

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-562-17

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

Valina, Inc. (d.b.a. CarTex)
"Series 12700 & 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 12700 & 12100 three-way catalytic converters (TWC) on selected 1997 through 2003 Ford light-duty trucks 2 (LDT2) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-17 and incorporated herein. Series 12700 & 12100 TWCs will be used for dual exhaust systems with multiple catalytic converters for the selected Ford trucks. Series 12700 is used as the front TWC and Series 12100 is used as the rear TWC. The catalytic converters may be sold as universal or direct-fit systems. The catalytic converters were previously exempted for this application as Series 12302 & 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 2001 5.0L Ford Explorer equipped with dual exhaust system, and certified to Low Emission Vehicle (LEV) standards and light-duty truck 2 (LDT2) weight classification showed that the vehicle met applicable emission standards for LEV/LDT2 with Series 12700 & 12100 (2 units of each) installed. OBD II compatibility tests performed on the same test vehicle showed that Series 12700 & 12100 TWCs 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>NO_x</u>
100K Standards	0.130	5.5	0.5
Series 12700 & 12100 Test 1	0.110	3.1	0.1
Series 12700 & 12100 Test 2	0.120	3.9	0.1

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s 12700 & 12100 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-17 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

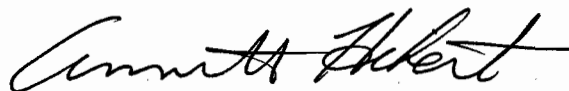
third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.

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-562-9 dated September 20, 2007, 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 15 day of January 2009.



Annette Hebert, Chief
Mobile Source Operations Division

VALINA INC. SERIES 12700/12100 FOR FORD (LDT2) OBDII CONVERTER APPLICATION

No	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	REAR	Direct Fit
1	1997	Ford	F150	4.2L	VFM4.228G1EK	TIER1	LDT2	D	4	2TWC(2)	4	FRONT	12130	N/A
2	1998	Ford	Explorer.Mountaineer	5.0L	VVFMXT05.02DC	TLEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
3	1999	Ford	Explorer.Mountaineer	5.0L	XFMXT05.02GF	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
4	2000	Ford	F150	4.2L	XEMXT04.22GC	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
5	2000	Ford	Explorer.Mountaineer	4.0L	YFMXT04.02F4	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
6	2001	Ford	Explorer.Mountaineer Explorer Sport Trac. Explorer Sport. Ranger Maxda B4000	4.0L	IFMXT04.02F5	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
7	2001	Ford	Explorer. Explorer Sport Explorer US Postal Service Vehicle	4.0L	IFMXT04.02F6	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
8		Ford	Explorer.Mountaineer	5.0L	IFMXT05.02F5	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
9		Ford	F-150 PU 2WD Lighting	5.4L	IFMXT05.42F5	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
Additional Vehicles # 1														
10	1996	Ford	Windstar	3.0L	TFM3.028G1EK	Tier 1	LDT2	D	2	2TWC	2	12720	12120	
11	1996	Ford	Ranger Pickup 4WD B3000 4X4	3.0L	TFM3.028G1FK	Tier 1	LDT2	D	2	2TWC	2	12730	12130	
12	1996	Ford	Aerostar	3.0L	TFM3.028G1GK	Tier 1	LDT2	D	2	2TWC	2	12720	12120	
13	1996	Ford	Windstar	3.8L	TFM3.828G1EK	Tier 1	LDT2	D	2	2TWC	2	12720	12120	
14	1996	Ford	Ranger Pickup 4WD B4000 4X4	4.0L	TFM4.028G1EK	Tier 1	LDT2	D	2	2TWC	2	12730	12130	
15	1996	Ford	Explorer 2WD Explorer 4WD	4.0L	TFM4.028G1FK	Tier 1	LDT2	D	2	2TWC	2	12730	12130	
16	1996	Ford	Aerostar	4.0L	TFM4.028G1GK	Tier 1	LDT2	D	2	2TWC	2	12720	12120	
17	1996	Ford	Ranger Pickup 4WD B2300 4X4 B3000 4X4 B4000 4X4	4.0L	TFM4.028G2EK	TLEV	LDT2	D	2	2TWC	2	12730	12130	N/A
18	1996	Ford	Explorer 4x4, 4x2	4.0L	TFM4.028G2FK	TLEV	LDT2	D	2	2TWC	2	12730	12130	
19	1997	Ford	AEROSTAR 3.0L MFI	3.0L	VFM3.028G1GK	Tier 1	LDT2	S	2	2TWC	2	12720	12120	
20	1997	Ford	EXPLORER 4 DL OHV	4.0L	VFM4.028G1FK	Tier 1	LDT2	S	2	2TWC	2	12730	12130	
21	1997	Ford	AEROSTAR 4.0L MEI	4.0L	VFM4.028G1GK	Tier 1	LDT2	S	2	2TWC	2	12720	12120	
22	1997	Ford	EXPLORER 4 OL MFI MOUNTAINEER 4.0L MFI	4.0L	VFM4.028G2FK	TLEV	LDT2	S	2	2TWC	2	12730	12130	
23	1997	Ford	EXPLORER 5.0L MEI MOUNTAINEER 5 OL MEI	5.0L	VFM5.028GFEK	Tier 1	LDT2	D	4	2TWC(2)	2	12730	12130	
24	1997	Ford	Ford Windstar	3.0L	VFM3.028G1FK	Tier 1	LDT2	D	2	2TWC	2	12720	12120	
25	1997	Ford	Ranger Pickup 2VVD. Mazda B-Series	3.0L	VFM3.028G1FK	Tier 1	LDT2	D	2	2TWC	2	12730	12130	

VALINA INC. SERIES 12700/12100 FOR FORD (LDT2) OBDII CONVERTER APPLICATION

No	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal FRONT	REAR	Direct Fit
26	1997	Ford	Ford Windstar	3.8L	VFM3.828G1EK	Tier 1	LDT2	D	2	2TWC	2	12720	12120	
27	1997	Ford	Ranger Pickup 4WD, Mazda 4x2	4.0L	VFM4.028G1EK	Tier 1	LDT2	D	2	2TWC	2	12730	12130	
28	1997	Ford	Ranger Pickup 4WD, Mazda B-Series	4.0L	VFM4.028G2EK	TLEV	LDT2	D	2	2TWC	2	12730	12130	
29	1997	Ford	Explorer 2WD	4.0L	VFM4.028G2HK	TLEV	LDT2	D	2	2TWC	2	12730	12130	
		Ford	Explorer 4WD									12730	12130	
30	1998	Ford	Ranger Pickup 4WD, Mazda B-Series	3.0L	VVFMXT03.0HAA	TLEV	LDT2	D/Y	3	2TWC/TWC	2	12730	12130	
31	1998	Ford	Explorer 2WD, 4WD	4.0L	WEMXT04.02DC	TLEV	LDT2	D	2	2TWC	2	12730	12130	
32	1998	Ford	Ranger Pickup 4WD	4.0L	VVFMXT04.0DAA	TLEV	LDT2	D	4	2TWC(2)	2	12730	12130	
		Ford	Mazda 84000 4WD									12730	12130	
33	1998	Ford	Ranger Pickup 4WD, Mazda B-Series	4.0L	VVEMXT04.0EAA	LEV	LDT2	D	4	2TWC(2)	2	12730	12130	
34	1998	Ford	RANGER 3.0L MFI	3.0L	WFMXE03.0HAA	TLEV	LDT2	DIY	3	2TWC/TWC	2	12730	12130	
35	1998	Ford	WINDSTAR 3.0L MFI	3.0L	WFMXT03.0AAA	LEV	LDT2	D	2	2TWC	2	12720	12120	
36	1998	Ford	WINDSTAR 3.0L MFI	3.0L	WFMXT03.0CAA	LEV	LDT2	D	2	2TWC	2	12720	12120	
37	1998	Ford	WINDSTAR 3.8L MFI	3.8L	WFMXT03.8AAA	LEV	LDT2	D	2	2TWC	2	12720	12120	
38	1998	Ford	WINDSTAR 3.8L MFI	3.8L	WFMXT03.8AAB	LEV	LDT2	D	2	2TWC	2	12720	12120	
39	1998	Ford	EXPLORER 4.0L MFI	4.0L	VVFMXT04.0CAA	Tier 1	LDT2	S	2	TWC(2)	2	12730	12130	
40	1998	Ford	EXPLORER 4.0L SOHC, MOUNTAINEER	4.0L	WFMXT04.0FAA	TLEV	LDT2	D	2	2TWC	2	12730	12130	
41	1998	Ford	F-150	4.2L	WFMXT04.2AAA	Tier 1	LDT2	D	4	2TWC(2)	4	12730	12130	
42	1998	Ford	F150 Pickup 2WD, 4WD	4.6L	WFMXT04.6AAA	Tier 1	LDT2	D	4	2TWC(2)	4	12730	12130	
43	1999	Ford	Windstar FWD VAN	3.0L	XEMXT03.02GC	LEV	LDT2	D	2	2TWC	2	12720	12120	
		Ford	Mazda B2000 2WD									12730	12130	
44	1999	Ford	Mazda 63000 4WD	4.0L	XEMXT04.02DN	TLEV	LDT2	D	4	2TWC(2)	2	12730	12130	
		Ford	Ford Ranger Pickup 2WD									12730	12130	
		Ford	Ford Ranger Pickup 4WD									12730	12130	
45	1999	Ford	Mazda B2000 2WD	4.0L	XFMX104.02GC	LEV	LDT2	D	4	2TWC(2)	2	12730	12130	
		Ford	Mazda B3000 4WD									12730	12130	
		Ford	Ford Ranger Pickup 2WD									12730	12130	
		Ford	Ford Explorer 2WD									12730	12130	
		Ford	Ford Explorer 4WD									12730	12130	
46	1999	Ford	Mercury Mountaineer 2WD	4.0L	XFMXT04.02GF	LEV	LDT2	D	2	2TWC	2	12730	12130	
		Ford	Mercury Mountaineer 4WD									12730	12130	
47	1999	Ford	F-150 Pickup 2WD	4.2L	XEMXT04.22GC	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	
		Ford	F-150 Pickup 4WD									12730	12130	

N/A

VALINA INC. SERIES 12700/12100 FOR FORD (LDT2) OBDII CONVERTER APPLICATION

No	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal FRONT	REAR	Direct Fit
48	1999	Ford	RANGER 3.0L FFV, MAZDA	3.0L	XFMXT03.02DC	TLEV	LDT2	D/Y	3	2TWC/TWC	2	12730	12130	
49	2000	Ford	RANGER 3.0L FFV	3.0L	YFMXT03.02D5	TLEV	LDT2	D/Y	3	2TWC/TWC	2	12730	12130	
50	2000	Ford	WINDSTAR 3.0L MFI	3.0L	YFMXT03.02F5	LEV	LDT2	D	2	2TWC	2	12720	12120	
51	2000	Ford	VILLAGER 3.3L MFI	3.3L	YFMXT03.3358	LEV	LDT2	S	2	2TWC	2	12730	12130	
52	2000	Ford	FORD POSTAL VEHICLE	4.0L	YFMXT04.02D5	TLEV	LDT2	D	2	2TWC	2	12730	12130	
53	2000	Ford	FORD POSTAL VEHICLE	4.0L	YFMXT04.02D6	TLEV	LDT2	D	2	2TWC	2	12730	12130	
54	2000	Ford	UPI ORM. . 401 OHV RANGER, MAZDA	4.0L	YFMXT04.02F2	LEV	LDT2	D	4	2TWC(2)	2	12730	12130	
55	2000	Ford	EXPLORER 4.0L SOHC	4.0L	YFMXT04.02F3	LEV	LDT2	D	2	2TWC	2	12730	12130	
		Ford	MOUNTAINEER 4.0L SOHO									12730	12130	
56	2000	Ford	EXPLORER 4.0L SOHC	4.0L	YFMXT04.02F4	LEV	LDT2	D	4	2TWC(2)	2	12730	12130	
		Ford	MOUNTAINEER 4.01, SOHC									12730	12130	
57	2000	Ford	F-150 4.2L MFI	4.2L	YFMXT04.22FC	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	
58	2000	Ford	E-150 4.2L MFI	4.2L	YFMXT04.2HGC	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	
59	2000	Ford	MOUNTAINEER 5.0L MFI	5.0L	YFMXT05.02F5	LEV	LDT2	D	4	2TWC(2)	2	12730	12130	
		Ford	EXPLORER 5.0L MFI									12730	12130	
60	2001	Ford	RANGER 3.0L MFI, MAZDA B3000 2WD AUTO	3.0L	1FMXT03.02F4	LEV	LDT2	D/Y	5	2TWC(2),TWC	4	12730	12130	
61	2001	Ford	RANGER 3.0L MFI, MAZDA B3000 4WD	3.0L	1FMXT03.02F5	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
62	2001	Ford	RANGER 3.0L FFV, MAZDA B3000 2WD	3.0L	1FMXT03.02F6	LEV	LDT2	D/Y	5	2TWC(2),TWC	4	12730	12130	
		Ford	EXPLORER SPORT 4.0L SOHC									12730	12130	
63	2001	Ford	EXPLORER SPORT TRAC 4.0L SOHO	4.0L	1FMXT04.02F4	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
		Ford	US POSTAL VEHICLE									12730	12130	
64	2001	Ford	RANGER 4.0L OHV, MAZDA 84000 PLI 2WD	4.0L	1FMXT04.02F7	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
65	2001	Ford	F-150 4.2L MFI 2VV0(4VVL)	4.2L	1FMXT04.22F5	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	
66	2002	Ford	Ranger	3.0L	2FMXT03.02F5	LEV	LDT2	D/Y	5	2TWC(2),TWC 2TWC	4	12730	12130	
		Ford	Ranger	3.0L					4		4	12730	12130	
67	2002	Ford	Ranger	3.0L	2FMXT03.02F6	LEV	LDT2	D/Y	5	TWC	4	12730	12130	
		Ford	Mercury Villager	3.3L	2FMXT03.3C5C	LEV	LDT2	S	2	2TWC	2	12730	12130	
68	2002	Ford	Explorer Sport, Sport Trac	4.0L					4		4	12730	12130	
69	2002	Ford	RANGER	4.0L	2FMXT04.02F3	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
70	2002	Ford	Explorer Sport, Sport Trac	4.0L	2FMXT04.02F5	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
71	2002	Ford	Explorer	4.0L	2FMXT04.02F7	LEV	LDT2	D/Y	3	2TWC(2)	2	12730	12130	
		Ford	Mountaineer	4.0L					3	2TWC/TWC	2	12730	12130	

N/A

VALINA INC. SERIES 12700/12100 FOR FORD (LDT2) OBDII CONVERTER APPLICATION

No	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal FRONT	REAR	Direct Fit
72	2002	Ford	Explorer	4.0L	2FMXT04.02F8	LEV	LDT2	D/Y	3	2TWC/TWC	2	12730	12130	
		Ford	Mountaineer	4.0L								12730	12130	
73	2002	Ford	Explorer	4.6L	2FMXT04.62F5	LEV	LDT2	D/Y	3	2TWC/TWC	2	12730	12130	
		Ford	Mountaineer	4.6L								12730	12130	
74	2002	Ford	Explorer	4.6L	2FMXT04.62F6	LEV	LDT2	D/Y	3	2TWC/TWC	2	12730	12130	
		Ford	Mountaineer	4.6L								12730	12130	
75	2002	Ford	F-150 Lightning	5.4L	2FMXT05.42F5	LEV	LDT2	D	4	2TWC(2)	4	12730	12130	N/A
		Ford	Lincoln Blackwood	LDT2			12730					12130		
76	2003	Ford	Ranger. Mazda B3000	3.0L	3FMXT03.02F5	LEV	LDT2	D/Y	5	2TWC(2),TWC	4	12730	12130	
77	2003	Ford	Ranger		3FMXT03.02F6	LEV	LDT2	D/Y	5	2TWC(2),TWC	4	12730	12130	
78	2003	Ford	Ranger	4.0L	3FMXT04.01FA	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
		Ford	Explorer Sport									LDT2	D/Y	
79	2003	Ford	Explorer Sport Trac	4.0L	3FMXT04.02F3	LEV	LDT2	D/Y	4	2TWC(2)	4	12730	12130	
		Ford	Ranger									LDT2	D/Y	