

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-562-47

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

Valina, Inc. (d.b.a. CarTex)
"Series 12600 Three-way Catalytic Converters"

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

WHEREAS, Valina, Inc. (Valina) of 4560 Worth Street, Los Angeles, California 90069, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Sections 27156 and 38391 to market its new aftermarket Series 12600 three-way catalytic converters (TWC) on selected 1996 through 2005 model year medium-duty vehicles equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-47 and incorporated herein. Series 12600 TWCs will be used for single or dual parallel (one unit in each exhaust bank) catalytic converter applications, and may be sold as a universal or direct fit 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 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 converter 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-562-47 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-562-2, it was determined that the installation of Series 12600 TWC on the vehicles listed in Appendix D-562-47 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s Series 12600 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-47 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.
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-562-16 dated December 31, 2009, D-562-34 dated April 23, 2009 and D-562-35 dated July 7, 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 13 day of December 2010.



Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-562-47
Valina 12600

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
1	1997	Chevrolet	C1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
2	1997	Chevrolet	C1500	5	VGM5.4HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
3	1997	Chevrolet	Express 1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
4	1997	Chevrolet	Express 1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
5	1997	Chevrolet	Express 1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
6	1997	Chevrolet	Express 2500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
7	1997	Chevrolet	Express 2500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
8	1997	Chevrolet	Express 2500	5.0	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
9	1997	Chevrolet	K1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
10	1997	Chevrolet	K1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
11	1997	Chevrolet	K1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
12	1997	Chevrolet	K2500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
13	1998	Chevrolet	C1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
14	1998	Chevrolet	Express 1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
15	1999	Chevrolet	Astro	4.3	XGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
16	1999	Chevrolet	C1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
17	1999	Chevrolet	Express 1500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
18	1999	Chevrolet	Express 1500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
19	1999	Chevrolet	Express 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
20	1999	Chevrolet	Express 1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
21	1999	Chevrolet	Express 2500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
22	1999	Chevrolet	Express 2500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
23	1999	Chevrolet	Express 2500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
24	1999	Chevrolet	K1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
25	1999	Chevrolet	K1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
26	2002	Chevrolet	Express 1500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
27	2002	Chevrolet	Express 2500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	2WD
28	2002	Chevrolet	Trailblazer	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	ALL
29	2003	Chevrolet	Express 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
30	2003	Chevrolet	Express 2500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
31	2003	Chevrolet	Silverado 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
32	2003	Chevrolet	Silverado 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
33	2003	Chevrolet	Trailblazer	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	4WD
34	1996	Dodge	B1500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
35	1996	Dodge	B1500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
36	1996	Dodge	B1500	5.9	TCR360J8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
37	1996	Dodge	B2500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
38	1996	Dodge	B2500	5.2	TCR360J8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
39	1996	Dodge	B2500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
40	1996	Dodge	B2500	5.9	TCR360J8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
41	1996	Dodge	B3500	5.2	TCR360J8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
42	1996	Dodge	B3500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
43	1996	Dodge	Dakota	3.9	TCR23928G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
44	1996	Dodge	Dakota	5.2	TCR31828G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL

Appendix D-562-47
Valina 12600

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	1996	Dodge	Ram 1500 Truck	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
46	1996	Dodge	Ram 1500 Truck	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
47	1996	Dodge	Ram 1500 Truck	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
48	1996	Dodge	Ram 2500 Truck	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
49	1996	Dodge	Ram 2500 Truck	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
50	1996	Dodge	Ram 2500 Truck	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
51	1996	Dodge	Ram 2500 Truck	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
52	1996	Dodge	Ram 3500 Truck	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
53	1996	Dodge	Ram 3500 Truck	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
54	1997	Dodge	B1500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
55	1997	Dodge	B1500	5.2	VCR360J8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
56	1997	Dodge	B1500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
57	1997	Dodge	B2500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
58	1997	Dodge	B2500	5.2	VCR360J8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
59	1997	Dodge	B2500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
60	1997	Dodge	B3500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
61	1997	Dodge	B3500	5.2	VCR360J8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
62	1997	Dodge	B3500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
63	1997	Dodge	Dakota	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12633	ALL
64	1997	Dodge	Dakota	5.2	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12633	ALL
65	1997	Dodge	Dakota	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
66	1997	Dodge	Ram 1500 Truck	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12633	ALL
67	1997	Dodge	Ram 1500 Truck	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
68	1997	Dodge	Ram 1500 Truck	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
69	1997	Dodge	Ram 1500 Truck	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
70	1997	Dodge	Ram 1500 Truck	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
71	1997	Dodge	Ram 1500 Truck	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12650	ALL
72	1997	Dodge	Ram 1500 Van	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12633	ALL
73	1997	Dodge	Ram 2500 Truck	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
74	1997	Dodge	Ram 2500 Truck	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
75	1997	Dodge	Ram 2500 Truck	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
76	1997	Dodge	Ram 2500 Truck	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
77	1997	Dodge	Ram 2500 Truck	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
78	1997	Dodge	Ram 3500 Truck	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
79	1997	Dodge	Ram 3500 Truck	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
80	1998	Dodge	B1500	5.2	WCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
81	1998	Dodge	B1500	5.2	WCRXA0360J31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
82	1998	Dodge	B1500	5.9	WCRXA0360J31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
83	1998	Dodge	B2500	5.2	WCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
84	1998	Dodge	B2500	5.2	WCRXA0360J31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
85	1998	Dodge	B2500	5.9	WCRXA0360J31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
86	1998	Dodge	B3500	5.2	WCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
87	1998	Dodge	B3500	5.2	WCRXA0360J31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
88	1998	Dodge	B3500	5.9	WCRXA0360J31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL

Appendix D-562-47
Valina 12600

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	1998	Dodge	Dakota	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
90	1998	Dodge	Dakota	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
91	1998	Dodge	Durango	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
92	1998	Dodge	Ram 1500 Truck	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
93	1998	Dodge	Ram 1500 Truck	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
94	1998	Dodge	Ram 1500 Truck	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
95	1998	Dodge	Ram 2500 Truck	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
96	1998	Dodge	Ram 2500 Truck	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
97	1998	Dodge	Ram 2500 Truck	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
98	1998	Dodge	Ram 3500 Truck	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
99	1999	Dodge	Dakota	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
100	1999	Dodge	Dakota	5.9	XCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
101	1999	Dodge	Ram 1500 Truck	5.2	XCRXA0360H31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
102	1999	Dodge	Ram 1500 Van	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
103	1999	Dodge	Ram 2500 Truck	5.2	XCRXA0360H31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
104	1999	Dodge	Ram 2500 Truck	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12640	ALL
105	1999	Dodge	Ram 2500 Van	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
106	1999	Dodge	Ram 3500 Truck	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12640	ALL
107	2000	Dodge	Dakota	5.2	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
108	2000	Dodge	Dakota	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
109	2000	Dodge	Durango	5.2	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
110	2000	Dodge	Durango	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
111	2000	Dodge	Ram 1500 Van	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
112	2000	Dodge	Ram 1500 Van	5.2	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
113	2000	Dodge	Ram 1500 Van	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
114	2000	Dodge	Ram 1500 Van	5.9	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
115	2000	Dodge	Ram 2500 Truck	8	YCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12640	ALL
116	2000	Dodge	Ram 2500 Van	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
117	2000	Dodge	Ram 2500 Van	5.2	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
118	2000	Dodge	Ram 2500 Van	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
119	2000	Dodge	Ram 2500 Van	5.9	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
120	2000	Dodge	Ram 3500 Truck	5.9	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
121	2000	Dodge	Ram 3500 Truck	8	YCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12640	ALL
122	2000	Dodge	Ram 3500 Van	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
123	2000	Dodge	Ram 3500 Van	5.2	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
124	2000	Dodge	Ram 3500 Van	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
125	2000	Dodge	Ram 3500 Van	5.9	YCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
126	2001	Dodge	Ram 1500 Truck	5.2	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
127	2001	Dodge	Ram 1500 Truck	5.2	1CRXT05.95B8	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
128	2001	Dodge	Ram 1500 Truck	5.9	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
129	2001	Dodge	Ram 1500 Truck	5.9	1CRXT05.95B8	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
130	2001	Dodge	Ram 1500 Van	3.9	1CRXT03.95B9	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
131	2001	Dodge	Ram 1500 Van	5.2	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
132	2001	Dodge	Ram 1500 Van	5.9	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL

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	2001	Dodge	Ram 2500 Van	3.9	1CRXT03.95B9	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
134	2001	Dodge	Ram 2500 Van	5.2	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
135	2001	Dodge	Ram 2500 Van	5.9	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
136	2001	Dodge	Ram 3500 Truck	5.9	1CRXA0360J18	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
137	2001	Dodge	Ram 3500 Truck	5.9	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
138	2001	Dodge	Ram 3500 Truck	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12660	ALL
139	2001	Dodge	Ram 3500 Truck	5.9	1CRXA0360K18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12660	ALL
140	2001	Dodge	Ram 3500 Van	5.2	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
141	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
142	2002	Dodge	Ram 1500 Truck	3.7	2CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
143	2002	Dodge	Ram 1500 Truck	3.9	2CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
144	2002	Dodge	Ram 1500 Truck	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
145	2002	Dodge	Ram 1500 Truck	5.2	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
146	2002	Dodge	Ram 1500 Truck	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
147	2002	Dodge	Ram 1500 Truck	5.9	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
148	2002	Dodge	Ram 2500 Truck	5.2	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12640	ALL
149	2002	Dodge	Ram 2500 Truck	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
150	2002	Dodge	Ram 2500 Truck	5.9	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	12640	ALL
151	2002	Dodge	Ram 2500 Truck	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
152	2002	Dodge	Ram 2500 Truck	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	U	UNIVERSAL	12640	ALL
153	2002	Dodge	Ram 3500 Truck	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
154	2002	Dodge	Ram 3500 Truck	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
155	2002	Dodge	Ram 3500 Truck	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	U	UNIVERSAL	12640	ALL
156	2002	Dodge	Ram 3500 Truck	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	U	UNIVERSAL	12640	ALL
157	2003	Dodge	Dakota	3.9	3CRXT03.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
158	2003	Dodge	Ram 1500 Truck	3.7	3CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
159	2003	Dodge	Ram 1500 Truck	3.9	3CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
160	2003	Dodge	Ram 1500 Truck	5.2	3CRXT05.96B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
161	2003	Dodge	Ram 1500 Truck	5.7	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
162	2003	Dodge	Ram 1500 Truck	5.9	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
163	2003	Dodge	Ram 1500 Truck	5.9	3CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
164	2003	Dodge	Ram 1500 Truck	5.9	3CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
165	2003	Dodge	Ram 1500 Truck	5.9	3CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
166	2003	Dodge	Ram 2500 Truck	3.9	3CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12660	ALL
167	2003	Dodge	Ram 2500 Truck	5.2	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
168	2003	Dodge	Ram 2500 Truck	5.7	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
169	2003	Dodge	Ram 2500 Truck	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
170	2003	Dodge	Ram 3500 Truck	5.2	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
171	2003	Dodge	Ram 3500 Truck	5.7	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
172	2003	Dodge	Ram 3500 Truck	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12660	ALL
173	2004	Dodge	Ram 2500 Truck	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	U	UNIVERSAL	12660	ALL
174	2004	Dodge	Ram 3500 Truck	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	U	UNIVERSAL	12660	ALL
175	1996	Ford	E-150 Econoline	4.9	TFM4.968GFJK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
176	1996	Ford	E-250 Econoline	4.9	TFM4.968GFJK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL

Appendix D-562-47

Valina 12600

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	1996	Ford	E-350 Econoline	4.9	TFM4.968GFJK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
178	1996	Ford	E-350 Econoline	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
179	1996	Ford	F-150	4.9	TFM4.958GFJK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
180	1996	Ford	F-250	4.9	TFM4.958GFJK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
181	1996	Ford	F-250	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
182	1996	Ford	F-350	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
183	1997	Ford	E-150 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
184	1997	Ford	E-250 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
185	1997	Ford	E-350 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
186	1997	Ford	E-350 Econoline	6.8	VFM6.8J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
187	1997	Ford	F-250	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
188	1997	Ford	F-350	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
189	1998	Ford	E-150 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
190	1998	Ford	E-250 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
191	1998	Ford	E-350 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
192	1999	Ford	E-350 Econoline	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
193	1999	Ford	F-250	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
194	1999	Ford	F-250	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
195	1999	Ford	F-350 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
196	2000	Ford	Excursion	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
197	2000	Ford	Excursion	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
198	2000	Ford	F-250 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
199	2000	Ford	F-250 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
200	2000	Ford	F-350 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
201	2000	Ford	F-350 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
202	2001	Ford	Excursion	5.4	1FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
203	2001	Ford	Excursion	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
204	2001	Ford	F-250 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
205	2001	Ford	F-250 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
206	2001	Ford	F-350 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
207	2001	Ford	F-350 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
208	2002	Ford	Excursion	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
209	2002	Ford	Excursion	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
210	2002	Ford	F-250 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
211	2002	Ford	F-250 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
212	2002	Ford	F-350 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
213	2002	Ford	F-350 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
214	2003	Ford	Excursion	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
215	2003	Ford	Excursion	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
216	2003	Ford	F-250 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
217	2003	Ford	F-250 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
218	2003	Ford	F-350 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
219	2003	Ford	F-350 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
220	2004	Ford	Excursion	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL

Appendix D-562-47
Valina 12600

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	2004	Ford	Excursion	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
222	2004	Ford	F-250 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
223	2004	Ford	F-250 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
224	2004	Ford	F-350 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
225	2004	Ford	F-350 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	12640	ALL
226	1997	GMC	K1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
227	1997	GMC	Savana 1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
228	1997	GMC	Savana 1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
229	1997	GMC	Savana 1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
230	1997	GMC	Savana 2500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
231	1998	GMC	C1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
232	1998	GMC	Safari	4.3	WGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
233	1998	GMC	Savana 1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
234	1999	GMC	K1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
235	1999	GMC	K1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
236	1999	GMC	Safari	4.3	XGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
237	1999	GMC	Savana 1500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
238	1999	GMC	Savana 1500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
239	1999	GMC	Savana 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
240	1999	GMC	Savana 1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
241	1999	GMC	Savana 2500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
242	1999	GMC	Savana 2500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12640	ALL
243	1999	GMC	Savana 2500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
244	1999	GMC	Savana 2500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	F	UNIVERSAL	12650	ALL
245	1999	GMC	Sierra 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	F	UNIVERSAL	12650	ALL
246	2002	GMC	Envoy	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	ALL
247	2002	GMC	Savana 1500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	2WD
248	2002	GMC	Savana 2500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	2WD
249	2003	GMC	Envoy	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	ALL
250	2003	GMC	Savana 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	2WD
251	2003	GMC	Sierra 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
252	2003	GMC	Sierra 2500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12640	ALL
253	2003	Isuzu	Ascender	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	F	UNIVERSAL	12630	ALL
254	1996	Jeep	Cherokee	5.2	TCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12640	ALL
255	1997	Jeep	Wrangler	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	12633	ALL