

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-562-4  
Relating to Exemptions under Section 27156  
of the Vehicle Code

Valina, Inc. (d.b.a. Car Tex)  
"Series 12301 and 12311 OBD II Compliant Three-way Catalytic Converters"

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, Valina, Inc. (Valina) of 2035 East Vernon Avenue, Vernon, California 90058, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Section 27156 to market its new aftermarket Series 12301 and 12311 three-way catalytic converters (TWC) for installation on selected 1997 through 2001 model year Ford trucks equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-4 and incorporated herein. The Series 12301 will be used as front catalytic converters (2 units) and Series 12311 will be used as rear catalytic converters (2 units) for dual exhaust system applications having a total of four catalytic converters.

The TWCs may also be installed on non-OBD II vehicles (1995 and older) similar in engine displacement, test weight, and exhaust configuration to those listed in Appendix D-562-4.

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 Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converters was based on durability bench-aging by Umicore Automotive Catalyst Corporation 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 Siemens VDO Automotive Test Center (Siemens), Auburn Hills, Michigan, using a 2000 4.6L Ford F-150 truck equipped with dual exhaust system, and certified to the Low Emission Vehicle (LEV, MDV2) emission standards showed that the vehicle met the applicable emission standards with Series 12301 (2 units in front) and Series 12311 (2 units in rear) TWCs installed.

OBD II compatibility tests performed on the same test vehicle showed that Series 12301 and 12311 TWC did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below.

Siemens, Auburn Hills, Michigan				
4.6L Ford F-150 Test				
	NMOG	CO	NOx	Remarks
120K Standard	0.230	6.4	0.6	
Test 1	0.220	1.5	0.4	Pass
Test 2	0.219	1.6	0.4	Pass

IT IS HEREBY RESOLVED that the above catalytic converters are exempt from the prohibitions in Vehicle Code Section 27156 for installation on the approved vehicle applications specified in Appendix D-562-4 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 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 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 Section 27156.
4. Valina, Inc.'s installation instructions for the new catalytic converters 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 converters 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. Valina, Inc. and its vendors may not advertise the new aftermarket catalytic converters as a "high or easy flow" catalytic converters or use any phrase that could make it appear to perform better than an OEM catalytic converters.

7. Valina, Inc., its associates, vendors, other businesses, and individuals may not sell or supply the substrates of the new aftermarket catalytic converters to a third party to be assembled in a different facility and marketed under this Executive Order.
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.

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 23 day of August 2006.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-562-4

SERIES 12301/12311 FOR FORD (MDV2 MDV4) 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	TWC	4	4	12301	12311	N/A
2		E150 ECONOLINE 2WD, E150 CLUB WAGON E250 ECONOLINE 2WD E250 STRIP CHASSIS 2W E250 CAB CHASSIS 2WD		VFM4.2J8G1EK									
3	1998	F150 PICKUP 2WD, F150 PICKUP 4WD	4.6L	VFM4.628G1EK	T1								
4		F150 PICKUP 2WD		VFM4.6H8G1EK									
5		EXPEDITION 2WD, EXPEDITION 4WD		VFM4.6J8G1EK									
6		F250 PICKUP 2WD, F250 PICKUP 4WD F150 PICKUP 2WD, F150 PICKUP 4WD		VFM5.4H8G1EK									
7	EXPEDITION 2WD, 4WD	VFM5.4J8G1FK											
8	1998	F150, E150	4.6L	WFMXA04.6AAA	T1								
9		F150	5.4L	WFMXA05.4HBC	LEV								
10		EXPEDITION, NAVIGATOR		WFMXA05.4JGC	LEV								
11		F150	4.2L	WFMXT04.2AAA	T1								
12		F150	4.6L	WFMXT04.6AAA									
13	1999	F150		XFMXA04.6HGC	LEV								
14		E150, E250	4.6L	XFMXA04.6JBC	T1								
15		EXPEDITION		XFMXA04.6JCC	LEV								
16		F150	5.4L	XFMXA05.4HGC									
17		EXPEDITION, F150		XFMXA05.4JCC									
18	2000	EXPEDITION, F150	4.6L	YFMXA04.6HGC									
19		F150	5.4L	YFMXA05.4HGC									
20		EXPEDITION	4.6L	YFMXT04.66FF	LEV								
21	2001	F150	4.2L	IFMXT04.22FS	LEV1								
22		EXPEDITION		IFMXT04.66FS									
23		EXPEDITION	4.6L	IFMXT04.66F7									
24		EXPEDITION, F150		IFMXT04.6PF6									
25		F150	5.4L	IFMXT05.4PF4									
26		F150		IFMXT05.4PF5									
27		E150		IFMXT05.4RF8									