

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-562-69  
Relating to Exemptions under Section 27156 and 38391  
of the Vehicle Code

Valina, Inc. (dba Car Tex Manufacturing)  
"Series 106000 Three-way Catalytic Converters"

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

WHEREAS, Valina, Inc. of 4560 Worth Street, Los Angeles, California 90063, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Sections 27156 and 38391 to market its new aftermarket Series 106000 three-way catalytic converters (TWC) on selected 1996 through 2004 model year medium duty vehicles equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-562-69 and incorporated herein. Series 106000 TWCs will be used for single catalytic converter system applications, and may be sold as a universal or direct fit system.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Umicore Automotive Catalysts USA using the Air Resources Board-modified RAT-A bench-aging cycle for 100 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters" as adopted on October 25, 2007.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Valina, Inc. using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-562-69 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-562-2, it was determined that the installation of Series 106000 TWC on the vehicles listed in Appendix D-562-69 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Valina, Inc.'s Series 106000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-562-69 subject to the following conditions:

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

2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converter as individual devices.
3. Any oral or written references to this Executive Order or its content by Valina, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converter and is only a finding that the catalytic converter is exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Valina Inc.'s installation instructions for the new catalytic converter must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converter shall not cause the relocation of any oxygen sensors. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converter must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Valina, Inc. and its vendors may not advertise the new aftermarket catalytic converter as a "high flow or easy flow" catalytic converter or use any phrase that could make them appear to perform better than the original equipment manufacturer (OEM) catalytic converter.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by the Air Resources Board prior to shipment.
9. Valina, Inc., its associates, vendors, other businesses, and individuals associated with Valina, Inc., may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.
10. Valina, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports must be submitted on a semi-annual basis.

12. Valina, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
13. Valina, Inc.'s vehicle application catalog must conform with the requirements as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.

Executive Order D-562-57 dated June 15, 2011, is hereby superseded and of no further force and effect.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-day written notice of intention to revoke it, during which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within 30 days of receipt of the request, and the order may not be revoked until a determination is made, after the hearing, that grounds for revocation exist.

Executed at El Monte, California, this 19<sup>th</sup> day of July 2012.

  
Annette Hebert, Chief

Mobile Source Operations Division

**Appendix D-562-69**

**Valina, Inc. 106000**

| 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       | Chevrolet | Astro        | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 2   | 1996       | Chevrolet | C1500        | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 3   | 1996       | Chevrolet | C1500        | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 4   | 1996       | Chevrolet | C2500        | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 5   | 1996       | Chevrolet | C2500        | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 6   | 1996       | Chevrolet | Express 1500 | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 7   | 1996       | Chevrolet | Express 1500 | 4.3                  | TGM4.38PGBEK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 8   | 1996       | Chevrolet | Express 1500 | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 9   | 1996       | Chevrolet | Express 1500 | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 10  | 1996       | Chevrolet | Express 2500 | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 11  | 1996       | Chevrolet | Express 2500 | 4.3                  | TGM4.38PGBEK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 12  | 1996       | Chevrolet | Express 2500 | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 13  | 1996       | Chevrolet | Express 2500 | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 14  | 1996       | Chevrolet | K1500        | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 15  | 1996       | Chevrolet | K1500        | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 16  | 1996       | Chevrolet | K1500        | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 17  | 1996       | Chevrolet | K2500        | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 18  | 1996       | Chevrolet | K2500        | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 19  | 1997       | Chevrolet | Astro        | 4.3                  | VGM4.3HPG3EK    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 20  | 1997       | Chevrolet | C1500        | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 21  | 1997       | Chevrolet | C1500        | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 22  | 1997       | Chevrolet | C1500        | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 23  | 1997       | Chevrolet | C2500        | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 24  | 1997       | Chevrolet | Express 1500 | 4.3                  | VGM4.3JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 25  | 1997       | Chevrolet | Express 1500 | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 26  | 1997       | Chevrolet | Express 1500 | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 27  | 1997       | Chevrolet | Express 1500 | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 28  | 1997       | Chevrolet | Express 2500 | 4.3                  | VGM4.3JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 29  | 1997       | Chevrolet | Express 2500 | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 30  | 1997       | Chevrolet | Express 2500 | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 31  | 1997       | Chevrolet | K1500        | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 32  | 1997       | Chevrolet | K1500        | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 33  | 1997       | Chevrolet | K1500        | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 34  | 1997       | Chevrolet | K2500        | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 35  | 1998       | Chevrolet | Astro        | 4.3                  | WGMXA04.3188    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 36  | 1998       | Chevrolet | C1500        | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 37  | 1998       | Chevrolet | C1500        | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 38  | 1998       | Chevrolet | C2500        | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 39  | 1998       | Chevrolet | Express 1500 | 4.3                  | WGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 40  | 1998       | Chevrolet | Express 1500 | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 41  | 1998       | Chevrolet | Express 1500 | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 42  | 1998       | Chevrolet | Express 1500 | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 43  | 1998       | Chevrolet | Express 2500 | 4.3                  | WGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 44  | 1998       | Chevrolet | Express 2500 | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 45  | 1998       | Chevrolet | Express 2500 | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |

**Appendix D-562-69**

**Valina, Inc. 106000**

| 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  | 1998       | Chevrolet | K1500          | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 47  | 1998       | Chevrolet | K1500          | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 48  | 1998       | Chevrolet | K1500          | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 49  | 1998       | Chevrolet | K3500          | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 50  | 1999       | Chevrolet | Astro          | 4.3                  | XGMXA04.3188    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 51  | 1999       | Chevrolet | C1500          | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 52  | 1999       | Chevrolet | C1500          | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 53  | 1999       | Chevrolet | Express 1500   | 4.3                  | XGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 54  | 1999       | Chevrolet | Express 1500   | 4.3                  | XGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 55  | 1999       | Chevrolet | Express 1500   | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 56  | 1999       | Chevrolet | Express 1500   | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 57  | 1999       | Chevrolet | Express 2500   | 4.3                  | XGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 58  | 1999       | Chevrolet | Express 2500   | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 59  | 1999       | Chevrolet | Express 2500   | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 60  | 1999       | Chevrolet | K1500          | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 61  | 1999       | Chevrolet | K1500          | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 62  | 2000       | Chevrolet | Express 1500   | 5                    | YGMXT05.7188    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 63  | 2000       | Chevrolet | Express 1500   | 5                    | YGMXT05.7189    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 64  | 2000       | Chevrolet | Express 2500   | 5                    | YGMXT05.7189    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 65  | 2001       | Chevrolet | Express 1500   | 4.3                  | 1GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 66  | 2001       | Chevrolet | Express 1500   | 4.8                  | 1GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 67  | 2001       | Chevrolet | Express 1500   | 5                    | 1GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 68  | 2001       | Chevrolet | Express 1500   | 5                    | 1GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 69  | 2001       | Chevrolet | Express 2500   | 4.3                  | 1GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 70  | 2001       | Chevrolet | Express 2500   | 4.8                  | 1GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 71  | 2001       | Chevrolet | Express 2500   | 5                    | 1GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 72  | 2001       | Chevrolet | Express 2500   | 5                    | 1GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 73  | 2002       | Chevrolet | Express 1500   | 4.3                  | 2GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 74  | 2002       | Chevrolet | Express 1500   | 5                    | 2GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 75  | 2002       | Chevrolet | Express 1500   | 5                    | 2GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 76  | 2002       | Chevrolet | Express 2500   | 4.3                  | 2GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 77  | 2002       | Chevrolet | Express 2500   | 5                    | 2GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 78  | 2002       | Chevrolet | Express 2500   | 5                    | 2GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 79  | 2002       | Chevrolet | Trailblazer    | 4.2                  | 2GMXA04.2187    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 80  | 2003       | Chevrolet | Express 1500   | 4.3                  | 3GMXT04.3184    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 81  | 2003       | Chevrolet | Express 2500   | 4.3                  | 3GMXT04.3184    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 82  | 2003       | Chevrolet | Silverado 1500 | 4.3                  | 3GMXT04.3184    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 83  | 2003       | Chevrolet | Trailblazer    | 4.2                  | 3GMXA04.2187    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 84  | 1996       | Dodge     | B1500          | 3.9                  | TCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 85  | 1996       | Dodge     | B1500          | 5.2                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 86  | 1996       | Dodge     | B1500          | 5.9                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 87  | 1996       | Dodge     | B2500          | 3.9                  | TCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 88  | 1996       | Dodge     | B2500          | 5.2                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 89  | 1996       | Dodge     | B2500          | 5.2                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 90  | 1996       | Dodge     | B2500          | 5.9                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |

**Appendix D-562-69**

**Valina, Inc. 106000**

| 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  | 1996       | Dodge | B2500    | 5.9                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 92  | 1996       | Dodge | B3500    | 5.2                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 93  | 1996       | Dodge | B3500    | 5.9                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 94  | 1996       | Dodge | Dakota   | 3.9                  | TCR23928G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 95  | 1996       | Dodge | Dakota   | 3.9                  | TCR239H8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 96  | 1996       | Dodge | Dakota   | 5.2                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 97  | 1996       | Dodge | Dakota   | 5.2                  | TCR31828G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 98  | 1996       | Dodge | Ram 1500 | 3.9                  | TCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 99  | 1996       | Dodge | Ram 1500 | 5.2                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 100 | 1996       | Dodge | Ram 1500 | 5.2                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 101 | 1996       | Dodge | Ram 1500 | 5.9                  | TCR360H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 102 | 1996       | Dodge | Ram 1500 | 5.9                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 103 | 1996       | Dodge | Ram 2500 | 3.9                  | TCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 104 | 1996       | Dodge | Ram 2500 | 5.2                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 105 | 1996       | Dodge | Ram 2500 | 5.9                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 106 | 1996       | Dodge | Ram 2500 | 8                    | TCR488J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 107 | 1996       | Dodge | Ram 3500 | 3.9                  | TCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 108 | 1996       | Dodge | Ram 3500 | 5.2                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 109 | 1996       | Dodge | Ram 3500 | 5.9                  | TCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 110 | 1996       | Dodge | Ram 3500 | 8                    | TCR488J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 111 | 1996       | Dodge | Ram 3500 | 8                    | TCR488K8G1EK    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 112 | 1997       | Dodge | B1500    | 3.9                  | VCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 113 | 1997       | Dodge | B1500    | 5.2                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 114 | 1997       | Dodge | B1500    | 5.9                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 115 | 1997       | Dodge | B2500    | 3.9                  | VCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 116 | 1997       | Dodge | B2500    | 5.2                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 117 | 1997       | Dodge | B2500    | 5.9                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 118 | 1997       | Dodge | B3500    | 5.2                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 119 | 1997       | Dodge | B3500    | 5.9                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 120 | 1997       | Dodge | Dakota   | 3.9                  | VCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106033          | ALL              |
| 121 | 1997       | Dodge | Dakota   | 5.2                  | VCR318H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 122 | 1997       | Dodge | Dakota   | 5.2                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 123 | 1997       | Dodge | Dakota   | 5.9                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 124 | 1997       | Dodge | Ram 1500 | 3.9                  | VCR239H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106033          | ALL              |
| 125 | 1997       | Dodge | Ram 1500 | 5.2                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 126 | 1997       | Dodge | Ram 1500 | 5.2                  | VCR318H8G1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 127 | 1997       | Dodge | Ram 1500 | 5.2                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 128 | 1997       | Dodge | Ram 1500 | 5.2                  | VCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 129 | 1997       | Dodge | Ram 1500 | 5.9                  | VCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 130 | 1997       | Dodge | Ram 1500 | 5.9                  | VCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 131 | 1997       | Dodge | Ram 1500 | 5.9                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 132 | 1997       | Dodge | Ram 2500 | 5.2                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 133 | 1997       | Dodge | Ram 2500 | 5.2                  | VCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 134 | 1997       | Dodge | Ram 2500 | 5.9                  | VCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 135 | 1997       | Dodge | Ram 2500 | 5.9                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |

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**Valina, Inc. 106000**

| 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 | 1997       | Dodge | Ram 2500     | 8                    | VCR488J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 137 | 1997       | Dodge | Ram 3500     | 5.2                  | VCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 138 | 1997       | Dodge | Ram 3500     | 5.2                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 139 | 1997       | Dodge | Ram 3500     | 5.9                  | VCR360J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 140 | 1997       | Dodge | Ram 3500     | 5.9                  | VCR360J8G1EL    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 141 | 1997       | Dodge | Ram 3500     | 8                    | VCR488J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 142 | 1997       | Dodge | Ram 3500     | 8                    | VCR488K8G1EK    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 143 | 1998       | Dodge | B1500        | 3.9                  | WCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 144 | 1998       | Dodge | B1500        | 5.2                  | WCRXA0318H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 145 | 1998       | Dodge | B1500        | 5.9                  | WCRXA0360H31    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 146 | 1998       | Dodge | B1500        | 5.9                  | WCRXA0360J31    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 147 | 1998       | Dodge | B2500        | 5.2                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 148 | 1998       | Dodge | B2500        | 5.9                  | WCRXA0360J31    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 149 | 1998       | Dodge | B2500        | 5.9                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 150 | 1998       | Dodge | B3500        | 5.9                  | WCRXA0360J31    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 151 | 1998       | Dodge | B3500        | 5.9                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 152 | 1998       | Dodge | Dakota       | 3.9                  | WCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 153 | 1998       | Dodge | Dakota       | 5.2                  | WCRXA0318H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 154 | 1998       | Dodge | Durango      | 5.9                  | WCRXA0360H32    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 155 | 1998       | Dodge | Ram 1500     | 3.9                  | WCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 156 | 1998       | Dodge | Ram 1500     | 5.2                  | WCRXA0318H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 157 | 1998       | Dodge | Ram 1500     | 5.2                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 158 | 1998       | Dodge | Ram 1500     | 5.9                  | WCRXA0360H31    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 159 | 1998       | Dodge | Ram 1500     | 5.9                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 160 | 1998       | Dodge | Ram 2500     | 5.2                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 161 | 1998       | Dodge | Ram 2500     | 5.9                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 162 | 1998       | Dodge | Ram 2500     | 8                    | WCRXA0488J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 163 | 1998       | Dodge | Ram 3500     | 5.2                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 164 | 1998       | Dodge | Ram 3500     | 5.9                  | WCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 165 | 1998       | Dodge | Ram 3500     | 8                    | WCRXA0488J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 166 | 1998       | Dodge | Ram 3500     | 8                    | WCRXA0488K11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 167 | 1999       | Dodge | Durango      | 3.9                  | XCRXA0239H12    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 168 | 1999       | Dodge | Ram 1500 Van | 3.9                  | XCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 169 | 1999       | Dodge | Ram 1500 Van | 5.2                  | XCRXA0318H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 170 | 1999       | Dodge | Ram 1500 Van | 5.2                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 171 | 1999       | Dodge | Ram 1500 Van | 5.2                  | XCRXA0360J31    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 172 | 1999       | Dodge | Ram 1500 Van | 5.9                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 173 | 1999       | Dodge | Ram 1500     | 3.9                  | XCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 174 | 1999       | Dodge | Ram 1500     | 5.2                  | XCRXA0318H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 175 | 1999       | Dodge | Ram 1500     | 5.2                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 176 | 1999       | Dodge | Ram 1500     | 5.9                  | XCRXA0360H31    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 177 | 1999       | Dodge | Ram 1500     | 5.9                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 178 | 1999       | Dodge | Ram 2500 Van | 5.2                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 179 | 1999       | Dodge | Ram 2500 Van | 5.2                  | XCRXA0360J31    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 180 | 1999       | Dodge | Ram 2500 Van | 5.9                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |

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**Valina, Inc. 106000**

| 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 | 1999       | Dodge | Ram 2500     | 5.2                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 182 | 1999       | Dodge | Ram 2500     | 5.9                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 183 | 1999       | Dodge | Ram 2500     | 8                    | XCRXA0488J11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 184 | 1999       | Dodge | Ram 3500 Van | 3.9                  | XCRXA0239H12    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 185 | 1999       | Dodge | Ram 3500 Van | 5.2                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 186 | 1999       | Dodge | Ram 3500 Van | 5.2                  | XCRXA0360J31    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 187 | 1999       | Dodge | Ram 3500 Van | 5.9                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 188 | 1999       | Dodge | Ram 3500     | 5.2                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 189 | 1999       | Dodge | Ram 3500     | 5.9                  | XCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 190 | 1999       | Dodge | Ram 3500     | 8                    | XCRXA0488J11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 191 | 1999       | Dodge | Ram 3500     | 8                    | XCRXA0488K11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 192 | 2000       | Dodge | Dakota       | 5.2                  | YCRXA0360H32    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 193 | 2000       | Dodge | Dakota       | 5.9                  | YCRXA0360H32    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 194 | 2000       | Dodge | Durango      | 5.2                  | YCRXA0360H32    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 195 | 2000       | Dodge | Durango      | 5.9                  | YCRXA0360H32    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 196 | 2000       | Dodge | Ram 1500 Van | 3.9                  | YCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 197 | 2000       | Dodge | Ram 1500 Van | 5.2                  | YCRXA0360H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 198 | 2000       | Dodge | Ram 1500 Van | 5.2                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 199 | 2000       | Dodge | Ram 1500 Van | 5.9                  | YCRXA0360H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 200 | 2000       | Dodge | Ram 1500 Van | 5.9                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 201 | 2000       | Dodge | Ram 1500     | 3.9                  | YCRXA0239H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 202 | 2000       | Dodge | Ram 1500     | 5.2                  | YCRXA0360H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 203 | 2000       | Dodge | Ram 1500     | 5.2                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 204 | 2000       | Dodge | Ram 1500     | 5.9                  | YCRXA0360H11    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 205 | 2000       | Dodge | Ram 1500     | 5.9                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 206 | 2000       | Dodge | Ram 2500 Van | 5.2                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 207 | 2000       | Dodge | Ram 2500 Van | 5.9                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 208 | 2000       | Dodge | Ram 2500     | 5.2                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 209 | 2000       | Dodge | Ram 2500     | 5.9                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 210 | 2000       | Dodge | Ram 3500 Van | 5.2                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 211 | 2000       | Dodge | Ram 3500 Van | 5.9                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 212 | 2000       | Dodge | Ram 3500     | 5.2                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 213 | 2000       | Dodge | Ram 3500     | 5.9                  | YCRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 214 | 2000       | Dodge | Ram 3500     | 8                    | YCRXA0488K11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 215 | 2001       | Dodge | Ram 1500 Van | 3.9                  | 1CRXT03.95B2    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 216 | 2001       | Dodge | Ram 1500 Van | 3.9                  | 1CRXT03.95B9    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 217 | 2001       | Dodge | Ram 1500 Van | 5.2                  | 1CRXT05.95B1    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 218 | 2001       | Dodge | Ram 1500 Van | 5.2                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 219 | 2001       | Dodge | Ram 1500 Van | 5.9                  | 1CRXT05.95B1    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 220 | 2001       | Dodge | Ram 1500 Van | 5.9                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 221 | 2001       | Dodge | Ram 1500     | 3.9                  | 1CRXT03.95B2    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 222 | 2001       | Dodge | Ram 1500     | 3.9                  | 1CRXT03.95B9    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 223 | 2001       | Dodge | Ram 1500     | 5.2                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 224 | 2001       | Dodge | Ram 1500     | 5.2                  | 1CRXA0360J18    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 225 | 2001       | Dodge | Ram 1500     | 5.2                  | 1CRXT05.95B1    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |

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| No. | Model Year | Make  | Model        | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|-----|------------|-------|--------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 226 | 2001       | Dodge | Ram 1500     | 5.2                  | 1CRXT05.95B8    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 227 | 2001       | Dodge | Ram 1500     | 5.9                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 228 | 2001       | Dodge | Ram 1500     | 5.9                  | 1CRXT05.95B1    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 229 | 2001       | Dodge | Ram 1500     | 5.9                  | 1CRXT05.95B8    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 230 | 2001       | Dodge | Ram 2500 Van | 3.9                  | 1CRXT03.95B9    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 231 | 2001       | Dodge | Ram 2500 Van | 5.2                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 232 | 2001       | Dodge | Ram 2500 Van | 5.9                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 233 | 2001       | Dodge | Ram 2500     | 5.2                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 234 | 2001       | Dodge | Ram 2500     | 5.9                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 235 | 2001       | Dodge | Ram 2500     | 5.9                  | 1CRXA0360J18    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 236 | 2001       | Dodge | Ram 2500     | 8                    | 1CRXA0488J18    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 237 | 2001       | Dodge | Ram 3500 Van | 5.2                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 238 | 2001       | Dodge | Ram 3500 Van | 5.9                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 239 | 2001       | Dodge | Ram 3500 Van | 5.9                  | 1CRXA0360K11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 240 | 2001       | Dodge | Ram 3500 Van | 5.9                  | 1CRXA0360K18    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 241 | 2001       | Dodge | Ram 3500     | 5.2                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 242 | 2001       | Dodge | Ram 3500     | 5.9                  | 1CRXA0360J18    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 243 | 2001       | Dodge | Ram 3500     | 5.9                  | 1CRXA0360J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 244 | 2001       | Dodge | Ram 3500     | 5.9                  | 1CRXA0360K11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 245 | 2001       | Dodge | Ram 3500     | 5.9                  | 1CRXA0360K18    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 246 | 2001       | Dodge | Ram 3500     | 8                    | 1CRXA0488J18    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 247 | 2001       | Dodge | Ram 3500     | 8                    | 1CRXA0488K18    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 248 | 2002       | Dodge | Ram 1500 Van | 3.9                  | 2CRXT03.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 249 | 2002       | Dodge | Ram 1500 Van | 5.2                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 250 | 2002       | Dodge | Ram 1500 Van | 5.2                  | 2CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 251 | 2002       | Dodge | Ram 1500 Van | 5.2                  | 2CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 252 | 2002       | Dodge | Ram 1500 Van | 5.9                  | 2CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 253 | 2002       | Dodge | Ram 1500 Van | 5.9                  | 2CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 254 | 2002       | Dodge | Ram 1500     | 3.7                  | 2CRXT03.75B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 255 | 2002       | Dodge | Ram 1500     | 3.9                  | 2CRXT03.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 256 | 2002       | Dodge | Ram 1500     | 5.2                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 257 | 2002       | Dodge | Ram 2500 Van | 5.2                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 258 | 2002       | Dodge | Ram 2500     | 5.2                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 259 | 2002       | Dodge | Ram 2500     | 8                    | 2CRXA0488J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 260 | 2002       | Dodge | Ram 3500 Van | 5.2                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 261 | 2002       | Dodge | Ram 3500 Van | 5.9                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 262 | 2002       | Dodge | Ram 3500     | 5.2                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 263 | 2002       | Dodge | Ram 3500     | 5.9                  | 2CRXA0360K10    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 264 | 2002       | Dodge | Ram 3500     | 5.9                  | 2CRXA0360J10    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 265 | 2002       | Dodge | Ram 3500     | 8                    | 2CRXA0488J11    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 266 | 2002       | Dodge | Ram 3500     | 8                    | 2CRXA0488K11    | TIER1               | MDV4         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 267 | 2003       | Dodge | Dakota       | 3.9                  | 3CRXT03.95B1    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 268 | 2003       | Dodge | Ram 1500 Van | 3.9                  | 3CRXT03.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 269 | 2003       | Dodge | Ram 1500 Van | 3.9                  | 3CRXT03.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 270 | 2003       | Dodge | Ram 1500 Van | 5.2                  | 3CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |

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| No. | Model Year | Make  | Model            | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|-----|------------|-------|------------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 271 | 2003       | Dodge | Ram 1500 Van     | 5.2                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 272 | 2003       | Dodge | Ram 1500 Van     | 5.2                  | 3CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 273 | 2003       | Dodge | Ram 1500 Van     | 5.9                  | 3CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 274 | 2003       | Dodge | Ram 1500 Van     | 5.9                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 275 | 2003       | Dodge | Ram 1500 Van     | 5.9                  | 3CRXT05.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 276 | 2003       | Dodge | Ram 1500         | 3.7                  | 3CRXT03.75B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 277 | 2003       | Dodge | Ram 1500         | 5.7                  | 3CRXT05.96B1    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 278 | 2003       | Dodge | Ram 1500         | 5.9                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 279 | 2003       | Dodge | Ram 1500         | 5.9                  | 3CRXT05.96B1    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 280 | 2003       | Dodge | Ram 1500         | 5.9                  | 3CRXT05.95B1    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 281 | 2003       | Dodge | Ram 2500 Van     | 3.9                  | 3CRXT03.95B0    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 282 | 2003       | Dodge | Ram 2500 Van     | 5.2                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 283 | 2003       | Dodge | Ram 2500 Van     | 5.9                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 284 | 2003       | Dodge | Ram 2500         | 5.2                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 285 | 2003       | Dodge | Ram 2500         | 5.7                  | 3CRXT05.96B1    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 286 | 2003       | Dodge | Ram 2500         | 5.9                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 287 | 2003       | Dodge | Ram 3500 Van     | 5.2                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 288 | 2003       | Dodge | Ram 3500 Van     | 5.9                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 289 | 2003       | Dodge | Ram 3500         | 5.2                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 290 | 2003       | Dodge | Ram 3500         | 5.7                  | 3CRXT05.96B1    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 291 | 2003       | Dodge | Ram 3500         | 5.9                  | 3CRXT05.96B0    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106060          | ALL              |
| 292 | 1996       | Ford  | E-150 Econoline  | 4.9                  | TFM4.968GFJK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 293 | 1996       | Ford  | E-250 Econoline  | 4.9                  | TFM4.968GFJK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 294 | 1996       | Ford  | E-350 Econoline  | 4.9                  | TFM4.968GFJK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 295 | 1996       | Ford  | E-350 Econoline  | 7.5                  | TFM7.5J8G1CK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 296 | 1996       | Ford  | F-150            | 4.9                  | TFM4.958GFJK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 297 | 1996       | Ford  | F-250            | 4.9                  | TFM4.958GFJK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 298 | 1996       | Ford  | F-250            | 7.5                  | TFM7.5J8G1CK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 299 | 1996       | Ford  | F-350            | 7.5                  | TFM7.5J8G1CK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 300 | 1997       | Ford  | E-150 Econoline  | 5.4                  | VFM5.4J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 301 | 1997       | Ford  | E-250 Econoline  | 5.4                  | VFM5.4J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 302 | 1997       | Ford  | E-350 Econoline  | 5.4                  | VFM5.4J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 303 | 1997       | Ford  | E-350 Econoline  | 6.8                  | VFM6.8J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 304 | 1997       | Ford  | F-250            | 7.5                  | VFM7.5J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 305 | 1997       | Ford  | F-350            | 7.5                  | VFM7.5J8G1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 306 | 1998       | Ford  | E-150 Econoline  | 5.4                  | WFMXA05.4JBP    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 307 | 1998       | Ford  | E-250 Econoline  | 5.4                  | WFMXA05.4JBP    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 308 | 1998       | Ford  | E-350 Econoline  | 5.4                  | WFMXA05.4JBP    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 309 | 1999       | Ford  | E-350 Econoline  | 6.8                  | XFMXA06.8JBC    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 310 | 1999       | Ford  | F-250 Super Duty | 6.8                  | XFMXA06.8JBC    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 311 | 1999       | Ford  | F-250            | 5.4                  | XFMXA05.4JBN    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 312 | 1999       | Ford  | F-250            | 6.8                  | XFMXA06.8JBC    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 313 | 1999       | Ford  | F-350 Super Duty | 5.4                  | XFMXA05.4JBN    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 314 | 1999       | Ford  | F-350 Super Duty | 6.8                  | XFMXA06.8JBC    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 315 | 2000       | Ford  | Excursion        | 5.4                  | YFMXA05.4JGP    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |

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**Valina, Inc. 106000**

| 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 |
|-----|------------|------|------------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 316 | 2000       | Ford | Excursion        | 6.8                  | YFMXA06.8JGN    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 317 | 2000       | Ford | F-250 Super Duty | 5.4                  | YFMXA05.4JGP    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 318 | 2000       | Ford | F-250 Super Duty | 6.8                  | YFMXA06.8JGN    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 319 | 2000       | Ford | F-350 Super Duty | 5.4                  | YFMXA05.4JGP    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 320 | 2000       | Ford | F-350 Super Duty | 6.8                  | YFMXA06.8JGN    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 321 | 2001       | Ford | Excursion        | 5.4                  | 1FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 322 | 2001       | Ford | Excursion        | 6.8                  | 1FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 323 | 2001       | Ford | F-250 Super Duty | 5.4                  | 1FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 324 | 2001       | Ford | F-250 Super Duty | 6.8                  | 1FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 325 | 2001       | Ford | F-350 Super Duty | 5.4                  | 1FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 326 | 2001       | Ford | F-350 Super Duty | 6.8                  | 1FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 327 | 2002       | Ford | Excursion        | 5.4                  | 2FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 328 | 2002       | Ford | Excursion        | 6.8                  | 2FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 329 | 2002       | Ford | F-250 Super Duty | 5.4                  | 2FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 330 | 2002       | Ford | F-250 Super Duty | 6.8                  | 2FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 331 | 2002       | Ford | F-350 Super Duty | 5.4                  | 2FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 332 | 2002       | Ford | F-350 Super Duty | 6.8                  | 2FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 333 | 2003       | Ford | Excursion        | 5.4                  | 3FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 334 | 2003       | Ford | Excursion        | 6.8                  | 3FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 335 | 2003       | Ford | F-250 Super Duty | 5.4                  | 3FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 336 | 2003       | Ford | F-250 Super Duty | 6.8                  | 3FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 337 | 2003       | Ford | F-350 Super Duty | 5.4                  | 3FMXA05.4JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 338 | 2003       | Ford | F-350 Super Duty | 6.8                  | 3FMXA06.8JFC    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 339 | 2004       | Ford | Excursion        | 5.4                  | 4FMXT05.4SQ2    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 340 | 2004       | Ford | Excursion        | 6.8                  | 4FMXT06.8TQ3    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 341 | 2004       | Ford | F-250 Super Duty | 5.4                  | 4FMXT05.4SQ2    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 342 | 2004       | Ford | F-250 Super Duty | 6.8                  | 4FMXT06.8TQ3    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 343 | 2004       | Ford | F-350 Super Duty | 5.4                  | 4FMXT05.4SQ2    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 344 | 2004       | Ford | F-350 Super Duty | 6.8                  | 4FMXT06.8TQ3    | LEV1 LEV            | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 345 | 1996       | GMC  | C1500            | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 346 | 1996       | GMC  | C1500            | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 347 | 1996       | GMC  | C2500            | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 348 | 1996       | GMC  | C2500            | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 349 | 1996       | GMC  | K1500            | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 350 | 1996       | GMC  | K1500            | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 351 | 1996       | GMC  | K1500            | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 352 | 1996       | GMC  | K2500            | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 353 | 1996       | GMC  | K2500            | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 354 | 1996       | GMC  | Safari           | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 355 | 1996       | GMC  | Savana 1500      | 4.3                  | TGM4.38PGBEK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 356 | 1996       | GMC  | Savana 1500      | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 357 | 1996       | GMC  | Savana 1500      | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 358 | 1996       | GMC  | Savana 1500      | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 359 | 1996       | GMC  | Savana 2500      | 4.3                  | TGM4.38PGBEK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 360 | 1996       | GMC  | Savana 2500      | 4.3                  | TGM4.35PGFEK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |

**Appendix D-562-69**

**Valina, Inc. 106000**

| 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 |
|-----|------------|------|-------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 361 | 1996       | GMC  | Savana 2500 | 5                    | TGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 362 | 1996       | GMC  | Savana 2500 | 5                    | TGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 363 | 1997       | GMC  | C1500       | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 364 | 1997       | GMC  | C1500       | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 365 | 1997       | GMC  | C1500       | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 366 | 1997       | GMC  | C2500       | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 367 | 1997       | GMC  | K1500       | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 368 | 1997       | GMC  | K1500       | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 369 | 1997       | GMC  | K1500       | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 370 | 1997       | GMC  | K2500       | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 371 | 1997       | GMC  | Safari      | 4.3                  | VGM4.3HPG3EK    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 372 | 1997       | GMC  | Savana 1500 | 4.3                  | VGM4.3JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 373 | 1997       | GMC  | Savana 1500 | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 374 | 1997       | GMC  | Savana 1500 | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 375 | 1997       | GMC  | Savana 1500 | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 376 | 1997       | GMC  | Savana 2500 | 4.3                  | VGM4.3JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 377 | 1997       | GMC  | Savana 2500 | 4.3                  | VGM4.3HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 378 | 1997       | GMC  | Savana 2500 | 5                    | VGM5.0JPG1EK    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 379 | 1997       | GMC  | Savana 2500 | 5                    | VGM5.0HPG1EK    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 380 | 1998       | GMC  | C1500       | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 381 | 1998       | GMC  | C1500       | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 382 | 1998       | GMC  | C2500       | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 383 | 1998       | GMC  | K1500       | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 384 | 1998       | GMC  | K1500       | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 385 | 1998       | GMC  | K1500       | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 386 | 1998       | GMC  | K3500       | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 387 | 1998       | GMC  | Safari      | 4.3                  | WGMXA04.3188    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 388 | 1998       | GMC  | Savana 1500 | 4.3                  | WGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 389 | 1998       | GMC  | Savana 1500 | 4.3                  | WGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 390 | 1998       | GMC  | Savana 1500 | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 391 | 1998       | GMC  | Savana 1500 | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 392 | 1998       | GMC  | Savana 2500 | 4.3                  | WGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 393 | 1998       | GMC  | Savana 2500 | 5                    | WGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 394 | 1998       | GMC  | Savana 2500 | 5                    | WGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 395 | 1999       | GMC  | C1500       | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 396 | 1999       | GMC  | C1500       | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 397 | 1999       | GMC  | K1500       | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 398 | 1999       | GMC  | K1500       | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 399 | 1999       | GMC  | Safari      | 4.3                  | XGMXA04.3188    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 400 | 1999       | GMC  | Savana 1500 | 4.3                  | XGMXA04.3190    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 401 | 1999       | GMC  | Savana 1500 | 4.3                  | XGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 402 | 1999       | GMC  | Savana 1500 | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 403 | 1999       | GMC  | Savana 1500 | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 404 | 1999       | GMC  | Savana 2500 | 4.3                  | XGMXA04.3192    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 405 | 1999       | GMC  | Savana 2500 | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |

**Appendix D-562-69**

**Valina, Inc. 106000**

| 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 |
|-----|------------|-------|-------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 406 | 1999       | GMC   | Savana 2500 | 5                    | XGMXA05.0184    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 407 | 1999       | GMC   | Sierra 1500 | 5                    | XGMXA05.0182    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106050          | ALL              |
| 408 | 2000       | GMC   | Savana 1500 | 5                    | YGMXT05.7188    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 409 | 2000       | GMC   | Savana 1500 | 5                    | YGMXT05.7189    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 410 | 2000       | GMC   | Savana 2500 | 5                    | YGMXT05.7189    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 411 | 2001       | GMC   | Savana 1500 | 4.3                  | 1GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 412 | 2001       | GMC   | Savana 1500 | 5                    | 1GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 413 | 2001       | GMC   | Savana 1500 | 5                    | 1GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 414 | 2001       | GMC   | Savana 2500 | 4.3                  | 1GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 415 | 2001       | GMC   | Savana 2500 | 5                    | 1GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 416 | 2001       | GMC   | Savana 2500 | 5                    | 1GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 417 | 2002       | GMC   | Envoy       | 4.2                  | 2GMXA04.2187    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 418 | 2002       | GMC   | Savana 1500 | 4.3                  | 2GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 419 | 2002       | GMC   | Savana 1500 | 5                    | 2GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 420 | 2002       | GMC   | Savana 2500 | 4.3                  | 2GMXA04.3192    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 421 | 2002       | GMC   | Savana 2500 | 5                    | 2GMXT05.0181    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 422 | 2002       | GMC   | Savana 2500 | 5                    | 2GMXT05.0182    | TIER1               | MDV3         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 423 | 2003       | GMC   | Envoy       | 4.2                  | 3GMXA04.2187    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 424 | 2003       | GMC   | Savana 1500 | 4.3                  | 3GMXT04.3184    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 425 | 2003       | GMC   | Sierra 1500 | 4.3                  | 3GMXT04.3184    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 426 | 2003       | GMC   | Sierra 2500 | 4.3                  | 3GMXT04.3184    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |
| 427 | 2003       | Isuzu | Ascender    | 4.2                  | 3GMXA04.2187    | LEV1 LEV            | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106030          | ALL              |
| 428 | 1996       | Jeep  | Cherokee    | 5.2                  | TCR360H8G1EL    | TIER1               | MDV2         | S            | TWC            | 1               | 1                   | U              | UNIVERSAL           | 106040          | ALL              |