

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-665-11

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

Eastern Manufacturing, Inc.
"Series 830500 and 830600 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, Eastern Manufacturing, Inc. (Eastern) of 2151 Cabot Blvd., West Longhorne, Pennsylvania 19047, 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 830500 and 830600 three-way catalytic converters (TWC) for installation on selected 1995 through 2004 Ford medium-duty vehicles (MDV) equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-665-11 and incorporated herein. Series 830500 TWC will be used in the front location and Series 830600 TWC will be used in the rear location for multiple catalytic converter system applications. The catalytic converters may be sold as a universal or direct-fit system for the vehicles listed in Appendix D-665-11.

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 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, emissions tests conducted at Automotive Testing and Development Services, Inc., Ontario, California, using a 2002 5.4L Ford F-150, test group 2FMXT05.4PF5, certified to the medium-duty vehicle and Low Emission Vehicle emission standards (MDV2, LEV), showed that the vehicle met the applicable emission standards with Series 830500 and 830600 TWCs (4 units) installed. OBD II compatibility tests performed on the same test vehicle showed that Series 830500 and 830600 TWCs did not affect the vehicle's ability to perform OBD II system monitoring. The following are the test results in grams per mile:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
120K Standards	0.230	6.4	0.6
Series 830500/830600 Test 1	0.154	2.3	0.42
Series 830500/830600 Test 2	0.146	1.9	0.37

WHEREAS, evaluation of Series 830500 and 830600 TWCs using the procedures and criteria specified in Section (5)(B) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters" as adopted on October 25, 2007, showed that the catalytic converters meet the requirements for proper MIL illumination demonstration.

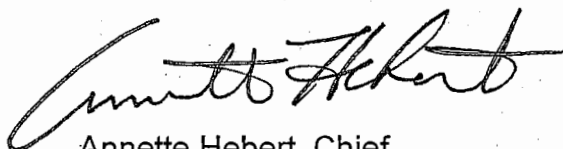
THEREFORE, IT IS HEREBY RESOLVED that Eastern Manufacturing, Inc.'s 830500 and 830600 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-665-11 subject to the following conditions:

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 this product 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 Eastern Manufacturing, 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. Eastern Manufacturing, 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. Eastern Manufacturing, 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 converters 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. Eastern, its associates, vendors, other businesses, and individuals associated with Eastern, 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. Eastern Manufacturing, 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. Eastern Manufacturing, 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. Eastern Manufacturing, Inc.'s vehicle application catalog must conform with the requirements as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

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 September 2012.



Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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	1995	Ford	Bronco	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
2	1995	Ford	Bronco	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830605	ALL
3	1995	Ford	Bronco	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830653	ALL
4	1995	Ford	Bronco	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
5	1995	Ford	Bronco	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830605	ALL
6	1995	Ford	Bronco	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830653	ALL
7	1995	Ford	E-150 Econoline	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
8	1995	Ford	E-150 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
9	1995	Ford	E-150 Econoline	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
10	1995	Ford	E-150 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
11	1995	Ford	E-150 Econoline	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830652	2WD
12	1995	Ford	E-150 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	U	DIRECT FIT	830652	2WD
13	1995	Ford	E-150 Econoline	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
14	1995	Ford	E-150 Econoline	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
15	1995	Ford	E-150 Econoline	5.8	SFM5.8J8G1EB	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
16	1995	Ford	E-150 Econoline	5.8	SFM5.8J8G1EB	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
17	1995	Ford	E-250 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
18	1995	Ford	E-250 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
19	1995	Ford	E-250 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	U	DIRECT FIT	830652	2WD
20	1995	Ford	E-250 Econoline	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
21	1995	Ford	E-250 Econoline	5.8	SFM5.8J8G1EB	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
22	1995	Ford	E-250 Econoline	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
23	1995	Ford	E-250 Econoline	5.8	SFM5.8J8G1EB	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
24	1995	Ford	E-350 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
25	1995	Ford	E-350 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
26	1995	Ford	E-350 Econoline	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	U	DIRECT FIT	830652	2WD
27	1995	Ford	E-350 Econoline	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
28	1995	Ford	E-350 Econoline	5.8	SFM5.8J8G1EB	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
29	1995	Ford	E-350 Econoline	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
30	1995	Ford	E-350 Econoline	5.8	SFM5.8J8G1EB	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
31	1995	Ford	F-150	4.9	SFM4.988G0JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
32	1995	Ford	F-150	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
33	1995	Ford	F-150	4.9	SFM4.988G0JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
34	1995	Ford	F-150	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
35	1995	Ford	F-150	4.9	SFM4.988G0JA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830651	ALL
36	1995	Ford	F-150	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830651	ALL
37	1995	Ford	F-150	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
38	1995	Ford	F-150	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830605	ALL
39	1995	Ford	F-150	5	SFM5.088G0JA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830653	ALL
40	1995	Ford	F-150	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
41	1995	Ford	F-150	5.8	SFM5.8H8G1EA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
42	1995	Ford	F-250	4.9	SFM4.988G0JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
43	1995	Ford	F-250	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
44	1995	Ford	F-250	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
45	1995	Ford	F-250	4.9	SFM4.988G0JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
46	1995	Ford	F-250	4.9	SFM4.988G1JA	TIER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
47	1995	Ford	F-250	4.9	SFM4.9J8G1JA	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
48	1995	Ford	F-250	4.9	SFM4.988G0JA	TIER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830651	ALL

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
49	1995	Ford	F-250	4.9	SFM4.988G1JA	T1ER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830651	ALL
50	1995	Ford	F-250	4.9	SFM4.9J8G1JA	T1ER1	MDV3	S	TWC(2)	2	2	U	DIRECT FIT	830651	ALL
51	1995	Ford	F-250	5	SFM5.088G0JA	T1ER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
52	1995	Ford	F-250	5	SFM5.088G0JA	T1ER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830605	ALL
53	1995	Ford	F-250	5	SFM5.088G0JA	T1ER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830653	ALL
54	1995	Ford	F-250	5.8	SFM5.8H8G1EA	T1ER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
55	1995	Ford	F-250	5.8	SFM5.8J8G1EB	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
56	1995	Ford	F-250	5.8	SFM5.8H8G1EA	T1ER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
57	1995	Ford	F-250	5.8	SFM5.8J8G1EB	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
58	1995	Ford	F-350	4.9	SFM4.9J8G1JA	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
59	1995	Ford	F-350	4.9	SFM4.9J8G1JA	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
60	1995	Ford	F-350	4.9	SFM4.9J8G1JA	T1ER1	MDV3	S	TWC(2)	2	2	U	DIRECT FIT	830651	ALL
61	1995	Ford	F-350	5.8	SFM5.8H8G1EA	T1ER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
62	1995	Ford	F-350	5.8	SFM5.8J8G1EB	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
63	1995	Ford	F-350	5.8	SFM5.8J8G1EB	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830601	ALL
64	1995	Ford	F-350	5.8	SFM5.8H8G1EA	T1ER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
65	1996	Ford	Bronco	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830501	4WD
66	1996	Ford	Bronco	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830501	4WD
67	1996	Ford	Bronco	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830601	4WD
68	1996	Ford	Bronco	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830601	4WD
69	1996	Ford	Bronco	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	4WD
70	1996	Ford	Bronco	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830605	4WD
71	1996	Ford	Bronco	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	U	DIRECT FIT	830654	4WD
72	1996	Ford	E-150 Econoline	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	F	UNIVERSAL	830501	2WD
73	1996	Ford	E-150 Econoline	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	R	UNIVERSAL	830602	2WD
74	1996	Ford	E-150 Econoline	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	U	DIRECT FIT	830652	2WD
75	1996	Ford	E-150 Econoline	5	TFM5.0J8G1EK	T1ER1	MDV3	D	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
76	1996	Ford	E-150 Econoline	5	TFM5.0J8G1EK	T1ER1	MDV3	D	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
77	1996	Ford	E-150 Econoline	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
78	1996	Ford	E-150 Econoline	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
79	1996	Ford	E-250 Econoline	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	F	UNIVERSAL	830501	ALL
80	1996	Ford	E-250 Econoline	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	R	UNIVERSAL	830602	ALL
81	1996	Ford	E-250 Econoline	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	U	DIRECT FIT	830652	ALL
82	1996	Ford	E-250 Econoline	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
83	1996	Ford	E-250 Econoline	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
84	1996	Ford	E-350 Econoline	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	F	UNIVERSAL	830501	ALL
85	1996	Ford	E-350 Econoline	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	R	UNIVERSAL	830602	ALL
86	1996	Ford	E-350 Econoline	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	U	DIRECT FIT	830652	ALL
87	1996	Ford	E-350 Econoline	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
88	1996	Ford	E-350 Econoline	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
89	1996	Ford	F-150	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	F	UNIVERSAL	830501	2WD
90	1996	Ford	F-150	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	R	UNIVERSAL	830601	2WD
91	1996	Ford	F-150	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	U	DIRECT FIT	830651	2WD
92	1996	Ford	F-150	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830501	4WD
93	1996	Ford	F-150	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830501	4WD
94	1996	Ford	F-150	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830601	4WD
95	1996	Ford	F-150	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830601	4WD
96	1996	Ford	F-150	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
97	1996	Ford	F-150	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
98	1996	Ford	F-250	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	F	UNIVERSAL	830501	2WD
99	1996	Ford	F-250	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	F	UNIVERSAL	830501	ALL
100	1996	Ford	F-250	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	R	UNIVERSAL	830601	2WD
101	1996	Ford	F-250	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	R	UNIVERSAL	830601	ALL
102	1996	Ford	F-250	4.9	TFM4.958GFJK	T1ER1	MDV2	S	TWC(2)	2	1	U	DIRECT FIT	830651	2WD
103	1996	Ford	F-250	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	U	DIRECT FIT	830651	ALL
104	1996	Ford	F-250	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830501	ALL
105	1996	Ford	F-250	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830501	ALL
106	1996	Ford	F-250	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830601	ALL
107	1996	Ford	F-250	5	TFM5.0H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830601	ALL
108	1996	Ford	F-250	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
109	1996	Ford	F-250	5.8	TFM5.8H8G1EK	T1ER1	MDV2	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
110	1996	Ford	F-350	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	F	UNIVERSAL	830501	ALL
111	1996	Ford	F-350	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	R	UNIVERSAL	830601	ALL
112	1996	Ford	F-350	4.9	TFM4.968GFJK	T1ER1	MDV3	S	TWC(2)	2	1	U	DIRECT FIT	830651	ALL
113	1996	Ford	F-350	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
114	1996	Ford	F-350	5.8	TFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
115	1997	Ford	E-150 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
116	1997	Ford	E-150 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
117	1997	Ford	E-150 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
118	1997	Ford	E-150 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
119	1997	Ford	E-150 Econoline	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
120	1997	Ford	E-150 Econoline	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
121	1997	Ford	E-150 Econoline	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
122	1997	Ford	E-150 Econoline	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
123	1997	Ford	E-150 Econoline	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830656	2WD
124	1997	Ford	E-150 Econoline	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830657	2WD
125	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830503	2WD
126	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830503	2WD
127	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
128	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
129	1997	Ford	E-250 Econoline	4.2	VFM4.2J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830656	2WD
130	1997	Ford	E-250 Econoline	5.8	VFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	2WD
131	1997	Ford	E-250 Econoline	5.8	VFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
132	1997	Ford	E-250 Econoline	5.8	VFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	2WD
133	1997	Ford	E-250 Econoline	5.8	VFM5.8J8G1EK	T1ER1	MDV3	S	TWC(2)	2	2	UR	DIRECT FIT	830667	ALL
134	1997	Ford	E-350 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
135	1997	Ford	E-350 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
136	1997	Ford	E-350 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
137	1997	Ford	E-350 Econoline	4.2	VFM4.2H8G1EK	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
138	1997	Ford	Expedition	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
139	1997	Ford	Expedition	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
140	1997	Ford	Expedition	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
141	1997	Ford	Expedition	4.6	VFM4.6J8G1EK	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
142	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
143	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
144	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
145	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
146	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
147	1997	Ford	Expedition	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
148	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830503	2WD
149	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830503	4WD
150	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830503	2WD
151	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830503	4WD
152	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
153	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	4WD
154	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
155	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	4WD
156	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
157	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
158	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
159	1997	Ford	F-150	5.4	VFM5.4H8G1EK	TIER1	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830663	2WD
160	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
161	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
162	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
163	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
164	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
165	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
166	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
167	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
168	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830658	2WD
169	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830660	4WD
170	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830659	2WD
171	1997	Ford	F-250	4.6	VFM4.6J8G1EK	TIER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830661	4WD
172	1997	Ford	F-250	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
173	1997	Ford	F-250	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
174	1997	Ford	F-250	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
175	1997	Ford	F-250	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
176	1997	Ford	F-250	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
177	1997	Ford	F-250	5.4	VFM5.4J8G1FK	TIER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
178	1997	Ford	F-250	5.8	VFM5.8J8G1EK	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
179	1997	Ford	F-250	5.8	VFM5.8J8G1EK	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
180	1997	Ford	F-350	5.8	VFM5.8J8G1EK	TIER1	MDV3	S	TWC(2)	2	2	F	UNIVERSAL	830501	ALL
181	1997	Ford	F-350	5.8	VFM5.8J8G1EK	TIER1	MDV3	S	TWC(2)	2	2	R	UNIVERSAL	830601	ALL
182	1998	Ford	E-150 Econoline	4.2	WFMXA04.2AAA	TIER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830503	2WD
183	1998	Ford	E-150 Econoline	4.2	WFMXA04.2ABA	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830503	2WD
184	1998	Ford	E-150 Econoline	4.2	WFMXA04.2AAA	TIER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830503	2WD
185	1998	Ford	E-150 Econoline	4.2	WFMXA04.2ABA	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830503	2WD
186	1998	Ford	E-150 Econoline	4.2	WFMXA04.2AAA	TIER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
187	1998	Ford	E-150 Econoline	4.2	WFMXA04.2ABA	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
188	1998	Ford	E-150 Econoline	4.2	WFMXA04.2AAA	TIER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
189	1998	Ford	E-150 Econoline	4.2	WFMXA04.2ABA	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
190	1998	Ford	E-150 Econoline	4.6	WFMXA04.6BAA	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	ALL
191	1998	Ford	E-150 Econoline	4.6	WFMXA04.6BAA	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	ALL
192	1998	Ford	E-150 Econoline	4.6	WFMXA04.6BAA	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	ALL

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
193	1998	Ford	E-150 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	ALL
194	1998	Ford	E-150 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830656	ALL
195	1998	Ford	E-150 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830657	ALL
196	1998	Ford	E-250 Econoline	4.2	WFMXA04.2ABA	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830503	2WD
197	1998	Ford	E-250 Econoline	4.2	WFMXA04.2ABA	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830503	2WD
198	1998	Ford	E-250 Econoline	4.2	WFMXA04.2ABA	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830603	2WD
199	1998	Ford	E-250 Econoline	4.2	WFMXA04.2ABA	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830603	2WD
200	1998	Ford	E-250 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	ALL
201	1998	Ford	E-250 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	ALL
202	1998	Ford	E-250 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	ALL
203	1998	Ford	E-250 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	ALL
204	1998	Ford	E-250 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830656	ALL
205	1998	Ford	E-250 Econoline	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830657	ALL
206	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
207	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	4WD
208	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
209	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	4WD
210	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
211	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
212	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
213	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
214	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830658	2WD
215	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830660	4WD
216	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830659	2WD
217	1998	Ford	Expedition	4.6	WFMXA04.6BAA	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830661	4WD
218	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
219	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
220	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
221	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
222	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
223	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
224	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
225	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
226	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
227	1998	Ford	Expedition	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
228	1998	Ford	F-150	4.6	WFMXA04.6AAA	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
229	1998	Ford	F-150	4.6	WFMXA04.6AAA	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
230	1998	Ford	F-150	4.6	WFMXA04.6AAA	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
231	1998	Ford	F-150	4.6	WFMXA04.6AAA	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
232	1998	Ford	F-150	4.6	WFMXA04.6AAA	T1ER1	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830658	2WD
233	1998	Ford	F-150	4.6	WFMXA04.6AAA	T1ER1	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830659	2WD
234	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
235	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
236	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
237	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
238	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
239	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
240	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
241	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
242	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
243	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
244	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
245	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
246	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
247	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
248	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
249	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
250	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
251	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
252	1998	Ford	F-150	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
253	1998	Ford	F-150	5.4	WFMXA05.4HBC	T1ER1	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
254	1998	Ford	F-250	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
255	1998	Ford	F-250	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
256	1998	Ford	F-250	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
257	1998	Ford	F-250	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
258	1998	Ford	F-250	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
259	1998	Ford	F-250	5.4	WFMXA05.4JBN	T1ER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
260	1999	Ford	50 Econoline Club Wa	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
261	1999	Ford	50 Econoline Club Wa	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
262	1999	Ford	50 Econoline Club Wa	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
263	1999	Ford	50 Econoline Club Wa	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
264	1999	Ford	50 Econoline Club Wa	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
265	1999	Ford	50 Econoline Club Wa	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
266	1999	Ford	E-150 Econoline	4.2	XFMXA04.2HGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
267	1999	Ford	E-150 Econoline	4.2	XFMXA04.2HGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
268	1999	Ford	E-150 Econoline	4.2	XFMXA04.2HGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
269	1999	Ford	E-150 Econoline	4.2	XFMXA04.2HGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
270	1999	Ford	E-150 Econoline	4.2	XFMXA04.2HGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
271	1999	Ford	E-150 Econoline	4.2	XFMXA04.2HGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
272	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	ALL
273	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	ALL
274	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	ALL
275	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	ALL
276	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830656	ALL
277	1999	Ford	E-150 Econoline	4.6	XFMXA04.6JBC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830657	ALL
278	1999	Ford	E-250 Econoline	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
279	1999	Ford	E-250 Econoline	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
280	1999	Ford	E-250 Econoline	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
281	1999	Ford	E-250 Econoline	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
282	1999	Ford	E-250 Econoline	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
283	1999	Ford	E-250 Econoline	4.2	XFMXA04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
284	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
285	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	4WD
286	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
287	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	4WD
288	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
289	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
290	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
291	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
292	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830670	2WD
293	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830672	4WD
294	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830671	2WD
295	1999	Ford	E-250 Econoline	4.6	XFMXA04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830673	4WD
296	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
297	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	4WD
298	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
299	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	4WD
300	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
301	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
302	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
303	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
304	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830672	4WD
305	1999	Ford	Expedition	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830673	4WD
306	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
307	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
308	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
309	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
310	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
311	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
312	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
313	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
314	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
315	1999	Ford	Expedition	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
316	1999	Ford	F-150	5.4	XFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
317	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
318	1999	Ford	F-150	5.4	XFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
319	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
320	1999	Ford	F-150	5.4	XFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
321	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
322	1999	Ford	F-150	5.4	XFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
323	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
324	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
325	1999	Ford	F-150	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
326	1999	Ford	F-250 Super Duty	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	4WD
327	1999	Ford	F-250 Super Duty	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	4WD
328	1999	Ford	F-250 Super Duty	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
329	1999	Ford	F-250 Super Duty	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
330	1999	Ford	F-250 Super Duty	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830672	4WD
331	1999	Ford	F-250 Super Duty	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830673	4WD
332	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
333	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
334	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
335	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
336	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
337	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
338	1999	Ford	F-250	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
339	1999	Ford	F-250	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
340	1999	Ford	F-250	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
341	1999	Ford	F-250	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
342	1999	Ford	F-250	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830670	2WD
343	1999	Ford	F-250	4.6	XFMXA04.6JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830671	2WD
344	1999	Ford	F-250	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
345	1999	Ford	F-250	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
346	1999	Ford	F-250	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
347	1999	Ford	F-250	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
348	2000	Ford	50 Econoline Club Wa	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
349	2000	Ford	50 Econoline Club Wa	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
350	2000	Ford	50 Econoline Club Wa	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
351	2000	Ford	50 Econoline Club Wa	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
352	2000	Ford	50 Econoline Club Wa	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830674	2WD
353	2000	Ford	50 Econoline Club Wa	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830675	2WD
354	2000	Ford	E-150 Econoline	4.2	YFMXT04.2HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
355	2000	Ford	E-150 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
356	2000	Ford	E-150 Econoline	4.2	YFMXT04.2HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
357	2000	Ford	E-150 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
358	2000	Ford	E-150 Econoline	4.2	YFMXT04.2HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
359	2000	Ford	E-150 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
360	2000	Ford	E-150 Econoline	4.2	YFMXT04.2HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
361	2000	Ford	E-150 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
362	2000	Ford	E-150 Econoline	4.2	YFMXT04.2HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
363	2000	Ford	E-150 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
364	2000	Ford	E-150 Econoline	4.2	YFMXT04.2HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
365	2000	Ford	E-150 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
366	2000	Ford	E-150 Econoline	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
367	2000	Ford	E-150 Econoline	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
368	2000	Ford	E-150 Econoline	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
369	2000	Ford	E-150 Econoline	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
370	2000	Ford	E-150 Econoline	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830674	2WD
371	2000	Ford	E-150 Econoline	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830675	2WD
372	2000	Ford	E-150 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	830504	2WD
373	2000	Ford	E-150 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	830504	2WD
374	2000	Ford	E-150 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	R	UNIVERSAL	830604	2WD
375	2000	Ford	E-250 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
376	2000	Ford	E-250 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
377	2000	Ford	E-250 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
378	2000	Ford	E-250 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
379	2000	Ford	E-250 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
380	2000	Ford	E-250 Econoline	4.2	YFMXT04.2JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
381	2000	Ford	E-250 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	830504	2WD
382	2000	Ford	E-250 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	830504	2WD
383	2000	Ford	E-250 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	R	UNIVERSAL	830604	2WD
384	2000	Ford	E-350 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	830504	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
385	2000	Ford	E-350 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	830504	2WD
386	2000	Ford	E-350 Econoline	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	R	UNIVERSAL	830604	2WD
387	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
388	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	4WD
389	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
390	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	4WD
391	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
392	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
393	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
394	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
395	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830672	4WD
396	2000	Ford	Expedition	4.6	YFMXT04.66FF	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830673	4WD
397	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
398	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
399	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
400	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
401	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
402	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
403	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
404	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
405	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
406	2000	Ford	Expedition	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
407	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
408	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
409	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
410	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
411	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
412	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
413	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
414	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
415	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
416	2000	Ford	F-150	4.6	YFMXT04.6HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
417	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
418	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
419	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
420	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
421	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
422	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
423	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
424	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
425	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
426	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
427	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
428	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
429	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
430	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
431	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
432	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
433	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
434	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
435	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
436	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
437	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
438	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
439	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
440	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
441	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
442	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
443	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
444	2000	Ford	F-150	5.4	YFMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
445	2000	Ford	F-150	5.4	YFMXA05.4HGC	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
446	2000	Ford	F-150	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
447	2001	Ford	E-150 Econoline	4.2	1FMXT04.2HG5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
448	2001	Ford	E-150 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
449	2001	Ford	E-150 Econoline	4.2	1FMXT04.2HG5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
450	2001	Ford	E-150 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
451	2001	Ford	E-150 Econoline	4.2	1FMXT04.2HG5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
452	2001	Ford	E-150 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
453	2001	Ford	E-150 Econoline	4.2	1FMXT04.2HG5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
454	2001	Ford	E-150 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
455	2001	Ford	E-150 Econoline	4.2	1FMXT04.2HG5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
456	2001	Ford	E-150 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
457	2001	Ford	E-150 Econoline	4.2	1FMXT04.2HG5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
458	2001	Ford	E-150 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
459	2001	Ford	E-150 Econoline	4.6	1FMXT04.6JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
460	2001	Ford	E-150 Econoline	4.6	1FMXT04.6JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
461	2001	Ford	E-150 Econoline	4.6	1FMXT04.6JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
462	2001	Ford	E-150 Econoline	4.6	1FMXT04.6JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
463	2001	Ford	E-150 Econoline	4.6	1FMXT04.6JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830674	2WD
464	2001	Ford	E-150 Econoline	4.6	1FMXT04.6JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830675	2WD
465	2001	Ford	E-150 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	830504	2WD
466	2001	Ford	E-150 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	830504	2WD
467	2001	Ford	E-150 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	R	UNIVERSAL	830604	2WD
468	2001	Ford	E-250 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
469	2001	Ford	E-250 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
470	2001	Ford	E-250 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830605	2WD
471	2001	Ford	E-250 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830605	2WD
472	2001	Ford	E-250 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
473	2001	Ford	E-250 Econoline	4.2	1FMXT04.2JG5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
474	2001	Ford	E-250 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	830504	2WD
475	2001	Ford	E-250 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	830504	2WD
476	2001	Ford	E-250 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	R	UNIVERSAL	830604	2WD
477	2001	Ford	E-350 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	830504	2WD
478	2001	Ford	E-350 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	830504	2WD
479	2001	Ford	E-350 Econoline	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	DS	2TWC,TWC	3	2	R	UNIVERSAL	830604	2WD
480	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
481	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
482	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
483	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
484	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
485	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
486	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
487	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
488	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
489	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830678	4WD
490	2001	Ford	Expedition	4.6	1FMXT04.66F5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
491	2001	Ford	Expedition	4.6	1FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
492	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
493	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
494	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
495	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
496	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
497	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
498	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
499	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
500	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
501	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
502	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
503	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
504	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
505	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
506	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
507	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
508	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830680	4WD
509	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830680	4WD
510	2001	Ford	Expedition	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830681	4WD
511	2001	Ford	Expedition	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830681	4WD
512	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
513	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
514	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
515	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
516	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
517	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
518	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
519	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
520	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
521	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
522	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
523	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
524	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
525	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
526	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
527	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830678	4WD
528	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
529	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
530	2001	Ford	F-150	4.6	1FMXT04.6PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
531	2001	Ford	F-150	4.6	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
532	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
533	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
534	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
535	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
536	2001	Ford	F-150	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
537	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	DIRECT FIT	830662	2WD
538	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
539	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
540	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
541	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
542	2001	Ford	F-150	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
543	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	DIRECT FIT	830663	2WD
544	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
545	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
546	2001	Ford	F-150	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
547	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
548	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
549	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
550	2001	Ford	F-150	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
551	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
552	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
553	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
554	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
555	2001	Ford	F-150	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
556	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
557	2001	Ford	F-150	5.4	1FMXT05.4PF4	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
558	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
559	2001	Ford	F-150	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
560	2001	Ford	F-150	5.4	1FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830663	2WD
561	2002	Ford	50 Econoline Club Wa	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
562	2002	Ford	50 Econoline Club Wa	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
563	2002	Ford	50 Econoline Club Wa	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
564	2002	Ford	50 Econoline Club Wa	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
565	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
566	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
567	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	DIRECT FIT	830668	2WD
568	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
569	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
570	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
571	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
572	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
573	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
574	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
575	2002	Ford	E-150 Econoline	4.2	2FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
576	2002	Ford	E-150 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
577	2002	Ford	E-150 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830505	2WD
578	2002	Ford	E-150 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830505	2WD
579	2002	Ford	E-150 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
580	2002	Ford	E-150 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
581	2002	Ford	E-150 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830674	2WD
582	2002	Ford	E-150 Econoline	4.6	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830675	2WD
583	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
584	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
585	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
586	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
587	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
588	2002	Ford	E-250 Econoline	4.2	2FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
589	2002	Ford	E-250 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
590	2002	Ford	E-250 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
591	2002	Ford	E-250 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
592	2002	Ford	E-250 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
593	2002	Ford	E-350 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
594	2002	Ford	E-350 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
595	2002	Ford	E-350 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
596	2002	Ford	E-350 Econoline	5.4	2FMXT05.4RF9	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
597	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
598	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
599	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
600	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
601	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
602	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
603	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
604	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
605	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830680	2WD
606	2002	Ford	Expedition	4.6	2FMXT04.66F7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830681	2WD
607	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
608	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
609	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
610	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
611	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
612	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
613	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
614	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
615	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830680	4WD
616	2002	Ford	Expedition	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830681	4WD
617	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
618	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
619	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
620	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
621	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
622	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
623	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
624	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
625	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
626	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
627	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
628	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
629	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
630	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
631	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
632	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
633	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
634	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
635	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
636	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
637	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
638	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
639	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
640	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
641	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
642	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
643	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
644	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
645	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
646	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
647	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
648	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
649	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
650	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
651	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
652	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830678	4WD
653	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830678	4WD
654	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830678	4WD
655	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830678	4WD
656	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
657	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
658	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
659	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
660	2002	Ford	F-150	4.6	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
661	2002	Ford	F-150	4.6	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
662	2002	Ford	F-150	4.6	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
663	2002	Ford	F-150	4.6	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830679	4WD
664	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
665	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
666	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
667	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
668	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
669	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
670	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
671	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
672	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
673	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
674	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
675	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
676	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
677	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
678	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
679	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
680	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
681	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
682	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
683	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
684	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
685	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
686	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
687	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
688	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
689	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
690	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
691	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
692	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
693	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
694	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
695	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
696	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
697	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
698	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
699	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
700	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
701	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
702	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
703	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
704	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
705	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
706	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
707	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
708	2002	Ford	F-150	5.4	2FMXT05.4RF6	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830663	2WD
709	2002	Ford	F-150	5.4	2FMXT05.4PF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830663	2WD
710	2002	Ford	F-150	5.4	2FMXT05.4PF6	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830663	2WD
711	2002	Ford	F-150	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830663	2WD
712	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
713	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
714	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
715	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
716	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
717	2003	Ford	E-150 Club Wagon	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
718	2003	Ford	E-150 Econoline	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
719	2003	Ford	E-150 Econoline	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
720	2003	Ford	E-150 Econoline	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
721	2003	Ford	E-150 Econoline	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
722	2003	Ford	E-150 Econoline	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
723	2003	Ford	E-150 Econoline	4.2	3FMXT04.2HF5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
724	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
725	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
726	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
727	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
728	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
729	2003	Ford	E-250	4.2	3FMXT04.2JF5	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
730	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
731	2003	Ford	F-150	4.6	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
732	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
733	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
734	2003	Ford	F-150	4.6	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
735	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
736	2003	Ford	F-150	4.6	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
737	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
738	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
739	2003	Ford	F-150	4.6	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
740	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
741	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
742	2003	Ford	F-150	4.6	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	2WD
743	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830676	2WD
744	2003	Ford	F-150	4.6	3FMXT05.42F5	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	2WD
745	2003	Ford	F-150	4.6	3FMXT05.4PFB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830677	2WD
746	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
747	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
748	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
749	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
750	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830604	2WD
751	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
752	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
753	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
754	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
755	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830664	4WD
756	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830662	2WD
757	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830665	4WD
758	2003	Ford	F-150	5.4	3FMXT05.4RF8	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830662	2WD
759	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
760	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
761	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
762	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
763	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
764	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
765	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
766	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
767	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830682	2WD
768	2004	Ford	F-150	4.6	4FMXT04.6PNB	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830683	2WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
769	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
770	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
771	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
772	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
773	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UL	DIRECT FIT	830682	2WD
774	2004	Ford	F-150	5.4	4FMXT05.4PP7	LEV1 LEV	MDV2	D	2TWC(2)	4	4	UR	DIRECT FIT	830682	2WD
775	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
776	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
777	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	2WD
778	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830502	4WD
779	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
780	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
781	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	2WD
782	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830502	4WD
783	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
784	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
785	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
786	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
787	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
788	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	DIRECT FIT	830667	2WD
789	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
790	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830666	4WD
791	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	2WD
792	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UL	DIRECT FIT	830668	4WD
793	1998	Lincoln	Navigator	5.4	WFMXA05.4JBC	TIER1	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	4WD
794	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830667	2WD
795	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	2WD
796	1998	Lincoln	Navigator	5.4	WFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	UR	DIRECT FIT	830669	4WD
797	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
798	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
799	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
800	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
801	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
802	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
803	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
804	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
805	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
806	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
807	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
808	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
809	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
810	1999	Lincoln	Navigator	5.4	XFMXA05.4JGC	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
811	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
812	1999	Lincoln	Navigator	5.4	XFMXA05.4JGN	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
813	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
814	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
815	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
816	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD

Appendix D-665-11

Eastern Manufacturing, Inc. 830500 / 830600

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
817	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
818	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
819	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
820	2000	Lincoln	Navigator	5.4	YFMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
821	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
822	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
823	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
824	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
825	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
826	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
827	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
828	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
829	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
830	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
831	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	2WD
832	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830602	4WD
833	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
834	2001	Lincoln	Navigator	5.4	1FMXT05.4RF7	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
835	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	2WD
836	2001	Lincoln	Navigator	5.4	1FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830602	4WD
837	2002	Lincoln	Blackwood	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
838	2002	Lincoln	Blackwood	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
839	2002	Lincoln	Blackwood	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
840	2002	Lincoln	Blackwood	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
841	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	2WD
842	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FL	UNIVERSAL	830504	4WD
843	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	2WD
844	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	FR	UNIVERSAL	830504	4WD
845	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	2WD
846	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RL	UNIVERSAL	830604	4WD
847	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	2WD
848	2002	Lincoln	Navigator	5.4	2FMXT05.4RF8	LEV1 LEV	MDV3	D	2TWC(2)	4	4	RR	UNIVERSAL	830604	4WD
849	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	FL	UNIVERSAL	830505	2WD
850	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	FL	UNIVERSAL	830505	4WD
851	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	FR	UNIVERSAL	830505	2WD
852	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	FR	UNIVERSAL	830505	4WD
853	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	830602	2WD
854	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	R	UNIVERSAL	830602	4WD
855	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	U	DIRECT FIT	830655	2WD
856	2003	Lincoln	Aviator	4.6	3FMXT04.62F9	LEV1 LEV	MDV3	DS	2TWC,TWC	3	3	U	DIRECT FIT	830655	4WD