

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-562-11  
Relating to Exemptions under Section 27156  
of the Vehicle Code

Valina, Inc. (d.b.a. Car Tex)  
"Series 12500 OBD II Compliant Three-way Catalytic Converter"

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 4660 Worth Street, Los Angeles, California 90063, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Section 27156 to market its new aftermarket Series 12500 three-way catalytic converter (TWC) for installation on selected 1995 through 2003 model year Toyota passenger cars and light-duty trucks 1 equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-11 and incorporated herein. The Series 12500 TWC will be used for single (1 or 2 units) and dual (2 or 3 units) exhaust system applications.

The TWC may also be installed on non-OBD II vehicles (1995 and older) similar in engine and exhaust configuration to those listed in Appendix D-562-11.

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 Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converter was based on durability bench-aging by Umicore Automotive Catalyst Corporation using Air Resources Board-modified RAT-A bench-aging cycle for 75 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 ADO Automotive Test Center (Siemens), Auburn Hills, Michigan, using a 2001 1.8L Toyota Corolla equipped with a single exhaust system, and certified to the Low Emission Vehicle (LEV, PC) emission standards showed that the vehicle met the applicable emission standards with Series 12500 TWC (one unit) installed.

OBD II compatibility tests performed on the same test vehicle showed that Series 12500 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				
1.8L Toyota Corolla Test				
	NMOG	CO	NOx	Remarks
100K Standard	0.090	4.2	0.3	
Test 1	0.081	0.8	0.3	Pass
Test 2	0.085	0.7	0.3	Pass

IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions in Vehicle Code Section 27156 for installation on the approved vehicle applications specified in Appendix D-562-11 subject to the following conditions:

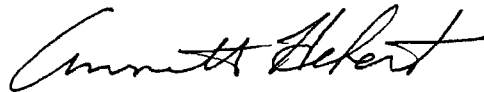
1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
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 these products 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 Section 27156.
4. Valina, Inc.'s installation instructions for the new catalytic converter 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 converter 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 converter as a "high or easy flow" catalytic converter or use any phrase that could make it appear to perform better than an OEM catalytic converter.

7. Valina, Inc., its associates, vendors, other businesses, and individuals may not sell or supply the substrates of the new aftermarket catalytic converter 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 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 ARB prior to shipment.
9. Valina, Inc. must submit the required quality audit and production quantity reports for its aftermarket catalytic converter semi-annually, covering the periods January 1 through June 30, and July 1 through December 31

Executive Order D-562-1 dated January 16, 2006, 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 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 1 day of August 2008.



Annette Hebert, Chief  
Mobile Source Operations Division

APPENDIX D-562-11

Valina, Inc. SERIES 12500 TWC FOR Toyota (PC-LDT1) CONVERTER APPLICATION													
No	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit
1	1998	Toyota	Corolla	1.8L	WTYXV01.8DXB	TLEV	PC	Single	TWC	1	1	12500	N/A
2			Tercel	1.5L	WTYXV01.5BBA	TLEV	PC	Single	TWC	1	1	12500	N/A
			Paseo Paseo Convertible										
3	1999	Toyota	Tercel	1.5L	XTYXV01.5BBA	Tier 1	PC	Single	TWC	1	1	12500	N/A
			Paseo Paseo Convertible										
4			Camry Solara	3.0L	XTYXV03.0BBA	Tier 1	PC	Single	TWC	1	1	12500	N/A
5		Corolla	1.8L	XTYXV01.8DXB	Tier 1	PC	Single	TWC	1	1	12500	N/A	
6		Tacoma 4WD, 2WD	2.7L	XTYXT02.7BBH	Tier 1	LDT1	Single	TWC (2)	2	2	12500	N/A	
7		Tacoma 2WD	3.4L	XTYXT03.4BBH	Tier 1	LDT1	Single	TWC	1	1	12500	N/A	
8		2000	Toyota	Echo	1.5L	YTXV01.5FFA	LEV	PC	Single	TWC	1	1	12500
9	Camry Solara			3.0L	YTYXV03.0BBA	Tier 1	PC	Single	TWC	1	1	12500	N/A
10	Celica			1.8L	YTYXV01.8DDB	TLEV	PC	Single	TWC	1	1	12500	N/A
11	2001	Toyota	Corolla	1.8L	YTYXV01.8FFA	LEV	PC	Single	TWC	1	1	12500	N/A
12			Echo	1.5L	1TYXV01.5FFA	LEV	PC	Single	TWC	1	1	12500	N/A
13			Corolla	1.8L	1TYXV01.8FFA	LEV	PC	Single	TWC	1	1	12500	N/A
14			Celica	1.8L	1TYXV01.8DDB	TLEV	PC	Single	TWC	1	1	12500	N/A
15			Celica	1.8L	1TYXV01.8DDC		PC	Single	TWC	1	1	12500	N/A
<b>Additional Vehicles 1</b>													
16	1995	Toyota	Paseo	1.5L	STY1.5VHG1GA	Tier 1	PC	Single	TWC	1	1	12500	N/A
17			Corolla	1.6L	STY1.6VHG1GA	Tier 1	PC	Single	TWC (2)	2	2	12500	N/A
18			Corolla, Corolla Wagon	1.8L	STY1.8VJG1GA	Tier 1	PC	Single	TWC	1	1	12500	N/A
19			Celica	1.8L	STY1.8VHGFEA	Tier 1	PC	Single	TWC (2)	2	2	12500	N/A
20			MR2	2.2L	STY2.2VJG1GA	Tier 1	PC	Single	TWC (2)	2	2	12500	N/A
21			Camry	2.2L	STY2.2VJG2GA	TLEV	PC	Single	TWC (2)	2	2	12500	N/A
22			Tacoma 2WD	2.4L	STY2.4IHG1GK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
23			Truck 2WD	2.4L	STY2.417G1GA	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
24			Truck 4WD	2.4L	STY2.417G1HA	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
25			T100 2WD	2.7L	STY2.71HGEEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
26			Tacoma 4WD	2.7L	STY2.71HG1GK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
27			Camry, ES 300, Avalon	3.0L	STY3.0VJGFEK	Tier 1	PC	Single	TWC	1	1	12500	N/A
28			T100	3.4L	STY3.41JG1GK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
29			Tacoma 4WD	3.4L	STY3.41JGFEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
30	4 runner 2WD, 4WD	3.0L	STY3.027G1GA	Tier 1	LDT1	Single	TWC	1	1	12500	N/A		
31	1996	Toyota	Tercel, Paseo	1.5L	TTY1.5VHGFEK	Tier 1	PC	Single	TWC	1	1	12500	N/A
32		Toyota	Corolla, Corolla Wagon Celica	1.6, 1.8L	TTY1.8VJG1GK	Tier 1	PC	Single	TWC	1	1	12500	N/A
33			RAV4, 4WD, 2WD	2.0L	TTY2.0JG2GK	Tier 1	LDT1	Single	TWC(2)	2	2	12500	N/A
34			Camry, Celica, Celica Convertible	2.2L	TTY2.2VJG2GK	TLEV	PC	Single	TWC(2)	2	2	12500	N/A
35			Tacoma 2WD	2.4L	TTY2.4IHGKEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A

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Valina, Inc. SERIES 12500 TWC FOR Toyota (PC-LDT1) CONVERTER APPLICATION													
36	1996		T100 2WD	2.7L	TTY2.7IHGKEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
			Tacoma 4WD, 4-Runner 2WD										
37			Camry, Camry Wagon	3.0L	TTY3.0VJG1GK	Tier 1	PC	Single	TWC	1	1	12500	N/A
			Avalon, ES300	3.0L									
38			Supra, SC300, GS300	3.0L	TTY3.0VJGKEK	Tier 1	PC	Single	TWC (2)	2	2	12500	N/A
39			T100 PU 2WD	3.4L	TTY3.41JG1GK	Tier 1	LDT1	Single	TWC (2)	2	2	12500	N/A
40			Tacoma 2WD, 4WD	3.4L	TTY3.41JGFKEK	Tier 1	LDT1	Single	TWC (2)	2	2	12500	N/A
41		Toyota	Tercel, Paseo, Paseo Convertible	1.5L	VTY1.5VJGKEK	Tier 1	PC	Single	TWC	1	1	12500	N/A
42			Celica, Corolla	1.6/1.8L	VTY1.8VJGKEK	Tier 1	PC	Single	TWC	1	1	12500	N/A
43			RAV4 2WD, 4WD	2.0L	VTY2.01JG2GK	TLEV	LDT1	Single	TWC (2)	2	2	12500	N/A
44			Camry	2.2L	VTY2.2VJG3GK	LEV	PC	Single	TWC (2)	2	2	12500	N/A
45			Celica, Celica Convertible	2.2L	VTY2.2VJG2GK	TLEV	PC	Single	TWC (2)	2	2	12500	N/A
46	1997		Tacoma 2WD	2.4L	VTY2.41HGKEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
47			T100 2WD	2.7L	VTY2.71HGKEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
48			Tacoma 4WD, 4-Runner 2WD	2.7L	VTY2.71JGKEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
49			Tacoma 4WD	2.7L	VTY2.71JGKEK	TLEV	LDT1	Single	TWC	1	1	12500	N/A
50			Camry, ES 300, Avalon	3.0L	VTY3.0VJGKFK	Tier 1	PC	Single	TWC	1	1	12500	N/A
51			SC300, GS300, Supra	3.0L	VTY3.0VJGKEK	Tier 1	PC	D	(2)TWC	2	2	12500	N/A
52			Supre Turbo	3.0l	VTY3.0VJGKHK	Tier 1	PC	Single	TWC (2)	2	2	12500	N/A
53			T100 2WD	3.4L	VTY3.41JGKEK	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
			Tacoma 2WD,4WD										
54		Toyota	Celica, Celica Convertible	2.2L	WTYXT02.2DXD	TLEV	PC	Single	TWC (2)	2	2	12500	N/A
55			Tacoma 2WD	2.4L	WTYXT02.4BBH	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
56			Tacoma 4WD	2.7L	WTYXT02.7DXH	TLEV	LDT1	Single	TWC	1	1	12500	N/A
57	1998		4 Runner, Tacoma 4WD	2.7L	WTYXT02.7BBH	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
58			Camery	3.0L	WTYXV03.0BBA	Tier 1	PC	Single	TWC	1	1	12500	N/A
59			T100 PU 2WD	3.4L	WTYXT03.4BBH	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
			Tacoma 2WD										
60			LS400, GS400	4.0L	WTYXV04.0DBB	Tier 1	PC	D	(2)TWC	2	2	12500	N/A
61		Toyota	Celica, Celica Convertible	2.2L	XTYXT02.2DXD	TLEV	PC	Single	TWC (2)	2	2	12500	N/A
62			Tacoma 2WD	2.4L	XTYXT02.4BBH	Tier 1	LDT1	Single	TWC	1	1	12500	N/A
63	1999		Tacoma 2WD, 4WD	2.7L	XTYXT02.7BBH	Tier 1	LDT1	Single	TWC (2)	1	1	12500	N/A
64			Tacoma 4WD	2.7L	XTYXT02.7DXJ	TLEV	LDT1	Single	TWC	1	1	12500	N/A
65			SC400, LS400, GS400	4.0L	XTYXV04.0DBA	TLEV	PC	D	(2)TWC	2	2	12500	N/A
66		Toyota	Celica	1.8L	YTYXV01.8DDC	TLEV	PC	Single	TWC	1	1	12500	N/A
67	2000		Tacoma 2WD	2.4L	YTYXT02.4FFJ	LEV	LDT1	Single	TWC (2)	2	2	12500	N/A
68			Tacoma 2WD,4WD	2.7L	YTYXT02.7FFJ	LEV	LDT1	Single	TWC (2)	2	2	12500	N/A
69			SC300	3.0L	YTYXV03.0DDF	TLEV	PC	Dual	(2)TWC	2	2	12500	N/A
70			GS400	4.0L	YTYXV04.0DDA	TLEV	PC	Dual	(2)TWC	2	2	12500	N/A
71	2001	Toyota	Solara	3.0L	1TYXV03.0BBA	Tier 1	PC	Single	TWC	1	1	12500	N/A
			Camry										
72			Rav 4 2WD,4WD	2.0L	1TYXT02.0FFH	LEV	LDT1	Dual	(2)TWC	2	2	12500	N/A
73			Tacoma 2WD	2.4L	1TYXT02.4FFH	LEV	LDT1	Single	TWC (2)	2	2	12500	N/A
74			Tacoma 4WD, 2WD	2.7L	1TYXT02.7FFH	LEV	LDT1	Single	TWC (2)	2	2	12500	N/A
75			Tacoma 2WD	3.4L	1TYXT03.4FFH	LEV	LDT1	Single	TWC (2)	2	2	12500	N/A
76	2002	Toyota	Echo	1.5L	2TYXV01.8FFA	LEV	PC	Single	TWC	1	1	12500	N/A

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Valina, Inc. SERIES 12500 TWC FOR Toyota (PC-LDT1) CONVERTER APPLICATION														
76	2002	Toyota	Echo	1.5L	2TYXV01.8FFA	LEV	PC	Single	TWC	1	1	12500	N/A	
			Corolla											
77			Celica	1.8L	2TYXV01.8DDB	TLEV	PC	Single	TWC	1	1	12500	N/A	
78			Celica	1.8L	2TYXV01.8DDC	TLEV	PC	Single	TWC	1	1	12500	N/A	
79			MR2	1.8L	2TYXV01.8FFC	LEV	PC	D/Y	(2)TWC/TWC	2	2	12500	N/A	
80			Solara	3.0L	2TYXV03.0BBC	T1	PC	Single	TWC	1	1	12500	N/A	
81	2003	Toyota	Echo	1.5L	3TYXV01.5FFA	LEV	PC	Single	TWC	1	1	12500	N/A	
82			Celica	1.8L	3TYXV01.8FFB	LEV	PC	Single	TWC (2)	2	2	12500	N/A	
83			Corola Matrix, Celica	1.8L	3TYXV01.8DDC	TLEV	PC	Single	TWC	1	1	12500	N/A	
			Pontiac Vibe											
84			MR2	1.8L	3TYXV01.8FFc	LEV	PC	Single	TWC (2)	2	2	12500	N/A	
85			Lexus GS 300/ IS300	3.0L	3TYXT03.0FFF	LEV	PC	D/Y	2TWC /TWC	3	3	12500	N/A	