

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-280-34
Relating to Exemptions under Section 27156
of the Vehicle Code

AirTek, Inc. (d.b.a. Catco)
"Series 112000 & 612000 OBD II Compliant Three-way Catalytic Converters"

WHEREAS, Vehicle Code Sections 27156 and Section 2222(h), Title 13, California Code of Regulations (hereafter "CCR"), 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 Section 27156 to market its new aftermarket Series 112000 & 612000 three-way catalytic converters (TWC) for installation on selected 1995 through 2004 model year Kia passenger cars and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-34 and incorporated herein. The Series 112000 & 612000 TWC will be used for multiple catalytic converter applications, with Series 112000 as the front catalytic converter, and Series 612000 used as the rear catalytic converter. Series 612000 will be used for vehicles with one underbody catalytic converter only.

Series 112000 & 612000 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-280-34.

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, Air Resources Board finds that the above aftermarket catalytic converters comply with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converters was based on durability bench-aging by Southwest Research Institute, San Antonio, Texas, using Air Resources Board-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, previous emissions and OBD II compatibility tests conducted by AirTek, Inc. using a vehicle of a weight classification and exhaust configuration similar to those listed in Appendix D-280-34 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Orders D-280-15 and D-280-20, it was determined that the installation of Series 112000 & 612000 TWC on the vehicles listed in Appendix D-280-34 meets the requirements of California regulations for aftermarket catalytic converters.

IT IS HEREBY RESOLVED that the above catalytic converters are exempt from the prohibitions in Vehicle Code Section 27156 for installation on the vehicles listed in Appendix D-280-34 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 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 converters 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 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 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 converters and is only a finding that the catalytic converters are exempt from the prohibitions of Vehicle Code Section 27156.
4. AirTek, Inc.'s installation instructions for the new catalytic converters 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 converters 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 converters as "performance, high or easy flow" catalytic converters or use any phrase that could make them appear to perform better than an OEM catalytic converter.
7. The new aftermarket catalytic converters substrate may not be sold or supplied to a third party by AirTek, its associates, vendors, other businesses, and individuals associated with AirTek, to be assembled in a different facility and marketed under this Executive Order.
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 Air Resources Board prior to shipment.

9. AirTek must submit the required quality audit and production quantity reports for its aftermarket catalytic converters semi-annually, covering the periods January 1 through June 30, and July 1 through December 31.

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 23 day of September 2008.



Annette Hebert, Chief
Mobile Source Operations Division

Airtek's Series 112000/612000 OBDII Kia LDT1/PC

Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #
1	1995	Sephia	1.6L	SKM1.6VJG2EK	PC	TLEV	S	2	WUTWC/ TWC	1 (Front)	Front 112004 Rear 612004	TBD
2			1.8L	SKM1.8VJG1EK		Tier-1		1	TWC	1	612004	
3	1996	Sportage	1.6L	TKM1.6VJG2EK	LDT1	TLEV	S	2	WUTWC/ TWC	2	Front 112004 Rear 612004	TBD
4			1.8L	TKM1.8VJG1EK		Tier-1		1	TWC	1	612004	
5			2.0L	TKM2.0JG1EK							612006	
6	1997	Sephia	1.6L	VKM1.6VJG2EK	PC	TLEV	S	2	WUTWC/ TWC	1 (Front)	Front 112004 Rear 612004	1121038 Front 612847 612847 (2piece OEM design) Rear 112077 Front 612978 (3piece OEM design) Rear 112083 Front 612813 Rear
7			1.8L	VKM1.8VJG1EK		Tier-1		1	TWC	1	612004	
8			2.0L	VKM2.0JG1EK								
9	1998	Sportage	2.0L	WKMX02.0B01	LDT1	TLEV	S	2	WUTWC/ TWC	1 (Front)	Front TBD Rear 612004	1121038 Front 612847 612847 (2piece OEM design) Rear 112077 Front 612978 (3piece OEM design) Rear 112083 Front 612813 Rear
10			1.8L	WKMXV01.8A01	PC							

APPENDIX D-280-34

Airtek's Series 112000/612000 OBDII Kia LDT1/PC

Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #
11	1999	Sportage	2.0L	XKMX02.0B02	LDT1	TLEV		2	WUTWC/ TWC	1 (Front)	Front TBD Rear 612004	1121038 Front
												612847 (2piece OEM design) Rear
12		Sephia	1.8L	XKMXV01.8A02	PC		S					112083 Front
												612813 Rear
13	2000	Sportage	2.0L	YKMX02.0B03	LDT1	LEV					Rear 612004	1121038 Front
												612847 (2piece OEM design) Rear
												112077 Front
												612978 (3piece OEM design) Rear

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Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #
14	2000	Sephia	1.8L	YKMXV01.8A03	PC	LEV	S	2	WUTWC/ TWC	1 (Front)	Front TBD 612004 Rear	112146 Front
												612846 (Flat gasket inlet)
15	2001	Sportage	2.0L	1KMXT02.0B04	LDT1	LEV	S	2	WUTWC/ TWC	1 (Front)	612004	(Man. Trans) 112038 (Auto Trans) 112009 Front (Man. Trans) 612309 (Auto Trans) Rear
												Rear
16		Rio	1.5L	1KMXXV01.5C01	PC							Front 112188 Rear 612288

Airtek's Series 112000/612000 OBDII Kia LDT1/PC

Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #
17	2001	Sephia	1.8L	1KMXV01.8A04	PC	LEV	S	2	WUTWC/ TWC	1 (Front)	612004 Rear	112146 Front
												612846 (Flat gasket inlet) Rear
		Spectra	2.4L	1KMXV02.4D01								Front 112146 Rear 612004
18	2001	Optima	2.4L	1KMXV02.4D01	PC	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	Front 112004 Rear 612006	112018 Rear 612846
												Optima
19	2001	Optima	2.5L	1KMXV02.5E01								PC
20	2002	Sportage	2.0L	2KMXT02.0B05	LDT1	LEV	S	2	WUTWC/ TWC	1 (Front)	612004 Rear	(Man. Trans) 112038 (Auto Trans) 112009 Front (Man. Trans) 612309 (Auto Trans) Rear

Airtek's Series 112000/612000 OBDII Kia LDT1/PC

Group #	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	UNIV #	Direct #	
21	2002	Rio	1.5L	2KMXV01.5C02	PC	LEV	S	2	WUTWC/ TWC	1 (Front)	612004 Rear	Front 112188 Rear 612288	
22			2.4L	2KMXV02.4D02							612006 Rear	Front 112018 Rear 612358	
23	2003	Optima	2.7L	3KMXV02.7E02			D/Y	3	2WUTWC/ TWC	2 (Front)	2 (Front)	112004 Front 612006 Rear	TBD
24			2.4L	3KMXV02.4D03								612006 Rear	TBD
25	2004	Rio	1.6L	3KMXV01.6C01			S	1	TWC	1	1	TBD	612035
26				4KMXV01.6C02								TBD	612035
27	2004	Optima	2.4L	4KMXV02.4D04			D/Y	3	2WUTWC/ TWC	2 (Front)	2 (Front)	TBD	112018 Front 612358 Rear
28			2.7L	4KMXV02.7E03								112004 Front 612006 Rear	Front 112018 Rear