State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-353-13
Relating to Exemptions under Section 27156
of the Vehicle Code

Miller Catalyzer Corporation
"Series 31000 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 31000 three-way catalytic converter (TWC) for installation on selected 1996 through 1999 model year DaimlerChrysler trucks equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-353-13 and incorporated herein. The Series 31000 TWC will be used for single (one unit) exhaust system applications for selected DaimlerChrysler trucks.

Series 31000 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-353-13.

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 Delphi Energy and Chassis Systems using Air Resources Board-modified RAT-A bench-aging cycle for 100 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 1998 3.3L Plymouth Voyager equipped with a single exhaust system, and certified to the Low Emission Vehicle emission standards, and light-duty truck 2 weight category, showed that the vehicle met the applicable emission standards with Series 31000 TWC (one unit) installed.

OBD II compatibility tests performed on the same test vehicle showed that Series 31000 TWC did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below.

ATDS, Ontario, California				
3.3L Plymouth Voyager Test				
	NMOG	CO	NOx	Remarks
100K Standard	0.130	5.5	0.5	
Test 1	0.113	0.8	0.4	Pass
Test 2	0.095	0.7	0.4	Pass
Average of Tests1 & 2	0.104	0.7	0.4	Pass

IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions in Vehicle Code Section 27156 for installation on the vehicles listed in Appendix D-353-13 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 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.

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 21st day of June 2006.

J. Lourenco
For Allen Lyons, Chief
Mobile Source Operations Division

APPENDIX D-353-13

Miller Catalyzer Corporation, Catalytic Converter Series 31000, Dodge/Jeep/Chrysler/Plymouth, Up to 14,000 lbs. ALVW												
No.	Model Year	Vehicle Model	Engine Size	No. of Cylinders	Engine Family	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
1	1996	Caravan/Voyager.Town&Country	3.3L	6	TCR23228G1EK	Tier 1	S	1	TWC	1	31000	31458
	1996	Caravan/Voyager.Town&Country	3.8L	6			S	1	TWC	1	31000	31469
2	1996	Dakota	3.9L	6	TCR23928G1EK	Tier 1	S	1	TWC	1	31000	31039C
3	1996	Ram 1500	3.9L	6	TCR239H8G1EK	Tier 1	S	1	TWC	1	31000	31038C
4	1996	Grand Cherokee, 2WD, 4WD	4.0L	6	TCR24228G1EK	Tier 1	S	1	TWC	1	31000	31429
5	1996	Cherokee, 2WD	4.0L	6	TCR24228G1FK	Tier 1	S	1	TWC	1	31000	31429
	1996	Grand Cherokee 4WD	4.0L	6			S	1	TWC	1	31000	31429
6	1996	Dakota 2WD long wb	5.2L	8	TCR31828G1EK	Tier 1	S	1	TWC	1	31000	31450
	1996	Dakota 2WD short wb	5.2L	8			S	1	TWC	1	31000	31450
	1996	Van B1500/B2500/B3500	5.2L	8			S	1	TWC	1	31000	31041
7	1996	Dakota 4WD long wb	5.2L	8	TCR31828G1EL	Tier 1	S	1	TWC	1	31000	31450
8	1996	Dakota 4WD short wb	5.2L	8	TCR360H8G1EK	Tier 1	S	1	TWC	1	31000	31450
	1996	Grand Cherokee 4WD	5.2L	8			S	1	TWC	1	31000	31429
	1996	Dakota 2WD short wb	5.9L	8			S	1	TWC	1	31000	31450
	1996	Ram 1500/2500 2WD	5.2L	8			S	1	TWC	1	31000	31038C
	1996	Ram 1500/2500	5.9L	8			S	1	TWC	1	31000	31450
	1996	Van B1500/B2500/B3500	5.9L	8			S	1	TWC	1	31000	31429
9	1996	Grand Cherokee 4WD	5.9L	8	TCR36028G1EL	Tier 1	S	1	TWC	1	31000	31429
	1996	Dakota 4WD short wb	5.9L	8			S	1	TWC	1	31000	31038C
	1996	Grand Cherokee	5.9L	8			S	1	TWC	1	31000	31038C
10	1996	Van B1500/B2500/B3500	5.2L, 5.9L	8	TCR360J8G1EK	Tier 1	S	1	TWC	1	31000	31041
11	1996	Ram 2500/3500 LH/RH	8.0L	10	TCR488K8G1EK	Tier 1	S	1	TWC	1	31000	31040
12	1997	Caravan/Voyager/Town&Country	3.3L	6	VCR2328G1EK	Tier 1	S	1	TWC	1	31000	31458
	1997	Caravan/Voyager/Town&Country	3.8L	6			S	1	TWC	1	31000	31469
13	1997	Dakota, Ram 1500, Van B1500/B2500	3.9L	6	VCR239H8G1EK	Tier 1	S	1	TWC	1	31000	31039C
14	1997	Wrangler, 4WD	4.0L	6	VCR24228G1EL	Tier 1	S	1	TWC	1	31000	31429
15	1997	Ram 1500/2500 2WD	5.2L	8	VCR318H8G1EK	Tier 1	S	1	TWC	1	31000	31038C
	1997	Dakota 2WD	5.2L	8			S	1	TWC	1	31000	TBD
16	1997	Dakota 2WD	5.9L	8	VCR36028G1EK	Tier 1	S	1	TWC	1	31000	TBD
	1997	Grand Cherokee	5.9L	8			S	1	TWC	1	31000	31429
	1997	Grand Cherokee	5.2L	8			S	1	TWC	1	31000	31429

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No.	Model Year	Vehicle Model	Engine Size	No. of Cylinders	Engine Family	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
17	1997	Dakota 4WD long wb	5.2L	8	VCR360H8G1EL	Tier 1	S	1	TWC	1	31000	TBD
	1997	Dakota 4WD short wb	5.2L	8			S	1	TWC	1	31000	TBD
	1997	Dakota 2WD	5.2L	8			S	1	TWC	1	31000	TBD
	1997	Dakota 4WD long wb	5.9L	8			S	1	TWC	1	31000	31045
	1997	Ram 1500/2500 2WD/4WD	5.2L	8			S	1	TWC	1	31000	31045
	1997	Ram 1500/2500 4WD	5.2L	8			S	1	TWC	1	31000	31038C
	1997	Ram 1500/2500	5.9L	8			S	1	TWC	1	31000	31045
	1997	Van B1500/B2500	5.2L	8			S	1	TWC	1	31000	TBD
	1997	Van B1500/B2500	5.9L	8			S	1	TWC	1	31000	TBD
18	1997	Ram 1500/2500 4WD	5.2L	8	VCR360J8G1EK	Tier 1	S	1	TWC	1	31000	31038C
	1997	Ram 1500/2500/3500	5.9L	8			S	1	TWC	1	31000	31045
19	1997	Ram 1500/2500 2WD	5.2L	8	VCR360J8G1EL	Tier 1	S	1	TWC	1	31000	31038C
	1997	Ram 1500/2500/3500	5.9L	8			S	1	TWC	1	31000	31038C
	1997	Van B1500/B2500/B3500	5.2L	8			S	1	TWC	1	31000	TBD
20	1997	Ram 3500 LH/RH	8.0L	10	VCR488K8G1EK	Tier 1	S	1	TWC	1	31000	31040
21	1998	Caravan/Voyager/Town&Country	3.3L	6	WCRXA0201230	LEV	S	1	TWC	1	31000	31461
22	1998	Ram 1500 , Dakota Pickup	3.9L	6	WCRXA0239H11	Tier 1	S	1	TWC	1	31000	31043C
23	1998	Durango	3.9L	6	WCRXA0239H12	Tier 1	S	1	TWC	1	31000	TBD
24	1998	Dakota 4WD long wb	5.2L	8	WCRXA0318H11	Tier 1	S	1	TWC	1	31000	31038C
	1998	Dakota 4WD short wb	5.2L	8			S	1	TWC	1	31000	31038C
	1998	Ram 1500	5.2L	8			S	1	TWC	1	31000	31038C
25	1998	Dakota 2WD	5.9L	8	WCRXA0360H31	LEV	S	1	TWC	1	31000	TBD
	1998	Ram 1500	5.9L	8			S	1	TWC	1	31000	31038C
26	1998	Durango 4WD	5.2L	8	WCRXA0360H32	LEV	S	1	TWC	1	31000	31035C
	1998	Durango 4WD	5.9L	8			S	1	TWC	1	31000	31035C
27	1998	Van B1500/B2500, Ram 1500 Pickup	5.2L	8	WCRXA0360J11	Tier 1	S	1	TWC	1	31000	31038C
28	1998	Ram 1500/2500 (A/T)	5.9L	8	WCRXA0360J31	LEV	S	1	TWC	1	31000	31038C
	1998	Ram 1500/2500 (M/T)	5.9L	8			S	1	TWC	1	31000	31038C
	1998	Van B1500/B2500	5.9L	8			S	1	TWC	1	31000	31038C
29	1998	Ram 2500/3500 LH/RH	8.0L	10	WCRXA0488K11	Tier 1	S	1	TWC	1	31000	TBD
30	1998	Caravan/Voyager/Town&Country	3.8L	6	WCRXT0232220	TLEV	S	1	TWC	1	31000	TBD
31	1998	Dakota Pickup	3.9L	6	WCRXT0239211	Tier 1	S	1	TWC	1	31000	31038C

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No.	Model Year	Vehicle Model	Engine Size	No. of Cylinders	EngineFamily	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
32	1999	Ram 1500 Pickup	3.9L	6	XCRXA0239H11	Tier 1	S	1	TWC	1	31000	31038C
	1999	Van B1500	3.9L	6			S	1	TWC	1	31000	31043
33	1999	Durango SUV 2WD, 4WD	3.9L	6	XCRXA0239H12	Tier 1	S	1	TWC	1	31000	TBD
34	1999	Ram 1500 Van, Pickup	5.2L	8	XCRXA0318H11	Tier 1	S	1	TWC	1	31000	TBD
35	1999	Dakota 4WD long wb Pickup	5.2L	8	XCRXA0360211	Tier 1	S	1	TWC	1	31000	TBD
	1999	Dakota 4WD short wb Pickup	5.2L	8			S	1	TWC	1	31000	TBD
	1999	Dakota Pickup	5.9L	8			S	1	TWC	1	31000	31045
36	1999	Ram 1500 Van, Pickup	5.9L	8	XCRXA0360H31	LEV	S	1	TWC	1	31000	31038C
37	1999	Durango SUV 2WD	5.2L	8	XCRXA0360H32	LEV	S	1	TWC	1	31000	31035C
	1999	Durango SUV 4WD	5.9L	8			S	1	TWC	1	31000	31035C
38	1999	Ram 1500/2500/3500 (A/T)	5.9L	8	XCRXA0360J31	LEV	S	1	TWC	1	31000	31038C
	1999	Van B1500/B2500/B3500	5.9L	8			S	1	TWC	1	31000	31043
39	1999	Ram 3500 LH/RH	8.0L	10	XCRXA0488K11	Tier 1	S	1	TWC	1	31000	31040
40	1999	Caravan/Voyager/Town&Country	3.3L	6	XCRXT0201230	LEV	S	1	TWC	1	31000	31461
41	1999	Town&Country	3.8L	6	XCRXT0232220	TLEV	S	1	TWC	1	31000	TBD
42	1999	Caravan/Town&Country	3.8L	6	XCRXT0232230	LEV	S	1	TWC	1	31000	TBD
43	1999	Dakota	3.9L	6	XCRXT0239211	Tier 1	S	1	TWC	1	31000	31429