

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-280-15
Relating to Exemptions under Section 27156
of the Vehicle Code

AirTek, Inc. (d.b.a. Catco)
"Series 612000 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 and 38391 to market its new aftermarket Series 612000 three-way catalytic converter (TWC) for installation on 2001 and older Toyota passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-15 and incorporated herein. The TWC will be used in a single catalytic converter exhaust system application only. The Series 612000 TWC may also be installed on non-OBD II vehicles (1995 and older) with similar exhaust configuration as those listed in Appendix D-280-15.

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 Air Resources Board 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 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 Ecologic Engine Testing Laboratory (Ecologic), Fullerton, California, with Series 612000 TWC installed on a 2000 1.8L Toyota Corolla, test group YTYXV01.8FFA, certified to the Low Emission Vehicle and passenger car emission standards (LEV/PC), showed that the catalytic converter met the applicable emission standards.

OBD II compatibility tests performed on the same test vehicle showed that Series 612000 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>
PC 100K LEV standards	0.090	4.2	0.3
Average Series 612000 TWC Test Results	0.036	0.5	0.1

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-280-15 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 (5) 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.
7. AirTek, 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 Air Resources Board 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 10th day of March 2006.



Allen Lyons, Chief
Mobile Source Operations Division

AirTek INC's SERIES 612000 TWC FOR TOYOTA PASSENGER CARS											
Model Year	Vehicle Model	Engine Size	No. of Cylinder	Engine Family	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1996	Paseo Tercel	1.5 Liter	4	TTY1.5VHGFEK	Tier 1	S	1	TWC	1-at cat outlet	612004	612891 MT 612891AT
1996	Corolla Celica	1.8 Liter 1.6 Liter	4	TTY1.8VJGIGK	Tier 1	S	1	TWC	1-at cat outlet	612004	612883 612883
1996	ES 300 Avalon Camry	3.0 Liter	6	TTY3.0VJGIGK	Tier 1	S	1	TWC	1-at cat outlet	612004	TBD TBD TBD
1997	Paseo Tercel	1.5 Liter	4	VTY1.5VJGKEK	Tier 1	S	1	TWC	1-at cat outlet	612004	612891MT 612891AT
1997	Corolla Celica	1.8 Liter 1.6 Liter	4	VTY1.8VJGKEK	Tier 1	S	1	TWC	1-at cat outlet	612004	612883 612883
1997	ES 300 Avalon Camry	3.0 Liter	6	VTY3.0VJGKFK	Tier 1	S	1	TWC	1-at cat outlet	612004	TBD TBD TBD
1998	Tercel	1.5 Liter	4	WTYXV01.5BBA	Tier 1	S	1	TWC	1-at cat outlet	612004	612891AT
1998	Corolla	1.8 Liter	4	WTYXV01.8DXB	TLEV	S	1	TWC	1-at cat outlet	612004	612043
1999	Paseo Tercel	1.5 Liter	4	XTYXV01.5BBA	Tier 1	S	1	TWC	1-at cat outlet	612004	TBD TBD
1999	Corolla	1.8 Liter	4	XTYXV01.8DXB	Tier 1	S	1	TWC	1-at cat outlet	612004	612043
1999	Celica	2.2 Liter	4	XTYXV02.2DXD	TLEV	S	1	TWC	1-at cat outlet	612004	TBD

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Model Year	Vehicle Model	Engine Size	No. of Cylinder	Engine Family	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1999	Avalon Solara	3.0 Liter	6	XTYXV03.0BBA	Tier 1	S	1	TWC	1-at cat outlet	612004	TBD TBD
2000	Echo	1.5 Liter	4	YTYXV01.5FFA	LEV	S	1	TWC	1-at cat outlet	612004	TBD
2000	Celica	1.8 Liter	4	YTYXV01.8DDB	TLEV	S	1	TWC	1-at cat outlet	612004	TBD
2000	Celica	1.8 Liter	4	YTYXV01.8DDC	TLEV	S	1	TWC	1-at cat outlet	612004	TBD
2000	Corolla	1.8 Liter	4	YTYXV01.8FFA	LEV	S	1	TWC	1-at cat outlet	612004	TBD
2000	Camry Solara	3.0 Liter	6	YTYXV03.0BBA	Tier 1	S	1	TWC	1-at cat outlet	612004	TBD TBD
2001	Echo	1.5 Liter	4	1TYXV01.5FFA	LEV	S	1	TWC	1-at cat outlet	612004	TBD
2001	Celica	1.8 Liter	4	1TYXV01.8DDC	TLEV	S	1	TWC	1-at cat outlet	612004	TBD
2001	Celica	1.8 Liter	4	1TYXV01.8DDB	TLEV	S	1	TWC	1-at cat outlet	612004	TBD
2001	Corolla	1.8 Liter	4	1TYXV01.8FFA	LEV	S	1	TWC	1-at cat outlet	612004	TBD
2001	Camry Solara	3.0 Liter	6	1TYXV03.0BBA	Tier 1	S	1	TWC	1-at cat outlet	612004	TBD TBD
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