

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-353-34  
Relating to Exemptions under Section 27156  
of the Vehicle Code

Miller Catalyzer Corporation  
"Series 60000 OBD II Compliant Three-way Catalytic Converter"

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, Miller Catalyzer Corporation (Miller) of 3295 Depot Road, Hayward, California 94545, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Section 27156 to market its new aftermarket Series 60000 three-way catalytic converter (TWC) for installation on selected 1995 through 2002 model year Toyota passenger (PC) cars and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-353-34 and incorporated herein. The Series 60000 TWC will be used for single (one unit) exhaust system applications for selected Toyota PC/LDT1.

The 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-353-34.

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 converter complies with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converter was based on durability bench-aging by Umicore Automotive Catalysts 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, emissions tests conducted at the Automotive Testing Development Services, Inc. (ATDS), Ontario, California, using a 1999 3.1L Chevrolet Malibu equipped with a single exhaust system, and certified to the Low Emission Vehicle (LEV, PC) emission standards showed that the vehicle met the applicable emission standards with Series 60000 TWC (one unit) installed.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Miller Catalyzer Corporation using a vehicle of a weight classification similar to those listed in Appendix D-353-34 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-353-24, it was determined that the installation of Series 31000 TWC on the vehicles listed in Appendix D-353-34 meets the requirements of California regulations.

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-353-34 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 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 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 these products 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 Miller Catalyzer Corporation, 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. Miller Catalyzer Corporation'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 years on the shell and end pipes.
6. Miller Catalyzer Corporation 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 them appear to perform better than an OEM catalytic converter.
7. The new aftermarket catalytic converter substrate may not be sold or supplied to a third party by Miller, its associates, vendors, other businesses, and individuals associated with Miller, 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. Miller must submit the required quality audit and production quantity reports for its aftermarket catalytic converter 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 1 day of August 2008.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-353-34

Miller Catalyst Corporation, Catalytic Converter Series 60000, For Toyota PC and LDT1

No.	Model Year	Vehicle Model	Engine Size	Engine Family (Test Group)	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1	1995	Paseo	1.5L	STY1.5VHG1GA	Tier 1	PC						
2		Tercel	1.8L	STY1.5VHGFEK								
3		Corolla, Corolla Wagon	1.8L	STY1.8VJG1GA								
4		Toyota Truck 2WD	2.4L	STY2.4I7G1GA								
5		Toyota Truck 4WD		STY2.4I7G1HA								
6		Toyota Tacoma 2WD		STY2.4IHG1GK								
7		Toyota Tacoma 4WD		STY2.7IHG1GK								
8		Toyota T100 2WD	2.7L	STY2.7IHGEEK								
9		Camry, Camry Wagon	3.0L	STY3.0VJGFEK								
10		Toyota Avalon, Lexus ES300	3.4L	STY3.4IJG1GK								
11		Toyota T100 2WD		STY3.4IJGFEK								
12		Toyota Tacoma 2WD/4WD	1.5L	TTY1.5VHGFEK								
13	Toyota Tercel, Paseo	1.6L / 1.8L	TTY1.8VJG1GK									
14	Corolla, Corolla Wagon, Celica	2.4L	TTY2.4IHGKEK									
15	Toyota Tacoma 2WD	2.7L	TTY2.7IHGKEK									
16	Toyota T100 2WD		TTY2.7IHGFEK									
17	Toyota 4-Runner 2WD		TTY3.4IJG1GK									
18	Toyota Tacoma 4WD		TTY3.4IJGFEK									
19	Camry, Camry Wagon	3.0L	TTY3.0VJG1GK									
20	Toyota Avalon	3.4L	TTY3.4IJG1GK									
21	Lexus ES300		TTY3.4IJGFEK									
22	Toyota T100 2WD	1.5L	VTY1.5VJGKEK									
23	Toyota Tacoma 2WD/4WD	1.6L / 1.8L	VTY1.8VJGKEK									
24	Tercel, Paseo, Paseo Convertible	2.4L	VTY2.4IHGKEK									
25	Corolla, Celica	2.7L	VTY2.7IHGKEK									
26	Tacoma 2WD	2.7L	VTY2.7IJG2GK									
27	Toyota T100 2WD		VTY2.7IJGKEK									
28	Toyota Tacoma 4WD	3.0L	VTY3.0VJGKFK									
29	Toyota Camry, Avalon, Lexus ES300	3.4L	VTY3.4IJGKEK									
30	Toyota Tacoma 2WD/4WD, T100 2WD	2.4L	WTYX102.4BBH									
31	Toyota Tacoma 2WD	2.7L	WTYX102.7BBH									
32	Toyota T100 2WD		WTYX102.7DXH									
33	Toyota Tacoma 4WD											

APPENDIX D-353-34

Miller Catalyzer Corporation, Catalytic Converter Series 45000/61000, For Toyota PC and LDT1												
No.	Model Year	Vehicle Model	Engine Size	Engine Family (Test Group)	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
30	1998	Tacoma 2WD, T100 2WD	3.4L	WTYXI03.4BBH	Tier 1	LDT1	S	1	TWC	1	60000	TBD
31		Terrel, Paseo, Paseo Convertible	1.5L	WTYXV01.5BBA	TLEV	PC						
32		Corolla	1.8L	WTYXV01.8DXB	TLEV							
33		Camry	3.0L	WTYXV03.0BBA	Tier 1							
34	Terrel, Paseo, Paseo Convertible	1.5L	WTYXV01.5BBA	TLEV	LDT1							
35	Corolla	1.8L	WTYXV01.8DXB	TLEV								
36	Toyota Tacoma 2WD	2.4L	XTYXI02.4BBH	Tier 1	LDT1							
37	Toyota Tacoma 2WD/4WD	2.7L	XTYXI02.7BBH	TLEV								
38	Toyota Tacoma 4WD	2.7L	XTYXI02.7DXJ	TLEV								
39	Toyota Tacoma 2WD	3.4L	XTYXI03.4BBH	Tier 1								
40	Camry Solara, Camry	3.0L	XTYXV03.0BBA	LEV	PC							
41	Echo	1.5L	YTYXV01.5FFA	TLEV								
42	Celica	1.8L	YTYXV01.8DDB	LEV								
43	Celica	1.8L	YTYXV01.8DDC	LEV								
44	Corolla	1.8L	YTYXV01.8FFA	Tier 1								
45	Camry, Camry Solara	3.0L	YTYXV03.0BBA	LEV								
46	Toyota Echo	1.5L	ITYXV01.5FFA	TLEV								
47	Toyota Celica	1.8L	ITYXV01.8DDB	LEV								
48	Toyota Celica	1.8L	ITYXV01.8DDC	LEV								
49	Toyota Corolla	1.8L	ITYXV01.8FFA	Tier 1								
50	Camry, Camry Solara (Manual Transmission)	3.0L	ITYXV03.0BBA	LEV								
51	Echo	1.5L	2TYXV01.5FFA	TLEV								
52	Celica	1.8L	2TYXV01.8DDB	LEV								
53	Celica	1.8L	2TYXV01.8DDC	LEV								
54	Corolla	1.8L	2TYXV01.8FFA	Tier 1								
55	Camry Solara	3.0L	2TYXV03.0BBC	Tier 1								