

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-280-77

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. 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 110000 & 610000 three-way catalytic converters (TWC) on selected 1995 through 2004 model year passenger cars and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-77 and incorporated herein. Series 110000 & 610000 TWCs will be used for multiple catalytic converter applications, with Series 110000 as the front catalytic converter and Series 610000 as the rear catalytic converter. These catalytic converters will be sold as a universal or 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 Compliance and Research Services, Inc. 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 vehicles of weight classification and exhaust configuration similar to those listed in Appendix D-280-77 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-280-77 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Airtek, Inc.'s Series 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-280-77 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. AirTek, Inc.'s quality control reports must be submitted on a quarterly basis (Section (f)(5)(D)) and warranty information reports on a semi-annually basis (Section ((f)(2)(C)), 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 October 25, 2007.
13. AirTek, Inc.'s vehicle application catalog must conform with the requirements as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 27, 2007.

The following Executive Orders are hereby superseded and of no further force and effect: D-280-40 dated November 18, 2008, D-280-41 dated November 18, 2008, D-280-66 dated December 5, 2008, and D-280-74 dated December 8, 2008.

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 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 16 day of April 2009.



Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-280-77
Airtek 110000 & 610000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1	2000	Chevrolet	Corvette	5.7	YGMXV05.7084	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	612203LB	ALL
2	2001	Chevrolet	Corvette	5.7	1GMXV05.7081	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	612203LB	ALL
3	2002	Chevrolet	Camaro	5.7	2GMXV05.7081	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	612203LB	ALL
4	2002	Chevrolet	Corvette	5.7	2GMXV05.7081	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	612203LB	ALL
5	2003	Chevrolet	Corvette	5.7	3GMXV05.7081	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	612203LB	ALL
6	2001	Dodge	Dakota	2.5	1CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
7	2001	Dodge	Dakota	2.5	1CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610004	ALL
8	2002	Dodge	Dakota	2.5	2CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
9	2002	Dodge	Dakota	2.5	2CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610004	ALL
10	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
11	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112025	ALL
12	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	3	U	UNIVERSAL	612004	ALL
13	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
14	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
15	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112025	ALL
16	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
17	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
18	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112025	ALL
19	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
20	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
21	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112025	ALL
22	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
23	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
24	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112025	ALL
25	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
26	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
27	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112051	ALL
28	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
29	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
30	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112051	ALL
31	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	612004	ALL
32	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112024	ALL
33	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	DIRECT FIT	112051	ALL
34	1996	Jaguar	Vanden Plas	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	112004	ALL
35	1996	Jaguar	Vanden Plas	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	DIRECT FIT	112038	ALL
36	1996	Jaguar	Vanden Plas	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	610004R	ALL
37	1996	Jaguar	XJ6	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	112004	ALL
38	1996	Jaguar	XJ6	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	DIRECT FIT	112038	ALL
39	1996	Jaguar	XJ6	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	610004R	ALL
40	1996	Jaguar	XJR	4	TJC4.0VJGFGK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	112005	ALL
41	1996	Jaguar	XJR	4	TJC4.0VJGFGK	TIER1	PC	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	610005R	ALL
42	1996	Jaguar	XJS	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	112004	ALL
43	1996	Jaguar	XJS	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	DIRECT FIT	112037	ALL
44	1996	Jaguar	XJS	4	TJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	610005R	ALL
45	1997	Jaguar	Vanden Plas	4	VJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	112004	ALL

Appendix D-280-77
Airtek 110000 & 610000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
46	1997	Jaguar	Vanden Plas	4	VJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	DIRECT FIT	112038	ALL
47	1997	Jaguar	Vanden Plas	4	VJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	610004R	ALL
48	1997	Jaguar	XJ6	4	VJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	112004	ALL
49	1997	Jaguar	XJ6	4	VJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	F	DIRECT FIT	112038	ALL
50	1997	Jaguar	XJ6	4	VJC4.0VJGK GK	TIER1	PC	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	610004R	ALL
51	1998	Jeep	Cherokee	4	WCRXT0242120	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
52	1998	Jeep	Cherokee	4	WCRXT0242120	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610006	ALL
53	1998	Jeep	Cherokee	4	WCRXT0242120	TLEV	LDT1	S	WU-TWC,TWC	2	2	U	DIRECT FIT	610327	ALL
54	1999	Jeep	Cherokee	4	XCRXT0242120	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
55	1999	Jeep	Cherokee	4	XCRXT0242120	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610006	ALL
56	1999	Jeep	Cherokee	4	XCRXT0242120	TLEV	LDT1	S	WU-TWC,TWC	2	2	U	DIRECT FIT	610327	ALL
57	1999	Jeep	Wrangler	2.5	XCRXT0150120	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
58	1999	Jeep	Wrangler	2.5	XCRXT0150120	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610006	ALL
59	1999	Jeep	Wrangler	2.5	XCRXT0150120	TLEV	LDT1	S	WU-TWC,TWC	2	2	U	DIRECT FIT	610105	ALL
60	2000	Jeep	Cherokee	4	YCRXT0242130	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610006	ALL
61	2000	Jeep	Cherokee	4	YCRXT0242130	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	U	DIRECT FIT	110031	ALL
62	2000	Jeep	Cherokee	4	YCRXT0242130	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	U	DIRECT FIT	610231	ALL
63	2001	Jeep	Cherokee	4	1CRXT04.01D0	LEV1 LEV	LDT1	DS	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
64	2001	Jeep	Cherokee	4	1CRXT04.01D0	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610006	ALL
65	2001	Jeep	Cherokee	4	1CRXT04.01D0	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	612004	ALL
66	2001	Jeep	Cherokee	4	1CRXT04.01D0	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	U	DIRECT FIT	110039	4WD
67	2001	Jeep	Cherokee	4	1CRXT04.01D0	LEV1 LEV	LDT1	DS	2WU-TWC,TWC	3	3	U	DIRECT FIT	610231	4WD
68	2001	Jeep	Wrangler	2.5	1CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
69	2001	Jeep	Wrangler	2.5	1CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610004	ALL
70	2001	Jeep	Wrangler	2.5	1CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	U	DIRECT FIT	610030	4WD
71	2002	Jeep	Wrangler	2.5	2CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
72	2002	Jeep	Wrangler	2.5	2CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610004	ALL
73	2002	Jeep	Wrangler	2.5	2CRXT02.51C0	TLEV	LDT1	S	WU-TWC,TWC	2	2	U	DIRECT FIT	610030	4WD
74	1995	Kia	Sephia	1.6	SKM1.6VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	112004	ALL
75	1995	Kia	Sephia	1.6	SKM1.6VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
76	1996	Kia	Sephia	1.6	TKM1.6VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	2	F	UNIVERSAL	112004	ALL
77	1996	Kia	Sephia	1.6	TKM1.6VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	2	R	UNIVERSAL	610004	ALL
78	1997	Kia	Sephia	1.6	VKM1.6VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	112004	ALL
79	1997	Kia	Sephia	1.6	VKM1.6VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
80	1998	Kia	Sephia	1.8	WKM XV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112083	ALL
81	1998	Kia	Sephia	1.8	WKM XV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
82	1998	Kia	Sephia	1.8	WKM XV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612813	ALL
83	1998	Kia	Sportage	2	WKMXT02.0B01	TLEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112038	ALL
84	1998	Kia	Sportage	2	WKMXT02.0B01	TLEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112077	ALL
85	1998	Kia	Sportage	2	WKMXT02.0B01	TLEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
86	1998	Kia	Sportage	2	WKMXT02.0B01	TLEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612847	ALL
87	1998	Kia	Sportage	2	WKMXT02.0B01	TLEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612978	ALL
88	1999	Kia	Sephia	1.8	XKM XV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112083	ALL
89	1999	Kia	Sephia	1.8	XKM XV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
90	1999	Kia	Sephia	1.8	XKM XV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612813	ALL

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Airtek 110000 & 610000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
91	1999	Kia	Sportage	2	XKMXT02.0B02	TLEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112038	ALL
92	1999	Kia	Sportage	2	XKMXT02.0B02	TLEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112077	ALL
93	1999	Kia	Sportage	2	XKMXT02.0B02	TLEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
94	1999	Kia	Sportage	2	XKMXT02.0B02	TLEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612847	ALL
95	1999	Kia	Sportage	2	XKMXT02.0B02	TLEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612978	ALL
96	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112146	ALL
97	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
98	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612813	ALL
99	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612846	ALL
100	2000	Kia	Sportage	2	YKMXT02.0B03	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112038	ALL
101	2000	Kia	Sportage	2	YKMXT02.0B03	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112077	ALL
102	2000	Kia	Sportage	2	YKMXT02.0B03	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
103	2000	Kia	Sportage	2	YKMXT02.0B03	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612847	ALL
104	2000	Kia	Sportage	2	YKMXT02.0B03	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612978	ALL
105	2001	Kia	Optima	2.4	1KM XV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112018	ALL
106	2001	Kia	Optima	2.4	1KM XV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	610006	ALL
107	2001	Kia	Optima	2.4	1KM XV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610006	ALL
108	2001	Kia	Optima	2.4	1KM XV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612846	ALL
109	2001	Kia	Optima	2.5	1KM XV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	UNIVERSAL	112004	ALL
110	2001	Kia	Rio	1.5	1KM XV01.5C01	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112188	ALL
111	2001	Kia	Rio	1.5	1KM XV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
112	2001	Kia	Rio	1.5	1KM XV01.5C01	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612288	ALL
113	2001	Kia	Sephia	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112146	ALL
114	2001	Kia	Sephia	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
115	2001	Kia	Sephia	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612813	ALL
116	2001	Kia	Sephia	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612846	ALL
117	2001	Kia	Spectra	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112146	ALL
118	2001	Kia	Spectra	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
119	2001	Kia	Spectra	1.8	1KM XV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612846	ALL
120	2001	Kia	Sportage	2	1KMXT02.0B04	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112009	AT
121	2001	Kia	Sportage	2	1KMXT02.0B04	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112038	MT
122	2001	Kia	Sportage	2	1KMXT02.0B04	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
123	2001	Kia	Sportage	2	1KMXT02.0B04	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612309	AT
124	2002	Kia	Optima	2.4	2KM XV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112018	ALL
125	2002	Kia	Optima	2.4	2KM XV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610006	ALL
126	2002	Kia	Optima	2.4	2KM XV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612358	ALL
127	2002	Kia	Rio	1.5	2KM XV01.5C02	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112188	ALL
128	2002	Kia	Rio	1.5	2KM XV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
129	2002	Kia	Rio	1.5	2KM XV01.5C02	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612288	ALL
130	2002	Kia	Sportage	2	2KMXT02.0B05	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112038	ALL
131	2002	Kia	Sportage	2	2KMXT02.0B05	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610004	ALL
132	2003	Kia	Optima	2.4	3KM XV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112018	ALL
133	2003	Kia	Optima	2.4	3KM XV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610006	ALL
134	2003	Kia	Optima	2.4	3KM XV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612358	ALL
135	2003	Kia	Optima	2.7	3KM XV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	UNIVERSAL	112004	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
136	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	610006	ALL
137	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	112018	ALL
138	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	610006	ALL
139	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	612358	ALL
140	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	UNIVERSAL	112004	ALL
141	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	610006	ALL
142	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
143	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
144	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112959	ALL
145	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
146	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
147	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112959	ALL
148	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
149	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
150	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112959	ALL
151	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
152	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
153	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112959	ALL
154	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
155	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
156	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112959	ALL
157	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
158	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
159	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112959	ALL
160	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
161	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
162	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112259	ALL
163	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
164	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
165	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112259	ALL
166	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
167	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
168	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112259	ALL
169	2002	Toyota	Camry	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
170	2002	Toyota	Camry	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
171	2002	Toyota	Camry	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112259	ALL
172	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	112004	ALL
173	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	610004R	ALL
174	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	RL	DIRECT FIT	112259	ALL