State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-562-41
Relating to Exemptions under Section 27156 and 38391
of the Vehicle Code

Valina, Inc. (dba Car Tex Manufacturing)
"Series 13400/13500 Three-Way Catalytic Converter"

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. of 4560 Worth Street, Los Angeles, California 90063, 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 13400/13500 three-way catalytic converter (TWC) for installation on selected 1996 through 2005 model year Ford medium-duty trucks equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-562-41 and incorporated herein. Series 13400/13500 TWC will be used in dual exhaust system applications with Series 13400 used as the front catalytic converter and Series 13500 used as the rear catalytic converter. These 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 converter complies with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Umicore AutoCat USA Inc. 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, emissions tests conducted at Automotive Testing and Development Services, Inc., located in Ontario, California, using a 2002 model year 5.4L Ford F-150, test group 2FMXT05.4PF6, certified to Low Emission Vehicle emission standards (LEV), showed that the vehicle met the applicable emission standards with Series 13400 used as the front catalytic converter and Series 13500 used as the rear catalytic converter (2 units per engine bank) installed. OBD II compatibility tests performed on the same test vehicle showed that Series 13400/13500 TWC did not affect the vehicle's ability to perform OBD II system monitoring. The following are the test results in grams per mile

	NMOG	CO	NOx
120K Standards	0.230	6.4	0.6
Series 13400/13500 Test 1	0.163	1.5	0.2
Series 13400/13500 Test 2	0.160	1.6	0.3

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s Series 13400/13500 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-41 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 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 converter and is only a finding that the catalytic converter is exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.

4. Valina Inc.'s installation instructions for the new catalytic converter 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 converter shall not cause the relocation of any oxygen sensors. 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 converter 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 converter as a "high flow or easy flow" catalytic converter 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 must be submitted 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 as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

14. This exemption is conditional upon Valina, Inc. completing the "Proper MIL Illumination Demonstration" within two years of issuance of this exemption and will otherwise expire two years from the date of signature.

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 26 day of January 2010.

Annette Hebert, Chief
Mobile Source Operations Division

Valina, Inc.'s Series 13400/13500 for Ford MDV OBD II Application

NO	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal FRONT	Universal REAR	Direct Fit
1	1996	E150 2WD	4.9L	TFM4.958GFJK	TIER-1	MDV2	D	TWC(2)	2	2	13440	13540	N/A
		E250 VAN/SUPER VAN MODELS											
		F150 2WD											
		F250 2WD											
		BRONCO 4X4											
2		E150 2WD		TFM4.968GFJK		MDV3					13440	13540	
		E250 2WD											
		E250 STRIP CHASSIS											
		E350											
		F250 2WD											
		F350 2WD											
		F250 4WD											
		F350 4WD											
3		BRONCO 4WD	5.0L	TFM5.0HG1EK		MDV2					13440	13540	
		F150 2WD											
		F150 4WD											
		F250 2WD											
4		E150 2WD		TFM5.0J8G1EK		MDV3					13420	13520	
5		E250 2WD	5.8L	TFM5.8J8G1EK		MDV3					13440	13540	
		E250 STRIP CHASSIS											
		E250 CUTAWAY											
		E150 2WD											
		E350 2WD											
		F250 2WD											
		F250 4WD											
		F350 4WD											
		F350 4WD											
6		F150		TFM5.8H8G1EK		MDV2					13440	13540	
		F250											
		BRONCO 4X4											
7	1997	E150 ECONOLINE 2WD	4.2L	VFM4.2H8G1EK	Tier1	MDV2 to MDV4	D	2TWC(2)	4	4	13440	13540	
8		E150 ECONOLINE 2WD,		VFM4.2J8G1EK							13440	13540	
		E150 CLUB WAGON											
		E250 ECONOLINE 2WD											
		E250 STRIP CHASSIS 2W											
		E250 CAB CHASSIS 2WD											
9		F150 PICKUP 2WD, F150 PICKUP 4WD	4.6L	VFM4.628G1EK							13440	13540	
10		F150 PICKUP 2WD		VFM4.6H8G1EK							13440	13540	
11		EXPEDITION 2WD, EXPEDITION 4WD		VFM4.6J8G1EK							13440	13540	
		F250 PICKUP 2WD, F250 PICKUP 4WD											
12		F150 PICKUP 2WD, F150 PICKUP 4WD		VFM5.4H8G1EK							13440	13540	
13		EXPEDITION 2WD, 4WD		VFM5.4J8G1FK							13440	13540	

Valina, Inc.'s Series 13400/13500 for Ford MDV OBD II Application

NO	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal FRONT	Universal REAR	Direct Fit
14	1998	F150,E150	4.6L	WFMXA04.6AAA	Tier1	MDV2	D	2TWC(2)	4	4	13440	13540	N/A
15		F150	5.4L	WFMXA05.4HBC		TO					13440	13540	
16		EXPEDITION, NAVIGATOR		WFMXA05.4JGC	LEV	MDV4					13440	13540	
17		F150	4.2L	WFMXT04.2AAA	Tier1						13440	13540	
18		F250 & F150 4WD	5.4L	WFMXA05.4JBP							13450	13550	
19		LINCOLN NAVIGATOR 2WD	5.4L	WFMXA05.4JBC							13440	13540	
20		E150 VANS, E250 VANS, E250 STRIP CHASSIS, E250 CHASSIS CAB	4.2L	WFMXA04.2ABA							13430	13530	
21		E150 VAN	4.6L	WFMXA04.6BAA							13430	13530	
		F250 2WD									13430	13530	
		F250 4WD									13430	13530	
		EXPEDITION 4WD									13430	13530	
		EXPEDITION 2WD									13430	13530	
22		E150 VAN	4.2L	WFMXA04.2AAA							13430	13530	
23		F150	4.6L	WFMXT04.6AAA							13440	13540	
24	1999	F150		XFMXA04.6HGC	LEV						13440	13540	
25		E150 VAN	4.2L	XFMXA04.2HGC	LEV						13430	13530	
26		E150,E250	4.6L	XFMXA04.6JBC	Tier1						13440	13540	
27		EXPEDITION		XFMXA04.6JGC	LEV						13440	13540	
28		F150	5.4L	XFMXA05.4HGC							13440	13540	
29		LINCOLN NAVIGATOR 2WD/4WD		XFMXA05.4JGN							13430	13530	
30		EXPEDITION, F150		XFMXA05.4JGC							13440	13540	
31	2000	EXPEDITION,F150	4.6L	YFMXA04.6HGC							13440	13543	
32		F150 4WD	5.4L	YFMXT05.4PF5							13430	13533	
33		F150	5.4L	YFMXA05.4HGC							13440	13540	
34		EXPEDITION 2WD, F150 2WD, LINCOLN NAVIGATOR 2WD	5.4L	YFMXT05.4RF7	LEV	MDV3	D	2TWC(2)	4	4	13430	13530	
		EXPEDITION 4WD, LINCOLN NAVIGATOR 4WD, F150 4WD											
		E150, 250, 350 VANS					D/Y	2TWC/TWC	3	3	13440	13540	
35		E150 2WD	4.2L	YFMXT04.2HGC	LEV	MDV2	D	2TWC(2)	4	4	13450	13550	
36		EXPEDITION	4.6L	YFMXT04.66FF	LEV	to					13440	13540	
37	2001	E150	4.6L	1FMXT04.6PF5	LEV	MDV4					13440	13540	
38		F150 2WD LIGHTING	5.4L	1FMXT05.42F5	LEV						13450	13550	
39		E150	4.2L	1FMXT04.2HG5	LEV						13430	13530	
40		F150	4.2L	1FMXT04.22F5	LEV						13440	13540	
41		E150, E250, E250 STRIP CHASSIS, E250 CHASSIS CAB	4.2L	1FMXT04.2JG5							13440	13540	
42		EXPEDITION	4.6L	IFMXT04.66F5							13440	13540	
43		EXPEDITION		IFMXT04.66F7							13440	13540	
44		EXPEDITION, F150		IFMXT04.6PF6							13440	13540	
45	2001	F150	5.4L	IFMXT05.4PF4	LEV	MDV2	D	2TWC(2)	4	4	13440	13540	N/A
46		F150		IFMXT05.4PF5		TO							
47		E150		IFMXT05.4RF8		MDV4							

Valina, Inc.'s Series 13400/13500 for Ford MDV OBD II Application

NO	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal FRONT	Universal REAR	Direct Fit
48	2002	F150	5.4L	2FMXT05.4RF6	LEV	MDV2 TO MDV4	D	2TWC(2)	4	4	13440	13540	N/A
49		F150		2FMXT05.4PF6							13440	13540	
50		F150		2FMXT05.42F5							13440	13540	
51		F150		2FMXT05.4PF5							13440	13540	
52		E150	4.2L	2FMXT04.2HF5							13440	13540	
53		E150		2FMXT04.2JF5							13440	13540	
		E250											
54	2002	E-150 ECONOLINE 2WD:E-150 CW,E-250 ECONOLINE 2WD,E-350 2WD	4.6/ 5.4L	2FMXT05.4RF9	LEV	MDV3	D/Y	2TWC/TWC	3	3	13440	13540	N/A
		E-350 2WD											
55		E-350 2WD	6.8	2FMXA06.8JFN	LEV	MDV3	D/Y	2TWC/TWC	3	3	13440	13540	N/A
56		LINCOLN BLACKWOOD	5.4L	2FMXT05.4RF8	LEV	MDV2 TO MDV4	D	2TWC(2)	4	4	13440	13540	N/A
		EXPEDITION											
57		F150		2FMXT05.4RF8							13440	13540	
		LINCOLN NAVIGATOR									13440		
58	2003	LINCOLN BLACKWOOD 2WD		3FMXT05.4RF8							13440	13540	
		FORD F-150 SUPERSCREW P-U 2WD											
		FORD F-150 P-U 2WD/4WD SHORT/LONG WB											
59		FORD F-150 P-U 2WD/4WD SHORT WB		3FMXT05.4PFB							13440	13540	
		FORD F-150 SUPERSCREW P-U 2WD											
		FORD F-150 PICKUP 2WD/4WD LONG WB											
60		FORD F-150 PICKUP 2WD LIGHTING		3FMXE015.42F5							13440	13540	
61		FORD: E-150 CLUB WAGON	4.2L	3FMXT04.2JF5							13440	13540	
		FORD: E-150 ECONOLINE 2WD											
		FORD: E-250 ECONOLINE 2WD											
		FORD: E-250 CAB CHASSIS 2WD											
		FORD: E-250 STRIP CHASSIS 2WD											
62		FORD E-150 ECONOLINE 2WD		3FMXT04.2HF5							13440	13540	
63		E-350 2WD	6.8L	3FMXA0.68JFN	LEV	MDV3	D/Y	2TWC/TWC	3	3	13440	13540	N/A
64	2004	FORD F-150 PICKUP 2WD/4WD SHORT WB	4.6L	4FMXT04.6PNB	LEV	MDV 2 TO MDV4	D	2TWC(2)	4	4	13440	13540	N/A
		FORD F-150 PICKUP 2WD/4WD LONG WB											
65		F-150 PICKUP 2WD SC LIGHTING	5.4L	4FMXT05.4PP7							13440	13540	
66	2005	F350 2WD/4WD, F350 CAB CHASSIS 2WD/4WD	5.4L	5FMXK05.4TF9	LEV	MDV2	D/Y	2TWC/TWC	3	3	13440	13540	N/A
67		F350 2WD/4WD CAB CHASSIS 2WD/4WD		5FMXK05.4WFD		TO	D/Y	2TWC/TWC	3	3	13440	13540	
68		E-350 CAB CHASSIS 2WD		5FMXK05.4TF5		MDV4	D	2TWC(2)	4	4	13450	13550	