State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-562-36
Relating to Exemptions under Section 27156 and 38391
of the Vehicle Code

Valina, Inc. (d.b.a. CarTex)
"Series 12200 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, Valina, Inc. (Valina) of 4560 Worth Street, Los Angeles, California 90069, 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 12200 three-way catalytic converters (TWC) on selected 1996 through 2004 model year General Motors medium-duty vehicles equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-562-36 and incorporated herein. Series 12200 TWC will be used for dual exhaust systems with a single catalytic converter (one unit) in each exhaust bank. The catalytic converters may 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 Umicore Automotive Catalysts USA using the Air Resources Board-modified RAT-A bench-aging cycle for 100 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 Valina, Inc. using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-562-36 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Orders D-562-3, it was determined that the installation of Series 12200 TWCs on the vehicles listed in Appendix D-562-36 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s Series 12200 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-36 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 Valina, 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. Valina, 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. Valina, 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. Valina, Inc., its associates, vendors, other businesses and individuals associated with Valina, 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. Valina, 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.

12. Valina, 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. Valina, 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-562-31 dated February 24, 2009, 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 7 day of July 2009.

Annette Hebert, Chief
Mobile Source Operations Division

Appendix # D-562-36

VALINA INC. - Series 12200 OBD II TWC for GM MDV Application

No.	Model Year	Make	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Total Conv.	Moni. Conv.	Conv. Type	Univ.	Direct Fit
1	1996	Chevy	ESCALADE	8	5.7L	TGM5.75PGFEK	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 1500 2WD/4WD	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 2500 2WD/4WD	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 3500 2WD	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			SUBURBAN	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G2500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
2			PU 3500 4WD	8	5.7L	TGM5.7JPG1EK	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
3		Cadilac	ESCALADE	8	7.4L	TGM7.4J8G1EK	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	PU 2500 2WD/4WD	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 3500 2WD/4WD	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			SUBURBAN	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
			VAN G3500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
4	1997	Cadilac	ESCALADE	8	5.7L	VGM5.7HPG1EK	Tier 1	MDV2	D	2	2	2TWC	12220	N/A
		Chevy	PU 1500 2WD/4WD	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12250	N/A
			PU 2500 2WD/4WD	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12230	N/A
			PU 3500 2WD/4WD	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12220	N/A
			SUBURBAN/	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12240	N/A
5		Cadilac	ESCALADE	8	5.7L	VGM5.7JPG1EK	Tier 1	MDV3	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN/	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			VAN G2500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
		Cadilac	ESCALADE	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN/	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			VAN G2500/G3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
6		Cadilac	ESCALADE	8	7.4L	VGM7.4J8G1EK	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	PU 2500 2WD/4WD	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 3500 2WD/4WD	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			SUBURBAN/	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A

Appendix # D-562-36

VALINA INC. - Series 12200 OBD II TWC for GM MDV Application

No.	Model Year	Make	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Total Conv.	Moni. Conv.	Conv. Type	Univ.	Direct Fit
6	1997	Chevy	VAN G3500	8	7.4L	VGM7.4J8G1EK	Tier 1	MDV3	D	2	2	2TWC	12250	N/A
7	1998		PU 1500	8	5.7L	WGMXAO5.7182	Tier 1	MDV2	D	2	2	2TWC	12220	N/A
			PU 2500	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12220	N/A
			PU 3500	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12220	N/A
8			PU 1500	8	5.7L	WGMXAO5.7184	Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 2500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
9		Cadilac	ESCALADE	8	5.7L	WGMXAO5.7185	LEV	MDV2	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN	8	5.7L		LEV	MDV2	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		LEV	MDV2	D	2	2	2TWC	12220	N/A
10		Cadilac	ESCALADE	8	5.7L	WGMXAO5.7186	LEV	MDV3	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN	8	5.7L		LEV	MDV3	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		LEV	MDV3	D	2	2	2TWC	12220	N/A
10	1998	Chevy	VAN G2500	8	5.7L	WGMXAO5.7186	LEV	MDV3	D	2	2	2TWC	12230	N/A
			VAN G3500	8	5.7L		LEV	MDV3	D	2	2	2TWC	12230	N/A
11			PU 1500	8	5.7L	WGMXAO5.7187	Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 2500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
12		Cadilac	ESCALADE	8	7.4L	WGMXAO7.4201	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	PU 2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 3500	8	7.4L		Tier 1	MDV3	D	2	2	12220	12230	N/A
			SUBURBAN/	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G3500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
13	1999		PU 1500	8	4.3L	XGMXAO4.3194	LEV	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	4.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
14			PU 1500	8	4.3L	XGMXAO4.3195	Tier 1	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	4.3L		Tier 1	MDV2	D	2	2	2TWC	12230	N/A
15			PU 1500	8	4.8L	XGMXAO4.8184	Tier 1	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	4.8L		Tier 1	MDV2	D	2	2	2TWC	12230	N/A
16			PU 1500	8	5.7L	XGMXAO5.7182	Tier 1	MDV2	D	2	2	2TWC	12220	N/A
			PU 2500	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12220	N/A
			PU 3500	8	5.7L		Tier 1	MDV2	D	2	2	2TWC	12220	N/A
17		Cadilac	ESCALADE	8	5.7L	XGMXAO5.7185	LEV	MDV2	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN	8	5.7L		LEV	MDV2	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		LEV	MDV2	D	2	2	2TWC	12220	N/A

Appendix # D-562-36

VALINA INC. - Series 12200 OBD II TWC for GM MDV Application

No.	Model Year	Make	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Total Conv.	Moni. Conv.	Conv. Type	Univ.	Direct Fit
17	1999	Chevy	VAN G2500	8	5.7L	XGMXA05.7185	LEV	MDV2	D	2	2	2TWC	12230	N/A
			VAN G3500	8	5.7L		LEV	MDV2	D	2	2	2TWC	12230	N/A
18		Cadilac	ESCALADE	8	5.7L	XGMXAO5.7186	LEV	MDV3	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN	8	5.7L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	5.7L		LEV	MDV3	D	2	2	2TWC	12220	N/A
19		Cadilac	ESCALADE	8	5.7L	XGMXAO5.7187	Tier 1	MDV3	D	2	2	2TWC	12220	N/A
		Chevy	PU 3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			SUBURBAN/	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
20			PU 1500	8	6.0L	XGMXAO6.0182	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 2500	8	6.0L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 3500	8	6.0L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
21			PU 3500	8	6.0L	XGMXAO6.0183	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
22		Cadilac	ESCALADE	8	7.4L	XGMXAO7.4201	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	PU 2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 3500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			SUBURBAN	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
			VAN G3500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
23			PU 1500	8	5.3L	YGMXAO5.3183	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			PU 2500	8	5.3L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
23	1999	Chevy	PU 3500	8	5.3L	YGMXAO5.3183	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
24	2000		PU 1500	8	4.3L	YGMXAO4.3190	Tier 1	MDV3	D	2	2	2TWC	12250	N/A
			PU 2500	8	4.3L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
25			PU 1500	8	5.3L	YGMXAO5.3181	Tier 1	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	5.3L		Tier 1	MDV2	D	2	2	2TWC	12230	N/A
			PU 1500	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
26		Cadilac	ESCALADE	8	5.3L	YGMXAO5.3184	LEV	MDV2	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN/	8	5.3L		LEV	MDV2	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
27			PU 2500	8	5.7L	YGMXAO5.7191	Tier 1	MDV3	D	2	2	2TWC	12220	N/A
			PU 3500	8	5.7L		Tier 1	MDV3	D	2	2	2TWC	12220	N/A
28		Cadilac	ESCALADE	8	5.7L	YGMXAO5.7194	LEV	MDV2	D	2	2	2TWC	12220	N/A
		Chevy	SUBURBAN/	8	5.7L		LEV	MDV2	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.7L		LEV	MDV2	D	2	2	2TWC	12220	N/A

VALINA INC. - Series 12200 OBD II TWC for GM MDV Application

No.	Model Year	Make	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Total Conv.	Moni. Conv.	Conv. Type	Univ.	Direct Fit
29	2000	Chevy	PU 2500	8	7.4L	YGMXAO7.4201	Tier 1	MDV3	D	2	2	2TWC	12240	N/A
			PU 3500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			VAN G2500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
			VAN G3500	8	7.4L		Tier 1	MDV3	D	2	2	2TWC	12250	N/A
30			PU 1500	8	4.3L	YGMXTO4.3184	Tier 1	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	4.3L		Tier 1	MDV2	D	2	2	2TWC	12230	N/A
31		Cadilac	ESCALADE	8	6.0L	YGMXTO6.0192	Tier 1	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	SUBURBAN	8	6.0L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
			TAHOE	8	6.0L		Tier 1	MDV3	D	2	2	2TWC	12230	N/A
32	2001		PU 1500	8	4.3L	1GMXA04.3190	LEV	MDV2	D	2	2	2TWC	12230	N/A
			PU 2500	8	4.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
33		Cadilac	ESCALADE	8	5.3L	1GMXAO5.3184	LEV	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	PU 1500	8	5.3L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			PU 2500	8	5.3L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			SUBURBAN	8	5.3L		LEV	MDV3	D	2	2	2TWC	12220	N/A
			TAHOE	8	5.3L		LEV	MDV3	D	2	2	2TWC	12230	N/A
34			VAN G2500	8	6.0L	1GMXAO6.0188	LEV	MDV3	D	2	2	2TWC	12230	N/A
			VAN G3500	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
35			VAN G2500	8	6.0L	1GMXAO6.0194	LEV	MDV3	D	2	2	2TWC	12230	N/A
			VAN G3500	8	6.0L		LEV	MDV3	D	2	2	2TWC	12250	N/A
			Additional Vehicles # 1											
36	2002	Cadilac	ESCALADE EXT	8	6.0L	2GMXA06.0194	LEV	MDV3	D	2	2	2TWC	12230	N/A
			ESCALADE XLT	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			ESCALADE AWD	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	G2500 (express passen., Van Cargo)2WD	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			Chevy. G1500 (express passeng., Van Cargo)2WD	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
		GMC	G1500 Savanna (Cargo, Passenger) 2WD	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			G2500 Savanna (Cargo, Passenger) 2WD	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
36	2002	GMC	K1500 YUKON (DENALI, XL) AWD	8	6.0L	2GMXA06.0194	LEV	MDV3	D	2	2	2TWC	12230	N/A
37	2003	Chevy	Silverado 1500 4WD	8	4.8L	3GMXT05.3183	LEV	MDV2	D	2	2	2TWC	12230	N/A
			Van 2500	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			SSR PICKUP 2WD	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A

Appendix # D-562-36

VALINA INC. - Series 12200 OBD II TWC for GM MDV Application

No.	Model Year	Make	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Total Conv.	Moni. Conv.	Conv. Type	Univ.	Direct Fit
37	2003	Chevy	Trailblazer 2WD, 4WD	8	5.3L	3GMXT05.3183	LEV	MDV2	D	2	2	2TWC	12230	N/A
			Van 1500	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
		GMC	Envoy 2WD, 4WD	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			Sierra 1500 2WD/4WD	8	4.8L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			Silverado 1500 2WD	8	4.8L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			GMC Savana 1500	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			Savana 2500	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
38		Isuzu	Ascender 2WD, 4WD	8	5.3L	3GMXT05.3183	LEV	MDV2	D	2	2	2TWC	12230	N/A
39		Chevy	Silverado 1500 4WD	8	4.8L	3GMXT05.3184	LEV	MDV3	D	2	2	2TWC	12230	N/A
			Tahoe 1500 2WD, 4WD	8	4.8L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			Van 1500 2WD, 4WD	8	5.3L		LEV	MDV3	D	2	2	2TWC	12250	N/A
			Van 2500 2WD, 4WD	8	5.3L		LEV	MDV3	D	2	2	2TWC	12250	N/A
			Express 1500 2WD, 4WD	8	5.3L		LEV	MDV3	D	2	2	2TWC	12250	N/A
			Express 2500 2WD	8	5.3L		LEV	MDV3	D	2	2	2TWC	12250	N/A
		GMC	Sierra 1500 4WD	8	4.8L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			Savana 1500 2WD, 4WD	8	5.3L		LEV	MDV3	D	2	2	2TWC	12230	N/A
			Savana 2500 2WD, 4WD	8	5.3L		LEV	MDV3	D	2	2	2TWC	12250	N/A
			Yukon 1500 2WD, 4WD	8	4.8L		LEV	MDV3	D	2	2	2TWC	12230	N/A
40		Cadilac	ESCALADE AWD	8	6.0L	3GMXT06.0187	LEV	MDV3	D	2	2	2TWC	12230	N/A
		Chevy	Silverado SS	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
		GMC	Yukon 1500 AWD	8	6.0L		LEV	MDV3	D	2	2	2TWC	12230	N/A
41		Hummer	H2	8	6.0L	3GMXT06.0194	LEV	MDV3	D	2	2	2TWC	12230	N/A
Additional Vehicles # 2														
42	2004	Chevy	C1500 SILVERADO	8	4.3L	4GMXT04.3184	LEV	MDV2	D	2	2	2TWC	12230	N/A
			K1500 SILVERADO	8	4.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
		GMC	G2500 EXPRESS, SAVANA VANS	8	4.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			SIERRA	8	4.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			G1500 EXPRESS, SAVANA VANS	8	4.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
43		BUICK	RAINIER 2WD & AWD	8	5.3L	4GMXT05.3170	LEV	MDV2	D	2	2	2TWC	12230	N/A
		Chevy	TRAILBLAZER	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			ASCNDER 2& 4WD	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			C1500/K150 SILVERADO	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A

Appendix # D-562-36

VALINA INC. - Series 12200 OBD II TWC for GM MDV Application

No.	Model Year	Make	Vehicle Model	No. of Cylinders	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Total Conv.	Moni. Conv.	Conv. Type	Univ.	Direct Fit
43	2004	Chevy	SSR PICKUP 2WD	8	5.3L	4GMXT05.3170	LEV	MDV2	D	2	2	2TWC	12230	N/A
		GMC	G2500 VAN,SAVANA	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			ENVOY XL	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			SIERRA	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
			G1500 VAN,SAVANA	8	5.3L		LEV	MDV2	D	2	2	2TWC	12230	N/A
44		HUMMER	H2 4WD	8	6.0L	4GMXT06.0194	LEV	MDV3	D	2	2	2TWC	12230	N/A
Additional Vehicles # 3														
45	1999	GMC	VAN G2500/3500		5.7L	XGMXA05.7185	LEV	MDV2	D	2	2	2TWC	12250	N/A
46	2000		PU 1500/2500		5.3L	YGMXA05.3183	LEV	MDV2	D	2	2	2TWC	12250	N/A
47			PU 1500/2500		5.3L	YGMXA05.3181	Tier 1	MDV2	D	2	2	2TWC	12250	N/A
48	2001		Silverado/Sierra 1500 Yukon, Tahoe		5.3L/4.8L	1GMXA05.3184	LEV	MDV3	D	2	2	2TWC	12250	N/A
49			PU 1500/2500											
50			Silverado/Sierra 1500		4.8L/5.3L	1GMXA05.3183	LEV	MDV2	D	2	2	2TWC	12250	N/A