

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-280-13
Relating to Exemptions under Section 27156
of the Vehicle Code

AirTek, Inc. (d.b.a. Catco)
"Series 712000 OBD II Compliant Three-way Catalytic Converter"

WHEREAS, Vehicle Code Sections 27156, and Section 2222(h), Title 13, California Code of Regulations, 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, AirTek, Inc. (AirTek) of 4410 W. 37th Avenue, Hobart, Indiana 46342, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Sections 27156 to market its new aftermarket Series 712000 three-way catalytic converter (TWC) on 2000 and older DaimlerChrysler mini-vans equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-13 and incorporated herein. **The application coverage excludes vehicles equipped with a warm-up catalyst.** The TWC will be used in a single underbody vehicle application. The Series 712000 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-280-13.

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 Section 2222(h), Title 13, California Code of Regulations. The emissions performance of said catalytic converter was based on durability bench-aging by Compliance and Research Services, Inc. using the ARB-modified RAT-A bench-aging cycle for a duration of 100 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 Ecologic Engine Testing Laboratory (Ecologic), Fullerton, California, with Series 712000 TWC installed on a 1999 3.3L Plymouth Grand Voyager mini-van, test group XCRXT0201230, certified to the Light-Duty Truck 2, Low Emission Vehicle emission standards (LDT2, LEV), showed that the catalytic converter met the applicable emission standards.

OBD II compatibility tests performed on the same test vehicle showed that Series 712000 TWC did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below.

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
LDT2 100K LEV standards	0.130	5.5	0.5
Average Series 712000 TWC Test Results	0.030	0.5	0.3

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-280-13 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 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 AirTek, 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. AirTek, 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. AirTek, 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 original equipment manufacturer (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 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 26th day of July 2005.



Allen Lyons, Chief
Mobile Source Operations Division

APPENDIX D-280-13

APPLICATION LIST FOR AIRTEK INC'S 712000 SERIES CONVERTER FOR DAIMLER CHRYSLER LTD2 MINIVANS									
Model Year	Model	Displacement	Cyl	Engine Family #	CERT. LEVEL	Cat. Monitor	Total # of Convs.	DIRECT	UNIVER.
1996	TOWN/COU.	3.3L	V-6	TCR23228G1EK	TIER1	AT CATALYST OUTLET	One (1)	712967	712004
1996	CARAVAN	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1996	VOYAGER	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1996	TOWN/COU.	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1996	CARAVAN	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1996	VOYAGER	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
				VCR23228G1EK					
1997	TOWN/COU.	3.3L	V-6		TIER1	AT CATALYST OUTLET	One (1)	712967	712004
1997	CARAVAN	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1997	VOYAGER	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1997	TOWN/COU.	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1997	CARAVAN	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1997	VOYAGER	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
							One (1)		
1998	TOWN/COU.	3.3L	V-6	WCRTXTO201230	LEV	AT CATALYST OUTLET	One (1)	712967	712004
1998	CARAVAN	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1998	VOYAGER	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
							One (1)		
1998	TOWN/COU.	3.8L	V-6	WCRTXTO232220	TLEV	AT CATALYST OUTLET	One (1)	712967	712004
1998	CARAVAN	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1999	TOWN/COU.	3.3L	V-6	XCRXTO201230	LEV	AT CATALYST OUTLET	One (1)	712967	712004
1999	CARAVAN	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1999	VOYAGER	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1999	CARAVAN	2.4L	L-4	XCRXTO148230	LEV	AT CATALYST OUTLET	One (1)	712967	712004
1999	VOYAGER	2.4L	L-4			AT CATALYST OUTLET	One (1)	712967	712004
1999	TOWN/COU.	3.8L	V-6	XCRXTO3.82B0	TIER 1	AT CATALYST OUTLET	One (1)	712967	712004

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Model Year	Model	Displacement	Cyl	Engine Family #	CERT.	Cat. Monitor	Total #	DIRECT	UNIVER.
1999	TOWN/COU.	3.8L	V-6	XCRXT0232220	TLEV	AT CATALYST OUTLET	One (1)	712967	712004
1999	CARAVAN	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1999	VOYAGER	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1999	TOWN/COU.	3.8L	V-6	XCRXT0232230	LEV	AT CATALYST OUTLET	One (1)	712967	712004
1999	CARAVAN	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
1999	VOYAGER	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
2000	TOWN/COU.	3.3L	V-6	YCRXT0201230	LEV	AT CATALYST OUTLET	One (1)	712967	712004
2000	CARAVAN	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
2000	VOYAGER	3.3L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
2000	TOWN/COU.	3.8L	V-6	YCRXT0232230	LEV	AT CATALYST OUTLET	One (1)	712967	712004
2000	CARAVAN	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004
2000	VOYAGER	3.8L	V-6			AT CATALYST OUTLET	One (1)	712967	712004