

**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

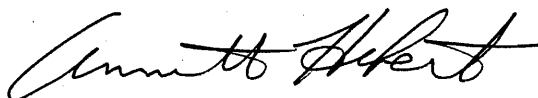
third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.

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	TCR122VJG1EK												
5	TCR122VJG2EK		TLEV										
6	Cirrus, Stratus, Breeze, Sebring		2.4 L	TCR148VJG1EK	TIER1	LDT1						12530	N/A
7	Cherokee		2.5 L	TCR15018G1EK			N/A						
8	Dakota			N/A									
9	Sebring, Cirrus, Stratus		2.5 L	TCR152VJG1EK		PC	12530					N/A	
10	Neon		2.0 L	TCR2.0VJGFEL		LDT1	12540					N/A	
11	Cherokee		4.0 L	TCR24218G1EK	N/A								
12	1997		Neon	2.0 L	VCR122VJG1EK	TIER1	PC					12530	N/A
13			Stratus, Breeze		VCR122VJG1EL							12540	N/A
14			Neon		VCR122VJG2EK							TLEV	12530
15			Sebring, Cirrus, Stratus, Breeze	2.4 L	VCR148VJG1EK		LDT1					12540	N/A
16			Cherokee	2.5 L	VCR15018G1EK							N/A	
17			Dakota		N/A								
18			Wrangler	VCR15018G1EL	12530	N/A							
19			Cirrus, Sebring, Stratus	2.5 L	VCR152VJG1EK	PC	N/A						
20			Cherokee	4.0 L	VCR24218G1EK	LDT1	12540					N/A	
21			Dakota	2.5 L	WCRXT0150110							N/A	
22	Wrangler		N/A										
23	1998		Breeze, Stratus	2.0 L	WCRXV0122V30	LEV	PC					12540	N/A
24			Neon		WCRXV0148V20	TLEV						12531	N/A
25			Sebring, Breeze, Cirrus, Stratus	2.4 L	WCRXV0152V20	12530						N/A	
26			Sebring, Cirrus, Stratus	2.5 L	WCRXV02.0VB0	TIER1						12540	N/A
27			Neon	WCRXV02.0VB1	12530							N/A	
28			Breeze, Stratus	WCRXV02.0VB2	12540							N/A	
29	Neon		2.0 L	XCRXV0122V30	LEV	12530						N/A	
30	Breeze, Stratus			Neon	12540	N/A							
31	Breeze, Cirrus, Sebring, Stratus	2.4 L		XCRXV0148V30	TLEV	12531		N/A					
32	Stratus, Cirrus, Sebring Conv	2.5 L	XCRXV0152V20	12530		N/A							
33	1999	Neon	2.0 L	XCRXV02.0VB0	TIER1	12540		N/A					
34		Stratus, Breeze		XCRXV02.0VB1		12530		N/A					

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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	2000				YCRXV0122V30	LEV							N/A		
33			Breeze, Stratus		YCRXV0122V31								12530	N/A	
34			Breeze, Cirrus, Stratus	2.4 L	YCRXV0148V30								12531	N/A	
35			Stratus, Cirrus, Sebring Conv	2.5 L	YCRXV0152V20	TLEV									
36			Breeze, Stratus	2.0 L	YCRXV02.0VB1	TIER1									
37			Neon		1CRXV02.0VD0								12540	N/A	
38	2001		Pt Cruiser	24 L	1CRXV02.4VDO	LEV								12543	N/A
			Sebring; Stratus											N/A	
39	2002		Neon	2.0 L	2CRXV02.0VDO									12540	N/A
				2CRXV02.0VD1											
41			Pt Cruiser	2.4 L	2CRXV02.4VDO									12543	N/A
40			Sebring; Stratus											12530	N/A
42	2003		Neon	2.0 L	3CRXV02.0VDO									12543	N/A
43			Pt Cruiser	2.4 L	3CRXV02.4VDO									12530	N/A
			Sebring, Stratus												
			Neon											12543	N/A
44			Pt Cruiser											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	
			Town Car									12530	12530	
			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	
			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/LDT1 Application													
No.	Model	Make	Vehicle Model	Engine	Engine Family	Weight	Cert.	Exhaust	Total	Conv.	Monitor	Universal	Universal
	year			Size			Lev.	Type	Conv.	type		F	R
24	1997	Ford	Mustang	3.8L	VFM3.8V8G1EK	PC	Tier1	D	4	2WUTWC,2TWC	4	12520	12520
25			Mustang Coupe/Conv.	4.6L	VFM4.6V8G1FK	PC	Tier1	D	6	2TWC(3)	6	12530	12530
26			Mustang GT	4.6L	VFM4.6VIGKEK	PC	Tier1	D	6	2TWC(3)	6	12530	12530
27			Thunderbird	4.6L	VFM4.6V8G1FK	PC	Tier1	D	6	2TWC(3)	6	12530	12530
28			Cougar										
			Crown Victoria	4.6L	VFM4.6V8G2EL	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530
			Town Car										
			Grand Marquis										
29	1998	Ford	Taurus, Taurus Wag.	3.0L	WFMXV03.0PAA	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530
			Sable, Sable Wag.										
			Engine code "S"										
30		Ford	Mustang	3.8L	WFMXV03.8ABA	PC	TLEV	D	4	2WUTWC,2TWC	4	12520	12520
31			Taurus	3.4L	WFMXV03.4BAA	PC	Tier1	D/Y	3	2TWC,TWC	2	12530	12530
32			Mustang	4.6L	WFMXV04.6DAA	PC	Tier1	D	6	2TWC(3)	6	12530	12530
33			Mustang GT	4.6L	WFMXV04.6DAB	PC	TLEV	D	6	2TWC(3)	6	12530	12530
34			Crown Victoria	4.6L	WFMXV04.6AAA	PC	LEV	D	4	2WUTWC,2TWC	2	12530	12530
			Town Car										
			Grand Marquis										
35	1999	Mercury	Sable Sedan	3.0L	XFMXV03.0VBZ	PC	Tier1	D	2	2TWC	2	12530	N/A
			Sable Station Wag.										
			Taurus										
36		Mercury	Sable Sedan	3.0L	XFMXV03.0VGC	PC	Tier 1	D	2	2TWC	2	12530	N/A
			Sable Station Wag.										
			Taurus Sedan										
			Taurus Station Wag.										
37			Taurus Sedan	3.4L	XFMXV03.4VBC	PC	Tier1	D/Y	3	2TWC,TWC	2	12530	12530
38			Mustang	3.8L	XFMXV03.8VGC	PC	LEV	D	4	2WUTWC,2TWC	4	12520	12520
39			Mustang Cobra	4.6L	XFMXV04.6VB4	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530
40			Mustang GT	4.6L	XFMXV04.6VDN	PC	TLEV	D	4	2WUTWC,2TWC	4	12530	12530
41			Continental	4.6L	XFMXV04.6VDP	PC	TLEV	Y	3	2WUTWC,TWC	2	12530	12530
42			Crown Victoria	4.6L	XFMXV04.6VGS	PC	LEV	D	4	2WUTWC,2TWC	2	12530	12530
			Town Car										
			Grand Marquis										
43	2000	Ford	Taurus	3.0L	XFMXV03.0VFA	PC	LEV	D/Y	3	2TWC,TWC	2	12530	12530
44		Lincoln	LS	3.0L	XFMXV03.0VD2	PC	TLEV	D	2	2TWC	2	12520	N/A
45				3.0L	XFMXV03.0VF2	PC	LEV	D	2	2TWC	2	12520	N/A
46		Ford	Mustang	3.8L	VFMXV03.8VFS	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	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
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	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
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					D	4	2TWC,(2)	4			
		Mercury	Grand Marquis					PC	TLEV	D	2			
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	
			Escort ZX2	2.0L	3FMXT02.0VF6	PC	LEV	S	2	TWC(2)	2	12530	12530	
				2.0L	3FMXT02.0VF3	PC	LEV	S	1	TWC	1	12530	N/A	
73			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											
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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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								
			Chevy											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			Century	3.1L	TGM3.1V8GFEK	PC	Tier1	S	1	TWC	1	12520								
		Regal																		
	Oldsmobile	Skylark																		
Chevy	Beretta,Corsica	3.1L	TGM3.1V8GFEK	PC	Tier1	S	1	TWC	1	12520										
	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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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		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		Buick	Park Avenue Ultra, Riviera	3.8L	TGM3.8V8GFFK	PC	Tier1	S	1	TWC	1	12540										
		Pontiac	Bonneville SSE																			
12		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																			
			S10 P/up 2WD,Sonoma 2WD																			
14		Isuzu	Hombre P/Up 2WD,3625Lbs	2.2L	VGM2.218G1EK	LDT1	Tier1	S	1	TWC	1	12530										
15		Chevy	Cavalier, Sunfire											2.2L	VGM2.2V8G1EK	PC	Tier1	S	1	TWC	1	12520
			Cavalier, Sunfire											2.2L	VGM2.2V8G2EK	PC	TLEV	S	1	TWC	1	12520
			Cavalier, Sunfire	2.4L	VGM2.4VJG2EK																	
16		Oldsmobile	Achieva																			
18			Buick	Century	3.1L	VGM3.18G1EK	PC	Tier1	S	1	TWC	1		12530								
		Skylark		12520																		
		Chevy	Lumina	12530																		
	Malibu		12530																			
	Monte Carlo		12530																			
	Oldsmobile	Achieva	12520																			
		Cutlass	12530																			
		Cutlass Supreme	12530																			
	Pontiac	Grand Am	12520																			
		Grand Prix	12530																			
19	Chevy	Lumina, Monte Carlo	3.4L	VGM3.4VJG1EK	PC	Tier1	S	1	TWC	1	12520											
	Oldsmobile	Cutlass Supreme									12530											
20	Chevy	Camaro	3.8L	VGM3.8V8GKEK	PC	Tier1	S	1	TWC	1	12530											

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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
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	
		Cadilac	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										
		Oldsmobile	Cutlass										
34		Chevy	Lumina, Monte Carlo, Malibue	3.1L	WGMXV03.1043	PC	Tier1	S	1	TWC	1	12530	
		Pontiac	Grand Prix										
		Oldsmobile	Cutlass										
		Buick	Century										
35				3.8L	WGMXV03.1048	PC	Tier1	S	1	TWC	1	12530	
			LeSable										
			Park Avenue Ultra										
			Park Avenue										
			Regal LS										
		Chevy	Lumina										
			Monte Carlo										
		Oldsmobile	Delta 88 Royal										
			Intrigue										
			Regency										
		Pontiac	Bonneville SE										
			Bonneville SSE										
		Pontiac	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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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	WGMXV04.6066	PC	Tier1	S	1	TWC	1	12530	N/A
		Cadillac	SEVILLE	4.6L									
		Cadillac	Eldorado, Deville										
39	1999	Chevy	SL Sedan, SW Wagon	1.9L	XGMXV01.9002	PC	TLEV	S	1	TWC	1	12530	
			SC Coupe										
40			S10 P/up, Sonoma	2.2L	WGMXT02.2122	LDT1	TLEV	S	1	TWC	1	12530	
		Isuzu	Hombre P/UP 2WD										
41		Chevy	Cavalier, Sunfire	2.2L	XGMXV02.2022	PC	TLEV	S	1	TWC	1	12530	
42			Cavalier, Sunfire	2.2L	XGMXV02.2023	PC	LEV	S	1	TWC	1	12530	
43		Oldsmobile	Alero	2.4L	XGMXV02-4025	PC	TLEV	S	1	TWC	1	12530	
			Cutlas										N/A
		Pontiac	Grand Am										
44		Chevy	Cavalier, Sunfire, Malibu	2.4L	XGMXV02-4027	PC	LEV	S	1	TWC	1	12530	
		Oldsmobile	Cutlass, Grand AM										
		Oldsmobile	Alero										
45		Chevy	Malibu	3.1L	XGMXV03.1043	PC	LEV	S	1	TWC	1	12530	N/A
		Oldsmobile	Cutlass										
46		Chevy	Lumina	3.4L	XGMXV034042	PC	TLEV	S	1	TWC	1	12530	
			Monte Carlo										
		Oldsmobile	Alero										
		Pontiac	Grand Am SE										
			Grand Am GT										
			Grand Prix										
		Buick	Century										
47		Oldsmobile	Intrigue	3.5L	XGMXV03.5064	PC	TLEV	S	1	TWC	1	12530	N/A
48		Buick	LeSabre	3.8L	XGMXV03.8048	PC	TLEV	S	1	TWC	1	12530	
			Park Avenue										
			Park Avenue Ultra										
			Regal GS										
			Regal LS										
		Chevy	Camaro, Lumina										
			Monte Carlo										

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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	
48	1999	Oldsmobile	Delta 88 Royal										N/A	
			Intrigue											
			Regency											
			LSS											
		Pontiac	Bonneville SE											
			Bonneville SSE											
			Grand Prix,Firebird											
49		Buick	Park Avenue, Regal, Lesabre	3.8L	XGMXV03.8049	PC	TLEV	S	1	TWC	1	12530		
		Chevy	Camaro, Lumina											
			Monte Carlo											
		Pontiac	Bonneville											
			Firebird, Grand Prix											
		Oldsmobile	Eighty,Intrigue, Ragency											
		Buick	Regal											
50		Chevy	Camaro	3.8L	XGMXV03.8051	PC	TLEV	S	1	TWC	1	12530		
		Pontiac	Firebird											
51		Oldsmobile	Intrigue,88/Ragency	3.8L	XGMXV03.8052	PC	Tier1	S	1	TWC	1	12530		
			88/Ragency											
			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		
		Cadilac	Eldorado,Deville	4.6L										
				SEVILLE,Limosine Heares										12530
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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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)										
56		Pontiac	Saturn LS, LW, Sunfire	2.2L	YGMXXV02.4022	PC	LEV	S	1	TWC	1	12530	
		Chevy	Cavalier, Malibu										
		Oldsmobile	Alero, Malibu										
		Pontiac	Grand Am	2.4L									
		Chevy	Sunfire										
		Oldsmobile	Cavalier										
		Oldsmobile	Alero, Malibu										
		Pontiac	Grand Am										
57		Oldsmobile	Aurora, Intrigue	3.5L	YGMXXV03.5064	PC	LEV	S	1	TWC	1	12530	
58		Buick	Park Avenue	3.8L	YGMXXV03.8045	PC	LEV	S	1	TWC	1	12530	
			Regal										
		Pontiac	Bonneville SSE										
			Grand Prix										
59		Buick	Lesabre	3.8L	YGMXXV03.8043	PC	Tier1	S	1	TWC	1	12530	
			Park Avenue										
			Regal										
		Chevy	Impala										
			Camaro										
			Monte Carlo										
		Pontiac	Bonneville SE										
			Firebird, Trans Am										
			Grand Prix										
60		Cadillac	Seville, Eldorado, Deville	4.6L	YGMXXV04.6065	PC	Tier1	S	1	TWC	1	12530	
61		Oldsmobile	Aurora	4.0L	YGMXXV04.6066	PC	LEV	S	1	TWC	1	12530	
		Cadillac	Seville, Deville, Limousine, Funeral Coach, Hearse	4.6L									
62	2001	Saab	9-3, 9-3 Conv, 9-5, 9-5 Wagon	2.0L, 2.3L	1GMMXV02.3001	PC	LEV	S	1	TWC	1	12530	
63		Chevy	S10 P/up 2wd	2.2L	1GMMXT02.2122							12530	
		GMC	Sonoma 2WD										
		Isuzu	Hombre P/UP 2WD										
64		Chevy	Cavalier	2.2L	1GMMXT02.2024	PC	TLEV	S	1	TWC	1	12530	

N/A

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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	
64	2001	Pontiac	Sunfire	2.0L,2.4L	1GMXTO2.4022	PC	TLEV	S	1	TWC	1	12530	N/A	
65		Saturn	L100/200(Manual Transm. Only)											
		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											
			Pontiac	Firebird, Trans Am	3.8L									
			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										4.6L
		Heares, Limousine												
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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No.	Model year	Make	Vehicle Model	Engine Size	Engine Family	Weight Class	Cert. Lev.	Exhaust Type	Total Conv.	Conv. type	Monitord	Universal	Direct Fit	
76	2002	Pontiac	Grand Prix	3.1L	2GMXV03.8043	PC	LEV	S	1	TWC	1	12530	N/A	
		Buick	Century	3.4L										
		Chevy	Malibu											
		Chevy	Impala, Monte Carlo											
		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
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		
79			9-3 Spoert Sedan	2.0L, 2.3L	3GMXV02.3001	PC	LEV	S	1	TWC	1	12530		
80			9-5, 9-5Wagon	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, 9-5Wagon	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		Cadilac	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	WJCXV04.0AN1	TIER1	PC	D	2TWC	2	2	12530	12530	N/A
6	1998	XJR	4.0L	WJCXV04.0AS3	TIER1	PC	D	2TWC	2	2	12530	12530	N/A
7	1999	XK8 CONVERTIBLE & COUPE, XJ8, XJ8L, VANDEN PLAS	4.0L	XJCXV04.0BN4	TLEV	PC	D	2TWC	2	2	12530	12530	N/A
8	1998	KJR, VANDEN PLAS	4.0L	XJCXV04.0AS3	TIER1	PC	D	2TWC	2	2	12530	12530	N/A
9	2000	S TYPE	4.0L	YJCXV04.0CN5	TLEV	PC	D	2TWC	2	2	12530	12530	N/A
10	2000	S TYPE	3.0L	YJCXV03.0CN6	TLEV	PC	D	2TWC	2	2	12530	12530	N/A
11	2000	X18, XJ8L, VANDEN PLAS, XK8 COUPE & CONVERTIBLE	4.0L	YJCXV04.0BN4	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	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	TKM2.0JG1EK	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	VKM2.0JG1EK	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	TIER1	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	12521	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	12521	N/A							
12	1999			XTKXV02.5VB2	12521	N/A							
13	1999			XTKXV02.5VB4	12520	N/A							
14	2000			YTKXV02.5VB4	12520	N/A							
15	2001			Tribute M/T	2.0 L	1TKXT02.0CJA	LDT1		N/A				
16				MX-5 Miata	1.8 L	1TKXV01.8CJA	PC		N/A				
17	2002			Tribute	2.0 L	2TKXT02.0CJA	LDT1		N/A				
18				MX-5 Miata	1.8 L	2TKXV01.8CJA	PC		N/A				
19				Tribute	2.0 L	3TKXV02.0CJA	LDT1		N/A				
20	2003			MX-5 Miata	1.8 L	3TKXV01.8CJA	PC		N/A				
21				Mazda 6	2.3 L	3TKXV02.3CJM	LDT1		N/A				
22				Tribute	2.0 L	4TKXT02.0AJA	LDT1		N/A				
23	2004			MX-5 Miata	1.8 L	4TKXV01.8AJA	PC		N/A				
24				Mazda 6	2.3 L	4TKXV02.3AJA	PC		N/A				

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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											
			C36 AMG	3.6L								12530	N/A											
4			S420	4.2L	TMB5.0VJGFEK			S	TWC	1	1		N/A											
			S500, SL500	5.0L					TWC	1			N/A											
5			S600	6.0L	TMB6.0VJGFEK			D	2TWC	2	2		2	N/A										
			SL600											N/A										
6	1997		C 230	2.3L	VMB2.3VJGKEK	TLEV		TIER1	S	TWC	1	1	12520	N/A										
7			E 320	3.2L	VMB3.2VJGKEK	VMB3.6VJGKEK							D	2TWC	2	2	12540	N/A						
8			C280	2.8L	S 320				3.2L	12520	N/A													
			SL 320	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	C230	2.3L	WMBXV02.3GNU		TLEV	S	TWC	1	1	12540	N/A										
12				SLK230		WMBXV02.3GSU		TIER1					12520	N/A										
13	1998		S320	3.2L	WMBXV03.2GNU	TIER1		D	2WUTWC/2TWC	4	2	12530	N/A											
14			C43 AMG	4.3L	WMBXVO4.3GNB	LEV							N/A											
			E430																					
15			S420	4.2L	WMBXV05.0GNB	TLEV								N/A										
			S500, CL500, SL500	5.0L																				
16			S600, CL600	6.0L	WMBXV06.0GNU	TIER1									N/A									
	SL600																							
17	SLK 230		2.3L	XMBXV02.3GSU	TLEV	12520		N/A																
	C230																							
18	S320		3.2L	XMBXV03.2GNU	TIER1				S	TWC	1	1	12540	N/A										
19	E430		4.3L	XMBXV05.0GNB	LEV											D	2WUTWC/2TWC	4	2	12520	N/A			
	C43AMG, CLK430																							
	SL500																							
20	S600, CL600		6.0L	XMBXV06.0GNU	TIER1	2WUTWC/2TWC		4							2							2	12540	N/A
	SL600																							
21	C 230		2.3L	YMBXV02.3GSU	TLEV				YMBXV03.2GNB	LEV														
22	C 280		2.8L	YMBXV05.0GNB	TIER1																			
	CLK320		3.2L																					
23	S430, E430		4.3L								YMBXV06.0GNU	TIER1												
	SL500, S500		5.0L																					
24	SL 600		6.0L			YMBXV06.0GNU		TIER1																

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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
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		EAGLE SUMMIT WAG.	2.4L	TMT2.4VJG2EK	TLEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
		MITSUBISHI EXPO											N/A
		MITSUBISHI GALANT											N/A
		EAGLE SUMMIT WAGON, MITSUBISHI EXPO											N/A
3		EAGLE SUMMIT WAGON, MITSUBISHI EXPO	2.4L	TMT2.4VJG2FK	TLEV	PC	S	WUTWC/TWC	2	1 FRONTS	12520	12520	N/A
		MITSUBISHI GALANT											N/A
		EAGLE SUMMIT WAGON, MITSUBISHI EXPO											N/A
		MITSUBISHI DIAMANTE											N/A
4		EAGLE SUMMIT WAGON, MITSUBISHI EXPO	2.4L	TMT2.4VJGKEK	TIER1	PC	S	TWC	1	1	N/A	12530	N/A
		MITSUBISHI DIAMANTE											N/A
		DODGE STEALTH											N/A
		MITSUBISHI 3000GT, SPYDER, DIAMANTE											N/A
5	EAGLE SUMMIT WAGON, MITSUBISHI EXPO	3.0L	TMT3.OV8GFEK	TIER1	PC	S	2WUTWC/ TWC	3	2 FRONTS	12520	12530	N/A	
	MITSUBISHI DIAMANTE											N/A	
	DODGE STEALTH											N/A	
	MITSUBISHI 3000GT, SPYDER, DIAMANTE											N/A	
6	EAGLE SUMMIT WAGON, MITSUBISHI EXPO	3.0L	TMT3.OVJGFEK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A	
	MITSUBISHI DIAMANTE											N/A	
	DODGE STEALTH											N/A	
	MITSUBISHI 3000GT, SPYDER, DIAMANTE											N/A	
7	EAGLE SUMMIT WAGON, MITSUBISHI EXPO	3.0L	TMT3.OVJGFEK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A	
	MITSUBISHI DIAMANTE											N/A	
	DODGE STEALTH											N/A	
	MITSUBISHI 3000GT, SPYDER, DIAMANTE											N/A	
8	EAGLE SUMMIT WAGON, MITSUBISHI EXPO	3.0L	TMT3.OVJGFEK	TIER1	PC	D/Y	2WUTWC/ TWC	3	2 FRONTS	12520	12520	N/A	
	MITSUBISHI DIAMANTE											N/A	
	DODGE STEALTH											N/A	
	MITSUBISHI 3000GT, SPYDER, DIAMANTE											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	4MTXV02.4GBB	LEV	PC	S	'TWC	1	ALL	N/A	12520	N/A
39	2004	MITSUBISHI LANCER EVOLUTION	2.0L	4MTXV02.0GBB	LEV	PC	S	'TWC	1	ALL	N/A	12540	N/A
40	2004	MITSUBISHI OUTLANDER	2.4L	4MTXT02.4GBB	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		SNS2.0VJGFFK							12521	N/A	
4	240 SX		2.4L	SNS2.4VJGFFK		12530						N/A		
5	1996		200 SX	1.6L	TNS1.6VJG2EK	TLEV						12531	N/A	
			Sentra										N/A	
6			200 SX	2.0L	TNS2.0VJGFEK	TIER1							LDT1	N/A
			Sentra											
7			G20	TNS2.0VJGFFK	12521							N/A		
8			Pickup	TNS2.41JG1EK	12540		N/A							
9			240 SX	TNS2.4VJG1GK	12530		N/A							
10			Pickup	VNS2.41JGKEK	12540		N/A							
11	240 SX		VNS2.4VJGKFK	12530	N/A									
12	1998		200 SX	2.0L	WNSXV02.0A2A		TIER1					PC		12531
			Sentra										N/A	
13	240SX		2.4L	WNSXV02.4A3B		12530	N/A							
14	1999		200 SX	2.0L	XNSXV02.0A2A	TIER1						12531	N/A	
			G20, Sentra									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	TSK1.0V5G2EK	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	TSK1.6VHGDEB	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	VSK1.0V5G2EK	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	VSK1.6VHGFEK	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/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
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	Certication 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	1999	Tercel	1.5	XTYXV01.5BBA	TIER 1	PC	S	TWC	1	1	12520		
		Paseo				PC					12520		
		Paseo Convertible				PC					12520		
4		Camry	3.0	XTYXV03.0BBA	TIER 1	PC	S	TWC	1	1	12530		
		Solara				PC					12530		
5		Corolla	1.8	XTYXV01.8DXB	TLEV	PC	S	TWC	1	1	12520		
6		Tacoma 2WD	3.4	XTYXT03.4BBH	TIER 1	LDT-1	S	TWC	1	1	12530		
7		Tacoma 4WD	2.7	XTYXT02.7DXJ	TLEV	LDT-1					12530		
8		2000	Echo	1.5	YTYXV01.5FFA	LEV	PC	S	TWC	1	1		12521
9			Camry	3.0	YTYXV03.0BBA	TIER 1	PC	S	TWC	1	1		12530
	Solara		12530										
10	Celica		1.8	YTYXV01.8DDB	TLEV	PC	S	TWC	1	1	12520		
11	Celica			YTYXV01.8DDC		PC					12520		
12	Corolla			1.8		YTYXV01.8FFA					LEV		PC
13	2001		Echo	1.5	1TYXV01.5FFA	LEV	PC	S	TWC	1	1		12521
14		Celica	1.8	1TYXV01.8DDB	TLEV	PC	S	TWC	1	1	12520		
15		Celica	1.8	1TYXV01.8DDC	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	N/A	
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	TWC (2)	2	2		12520
20		MR2		STY2.2VJG1GA	12520								
21		Camry		STY2.2VJG2GA	12530								
22		Tacoma		STY2.41HG1GK	12520								
23		Truck	2.4L	STY2.417G1GA	Tier 1	LDT1		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	LDT1	PC		TWC	1	1	12520		
28		T100	3.4L	STY3.41JG1GK		12520							
29		Tacoma		STY3.41JGFEK		12520							

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Valina, Inc.'s Series 12500 for Toyota PC/LDT1 Application																
NO	Model Year	Vehicle Model	Engine size	Engine Family	Certication 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	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		TTY3.0VJGKEK				TWC (2)	2	2	12520					
39		Supra, SC300, GS300									12520					
40		T100 PU 2WD	3.4L	TTY3.4IJG1GK				TWC	1	1	12530					
41		Tacoma 2WD, 4WD		TTY3.4IJGFEK							12530					
42	1997	Tercel, Paseo, Paseo Convertible	1.5L	VTY1.5VJGKEK	Tier 1	PC	S	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					12520					
46		Celica, Celica Convertible		VTY2.2VJG2GK	TLEV	TWC		1	1	12520						
47		Tacoma 2WD		VTY2.4IHGKEK	Tier 1					LDT1					12530	
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		TWC (2)	2	2	12520					
51		SC300, GS300, Supra		VTY3.0VJGKEK							12520					
52	1998	Celica, Celica Convertible	2.2L	WTYXT02.2DXD	TLEV	LDT1	S	TWC (2)	2	2	12520					
53		Tacoma 2WD	2.4L	WTYXT02.4BBH	Tier 1			TWC	1	1	12530					
54		4 Runner, Tacoma 4WD, T100 2WD	2.7L	WTYXT02.7BBH							12530					
55		Camary	3.0L	WTYXV03.0BBA							12520					
56		T100 PU 2WD	3.4L	WTYXT03.4BBH							12520					
57		Tacoma 2WD		WTYXT03.4BBH							12530					
58	1999	LS400, GS400	4.0L	WTYXV04.0DBB	Tier 1	PC		TWC (2)	2	2	12520	N/A				
59		Celica, Celica Convertible	2.2L	XTYXT02.2DXD		LDT1	S	TWC (2)	2	2	12520					
60		Tacoma 2WD	2.4L	XTYXT02.4BBH							12530					
61		4 Runner, Tacoma 4WD, T100 2WD	2.7L	XTYXT02.7BBH							12530					
62		Tacoma 4WD	2.7L	XTYXT02.7DXJ	TLEV	TWC	1	1	12520							
63	Tacoma 2WD	3.4L	XTYXT03.4BBH	Tier 1	12520											
64		SC400, LS400, GS400	4.0L	XTYXV04.0DBA	LEV	PC		TWC (2)	2	2	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									
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						12520										
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	1TYXV03.0BBA	Tier 1	PC	S	TWC	1	1	12530										
		Camry	3.0L			PC	S	TWC	1	1	12530										
72	2002	Echo	1.5L	2TYXV01.8FFA	LEV	PC	S	TWC	1	1	12521										
		Corolla				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		Echo	1.5L	3TYXV01.5FFA	LEV	PC	S	TWC	1	1	12520										
78		Prisma	1.5L	3TYXV01.5LH1	LEV	PC	S	TWC	1	1	12520										
79	2003	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								
94			Avalon	3.0 L	4TYXV03.0VMC																
95	GS 300		4TYXV03.0VMD																		
	IS 300																				
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										