

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-562-33

Relating to Exemptions under Section 27156 and 38391
of the Vehicle Code

Valina, Inc. (d.b.a. CarTex)
"Series 12300 & 12100 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 12300 & 12100 three-way catalytic converters (TWC) on selected 1997 through 2004 Ford medium-duty vehicles (MDV) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-33 and incorporated herein. Series 12300 & 12100 TWCs will be used for dual exhaust systems with multiple catalytic converters for the selected Ford trucks as shown in Appendix D-562-33. The catalytic converters are to be sold for universal application only. The catalytic converters were previously exempted for this application as Series 12301 & 12311.

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 2000 4.6L Ford F-150 equipped with dual exhaust system, and certified to Low Emission Vehicle (LEV) standards and medium-duty vehicle 2 (MDV2) weight classification showed that the vehicle met applicable emission standards for LEV/MDV2 with Series 12300 & 12100 (2 units) installed. OBD II compatibility tests performed on the same test vehicle showed that Series 12300 & 12100 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>
120K Standards	0.230	6.4	0.6
Series 12300 & 12100 Test 1	0.220	1.5	0.4
Series 12300 & 12100 Test 2	0.219	1.6	0.4

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s 12300 & 12100 TWC are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-33 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 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 converters 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, its associates, vendors, other businesses, and individuals associated with Valina, 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, starting with periods covering January 1 through March 31, 2009 and January 1 through June 30, 2009, respectively.
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.

Executive Order D-562-15 dated December 31, 2008, 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 23 day of April 2009.



Annette Hebert, Chief
Mobile Source Operations Division

APPENDIX D-562-33

SERIES 12300/12100

FOR FORD MDV OBD II CONVERTER APPLICATION

NO	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal		Direct Fit
											FRONT	REAR	
1	1997	E150 ECONOLINE 2WD	4.2L	VFM4.2H8G1EK	Tier1	MDV2 to MDV4	D	2TWC(2)	4	4	12340	12140	N/A
2		E150 ECONOLINE 2WD, E150 CLUB WAGON		VFM4.2J8G1EK							12340	12140	
		E250 ECONOLINE 2WD E250 STRIP CHASSIS 2W E250 CAB CHASSIS 2WD											
3		F150 PICKUP 2WD, F150 PICKUP 4WD		VFM4.6Z8G1EK							12340	12140	
4		F150 PICKUP 2WD		VFM4.6H8G1EK							12340	12140	
5		EXPEDITION 2WD, EXPEDITION 4WD F250 PICKUP 2WD, F250 PICKUP 4WD		VFM4.6J8G1EK							12340	12140	
6		F150 PICKUP 2WD, F150 PICKUP 4WD		VFM5.4H8G1EK							12340	12140	
7	EXPEDITION 2WD, 4WD	VFM5.4J8G1FK	12340	12140									
8	1998	F150,E150	4.6L	WFMXA04.6AAA	Tier1						12340	12140	N/A
9		F150	5.4L	WFMXA05.4HBC							12340	12140	
10		EXPEDITION, NAVIGATOR		WFMXA05.4JGC	LEV						12340	12140	
11		F150	4.2L	WFMXT04.2AAA	Tier1						12340	12140	
12		F150	4.6L	WFMXT04.6AAA							12340	12140	
13	1999	F150		XFMXA04.6HGC	LEV						12340	12140	N/A
14		E150,E250	4.6L	XFMXA04.6JBC	Tier1						12340	12140	
15		EXPEDITION		XFMXA04.6JGC	LEV						12340	12140	
16		F150	5.4L	XFMXA05.4HGC							12340	12140	
17	EXPEDITION, F150		XFMXA05.4JGC							12340	12140		
18	2000	EXPEDITION,F150	4.6L	YFMXA04.6HGC							12340	12143	N/A
19		F150	5.4L	YFMXA05.4HGC							12340	12140	
20		EXPEDITION	4.6L	YFMXT04.66FF	LEV						12340	12140	
21	2001	F150	4.2L	IFMXT04.22FS	LEV						12340	12140	N/A
22		EXPEDITION	4.6L	IFMXT04.66F5							12340	12140	
23		EXPEDITION		IFMXT04.66F7							12340	12140	
24		EXPEDITION, F150		IFMXT04.6PF6							12340	12140	
25		F150	5.4L	IFMXT05.4PF4	LEV	MDV2 TO MDV4	D	2TWC(2)	4	4	12340	12140	
26	F150		IFMXT05.4PF5										
27	E150		IFMXT05.4RF8										
Additional Vehicles # 1													
28	2002	F150	5.4L	2FMXT05.4RF6	LEV	MDV2 TO MDV4	D	2TWC(2)	4	4	12340	12140	N/A
29		F150		2FMXT05.4PF6							12340	12140	
30		F150		2FMXT05.4ZF5							12340	12140	
31		F150		2FMXT05.4PF5							12340	12140	
32		E150		2FMXT04.2HF5							12340	12140	
33		E150		2FMXT04.2JF5							12340	12140	
		E250	4.2L										

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NO	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal		Direct Fit		
											FRONT	REAR			
34	2002	LINCOLN BLACKWOOD		2FMXT05.4RF8							12340	12140			
		EXPEDITION													
35		F150													
		LINCOLN NAVIGATOR		2FMXT05.4RF8							12340	12140			
		LINCOLN BLACKWOOD 2WD	5.4L	3FMXT05.4RF8											
36		FORD F-150 SUPERSCREW P-U 2WD													
		FORD F-150 P-U 2WD/4WD SHORT/LONG WB													
		FORD F-150 P-U 2WD/4WD SHORT WB	5.4L	3FMXT05.4PFB											
37		FORD F-150 SUPERSCREW P-U 2WD													
		FORD F-150 PICKUP 2WD/4WD LONG WB													
38	2003	FORD F-150 PICKUP 2WD LIGHTING	5.4L	3FMXE015.42F5	LEV										
		FORD: E-150 CLUB WAGON													
		FORD: E-150 ECONOLINE 2WD													
		FORD: E-250 ECONOLINE 2WD	4.2L	3FMXT04.2JF5											
39		FORD: E-250 CAB CHASSIS 2WD													
		FORD: E-250 STRIP CHASSIS 2WD													
40		FORD E-150 ECONOLINE 2WD	4.6L	4FMXT04.6PNB											
		FORD F-150 PICKUP 2WD/4WD SHORT WB													
41	2004	FORD F-150 PICKUP 2WD/4WD LONG WB													
42		F-150 PICKUP 2WD SC LIGHTING	5.4L	4FMXT05.4PP7							12340	12140			
Additional Vehicles # 2															
43	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	12340	12140	N/A		
	2002	E-350 2WD													
44	2002	E-350 2WD	6.8	2FMXA06.8JFN	LEV	MDV3	D/Y	2TWC/TWC	3	3	12340	12140	N/A		
45	2003	E-350 2WD	6.8L	3FMXA0.68JFN	LEV	MDV3	D/Y	2TWC/TWC	3	3	12340	12140	N/A		