

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-26
Relating to Exemptions under Section 27156
of the Vehicle Code

Car Sound Exhaust System, Inc.
"Three-way Catalytic Converter Series 43000"

WHEREAS, Vehicle Code Sections 27156, and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(h), authorize the California Air Resources Board (ARB) 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 ARB for exemption from the prohibitions in Vehicle Code Sections 27156 to market their new aftermarket series 43000 three-way catalytic converter (TWC) on 2001 and older Dodge and Jeep trucks and vans equipped with an on-board diagnostic II (OBD-II) system as specified in Appendix D-193-26 (Pages 1-5) and incorporated herein. The application coverage excludes vehicles equipped with a warm-up catalyst. The TWC will be used in single and dual parallel underbody vehicle applications. The series 43000 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-193-26 (Pages 1-5).

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, the ARB 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 catalytic converter was based on durability bench-aging by Delphi Engine and Chassis Systems using the ARB-modified RAT-A bench-aging cycle for 100 hours, as specified for category 2 vehicles 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 (ATDS), Ontario, California, with Series 43000 TWC installed on a 1999 5.9L Dodge Durango, test group XCRXA0360H32, certified to the Medium-Duty Vehicle 2, Low Emission Vehicle emission standards (MDV2, LEV), showed that the catalytic converter met the applicable emission standards. The following are the test results in grams per mile:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
MDV2 120K LEV standards	0.230	6.4	0.6
Average with Series 43000 TWC	0.217	4.4	0.5

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 A 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 ARB 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 ARB. Exemption of this product 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.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after 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.

Executive Order No. D-193-25 dated July 16, 2003, is hereby superseded and is no longer of further force and effect.

Executed at El Monte, California, this 20th day of November 2003.



Allen Lyons, Chief
Mobile Source Operations Division

APPENDIX D-193-26

CATALOG LISTING FOR CAR SOUND SERIES 43000 CONVERTERS (DODGE/JEEP TRUCKS)

MAKE	MODEL	# of Cyl.	Engine (l.)	Year	Cert. Level	Weight Category	Engine Family	Direct Fit	Universal	Converters Per Vehicle	OE Part Numbers
DODGE FULL SIZE VANS											
Dodge	VAN B1500/B2500	6	3.9L	1986	Tier 1	MDV2	TCR239H8G1EK	43296	43037	Single	52020264
Dodge	VAN B1500/B2500	6	3.9L	1987	Tier 1	MDV2	TCR239H8G1EK	43296	43037	Single	52020225
Dodge	VAN B1500/B2500	6	3.9L	1988	Tier 1	MDV2	TCR239H8G1EK	43295	43037	Single	5202029AB
Dodge	VAN B1500/B2500	6	3.9L	1989	Tier 1	MDV2	TCR239H8G1EK	43295	43037	Single	5202029AB
Dodge	VAN B1500/B2500	6	3.9L	2000	Tier 1	MDV2	TCR239H8G1EK	TBD	43037	Single	52103346AD
Dodge	VAN B1500/B2500	6	3.9L	2001	Tier 1	MDV2	TCR239H8G1EK	TBD	43037	Single	52103346AE
DODGE FULL SIZE VANS											
Dodge	VAN B1500/B2500/B3500	8	5.2L	1986	Tier 1	MDV2	TCR3182B8G1EK	43296	43037	Single	52020265
Dodge	VAN B1500/B2500/B3500	8	5.2L	1987	Tier 1	MDV2	TCR3182B8G1EK	43296	43037	Single	52020265
Dodge	VAN B1500/B2500/B3500	8	5.2L	1987	Tier 1	MDV2	TCR3182B8G1EK	43296	43037	Single	52020222
Dodge	VAN B1500/B2500/B3500	8	5.2L	1987	Tier 1	MDV2	TCR3182B8G1EK	43296	43037	Single	52020222
Dodge	VAN B1500/B2500/B3500	8	5.2L	1988	Tier 1	MDV2	TCR3182B8G1EK	43296	43037	Single	52020222
Dodge	VAN B1500/B2500/B3500	8	5.2L	1989	Tier 1	MDV2	TCR3182B8G1EK	43296	43037	Single	52020222
Dodge	VAN B1500/B2500/B3500	8	5.2L	1989	Tier 1	MDV2	TCR3182B8G1EK	43295	43037	Single	52103350AA
Dodge	VAN B1500/B2500/B3500	8	5.2L	1989	Tier 1	MDV2	TCR3182B8G1EK	43295	43037	Single	52103350AA
Dodge	VAN B1500/B2500/B3500	8	5.2L	2000	Tier 1	MDV2	TCR3182B8G1EK	TBD	43037	Single	52103441AD
Dodge	VAN B1500/B2500/B3500	8	5.2L	2000	Tier 1	MDV2	TCR3182B8G1EK	TBD	43037	Single	52103441AD
Dodge	VAN B1500/B2500/B3500	8	5.2L	2001	Tier 1	MDV2	TCR3182B8G1EK	TBD	43037	Single	52103441AE
DODGE FULL SIZE VANS											
Dodge	VAN B1500/B2500/B3500	8	5.9L	1986	Tier 1	MDV2	TCR360H8G1EK	43296	43037	Single	52020285
Dodge	VAN B1500/B2500/B3500	8	5.9L	1987	Tier 1	MDV2	TCR360H8G1EK	43296	43037	Single	52020222
Dodge	VAN B1500/B2500/B3500	8	5.9L	1988	Tier 1	MDV2	TCR360H8G1EK	43295	43037	Single	52103351AA
Dodge	VAN B1500/B2500/B3500	8	5.9L	1988	Tier 1	MDV2	TCR360H8G1EK	43295	43037	Single	52103351AA
Dodge	VAN B1500/B2500/B3500	8	5.9L	2000	Tier 1	MDV2	TCR360H8G1EK	TBD	43037	Single	52103347AD
Dodge	VAN B1500/B2500/B3500	8	5.9L	2000	Tier 1	MDV2	TCR360H8G1EK	TBD	43037	Single	52103347AD
Dodge	VAN B1500/B2500/B3500	8	5.9L	2001	Tier 1	MDV2	TCR360H8G1EK	TBD	43037	Single	52103347AE
Dodge	VAN Cab Chassis 3500 4wd HDV	8	5.9L	2001	Tier 1	MDV4	TCR360H8G1EK	TBD	43037	Single	TBD
DODGE SUVs											
Dodge	Durango	6	3.9L	1988	Tier 1	MDV2	WCRCXA0239H12	TBD	43006	Single	TBD
Dodge	Durango	6	3.9L	1999	Tier 1	MDV2	WCRCXA0239H12	TBD	43006	Single	TBD

CATALOG LISTING FOR CAR SOUND SERIES 43000 CONVERTERS (DODGE/JEEP TRUCKS)

MAKE	MODEL	# of Cyl	Engine (l)	Year	Cert. Level	Weight Category	Engine Family	Direct Fit	Universal	Converters Per Vehicle	OE Part Numbers
DODGE	SUVs										
Dodge	Durango	8	5.2L	1988	LEV	MDV2	WCXRA0360H32	43280	43006	Single	52103383AB
Dodge	Durango	8	5.2L	1999	LEV	MDV2	XCXRA0360H32	43280	43006	Single	52103383AB
Dodge	Durango	8	5.2L	2000	LEV	MDV2	YCXRA0360H32	43280	43006	Single	52103374AC
Dodge	Durango	8	5.9L	1998	LEV	MDV2	WCXRA0360H32	43280	43006	Single	52103383AB
Dodge	Durango	8	5.9L	1999	LEV	MDV2	XCXRA0360H32	43280	43006	Single	52103383AB
Dodge	Durango	8	5.9L	2000	LEV	MDV2	YCXRA0360H32	43280	43006	Single	52103374AC
DODGE	FULL SIZE PICKUPS										
Dodge	PU 1500	6	3.9L	1996	Tier 1	MDV2	TCR239H8G1EK	43285	43037	Single	52019292
Dodge	PU 1500	6	3.9L	1997	Tier 1	MDV2	WCR239H8G1EK	43285	43037	Single	52103174
Dodge	PU 1500	6	3.9L	1998	Tier 1	MDV2	WCXRA0239H11	43285	43037	Single	52103222AA
Dodge	PU 1500	6	3.9L	1999	Tier 1	MDV2	XCXRA0239H11	43285	43037	Single	52103222AA
Dodge	PU 1500	6	3.9L	2000	Tier 1	MDV2	YCXRA0239H11	TBD	43037	Single	52103203AB
Dodge	PU 1500/2500 2WD	8	5.2L	1996	Tier 1	MDV2	TCR360H8G1EK	43285	43037	Single	52019294
Dodge	PU 1500/2500 2WD	8	5.2L	1997	Tier 1	MDV2	WCR318H8G1EK	43285	43037	Single	52013202
Dodge	PU 1500/2500 2WD/4WD	8	5.2L	1997	Tier 1	MDV2	VCXRA0360H8G1EL	43285	43037	Single	52013202
Dodge	PU 1500/2500 2WD	8	5.2L	1997	Tier 1	MDV2	VCXRA0360H8G1EL	43285	43037	Single	52013202
Dodge	PU 1500/2500 4WD	8	5.2L	1997	Tier 1	MDV2	VCXRA0360H8G1EL	43285	43037	Single	52013202
Dodge	PU 1500/2500 4WD	8	5.2L	1998	Tier 1	MDV2	WCXRA0318H11	43285	43037	Single	52013202
Dodge	PU 1500/2500	8	5.2L	1998	LEV	MDV2	WCXRA0360H31	43285	43037	Single	52103225AC
Dodge	PU 1500/2500	8	5.2L	1999	LEV	MDV2	XCXRA0360J31	43285	43037	Single	52103225AC
Dodge	PU 1500/2500	8	5.2L	2000	Tier 1	MDV2	YCXRA0360J11	43285	43037	Single	52103203AB
Dodge	PU 1500/2500	8	5.2L	2001	Tier 1	MDV2	TCXRA0360J18	TBD	43037	Single	5210378AH
Dodge	PU 1500/2500	8	5.9L	1996	Tier 1	MDV2	TCR360H8G1EK	43285	43037	Single	52019294
Dodge	PU 1500/2500/3500	8	5.9L	1997	Tier 1	MDV3	VCXRA0360H8G1EL	43285	43037	Single	52013202
Dodge	PU 1500/2500/3500	8	5.9L	1997	Tier 1	MDV3	VCXRA0360H8G1EL	43285	43037	Single	52013202
Dodge	PU 1500/2500/3500 (M/T)	8	5.9L	1998	LEV	MDV3	WCXRA0360J31	43285	43037	Single	52103225AC

CATALOG LISTING FOR CAR SOUND SERIES 43000 CONVERTERS (DODGE/JEEP TRUCKS)

MAKE	MODEL	# of Cyl.	Engine (l)	Year	Cert. Level	Weight Category	Engine Family	Direct Fit	Universal	Converters Per Vehicle	OE Part Numbers
DODGE FULL SIZE PICKUPS											
Dodge	PU 1500/2500/3500 (4/1)	8	5.9L	1998	LEV	MDV3	WCRAA0360J31	43285	43037	Single	52103225AA
Dodge	PU 1500/2500/3500 (M/T)	8	5.9L	1999	LEV	MDV3	XCRAA0360H31	43285	43037	Single	52103225AC
Dodge	PU 1500/2500/3500 (4/1)	8	5.9L	1999	LEV	MDV3	XCRAA0360J31	43285	43037	Single	52103224AA
Dodge	PU 3500 (Code Z engine)	8	5.9L	2000	Tier 1	MDV3	YCRAA0360J11	TBD	43037	Single	52103203AB
Dodge	PU 3500 4WD HDV (Code 5 engine)	8	5.9L	2001	Tier 1	MDV3	ICRAA0360J11	TBD	43006	Dual Parallel	5210378AH
Dodge	PU 3500 2WD HDV (Code 5 engine)	8	5.9L	2001	Tier 1	MDV3	ICRAA0360J18	TBD	43006	Dual Parallel	5210378AH
DODGE SMALL PICKUPS											
Dodge	Dakota	6	3.9L	1996	Tier 1	LDI	ICR23828G1EK	TBD	43006	Single	52019280
Dodge	Dakota	6	3.9L	1997	Tier 1	LDI	VCRA39H8G1EK	TBD	43006	Single	52020321
Dodge	Dakota	6	3.9L	1998	Tier 1	LDI	YCRXT0239211	43294	43006	Single	TBD
Dodge	Dakota	6	3.9L	1999	Tier 1	LDI	YCRXT0239211	43294	43006	Single	TBD
Dodge	Dakota	6	3.9L	2000	TLEV	LDI	YCRXT0392C1	TBD	43006	Single	TBD
Dodge	Dakota 2WD short wb	8	5.2L	1996	Tier 1	LDI	ICR31828G1EK	TBD	43006	Single	52020272
Dodge	Dakota 2WD long wb	8	5.2L	1996	Tier 1	LDI	ICR31828G1EK	TBD	43006	Single	52020277
Dodge	Dakota 4WD short wb	8	5.2L	1996	Tier 1	LDI	ICR31828G1EK	TBD	43006	Single	52103166
Dodge	Dakota 4WD long wb	8	5.2L	1996	Tier 1	LDI	ICR31828G1EK	TBD	43006	Single	52020275
Dodge	Dakota 2WD	8	5.2L	1997	Tier 1	LDI	VCRA318H8G1EK	TBD	43006	Single	52019300AC
Dodge	Dakota 4WD short wb	8	5.2L	1997	Tier 1	LDI	VCRA36028G1EL	TBD	43006	Single	52019325
Dodge	Dakota 4WD long wb	8	5.2L	1997	Tier 1	LDI	VCRA36028G1EL	TBD	43006	Single	52103077
Dodge	Dakota 2WD	8	5.2L	1997	Tier 1	LDI	VCRA360H8G1EL	TBD	43006	Single	52019300AC
Dodge	Dakota 2WD	8	5.2L	1998	LEV	LDI	WCRAA0360H31	TBD	43006	Single	52103192AA
Dodge	Dakota 4WD long wb	8	5.2L	1998	Tier 1	LDI	WCRAA0318H11	TBD	43006	Single	52103077AB
DODGE SMALL PICKUPS											
Dodge	Dakota 4WD short wb	8	5.2L	1998	Tier 1	LDI	WCRAA0318H11	TBD	43006	Single	52103214AA
Dodge	Dakota 2WD	8	5.2L	1999	Tier 1	LDI	XCRAA0318H11	TBD	43006	Single	52103192AA
Dodge	Dakota 4WD long wb	8	5.2L	1999	Tier 1	LDI	XCRAA0360211	TBD	43006	Single	52103077AB
Dodge	Dakota 4WD short wb	8	5.2L	1999	Tier 1	LDI	XCRAA0360211	TBD	43006	Single	52103214AA
Dodge	Dakota	8	5.2L	2000	LEV	LDI	YCRXA0360H32	TBD	43006	Single	TBD

CATALOG LISTING FOR CAR SOUND SERIES 43000 CONVERTERS (DODGE/JEEP TRUCKS)

MAKE	MODEL	# of Cyl.	Engine (L)	Year	Cert. Level	Weight Category	Engine Family	Direct Fit	Universal	Converters Per Vehicle	OE Part Numbers
SMALL PICKUPS											
Dodge	Dakota 2WD short wb	6	5.9L	1996	Tier 1	LDI	TCR360H8G1EK	TBD	43006	Single	52020272
Dodge	Dakota 4WD short wb	8	5.9L	1996	Tier 1	LDI	TCR360H8G1EL	TBD	43006	Single	52103166
Dodge	Dakota 2WD	8	5.9L	1997	Tier 1	LDI	VCR36028G1EK	TBD	43006	Single	52019300AC
Dodge	Dakota 4WD long wb	8	5.9L	1997	Tier 1	LDI	VCR360H8G1EL	TBD	43006	Single	52103077
Dodge	Dakota 2WD	8	5.9L	1998	Tier 1	LDI	WCRXA0318H11	TBD	43006	Single	52103364
Dodge	Dakota 4WD	8	5.9L	1998	Tier 1	LDI	WCRXA0318H11	TBD	43006	Single	5210328AA
Dodge	Dakota	8	5.9L	1999	Tier 1	LDI	XCRXA0360211	TBD	43006	Single	52103077AB
Dodge	Dakota	8	5.9L	2000	LEV	LDI	YCRXA0360H32	TBD	43006	Single	TBD
JEEP											
SUV's											
Jeep	Wrangler 4WD	6	4.0L	1997	Tier 1	LDI	VCR24228G1EK	TBD	43035	Single	52020064
Jeep	Wrangler	6	4.0L	1997	Tier 1	LDI	VCR24228G1EL	TBD	43035	Single	52020064
Jeep	Cherokee 2WD	6	4.0L	1996	Tier 1	LDI	TCR24218G1EK	43226	43035	Single	52019481
Jeep	Cherokee 4WD	6	4.0L	1996	Tier 1	LDI	TCR24218G1EK	43226	43035	Single	52019481
Jeep	Cherokee 2WD/4WD	6	4.0L	1997	Tier 1	LDI	VCR24228G1EK	43226	43036	Single	52022019AB
Jeep	Cherokee 4WD	6	4.0L	1997	Tier 1	LDI	VCR24228G1EL	43226	43036	Single	52022019AB
Jeep	Grand Cherokee	6	4.0L	1996	Tier 1	LDI	TCR24228G1EK	43226	43036	Single	52022019AB
Jeep	Grand Cherokee 4WD	6	4.0L	1996	Tier 1	LDI	TCR24228G1EK	43226	43036	Single	52022019AB
Jeep	Grand Cherokee 2WD/2WD	6	4.0L	1997	Tier 1	LDI	VCR24228G1EK	43226	43036	Single	52022019AB
Jeep	Grand Cherokee 2WD	8	5.2L	1996	Tier 1	LDI	TCR31828G1EK	43226	43036	Single	TBD
Jeep	Grand Cherokee 4WD	8	5.2L	1996	Tier 1	LDI	TCR31828G1EL	43226	43036	Single	TBD
Jeep	Grand Cherokee	8	5.2L	1997	Tier 1	LDI	VCR36028G1EK	43226	43036	Single	TBD
JEEP											
SUV's											
Jeep	Grand Cherokee	8	5.9L	1996	Tier 1	LDI	TCR360H8G1EL	43226	43036	Single	TBD
Jeep	Grand Cherokee 4WD	8	5.9L	1996	Tier 1	LDI	TCR36028G1EL	43226	43036	Single	TBD
Jeep	Grand Cherokee	8	5.9L	1997	Tier 1	LDI	VCR36028G1EK	43226	43036	Single	TBD

CATALOG LISTING FOR CAR SOUND SERIES 43000 CONVERTERS (DODGE/JEEP TRUCKS)

MAKE	MODEL	# of Cyl.	Engine (L)	Year	Cert. Level	Weight Category	Engine Family	Direct Fit	Universal	Converters Per Vehicle	OE Part Numbers
SUPPLEMENTAL LISTING OF DODGE VEHICLES											
DODGE FULL SIZE PICKUPS											
Dodge	PU 2500/3500 LH/RH	8	1996	8.0L	Tier 1	MDV4	TCR48BK8G1EK	TBD	43036	Dual Parallel	TBD
Dodge	PU 2500/3500 LH/RH	8	1997	8.0L	Tier 1	MDV4	VCR48BK8G1EK	TBD	43036	Dual Parallel	TBD
Dodge	PU 2500/3500 LH/RH	8	1998	8.0L	Tier 1	MDV4	WCRXA048BK11	TBD	43036	Dual Parallel	TBD
Dodge	PU 2500/3500 LH/RH	8	1999	8.0L	Tier 1	MDV4	XCRXA048BK11	TBD	43036	Dual Parallel	TBD
Dodge	PU 2500/3500 LH/RH	8	2000	8.0L	Tier 1	MDV4	YCRXA048BJ11	TBD	43036	Dual Parallel	TBD
DODGE SMALL VANS											
Dodge	Caravan/Voyager/Town&Country	6	1996	3.3L	Tier 1	LDT	TCR2328G1EK	43279	43005	Single	4682433
Dodge	Caravan/Voyager/Town&Country	6	1997	3.3L	Tier 1	LDT	VCR2328G1EK	43279	43005	Single	4682888
Dodge	Caravan/Voyager/Town&Country	6	1998	3.3L	LEV	LDT	WCRXA0201230	43279	43005	Single	4682888
Dodge	Caravan/Voyager/Town&Country	6	1999	3.3L	LEV	LDT	XCRXT0201230	43279	43005	Single	4682888
Dodge	Caravan/Voyager/Town&Country	6	2000	3.3L	LEV	LDT	YCRXT0201230	43279	43005	Single	4809444AA
Dodge	Caravan/Voyager/Town&Country	6	1996	3.8L	Tier 1	LDT	TCR2328G1EK	43279	43005	Single	4682433
Dodge	Caravan/Voyager/Town&Country	6	1997	3.8L	Tier 1	LDT	VCR2328G1EK	43279	43005	Single	4682433
Dodge	Caravan/Voyager/Town&Country	6	1998	3.8L	TLEV	LDT	WCRXT0232220	43279	43005	Single	4682433AB
Dodge	Caravan/Voyager/Town&Country	6	1999	3.8L	TLEV	LDT	XCRXT0232220	43279	43005	Single	4682433AB
Dodge	Caravan/Voyager/Town&Country	6	1999	3.8L	LEV	LDT	XCRXT0232230	43279	43005	Single	4682433AB
Dodge	Caravan/Voyager/Town&Country	6	2000	3.8L	LEV	LDT	YCRXT0232230	43279	43005	Single	4682433AC