

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-280-14  
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"  
Part Number 612340

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. 37<sup>th</sup> 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 612000 three-way catalytic converter (TWC), Part Number 612340, on 1999 and older Honda Civic passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-14 and incorporated herein. Series 612000 TWC, Part Number 612340 is a direct fit, single exhaust manifold/catalytic converter unit. This catalytic converter system will be used in Honda Civics equipped with a single exhaust manifold/catalytic converter unit only. Series 612000 TWC may also be installed on non-OBD II vehicles (1995 and older) similar in engine type and exhaust manifold/catalytic converter configuration as those listed in Appendix D-280-14.

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 Southwest Research Institute using the Air Resources Board-modified RAT-A bench-aging cycle for the duration of 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, Part Number 612340, installed on a 1999 1.6L Honda Civic, test group XHNXV01.6CA3, certified to the Low Emission Vehicle 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, Part Number 612340, 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	0.020	0.9	0.03

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-280-14 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.

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 19<sup>th</sup> day of September 2005.



Allen Lyons, Chief  
Mobile Source Operations Division

APPENDIX D-280-14

VEHICLE APPLICATION LIST FOR AIRTEKS 612000 SERIES CONVERTER FOR HONDA 1.6L PASSENGER CARS

MODEL YEAR	Vehicle Model	ENGINE SIZE	CYL.	Engine Family	CERT. LEVEL	EXHAUS TYPE	TOTAL # OF CONVS.	Converter Type	Monitored	Universal	Direct Fit
1996	Civic Hatchback CX	1.6 Liter	L-4	THN1.6VJG3EK	LEV	Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Hatchback DX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Coupe DX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Sedan DX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Sedan LX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Del Sol S	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	1996	Civic Coupe HX	1.6 Liter			L-4	THN1.6VJG2EK	TLEV	Single	one (1)	TWC
1997		Civic Sedan	1.6 Liter	L-4	VHN1.6VJG3EK	LEV	Single	one (1)	TWC	at cat outlet	N/A
	Civic Sedan LX	1.6 Liter	L-4	Single			one (1)	TWC	at cat outlet	N/A	612340
	Civic Hatchback	1.6 Liter	L-4	Single			one (1)	TWC	at cat outlet	N/A	612340
	Civic Coupe DX	1.6 Liter	L-4	Single			one (1)	TWC	at cat outlet	N/A	612340
	Civic CX	1.6 Liter	L-4	Single			one (1)	TWC	at cat outlet	N/A	612340
	Civic DX	1.6 Liter	L-4	Single			one (1)	TWC	at cat outlet	N/A	612340
	Del Sol S	1.6 Liter	L-4	Single			one (1)	TWC	at cat outlet	N/A	612340
	1997	Civic HX	1.6 Liter	L-4			VHN1.6VJG2EK	TLEV	Single	one (1)	TWC
1998	Civic CX	1.6 Liter	L-4	WHNXVO1.6CA3	LEV	Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Hatchback DX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Coupè LX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340

APPENDIX D-280-14

YEAR	Vehicle Model	ENGINE	CYL.	CERT.	EXHAUST	TOTAL #	Converter	Monitored	Universal	Direct Fit	
1998	Civic Coupe HX	1.6 Liter	L-4	WHNXVO1.6JL2	TLEV	Single	one (1)	TWC	at cat outlet	N/A	612340
				XHNXVO1.6CA3	LEV	Single	one (1)	TWC	at cat outlet	N/A	612340
1999	Civic Coupe DX	1.6 Liter	L-4	XHNXVO1.6JL2	LEV	Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Coupe CX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Hatchback CX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Hatchback DX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Sedan DX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Sedan LX	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	Civic Sedan DX-V	1.6 Liter	L-4			Single	one (1)	TWC	at cat outlet	N/A	612340
	1999	Civic Coupe HX	1.6 Liter			L-4	TLEV	Single	one (1)	TWC	at cat outlet