

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-280-66**

Relating to Exemptions under Section 27156 and 38391  
of the Vehicle Code

Airtek, Inc. (d.b.a. Catco)  
"Series 110000 & 610000 Three-way Catalytic Converters"

WHEREAS, Vehicle Code Sections 27156 and 38395, and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(h), authorize the California Air Resources Board and its Executive Officer to exempt new aftermarket catalytic converters from the prohibitions of Vehicle Code Section 27156 and 38391.

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 and 38391 to market its new aftermarket Series 110000 & 610000 three-way catalytic converters (TWC) on selected 1995 through 2004 model year Kia passenger cars (PC) and light-duty trucks 1(LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-66 and incorporated herein. Series 110000 & 610000 TWCs will be used for single or multiple catalytic converter applications. Series 610000 will be used for single catalytic converter applications. Series 110000 will be used as the front catalytic converter and Series 610000 as the rear catalytic converter for multiple catalytic converter applications. These catalytic converters will be sold as a direct fit system.

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 converters comply with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Southwest Research Institute using the Air Resources Board-modified RAT-A bench-aging cycle for 75 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters" as adopted on October 25, 2007.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Airtek, Inc. using vehicle(s) of weight classification and exhaust configuration similar to those listed in Appendix D-280-66 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 110000 & 610000 on the vehicles listed in Appendix D-280-66 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Airtek, Inc.'s 110000 & 610000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-280-66 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 their 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 converters 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 Sections 27156 and 38391.
4. Airtek, Inc.'s installation instructions for the new catalytic converters must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converters shall not cause the relocation of an oxygen sensor. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converters must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Airtek, Inc. and its vendors may not advertise the new aftermarket catalytic converters as "high flow or easy flow" catalytic converters or use any phrase that could make them appear to perform better than the original equipment manufacturer (OEM) catalytic converters.
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 the Air Resources Board prior to shipment.

9. Airtek, Inc., its associates, vendors, other businesses and individuals associated with Airtek, Inc. may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.
10. Airtek, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis, starting with periods covering January 1 through March 31, 2009 and January 1 through June 30, 2009, respectively.
12. Airtek, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.
13. Airtek, Inc.'s vehicle application catalog must conform with the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Order D-280-34 dated September 23, 2008, is hereby superseded and of no further force and effect.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-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 30 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 5 day of December 2008.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-280-66

Airtek's Series 110000/610000 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		Tier-1		1	TWC	1	612006		
6	1997	Sephia	1.6L	VKM1.6VJG2EK	PC	TLEV	S	2	WUTWC/ TWC	1 (Front)	Front 112004 Rear 612004	1121038 Front 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		Tier-1		1	TWC		1		612004
9	1998	Sportage	2.0L	WKMX02.0B01	LDT1	TLEV	S	2	WUTWC/ TWC	1 (Front)	Front TBD Rear 612004	1121038 Front 612847 (2piece OEM design) Rear 112077 Front 612978 (3piece OEM design) Rear 112083 Front 612813 Rear	
10			1.8L	WKMX01.8A01	PC	TLEV		2	WUTWC/ TWC		2		WUTWC/ TWC

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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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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) 612813 (Donut gasket inlet) Rear
15	2001	Sportage	2.0L	1KMXV01.5C01	LDT1	LEV	S	2	WUTWC/ TWC	1 (Front)	612004	(Man. Trans) 112038 (Auto Trans) 112009 Front (Man. Trans) 612309 (Auto Trans) Rear
16		Rio	1.5L	1KMXV01.5C01	PC							Front 112188 Rear 612288

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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 #
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
18	2001	Optima	2.5L	1KMXV02.5E01	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	Front 112004 Rear 612006	612846 Front	
		Optima	2.0L	2KMXT02.0B05							112018 Rear 612846	
19	2001	Sportage	2.0L	2KMXT02.0B05	LDT1	S	2	WUTWC/ TWC	1 (Front)	612004 Rear	(Man. Trans) 112038 (Auto Trans) 112009 Front (Man. Trans) 612309 (Auto Trans) Rear	

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21	2002	Rio	1.5L	2KMXV01.5C02	PC	LEV	S	2	WUTWC/ TWC	1 (Front)	612004 Rear	Front 112188
22	2003	Optima	2.4L	2KMXV02.4D02	PC	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	612006 Rear	Front 112018
23	2003	Optima	2.7L	3KMXV02.7E02	PC	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	112004 Front	TBD
24	2004	Rio	1.6L	3KMXV01.6C01	PC	LEV	S	1	TWC	1	TBD	112018
25	2004	Optima	2.4L	4KMXV01.6C02	PC	LEV	D/Y	2	WUTWC/ TWC	1 (Front)	612006 Rear	Front 112018
26	2004	Optima	2.4L	4KMXV02.4D04	PC	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	112004 Front	Front 112018
27	2004	Optima	2.7L	4KMXV02.7E03	PC	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	112004 Front	Front 112018
28	2004	Optima	2.7L	4KMXV02.7E03	PC	LEV	D/Y	3	2WUTWC/ TWC	2 (Front)	112004 Front	Front 112018