

**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.

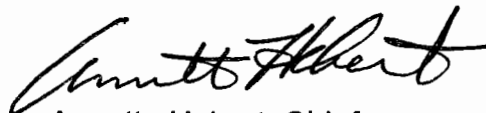
THEREFORE, IT IS HEREBY RESOLVED that Eastern Manufacturing, Inc.'s 865000 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-665-6 subject to the following conditions:

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 |

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 |
|-----|------------|------|------------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 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 |

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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 |
|-----|------------|------|------------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 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 |