

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-562-32

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

Valina, Inc. (d.b.a. CarTex)
"Series 12500 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. (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 12500 three-way catalytic converter (TWC) on selected 1995 through 2004 passenger cars (PC) and light-duty trucks 1 (LDT1) equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-32 and incorporated herein. Series 12500 TWC will be used for a single or multiple catalytic converter system applications for the selected vehicles listed in Appendix D-562-32. The catalytic converter is to be sold as a universal 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 Automotive Catalysts USA using the Air Resources Board-modified RAT-A bench-aging cycle for 75 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 1.8L Toyota Corolla equipped with single exhaust system, and certified to Low Emission Vehicle (LEV) and passenger car weight classification showed that the vehicle met applicable emission standards for LEV/PC with Series 12500 (1 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:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
100K Standards	0.090	4.2	0.3
Series 12500 Test 1	0.081	0.8	0.3
Series 12500 Test 2	0.085	0.7	0.3

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s 12500 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-32 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 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 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 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 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 "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, its associates, vendors, other businesses, and individuals associated with Valina, may not sell or supply new aftermarket catalytic converter substrates to a

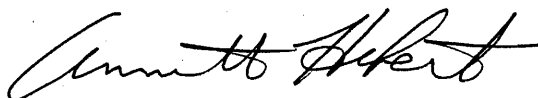
third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.

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-562-19 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 27 day of April 2009.



Annette Hebert, Chief
Mobile Source Operations Division

APPENDIX D-562-32

Valina, Inc's Series 12500 for Chrysler PC/LDT1 Application													
No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit
1	1995	Chrysler	Neon	2.0 L	SCR122VJG2EK	TLEV	PC	S	TWC	1	1	12540	N/A
2					SCR2.0VJGFEL	TIER1							
3					SCR2.0VJGFEL								
4	1996		Cirrus, Stratus, Breeze	2.4 L	TCR122VJG1EK	TIER1	LDT1					12530	N/A
5			Neon		TCR122VJG2EK								
6			Cirrus, Stratus, Breeze, Sebring	2.4 L	TCR148VJG1EK	TIER1	PC					12530	N/A
7			Cherokee	2.5 L	TCR15018G1EK								
8			Dakota				2.5 L					TCR152VJG1EK	PC
9			Sebring, Cirrus, Stratus	2.0 L	TCR2.0VJGFEL								
10	Neon		2.0 L	TCR2.0VJGFEL	PC		12540					N/A	
11	Cherokee		4.0 L	TCR24218G1EK									LDT1
12	Neon		2.0 L	VCR122VJG1EK	PC	12530	N/A						
13	Stratus, Breeze			VCR122VJG1EL								TLEV	12540
14	Neon		2.4 L	VCR122VJG2EK	LDT1	12530	N/A						
15	1997		Sebring, Cirrus, Stratus, Breeze	2.4 L								VCR148VJG1EK	TIER1
16	Cherokee		2.5 L	VCR15018G1EK	LDT1	12540	N/A						
17	Dakota											2.5 L	VCR15018G1EL
18	Wrangler		2.5 L	VCR152VJG1EK	LDT1	12540	N/A						
19	Cirrus, Sebring, Stratus		4.0 L	VCR24218G1EK								TIER1	12540
20	Cherokee		2.5 L	WCRXT0150110	LDT1	12530	N/A						
21	Dakota											2.0 L	WCRXV0122V30
22	Wrangler		2.4 L	WCRXV0148V20	TLEV	12531	N/A						
23	Breeze, Stratus											2.5 L	WCRXV0152V20
24	Neon		2.0 L	WCRXV02.0VB0	PC	12540	N/A						
25	Sebring, Breeze, Cirrus, Stratus											2.0 L	WCRXV02.0VB1
26	Sebring, Cirrus, Stratus		2.0 L	WCRXV02.0VB2	TIER1	12540	N/A						
27	Neon											2.4 L	XCRXV0122V30
28	Breeze, Stratus		2.4 L	XCRXV0148V30	TLEV	12531	N/A						
29	Neon											2.5 L	XCRXV0152V20
30	Stratus, Breeze		2.0 L	XCRXV02.0VB0	TIER1	12540	N/A						
			XCRXV02.0VB1										

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Valina, Inc's Series 12500 for Chrysler PC/LDT1 Application																				
No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit							
31	1999	Chrysler	Neon	2.0 L	XCRXV02.0VB2	TIER1	PC	S	TWC	1	1	12540	N/A							
32					YCRXV0122V30										N/A					
33			Breeze, Stratus		YCRXV0122V31	LEV												12530	N/A	
34	2000		Breeze, Cirrus, Stratus	2.4 L	YCRXV0148V30													12531	N/A	
35			Stratus, Cirrus, Sebring Conv	2.5 L	YCRXV0152V20	TLEV												12530	N/A	
36			Breeze, Stratus	2.0 L	YCRXV02.0VB1	TIER1														
37			Neon		1CRXV02.0VD0													12540	N/A	
38	2001		Pt Cruiser	2.4 L	1CRXV02.4VDO	LEV												12543	N/A	
			Sebring; Stratus																	
39			Neon	2.0 L	2CRXV02.0VDO														12540	N/A
40					2CRXV02.0VD1															
41	2002		Pt Cruiser	2.4 L	2CRXV02.4VDO														12543	N/A
			Sebring; Stratus																	
42			Neon	2.0 L	3CRXV02.0VDO															
43	2003		Pt Cruiser	2.4 L	3CRXV02.4VDO														12543	N/A
			Sebring, Stratus																	12530
		Neon																		
44		Pt Cruiser		3CRXV02.4VD1									12543	N/A						

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Valina, Inc.'s Series 12500 for Ford PC/LDT1 Application															
No.	Model	Make	Vehicle Model	Engine	Engine	Weight	Cert.	Exhaust	Total	Conv.	Monitord	Universal	Universal	Direct	
	year			Size	Family	Class	Lev.	Type	Conv.	type		F	R	Fit	
1	1994	Ford	Mustang	3.8L	RFM3.8V8G1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12520	12520	N/A	
2			Thunderbird	4.6L	RFM4.6V8G1EK	PC	Tier1	D/Y	3	2WUTWC,TWC	2	12530	12530		
		Mercury	Cougar									12530	12530		
3	1995	Ford	Mustang	3.8L	SFM3.8V8G1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12520	12520		
4			Thunderbird	4.6L	SFM4.6V8G1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12530	12530		
		Mercury	Cougar										12530		12530
5		Ford	Crown Victoria	4.6L	SFM4.6V8G1GK	PC	Tier1	D	4	2WUTWC,2TWC	4	12530	12530		
		Lincoln	Town Car									12530	12530		
		Mercury	Grand Marquis									12530	12530		
6		Lincoln	Continental	4.6L	SFM4.6VJG1EK	PC	Tier1	D/Y	3	2WUTWC,TWC	2	12530	12530		
7	1996	Ford	Ranger/ Mazda P/UP	2.3L	TFM2.3I8G1EK	LDT1	Tier1	S	1	TWC	1	12530	N/A		
8			Ranger/ Mazda P/UP	3.0L	TFM3.0I8G1EK	LDT1	Tier1	S	1	TWC	1	12530	N/A		
9			Taurus, Taurus Wag.	3.0L	TFM3.0VJG1EK	PC	Tier1	D	2	2TWC	2	12530	N/A		
		Mercury	Sable, Sable Wag.												
			Engine code "s"												
10			Ford	Taurus, Taurus Wag.	3.0L	TFM3.0VJGKEK	PC	Tier1	D	2	2TWC	2	12530		N/A
			Mercury	Sable, Sable Wag.											
11			Ford	Taurus	3.0L	TFM3.0VJG1EK	PC	Tier1	D	2	2TWC	2	12530		N/A
12				Mustang	3.8L	TFM3.8V8G1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12520		12520
13				Thunderbird	4.6L	TFM4.6V8G1EK	PC	Tier1	D/Y	3	2WUTWC,TWC	2	12530		12530
		Mercury	Cougar												
14		Ford	Mustang Cobra	4.6L	TFM4.6V8G1FK	PC	Tier1	D	6	2TWC(3)	6	12530	12530		
15			Mustang Coupe/Conv.	4.6L	TFM4.6VJGFEK	PC	Tier1	D	6	2TWC(3)	6	12530	12530		
16		Lincoln	Continental	4.6L	TFM4.6VJG1FK	PC	Tier1	D/Y	3	2WUTWC,TWC	3	12520	12530		
17				4.6L	TFM4.6VJGFFK	PC	Tier1	D/Y	3	2WUTWC,TWC	3	12520	12530		
18		Ford	Crown Victoria	4.6L	TFM4.6V8G2EL	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530		
		Lincoln	Town Car												
		Mercury	Grand Marquis												
19	1997	Ford	Taurus, Taurus Wag.	3.0L	VFM3.0VJG1EK	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530		
		Mercury	Sable,Sable Wag.	3.0L	VFM3.0VJG1EK	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530		
20		Ford	Taurus, Taurus Wag.	3.0L	VFM3.0V8G2EK	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530		
			Engine code "s"												
21			Mercury	Sable,Sable Wag.	3.0L	VFM3.0V8G2EK	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530	
			Ford	Taurus, Taurus Wag.											
22			Mercury	Sable,Sable Wag.	3.0L	VFM3.0VJG3EK	PC	LEV	D	4	2WUTWC,2TWC	4	12520	12520	
			Ford	Taurus											
23		Mercury	Sable	3.4L	VFM3.4VJG1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12530	12530		

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Valina, Inc.'s Series 12500 for Ford PC/LD/T1 Application

No.	Model	Make	Vehicle Model	Engine	Engine Family	Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitor	Universal F	Universal R	Direct Fit
24	1997	Ford	Mustang	3.8L	VFMM3.8V8G1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12520	12520	
25			Mustang Coupe/Conv.	4.6L	VFMM4.6V8G1FK	PC	Tier1	D	6	2TWC(3)	6	12530	12530	
26			Mustang GT	4.6L	VFMM4.6VJGKEK	PC	Tier1	D	6	2TWC(3)	6	12530	12530	
27			Thunderbird	4.6L	VFMM4.6V8G1FK	PC	Tier1	D	6	2TWC(3)	6	12530	12530	
28			Cougar											
			Crown Victoria	4.6L	VFMM4.6V8G2EL	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530	
			Town Car											
			Grand Marquis											
29	1998	Ford	Taurus, Taurus Wag.	3.0L	WFMXXV03.0PAA	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530	
			Sable,Sable Wag.											
			Engine code "S"											
30		Ford	Mustang	3.8L	WFMXXV03.8ABA	PC	TLEV	D	4	2WUTWC,2TWC	4	12520	12520	
31			Taurus	3.4L	WFMXXV03.4BAA	PC	Tier1	D/Y	3	2TWC,TWC	2	12530	12530	
32			Mustang	4.6L	WFMXXV04.6DAA	PC	Tier1	D	6	2TWC(3)	6	12530	12530	
33			Mustang GT	4.6L	WFMXXV04.6DAB	PC	TLEV	D	6	2TWC(3)	6	12530	12530	
34			Crown Victoria	4.6L	WFMXXV04.6AAA	PC	LEV	D	4	2WUTWC,2TWC	2	12530	12530	
			Town Car											
			Grand Marquis											
35	1999	Mercury	Sable Sedan	3.0L	XFMXXV03.0VBZ	PC	Tier1	D	2	2TWC	2	12530	N/A	N/A
			Sable Station Wag.											
			Taurus											
36		Mercury	Sable Sedan	3.0L	XFMXXV03.0VGC	PC	Tier 1	D	2	2TWC	2	12530	N/A	N/A
			Sable Station Wag.											
			Taurus Sedan											
			Taurus Station Wag.											
37		Ford	Taurus Sedan	3.4L	XFMXXV03.4VBC	PC	Tier1	D/Y	3	2TWC,TWC	2	12530	12530	
38			Mustang	3.8L	XFMXXV03.8VGC	PC	LEV	D	4	2WUTWC,2TWC	4	12520	12520	
39			Mustang Cobra	4.6L	XFMXXV04.6VB4	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530	
40			Mustang GT	4.6L	XFMXXV04.6VDN	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530	
41		Lincoln	Continental	4.6L	XFMXXV04.6VDP	PC	TLEV	Y	3	2WUTWC,TWC	2	12530	12530	
42		Ford	Crown Victoria	4.6L	XFMXXV04.6VGS	PC	LEV	D	4	2WUTWC,2TWC	2	12530	12530	
			Town Car											
			Grand Marquis											
43	2000	Ford	Taurus	3.0L	XFMXXV03.0VFA	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530	
44		Lincoln	LS	3.0L	XFMXXV03.0VD2	PC	TLEV	D	2	2TWC	2	12520	N/A	N/A
45				3.0L	XFMXXV03.0VF2	PC	LEV	D	2	2TWC	2	12520	N/A	N/A
46		Ford	Mustang	3.8L	VFMMXXV03.8VFS	PC	LEV	D	4	2WUTWC,2TWC	4	12520	12520	

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Valina, Inc.'s Series 12500 for Ford PC/LDT1 Application														
No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal F	Universal R	Direct Fit
47	2000	Ford	Mustang Cobra	4.6L	YFMXV04.6VB4	PC	Tier1	D	4	2WUTWC,2TWC	2	12530	12530	N/A
48	2000		Mustang GT	4.6L	YFMXV04.6VDN	PC	TLEV	D/Y	3	2WUTWC,TWC	2	12530	12530	
49		Lincoln	Continental	4.6L	YFMXV04.6VDP	PC	TLEV	b	4	2WUTWC,2TWC	2	12520	12530	
50		Ford	Crown Victoria	4.6L	YFMXV04.6VFR	PC	LEV	D	4	2WUTWC,2TWC	2	12530	12530	
		Lincoln	Town Car											
		Mercury	Grand Marquis											
51	2001	Ford	Taurus	3.0L	1FMXV03.0VF3	PC	LEV	D/Y	3	2TWC,TWC	2	12520	12520	
			Taurus Wag.											
		Mercury	Sable,Sable Wag.											
52		Lincoln	LS	3.0L	1FMXV03.0VD2	PC	TLEV	D	2	2TWC	2	12530	N/A	
53				3.0L	1FMXV03.0VF2	PC	LEV	D	2	2TWC	2	12530	N/A	
54		Ford	Mustang	3.8L	1FMXV03.8VFA	PC	LEV	D	4	2WUTWC,2TWC	4	12520	12520	
55			Mustang GT, Cobra 4V	4.6L	1FMXV04.6VD4	PC	TLEV	D	4	2WUTWC,2TWC	2	12530	12530	
56		Lincoln	Continental	4.6L	1FMXV04.6VBD	PC	TLEV	Y	3	2WUTWC,TWC	2	12530	12530	
57	2002	Ford	Crown Victoria	4.6L	1FMXV04.6VF5	PC	LEV	D	4	2WUTWC,2TWC	2	12530	12530	
		Lincoln	Town Car											
		Mercury	Grand Marquis											
58		Ford	Escort, Escort ZX2	2.0L	2FMXV02.0VF6	PC	LEV	D	2	2TWC	2	12530	N/A	
			Focus,Focus Wag.											
59		Mercury	Cougar	2.0L	2FMXV02.5VD5	PC	TLEV	D	3	2TWC,TWC	2	12530	12530	
58		Ford	Escort, Escort ZX2	2.0L	2FMXV02.0VF6	PC	LEV	D	2	2TWC	2	12530	N/A	
			Focus,Focus Wag.											
59		Mercury	Cougar	2.0L	2FMXV02.5VD5	PC	TLEV	D	3	2TWC,TWC	2	12530	12530	
60		Lincoln	LS6 Man	3.0L	2FMXV03.0VD2	PC	TLEV	D	2	2TWC	2	12530	N/A	
61			LS6 Auto.	3.0L	2FMXV03.0VF2	PC	LEV	D	2	2TWC	2	12530	N/A	
62		Ford	Taurus	3.0L	2FMXV03.0VF3	PC	LEV	D	2	2TWC	2	12530	N/A	
			Taurus Wag.											
		Mercury	Sable,Sable Wag.											
63		Ford	Taurus	3.0L	2FMXV03.0VF4	PC	LEV	D	2	2TWC	2	12530	12530	
64		Ford	Taurus Wag.											
		Mercury	Sable,Sable Wag.											
65		Ford	Taurus FFV	3.0L	2FMXV03.0VF8	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530	
			Taurus Wag, FFV											
		Mercury	Sable FFV											
			Sable FFV Wag.											
66		Ford	Taurus FFV	3.0L	2FMXV03.0VF9	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530	
			Taurus Wag, FFV			PC	LEV	D	4	2TWC,(2)	4	12530	12530	

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Valina, Inc.'s Series 12500 for Ford PC/LDT1 Application															
No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal F	Universal R	Direct Fit	
66	2002	Mercury	Sable FFV	3.0L	2FMXV03.0VF9	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530	N/A	
			Sable FFV Wag.												
67		Lincoln	Continental	4.6L	2FMXV04.6VD4	PC	TLEV	D/Y	3	2TWC,TWC	2	12520	12530		
			Ford												Mustang
	Mercury														Grand Marquis
68		Lincoln	Continental	4.6L	2FMXV04.6VDP	PC	TLEV	Y	3	2TWC,TWC	2	12520	12530		
69	2003	Ford	Mustang	4.6L	2FMXV04.6VD4	PC	TLEV	D	4	2TWC(2)	2	12530	12530		
70		Mercury	Grand Marquis	4.6L	2FMXV04.6VF5	PC	LEV		2	2TWC	2	12530	N/A		
71		Ford	Focus,Focus SVT	2.0L	3FMXT02.0VF4	PC	LEV	S	2	TWC(2)	2	12530	12530		
72			Escort ZX2	2.0L	3FMXT02.0VF6	PC	LEV	S	2	TWC(2)	2	12530	12530		
73					2.0L	3FMXT02.0VF3	PC	LEV	S	1	TWC	1	12530		N/A
74				Taurus,Taurus Wag.	3.0L	3FMXV03.0VF4	PC	LEV	D/Y	3	2TWC,TWC	2	12530		12530
		Mercury	Sable,Sable Wag.												
75		Ford	Taurus FFV	3.0L	3FMXV03.0VFX	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530		
76				Taurus Wag, FFV											
77		Mercury	Sable FFV	3.0L	3FMXV03.0VF2	PC	LEV	D	2	2TWC	2	12530	N/A		
			Sable FFV Wag.												
		Lincoln	LS6												
78		Ford	Mustang	3.8L	3FMXV03.8VFA	PC	LEV	D/Y	3	2TWC,TWC	2	12520	12520		
79		Lincoln	LS8,	3.9L	3FMXV03.9VF5	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530		
		Ford	Thunderbird												
80	Mustang GT		4.6L	3FMXV04.6VDN	PC	TLEV	D	4	(2)TWC(2)	4	12530	12530			
	Escort ZX2														
81	2004	Lincoln	LS6	3.0L	4FMXV03.01H2	PC	LEV	D	2	2TWC	2	12530	N/A		
82	Ford	Mustang Coupe/Conv.	3.8L	4FMXV03.9VJC	PC	LEV	D	4	2TWC(2)	4	12530	12530			
			3.9L												
83		Thunderbird	3.9L	4FMXV03.91H5	PC	LEV	D	2	2TWC	2	12530	N/A			
	Lincoln	LS8													

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit
1	1996	Chevy	SL1 Sedan, SW1 Wagon	1.9L	TGM1.9V8G2EK	PC	TLEV	S	1	TWC	1	12520	N/A
			SC1 Coupe										
2			SL2 Sedan, SW Wagon	1.9L	TGM1.9VJGFEK	PC	Tier1	S	1	TWC	1	12530	
			SC2 Coupe										
3			S10 P/up 2WD, Sonoma 2WD	2.2L	TGM2.218GFEK	LDT1	Tier1	S	1	TWC	1	12530	
			Isuzu Hombre P/Up 2WD										
4		Chevy	Beretta, Corsica	2.2L	TGM2.2V8G2EK	PC	TLEV	S	1	TWC	1	12520	
			Cavalier, Sunfire										
5		Chevy	Corsica, Beretta, Cierra SL	2.2L	TGM2.2V8GKEK	PC	Tier1	S	1	TWC	1	12520	
			Buick Century, Century Wag. Cavalier, Sunfire										
6		Chevy	Cavalier, Sunfire	2.4L	TGM2.4VJG2EK	PC	Tier1	S	1	TWC	1	12520	
			Pontiac Grand Am										
			Oldsmobile Achiva										
			Oldsmobile Skylark										
7		Chevy	Cavalier, Sunfire	2.4L	TGM2.4VJGKEK	PC	Tier1	S	1	TWC	1	12520	
			Pontiac Grand Am										
			Oldsmobile Achiva										
			Buick Skylark										
8		Buick	Century	3.1L	TGM3.1V8GFEK	PC	Tier1	S	1	TWC	1	12520	
			Regal										
		Oldsmobile Skylark											
		Chevy	Beretta, Corsica										
			Lumina, Monte Carlo										
		Oldsmobile Achieva											
		GMC Ciera											
		Oldsmobile Cutlas Supreme											
		Pontiac	Grand Am										
			Grand Prix										
9		Chevy	Lumina, Monte Carlo	3.4L	TGM3.4VJGFEK	PC	Tier1	S	1	TWC	1	12520	
			Oldsmobile Achieva, Ciera, Cutlass Supreme										

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit									
9	1996	Pontiac	Grand Am	3.4L	TGM3.4VJGFEK	PC	Tier1	S	1	TWC	1	12520	N/A									
			Grand Prix																			
10	1996	Oldsmobile	LeSable, Park Avenue	3.8L	TGM3.8V8GKEK	PC	Tier1	S	1	TWC	1	12540										
		Buick	Regal,Revera																			
		Chevy	Camaro																			
		Oldsmobile	98, Delta 88, LSS,Regency																			
		Pontiac	Bonneville SE, Firebird																			
11	1996	Buick	Park Avenue Ultra, Riviera	3.8L	TGM3.8V8GFFK	PC	Tier1	S	1	TWC	1	12540										
		Pontiac	Bonneville SSE																			
12	1996	Oldsmobile	Aurora	4.0L	TGM4.6VJGFEL	PC	Tier1	S	1	TWC	1	12540										
			Seville, Eldorado	4.6L											12550							
13	1997	Chevy	SL1 Sedan, SW1 Wagon	1.9L	VGM1.9V8G2EK	PC	TLEV	S	1	TWC	1	12520										
			SC1 Coupe																			
14	1997		S10 P/up 2WD,Sonoma 2WD	2.2L	VGM2.218G1EK	LDT1	Tier1	S	1	TWC	1	12530										
		Isuzu	Hombre P/Up 2WD,3625Lbs																			
15	1997	Chevy	Cavalier, Sunfire	2.2L	VGM2.2V8G1EK	PC	Tier1	S	1	TWC	1	12520										
16			Cavalier, Sunfire											2.2L	VGM2.2V8G2EK	PC	TLEV	S	1	TWC	1	12520
17			Cavalier, Sunfire											2.4L	VGM2.4VJG2EK							
18		1997	Oldsmobile	Achieva	3.1L	VGM3.18G1EK	PC	Tier1	S	1	TWC	1		12520								
				Cutlass										12530								
	Chevy		Lumina	12530																		
			Malibu	12530																		
			Monte Carlo	12530																		
	Oldsmobile		Achieva	12520																		
			Cutlass Supreme	12530																		
			Cutlass Supreme	12530																		
	Pontiac		Grand Am	12520																		
Grand Prix		12530																				
19	1997	Chevy	Lumina, Monte Carlo	3.4L	VGM3.4VJG1EK	PC	Tier1	S	1	TWC	1	12520										
		Oldsmobile	Cutlass Supreme									12530										
20	1997	Chevy	Camaro	3.8L	VGM3.8V8GKEK	PC	Tier1	S	1	TWC	1	12530										

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitor	Universal	Direct Fit
20	1997	Oldsmobile	Regency, Delta 88	3.8L	VGM3.8V8GKEK	PC	Tier1	S	1	TWC	1	12530	N/A
		Pontiac	Firebird										
21		Buick	Park Avenue, Ultra, Riviera	3.8L	VGM3.8V8G1FK	PC	Tier1	S	1	TWC	1	12530	
			Regal GS, Century										
		Oldsmobile	Regency, Delta 88										
			Bonneville SSE										
Pontiac	Grand Prix												
22		Buick	LeSable	3.8L	VGM3.8V8G2EK	PC	Tier1	S	1	TWC	1	12530	
			Park Avenue, Riviera										
			Regal LS, Century										
		Oldsmobile	Delta 88 Royal										
		Pontiac	Bonneville SE										
Grand Prix													
23		Oldsmobile	Aurora	4.0L	VGM4.6VJG1EK	PC	Tier1	S	1	TWC	1	12530	
24		Chevy	Seville, Eldorado	4.6L	VGM4.6VJG1EK	PC	Tier1	S	1	TWC	1	12530	
		Cadillac	Deville										
25	1998	Chevy	SL Sedan, SW Wagon	1.9L	WGMXV01.9002	PC	TLEV	S	1	TWC	1	12530	
			SC Coupe										
26			Cavalier	2.2L	WGMXV02.2022	PC	Tier1	S	1	TWC	1	12530	
		Pontiac	Sunfire										
27		Chevy	Cavalier	2.2L	WGMXV02.2023	PC	TLEV	S	1	TWC	1	12530	
		Pontiac	Sunfire										
28		Chevy	S10 P/up ,Sonoma	2.2L	WGMXT02.2122	LDT1	Tier1	S	1	TWC	1	12530	
		Isuzu	Hombre P/UP 2WD										
29		Chevy	S10 P/up ,Sonoma	2.2L	WGMXT02.2124	LDT1	TLEV	S	1	TWC	1	12530	
		Isuzu	Hombre P/UP 2WD										
30		Chevy	Cavalier, Sunfire	2.4L	WGMXV02.4025	PC	Tier1	S	1	TWC	1	12530	
		Oldsmobile	Achieva										
		Pontiac	Grand AM										
31		Pontiac	Grand Am, Achiva, Skylark	2.4L	WGMXV02.4026	PC	Tier1	S	1	TWC	1	12530	
		Chevy	Cavalier, Sunfire										
		Oldsmobile	Cutlass, Malibu										

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No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit
32	1998	Pontiac	Grand AM	3.1L	WGMXV03.1042	PC	Tier1	S	1	TWC	1	12530	N/A
		Oldsmobile	Achieva										
		Buick	Skylark										
33		Buick	Century	3.1L	WGMXV03.1042	PC	Tier1	S	1	TWC	1	12530	
		Chevy	Lumina, Monte Carlo										
			Malibu										
		Pontiac	Grand Prix										
34		Oldsmobile	Cutlass	3.1L	WGMXV03.1043	PC	Tier1	S	1	TWC	1	12530	
		Chevy	Lumina, Monte Carlo, Malibu										
		Pontiac	Grand Prix										
35		Oldsmobile	Century	3.8L	WGMXV03.1048	PC	Tier1	S	1	TWC	1	12530	
		Buick	LeSable										
			Park Avenue Ultra										
			Park Avenue										
		Chevy	Regal LS										
			Lumina										
		Oldsmobile	Monte Carlo										
			Delta 88 Royal										
			Intrigue										
		Pontiac	Regency										
			Bonneville SE										
Pontiac	Bonneville SSE												
	Grand Prix												
36		Chevy	Camaro	3.8L	WGMXV03.8049	PC	Tier1	S	1	TWC	1	12530	
		Pontiac	Firebird										
37		Buick	Rivera	3.8L	WGMXV03.8051	PC	Tier1	S	1	TWC	1	12530	
			Park Avenue										
			Regal										
		Pontiac	Grand Prix										
		Pontiac	Bonneville										
		Oldsmobile	88, Reigency										

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit	
38	1998	Oldsmobile	Aurora	4.0L	WGMXXV04.6066	PC	Tier1	S	1	TWC	1	12530		
		Cadillac	SEVILLE	4.6L										
		Cadillac	Eldorado, Deville											
39	1999	Chevy	SL Sedan, SW Wagon	1.9L	XGMXXV01.9002	PC	TLEV	S	1	TWC	1	12530		
			SC Coupe											
			S10 P/up, Sonoma	2.2L	WGMXT02.2122	LDT1	TLEV	S	1	TWC	1	12530		
			Hombre P/UP 2WD											
41		Chevy	Cavalier, Sunfire	2.2L	XGMXXV02.2022	PC	TLEV	S	1	TWC	1	12530		
			Cavalier, Sunfire	2.2L	XGMXXV02.2023	PC	LEV	S	1	TWC	1	12530		
43		Oldsmobile	Alero	2.4L	XGMXXV02-4025	PC	TLEV	S	1	TWC	1	12530		
			Cutlass											
44		Pontiac	Grand Am											
			Chevy	Cavalier, Sunfire, Malibu	2.4L	XGMXXV02-4027	PC	LEV	S	1	TWC	1		12530
			Oldsmobile	Cutlass, Grand AM										
45		Oldsmobile	Alero										N/A	
			Chevy	Malibu	3.1L	XGMXXV03.1043	PC	LEV	S	1	TWC	1		12530
46		Oldsmobile	Cutlass											
			Chevy	Lumina	3.4L	XGMXXV034042	PC	TLEV	S	1	TWC	1		12530
		Oldsmobile	Monte Carlo											
			Pontiac	Alero										
			Pontiac	Grand Am SE										
		Buick	Grand Am GT											
			Grand Prix											
			Century											
47		Oldsmobile	Intrigue	3.5L	XGMXXV03.5064	PC	TLEV	S	1	TWC	1	12530		
			Buick	LeSabre	3.8L	XGMXXV03.8048	PC	TLEV	S	1	TWC	1		12530
48		Chevy	Park Avenue											
			Park Avenue Ultra											
			Regal GS											
			Regal LS											
		Chevy	Camaro, Lumina											
			Monte Carlo											

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit
48	1999	Oldsmobile	Delta 88 Royal	3.8L	XGMXV03.8049	PC	TLEV	S	1	TWC	1	12530	N/A
			Intrigue										
			Regency										
			LSS										
		Pontiac	Bonneville SE										
			Bonneville SSE										
			Grand Prix, Firebird										
49		Buick	Park Avenue, Regal, Lesabre										
		Chevy	Camaro, Lumina										
			Monte Carlo										
		Pontiac	Bonneville										
			Firebird, Grand Prix										
Oldsmobile	Eighty, Intrigue, Regency												
50		Chevy	Camaro	3.8L	XGMXV03.8051	PC	TLEV	S	1	TWC	1	12530	
		Pontiac	Firebird										
51		Oldsmobile	Intrigue, 88/Regency	3.8L	XGMXV03.8052	PC	Tier1	S	1	TWC	1	12530	
			88/Regency										
		Pontiac	Bonneville										
52		Buick	Park Avenue	3.8L	XGMXV03.8053	PC	LEV	S	1	TWC	1	12530	
			Regal										
			Riviera										
		Oldsmobile	LSS										
		Pontiac	Bonneville SSE										
Grand Prix													
53		Oldsmobile	Aurora	4.0L	XGMXV04.6068	PC	Tier1	S	1	TWC	1	12530	
		Cadillac	Eldorado, Deville	4.6L									
			SEVILLE, Limosine Heares										
54	2000	Chevy	S10 P/up 2WD	2.2L	YGMXT02.2122	LDT1	LEV	S	1	TWC	1	12530	
		GMC	GMC Sonoma 2WD										
		Isuzu	Hombre P/UP 2WD										
55			Cavalier (Manual)	2.2L	YGMXX02.2023	PC	TLEV	S	1	TWC	1	12530	

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitor	Universal	Direct Fit
55	2000	Pontiac	Sunfire(Manual)	2.2L	YGMXXV02.4022	PC	LEV	S	1	TWC	1	12530	
			Saturn LS, LW, Sunfire										
			Cavalier, Malibu										
			Alero, Malibu										
			Grand Am										
56	2000	Pontiac	Sunfire	2.4L									
			Cavalier										
			Alero, Malibu										
			Grand Am										
57	2000	Chevy	Cavalier	2.4L									
			Oldsmobile										
			Alero, Malibu										
58	2000	Pontiac	Grand Am	3.5L	YGMXXV03.5064	PC	LEV	S	1	TWC	1	12530	
			Oldsmobile										
			Aurora, Intrigue										
59	2000	Buick	Park Avenue	3.8L	YGMXXV03.8045	PC	LEV	S	1	TWC	1	12530	
			Regal										
			Bonneville SSE										
			Grand Prix										
60	2001	Chevy	Lesabre	3.8L	YGMXXV03.8043	PC	Tier1	S	1	TWC	1	12530	
			Park Avenue										
			Regal										
			Impala										
			Camaro										
61	2001	Pontiac	Monte Carlo	4.0L	YGMXXV04.6065	PC	Tier1	S	1	TWC	1	12530	
			Bonneville SE										
			Firebird, Trans Am										
62	2001	Cadillac	Grand Prix	4.6L	YGMXXV04.6065	PC	Tier1	S	1	TWC	1	12530	
			Seville, Eldorado, Deville										
			Aurora										
63	2001	Saab	Seville, Deville, Limousine, Funeral Coach, Hearses	4.6L	YGMXXV04.6066	PC	LEV	S	1	TWC	1	12530	
			Aurora										
			9-3, 9-3 Conv, 9-5, 9-5 Wagon										
			S10 P/up 2wd										
64	2001	Chevy	Sonoma 2WD	2.2L	1GMXXV02.2122	PC	LEV	S	1	TWC	1	12530	
			Hombre P/UP 2WD										
			Cavalier	2.2L	1GMXXV02.2024	PC	TLEV	S	1	TWC	1	12530	

N/A

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit
64	2001	Pontiac	Sunfire										N/A
65		Saturn	L100/200(Manual Transm. Only)	2.0L,2.4L	1GMXTO2.4022	PC	TLEV	S	1	TWC	1	12530	
		Chevy	Cavalier										
		Pontiac	Sunfire										
			Grand Am										
		Chevy	Alero										
66		Saab	9-5, 9-5Wagon	3.0L	1GMXV03.0062	PC	LEV	S	1	TWC	1	12530	
67		Chevy	Malibu,Lumina	3,1L	1GMXV03.8043	PC	LEV	S	1	TWC	1	12530	
		Pontiac	Grand Prix										
		Buick	Century										
		Chevy	Impala,Monte Carlo,Alero	3.4L									
		Pontiac	Grand Am										
		Chevy	Camaro	3.8L									
		Pontiac	Firebird,Trans Am										
		Pontiac	Bonneville										
		Grand Prix											
	Buick	Park Avenue											
		Regal											
68	Oldsmobile	Aurora	3.5L	1GMXV03.5064	PC	LEV	S	1	TWC	1	12530		
69		Aurora,Intrigue	3.5L	1GMXV03.5065	PC	LEV	S	1	TWC	1	12530		
70	Oldsmobile	Aurora	4.0L	1GMXV04.6065	PC	LEV	S	1	TWC	1	12530		
	Cadillac	Deville,Eldorado,Seville Heares, Limousine	4.6L										
71	2002	Saturn	Vue AWD	2.2L	2GMXV02.2.2023	PC	LEV	S	1	TWC	1	12530	
72		Chevy	Cavalier	2.2L	2GMXV02.2.2024	PC	TLEV	S	1	TWC	1	12530	
		Pontiac	Sunfire										
73		Saturn	LW200	2.2L	2GMXV02.2.2025	PC	LEV	S	1	TWC	1	12530	
74		Chevy	Cavalier	2.2/2.4L	2GMXV02.4022	PC	LEV	S	1	TWC	1	12530	
		Oldsmobile	Alero										
			Grand Am										
		Oldsmobile	Alero										
75	Saab	9-5, 9-5Wagon	3.0L	2GMXV03.0063	PC	LEV	S	1	TWC	1	12530		

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitor	Universal	Direct Fit		
76	2002	Pontiac	Grand Prix	3.1L	2GMXV03.8043	PC	LEV	S	1	TWC	1	12530			
		Buick	Century												
		Chevy	Malibu												
		Chevy	Impala, Monte Carlo	3.4L											
		Oldsmobile	Alero												
		Oldsmobile	Alero												
														Aurora, Intrigue	3.5L
		Chevy	Impala Police, Camaro	3.8L											
		Pontiac	Firebird,												
		Buick	Park Avenue, Regal												
Pontiac	Bonneville, Grand Prix														
77		Chevy	Impala, Monte Carlo	3.8	2GMXV03.8044	PC	LEV	S	1	TWC	1	12530			
		Buick	Le Sabre, Park Avenue, Regal												
		Pontiac	ARB												
78	2003	Saab	9-3 Spoert Sedan	2.0L	3GMXV02.3001	PC	LEV	S	1	TWC	1	12530	N/A		
79			9-3 Spoert Sedan	2.0L, 2.3L	3GMXV02.3001	PC	LEV	S	1	TWC	1	12530			
80			9-5, 9-5 Wagon	3.0L	3GMXV03.0063	PC	LEV	S	1	TWC	1	12530			
81			9-3 Spoert Sedan	2.0L	3GMXV02.002	PC	LEV	S	1	TWC	1	12530			
82		Chevy	Cavalier	2.2L	3GMXV02.2025	PC	LEV	S	1	TWC	1	12530			
		Oldsmobile	Alero												
		Oldsmobile	Alero												
		Pontiac	Sunfire												
		Saturn	L200, LW200												
83		Saturn	Ion	2.2L	3GMXV02.2028	PC	LEV	S	1	TWC	1	12530			
84			9-5, 9-5 Wagon	3.0L	3GMXV03.0063	PC	LEV	S	1	TWC	1	12530			
85		Buick	Century		3GMXV03.8043	PC	LEV	S	1	TWC	1	12530			
		Chevy	Malibu												
	Pontiac	Grand Prix													
	Buick	Regal													
86	Cadillac	Deville, Eldorado, Seville	4.6L	3GMXV04.6065	PC	LEV	S	1	TWC	1	12530				
		limousine													

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Valina, Inc.'s Series 12500 for GMC PC/LDT1 Application

No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit
86	2003	Oldsmobile	Aurora	4.0L	3GMXV04.6065	PC	LEV	S	1	TWC	1	12540	N/A

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Valina, Inc.'s Series 12500 for Jaguar PC Application														
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored Converter	Uninv. Fr	Univ. Rear	Direct Fit	
1	1996	XJ6, VANDEN PLAS	4.0L	TJC4.0VJGKGK	TIER1	PC	D	2WUTWC/2TWC	4	4	12520	12520	N/A	
		XJS					D	2WUTWC/2TWC	3	3	12520	12530	N/A	
2	1996	XJR	4.0L	TJC4.0VJGFGK	TIER1	PC	D	2WUTWC/2TWC	4	4	12530	12530	N/A	
3	1997	XJ6, XJ6L, VANDEN PLAS	4.0L	VJC4.0VJGKGK	TIER1	PC	D	2WUTWC/2TWC	4	4	12520	12520	N/A	
4	1997	XK8 CONVERTIBLE & COUPE	4.0L	VJC4.0VJGKEL	TIER1	PC	D	2TWC	2	2	12520	12520	N/A	
	1998	XK8 CONVERTIBLE & COUPE, XJ8L, VANDEN PLAS	4.0L	WJCV04.0AN1	TIER1	PC	D	2TWC	2	2	12530	12530	N/A	
6	1998	XJR	4.0L	WJCV04.0AS3	TIER1	PC	D	2TWC	2	2	12530	12530	N/A	
7	1999	XK8 CONVERTIBLE & COUPE, XJ8, XJ8L, VANDEN PLAS	4.0L	XJCV04.0BN4	TLEV	PC	D	2TWC	2	2	12530	12530	N/A	
8	1998	KJR, VANDEN PLAS	4.0L	XJCV04.0AS3	TIER1	PC	D	2TWC	2	2	12530	12530	N/A	
9	2000	S TYPE	4.0L	YJCV04.0CN5	TLEV	PC	D	2TWC	2	2	12530	12530	N/A	
10	2000	S TYPE	3.0L	YJCV03.0CN6	TLEV	PC	D	2TWC	2	2	12530	12530	N/A	
11	2000	X18, XJ8L, VANDEN PLAS, XK8 COUPE & CONVERTIBLE	4.0L	YJCV04.0BN4	LEV	PC	D	2TWC	2	2	12530	12530	N/A	
12	2000	XJR, VANDEN PLAS, XKR COUPE & CONVERTIBLE	4.0L	YJCZV04.5857	TIER1	PC	D	2TWC	2	2	12530	12530	N/A	
13	2001	S TYPE		1JCXV04.0CNE	TLEV	PC	D	2TWC	2	2	12520	12520	N/A	
14	2001	S TYPE	3.0L	1JCXV03.0CNE	PC	D	D	2TWC	2	2	12520	12520	N/A	
15	2001	S TYPE	4.0L	1JCXV04.0CN5	LEV	PC	D	2TWC	2	2	12520	12520	N/A	
16	2001	VANDEN PLAS, XJR, XKR, XKR CONVERTIBLE	4.0L	1JCXV04.0BS7	TIER1	PC	D	2TWC	2	2	12520	12520	N/A	
17	2001	XJ8, XJ8L, VANDEN PLAS, XK8, XK8 CONVERTIBLE	4.0L	1JCXV04.0BN4	LEV	PC	D	2TWC	2	2	12520	12520	N/A	
18	2001	S TYPE	3.0L	1JCXV03.0CN6	LEV	PC	D	2TWC	2	2	12520	12520	N/A	
19	2002	S TYPE	3.0L	2JCXV03.0CN6	LEV	PC	D	2TWC	2	2	12520	12520	N/A	
20	2002	S TYPE	4.0L	2JCXV04.0CN5	LEV	PC	D	2TWC	2	2	12520	12520	N/A	
21	2002	XJ8, XJ SPORT, VANDEN PLAS, XK8, XK8 CONVERTIBLE	4.0L	21CXV04.0BN4	LEV	PC	D	2TWC	2	2	12530	12530	N/A	
22	2002	XJR, XKR, XKR CONVERTIBLE, SUPER V8	4.0L	2JCXV04.01357	TIER1	PC	D	2TWC	2	2	12530	12530	N/A	
23	2002	X TYPE	3.0L	2JCXV03.0DN8	LEV	PC	D	2TWC	2	2	12530	12530	N/A	
24	2003	XJ8, VANDEN PLAS, XJ SPORT	4.0L	3JCXV04.0BN4	LEV	PC	D	2TWC	2	2	12530	12530	N/A	
25	2003	XJR, SUPER V8	4.0L	31CXV04.0BS7	TIER1	PC	D	2TWC	2	2	12530	12530	N/A	
26	2003	S TYPE	3.0L	3JCXV03.0DNE	LEV	PC	D	2TWC	2	2	12530	12530	N/A	
27	2003	X TYPE	3.0L	3JCXV03.0DN8	LEV	PC	D	2TWC	2	2	12530	12530	N/A	
28	2004	X TYPE	2.5L/3.0L	4JCXV03.0DNG	LEV	PC	D	2TWC	2	2	12520	12520	N/A	
29	2004	S TYPE	3.0L	4JCXV03.0DNE	LEV	PC	D	2TWC	2	2	12520	12520	N/A	

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Valina, Inc.'s Series 12500 for KIA PC/LDT1 Application													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Weight Class	Certification Level	Exhaust Type	Total Converters	Converter Type	Monitored	Univ. Fr	Univ. Rear	Direct #
1	1995	Sephia	1.6L	SKM1.6VJG2EK	PC	TLEV	S	2	WUTWC/TWC	1 (Front)	12520	12520	N/A
2	1995		1.8L	SKM1.8VJG1EK	PC	Tier-1	S	1	TWC	1	N/A	12520	N/A
3	1996	Sephia	1.6L	TKM1.6VJG2EK	PC	TLEV	S	2	WUTWC/TWC	2	12520	12520	N/A
4	1996	Sephia	1.8L	TKM1.8VJG1EK	PC	Tier-1	S	1	TWC	1(front)	N/A	12520	N/A
5	1996	Sportage	2.0L	TKM2.01JG1EK	LDT1	Tier-1	S	1	TWC	1(front)	N/A	12540	N/A
6	1997	Sephia	1.6L	VKM1.6VJG2EK	PC	TLEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
7	1997	Sephia	1.8L	VKM1.8VJG1EK	PC	Tier -1	S	1	TWC	1(front)	N/A	12520	N/A
8	1997	Sephia	2.0L	VKM2.01JG1EK	PC	Tier-1	S	1	TWC	1(front)	N/A	12520	N/A
9	1998	Sportage	2.0L	WKMX02.0B01	LDT1	TLEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
10	1998	Sephia	1.8L	WKMXV01.8A01	PC	TLEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
11	1999	Sportage	2.0L	XKMX02.0B02	LDT1	TLEV	S	2	WUTWC/TWC	1 (Front)	12520	12520	N/A
12	1999	Sephia	1.8L	XKMXV01.8A02	PC	TLEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
13	2000	Sportage	2.0L	YKMX02.0B03	LDT1	LEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
14	2000	Sephia	1.8L	YKMXV01.8A03	PC	LEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
15	2001	Sportage	2.0L	1KMX02.0B04	LDT1	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12520	N/A
16	2001	Rio	1.5L	1KMXV01.5C01	PC	LEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
17	2001	Sephia	1.8L	1KMXV01.8A04	PC	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12520	N/A
18	2001	Optima	2.4L	1KMXV02.4D01	PC	LEV	S	2	WUTWC/TWC	1(front)	12520	12520	N/A
19	2001	Optima	2.5L	1KMXV02.5E01	PC	LEV	D/Y	3	2WUTWC/TWC	2 (Front)	12520	12540	N/A
20	2002	Sportage	2.0L	2KMX02.0B05	LDT1	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12520	N/A
21	2002	Rio	1.5L	2KMXV01.5C02	PC	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12520	N/A
22	2002	Optima	2.4L	2KMXV02.4D02	PC	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12540	N/A
23	2003	Optima	2.7L	3KMXV02.7E02	PC	LEV	D/Y	3	2WUTWC/TWC	2 (Front)	12520	12540	N/A
24	2003	Optima	2.4L	3KMXV02.4D03	PC	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12540	N/A
25	2003	Rio	1.6L	3KMXV01.6C01	PC	LEV	S	1	TWC	1	N/A	12520	N/A
26	2004	Rio		4KMXV01.6C02	PC	LEV	S		TWC	1	N/A	12520	N/A
27	2004	Optima	2.4L	4KMXV02.4D04	PC	LEV	S	2	WUTWC/TWC	1 (Front)	12520	12540	N/A
28	2004	Optima	2.7L	4KMXV02.7E03	PC	LEV	D/Y	3	2WUTWC/TWC	2 (Front)	12520	12540	N/A

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Valina, Inc.'s Series 12500 for Mazda PC/LDT1 Application

No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit						
1	1995	Mazda	Protege	1.8 L	STK1.8VJG1EK	LEV	PC	TWC	1	1	1	12520	N/A						
2	1996		MX-5 Miata		TTK1.8VJGKEK							12530	N/A						
3			Protege		TTK1.8VJGKFK							12520	N/A						
4			MX-5 Miata	VTK1.8VJGKEK	12530							N/A							
5	1997		Protege	VTK1.8VJGKFK	12520							N/A							
6			Millenia	VTK2.5VJG1EK	12521							N/A							
7			626/MX-6	VTK2.5VJGKEK	12520							N/A							
8			Protege	WTKXV01.8VB2	12520							N/A							
9	1998		626	WTKXV02.5VB2	12521							N/A							
10			Millenia	WTKXV02.5VB3	12520							N/A							
11				WTKXV02.5VB4	12520							N/A							
12				626	XTKXV02.5VB2							12521	N/A						
13	1999		Millenia	XTKXV02.5VB4	TIER1							PC	LDT1	N/A	N/A	N/A	N/A	N/A	N/A
14	2000			YTKXV02.5VB4															
15	2001		Tribute M/T	1TKXT02.0CJA	TIER1							PC	LDT1	N/A	N/A	N/A	N/A	N/A	N/A
16			MX-5 Miata	1TKXV01.8CJA															
17			Tribute	2TKXT02.0CJA															
18	2002		MX-5 Miata	2TKXV01.8CJA															
19			Tribute	3TKXV02.0CJA	LEV							PC	LDT1	N/A	N/A	N/A	N/A	N/A	N/A
20	2003		MX-5 Miata	3TKXV01.8CJA															
21			Mazda 6	3TKXV02.3CJM															
22			Tribute	4TKXT02.0AJA															
23	2004		MX-5 Miata	4TKXV01.8AJA	TIER1							PC	LDT1	N/A	N/A	N/A	N/A	N/A	N/A
24				Mazda 6															

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Valina, Inc.'s Series 12500 for Mercedes PC Application														
No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit	
1	1996	MB	C220	2.2L	TMB2.2VJGKEK	TLEV	PC	D	2TWC	2	2	12520	N/A	
2			E320	3.2L	TMB3.2VJGFEK	TIER1		S	TWC	1	1	12540	N/A	
3			C280	2.8L	TMB3.6VJGKEK -			D	2TWC	2	2	12520	N/A	
			S320, SL320	3.2L		12540		N/A						
4			C36 AMG	3.6L	TMB5.0VJGFEK	S		TWC	1	1	12530	N/A		
			S420	4.2L		TWC		1	N/A					
5			S500, SL500	5.0L	TMB6.0VJGFEK	D		2TWC	2	2	N/A			
			S600	6.0L		TMB6.0VJGFEK		TLEV	12520	N/A				
6			SL600		C 230						2.3L	VMB2.3VJGKEK	TLEV	S
7			E 320	3.2L	VMB3.2VJGKEK	TIER1		D	2TWC	2	2	12520	N/A	
8	C280	2.8L	VMB3.6VJGKEK	S 320	3.2L		VMB3.6VJGKEK	TIER1	S	TWC	1	1	12540	N/A
	SL 320	3.2L		N/A										
C36 AMG	3.6L	N/A												
9	SL 500	5.0L	VMB5.0VJGKEK	TLEV	D	2WUTWC/2TWC	4	2	12530	N/A				
10	S 600	6.0L	VMB6.0VJGFEK	TIER1		2TWC	2			N/A				
SL 600	N/A													
11	1998	MB	C230	2.3L	WMBXV02.3GNU	TLEV	S	TWC	1	1	12540	N/A		
12			SLK230	2.3L	WMBXV02.3GSU	TIER1						12520	N/A	
13	1998	MB	S320	3.2L	WMBXV03.2GNU	TIER1	D	2WUTWC/2TWC	4	2	12530	N/A		
14			C43 AMG	4.3L	WMBXVO4.3GNB	LEV						N/A		
15			E430	4.2L	WMBXV05.0GNB	TLEV						12530	N/A	
			S420											N/A
S500, CL500, SL500			5.0L	N/A										
16	S600, CL600	6.0L	WMBXV06.0GNU	TIER1	12520	N/A								
SL600	N/A													
17	1999	MB	SLK 230	2.3L	XMBXV02.3GSU	TLEV	S	TWC	1	1	12540	N/A		
18			C230	2.3L	XMBXV02.3GSU	TIER1						N/A		
19	1999	MB	S320	3.2L	XMBXV03.2GNU	TIER1	D	2WUTWC/2TWC	4	2	12520	N/A		
20			E430	4.3L	XMBXV05.0GNB	LEV						12520	N/A	
			C43AMG, CLK430	4.3L										N/A
SL500	5.0L	N/A												
21	2000	MB	S600, CL600	6.0L	XMBXV06.0GNU	TIER1	D	2TWC	2	12520	N/A			
22			SL600								N/A			
23	2000	MB	C 230	2.3L	YMBXV02.3GSU	TLEV	D	2WUTWC/2TWC	4	2	12530	N/A		
24			C 280	2.8L	YMBXV03.2GNB	LEV						12540	N/A	
25			CLK320	3.2L										N/A
26			S430, E430	4.3L	YMBXV05.0GNB	LEV						12520	N/A	
27	SL500, S500	5.0L	N/A											
28	SL 600	6.0L	YMBXV06.0GNU	TIER1	2TWC	2	N/A							

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Valina, Inc.'s Series 12500 for Mitsubishi PCL/DT1													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exh. Type	Converter Type	Total Conv.	Moni. Conv	Univ. Fr	Univ. Rear	Direct Fit
1	1996	MITSUBISHI MIRAGE	1.5L	TMT1.5VJG2EK	TLEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12530	N/A
		EAGLE SUMMIT											N/A
		MITSUBISHI MIRAGE											N/A
		EAGLE SUMMIT, SUMMIT WAGON											N/A
2	1996	EAGLE SUMMIT WAGON	2.4L	TMT2.4VJG2EK	TLEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
		MITSUBISHI WAG.											N/A
		MITSUBISHI EXPO											N/A
		MITSUBISHI GALANT											N/A
3	1996	EAGLE SUMMIT WAGON, MITSUBISHI EXPO	2.4L	TMT2.4VJG2EK	TLEV	PC	S	TWC	1	1	N/A	12530	N/A
		MITSUBISHI DIAMANTE											N/A
		MITSUBISHI DIAMANTE											N/A
		MITSUBISHI DIAMANTE											N/A
4	1996	MITSUBISHI DIAMANTE	3.0L	TMT3.OV8GF EK	TIER1	PC	S	2WUTWC/TWC	3	2 FRONTS	12520	12530	N/A
		DODGE STEALTH											N/A
		MITSUBISHI 3000GT, SPYDER, DIAMANTE											N/A
		DODGE STEALTH											N/A
5	1996	MITSUBISHI 3000GT, SPYDER, DIAMANTE	3.0L	TMT3.OVJGF EK	TIER1	PC	D/Y	2WUTWC/TWC	3	2 FRONTS	12520	12530	N/A
		DODGE STEALTH											N/A
6	1996	MITSUBISHI 3000GT, SPYDER, DIAMANTE	3.0L	TMT3.OVJGF EK	TIER1	PC	D/Y	2WUTWC/TWC	3	2 FRONTS	12520	12520	N/A
		DODGE STEALTH											N/A
7	1996	MITSUBISHI 3000GT, SPYDER, DIAMANTE	3.0L	TMT3.OVJGF EK	TIER1	PC	D/Y	2WUTWC/TWC	3	2 FRONTS	12520	12520	N/A
		DODGE STEALTH											N/A
8	1996	MITSUBISHI 3000GT, SPYDER, DIAMANTE	3.0L	TMT3.OVJGF EK	TIER1	PC	D/Y	2WUTWC/TWC	3	2 FRONTS	12520	12520	N/A
		DODGE STEALTH											N/A

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Valina, Inc.'s Series 12500 for Mitsubishi PC/LDT1													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exh. Type	Converter Type	Total Conv.	Moni. Conv	Univ. Fr	Univ. Rear	Direct Fit
9	1997	MITSUBISHI MIRAGE	1.8L	VMT1.8VJG2EK	TLEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
10	1997	MITSUBISHI MIRAGE	1.5L	VMT1.5VJG2EK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A
11	1997	MITSUBISHI GALANT	2.4L	VDS2.4VJG2EK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A
12	1997	MITSUBISHI 3000GT, 3000GT SPYDER	3.0L	VMT3.0VJGFEK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12540	N/A
13	1997	MITSUBISHI 3000GT	3.0L	VMT3.0V8GFEK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12540	N/A
14	1998	MITSUBISHI MIRAGE	1.8L	WMTXV01.8G2G	LEV	PC	S	WUTWC/TWC	2	1 FRONT	12520	12520	N/A
15	1998	MITSUBISHI GALANT	2.4L	WDSXV02.4G1G	TLEV	PC	S	WUTWC/TWC	2	1 FRONT	12520	12520	N/A
16	1998	MITSUBISHI 3000GT, 3000GT SPYDER	3.0L	WMTXV03.0GBK	TIER1	PC	D/Y	2WUTWC/ TWC	3	1 FRONTS	12520	12540	N/A
17	1998	MITSUBISHI 3000GT	3.0L	WMTXV03.0GBA	TIER1	PC	D/Y	2WUTWC/ TWC	3	1 FRONTS	12520	12540	N/A
18	1998	MITSUBISHI MIRAGE	1.5L	WMTXV01.5G2D	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
19	1999	MITSUBISHI MIRAGE	1.5L	XMTXV01.5G2D	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
20	1999	MITSUBISHI MIRAGE	1.8L	XMTXV01.8G2G	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
21	1999	MITSUBISHI GALANT	2.4L	XDSXV02.4G2H	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12540	N/A
22	1999	MITSUBISHI 3000GT	3.0L	XMTXV03.0GBA	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A
23	1999	MITSUBISHI 3000GT	3.0L	XMTXV03.0GBK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A
24	2000	MITSUBISHI GALANT, ECLIPSE	2.4L	VDSXV02.4GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12540	N/A

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Valina, Inc.'s Series 12500 for Mitsubishi PC/LDT1													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exh. Type	Converter Type	Total Conv.	Moni. Conv	Univ. Fr	Univ. Rear	Direct Fit
25	2000	MITSUBISHI MIRAGE	1.5L	YMTXV01.5GND	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12540	N/A
26	2000	MITSUBISHI MIRAGE	1.8L	YMTX01.8GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
27	2001	MITSUBISHI GALANT	2.4L	1DSXV02.4GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
		ECLIPSE, ECLIPSE SPYDER									12520	12540	N/A
28	2001	MITSUBISHI MIRAGE	1.8L	1MTXV01.8GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
29	2001	MITSUBISHI MIRAGE	1.5L	1MTXV01.5GND	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
30	2002	MITSUBISHI GALANT	2.4L	SDSXV02.4GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12540	12520	N/A
		ECLIPSE, ECLIPSE SPYDER									12520	12540	N/A
31	2002	MITSUBISHI LANCER	1.81 & 2.0L	2MTXV02.0GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
32	2002	MITSUBISHI MIRAGE	1.8L	2MT)(V01.8GNG	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
33	2002	MITSUBISHI MIRAGE	1.5L	2MTXV01.5GND	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
34	2003	MITSUBISHI LANCER EVOLUTION	2.0L	3MTXV02.0GTS	LEV	PC	S	TWC	1	1	N/A	12540	N/A
35	2003	MITSUBISHI GALANT	2.4L	3DSXV02.4GNF	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
		ECLIPSE, ECLIPSE SPYDER											N/A
36	2003	MITSUBISHI OUTLANDER	2.4L	3MTXT02.4GNG	LEV	LDT1	S	TWC	1	1	N/A	12540	N/A

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Valina, Inc.'s Series 12500 for Mitsubishi PC/LDT1													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exh. Type	Converter Type	Total Conv.	Moni. Conv	Univ. Fr	Univ. Rear	Direct Fit
37	2003	MITSUBISHI GALANT	2.4L	3DSXV02.4GNS	LEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
		ECLIPSE, ECLIPSE SPYDER											N/A
38	2004	MITSUBISHI LANCER, LANCER SPORT BACK	2.4L	4MTXV02.4GGB	LEV	PC	S	'TWC	1	ALL	N/A	12520	N/A
39	2004	MITSUBISHI LANCER EVOLUTION	2.0L	4MTXV02.0GGB	LEV	PC	S	'TWC	1	ALL	N/A	12540	N/A
40	2004	MITSUBISHI OUTLANDER	2.4L	4MTXT02.4GGB	LEV	LDT1	S	'TWC	1	ALL	N/A	12540	N/A

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Valina, Inc.'s Series 12500 for Nissan PC/LDT1 Application																			
No.	Model Year	Make	Vehicle Model	Engine Size	Engine Family	Cert. Level	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored	Universal	Direct Fit						
1	1995	Nissan	200 SX	1.6L	SNS1.6VJG2EK	TLEV	PC	S	TWC	1	1	12531	N/A						
			Sentra										N/A						
2			200 SX SE-R	2.0L	SNS2.0VJGFEK	TIER1							N/A						
3			G20									12521	N/A						
4	240 SX		2.4L	SNS2.4VJGFFK	TIER1	12530						N/A							
5	1996		200 SX	1.6L	TNS1.6VJG2EK	TLEV						LDT1	PC	S	TWC	1	1	12531	N/A
			Sentra																N/A
6			200 SX	2.0L	TNS2.0VJGFEK	TIER1													N/A
7			Sentra															12521	N/A
8			G20	2.4L	TNS2.0VJGFFK	TIER1												12540	N/A
9			Pickup	2.4L	TNS2.41JG1EK	TIER1												12530	N/A
10			240 SX		TNS2.4VJG1GK	TIER1												12540	N/A
11	Pickup		VNS2.41JGKEK		TIER1	12530						N/A							
12	1997		240 SX	VNS2.4VJGKFK	TIER1	12530						N/A							
13		200 SX	2.0L	WNSXV02.0A2A	TIER1	PC	12531	N/A											
14	1998	Sentra						2.4L	WNSXV02.4A3B	TIER1	12530	N/A							
15	1999	240SX	2.0L	XNSXV02.0A2A	TIER1	PC	S	TWC	1	1	12531	N/A							
16		200 SX										N/A							
17		G20, Sentra	2.0L	XNSXV02.0A2A	TIER1	PC	S	TWC	1	1	12531	N/A							

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Valina, Inc's Series 12500 for Subaru PC Application													
No.	Model Year	Vehicle Model	Engine Size.	Engine Family	Cert. Lev	Weight Class	Exhaust Type	Converter Type	Total Converters	Monitored Converter	Univ. Fr	Univ. Rear	Direct Fit
1	2001	Forester Legacy, Impreza	2.5L	1FJXV02.5JEH	LEV	PC	S	TWC2	2	1 Front	12520	12520	N/A
2	2001	Impreza, Legacy, Outback		1FJXV102.5JEJ	LEV	PC	S	TWC2	2	1 Front	12520	12520	N/A
3	2002	Forester		2FJXV02.5JEH	LEV	PC	S	TWC2	2	1 Front	12520	12520	N/A
4	2002	Outback, Forester, Impreza		2FJXV02.5JEJ	LEV	PC	S	TWC2	2	1 Front	12520	12520	N/A
5	2002	Impreza, Legacy, Outback		2FJXV02.5JHM	LEV	PC	S	TWC2	2	1 Front	12520	12520	N/A
6	2004	Outback, Forester		4FJXV02.5JHM	LEV	PC	S	TWC2	2	1 Front	12520	12520	N/A

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Valina, Inc.'s Series 12500 for Suzuki PC/LDT1 Application													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Univ. Fr	Univ. Rear	Direct Fit
1	1995	SWIFT	1.3L	SSK1.3V5GDFA	TIER1	PC	S	1	TWC	1	N/A	12520	N/A
2	1996	SIDEKICK & TRACKER	1.6L	TSK1.61JGHHB	TIER1	LTD1	S	1	TWC	1	N/A	12520	N/A
3	1996	SIDEKICK	1.8L	TSK1.81JGHHB	TIER1	LTD1	S	1	TWC	1	N/A	12520	N/A
4	1996	METRO	1.0L	TSK1.OV5G2EK	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
	1996	METRO HATCHBACK/ SEDAN, SWIFT	1.31.	TSK1.3V5GDFB	TIER1	PC	S	1	TWC	1	N/A	12520	N/A
6	1996	ESTEEM	1.6L	TSK1.6VHGFEB	TIER1	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
7	1996	X-90		TSK1.6VJGHHB	TIER1	PC	S	1	TWC	1	N/A	12520	N/A
8	1997	SIDEKICK & TRACKER		VSK1.61JGKHK	TIER1	LTD1	S	1	TWC	1	N/A	12520	N/A
9	1997	SIDEKICK SPORT	1.81.	VSK1.8116KHK	TIER1	LTD1	S	1	TWC	1	N/A	12520	N/A
10	1997	METRO	1.0L	VSK1.OV5G2EK	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
11	1997		1.3L	VSK1.3V5G3GK	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
12	1997	ESTEEM	1.6L	VSK1.6VHGFEB	TIER1	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
13	1997	X-90		VSK1.6VJGKHK	TIER1	PC	S	1	TWC	1	N/A	12520	N/A
14	1998	SIDEKICK & TRACKER	1.6L	WSKXT1.59CMC	TIER1	LTD1	S	1	TWC	1	N/A	12520	N/A
15	1998	SIDEKICK SPORT	1.8L	WSKXT1.84CHC	TIER1	LTD1	S	1	TWC	1	N/A	12520	N/A
16	1998	METRO	1.0L	WSKXV.993TNC	TLEV	PC	S	2	WUTWC/TWC	1 Front	N/A	12520	N/A
17	1998	SWIFT & METRO	1.3	WSKXV1.30LNA	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
18	1998	ESTEEM	1.6L	WSKXV1.59TNS	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
19	1998	X-90		WSKXV1.6CMC	TIER1	PC	S	1	TWC	1	N/A	12520	N/A
20	1999	GRAND VITARA	2.5L	XSKXT2.49LHA	LEV	LTD1	D/Y	3	2WUTWC/TWC	2 Front	12520	12540	N/A
21	1999	VITARA, TRACKER 2 DOOR	1.6L	XSKXT1.59LMA	LEV	LTD1	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
22	1999	VITARA, TRACKER 2&4DOOR	2.0L	X5KXT2.00LMA	LEV	LTD1	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
23	1999	METRO HATCHBACK	1.0L	XSKXV.993TNC	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A

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Valina, Inc.'s Series 12500 for Suzuki PC/LDT1 Application													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Univ. Fr	Univ. Rear	Direct Fit
24	1999	SWIFT HATCHBACK & SEDAN, METRO HATCHBACK & SEDAN	1.3L	XSKXV1.30LNA	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
25	1999	ESTEEM SEDAN,WAGON	1.6L	XSKXV1.59TNS	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
26	1999	ESTEEM SEDAN,WAGON	1.8L	XSKXV1.84LHS	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
27	2000	ESTEEM SEDAN,WAGON		YSKXV1.84LHS		PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
28	2000	ESTEEM SEDAN,WAGON	1.6L	YSKXV1.59TNS	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
29	2000	SWIFT HATCH BACK, CHEVROLETMETRO HATCHBACK & SEDAN	1.3L	YSKXV1.30LNA	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
30	2000	CHEVROLET METRO HATCH BACK	1.0L	YSKXV.993TNC	TLEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
31	2000	GRAND VITARA	2.5L	YSKXT2.49LHA	LEV	LTD1	D/Y	3	2WUTWC/TWC	2 Front	12520	12540	N/A
32	2000	VITARA 2 & 4 DOOR, TRACKER 2&4 DOOR	2.0L	YSKXT2.00LMA	LEV	LTD1	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
33	2000	VITARA 2 DOOR, TRACKER 2DOOR	1.6L	YSKXT1.59LMA	LEV	LTD1	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
34	2001	GRAND VITARA, TRACKER ZR2,LT	2.5L	1SKXT2.49LC1	LEV	LTD1	D/Y	3	2WUTWC/TWC	2 Front	12520	12540	N/A
35	2001	ESTEEM	1.6L &1.8L	1SKXT2.00LC4	LEV	LTD1	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
	2001	VITARA,TRACKER,	1.6L										N/A
	2001		2.0L										N/A
36	2001	SWIFT, CHEVROLET METRO	1.3L	1SKXV1.30LB1	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A

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Valina, Inc.'s Series 12500 for Suzuki PC/LTD1 Application													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Univ. Fr	Univ. Rear	Direct Fit
37	2002	ESTEEM	1.6L & 1.8L	2SKXX2.00LC4	LEV	PC	S	2	WUTWC/TWC	1 Front	12520	12520	N/A
		AERIO	2.0L			12520					12520	N/A	
		VITARA, TRACKER, TRACKER ZR2	2.0L			12520					12520	N/A	
38		GRAND VITARA, TRACKER LT, ZR2	2.5L	2SKXT2.49LC1		LTD1	D/Y	3	2WUTWC/TWC	1	12520	12540	N/A
39		AERIO, AERIO SX	2.0L	2SKXX2.00LC4		PC	S	2	WUTWC/TWC	1	12520	12520	N/A

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Valina, Inc.'s Series 12500 for Toyota PC/LDT1 Application																
NO	Model Year	Vehicle Model	Engine size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Universal	Direct Fit				
1	1998	Corolla	1.8	WTYXV01.8DXB	TLEV	PC	S	TWC	1	1	12520	N/A				
2		Tercel	1.5	WTYXV01.5BBA		PC					12520					
		Paseo				PC					12520					
		Paseo Convertible				PC					12520					
3	Tercel	1.5			XTYXV01.5BBA	TIER 1	PC	S	TWC	1	1		12520			
4	Paseo		PC	12520												
	Paseo Convertible		PC	12520												
5	1999	Camry	3.0	XTYXV03.0BBA	TIER 1	PC	S	TWC	1	1	12530					
		Solara			PC	12530										
6	2000	Corolla	1.8	XTYXV01.8DXB	TLEV	PC	S	TWC	1	1	12520					
7		Tacoma 2WD	3.4	XTYXT03.4BBH	TIER 1	LDT-1					S		TWC	1	1	12530
8		Tacoma 4WD	2.7	XTYXT02.7DXJ	TLEV	LDT-1										12530
9	2000	Echo	1.5	YTYXV01.5FFA	LEV	PC	S	TWC	1	1	12521					
10		Camry	3.0	YTYXV03.0BBA	TIER 1	PC					S		TWC	1	1	12530
11		Solara			PC	12530										
12		Celica	1.8	YTYXV01.8DDB	TLEV	PC					S	TWC	1	1	12520	
13	Celica	YTYXV01.8DDC		PC	12520											
14	2001	Corolla	1.8	YTYXV01.8FFA	LEV	PC	S	TWC	1	1	12520					
15		Echo	1.5	1TYXV01.5FFA	LEV	PC					S	TWC	1	1	12521	
16		Celica	1.8	1TYXV01.8DDB	TLEV	PC					S	TWC	1	1	12520	
ADDITIONAL VEHICLES # 1																
16	1995	Paseo	1.5L	STY1.5VHGFEK	Tier 1	PC	S	TWC	1	1	12520					
17		Corolla	1.6L	STY1.6VHG1GA				TWC (2)	2	2	12520					
18		Corolla, Corolla Wagon	1.8L	STY1.8VJG1GA				TWC	1	1	12520					
19		Celica	2.2L	STY1.8VHGFEA				TLEV	LDT1	S	TWC	1	1	12520		
20		MR2		STY2.2VJG1GA	TWC (2)	2								2	12520	
21		Camry		STY2.2VJG2GA	12530											
22		Tacoma		STY2.41HG1GK	12520											
23		Truck	2.4L	STY2.417G1GA	Tier 1	LDT1		S	TWC	1	1	12520				
24		Truck	STY2.417G1HA	12520												
25		T100	2.7L	STY2.71HGEEK								12530				
26		Tacoma 4WD	STY2.71HG1GK	12530												
27		Camry, ES 300, Avalon	3.0L	STY3.0VJGFEK	PC	12530										
28		T100	3.4L	STY3.41JG1GK	LDT1	12520										
29		Tacoma	STY3.41JGFEK	TWC	1	1		12520								

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Valina, Inc.'s Series 12500 for Toyota PC/LDT1 Application															
NO	Model Year	Vehicle Model	Engine size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Universal	Direct Fit			
30	1996	Tercel, Paseo	1.5L	TTY1.5VHGFEK	Tier 1	PC	S	TWC	1	1	12520	N/A			
31		Corolla, Corolla Wagon Celica	1.6, 1.8L	TTY1.8VJG1GK							12520				
32		Celica	1.8L	TTY1.8VHGFEK							12520				
33		RAV4 4WD	2.0L	TTY2.0IJG2GK	TLEV	LDT1		TWC(2)	2	2	12520				
34		Camry, Celica, Celica Convertible	2.2L	TTY2.2VJG2GK	Tier 1			TWC	1	1	12530				
35		Tacoma 2WD	2.4L	TTY2.4IHGKEK		12530									
36		Tacoma 4WD, 4- Runner 2WD	2.7L	TTY2.7IHGKEK		12530									
37		Camry, Camry Wagon	3.0L	TTY3.0VJG1GK		12530									
38		Avalon, ES300		12530											
39		Supra, SC300, GS300		TTY3.0VJGKEK		TWC (2)		2	2	12520					
40		T100 PU 2WD	3.4L	TTY3.4IJG1GK		TWC		1	1	12530					
41	Tacoma 2WD, 4WD	TTY3.4IJGFEK		TWC		1	1	12530							
42	1997	Tercel, Paseo, Paseo Convertible	1.5L	VTY1.5VJGKEK	Tier 1	PC	TWC	1	1	12520	N/A				
43		Celica, Corolla	1.6/1.8L	VTY1.8VJGKEK	TLEV	LDT1	TWC (2)	2	2	12520					
44		RAV4 2WD, 4WD	2.0L	VTY2.0IJG2GK						12520					
45		Camry	2.2L	VTY2.2VJG3GK	LEV	PC	TWC	1	1	12520					
46		Celica, Celica Convertible		VTY2.2VJG2GK	TLEV					12520					
47		Tacoma 2WD		2.4L	VTY2.4IHGKEK					Tier 1		LDT1	TWC	1	1
48		T100 PU 2WD	2.7L	VTY2.7IHGKEK	12530										
49		Tacoma 4WD, 4- Runner 2WD	VTY2.7IJGKEK	12520											
50		Camry, ES 300, Avalon	3.0L	VTY3.0VJGKFK	PC	S	TWC (2)	2	2	12520					
51		SC300, GS300, Supra		VTY3.0VJGKEK						12520					
52	1998	Celica, Celica Convertible	2.2L	WTYXT02.2DXD	TLEV	LDT1	TWC	1	1	12520	N/A				
53		Tacoma 2WD	2.4L	WTYXT02.4BBH	Tier 1					12530					
54		4 Runner, Tacoma 4WD, T100 2WD	2.7L	WTYXT02.7BBH						12530					
55		Camry	3.0L	WTYXV03.0BBA						12520					
55		T100 PU 2WD	3.4L	WTYXT03.4BBH	PC					S		TWC (2)	2	2	12520
56		Tacoma 2WD		WTYXV04.0DBB											12530
57	1999	Celica, Celica Convertible	2.2L	XTYXT02.2DXD	Tier 1	LDT1	S	TWC (2)	2	2	12520	N/A			
58		Tacoma 2WD	2.4L	XTYXT02.4BBH							12530				
59		4 Runner, Tacoma 4WD, T100 2WD	2.7L	XTYXT02.7BBH							TLEV				
60		Tacoma 4WD	2.7L	XTYXT02.7DXJ	Tier 1	TWC		1	1	12520					
61		Tacoma 2WD	3.4L	XTYXT03.4BBH	LEV	PC		TWC (2)	2	2	12520				
62		SC400, LS400, GS400	4.0L	XTYXV04.0DBA											

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Valina, Inc.'s Series 12500 for Toyota PC/LDT1 Application													
NO	Model Year	Vehicle Model	Engine size	Engine Family	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Universal	Direct Fit	
63	2000	Echo	1.5L	YTXV01.5FFA	LEV	PC	S	TWC	1	1	12521	N/A	
64		Camry	3.0L	YTYXV03.0BBA	Tier 1						12530		
		Solara									12530		
65			Celica	1.8L	YTYXV01.8DDB						TLEV		12520
66			Celica		YTYXV01.8DDC								12520
67			Corolla	1.8L	YTYXV01.8FFA						LEV		
68	2001	Echo	1.5L	1TYXV01.5FFA	LEV	PC	S	TWC	1	1	12521	N/A	
69			Celica	1.8L	1TYXV01.8DDB						TLEV		12520
70			Celica	1.8L	1TYXV01.8DDC								12520
71			Solara	1.8L	1TYXV01.8DDC								12520
		Camry	3.0L	1TYXV03.0BBA	Tier 1	PC	S	TWC	1	1	12530		
						PC	S	TWC	1	1	12530		
72	2002	Echo	1.5L	2TYXV01.8FFA	LEV	PC	S	TWC	1	1	12521	N/A	
		Corolla		2TYXV01.8DDB	TLEV	PC	S	TWC	1	1	12520		
73			Celica	1.8L	2TYXV01.8DDB	TLEV	PC	S	TWC	1	1		12520
74				1.8L	2TYXV01.8DDC	TLEV	PC	S	TWC	1	1		12520
75			Corolla	1.8L	2TYXV01.8FFC	LEV	PC	S	TWC	1	1		12520
76			Solara	3.0L	2TYXV03.0BBC	Tier 1	PC	S	TWC	1	1		12520
77	2003	Echo	1.5L	3TYXV01.5FFA	LEV	PC	S	TWC	1	1	12520	N/A	
78			Prisma	1.5L	3TYXV01.5LH1	LEV	PC	S	TWC	1	1		12520
79			celica	1.8L	3TYXV01.8FFB	LEV	PC	S	TWC	1	1		12520
80			Pontiac Vibe	1.8L	3TYXV01.8DDC	TLEV	PC	S	TWC	1	1		12520
81			Pontiac Vibe	1.8L	3TYXV01.8FFD	LEV	PC	S	TWC	1	1		12520
82			Rav 4	2.0L	3TYXT02.0FFH	LEV	LDT1	S	TWC	1	1		12520
83			Tacoma 2WD	2.7L	3TYXT02.7FFH	LEV	LDT1	S	TWC (2)	2	2		12530
84			Avalon	3.0L	3TYXT03.0FFD	LEV	PC	S	TWC	1	1		12530
85			Camry	3.0L	3TYXT03.0HHA	LEV	PC	S	TWC (2)	2	2		12530
86			Lexus RX 300	3.0L	3TYXT03.0FFE	LEV	LDT1	S	TWC (2)	2	2		12530
87			Lexus GS 300/GS430	3.0L	3TYXT03.0FFF	LEV	PC	S	TWC (2)	2	2		12530
88			Tacoma 2WD	3.4L	3TYXT03.4FFH	LEV	LDT1	S	TWC (2)	2	2		12530
89			Tundra 4WD	3.4L	3TYXT03.0FFP	LEV	LDT1	S	TWC	1	1		12520
90			4 Runner	4.0L	3TYXT04.0FFP	LEV	LDT1	S	TWC (2)	2	2		12520
91		Land Cruiser	4.7L	3TYXT04.7FBV	LEV	LDT1	S	TWC (2)	2	2	12520		
92		Lexus GS 470	4.7L	3TYXT04.7FFP	LEV	LDT1	S	TWC (2)	2	2	12530		
93	2004	MR2	1.8 L	4TYXV01.8VMD	LEV	PC	D/Y	2WUTWC/TWC	3	2	12520	N/A	
94		Avalon	3.0 L	4TYXV03.0VMD									
95		GS 300		4TYXV03.0VMD									
		IS 300		4TYXV03.0VMD									
ADDITIONAL VEHICLES # 2													
96	2004	Toyota	2.4L	4TYXT02.7VMH	LEV	LDT1	S	TWC (2)	2	2	12530	N/A	
97			2.7L	4TYXT03.4VRH	LEV	LDT1	S	TWC (2)	2	2	12530		