**State of California**
**AIR RESOURCES BOARD**

**EXECUTIVE ORDER D-182-38**
Relating to Exemptions under Section 27156 and 38391
of the Vehicle Code

Walker Manufacturing Company (d.b.a. Tenneco, Inc.)
"Series 81800 & 81600 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, Walker Manufacturing Company (Walker) of 2701 North Dettman Road, Jackson, Michigan 49201, 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 81800 & 81600 three-way catalytic converters (TWC) on selected 1995 through 2004 model year Ford passenger cars equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-182-38 and incorporated herein. Series 81800 & 81600 TWCs will be used for multiple catalytic converter system applications, with Series 81800 as the front catalytic converter and Series 81600 as the rear catalytic converter. These catalytic converters may be sold as a universal or direct fit system.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic 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 Delphi Engine/Chassis Systems 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 Walker Manufacturing Company using a 1998 4.6L Mercury Grand Marquis, test group WFMXV04.6AAA (PC, LEV) with Series 81800 TWCs installed as front catalytic converters (2 units monitored) and Series 81600 TWCs installed as rear catalytic converters (2 units unmonitored) showed that the vehicle met the applicable emission standards. The following are the test results in grams per mile:

| | NMOG | CO | NOx |
|---|---|---|---|
| PC 100K LEV standards | 0.090 | 4.2 | 0.3 |
| Average with 81800 & 81600 TWC | 0.090 | 1.0 | 0.1 |

THEREFORE, IT IS HEREBY RESOLVED that Walker Manufacturing Company's Series 81800 & 81600 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-182-38 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 Walker Manufacturing Company, 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. Walker Manufacturing Company'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. Walker Manufacturing Company 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. Walker Manufacturing Company, its associates, vendors, other businesses and individuals associated with Walker Manufacturing Company 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. Walker Manufacturing Company 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. Walker Manufacturing Company 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. Walker Manufacturing Company'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 Order D-280-12 dated March 16, 2005, is hereby superseded and of no further force and effect.

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

Executed at El Monte, California, this 7 day of November 2008.

Annette Hebert, Chief
Mobile Source Operations Division

## Appendix D-182-38

### Walker Manufacturing Company 81600 / 81800

| 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 | Crown Victoria | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 2 | 1995 | Ford | Crown Victoria | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 3 | 1995 | Ford | Crown Victoria | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81656 | ALL |
| 4 | 1995 | Ford | Crown Victoria | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81656 | ALL |
| 5 | 1995 | Ford | Mustang | 3.8 | SFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 6 | 1995 | Ford | Mustang | 3.8 | SFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 7 | 1995 | Ford | Mustang | 3.8 | SFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 8 | 1995 | Ford | Mustang | 3.8 | SFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 9 | 1996 | Ford | Crown Victoria | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 10 | 1996 | Ford | Crown Victoria | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 11 | 1996 | Ford | Crown Victoria | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 12 | 1996 | Ford | Crown Victoria | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 13 | 1996 | Ford | Mustang | 3.8 | TFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 14 | 1996 | Ford | Mustang | 3.8 | TFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 15 | 1996 | Ford | Mustang | 3.8 | TFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 16 | 1996 | Ford | Mustang | 3.8 | TFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 17 | 1996 | Ford | Mustang | 4.6 | TFM4.6VJGFEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 18 | 1996 | Ford | Mustang | 4.6 | TFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | FL | UNIVERSAL | 81802 | ALL |
| 19 | 1996 | Ford | Mustang | 4.6 | TFM4.6VJGFEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 20 | 1996 | Ford | Mustang | 4.6 | TFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | FR | UNIVERSAL | 81802 | ALL |
| 21 | 1996 | Ford | Mustang | 4.6 | TFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | ML | UNIVERSAL | 81657 | ALL |
| 22 | 1996 | Ford | Mustang | 4.6 | TFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | MR | UNIVERSAL | 81657 | ALL |
| 23 | 1996 | Ford | Mustang | 4.6 | TFM4.6VJGFEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 24 | 1996 | Ford | Mustang | 4.6 | TFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | RL | UNIVERSAL | 81657 | ALL |
| 25 | 1996 | Ford | Mustang | 4.6 | TFM4.6VJGFEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 26 | 1996 | Ford | Mustang | 4.6 | TFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | RR | UNIVERSAL | 81657 | ALL |
| 27 | 1996 | Ford | Thunderbird | 3.8 | TFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 28 | 1996 | Ford | Thunderbird | 3.8 | TFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 29 | 1996 | Ford | Thunderbird | 3.8 | TFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | R | UNIVERSAL | 81612 | ALL |
| 30 | 1997 | Ford | Crown Victoria | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 31 | 1997 | Ford | Crown Victoria | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 32 | 1997 | Ford | Crown Victoria | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 33 | 1997 | Ford | Crown Victoria | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 34 | 1997 | Ford | Mustang | 3.8 | VFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 35 | 1997 | Ford | Mustang | 3.8 | VFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 36 | 1997 | Ford | Mustang | 3.8 | VFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 37 | 1997 | Ford | Mustang | 3.8 | VFM3.8V8G1EK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 38 | 1997 | Ford | Mustang | 4.6 | VFM4.6VJGKEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 39 | 1997 | Ford | Mustang | 4.6 | VFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | FL | UNIVERSAL | 81802 | ALL |
| 40 | 1997 | Ford | Mustang | 4.6 | VFM4.6VJGKEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 41 | 1997 | Ford | Mustang | 4.6 | VFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | FR | UNIVERSAL | 81802 | ALL |
| 42 | 1997 | Ford | Mustang | 4.6 | VFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | ML | UNIVERSAL | 81657 | ALL |
| 43 | 1997 | Ford | Mustang | 4.6 | VFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | MR | UNIVERSAL | 81657 | ALL |
| 44 | 1997 | Ford | Mustang | 4.6 | VFM4.6VJGKEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 45 | 1997 | Ford | Mustang | 4.6 | VFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | RL | UNIVERSAL | 81657 | ALL |
| 46 | 1997 | Ford | Mustang | 4.6 | VFM4.6VJGKEK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 47 | 1997 | Ford | Mustang | 4.6 | VFM4.6V8G1FK | TIER1 | PC | D | 2TWC(3) | 6 | 6 | RR | UNIVERSAL | 81658 | ALL |
| 48 | 1997 | Ford | Thunderbird | 3.8 | VFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FL | UNIVERSAL | 81802 | ALL |

**Walker Manufacturing Company 81600 / 81800**

| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | 1997 | Ford | Thunderbird | 3.8 | VFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 50 | 1997 | Ford | Thunderbird | 3.8 | VFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | R | UNIVERSAL | 81612 | ALL |
| 51 | 1998 | Ford | Crown Victoria | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 52 | 1998 | Ford | Crown Victoria | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 53 | 1998 | Ford | Crown Victoria | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 54 | 1998 | Ford | Crown Victoria | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 55 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ACA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 56 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ABA | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 57 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8AAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 58 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ACA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 59 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8AAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 60 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ABA | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 61 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ABA | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 62 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ACA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 63 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8AAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 64 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ABA | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 65 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8AAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 66 | 1998 | Ford | Mustang | 3.8 | WFMXV03.8ACA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 67 | 1998 | Ford | Mustang | 4.6 | WFMXV04.6SAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 68 | 1998 | Ford | Mustang | 4.6 | WFMXV04.6SAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 69 | 1998 | Ford | Mustang | 4.6 | WFMXV04.6SAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 70 | 1998 | Ford | Mustang | 4.6 | WFMXV04.6SAA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 71 | 1998 | Ford | Ranger | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 72 | 1998 | Ford | Ranger | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 73 | 1998 | Ford | Ranger | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 74 | 1998 | Ford | Ranger | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 75 | 1999 | Ford | Crown Victoria | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 76 | 1999 | Ford | Crown Victoria | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 77 | 1999 | Ford | Crown Victoria | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 78 | 1999 | Ford | Crown Victoria | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 79 | 1999 | Ford | Mustang | 3.8 | XFMXV03.8VGC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 80 | 1999 | Ford | Mustang | 3.8 | XFMXV03.8VGC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 81 | 1999 | Ford | Mustang | 3.8 | XFMXV03.8VGC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81657 | ALL |
| 82 | 1999 | Ford | Mustang | 3.8 | XFMXV03.8VGC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81657 | ALL |
| 83 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 84 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 85 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 86 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 87 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 88 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 89 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 90 | 1999 | Ford | Mustang | 4.6 | XFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 91 | 1999 | Ford | Ranger | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 92 | 1999 | Ford | Ranger | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 93 | 1999 | Ford | Ranger | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 94 | 1999 | Ford | Ranger | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 95 | 1999 | Ford | Ranger | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 96 | 1999 | Ford | Ranger | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |

## Walker Manufacturing Company 81600 / 81800

| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97 | 1999 | Ford | Ranger | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 98 | 1999 | Ford | Ranger | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 99 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 100 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 101 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 102 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 103 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 104 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 105 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 106 | 2000 | Ford | Crown Victoria | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 107 | 2000 | Ford | Mustang | 3.8 | YFMXV03.8VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 108 | 2000 | Ford | Mustang | 3.8 | YFMXV03.8VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 109 | 2000 | Ford | Mustang | 3.8 | YFMXV03.8VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 110 | 2000 | Ford | Mustang | 3.8 | YFMXV03.8VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 111 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 112 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 113 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 114 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 115 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 116 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 117 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 118 | 2000 | Ford | Mustang | 4.6 | YFMXV04.6VB4 | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 119 | 2000 | Ford | Mustang | 5.4 | YFMXV05.4VBA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 120 | 2000 | Ford | Mustang | 5.4 | YFMXV05.4VBA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 121 | 2000 | Ford | Mustang | 5.4 | YFMXV05.4VBA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 122 | 2000 | Ford | Mustang | 5.4 | YFMXV05.4VBA | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 123 | 2000 | Ford | Ranger | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 124 | 2000 | Ford | Ranger | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 125 | 2000 | Ford | Ranger | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 126 | 2000 | Ford | Ranger | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 127 | 2000 | Ford | Ranger | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 128 | 2000 | Ford | Ranger | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 129 | 2000 | Ford | Ranger | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 130 | 2000 | Ford | Ranger | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 131 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 132 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 133 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 134 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 135 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 136 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 137 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 138 | 2001 | Ford | Crown Victoria | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 139 | 2001 | Ford | Mustang | 3.8 | 1FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 140 | 2001 | Ford | Mustang | 3.8 | 1FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 141 | 2001 | Ford | Mustang | 3.8 | 1FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81657 | ALL |
| 142 | 2001 | Ford | Mustang | 3.8 | 1FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81657 | ALL |
| 143 | 2001 | Ford | Mustang | 4.6 | 1FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 144 | 2001 | Ford | Mustang | 4.6 | 1FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |

## Appendix D-182-38

### Walker Manufacturing Company 81600 / 81800

| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 2001 | Ford | Mustang | 4.6 | 1FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 146 | 2001 | Ford | Mustang | 4.6 | 1FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 147 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 148 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 149 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 150 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 151 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 152 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 153 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81657 | ALL |
| 154 | 2001 | Ford | Ranger | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 155 | 2002 | Ford | Crown Victoria | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 156 | 2002 | Ford | Crown Victoria | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 157 | 2002 | Ford | Crown Victoria | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 158 | 2002 | Ford | Crown Victoria | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 159 | 2002 | Ford | Mustang | 3.8 | 2FMXV03.8VFB | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 160 | 2002 | Ford | Mustang | 3.8 | 2FMXV03.8VFB | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 161 | 2002 | Ford | Mustang | 3.8 | 2FMXV03.8VFB | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81657 | ALL |
| 162 | 2002 | Ford | Mustang | 3.8 | 2FMXV03.8VFB | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81657 | ALL |
| 163 | 2002 | Ford | Mustang | 4.6 | 2FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 164 | 2002 | Ford | Mustang | 4.6 | 2FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 165 | 2002 | Ford | Mustang | 4.6 | 2FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 166 | 2002 | Ford | Mustang | 4.6 | 2FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 167 | 2002 | Ford | Ranger | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 168 | 2002 | Ford | Ranger | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 169 | 2002 | Ford | Ranger | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 170 | 2002 | Ford | Ranger | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 171 | 2003 | Ford | Mustang | 3.8 | 3FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 172 | 2003 | Ford | Mustang | 3.8 | 3FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 173 | 2003 | Ford | Mustang | 3.8 | 3FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81657 | ALL |
| 174 | 2003 | Ford | Mustang | 3.8 | 3FMXV03.8VFA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81657 | ALL |
| 175 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 176 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 177 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 178 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 179 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 180 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81657 | ALL |
| 181 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VD4 | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 182 | 2003 | Ford | Mustang | 4.6 | 3FMXV04.6VDN | TLEV | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 183 | 2003 | Ford | Ranger | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 184 | 2003 | Ford | Ranger | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 185 | 2003 | Ford | Ranger | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 186 | 2003 | Ford | Ranger | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 187 | 2003 | Ford | Ranger | 4 | 3FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 188 | 2003 | Ford | Ranger | 4 | 3FMXT04.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 189 | 2003 | Ford | Ranger | 4 | 3FMXT04.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 190 | 2003 | Ford | Ranger | 4 | 3FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 191 | 2003 | Ford | Ranger | 4 | 3FMXT04.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 192 | 2003 | Ford | Ranger | 4 | 3FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |

| Walker Manufacturing Company 81600 / 81800 | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
| 193 | 2003 | Ford | Ranger | 4 | 3FMXT04.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 194 | 2003 | Ford | Ranger | 4 | 3FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 195 | 2004 | Ford | Mustang | 3.8 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 196 | 2004 | Ford | Mustang | 3.8 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 197 | 2004 | Ford | Mustang | 3.8 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81657 | ALL |
| 198 | 2004 | Ford | Mustang | 3.8 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81657 | ALL |
| 199 | 2004 | Ford | Mustang | 3.9 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 200 | 2004 | Ford | Mustang | 3.9 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 201 | 2004 | Ford | Mustang | 3.9 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81657 | ALL |
| 202 | 2004 | Ford | Mustang | 3.9 | 4FMXV03.9VJC | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81657 | ALL |
| 203 | 1995 | Lincoln | Town Car | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 204 | 1995 | Lincoln | Town Car | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 205 | 1995 | Lincoln | Town Car | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81656 | ALL |
| 206 | 1995 | Lincoln | Town Car | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81656 | ALL |
| 207 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 208 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8GFEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 209 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8GFEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 210 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 211 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8GFEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 212 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 213 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 214 | 1996 | Lincoln | Town Car | 4.6 | TFM4.6V8GFEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81658 | ALL |
| 215 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8GKEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 216 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 217 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8GKEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 218 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 219 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8GKEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 220 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 221 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 222 | 1997 | Lincoln | Town Car | 4.6 | VFM4.6V8GKEL | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81658 | ALL |
| 223 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6ABA | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 224 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 225 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6ABA | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 226 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 227 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6ABA | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 228 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 229 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 230 | 1998 | Lincoln | Town Car | 4.6 | WFMXV04.6ABA | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81658 | ALL |
| 231 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 232 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VDR | LEV1 LEV | PC | D | 2WU-TWC,2TWC | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 233 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 234 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VDR | LEV1 LEV | PC | D | 2WU-TWC,2TWC | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 235 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 236 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VDR | LEV1 LEV | PC | D | 2WU-TWC,2TWC | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 237 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 238 | 1999 | Lincoln | Town Car | 4.6 | XFMXV04.6VDR | LEV1 LEV | PC | D | 2WU-TWC,2TWC | 4 | 2 | RR | UNIVERSAL | 81658 | ALL |
| 239 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 240 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |

**Walker Manufacturing Company 81600 / 81800**

| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 241 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 242 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 243 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 244 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 245 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 246 | 2000 | Lincoln | Town Car | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 247 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 248 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 249 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 250 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 251 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 252 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 253 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 254 | 2001 | Lincoln | Town Car | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 255 | 2002 | Lincoln | Town Car | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 256 | 2002 | Lincoln | Town Car | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 257 | 2002 | Lincoln | Town Car | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 258 | 2002 | Lincoln | Town Car | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 259 | 1998 | Mazda | B4000 | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 260 | 1998 | Mazda | B4000 | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 261 | 1998 | Mazda | B4000 | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 262 | 1998 | Mazda | B4000 | 4 | WFMXT04.0AAA | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 263 | 1999 | Mazda | B4000 | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 264 | 1999 | Mazda | B4000 | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 265 | 1999 | Mazda | B4000 | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 266 | 1999 | Mazda | B4000 | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 267 | 1999 | Mazda | B4000 | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 268 | 1999 | Mazda | B4000 | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 269 | 1999 | Mazda | B4000 | 4 | XFMXT04.01G5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81657 | ALL |
| 270 | 1999 | Mazda | B4000 | 4 | XFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 271 | 2000 | Mazda | B4000 | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 272 | 2000 | Mazda | B4000 | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FL | UNIVERSAL | 81801 | ALL |
| 273 | 2000 | Mazda | B4000 | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 274 | 2000 | Mazda | B4000 | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | FR | UNIVERSAL | 81801 | ALL |
| 275 | 2000 | Mazda | B4000 | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 276 | 2000 | Mazda | B4000 | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RL | UNIVERSAL | 81658 | ALL |
| 277 | 2000 | Mazda | B4000 | 4 | YFMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 278 | 2000 | Mazda | B4000 | 4 | YFMXT04.01DC | TLEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 4 | RR | UNIVERSAL | 81658 | ALL |
| 279 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 280 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 281 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 282 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 283 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 284 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 285 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F5 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81657 | ALL |
| 286 | 2001 | Mazda | B4000 | 4 | 1FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 287 | 2002 | Mazda | B4000 | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 288 | 2002 | Mazda | B4000 | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |

## Walker Manufacturing Company 81600 / 81800

| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 289 | 2002 | Mazda | B4000 | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 290 | 2002 | Mazda | B4000 | 4 | 2FMXT04.01F6 | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 291 | 2003 | Mazda | B3000 | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FL | UNIVERSAL | 81801 | ALL |
| 292 | 2003 | Mazda | B3000 | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | FR | UNIVERSAL | 81801 | ALL |
| 293 | 2003 | Mazda | B3000 | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RL | UNIVERSAL | 81658 | ALL |
| 294 | 2003 | Mazda | B3000 | 3 | 3FMXT03.01FA | LEV1 LEV | LDT1 | DS | 2TWC,TWC(2) | 4 | 3 | RR | UNIVERSAL | 81658 | ALL |
| 295 | 1995 | Mercury | Grand Marquis | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FL | UNIVERSAL | 81802 | ALL |
| 296 | 1995 | Mercury | Grand Marquis | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | FR | UNIVERSAL | 81802 | ALL |
| 297 | 1995 | Mercury | Grand Marquis | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RL | UNIVERSAL | 81656 | ALL |
| 298 | 1995 | Mercury | Grand Marquis | 4.6 | SFM4.6V8G1GK | TIER1 | PC | D | 2TWC(2) | 4 | 4 | RR | UNIVERSAL | 81656 | ALL |
| 299 | 1996 | Mercury | Cougar | 3.8 | TFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 300 | 1996 | Mercury | Cougar | 3.8 | TFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 301 | 1996 | Mercury | Cougar | 3.8 | TFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | R | UNIVERSAL | 81612 | ALL |
| 302 | 1996 | Mercury | Grand Marquis | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 303 | 1996 | Mercury | Grand Marquis | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 304 | 1996 | Mercury | Grand Marquis | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 305 | 1996 | Mercury | Grand Marquis | 4.6 | TFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 306 | 1997 | Mercury | Cougar | 3.8 | VFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 307 | 1997 | Mercury | Cougar | 3.8 | VFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 308 | 1997 | Mercury | Cougar | 3.8 | VFM3.8V8G1FK | TIER1 | PC | DS | 2TWC,TWC | 3 | 2 | R | UNIVERSAL | 81612 | ALL |
| 309 | 1997 | Mercury | Grand Marquis | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 310 | 1997 | Mercury | Grand Marquis | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 311 | 1997 | Mercury | Grand Marquis | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 312 | 1997 | Mercury | Grand Marquis | 4.6 | VFM4.6V8G2EL | TLEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 313 | 1998 | Mercury | Grand Marquis | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 314 | 1998 | Mercury | Grand Marquis | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 315 | 1998 | Mercury | Grand Marquis | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 316 | 1998 | Mercury | Grand Marquis | 4.6 | WFMXV04.6AAA | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 317 | 1999 | Mercury | Grand Marquis | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 318 | 1999 | Mercury | Grand Marquis | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 319 | 1999 | Mercury | Grand Marquis | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 320 | 1999 | Mercury | Grand Marquis | 4.6 | XFMXV04.6VG5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 321 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 322 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 323 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 324 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 325 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 326 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 327 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VFR | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 328 | 2000 | Mercury | Grand Marquis | 4.6 | YFMXV04.6VB5 | TIER1 | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 329 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 330 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 331 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 332 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 333 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 334 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 335 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF7 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |
| 336 | 2001 | Mercury | Grand Marquis | 4.6 | 1FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |

**Appendix D-182-38**

| Walker Manufacturing Company 81600 / 81800 | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | Model Year | Make | Model | Engine Size (liters) | Test Group Name | Certification Level | Weight Class | Exhaust Type | Converter Type | Total Converter | Monitored Converter | Conv. Location | Converter Part Type | MFR Part Number | Application Type |
| 337 | 2002 | Mercury | Grand Marquis | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FL | UNIVERSAL | 81802 | ALL |
| 338 | 2002 | Mercury | Grand Marquis | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | FR | UNIVERSAL | 81802 | ALL |
| 339 | 2002 | Mercury | Grand Marquis | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RL | UNIVERSAL | 81656 | ALL |
| 340 | 2002 | Mercury | Grand Marquis | 4.6 | 2FMXV04.6VF5 | LEV1 LEV | PC | D | 2TWC(2) | 4 | 2 | RR | UNIVERSAL | 81656 | ALL |