State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-562-56
Relating to Exemptions under Section 27156 and 38391
of the Vehicle Code

Valina, Inc. (dba Car Tex Manufacturing)
"Series 103000/101000 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. 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 103000/101000 three-way catalytic converters (TWC) for installation on selected 1994 through 2004 model year medium-duty vehicles equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-56 and incorporated herein. Series 103000/101000 TWCs will be used for dual exhaust systems with multiple catalytic converters (two or more units in each exhaust bank). Series 103000 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 103000/101000 TWCs were previously exempted for this application as Series 12300/12100 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 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 AutoCat USA Inc. 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-562-56 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-562-4, it was determined that the installation of Series 103000/101000 TWCs on the vehicles listed in Appendix D-562-56 meet the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s Series 103000/101000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-55 subject to the following conditions:

1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.

2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of 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 any oxygen sensors. 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 a "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 converter.

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 must be submitted 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 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 October 25, 2007.

Executive Order D-562-30 dated March 13, 2009 and Executive Order D-562-33 dated April 23, 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 15 day of June 2011.

Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-562-56

Valina, Inc. 101000/103000

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	1997	Ford	E-150 Econoline Club Wagon	4.2	VFM4.2J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
2	1997	Ford	E-150 Econoline Club Wagon	4.2	VFM4.2J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
3	1997	Ford	E-150 Econoline	4.2	VFM4.2H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
4	1997	Ford	E-150 Econoline	4.2	VFM4.2J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
5	1997	Ford	E-150 Econoline	4.2	VFM4.2H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
6	1997	Ford	E-150 Econoline	4.2	VFM4.2J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
7	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
8	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
9	1997	Ford	Expedition	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
10	1997	Ford	Expedition	4.6	VFM4.6J8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
11	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
12	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
13	1997	Ford	F-150	4.6	VFM4.6H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
14	1997	Ford	F-150	4.6	VFM4.6H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
15	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
16	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
17	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
18	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
19	1998	Ford	E-150 Econoline	4.6	WFMXA04.6AAA	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
20	1998	Ford	E-150 Econoline	4.6	WFMXA04.6AAA	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
21	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
22	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
23	1998	Ford	F-150	4.2	WFMXT04.2AAA	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
24	1998	Ford	F-150	4.2	WFMXT04.2AAA	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
25	1998	Ford	F-150	4.6	WFMXA04.6AAA	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
26	1998	Ford	F-150	4.6	WFMXA04.6AAA	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
27	1998	Ford	F-150	5.4	WFMXA05.4HBC	TIER1	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
28	1998	Ford	F-150	5.4	WFMXA05.4HBC	TIER1	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
29	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
30	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
31	1999	Ford	E-250 Econoline	4.6	XFMXA04.6JBC	TIER1	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
32	1999	Ford	E-250 Econoline	4.6	XFMXA04.6JBC	TIER1	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
33	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
34	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
35	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
36	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
37	1999	Ford	F-150	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
38	1999	Ford	F-150	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
39	1999	Ford	F-150	5.4	XFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
40	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
41	1999	Ford	F-150	5.4	XFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
42	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL

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Valina, Inc. 101000/103000

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
43	2000	Ford	Expedition	4.6	YFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
44	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
45	2000	Ford	Expedition	4.6	YFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
46	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
47	2000	Ford	F-150	4.6	YFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
48	2000	Ford	F-150	4.6	YFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
49	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
50	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
51	2001	Ford	E-150 Econoline	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
52	2001	Ford	E-150 Econoline	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
53	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
54	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
55	2001	Ford	Expedition	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
56	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
57	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
58	2001	Ford	Expedition	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
59	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
60	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
61	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
62	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
63	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
64	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
65	2002	Ford	E-150 Econoline Club Wagon	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
66	2002	Ford	E-150 Econoline Club Wagon	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
67	2002	Ford	E-150 Econoline Club Wagon	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	F	UNIVERSAL	103040	ALL
68	2002	Ford	E-150 Econoline Club Wagon	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
69	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
70	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
71	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
72	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
73	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
74	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
75	2002	Ford	E-250 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	F	UNIVERSAL	103040	ALL
76	2002	Ford	E-250 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
77	2002	Ford	E-250 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	F	UNIVERSAL	103040	ALL
78	2002	Ford	E-250 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
79	2002	Ford	E-350 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	F	UNIVERSAL	103040	ALL
80	2002	Ford	E-350 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
81	2002	Ford	E-350 Econoline	6.8	2FMXA06.8JFN	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	F	UNIVERSAL	103040	ALL
82	2002	Ford	E-350 Econoline	6.8	2FMXA06.8JFN	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
83	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
84	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL

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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
85	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
86	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
87	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
88	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
89	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
90	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
91	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
92	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
93	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
94	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
95	2003	Ford	E-150	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
96	2003	Ford	E-150	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
97	2003	Ford	E-150	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
98	2003	Ford	E-150	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
99	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
100	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
101	2003	Ford	E-350	6.8	3FMXA06.8JFN	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	F	UNIVERSAL	103040	ALL
102	2003	Ford	E-350	6.8	3FMXA06.8JFN	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	ALL
103	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
104	2003	Ford	F-150	5.4	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
105	2003	Ford	F-150	5.4	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
106	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
107	2003	Ford	F-150	5.4	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
108	2003	Ford	F-150	5.4	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
109	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
110	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
111	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
112	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
113	1998	Lexus	LX470	4.7	WTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	ALL
114	1998	Lexus	LX470	4.7	WTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
115	1999	Lexus	LX470	4.7	XTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	4WD
116	1999	Lexus	LX470	4.7	XTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
117	2001	Lexus	LX470	4.7	1TYXT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	ALL
118	2001	Lexus	LX470	4.7	1TYXT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
119	2002	Lexus	LX470	4.7	2TXYT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	ALL
120	2002	Lexus	LX470	4.7	2TXYT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
121	2003	Lexus	LX470	4.7	3TYXT04.7FBV	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	103030	ALL
122	2003	Lexus	LX470	4.7	3TYXT04.7FBV	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	101030	ALL
123	2004	Lexus	LX470	4.7	4TYXT04.7V1X	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	F	UNIVERSAL	103030	4WD
124	2004	Lexus	LX470	4.7	4TYXT04.7V1V	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	103030	ALL
125	2004	Lexus	LX470	4.7	4TYXT04.7V1X	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	4WD
126	2004	Lexus	LX470	4.7	4TYXT04.7V1V	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	101030	ALL

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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
127	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
128	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
129	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
130	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
131	2003	Lincoln	Navigator	5.4	3FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103040	ALL
132	2003	Lincoln	Navigator	5.4	3FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101040	ALL
133	1998	Toyota	Land Cruiser	4.7	WTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	4WD
134	1998	Toyota	Land Cruiser	4.7	WTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
135	1999	Toyota	Land Cruiser	4.7	XTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	4WD
136	1999	Toyota	Land Cruiser	4.7	XTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101020	4WD
137	2000	Toyota	Land Cruiser	4.7	YTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	ALL
138	2000	Toyota	Land Cruiser	4.7	YTYXT04.7GBX	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	ALL
139	2000	Toyota	Tundra	4.7	YTYXT04.7GXW	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	F	UNIVERSAL	103030	4WD
140	2000	Toyota	Tundra	4.7	YTYXT04.7GXW	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	F	UNIVERSAL	103030	2WD
141	2000	Toyota	Tundra	4.7	YTYXT04.7GXW	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	2WD
142	2000	Toyota	Tundra	4.7	YTYXT04.7GXW	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101040	4WD
143	2001	Toyota	Land Cruiser	4.7	1TYXT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	4WD
144	2001	Toyota	Land Cruiser	4.7	1TYXT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
145	2002	Toyota	Land Cruiser	4.7	2TXYT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	F	UNIVERSAL	103030	4WD
146	2002	Toyota	Land Cruiser	4.7	2TXYT04.7FBV	LEV1 LEV	MDV3	D	2TWC(2)	4	4	R	UNIVERSAL	101030	4WD
147	2003	Toyota	Land Cruiser	4.7	3TYXT04.7FBV	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	103030	4WD
148	2003	Toyota	Land Cruiser	4.7	3TYXT04.7FBV	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	101030	4WD
149	2004	Toyota	Land Cruiser	4.7	4TYXT04.7V1X	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	F	UNIVERSAL	103030	4WD
150	2004	Toyota	Land Cruiser	4.7	4TYXT04.7V1V	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	F	UNIVERSAL	103030	ALL
151	2004	Toyota	Land Cruiser	4.7	4TYXT04.7V1X	LEV1 LEV	MDV2	DS	2TWC,TWC	3	3	R	UNIVERSAL	101030	4WD
152	2004	Toyota	Land Cruiser	4.7	4TYXT04.7V1V	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	R	UNIVERSAL	101030	ALL