord EX, LX	3.0 L	6	WHNXV03.0FL2	TLEV						
1999	ACURA	INTEGRA	1.8 L	4	XHNXV01.8WA1	Tier 1	1	1	42034	42629
		3.0 CL	3.0 L	6	XHNXV03.0ZL2	TLEV				TBD
		3.2TL	3.2 L	6	XHNXV03.2GL2	TLEV				TBD
	Honda	CR-V. EX, EX, LX 4WD	2.0 L	4	XHNXT02.0UA2	LEV			42004	42605
		Accord	2.3 L	4	XHNXV02.3PA3	TLEV				42602
		Accord DX Sedan	2.3 L	4	XHNXV02.3PL2	TLEV				TBD
Accord EX, LX	3.0 L	6	XHNXV03.0FL2	TLEV						
2000	Honda	CR-V. EX, EX, LX 4WD	2.0 L	4	YHNX02.0UA2	LEV	1	1	42004	42605
		Accord	2.3 L	4	YHNXV2.3PA3					42602

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APPENDIX D-193-38

**CAR SOUND EXHAUST SYSTEM, INC. SERIES 42000 VEHICLE LISTING**  
**Honda/Acura Passenger Cars 1996-2001**

**Additional Vehicles**

Year	Make	Model	Cylinder	Engine	ENG FAMLY	Certif Level	Total	Montioered	Universal	Direct Fits
1996	HONDA	ACCORD	4	2.2L	THN2.2VJG1EK	TIER1	1	1	42034	42636
1998	HONDA	PRELUDE VTEC, VTEC-R	4	2.2L	WHNXV02.2SA1	TIER1				42604
1999	HONDA	PRELUDE, PRELUDE TYPE-SH	4	2.2L	XHNXV02.2SA1	TIER 1				42602
2000	HONDA	ACCORD	4	2.3L	YHNXV02.3PA3	LEV				42603
2000	HONDA	ACCORD	6	3.0L	YHNXV03.0FA3					42604
2001	HONDA	PRELUDE, SE, TYPE-SH	4	2.2L	1HNXV02.2E14	TIER 1				42603
2001	HONDA	ACCORD LX, LX-SE, EX	6	3.0L	1HNXV03.0M5U	LEV				TBD
2001	ACURA	3.2 CL	6	3.2L	1HNXV03.2K5U					

APPENDIX D-193-38

CAR SOUND EXHAUST SYSTEM, INC. SERIES 42000 for HONDA/ACURA Passenger Cars and Light Duty Trucks 1

Additional Vehicles 2

No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1	2002	HONDA	ACURA 3.2TL, 3.2 CL	3.2	2HNXV03.2X21	PC	LEV	S	1	TWC	1	42054	TBD
2			S2000	2.0	2HNXV02.0DYC							42055	
3			ACCORD LX/EX SEDAN, ACCORD LX/EX COUPE	3.0	2HNXV03.0WYC							42054	42603
4			ACURA NSX TARGA	3.0/3.2	2HNXV03.2AYC			D	2	2TWC	2	42035	TBD
5			ACURA 3.2TL, 3.2CL	3.2	2HNXV03.2JYC			S	1	TWC	1	42054	
6			ACURA 3.5RL	3.5	2HNXV03.5BYC							42055	
7			ACCORD DX, DX-VP SEDAN	2.3	2HNXV02.3PNP							42054	42602