

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-665-6**

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

Eastern Manufacturing, Inc.  
"Series 865000 Three-way Catalytic Converter"

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

WHEREAS, 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 865000 three-way catalytic converter (TWC) for installation on selected 1996 through 2005 Ford medium-duty vehicles (MDV) equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-665-6 and incorporated herein. Series 865000 TWC will be used for a single or dual exhaust system application, with one catalytic converter per exhaust bank, for the selected Ford MDV. The catalytic converter may be sold as a universal or direct fit system.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Johnson Matthey Catalysts 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 previously conducted at Environmental Research & Development Corp, Ijamsville, Maryland, using a 1999 5.9L Dodge Durango, test group XCRXA0360H32, certified to the medium-duty vehicle 2 category and Low Emission Vehicle emission standards (MDV2, LEV), showed that the vehicle met the applicable emission standards with Series 865000 TWC (1 unit) installed. OBD II compatibility tests performed on the same test vehicle showed that Series 865000 TWC did not affect the vehicle's ability to perform OBD II system monitoring.

WHEREAS, evaluation of Series 865000 TWC 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 converter meets the requirements for proper MIL illumination demonstration.

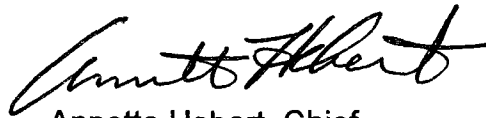
THEREFORE, IT IS HEREBY RESOLVED that Eastern Manufacturing, Inc.'s 865000 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-665-6 subject to the following conditions:

1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of their components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converter as individual devices.
3. Any oral or written references to this Executive Order or its content by 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 converter and is only a finding that the catalytic converter is exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Eastern Manufacturing, Inc.'s installation instructions for the new catalytic converter must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converter shall not cause the relocation of an oxygen sensor. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converter must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Eastern Manufacturing, Inc. and its vendors may not advertise the new aftermarket catalytic converter as "high flow or easy flow" catalytic converter or use any phrase that could make them appear to perform better than the original equipment manufacturer (OEM) catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by the Air Resources Board prior to shipment.

9. 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 16 day of December 2010.



Annette Hebert, Chief  
Mobile Source Operations Division

**Appendix D-665-6**  
**Eastern Manufacturing, Inc. 865000**

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1	1996	Ford	E-350 Econoline	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
2	1996	Ford	E-350 Econoline	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865501	2WD
3	1996	Ford	F-250	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
4	1996	Ford	F-250	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
5	1996	Ford	F-250	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
6	1996	Ford	F-250	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
7	1996	Ford	F-350	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
8	1996	Ford	F-350	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
9	1996	Ford	F-350	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
10	1996	Ford	F-350	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
11	1997	Ford	E-150 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
12	1997	Ford	E-150 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
13	1997	Ford	E-250 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
14	1997	Ford	E-250 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
15	1997	Ford	E-350 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
16	1997	Ford	E-350 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
17	1997	Ford	E-350 Econoline	6.8	VFM6.8J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
18	1997	Ford	E-350 Econoline	6.8	VFM6.8J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
19	1997	Ford	F-250	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
20	1997	Ford	F-250	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
21	1997	Ford	F-250	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
22	1997	Ford	F-250	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
23	1997	Ford	F-350	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
24	1997	Ford	F-350	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
25	1997	Ford	F-350	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
26	1997	Ford	F-350	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
27	1998	Ford	E-150 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
28	1998	Ford	E-150 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
29	1998	Ford	E-250 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
30	1998	Ford	E-250 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
31	1998	Ford	E-350 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
32	1998	Ford	E-350 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
33	1999	Ford	50 Econoline Club Wa	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
34	1999	Ford	E-150 Econoline	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
35	1999	Ford	E-250 Econoline	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
36	1999	Ford	E-350 Econoline	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
37	1999	Ford	E-350 Econoline	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
38	1999	Ford	E-350 Econoline	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865503	2WD
39	1999	Ford	F-250	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
40	1999	Ford	F-250	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
41	1999	Ford	F-250	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
42	1999	Ford	F-250	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
43	1999	Ford	F-250	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
44	1999	Ford	F-250	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
45	1999	Ford	F-250	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD

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**Eastern Manufacturing, Inc. 865000**

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
46	1999	Ford	F-250	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
47	1999	Ford	F-350 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
48	1999	Ford	F-350 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
49	1999	Ford	F-350 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
50	1999	Ford	F-350 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
51	1999	Ford	F-350 Super Duty	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	2WD
52	1999	Ford	F-350 Super Duty	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	865013	4WD
53	1999	Ford	F-350 Super Duty	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	2WD
54	1999	Ford	F-350 Super Duty	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	865505	4WD
55	2000	Ford	Excursion	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
56	2000	Ford	Excursion	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
57	2000	Ford	Excursion	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
58	2000	Ford	Excursion	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
59	2000	Ford	Excursion	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
60	2000	Ford	Excursion	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
61	2000	Ford	Excursion	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
62	2000	Ford	Excursion	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
63	2000	Ford	F-250 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
64	2000	Ford	F-250 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
65	2000	Ford	F-250 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
66	2000	Ford	F-250 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
67	2000	Ford	F-250 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
68	2000	Ford	F-250 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
69	2000	Ford	F-250 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
70	2000	Ford	F-350 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
71	2000	Ford	F-350 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
72	2000	Ford	F-350 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
73	2000	Ford	F-350 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
74	2000	Ford	F-350 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
75	2000	Ford	F-350 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
76	2000	Ford	F-350 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
77	2000	Ford	F-350 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
78	2001	Ford	Excursion	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	UNIVERSAL	865012	2WD
79	2001	Ford	Excursion	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	UNIVERSAL	865012	4WD
80	2001	Ford	Excursion	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	DIRECT FIT	865502	2WD
81	2001	Ford	Excursion	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	DIRECT FIT	865502	4WD
82	2001	Ford	Excursion	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
83	2001	Ford	Excursion	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
84	2001	Ford	Excursion	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
85	2001	Ford	Excursion	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
86	2001	Ford	F-250 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	UNIVERSAL	865012	2WD
87	2001	Ford	F-250 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	UNIVERSAL	865012	4WD
88	2001	Ford	F-250 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	DIRECT FIT	865502	2WD
89	2001	Ford	F-250 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	DIRECT FIT	865502	4WD
90	2001	Ford	F-250 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD

**Appendix D-665-6**  
**Eastern Manufacturing, Inc. 865000**

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
91	2001	Ford	F-250 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
92	2001	Ford	F-250 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
93	2001	Ford	F-250 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
94	2001	Ford	F-350 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	UNIVERSAL	865012	2WD
95	2001	Ford	F-350 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	UNIVERSAL	865012	4WD
96	2001	Ford	F-350 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	DIRECT FIT	865502	2WD
97	2001	Ford	F-350 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV4	S	TWC	1	1	U	DIRECT FIT	865502	4WD
98	2001	Ford	F-350 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
99	2001	Ford	F-350 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
100	2001	Ford	F-350 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
101	2001	Ford	F-350 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
102	2002	Ford	Excursion	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
103	2002	Ford	Excursion	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
104	2002	Ford	Excursion	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
105	2002	Ford	Excursion	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
106	2002	Ford	Excursion	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
107	2002	Ford	Excursion	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
108	2002	Ford	Excursion	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
109	2002	Ford	Excursion	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
110	2002	Ford	F-250 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
111	2002	Ford	F-250 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
112	2002	Ford	F-250 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
113	2002	Ford	F-250 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
114	2002	Ford	F-250 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
115	2002	Ford	F-250 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
116	2002	Ford	F-250 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
117	2002	Ford	F-250 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
118	2002	Ford	F-350 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
119	2002	Ford	F-350 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
120	2002	Ford	F-350 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
121	2002	Ford	F-350 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
122	2002	Ford	F-350 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
123	2002	Ford	F-350 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
124	2002	Ford	F-350 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
125	2002	Ford	F-350 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
126	2003	Ford	Excursion	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
127	2003	Ford	Excursion	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
128	2003	Ford	Excursion	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
129	2003	Ford	Excursion	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
130	2003	Ford	Excursion	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
131	2003	Ford	Excursion	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
132	2003	Ford	Excursion	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
133	2003	Ford	Excursion	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
134	2003	Ford	F-250 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
135	2003	Ford	F-250 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
136	2003	Ford	F-250 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
137	2003	Ford	F-250 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
138	2003	Ford	F-250 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
139	2003	Ford	F-250 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
140	2003	Ford	F-250 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
141	2003	Ford	F-250 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
142	2003	Ford	F-350 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
143	2003	Ford	F-350 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
144	2003	Ford	F-350 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
145	2003	Ford	F-350 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
146	2003	Ford	F-350 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
147	2003	Ford	F-350 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
148	2003	Ford	F-350 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
149	2003	Ford	F-350 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
150	2004	Ford	Excursion	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
151	2004	Ford	Excursion	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
152	2004	Ford	Excursion	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
153	2004	Ford	Excursion	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
154	2004	Ford	Excursion	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
155	2004	Ford	Excursion	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
156	2004	Ford	Excursion	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
157	2004	Ford	Excursion	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
158	2004	Ford	F-250 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
159	2004	Ford	F-250 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
160	2004	Ford	F-250 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
161	2004	Ford	F-250 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
162	2004	Ford	F-250 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
163	2004	Ford	F-250 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
164	2004	Ford	F-250 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
165	2004	Ford	F-250 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
166	2004	Ford	F-350 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
167	2004	Ford	F-350 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
168	2004	Ford	F-350 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
169	2004	Ford	F-350 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
170	2004	Ford	F-350 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
171	2004	Ford	F-350 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
172	2004	Ford	F-350 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
173	2004	Ford	F-350 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
174	2005	Ford	Excursion	5.4	5FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
175	2005	Ford	Excursion	5.4	5FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
176	2005	Ford	Excursion	5.4	5FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD
177	2005	Ford	Excursion	5.4	5FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD
178	2005	Ford	Excursion	6.8	5FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	2WD
179	2005	Ford	Excursion	6.8	5FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	865012	4WD
180	2005	Ford	Excursion	6.8	5FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	2WD

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
181	2005	Ford	Excursion	6.8	5FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	865502	4WD