

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-562-46

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

Valina, Inc. (d.b.a. CarTex)
"Series 107000/101000 Three-way Catalytic Converters"

WHEREAS, Vehicle Code Sections 27156 and 38395, and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(h), authorize the California Air Resources Board and its Executive Officer to exempt new aftermarket catalytic converters from the prohibitions of Vehicle Code Section 27156 and 38391.

WHEREAS, Valina, Inc. (Valina) of 4560 Worth Street, Los Angeles, California 90063, 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 107000/101000 three-way catalytic converters (TWC) on selected 1995 through 2005 model year light-duty trucks 2 equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-46 and incorporated herein. Series 107000/101000 TWCs will be used for single or dual exhaust systems with multiple catalytic converters (two or more units in each exhaust bank). Series 107000 will be used as the front TWC and Series 101000 as the rear TWC. The catalytic converters may be sold as a universal or direct fit system. Series 107000/101000 TWCs were previously exempted for this application as Series 12700/12100 TWCs.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converters comply with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Umicore Automotive Catalysts USA using the Air Resources Board-modified RAT-A bench-aging cycle for 100 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters" as adopted on October 25, 2007.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Valina, Inc. using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-562-46 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-562-9, it was determined that the installation of Series 107000/101000 TWCs on the vehicles listed in Appendix D-562-46 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s Series 107000/101000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391

for installation on the approved vehicle applications specified in Appendix D-562-46 subject to the following conditions:

1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
2. Marketing of the catalytic converters using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converters for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of these products shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converters as individual devices.
3. Any oral or written references to this Executive Order or its content by Valina, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converters and is only a finding that the catalytic converters are exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Valina, Inc.'s installation instructions for the new catalytic converters must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converters shall not cause the relocation of an oxygen sensor. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converters must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Valina, Inc. and its vendors may not advertise the new aftermarket catalytic converters as "high flow or easy flow" catalytic converters 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, Inc., its associates, vendors, other businesses and individuals associated with Valina, Inc. may not sell or supply new aftermarket catalytic converter substrates to a

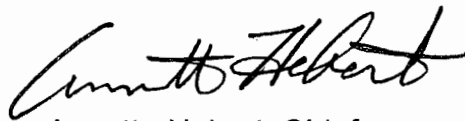
third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.

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, 2010 and January 1 through June 30, 2010, 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 specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Orders D-562-17 dated January 15, 2009, D-562-27 dated March 19, 2009, D-562-28 dated February 24, 2009, and D-562-29 dated February 27, 2009 are 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 14 day of April 2011.



Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1	1996	Acura	SLX	3.2	TSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
2	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
3	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
4	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
5	2000	BMW	X5	4.4	YBMT04.4E53	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
6	1998	Chevrolet	Blazer	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
7	1998	Chevrolet	Blazer	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
8	1998	Chevrolet	S10	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
9	1998	Chevrolet	S10	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
10	1999	Chevrolet	Blazer	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	107030	ALL
11	1999	Chevrolet	Blazer	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
12	1999	Chevrolet	Blazer	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
13	1999	Chevrolet	Blazer	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
14	1999	Chevrolet	S10	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
15	1999	Chevrolet	S10	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
16	1999	Chevrolet	S10	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
17	1999	Chevrolet	S10	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
18	2002	Chevrolet	Astro	4.3	2GMXT04.3188	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
19	2002	Chevrolet	Astro	4.3	2GMXT04.3188	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
20	2002	Chevrolet	S10	4.3	2GMXT04.3187	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
21	2002	Chevrolet	S10	4.3	2GMXT04.3187	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
22	2000	Dodge	Dakota	4.7	YCRXT0287232	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	107040	ALL
23	2000	Dodge	Dakota	4.7	YCRXT0287232	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	107040	ALL
24	2001	Dodge	Dakota	4.7	1CRXT04.72D2	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	F	UNIVERSAL	107040	ALL
25	2001	Dodge	Dakota	4.7	1CRXT04.72D2	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	101040	ALL
26	2001	Dodge	Dakota	5.9	1CRXT05.92D1	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	F	UNIVERSAL	107040	ALL
27	2001	Dodge	Dakota	5.9	1CRXT05.92D1	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	101040	ALL
28	2003	Dodge	Dakota	3.9	3CRXT03.92D0	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	107040	ALL
29	2003	Dodge	Dakota	3.9	3CRXT03.92D0	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	101040	ALL
30	2003	Dodge	Dakota	4.7	3CRXT04.72D1	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	F	UNIVERSAL	107040	ALL
31	2003	Dodge	Dakota	4.7	3CRXT04.72D1	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	101040	ALL
32	1996	Ford	Aerostar	3	TFM3.028G1GK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
33	1996	Ford	Aerostar	3	TFM3.028G1GK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101020	ALL
34	1996	Ford	Ranger	3	TFM3.028G1FK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
35	1996	Ford	Ranger	3	TFM3.028G1FK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
36	1996	Ford	Ranger	4	TFM4.028G1EK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
37	1996	Ford	Ranger	4	TFM4.028G1EK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
38	1996	Ford	Windstar	3	TFM3.028G1EK	TIER1	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
39	1996	Ford	Windstar	3.8	TFM3.828G1EK	TIER1	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
40	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
41	1997	Ford	F-150	4.2	VFM4.228G1EK	TIER1	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
42	1997	Ford	F-150	4.2	VFM4.228G1EK	TIER1	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
43	1997	Ford	F-150	4.6	VFM4.628G1EK	TIER1	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107040	ALL
44	1997	Ford	F-150	4.6	VFM4.628G1EK	TIER1	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
45	1997	Ford	Ranger	4	VFM4.028G1EK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
46	1997	Ford	Ranger	4	VFM4.028G2EK	TLEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
47	1997	Ford	Ranger	4	VFM4.028G1EK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
48	1997	Ford	Ranger	4	VFM4.028G2EK	TLEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
49	1997	Ford	Windstar	3	VFM3.028G1EK	TIER1	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
50	1998	Ford	Explorer	4	WEMXT04.02DC	TLEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
51	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
52	1998	Ford	Explorer	4	WFMXT04.02DC	TLEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
53	1998	Ford	Explorer	4	WFMXT04.0CAA	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
54	1998	Ford	Explorer	4	WFMXT04.02DC	TLEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
55	1998	Ford	Explorer	4	WFMXT04.0CAA	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
56	1998	Ford	Explorer	5	WFMXT05.02DC	TLEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
57	1998	Ford	Explorer	5	WFMXT05.02DC	TLEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
58	1998	Ford	F-150	4.2	WFMXT04.2AAA	TIER1	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
59	1998	Ford	F-150	4.2	WFMXT04.2AAA	TIER1	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
60	1998	Ford	Ranger	3	WFMXT03.0HAA	TLEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
61	1998	Ford	Ranger	3	WFMXT03.0HAA	TLEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
62	1998	Ford	Ranger	4	WFMXT04.0EAA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
63	1998	Ford	Ranger	4	WFMXT04.0DAA	TLEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
64	1998	Ford	Ranger	4	WFMXT04.0EAA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
65	1998	Ford	Ranger	4	WFMXT04.0DAA	TLEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
66	1998	Ford	Windstar	3	WFMXT03.0AAA	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
67	1998	Ford	Windstar	3	WFMXT03.0CAA	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
68	1998	Ford	Windstar	3.8	WFMXT03.8AAA	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
69	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
70	1999	Ford	Explorer	5	XFMXT05.02GF	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
71	1999	Ford	Explorer	5	XFMXT05.02GF	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
72	1999	Ford	F-150	4.2	XFMXT04.22GC	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
73	1999	Ford	F-150	4.2	XFMXT04.22GC	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
74	1999	Ford	Ranger	3	XFMXT03.02DC	TLEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
75	1999	Ford	Ranger	3	XFMXT03.02DC	TLEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
76	1999	Ford	Windstar	3	XFMXT03.02GC	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
77	2000	Ford	Explorer	4	YFMXT04.02F3	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
78	2000	Ford	Explorer	4	YFMXT04.02F4	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
79	2000	Ford	Explorer	4	YFMXT04.02F4	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
80	2000	Ford	Explorer	5	YFMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	2	F	UNIVERSAL	107030	ALL
81	2000	Ford	Explorer	5	YFMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	101030	ALL
82	2000	Ford	F-150	4.2	YFMXT04.22FC	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
83	2000	Ford	F-150	4.2	YFMXT04.22FC	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
84	2000	Ford	Ranger	3	YFMXT03.02D5	TLEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
85	2000	Ford	Ranger	3	YFMXT03.02D5	TLEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
86	2000	Ford	Ranger	4	YFMXT04.02DN	TLEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
87	2000	Ford	Ranger	4	YFMXT04.02F2	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
88	2000	Ford	Ranger	4	YFMXT04.02DN	TLEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
89	2000	Ford	Ranger	4	YFMXT04.02F2	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
90	2000	Ford	Windstar	3	YFMXT03.02F5	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
91	2001	Ford	Explorer Sport Trac	4	1FMXT04.02F6	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
92	2001	Ford	Explorer Sport Trac	4	1FMXT04.02F6	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
93	2001	Ford	Explorer Sport	4	1FMXT04.02F4	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
94	2001	Ford	Explorer Sport	4	1FMXT04.02F4	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
95	2001	Ford	Explorer	4	1FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
96	2001	Ford	Explorer	4	1FMXT04.02F6	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
97	2001	Ford	Explorer	4	1FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
98	2001	Ford	Explorer	4	1FMXT04.02F6	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
99	2001	Ford	Explorer	5	1FMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
100	2001	Ford	Explorer	5	1FMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
101	2001	Ford	F-150	4.2	1FMXT04.22F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
102	2001	Ford	F-150	4.2	1FMXT04.22F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
103	2001	Ford	F-150	5.4	1FMXT05.42F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
104	2001	Ford	F-150	5.4	1FMXT05.42F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
105	2001	Ford	Ranger	3	1FMXT03.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
106	2001	Ford	Ranger	3	1FMXT03.02F4	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
107	2001	Ford	Ranger	3	1FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
108	2001	Ford	Ranger	3	1FMXT03.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
109	2001	Ford	Ranger	3	1FMXT03.02F4	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
110	2001	Ford	Ranger	3	1FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
111	2001	Ford	Ranger	4	1FMXT04.02F7	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
112	2001	Ford	Ranger	4	1FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
113	2001	Ford	Ranger	4	1FMXT04.02F7	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
114	2001	Ford	Ranger	4	1FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
115	2002	Ford	Explorer Sport Trac	4	2FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
116	2002	Ford	Explorer Sport Trac	4	2FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
117	2002	Ford	Explorer	4	2FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
118	2002	Ford	Explorer	4	2FMXT04.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
119	2002	Ford	Explorer	4	2FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
120	2002	Ford	Explorer	4	2FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
121	2002	Ford	Explorer	4	2FMXT04.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
122	2002	Ford	Explorer	4	2FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
123	2002	Ford	Explorer	4.6	2FMXT04.62F5	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
124	2002	Ford	Explorer	4.6	2FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
125	2002	Ford	Explorer	4.6	2FMXT04.62F5	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
126	2002	Ford	Explorer	4.6	2FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
127	2002	Ford	F-150	5.4	2FMXT05.42F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
128	2002	Ford	F-150	5.4	2FMXT05.42F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
129	2002	Ford	Ranger	3	2FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
130	2002	Ford	Ranger	3	2FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
131	2002	Ford	Ranger	4	2FMXT04.02F3	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
132	2002	Ford	Ranger	4	2FMXT04.02F3	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
133	2003	Ford	Escape	3	3FMXT03.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107040	ALL
134	2003	Ford	Escape	3	3FMXT03.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
135	2003	Ford	Explorer Sport Trac	4	3FMXT04.02FA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
136	2003	Ford	Explorer Sport Trac	4	3FMXT04.02FA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
137	2003	Ford	Explorer	4	3FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
138	2003	Ford	Explorer	4	3FMXT04.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
139	2003	Ford	Explorer	4	3FMXT04.02FB	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
140	2003	Ford	Explorer	4	3FMXT04.02FC	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
141	2003	Ford	Explorer	4	3FMXT04.02F3	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
142	2003	Ford	Explorer	4	3FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
143	2003	Ford	Explorer	4	3FMXT04.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
144	2003	Ford	Explorer	4	3FMXT04.02FB	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
145	2003	Ford	Explorer	4	3FMXT04.02FC	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
146	2003	Ford	Explorer	4	3FMXT04.02F3	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
147	2003	Ford	Explorer	4.6	3FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
148	2003	Ford	Explorer	4.6	3FMXT04.62F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
149	2003	Ford	Explorer	4.6	3FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
150	2003	Ford	Explorer	4.6	3FMXT04.62F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
151	2003	Ford	Ranger	3	3FMXT03.02F5	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
152	2003	Ford	Ranger	3	3FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
153	2003	Ford	Ranger	3	3FMXT03.02F5	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
154	2003	Ford	Ranger	3	3FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
155	2003	Ford	Ranger	4	3FMXT04.02F3	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
156	2003	Ford	Ranger	4	3FMXT04.02FA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
157	2003	Ford	Ranger	4	3FMXT04.02F3	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
158	2003	Ford	Ranger	4	3FMXT04.02FA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
159	1998	GMC	Jimmy	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
160	1998	GMC	Jimmy	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
161	1998	GMC	Sonoma	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
162	1998	GMC	Sonoma	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
163	1999	GMC	Jimmy	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
164	1999	GMC	Jimmy	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
165	1999	GMC	Jimmy	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
166	1999	GMC	Jimmy	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
167	1999	GMC	Sonoma	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
168	1999	GMC	Sonoma	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
169	1999	GMC	Sonoma	4.3	XGMXT04.3184	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
170	1999	GMC	Sonoma	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
171	2002	GMC	Safari	4.3	2GMXT04.3188	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
172	2002	GMC	Safari	4.3	2GMXT04.3188	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
173	2002	GMC	Sonoma	4.3	2GMXT04.3187	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
174	2002	GMC	Sonoma	4.3	2GMXT04.3187	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
175	1996	Honda	Passport	3.2	TSZ3.22JGKG	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
176	1996	Honda	Passport	3.2	TSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
177	1997	Honda	Passport	3.2	VSZ3.221GKGK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
178	1998	Honda	Passport	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
179	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
180	1999	Honda	Passport	3.2	XSZXT03.221K	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
181	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
182	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
183	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
184	2002	Honda	Passport	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
185	2002	Honda	Passport	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
186	2000	Infiniti	QX4	3.3	YNSXT03.325A	TLEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
187	2000	Infiniti	QX4	3.3	YNSXT03.325A	TLEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
188	2001	Infiniti	QX4	3.5	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
189	2001	Infiniti	QX4	3.5	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
190	2002	Infiniti	QX4	3.5	2NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
191	2002	Infiniti	QX4	3.5	2NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
192	2003	Infiniti	FX35	3.5	3NSXT03.5C7B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
193	2003	Infiniti	FX35	3.5	3NSXT03.5C7B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
194	2003	Infiniti	FX45	4.5	3NSXT04.5C8A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
195	2003	Infiniti	FX45	4.5	3NSXT04.5C8A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
196	2004	Infiniti	FX35	3.5	4NSXT03.5N7B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
197	2004	Infiniti	FX45	4.5	4NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
198	2004	Infiniti	FX45	4.5	4NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
199	2005	Infiniti	FX45	4.5	5NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
200	2005	Infiniti	FX45	4.5	5NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
201	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
202	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
203	1996	Isuzu	Trooper	3.2	TSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
204	1997	Isuzu	Rodeo	3.2	VSZ3.221GKGK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
205	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
206	1998	Isuzu	Amigo	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
207	1998	Isuzu	Hombre	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
208	1998	Isuzu	Hombre	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
209	1998	Isuzu	Rodeo	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
210	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
211	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
212	1999	Isuzu	Amigo	3.2	XSZXT03.221K	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
213	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
214	1999	Isuzu	Rodeo	3.2	XSZXT03.221K	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
215	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
216	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
217	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
218	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
219	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
220	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
221	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
222	2000	Isuzu	Trooper	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
223	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
224	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
225	2001	Isuzu	Trooper	3.5	1SZXT03.5S1K	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
226	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107020	ALL
227	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
228	2002	Isuzu	Rodeo Sport	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
229	2002	Isuzu	Rodeo Sport	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
230	2002	Isuzu	Rodeo	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
231	2002	Isuzu	Rodeo	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
232	2002	Isuzu	Trooper	3.5	2SZXT03.521K	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
233	2003	Isuzu	Axiom	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
234	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
235	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
236	2003	Isuzu	Rodeo Sport	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
237	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
238	2003	Isuzu	Rodeo	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	U	UNIVERSAL	107030	ALL
239	1997	Jeep	Grand Cherokee	4	VCR24228G2JK	TLEV	LDT2	S	WU-OC,TWC	2	2	F	UNIVERSAL	107040	ALL
240	1997	Jeep	Grand Cherokee	4	VCR24228G2JK	TLEV	LDT2	S	WU-OC,TWC	2	2	R	UNIVERSAL	101040	ALL
241	1998	Jeep	Cherokee	4	WCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	F	UNIVERSAL	107040	ALL
242	1998	Jeep	Cherokee	4	WCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	R	UNIVERSAL	101040	ALL
243	1998	Jeep	Grand Cherokee	4	WCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	F	UNIVERSAL	107040	ALL
244	1998	Jeep	Grand Cherokee	4	WCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	R	UNIVERSAL	101040	ALL
245	1998	Jeep	Wrangler	4	WCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	F	UNIVERSAL	107030	ALL
246	1998	Jeep	Wrangler	4	WCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	R	UNIVERSAL	101030	ALL
247	1999	Jeep	Cherokee	4	XCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107040	ALL
248	1999	Jeep	Cherokee	4	XCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	F	UNIVERSAL	107040	ALL
249	1999	Jeep	Cherokee	4	XCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	101040	ALL
250	1999	Jeep	Cherokee	4	XCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	R	UNIVERSAL	101040	ALL
251	1999	Jeep	Grand Cherokee	4	XCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	F	UNIVERSAL	107040	ALL
252	1999	Jeep	Grand Cherokee	4	XCRXT0242220	TLEV	LDT2	S	WU-OC,TWC	2	2	R	UNIVERSAL	101040	ALL
253	2000	Jeep	Cherokee	4	YCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107040	ALL
254	2000	Jeep	Cherokee	4	YCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	101040	ALL
255	2000	Jeep	Grand Cherokee	4	YCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107030	ALL
256	2000	Jeep	Grand Cherokee	4	YCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	101030	ALL
257	2000	Jeep	Grand Cherokee	4.7	YCRXT0287231	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107030	ALL
258	2000	Jeep	Grand Cherokee	4.7	YCRXT0287231	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	101030	ALL
259	2000	Jeep	Wrangler	4	YCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107030	ALL
260	2000	Jeep	Wrangler	4	YCRXT0242230	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	101030	ALL
261	2001	Jeep	Grand Cherokee	4.7	1CRXT04.72D1	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107040	ALL
262	2001	Jeep	Grand Cherokee	4.7	1CRXT04.72D1	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	107040	ALL
263	2002	Jeep	Liberty	3.7	2CRXT03.72D0	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	F	UNIVERSAL	107030	ALL
264	2002	Jeep	Liberty	3.7	2CRXT03.72D0	LEV1 LEV	LDT2	DS	TWC, 2WU-OC	3	3	R	UNIVERSAL	101030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
265	2003	Jeep	Grand Cherokee	4.7	3CRXT04.72D0	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	F	UNIVERSAL	107040	ALL
266	2003	Jeep	Grand Cherokee	4.7	3CRXT04.72D0	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	101040	ALL
267	2003	Jeep	Wrangler	4	3CRXT04.02D2	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	F	UNIVERSAL	107030	ALL
268	2003	Jeep	Wrangler	4	3CRXT04.02D2	LEV1 LEV	LDT2	DS	TWC,2WU-OC	3	3	R	UNIVERSAL	101030	ALL
269	2002	Kia	Sedona	3.5	2KMXT03.5F01	LEV1 LEV	LDT2	S	WU-TWC(2),TWC	3	3	F	UNIVERSAL	107030	ALL
270	2002	Kia	Sedona	3.5	2KMXT03.5F01	LEV1 LEV	LDT2	S	WU-TWC(2),TWC	3	3	R	UNIVERSAL	101030	ALL
271	2003	Kia	Sedona	3.5	3KMXT03.5F02	LEV1 LEV	LDT2	S	WU-TWC(2),TWC	3	3	F	UNIVERSAL	107030	ALL
272	2003	Kia	Sedona	3.5	3KMXT03.5G01	LEV1 LEV	LDT2	S	WU-TWC(2),TWC	3	3	F	UNIVERSAL	107030	ALL
273	2003	Kia	Sedona	3.5	3KMXT03.5F02	LEV1 LEV	LDT2	S	WU-TWC(2),TWC	3	3	R	UNIVERSAL	101030	ALL
274	2003	Kia	Sedona	3.5	3KMXT03.5G01	LEV1 LEV	LDT2	S	WU-TWC(2),TWC	3	3	R	UNIVERSAL	101030	ALL
275	2003	Lexus	GX470	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107060	ALL
276	2003	Lexus	GX470	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101060	ALL
277	2004	Lexus	GX470	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107060	ALL
278	2004	Lexus	GX470	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101060	ALL
279	1996	Mazda	B3000	3	TFM3.028G1FK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
280	1996	Mazda	B3000	3	TFM3.028G1FK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
281	1996	Mazda	MPV	3	TTK3.02JGKEK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
282	1996	Mazda	MPV	3	TTK3.02JGKEK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
283	1997	Mazda	MPV	3	VTK3.02JG2EK	TLEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
284	1997	Mazda	MPV	3	VTK3.02JGKEK	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
285	1997	Mazda	MPV	3	VTK3.02JG2EK	TLEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101020	ALL
286	1997	Mazda	MPV	3	VTK3.02JGKEK	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101020	ALL
287	1998	Mazda	B3000	3	WFMXT03.0HAA	TLEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
288	1998	Mazda	B3000	3	WFMXT03.0HAA	TLEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
289	1998	Mazda	B3000	4	WFMXT04.0EAA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
290	1998	Mazda	B3000	4	WFMXT04.0EAA	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
291	1998	Mazda	B4000	4	WFMXT04.0DAA	TLEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
292	1998	Mazda	B4000	4	WFMXT04.0DAA	TLEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
293	1998	Mazda	MPV	3	WTKXT03.02B2	TIER1	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
294	1998	Mazda	MPV	3	WTKXT03.02DM	TLEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
295	1998	Mazda	MPV	3	WTKXT03.02B2	TIER1	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
296	1998	Mazda	MPV	3	WTKXT03.02DM	TLEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
297	1999	Mazda	B3000	3	XFMXT03.02DC	TLEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
298	1999	Mazda	B3000	3	XFMXT03.02DC	TLEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
299	1999	Mazda	B3000	4	XFMXT04.02DN	TLEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
300	1999	Mazda	B3000	4	XFMXT04.02GC	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
301	1999	Mazda	B3000	4	XFMXT04.02DN	TLEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
302	1999	Mazda	B3000	4	XFMXT04.02GC	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
303	2000	Mazda	B4000	4	YFMXT04.02F2	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
304	2000	Mazda	B4000	4	YFMXT04.02DN	TLEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107040	ALL
305	2000	Mazda	B4000	4	YFMXT04.02F2	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
306	2000	Mazda	B4000	4	YFMXT04.02DN	TLEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101040	ALL
307	2001	Mazda	B3000	3	1FMXT03.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
308	2001	Mazda	B3000	3	1FMXT03.02F4	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
309	2001	Mazda	B3000	3	1FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
310	2001	Mazda	B3000	3	1FMXT03.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
311	2001	Mazda	B3000	3	1FMXT03.02F6	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
312	2001	Mazda	B3000	3	1FMXT03.02F4	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
313	2001	Mazda	B4000	4	1FMXT04.02F7	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
314	2001	Mazda	B4000	4	1FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	F	UNIVERSAL	107030	ALL
315	2001	Mazda	B4000	4	1FMXT04.02F7	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
316	2001	Mazda	B4000	4	1FMXT04.02F5	LEV1 LEV	LDT2	D	2TWC,TWC(2)	4	4	R	UNIVERSAL	101030	ALL
317	2001	Mazda	MPV	2.5	1TKXT02.5CMB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
318	2001	Mazda	MPV	2.5	1TKXT02.5CMA	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
319	2001	Mazda	MPV	2.5	1TKXT02.5CMB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
320	2001	Mazda	MPV	2.5	1TKXT02.5CMA	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
321	2003	Mazda	B3000	3	3FMXT03.02F5	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	F	UNIVERSAL	107030	ALL
322	2003	Mazda	B3000	3	3FMXT03.02F5	LEV1 LEV	LDT2	DS	2TWC,TWC,TWC(2)	5	4	R	UNIVERSAL	101030	ALL
323	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	4	F	UNIVERSAL	107040	ALL
324	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	4	F	DIRECT FIT	107102	ALL
325	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	4	R	UNIVERSAL	101040	ALL
326	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	4	R	DIRECT FIT	101102	ALL
327	2003	Mazda	Tribute	3	3TKXT03.0FLD	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
328	2003	Mazda	Tribute	3	3TKXT03.0FLD	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
329	1997	Mercury	Villager	3	VFM3.028G1HK	TIER1	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
330	1997	Mercury	Villager	3	VFM3.028G1HK	TIER1	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
331	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
332	1998	Mercury	Mountaineer	5	WFMXT05.02DC	TLEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
333	1998	Mercury	Mountaineer	5	WFMXT05.02DC	TLEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
334	1998	Mercury	Villager	3	WFMXT03.014A	TIER1	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
335	1998	Mercury	Villager	3	WFMXT03.014A	TIER1	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
336	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
337	1999	Mercury	Mountaineer	5	XFMXT05.02GF	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
338	1999	Mercury	Mountaineer	5	XFMXT05.02GF	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
339	2000	Mercury	Mountaineer	4	YFMXT04.02F3	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107030	ALL
340	2000	Mercury	Mountaineer	4	YFMXT04.02F4	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
341	2000	Mercury	Mountaineer	4	YFMXT04.02F4	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
342	2000	Mercury	Mountaineer	5	YFMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	2	F	UNIVERSAL	107030	ALL
343	2000	Mercury	Mountaineer	5	YFMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	101030	ALL
344	2000	Mercury	Villager	3.3	YFMXT03.3358	LEV1 LEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
345	2000	Mercury	Villager	3.3	YFMXT03.3358	LEV1 LEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
346	2001	Mercury	Mountaineer	5	1FMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	F	UNIVERSAL	107030	ALL
347	2001	Mercury	Mountaineer	5	1FMXT05.02F5	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
348	2001	Mercury	Villager	3.3	1FMXT03.3C9A	LEV1 LEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
349	2001	Mercury	Villager	3.3	1FMXT03.3C9A	LEV1 LEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
350	2002	Mercury	Mountaineer	4	2FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
351	2002	Mercury	Mountaineer	4	2FMXT04.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
352	2002	Mercury	Mountaineer	4	2FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
353	2002	Mercury	Mountaineer	4	2FMXT04.02F8	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
354	2002	Mercury	Mountaineer	4.6	2FMXT04.62F5	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
355	2002	Mercury	Mountaineer	4.6	2FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
356	2002	Mercury	Mountaineer	4.6	2FMXT04.62F5	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
357	2002	Mercury	Mountaineer	4.6	2FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
358	2002	Mercury	Villager	3.3	2FMXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	2	F	UNIVERSAL	107030	ALL
359	2002	Mercury	Villager	3.3	2FMXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	2	R	UNIVERSAL	101030	ALL
360	2003	Mercury	Mountaineer	4	3FMXT04.02FC	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
361	2003	Mercury	Mountaineer	4	3FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107040	ALL
362	2003	Mercury	Mountaineer	4	3FMXT04.02FC	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
363	2003	Mercury	Mountaineer	4	3FMXT04.02F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
364	2003	Mercury	Mountaineer	4.6	3FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
365	2003	Mercury	Mountaineer	4.6	3FMXT04.62F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107040	ALL
366	2003	Mercury	Mountaineer	4.6	3FMXT04.62F6	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
367	2003	Mercury	Mountaineer	4.6	3FMXT04.62F7	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
368	1996	Mitsubishi	Montero	3	TMT3.02JG2EK	TLEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
369	1996	Mitsubishi	Montero	3	TMT3.02JG2EK	TLEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
370	1997	Mitsubishi	Montero Sport	2.4	VMT2.42JG2EK	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
371	1997	Mitsubishi	Montero Sport	2.4	VMT2.42JG2EK	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
372	1997	Mitsubishi	Montero Sport	3	VMT3.02JG2EK	TLEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
373	1997	Mitsubishi	Montero Sport	3	VMT3.02JG2EK	TLEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
374	1997	Mitsubishi	Montero	3.5	VMT3.52JG2EK	TLEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
375	1997	Mitsubishi	Montero	3.5	VMT3.52JG2EK	TLEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
376	1999	Mitsubishi	Montero Sport	2.4	XMTXT02.4G1G	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107030	ALL
377	1999	Mitsubishi	Montero Sport	2.4	XMTXT02.4G1G	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101030	ALL
378	1999	Mitsubishi	Montero Sport	3	XMTXT03.0G2G	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
379	1999	Mitsubishi	Montero Sport	3	XMTXT03.0G2G	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
380	1999	Mitsubishi	Montero	3.5	XMTXT03.5G2G	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
381	1999	Mitsubishi	Montero	3.5	XMTXT03.5G2G	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
382	2000	Mitsubishi	Montero	3	YMTXT03.0GNG	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
383	2000	Mitsubishi	Montero	3	YMTXT03.0GNG	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
384	2000	Mitsubishi	Montero	3.5	YMTXT03.5GNG	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
385	2000	Mitsubishi	Montero	3.5	YMTXT03.5GNG	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
386	2001	Mitsubishi	Montero Sport	3	1MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
387	2001	Mitsubishi	Montero Sport	3	1MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
388	2001	Mitsubishi	Montero Sport	3.5	1MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
389	2001	Mitsubishi	Montero Sport	3.5	1MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
390	2002	Mitsubishi	Montero Sport	3.5	2MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
391	2002	Mitsubishi	Montero Sport	3.5	2MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
392	2002	Mitsubishi	Montero	3	2MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
393	2002	Mitsubishi	Montero	3	2MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
394	2003	Mitsubishi	Montero Sport	3.5	3MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
395	2003	Mitsubishi	Montero Sport	3.5	3MTXT03.5GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
396	2003	Mitsubishi	Montero	3.8	3MTXT03.8GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
397	2003	Mitsubishi	Montero	3.8	3MTXT03.8GNS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
398	2004	Mitsubishi	Montero Sport	3.5	4MTXT03.5GAB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
399	2004	Mitsubishi	Montero Sport	3.5	4MTXT03.5GAB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
400	2004	Mitsubishi	Montero	3.8	4MTXT03.8GAB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
401	2004	Mitsubishi	Montero	3.8	4MTXT03.8GAB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
402	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FL	DIRECT FIT	107106	ALL
403	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
404	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	2WD
405	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
406	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RL	DIRECT FIT	101106	ALL
407	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RR	DIRECT FIT	101105	ALL
408	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FL	DIRECT FIT	107106	ALL
409	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
410	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	2WD
411	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
412	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RL	DIRECT FIT	101106	ALL
413	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RR	DIRECT FIT	101105	ALL
414	2003	Nissan	Frontier	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FL	DIRECT FIT	107106	ALL
415	2003	Nissan	Frontier	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
416	2003	Nissan	Frontier	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	2WD
417	2003	Nissan	Frontier	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
418	2003	Nissan	Frontier	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RL	DIRECT FIT	101106	ALL
419	2003	Nissan	Frontier	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RR	DIRECT FIT	101105	ALL
420	2003	Nissan	Murano	3.5	3NSXT03.5C7B	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107060	ALL
421	2003	Nissan	Murano	3.5	3NSXT03.5C7B	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
422	2003	Nissan	Murano	3.5	3NSXT03.5C7B	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101060	ALL
423	2003	Nissan	Xterra	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FL	DIRECT FIT	107106	ALL
424	2003	Nissan	Xterra	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
425	2003	Nissan	Xterra	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	2WD
426	2003	Nissan	Xterra	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
427	2003	Nissan	Xterra	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RL	DIRECT FIT	101106	ALL
428	2003	Nissan	Xterra	3.3	3NSXT03.36CA	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RR	DIRECT FIT	101105	ALL
429	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FL	DIRECT FIT	107106	ALL
430	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
431	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
432	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	2WD
433	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
434	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RL	DIRECT FIT	101106	ALL
435	2004	Nissan	Frontier	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RR	DIRECT FIT	101105	ALL
436	2004	Nissan	Xterra	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FL	DIRECT FIT	107106	ALL
437	2004	Nissan	Xterra	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	FR	DIRECT FIT	107105	ALL
438	2004	Nissan	Xterra	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	2WD
439	2004	Nissan	Xterra	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
440	2004	Nissan	Xterra	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL

Appendix D-562-46

Valina 107000/101000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
441	2004	Nissan	Xterra	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RL	DIRECT FIT	101106	ALL
442	2004	Nissan	Xterra	3.3	4NSXT03.3M5B	LEV1 LEV	LDT2	D	2TWC(2)	4	4	RR	DIRECT FIT	101105	ALL
443	1998	Oldsmobile	Bravada	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
444	1998	Oldsmobile	Bravada	4.3	WGMXT04.3185	TLEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
445	1999	Oldsmobile	Bravada	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	F	UNIVERSAL	107040	ALL
446	1999	Oldsmobile	Bravada	4.3	XGMXT04.3185	LEV1 LEV	LDT2	S	WU-TWC,TWC	2	2	R	UNIVERSAL	101040	ALL
447	2002	Saturn	Vue	3	2GMXT03.0162	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107040	ALL
448	2002	Saturn	Vue	3	2GMXT03.0162	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
449	2003	Saturn	Vue	3	3GMXT03.0162	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
450	2003	Saturn	Vue	3	3GMXT03.0162	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
451	2004	Subaru	Baja	2.5	4FJXT02.5PGT	LEV1 LEV	LDT2	S	TWC(3)	3	3	F	UNIVERSAL	107030	ALL
452	2004	Subaru	Baja	2.5	4FJXT02.5PGT	LEV1 LEV	LDT2	S	TWC(3)	3	3	R	UNIVERSAL	101030	ALL
453	2001	Suzuki	Vitara	2.7	1SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
454	2001	Suzuki	Vitara	2.7	1SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
455	2002	Suzuki	Vitara	2.7	2SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	F	UNIVERSAL	107030	ALL
456	2002	Suzuki	Vitara	2.7	2SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	101030	ALL
457	1998	Toyota	4Runner	3.4	WTYXT03.4DBP	TLEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107060	ALL
458	1998	Toyota	Tacoma	3.4	WTYXT03.4DBP	TLEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	107060	ALL
459	2003	Toyota	4Runner	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107060	ALL
460	2003	Toyota	4Runner	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101060	ALL
461	2004	Toyota	4Runner	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107060	ALL
462	2004	Toyota	4Runner	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101060	ALL
463	2004	Toyota	Highlander	2.4	4TYXT02.4VMM	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	F	UNIVERSAL	107060	ALL
464	2004	Toyota	Highlander	2.4	4TYXT02.4VMM	LEV1 LEV	LDT2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101060	ALL