

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-112
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Car Sound Exhaust Systems, Inc. (d.b.a. Magnaflow)
"Series 408000 Three-Way Catalytic Converter"

WHEREAS, Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(h) authorize the California Air Resources Board and its Executive Officer to exempt new aftermarket catalytic converters from the prohibitions of Vehicle Code Sections 27156 and 38391.

WHEREAS, Car Sound Exhaust Systems, Inc. of 22961 Arroyo Vista, Rancho Santa Margarita, California 92688 has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Sections 27156 and 38391 to market its new aftermarket series 408000 three-way catalytic converter (TWC) on select 1995 through 2002 model-year passenger cars (PC) and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-193-112 and incorporated herein. Series 408000 TWC will be used on a single or multiple catalytic converter applications and sold as universal or direct fit parts.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief of the Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Lotus Engineering, Inc. using the Air Resources Board-modified RAT-A bench-aging cycle for 100 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

WHEREAS, emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using a 1998 model-year 2.4 liter Toyota Tacoma (Tier 1, LDT1, WTYXT02.4BBH) with series 408000 TWC showed that the vehicle met the applicable emission standards and that series 408000 TWC did not falsely cause the malfunction indicator light to illuminate. Federal test procedure emission standards and test results in grams per mile are shown below:

	NMHC	CO	NOx
LDT1 100K Tier 1 standards	0.31	4.2	0.6
1998 Tacoma test 1	0.24	2.8	0.2
1998 Tacoma test 2	0.24	2.8	0.2

WHEREAS, Car Sound Exhaust Systems, Inc. conducted proper malfunction indicator light illumination demonstration with series 408000 TWC on the same 1998 model-year 2.4 liter Toyota Tacoma and demonstrated compliance with the requirements in Section (e)(5)(B) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust Systems, Inc.'s series 408000 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-112 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 Executive 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 applications 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 Systems, 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 in Vehicle Code Sections 27156 and 38391.
4. Car Sound Exhaust Systems, Inc.'s installation instructions for the new catalytic converters must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.
5. Installation of the catalytic converters shall not cause the relocation of any oxygen sensors. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converters must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.
7. Car Sound Exhaust Systems, Inc. and its vendors may not advertise the new aftermarket catalytic converters as "high flow" or "easy flow" catalytic converters or use any phrase that could make them appear to perform better than the original equipment manufacturer catalytic converters.

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 the Air Resources Board prior to shipment.
9. Car Sound Exhaust Systems, Inc., its associates, vendors, other businesses and individuals associated with Car Sound Exhaust Systems, Inc. may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.
10. Car Sound Exhaust Systems, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.
12. Car Sound Exhaust Systems, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.
13. Car Sound Exhaust Systems, Inc.'s vehicle application catalog must conform to the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-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 30 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 15th day of July 2013.


Erik White, Chief
Mobile Source Operations Division

Appendix D-193-112
Car Sound Exhaust Systems, Inc. 408000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
985	1997	Toyota	Tercel	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408004	ALL
986	1997	Toyota	Tercel	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
987	1997	Toyota	Tercel	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408898	ALL
988	1998	Toyota	Paseo	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408004	ALL
989	1998	Toyota	Paseo	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
990	1998	Toyota	Paseo	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408898	ALL
991	1998	Toyota	Tacoma	2.4	WTYXT02.4BBH	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	408004	2WD
992	1998	Toyota	Tacoma	2.4	WTYXT02.4BBH	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	408005	2WD
993	1998	Toyota	Tacoma	2.4	WTYXT02.4BBH	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	408006	2WD
994	1998	Toyota	Tercel	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408004	ALL
995	1998	Toyota	Tercel	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
996	1998	Toyota	Tercel	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408898	ALL
997	1999	Toyota	Tacoma	2.4	XTYXT02.4BBH	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	408004	2WD
998	1999	Toyota	Tacoma	2.4	XTYXT02.4BBH	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	408005	2WD
999	1999	Toyota	Tacoma	2.4	XTYXT02.4BBH	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	408006	2WD
1000	1996	Volkswagen	Golf	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408034	ALL
1001	1996	Volkswagen	Golf	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408035	ALL
1002	1996	Volkswagen	Golf	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408036	ALL
1003	1996	Volkswagen	Golf	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408931	ALL
1004	1996	Volkswagen	Jetta	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408034	ALL
1005	1996	Volkswagen	Jetta	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408035	ALL
1006	1996	Volkswagen	Jetta	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408036	ALL
1007	1996	Volkswagen	Jetta	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408931	ALL
1008	1997	Volkswagen	Cabrio	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408034	ALL
1009	1997	Volkswagen	Cabrio	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408035	ALL
1010	1997	Volkswagen	Cabrio	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408036	ALL
1011	1997	Volkswagen	Cabrio	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408931	ALL
1012	1997	Volkswagen	Golf	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408034	ALL
1013	1997	Volkswagen	Golf	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408035	ALL
1014	1997	Volkswagen	Golf	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408931	ALL
1015	1997	Volkswagen	Jetta	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408034	ALL
1016	1997	Volkswagen	Jetta	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408035	ALL
1017	1997	Volkswagen	Jetta	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408036	ALL
1018	1997	Volkswagen	Jetta	2	VVV2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408931	ALL
1019	1995	Volvo	850	2.4	SVV2.4VJGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
1020	1995	Volvo	850	2.4	SVV2.4VJGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408006	ALL
1021	1996	Volvo	850	2.3	TVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
1022	1996	Volvo	850	2.3	TVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408006	ALL
1023	1996	Volvo	850	2.3	TVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408601	ALL
1024	1997	Volvo	850	2.3	VVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
1025	1997	Volvo	850	2.3	VVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408006	ALL

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1026	1998	Volvo	V70	2.3	WVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
1027	1998	Volvo	V70	2.3	WVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408006	ALL
1028	1998	Volvo	V70	2.3	WVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408603	ALL
1029	1998	Volvo	V70	2.4	WVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408005	ALL
1030	1998	Volvo	V70	2.4	WVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	408006	ALL
1031	1998	Volvo	V70	2.4	WVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	408603	ALL