

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-193-68**

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

Car Sound Exhaust System, Inc. (d.b.a. Magnaflow)  
"Series 41100 & 41400 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, Car Sound Exhaust System, Inc. (Car Sound) of 22961 Arroyo Vista, Rancho Santa Margarita, California 92688, 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 41100 & 41400 three-way catalytic converters (TWC) for installation on selected 1994 through 2004 model year Ford passenger cars and light-duty trucks 1 equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-68 and incorporated herein. Series 41100 & 41400 TWCs will be used for multiple catalytic converter applications, with Series 41100 used as the front catalytic converter and Series 41400 as the rear catalytic converter.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converters comply with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Umicore Automotive Catalysts USA using the Air Resources Board-modified RAT-A bench-aging cycle for 75 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 Car Sound Exhaust System, Inc. using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-193-68 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Order D-193-39, it was determined that the installation of Series 41100 & 41400 TWCs on vehicles listed in Appendix D-193-68 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust System, Inc.'s Series 41100 & 41400 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-68 subject to the following conditions:


1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
2. Marketing of the catalytic converters using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converters for application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of these products shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converters as individual devices.
3. Any oral or written references to this Executive Order or its content by Car Sound Exhaust System, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converters and is only a finding that the catalytic converters are exempt from the prohibitions of Vehicle Code Sections 27156 and 38391.
4. Car Sound Exhaust System, Inc.'s installation instructions for the new catalytic converters must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converters shall not cause the relocation of an oxygen sensor. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converters must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Car Sound Exhaust System, Inc. and its vendors may not advertise the new aftermarket catalytic converters as "high flow or easy flow" catalytic converters or use any phrase that could make them appear to perform better than the original equipment manufacturer (OEM) catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic 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. Car Sound Exhaust System, Inc., its associates, vendors, other businesses and individuals associated with Car Sound Exhaust System, 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. Car Sound Exhaust System, 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 on a semi-annual basis, starting with periods covering January 1 through March 31, 2009 and January 1 through June 30, 2009, respectively.
12. Car Sound Exhaust System, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.
13. Car Sound Exhaust System, Inc.'s vehicle application catalog must conform with the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Orders D-193-39 dated August 24, 2006, and D-193-56 dated July 1, 2008 are hereby superseded and of no further force and effect.

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

Executed at El Monte, California, this 15<sup>th</sup> day of January 2009.

  
Annette Hebert, Chief  
Mobile Source Operations Division

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| No. | Model Year | Make       | Model       | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|-----|------------|------------|-------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 1   | 1995       | FORD TRUCK | FORD RANGER | 3                    | SFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 2   | 1995       | FORD TRUCK | FORD RANGER | 3                    | SFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 3   | 1995       | FORD TRUCK | FORD RANGER | 3                    | SFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 4   | 1995       | FORD TRUCK | FORD RANGER | 4                    | SFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 5   | 1995       | FORD TRUCK | FORD RANGER | 4                    | SFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 6   | 1995       | FORD TRUCK | FORD RANGER | 4                    | SFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 7   | 1996       | FORD TRUCK | FORD RANGER | 3                    | TFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 8   | 1996       | FORD TRUCK | FORD RANGER | 3                    | TFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 9   | 1996       | FORD TRUCK | FORD RANGER | 3                    | TFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 10  | 1996       | FORD TRUCK | FORD RANGER | 4                    | TFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 11  | 1996       | FORD TRUCK | FORD RANGER | 4                    | TFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 12  | 1996       | FORD TRUCK | FORD RANGER | 4                    | TFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 13  | 1997       | FORD TRUCK | FORD RANGER | 3                    | VFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 14  | 1997       | FORD TRUCK | FORD RANGER | 3                    | VFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 15  | 1997       | FORD TRUCK | FORD RANGER | 3                    | VFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 16  | 1997       | FORD TRUCK | FORD RANGER | 4                    | VFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 17  | 1997       | FORD TRUCK | FORD RANGER | 4                    | VFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 18  | 1997       | FORD TRUCK | FORD RANGER | 4                    | VFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 19  | 1998       | FORD TRUCK | FORD RANGER | 2.5                  | WFMXT02.5BAA    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 20  | 1998       | FORD TRUCK | FORD RANGER | 2.5                  | WFMXT02.5AAA    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 21  | 1998       | FORD TRUCK | FORD RANGER | 2.5                  | WFMXT02.5BAA    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 22  | 1998       | FORD TRUCK | FORD RANGER | 2.5                  | WFMXT02.5AAA    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 23  | 1998       | FORD TRUCK | FORD RANGER | 2.5                  | WFMXT02.5AAA    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 24  | 1998       | FORD TRUCK | FORD RANGER | 3                    | WFMXT03.0FAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 25  | 1998       | FORD TRUCK | FORD RANGER | 3                    | WFMXT03.0FAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 26  | 1998       | FORD TRUCK | FORD RANGER | 4                    | WFMXT04.0AAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 27  | 1998       | FORD TRUCK | FORD RANGER | 4                    | WFMXT04.0AAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 28  | 1999       | FORD TRUCK | FORD RANGER | 2.5                  | XFMXT02.51DC    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 29  | 1999       | FORD TRUCK | FORD RANGER | 2.5                  | XFMXT02.51GC    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 30  | 1999       | FORD TRUCK | FORD RANGER | 2.5                  | XFMXT02.51DC    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 31  | 1999       | FORD TRUCK | FORD RANGER | 2.5                  | XFMXT04.01DC    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 32  | 1999       | FORD TRUCK | FORD RANGER | 2.5                  | XFMXT02.51GC    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 33  | 1999       | FORD TRUCK | FORD RANGER | 2.5                  | XFMXT02.51DC    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 34  | 1999       | FORD TRUCK | FORD RANGER | 3                    | XFMXT03.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 35  | 1999       | FORD TRUCK | FORD RANGER | 3                    | XFMXT03.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 36  | 1999       | FORD TRUCK | FORD RANGER | 4                    | XFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 37  | 1999       | FORD TRUCK | FORD RANGER | 4                    | XFMXT04.01G5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 38  | 1999       | FORD TRUCK | FORD RANGER | 4                    | XFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 39  | 1999       | FORD TRUCK | FORD RANGER | 4                    | XFMXT04.01G5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 40  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51D5    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 41  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51DC    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 42  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 43  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51FC    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 44  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51D5    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |



**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|------------|-------------|----------------------|-----------------|---------------------|--------------|--------------|-----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 45  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51DC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 46  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 47  | 2000       | FORD TRUCK | FORD RANGER | 2.5                  | YFMXT02.51FC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 48  | 2000       | FORD TRUCK | FORD RANGER | 3                    | YFMXT03.01D5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 49  | 2000       | FORD TRUCK | FORD RANGER | 3                    | YFMXT03.01D5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 50  | 2000       | FORD TRUCK | FORD RANGER | 4                    | YFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 51  | 2000       | FORD TRUCK | FORD RANGER | 4                    | YFMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 52  | 2000       | FORD TRUCK | FORD RANGER | 4                    | YFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 53  | 2000       | FORD TRUCK | FORD RANGER | 4                    | YFMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 54  | 2001       | FORD TRUCK | FORD ESCAPE | 3                    | 1FMXT03.01F6    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 55  | 2001       | FORD TRUCK | FORD ESCAPE | 3                    | 1FMXT03.01F6    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 56  | 2001       | FORD TRUCK | FORD RANGER | 2.3                  | 1FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 57  | 2001       | FORD TRUCK | FORD RANGER | 2.3                  | 1FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 58  | 2001       | FORD TRUCK | FORD RANGER | 2.5                  | 1FMXT02.51D5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 59  | 2001       | FORD TRUCK | FORD RANGER | 2.5                  | 1FMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 60  | 2001       | FORD TRUCK | FORD RANGER | 2.5                  | 1FMXT02.51D5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 61  | 2001       | FORD TRUCK | FORD RANGER | 2.5                  | 1FMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 62  | 2001       | FORD TRUCK | FORD RANGER | 3                    | 1FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | F              | UNIVERSAL           | 41104           | MANUAL           |
| 63  | 2001       | FORD TRUCK | FORD RANGER | 3                    | 1FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | R              | UNIVERSAL           | 41405           | MANUAL           |
| 64  | 2001       | FORD TRUCK | FORD RANGER | 3                    | 1FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | U              | UNIVERSAL           | 41174           | MANUAL           |
| 65  | 2001       | FORD TRUCK | FORD RANGER | 4                    | 1FMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 66  | 2001       | FORD TRUCK | FORD RANGER | 4                    | 1FMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 67  | 2002       | FORD TRUCK | FORD ESCAPE | 3                    | 2FMXT03.01F6    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 68  | 2002       | FORD TRUCK | FORD ESCAPE | 3                    | 2FMXT03.01F7    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 69  | 2002       | FORD TRUCK | FORD ESCAPE | 3                    | 2FMXT03.01F6    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 70  | 2002       | FORD TRUCK | FORD ESCAPE | 3                    | 2FMXT03.01F7    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 71  | 2002       | FORD TRUCK | FORD RANGER | 2.3                  | 2FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 72  | 2002       | FORD TRUCK | FORD RANGER | 2.3                  | 2FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 73  | 2002       | FORD TRUCK | FORD RANGER | 3                    | 2FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | F              | UNIVERSAL           | 41104           | MANUAL           |
| 74  | 2002       | FORD TRUCK | FORD RANGER | 3                    | 2FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | R              | UNIVERSAL           | 41405           | MANUAL           |
| 75  | 2002       | FORD TRUCK | FORD RANGER | 3                    | 2FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | U              | UNIVERSAL           | 41174           | MANUAL           |
| 76  | 2002       | FORD TRUCK | FORD RANGER | 4                    | 2FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 77  | 2002       | FORD TRUCK | FORD RANGER | 4                    | 2FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 78  | 2003       | FORD TRUCK | FORD ESCAPE | 3                    | 2FMXT03.01F7    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 79  | 2003       | FORD TRUCK | FORD ESCAPE | 3                    | 2FMXT03.01F7    | LEV1 LEV            | LDT1         | D            | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 80  | 2003       | FORD TRUCK | FORD RANGER | 2.3                  | 3FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 81  | 2003       | FORD TRUCK | FORD RANGER | 2.3                  | 3FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 82  | 2003       | FORD TRUCK | FORD RANGER | 3                    | 3FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | F              | UNIVERSAL           | 41174           | MANUAL           |
| 83  | 2003       | FORD TRUCK | FORD RANGER | 3                    | 3FMXT03.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | MANUAL           |
| 84  | 2003       | FORD TRUCK | FORD RANGER | 3                    | 3FMXT03.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | DIRECT FIT          | 41410           | MANUAL           |
| 85  | 2003       | FORD TRUCK | FORD RANGER | 3                    | 3FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | R              | UNIVERSAL           | 41405           | MANUAL           |
| 86  | 2003       | FORD TRUCK | FORD RANGER | 3                    | 3FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | R              | DIRECT FIT          | 41410           | MANUAL           |
| 87  | 2003       | FORD TRUCK | FORD RANGER | 3                    | 3FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | U              | DIRECT FIT          | 41118           | MANUAL           |
| 88  | 2003       | FORD TRUCK | FORD RANGER | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|------------|----------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 89  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 90  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 91  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 92  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | DIRECT FIT          | 41410           | ALL              |
| 93  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | R              | DIRECT FIT          | 41410           | ALL              |
| 94  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | U              | DIRECT FIT          | 41119           | ALL              |
| 95  | 2003       | FORD TRUCK | FORD RANGER    | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)    | 4               | 2                   | U              | DIRECT FIT          | 41119           | ALL              |
| 96  | 2004       | FORD TRUCK | FORD RANGER    | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | MANUAL           |
| 97  | 2004       | FORD TRUCK | FORD RANGER    | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC       | 3               | 2                   | U              | UNIVERSAL           | 41404           | ALL              |
| 98  | 2004       | FORD TRUCK | FORD RANGER    | 3                    | 4FMXT03.01FE    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC       | 3               | 2                   | U              | UNIVERSAL           | 41404           | ALL              |
| 99  | 2004       | FORD TRUCK | FORD RANGER    | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41120           | ALL              |
| 100 | 2004       | FORD TRUCK | FORD RANGER    | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41121           | ALL              |
| 101 | 2004       | FORD TRUCK | FORD RANGER    | 3                    | 4FMXT03.01FE    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41121           | ALL              |
| 102 | 1994       | FORD       | MUSTANG        | 3.8                  | RFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 103 | 1994       | FORD       | MUSTANG        | 3.8                  | RFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 104 | 1994       | FORD       | MUSTANG        | 3.8                  | RFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41108           | ALL              |
| 105 | 1994       | FORD       | THUNDERBIRD    | 4.6                  | RFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 106 | 1994       | FORD       | THUNDERBIRD    | 4.6                  | RFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 107 | 1994       | FORD       | THUNDERBIRD    | 4.6                  | RFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 108 | 1995       | FORD       | CROWN VICTORIA | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 109 | 1995       | FORD       | CROWN VICTORIA | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41103           | ALL              |
| 110 | 1995       | FORD       | CROWN VICTORIA | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 111 | 1995       | FORD       | CROWN VICTORIA | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41126           | ALL              |
| 112 | 1995       | FORD       | MUSTANG        | 3.8                  | SFM3.8V8G1EK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 113 | 1995       | FORD       | MUSTANG        | 3.8                  | SFM3.8V8G1EK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 114 | 1995       | FORD       | MUSTANG        | 3.8                  | SFM3.8V8G1EK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41108           | ALL              |
| 115 | 1995       | FORD       | THUNDERBIRD    | 4.6                  | SFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 116 | 1995       | FORD       | THUNDERBIRD    | 4.6                  | SFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 117 | 1995       | FORD       | THUNDERBIRD    | 4.6                  | SFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 118 | 1996       | FORD       | CROWN VICTORIA | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 119 | 1996       | FORD       | CROWN VICTORIA | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 120 | 1996       | FORD       | CROWN VICTORIA | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 121 | 1996       | FORD       | CROWN VICTORIA | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 122 | 1996       | FORD       | MUSTANG        | 3.8                  | TFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 123 | 1996       | FORD       | MUSTANG        | 3.8                  | TFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 124 | 1996       | FORD       | MUSTANG        | 3.8                  | TFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41109           | ALL              |
| 125 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 126 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6VJGFEK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 127 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 128 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6VJGFEK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 129 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 130 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6VJGFEK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 131 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |
| 132 | 1996       | FORD       | MUSTANG        | 4.6                  | TFM4.6VJGFEK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|------|----------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 133 | 1996       | FORD | MUSTANG        | 4.6                  | TFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 134 | 1996       | FORD | MUSTANG        | 4.6                  | TFM4.6VJGFEK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 135 | 1996       | FORD | THUNDERBIRD    | 4.6                  | TFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 136 | 1996       | FORD | THUNDERBIRD    | 4.6                  | TFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 137 | 1996       | FORD | THUNDERBIRD    | 4.6                  | TFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 138 | 1997       | FORD | CROWN VICTORIA | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 139 | 1997       | FORD | CROWN VICTORIA | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 140 | 1997       | FORD | CROWN VICTORIA | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 141 | 1997       | FORD | CROWN VICTORIA | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 142 | 1997       | FORD | MUSTANG        | 3.8                  | VFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 143 | 1997       | FORD | MUSTANG        | 3.8                  | VFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 144 | 1997       | FORD | MUSTANG        | 3.8                  | VFM3.8V8G1EK    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41109           | ALL              |
| 145 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 146 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6VJGKEK    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 147 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 148 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6VJGKEK    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 149 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 150 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6VJGKEK    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 151 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |
| 152 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6VJGKEK    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |
| 153 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6V8G1FK    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 154 | 1997       | FORD | MUSTANG        | 4.6                  | VFM4.6VJGKEK    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 155 | 1997       | FORD | THUNDERBIRD    | 4.6                  | VFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 156 | 1997       | FORD | THUNDERBIRD    | 4.6                  | VFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 157 | 1997       | FORD | THUNDERBIRD    | 4.6                  | VFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 158 | 1998       | FORD | CROWN VICTORIA | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 159 | 1998       | FORD | CROWN VICTORIA | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 160 | 1998       | FORD | CROWN VICTORIA | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 161 | 1998       | FORD | CROWN VICTORIA | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 162 | 1998       | FORD | MUSTANG        | 3.8                  | WFMXV03.8ABA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 163 | 1998       | FORD | MUSTANG        | 3.8                  | WFMXV03.8ABA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 164 | 1998       | FORD | MUSTANG        | 3.8                  | WFMXV03.8ABA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41109           | ALL              |
| 165 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 166 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DBA    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 167 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6SAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 168 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DCA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | F              | UNIVERSAL           | 41175           | ALL              |
| 169 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 170 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DBA    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 171 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6SAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 172 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DCA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | ML             | UNIVERSAL           | 41175           | ALL              |
| 173 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 174 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DBA    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 175 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6SAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |
| 176 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DCA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | R              | UNIVERSAL           | 41405           | ALL              |

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**Car Sound 41100 / 41400**

| 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 |
|-----|------------|------|----------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 177 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |
| 178 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DBA    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |
| 179 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6SAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41112           | ALL              |
| 180 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DAA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 181 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DBA    | TIER1               | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 182 | 1998       | FORD | MUSTANG        | 4.6                  | WFMXV04.6DCA    | TLEV                | PC           | D            | 2TWC(3)        | 6               | 6                   | U              | DIRECT FIT          | 41115           | ALL              |
| 183 | 1999       | FORD | CROWN VICTORIA | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 184 | 1999       | FORD | CROWN VICTORIA | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 185 | 1999       | FORD | CROWN VICTORIA | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 186 | 1999       | FORD | CROWN VICTORIA | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 187 | 1999       | FORD | MUSTANG        | 3.8                  | XFMXV03.8VGC    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 188 | 1999       | FORD | MUSTANG        | 3.8                  | XFMXV03.8VGC    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41454           | ALL              |
| 189 | 1999       | FORD | MUSTANG        | 3.8                  | XFMXV03.8VGC    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41110           | ALL              |
| 190 | 1999       | FORD | MUSTANG        | 4.6                  | XFMXV04.6VB4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 191 | 1999       | FORD | MUSTANG        | 4.6                  | XFMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 192 | 1999       | FORD | MUSTANG        | 4.6                  | XFMXV04.6VB4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 193 | 1999       | FORD | MUSTANG        | 4.6                  | XFMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 194 | 1999       | FORD | MUSTANG        | 4.6                  | XFMXV04.6VB4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41114           | ALL              |
| 195 | 1999       | FORD | MUSTANG        | 4.6                  | XFMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41114           | ALL              |
| 196 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 197 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 198 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 199 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 200 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 201 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 202 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 203 | 2000       | FORD | CROWN VICTORIA | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 204 | 2000       | FORD | MUSTANG        | 3.8                  | YFMXV03.8VF5    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 205 | 2000       | FORD | MUSTANG        | 3.8                  | YFMXV03.8VF5    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41454           | ALL              |
| 206 | 2000       | FORD | MUSTANG        | 4.6                  | YFMXV04.6VB4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 207 | 2000       | FORD | MUSTANG        | 4.6                  | YFMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 208 | 2000       | FORD | MUSTANG        | 4.6                  | YFMXV04.6VB4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 209 | 2000       | FORD | MUSTANG        | 4.6                  | YFMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 210 | 2000       | FORD | MUSTANG        | 4.6                  | YFMXV04.6VB4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | U              | DIRECT FIT          | 41114           | ALL              |
| 211 | 2000       | FORD | MUSTANG        | 4.6                  | YFMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | U              | DIRECT FIT          | 41114           | ALL              |
| 212 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 213 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 214 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41105           | ALL              |
| 215 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41105           | ALL              |
| 216 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 217 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 218 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 219 | 2001       | FORD | CROWN VICTORIA | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 220 | 2001       | FORD | ESCORT         | 2                    | 1FMXV02.0VF2    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | F              | UNIVERSAL           | 41104           | ALL              |



**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|---------|----------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 221 | 2001       | FORD    | ESCORT         | 2                    | 1FMXV02.0VF3    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | F              | UNIVERSAL           | 41104           | ALL              |
| 222 | 2001       | FORD    | ESCORT         | 2                    | 1FMXV02.0VF2    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | R              | UNIVERSAL           | 41404           | ALL              |
| 223 | 2001       | FORD    | ESCORT         | 2                    | 1FMXV02.0VF3    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | R              | UNIVERSAL           | 41404           | ALL              |
| 224 | 2001       | FORD    | FOCUS          | 2                    | 1FMXV02.0VF2    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | F              | UNIVERSAL           | 41104           | ALL              |
| 225 | 2001       | FORD    | FOCUS          | 2                    | 1FMXV02.0VF3    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | F              | UNIVERSAL           | 41104           | ALL              |
| 226 | 2001       | FORD    | FOCUS          | 2                    | 1FMXV02.0VF2    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | R              | UNIVERSAL           | 41404           | ALL              |
| 227 | 2001       | FORD    | FOCUS          | 2                    | 1FMXV02.0VF3    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | R              | UNIVERSAL           | 41404           | ALL              |
| 228 | 2001       | FORD    | MUSTANG        | 3.8                  | 1FMXV03.8VFA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 229 | 2001       | FORD    | MUSTANG        | 3.8                  | 1FMXV03.8VFA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41454           | ALL              |
| 230 | 2001       | FORD    | MUSTANG        | 3.8                  | 1FMXV03.8VFA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41110           | ALL              |
| 231 | 2001       | FORD    | MUSTANG        | 4.6                  | 1FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 232 | 2001       | FORD    | MUSTANG        | 4.6                  | 1FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 233 | 2001       | FORD    | MUSTANG        | 4.6                  | 1FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | U              | DIRECT FIT          | 41114           | ALL              |
| 234 | 2002       | FORD    | CROWN VICTORIA | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 235 | 2002       | FORD    | CROWN VICTORIA | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41105           | ALL              |
| 236 | 2002       | FORD    | CROWN VICTORIA | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 237 | 2002       | FORD    | CROWN VICTORIA | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 238 | 2002       | FORD    | MUSTANG        | 4.6                  | 2FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 239 | 2002       | FORD    | MUSTANG        | 4.6                  | 1FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 240 | 2002       | FORD    | MUSTANG        | 4.6                  | 2FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | U              | DIRECT FIT          | 41114           | ALL              |
| 241 | 2003       | FORD    | FOCUS          | 2                    | 3FMXV02.0VF4    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | F              | UNIVERSAL           | 41104           | ALL              |
| 242 | 2003       | FORD    | FOCUS          | 2                    | 3FMXV02.0VF4    | LEV1 LEV            | PC           | S            | TWC(2)         | 2               | 1                   | R              | UNIVERSAL           | 41404           | ALL              |
| 243 | 2003       | FORD    | MUSTANG        | 3.8                  | 3FMXV03.8VFA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 244 | 2003       | FORD    | MUSTANG        | 3.8                  | 3FMXV03.8VFA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | DIRECT FIT          | 41345           | ALL              |
| 245 | 2003       | FORD    | MUSTANG        | 3.8                  | 3FMXV03.8VFA    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 246 | 2003       | FORD    | MUSTANG        | 4.6                  | 3FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 247 | 2003       | FORD    | MUSTANG        | 4.6                  | 3FMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 248 | 2003       | FORD    | MUSTANG        | 4.6                  | 3FMXV04.6VD4    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 249 | 2003       | FORD    | MUSTANG        | 4.6                  | 3FMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 250 | 2003       | FORD    | MUSTANG        | 4.6                  | 3FMXV04.6VDN    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 2                   | U              | DIRECT FIT          | 41114           | ALL              |
| 251 | 1995       | LINCOLN | CONTINENTAL    | 4.6                  | SFM4.6VJG1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41122           | ALL              |
| 252 | 1995       | LINCOLN | CONTINENTAL    | 4.6                  | SFM4.6VJG1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 253 | 1995       | LINCOLN | CONTINENTAL    | 4.6                  | SFM4.6VJG1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 254 | 1995       | LINCOLN | CONTINENTAL    | 4.6                  | SFM4.6VJG1EK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 255 | 1995       | LINCOLN | TOWN CAR       | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 256 | 1995       | LINCOLN | TOWN CAR       | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41103           | ALL              |
| 257 | 1995       | LINCOLN | TOWN CAR       | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 258 | 1995       | LINCOLN | TOWN CAR       | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | U              | DIRECT FIT          | 41126           | ALL              |
| 259 | 1996       | LINCOLN | CONTINENTAL    | 4.6                  | TFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41113           | ALL              |
| 260 | 1996       | LINCOLN | CONTINENTAL    | 4.6                  | TFM4.6VJGFFK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41122           | ALL              |
| 261 | 1996       | LINCOLN | CONTINENTAL    | 4.6                  | TFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 262 | 1996       | LINCOLN | CONTINENTAL    | 4.6                  | TFM4.6VJGFFK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 263 | 1996       | LINCOLN | CONTINENTAL    | 4.6                  | TFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 264 | 1996       | LINCOLN | CONTINENTAL    | 4.6                  | TFM4.6VJGFFK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|---------|-------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 265 | 1996       | LINCOLN | CONTINENTAL | 4.6                  | TFM4.6VJGFFK    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 266 | 1996       | LINCOLN | CONTINENTAL | 4.6                  | TFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 267 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 268 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8GFEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 269 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 270 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8GFEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 271 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 272 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8GFEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 273 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 274 | 1996       | LINCOLN | TOWN CAR    | 4.6                  | TFM4.6V8GFEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 275 | 1997       | LINCOLN | CONTINENTAL | 4.6                  | VFM4.6VJGFFL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 276 | 1997       | LINCOLN | CONTINENTAL | 4.6                  | VFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 277 | 1997       | LINCOLN | CONTINENTAL | 4.6                  | VFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41412           | ALL              |
| 278 | 1997       | LINCOLN | CONTINENTAL | 4.6                  | VFM4.6VJGFFL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 279 | 1997       | LINCOLN | CONTINENTAL | 4.6                  | VFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 280 | 1997       | LINCOLN | CONTINENTAL | 4.6                  | VFM4.6VJG1FL    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 281 | 1997       | LINCOLN | MARK VIII   | 4.6                  | VFM4.6VJGFFL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 282 | 1997       | LINCOLN | MARK VIII   | 4.6                  | VFM4.6VJGFFL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 283 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8G2EL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 284 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8GKEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 285 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8G2EL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 286 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8GKEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 287 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8G2EL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 288 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8GKEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 289 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8G2EL    | TIER1               | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 290 | 1997       | LINCOLN | TOWN CAR    | 4.6                  | VFM4.6V8GKEL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 291 | 1998       | LINCOLN | CONTINENTAL | 4.6                  | WFMXV04.6CAA    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41113           | ALL              |
| 292 | 1998       | LINCOLN | CONTINENTAL | 4.6                  | WFMXV04.6CAA    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 293 | 1998       | LINCOLN | CONTINENTAL | 4.6                  | WFMXV04.6CAA    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 294 | 1998       | LINCOLN | CONTINENTAL | 4.6                  | WFMXV04.6CAA    | TIER1               | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 295 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 296 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6ABA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 297 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 298 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6ABA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 299 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 300 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6ABA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 301 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 302 | 1998       | LINCOLN | TOWN CAR    | 4.6                  | WFMXV04.6ABA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 303 | 1999       | LINCOLN | CONTINENTAL | 4.6                  | XFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41122           | ALL              |
| 304 | 1999       | LINCOLN | CONTINENTAL | 4.6                  | XFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 305 | 1999       | LINCOLN | CONTINENTAL | 4.6                  | XFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 306 | 1999       | LINCOLN | CONTINENTAL | 4.6                  | XFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 307 | 1999       | LINCOLN | TOWN CAR    | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 308 | 1999       | LINCOLN | TOWN CAR    | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|-------------|-------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 309 | 1999       | LINCOLN     | TOWN CAR    | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 310 | 1999       | LINCOLN     | TOWN CAR    | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 311 | 2000       | LINCOLN     | CONTINENTAL | 4.6                  | YFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | DIRECT FIT          | 41113           | ALL              |
| 312 | 2000       | LINCOLN     | CONTINENTAL | 4.6                  | YFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 313 | 2000       | LINCOLN     | CONTINENTAL | 4.6                  | YFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 314 | 2000       | LINCOLN     | CONTINENTAL | 4.6                  | YFMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 315 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 316 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 317 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 318 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 319 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 320 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 321 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 322 | 2000       | LINCOLN     | TOWN CAR    | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 323 | 2001       | LINCOLN     | CONTINENTAL | 4.6                  | 1FMXV04.6VBD    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 324 | 2001       | LINCOLN     | CONTINENTAL | 4.6                  | 1FMXV04.6VBD    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 325 | 2001       | LINCOLN     | CONTINENTAL | 4.6                  | 1FMXV04.6VBD    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | DIRECT FIT          | 41412           | ALL              |
| 326 | 2001       | LINCOLN     | TOWN CAR    | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 327 | 2001       | LINCOLN     | TOWN CAR    | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 328 | 2001       | LINCOLN     | TOWN CAR    | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 329 | 2001       | LINCOLN     | TOWN CAR    | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 330 | 2002       | LINCOLN     | CONTINENTAL | 4.6                  | 2FMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 331 | 2002       | LINCOLN     | CONTINENTAL | 4.6                  | 2FMXV04.6VDP    | TLEV                | PC           | DS           | 2TWC,TWC       | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 332 | 2002       | LINCOLN     | TOWN CAR    | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 333 | 2002       | LINCOLN     | TOWN CAR    | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41105           | ALL              |
| 334 | 2002       | LINCOLN     | TOWN CAR    | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 335 | 2002       | LINCOLN     | TOWN CAR    | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 336 | 1995       | MAZDA TRUCK | MAZDA B3000 | 3                    | SFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 337 | 1995       | MAZDA TRUCK | MAZDA B3000 | 3                    | SFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 338 | 1995       | MAZDA TRUCK | MAZDA B3000 | 3                    | SFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 339 | 1995       | MAZDA TRUCK | MAZDA B4000 | 4                    | SFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 340 | 1995       | MAZDA TRUCK | MAZDA B4000 | 4                    | SFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 341 | 1995       | MAZDA TRUCK | MAZDA B4000 | 4                    | SFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 342 | 1996       | MAZDA TRUCK | MAZDA B3000 | 3                    | TFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 343 | 1996       | MAZDA TRUCK | MAZDA B3000 | 3                    | TFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 344 | 1996       | MAZDA TRUCK | MAZDA B3000 | 3                    | TFM3.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 345 | 1996       | MAZDA TRUCK | MAZDA B4000 | 4                    | TFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 346 | 1996       | MAZDA TRUCK | MAZDA B4000 | 4                    | TFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 347 | 1996       | MAZDA TRUCK | MAZDA B4000 | 4                    | TFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 348 | 1997       | MAZDA TRUCK | MAZDA B4000 | 4                    | VFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 349 | 1997       | MAZDA TRUCK | MAZDA B4000 | 4                    | VFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 350 | 1997       | MAZDA TRUCK | MAZDA B4000 | 4                    | VFM4.018G1EK    | TIER1               | LDT1         | S            | TWC(2)         | 2               | 2                   | U              | DIRECT FIT          | 41116           | ALL              |
| 351 | 1998       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | WFMXT02.5BAA    | LEV1 LEV            | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 352 | 1998       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | WFMXT02.5AAA    | TLEV                | LDT1         | S            | TWC(2)         | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|-------------|-------------|----------------------|-----------------|---------------------|--------------|--------------|-----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 353 | 1998       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | WFMXT02.5BAA    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 354 | 1998       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | WFMXT02.5AAA    | TLEV                | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 355 | 1998       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | WFMXT02.5BAA    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 356 | 1998       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | WFMXT02.5AAA    | TLEV                | LDT1         | S            | TWC(2)          | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 357 | 1998       | MAZDA TRUCK | MAZDA B3000 | 3                    | WFMXT03.0FAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 358 | 1998       | MAZDA TRUCK | MAZDA B3000 | 3                    | WFMXT03.0FAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 359 | 1998       | MAZDA TRUCK | MAZDA B4000 | 4                    | WFMXT04.0AAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 360 | 1998       | MAZDA TRUCK | MAZDA B4000 | 4                    | WFMXT04.0AAA    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 361 | 1999       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | XFMXT02.51DC    | TLEV                | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 362 | 1999       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | XFMXT02.51GC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 363 | 1999       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | XFMXT02.51DC    | TLEV                | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 364 | 1999       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | XFMXT02.51GC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 365 | 1999       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | XFMXT02.51DC    | TLEV                | LDT1         | S            | TWC(2)          | 2               | 2                   | U              | DIRECT FIT          | 41117           | ALL              |
| 366 | 1999       | MAZDA TRUCK | MAZDA B3000 | 3                    | XFMXT03.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 367 | 1999       | MAZDA TRUCK | MAZDA B3000 | 3                    | XFMXT03.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 368 | 1999       | MAZDA TRUCK | MAZDA B4000 | 4                    | XFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 369 | 1999       | MAZDA TRUCK | MAZDA B4000 | 4                    | XFMXT04.01G5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 370 | 1999       | MAZDA TRUCK | MAZDA B4000 | 4                    | XFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 371 | 1999       | MAZDA TRUCK | MAZDA B4000 | 4                    | XFMXT04.01G5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 372 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51D5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 373 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51DC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 374 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 375 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51FC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 376 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51D5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 377 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51DC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 378 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 379 | 2000       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | YFMXT02.51FC    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 380 | 2000       | MAZDA TRUCK | MAZDA B3000 | 3                    | YFMXT03.01D5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 381 | 2000       | MAZDA TRUCK | MAZDA B3000 | 3                    | YFMXT03.01D5    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 382 | 2000       | MAZDA TRUCK | MAZDA B4000 | 4                    | YFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 383 | 2000       | MAZDA TRUCK | MAZDA B4000 | 4                    | YFMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 384 | 2000       | MAZDA TRUCK | MAZDA B4000 | 4                    | YFMXT04.01DC    | TLEV                | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 385 | 2000       | MAZDA TRUCK | MAZDA B4000 | 4                    | YFMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 386 | 2001       | MAZDA TRUCK | MAZDA B2300 | 2.3                  | 1FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 387 | 2001       | MAZDA TRUCK | MAZDA B2300 | 2.3                  | 1FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 388 | 2001       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | 1FMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 389 | 2001       | MAZDA TRUCK | MAZDA B2500 | 2.5                  | 1FMXT02.51F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 390 | 2001       | MAZDA TRUCK | MAZDA B3000 | 3                    | 1FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | F              | UNIVERSAL           | 41104           | MANUAL           |
| 391 | 2001       | MAZDA TRUCK | MAZDA B3000 | 3                    | 1FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | R              | UNIVERSAL           | 41405           | MANUAL           |
| 392 | 2001       | MAZDA TRUCK | MAZDA B3000 | 3                    | 1FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | U              | UNIVERSAL           | 41174           | MANUAL           |
| 393 | 2001       | MAZDA TRUCK | MAZDA B4000 | 4                    | 1FMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 394 | 2001       | MAZDA TRUCK | MAZDA B4000 | 4                    | 1FMXT04.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 395 | 2002       | MAZDA TRUCK | MAZDA B2300 | 2.3                  | 2FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 396 | 2002       | MAZDA TRUCK | MAZDA B2300 | 2.3                  | 2FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |



**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|-------------|---------------|----------------------|-----------------|---------------------|--------------|--------------|-----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 397 | 2002       | MAZDA TRUCK | MAZDA B3000   | 3                    | 2FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | F              | UNIVERSAL           | 41104           | MANUAL           |
| 398 | 2002       | MAZDA TRUCK | MAZDA B3000   | 3                    | 2FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | R              | UNIVERSAL           | 41405           | MANUAL           |
| 399 | 2002       | MAZDA TRUCK | MAZDA B3000   | 3                    | 2FMXT03.01F5    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC,TWC(2) | 5               | 4                   | U              | UNIVERSAL           | 41174           | MANUAL           |
| 400 | 2002       | MAZDA TRUCK | MAZDA B4000   | 4                    | 2FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 401 | 2002       | MAZDA TRUCK | MAZDA B4000   | 4                    | 2FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 402 | 2003       | MAZDA TRUCK | MAZDA B2300   | 2.3                  | 3FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | F              | DIRECT FIT          | 41105           | ALL              |
| 403 | 2003       | MAZDA TRUCK | MAZDA B2300   | 2.3                  | 3FMXT02.31F5    | LEV1 LEV            | LDT1         | S            | TWC(2)          | 2               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 404 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 405 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | F              | UNIVERSAL           | 41174           | ALL              |
| 406 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | DIRECT FIT          | 41410           | ALL              |
| 407 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | R              | DIRECT FIT          | 41410           | ALL              |
| 408 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | U              | UNIVERSAL           | 41405           | ALL              |
| 409 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | U              | UNIVERSAL           | 41405           | ALL              |
| 410 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01F6    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | U              | DIRECT FIT          | 41119           | ALL              |
| 411 | 2003       | MAZDA TRUCK | MAZDA B4000   | 4                    | 3FMXT04.01FA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC(2)     | 4               | 2                   | U              | DIRECT FIT          | 41119           | ALL              |
| 412 | 2004       | MAZDA TRUCK | MAZDA B3000   | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC        | 3               | 2                   | F              | UNIVERSAL           | 41174           | MANUAL           |
| 413 | 2004       | MAZDA TRUCK | MAZDA B3000   | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41120           | ALL              |
| 414 | 2004       | MAZDA TRUCK | MAZDA B4000   | 3                    | 4FMXT03.01FE    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC        | 3               | 2                   | U              | UNIVERSAL           | 41404           | ALL              |
| 415 | 2004       | MAZDA TRUCK | MAZDA B4000   | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC        | 3               | 2                   | U              | UNIVERSAL           | 41404           | ALL              |
| 416 | 2004       | MAZDA TRUCK | MAZDA B4000   | 3                    | 4FMXT03.01FE    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41121           | ALL              |
| 417 | 2004       | MAZDA TRUCK | MAZDA B4000   | 3                    | 4FMXT03.01JA    | LEV1 LEV            | LDT1         | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41121           | ALL              |
| 418 | 1994       | MERCURY     | COUGAR        | 4.6                  | RFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 419 | 1994       | MERCURY     | COUGAR        | 4.6                  | RFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 420 | 1994       | MERCURY     | COUGAR        | 4.6                  | RFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 421 | 1995       | MERCURY     | COUGAR        | 4.6                  | SFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 422 | 1995       | MERCURY     | COUGAR        | 4.6                  | SFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 423 | 1995       | MERCURY     | COUGAR        | 4.6                  | SFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 424 | 1995       | MERCURY     | GRAND MARQUIS | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)         | 4               | 4                   | F              | UNIVERSAL           | 41174           | ALL              |
| 425 | 1995       | MERCURY     | GRAND MARQUIS | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)         | 4               | 4                   | FL             | DIRECT FIT          | 41103           | ALL              |
| 426 | 1995       | MERCURY     | GRAND MARQUIS | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)         | 4               | 4                   | R              | UNIVERSAL           | 41404           | ALL              |
| 427 | 1995       | MERCURY     | GRAND MARQUIS | 4.6                  | SFM4.6V8G1GK    | TIER1               | PC           | D            | 2TWC(2)         | 4               | 4                   | U              | DIRECT FIT          | 41126           | ALL              |
| 428 | 1996       | MERCURY     | COUGAR        | 4.6                  | TFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 429 | 1996       | MERCURY     | COUGAR        | 4.6                  | TFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 430 | 1996       | MERCURY     | COUGAR        | 4.6                  | TFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 431 | 1996       | MERCURY     | GRAND MARQUIS | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 432 | 1996       | MERCURY     | GRAND MARQUIS | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 433 | 1996       | MERCURY     | GRAND MARQUIS | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 434 | 1996       | MERCURY     | GRAND MARQUIS | 4.6                  | TFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 435 | 1997       | MERCURY     | COUGAR        | 4.6                  | VFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 436 | 1997       | MERCURY     | COUGAR        | 4.6                  | VFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 437 | 1997       | MERCURY     | COUGAR        | 4.6                  | VFM4.6V8G1EK    | TIER1               | PC           | DS           | 2TWC,TWC        | 3               | 2                   | U              | DIRECT FIT          | 41111           | ALL              |
| 438 | 1997       | MERCURY     | GRAND MARQUIS | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | F              | UNIVERSAL           | 41175           | ALL              |
| 439 | 1997       | MERCURY     | GRAND MARQUIS | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 440 | 1997       | MERCURY     | GRAND MARQUIS | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)         | 4               | 4                   | FR             | DIRECT FIT          | 41102           | ALL              |

**Appendix D-193-68**  
**Car Sound 41100 / 41400**

| 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 |
|-----|------------|---------|---------------|----------------------|-----------------|---------------------|--------------|--------------|----------------|-----------------|---------------------|----------------|---------------------|-----------------|------------------|
| 441 | 1997       | MERCURY | GRAND MARQUIS | 4.6                  | VFM4.6V8G2EL    | TLEV                | PC           | D            | 2TWC(2)        | 4               | 4                   | R              | UNIVERSAL           | 41405           | ALL              |
| 442 | 1998       | MERCURY | GRAND MARQUIS | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 443 | 1998       | MERCURY | GRAND MARQUIS | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 444 | 1998       | MERCURY | GRAND MARQUIS | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 445 | 1998       | MERCURY | GRAND MARQUIS | 4.6                  | WFMXV04.6AAA    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 446 | 1999       | MERCURY | GRAND MARQUIS | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 447 | 1999       | MERCURY | GRAND MARQUIS | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 448 | 1999       | MERCURY | GRAND MARQUIS | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 449 | 1999       | MERCURY | GRAND MARQUIS | 4.6                  | XFMXV04.6VG5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 450 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 451 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | UNIVERSAL           | 41175           | ALL              |
| 452 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 453 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 454 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 455 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 456 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VFR    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 457 | 2000       | MERCURY | GRAND MARQUIS | 4.6                  | YFMXV04.6VB5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 458 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 459 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 460 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 461 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41105           | ALL              |
| 462 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 463 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 464 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 465 | 2001       | MERCURY | GRAND MARQUIS | 4.6                  | 1FMXV04.6VF7    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |
| 466 | 2002       | MERCURY | GRAND MARQUIS | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | F              | UNIVERSAL           | 41175           | ALL              |
| 467 | 2002       | MERCURY | GRAND MARQUIS | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FL             | DIRECT FIT          | 41101           | ALL              |
| 468 | 2002       | MERCURY | GRAND MARQUIS | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | FR             | DIRECT FIT          | 41102           | ALL              |
| 469 | 2002       | MERCURY | GRAND MARQUIS | 4.6                  | 2FMXV04.6VF5    | LEV1 LEV            | PC           | D            | 2TWC(2)        | 4               | 2                   | R              | UNIVERSAL           | 41405           | ALL              |