

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-280-37
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 1995 through 2003 Ford passenger cars (PC) and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-280-37 and incorporated herein. The catalytic converter will be used for multiple catalytic converter exhaust systems as shown in Appendix D-280-37. Series 612000 TWC may also be installed on non-OBD II Ford passenger cars (1995 and older) with similar exhaust configuration as those listed in Appendix D-280-37.

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, San Antonio, Texas, 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 1997 3.0L Ford Taurus, engine test group VFM3.0V8G3EK, 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 |
| Series 612000 TWC Test 1 | 0.030 | 0.6 | 0.1 |
| Series 612000 TWC Test 2 | 0.037 | 0.6 | 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-280-37 subject to the following conditions:

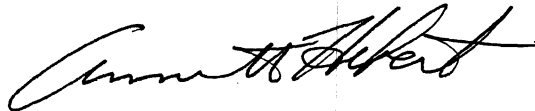
1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
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.

9. AirTek, Inc. must submit the required quality audit and production quantity reports for its aftermarket catalytic converter on a semi-annual basis, covering the periods January 1 through June 30, and July 1 through December 31.

Executive Order D-280-18 dated October 12, 2007, 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 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 6 day of October 2008.



Annette Hebert, Chief
Mobile Source Operations Division

APPENDIX D-280-37

AIRTEK INC's SERIES 612000 OBDII TWC FOR LIMITED FORD PC/LDT1

| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit |
|-----|-------------------------------|-------------------------------|-------------|---------------|---------------------|--------------|--------------|------------------|----------------|-----------|----------------------|-------------|
| 1 | 1996 | Taurus Sedan Mercury Sable | 3.0 | TFM3.0V8GKEK | TLEV | PC | D | 2 UND | TWC | 2 | 612004 LEFT OR RIGHT | 612888 |
| 2 | 1997 | Taurus Sedan Mercury Sable | | VFM3.0V8G3EK | LEV | | | | | | | 612221 |
| 3 | | Taurus Sedan Mercury Sable | | VFM3.0V8G2EK | TLEV | | | | | | | 612888 |
| 4 | Taurus Sedan Mercury Sable | VFM3.0V8NKGK | | Tier-1 | | | | | | | | |
| 5 | 1998 | Taurus Sedan Mercury Sable | | WFMXV03.0AEA | Tier-1 | | | | | | | |
| 6 | | Taurus Sedan Mercury Sable | | WFMXV03.0CAA | LEV | | | | | | | 612221 |
| 7 | | Taurus Sedan Mercury Sable | | WFMXV03.0AMA | TLEV | | | | | | | 612888 |
| 8 | 1999 | Taurus Sedan Mercury Sable | | XFMXV03.0VDC | TLEV | | | | | | | 612221 |
| 9 | | Taurus Sedan Mercury Sable | | XFMXV03.0VGC | LEV | | | | | | | |
| 10 | 2000 | Lincoln LS6 Manual | | YFMXV03.0VD2 | TLEV | | | | | | | TBD TBD TBD |
| 11 | | Lincoln LS6 Automatic | | YFMXV03.0VF2 | LEV | | | | | | | |

Additional Vehicles 1

| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit |
|-----|------------|--------------------|-------------|---------------|---------------------|--------------|--------------|------------------|-----------------------|--------------------------|---------------------------------------|--|
| 12 | 1995 | COUNTOUR/ MYSTIQUE | 2.5L | TFM2.5VJG1EK | TIER-1 | PC | D/Y | 3 | 2TWC/ TWC | 3 | FRONT MANIFOLD NA REAR MANIFOLD NA | FRONT MAINFOLD 612012 REAR MANIFOLD 612011 |
| 13 | 1996 | TAURUS/SABLE | 3.0L | TFM3.0VJG1EK | | | | | | | S | 2UND |
| 14 | | TAURUS SHO MODELS | 3.4L | TFM3.4VJG1EK | D/Y | 3UND | 2TWC/ TWC | 2 FRONT | 612006 FRONTS OR REAR | 612394 FRONT 612365 REAR | | |

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AIRTEK INC's SERIES 612000 OBDII TWC FOR LIMITED FORD PC/LDT1

| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit | | | |
|-----|--------------------|-------------------|--------------|---|---------------------|--------------|--------------|------------------|----------------|-----------|-----------|---|-----------------------|--------------------------|---|
| 15 | 1996 | LINCOLN MARK VIII | 4.6L | TFM4.6VJG1FL | TIER-1 | PC | D/Y | 3 | 2TWC/ TWC | 3 | NA | LEFT MANIFOLD 612995 RIGHT SINGLE INLET MUFFLER 612704 RIGHT SIDE DUAL INLET MUFFLER 612002 | | | |
| 16 | VFM4.6VJG1FL | | | LEFT MANIFOLD 612204 RIGHT SINGLE INLET MUFFLER 612704 RIGHT SIDE DUAL INLET MUFFLER 612002 | | | | | | | | | | | |
| 17 | COUNTOUR/ MYSTIQUE | 2.5L | VFM2.5VJG1EK | FRONT MANIFOLD NA REAR MANIFOLD NA | | | | | | | | FRONT MAINFOLD 612012 REAR MANIFOLD 612011 | | | |
| 18 | | | | TAURUS/SABLE | | | | 3.0L | VFM3.0VJG1EK | 2UND | 2TWC | 2 | 612004 FRONT OR REAR | 612888 | |
| 19 | | | | TAURUS SHO MODELS | | | | 3.4L | VFM3.4VJG1EK | 3UND | 2TWC/ TWC | 2 FRONT | 612006 FRONTS OR REAR | 612394 FRONT 612365 REAR | |
| 20 | 1998 | LINCOLN MARK VIII | 4.6L | WFMXV04.6MAA | | | | 3 | 2TWC/ TWC | ALL | NA | LEFT MANIFOLD 612204 RIGHT SINGLE INLET MUFFLER 612704 RIGHT SIDE DUAL INLET MUFFLER 612001 | | | |
| 21 | COUNTOUR/ MYSTIQUE | 2.5L | WFMXV025AFA | FRONT MANIFOLD NA REAR MANIFOLD NA | | | | | | | | FRONT MAINFOLD 612012 REAR MANIFOLD 612011 | | | |
| | | | | | | | | | | | | | | REAR CONVERTER 612004 | REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS |

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AIRTEK INC's SERIES 612000 OBDII TWC FOR LIMITED FORD PC/LDT1

| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit |
|-----|------------|---|-------------|---------------|---------------------|--------------|--------------|------------------|----------------|-----------|---------------------------------------|---|
| 22 | 1998 | TAURUS/SABLE | 3.0L | WFMXV03.0PAA | | | S | 2UND | TWC (2) | 2 | 612004 LEFT OR RIGHT | 612888 |
| 23 | | TAURUS SHO MODELS | 3.4L | WFMXV03.4BAA | | | | | | 3UND | | |
| 24 | 1999 | COUNTOUR/ MYSTIQUE/MERCURY COUGAR | 2.5L | XFMXV02.5VBC | TIER-1 | | D/Y | 3 | 2TWC/ TWC | 3 | FRONT MANIFOLD NA REAR MANIFOLD NA | FRONT MAINFOLD 612012 REAR MANIFOLD 612011 |
| 25 | | TAURUS/SABLE | 3.0L | XFMXV03.0VBZ | | | | S | 2UND | 2TWC | 2 | 612004 LEFT OR RIGHT |
| 26 | | TAURUS SEDAN | 3.4L | XFMXV03.4VBC | | | D/Y | 3UND | 2TWC/ TWC | 2 FRONT | 612006 FRONTS OR REAR | 612394 FRONT 612365 REAR |
| 27 | | Lincoln LS-6 | 3.0L | YFMXV03.0VD2 | TLEV | PC | D | 2 | 2TWC | 2 | 612004 LEFT OR RIGHT | 612420 Right 612421 Left |
| 28 | 2000 | COUNTOUR/ MYSTIQUE/MERCURY COUGAR | 2.5L | YFMXV02.5VBC | TIER-1 | | | | | 3 | FRONT MANIFOLD NA REAR MANIFOLD NA | FRONT MAINFOLD 612012 REAR MANIFOLD 612011 |
| 29 | | TAURUS, SABLE | 3.0L | YFMXV03.0VF5 | LEV | | | D/Y | 3 | 2TWC/ TWC | 2 FRONT | REAR CONVERTER 612004 FRONT NA REAR 612006 12 VALVE U ENGINE |

| AIRTEK INC's SERIES 612000 OBDII TWC FOR LIMITED FORD PC/LDT1 | | | | | | | | | | | | |
|---|------------|--------------------------|-------------|---|---|--------------|--------------|------------------|----------------|-----------|---|---|
| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit |
| 30 | 2000 | TAURUS, SABLE | 3.0L | YFMXV03.0VF3 | LEV | PC | D/Y | 3 | 2TWC/TWC | 2 FRONT | FRONT NA REAR 612006 12 VALVE U ENGINE | 612184 FRONT 612185 REAR 12 VALVE U ENGINE |
| | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | | | | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | |
| 31 | 2000 | TAURUS | 3.0L | YFMXV03.0VFA | LEV | PC | D/Y | 3 | 2TWC/TWC | 2 FRONT | FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR MAIN CONVERTER 612185 612006 24 VALVE S ENGINE | 612184 FRONT 612185 REAR 12 VALVE U ENGINE |
| | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | | | | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | |
| 32 | 2001 | MERCURY COUGAR, COUGAR S | 2.5L | 1FMXV02.5VD5 | TLEV | PC | D/Y | 3 | 2TWC/TWC | 2 FRONT | FRONT MANIFOLD NA REAR MANIFOLD NA REAR CONVERTER 612004 | FRONT MANIFOLD 612012 REAR MANIFOLD 612011 REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS |
| | | | | FRONT MANIFOLD NA REAR MANIFOLD NA REAR CONVERTER 612004 | FRONT MANIFOLD 612012 REAR MANIFOLD 612011 REAR CONVERTER 612147 AUTO TRANS REAR CONVERTER 612860 MAN TRANS | | | | | | | |
| 33 | 2001 | TAURUS, SABLE | 3.0L | 1FMXV03.0VF3 | LEV | PC | D/Y | 3 | 2TWC/TWC | 2 FRONT | FRONT NA REAR 612006 12 VALVE U ENGINE | 612184 FRONT 612185 REAR 12 VALVE U ENGINE |
| | | | | FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR MAIN CONVERTER 612185 612006 24 VALVE S ENGINE | | | | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | |

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| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit |
|-----|------------|---|-------------|---------------|---------------------|--------------|--------------|------------------|----------------|-----------|--|---|
| 34 | | LINCOLN | | 1FMXV03.0VD2 | TLEV | PC | D | 2UND | 2TWC | 2 | 612004 LEFT OR RIGHT | 612420 Right 612421 Left |
| 35 | | | | 1FMXV03.0VF2 | | | | | | | | 612420 Right 612421 Left |
| 36 | 2001 | ESCAPE | | 1FMXT03.01F6 | LEV | LDT1 | D/Y | 3 | 2TWC/ TWC | 2 FRONT | FRONT MANIFOLD NA 612028 REAR MANIFOLD NA | FRONT MANIFOLD READEMANIFOLD 612029 |
| 37 | | LINCOLN LS-6 MANUAL TRANSMISSION LINCOLN LS-6 AUTOMATIC TRANSMISSION | | 2FMXV03.0VD2 | TLEV | PC | D | 2UND | 2TWC | | 612004 LEFT OR RIGHT | TBD |
| 38 | | | | 2FMXV03.0VF2 | | | | | | | | |
| 39 | | ESCAPE | 3.0L | 2FMXT03.01F6 | | LDT1 | | | | | FRONT MANIFOLD NA 612028 REAR MANIFOLD NA | FRONT MANIFOLD 612028 REAR MANIFOLD 612029 |
| 40 | | | | 2FMXT03.01F7 | | | | | | | FRONT MANIFOLD NA 612028 REAR MANIFOLD NA | FRONT MANIFOLD 612028 REAR MANIFOLD 612029 |
| 41 | 2002 | TAURUS, SABLE | | 2FMXV03.0VF3 | LEV | PC | D/Y | 3 | 2TWC/ TWC | 2 | FRONT MANIFOLD NA 612006 12 VALVE U ENGINE | FRONT MANIFOLD 612184 FRONT 612185 REAR 12 VALVE U ENGINE |
| | | | | | | | | | | | REAR MAIN CONVERTER 612004 | REAR MAIN CONVERTER 612008 |
| | | | | | | | | | | | FRONT MANIFOLD NA 612006 24 VALVE S ENGINE | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE |

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AIRTEK INC's SERIES 612000 OBDII TWC FOR LIMITED FORD PC/LDT1

| No. | Model Year | Vehicle Model | Engine Size | Engine Family | Certification Level | Weight Class | Exhaust Type | Total Converters | Converter Type | Monitored | Universal | Direct Fit |
|-----|------------|---------------|-------------|--|---------------------|--------------|--------------|------------------|----------------|-----------|---|--|
| 42 | 2002 | TAURUS, SABLE | 3.0L | 2FMXV03.0VF4 | LEV | PC | D/Y | 3 | 2TWC/TWC | 2 | FRONT NA REAR 612006 12 VALVE U ENGINE | 612184 FRONT 612185 REAR 12 VALVE U ENGINE |
| | | | | FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE | | | | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | |
| 43 | 2003 | TAURUS, SABLE | 3.0L | 3FMXV03.0VF4 | LEV | PC | D/Y | 3 | 2TWC/TWC | 2 | FRONT NA REAR 612006 12 VALVE U ENGINE | 612184 FRONT 612185 REAR 12 VALVE U ENGINE |
| | | | | FRONT MANIFOLD CONVERTER NA REAR MANIFOLD CONVERTER NA REAR CONVERTER 612006 24 VALVE S ENGINE | | | | | | | FRONT MANIFOLD CONVERTER 612084 REAR MANIFOLD CONVERTER 612085 REAR MAIN CONVERTER 612185 24 VALVE S ENGINE | |
| 44 | | LINCOLN LS-6 | | 3FMXV03.0VF2 | | | D | 2 | 2TWC | | 612004 LEFT OR RIGHT | TBD |
| 45 | | ESCAPE | 3.0L | 3FMXT03.01F7 | LEV | LDT1 | D/Y | 3 | 2TWC/ TWC | ALL | FRONT MANIFOLD NA REAR MANIFOLD NA | FRONT MANIFOLD 612028 READ MANIFOLD 612029 |
| | | | | REAR MAIN CONVERTER 612004 | | | | | | | REAR MAIN CONVERTER 612008 | |