

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-182-66

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

Walker Manufacturing Company (d.b.a. Tenneco, Inc.)
"Series 81800 and 82700 Three-Way Catalytic Converters"

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

WHEREAS, Walker Manufacturing Company of 2701 North Dettman Road, Jackson, Michigan 49201 has applied to ARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its new aftermarket Series 81800 and 82700 three-way catalytic converters (TWC) on select 1998 through 2004 model-year passenger cars (PC) equipped with on-board diagnostic II (OBD II) systems and manifold catalytic converters as specified in Appendix D-182-66 and incorporated herein. Series 81800 will be used in the front position, and Series 82700 will be used in the rear position. The TWCs will be used for multiple catalytic converter applications and may be sold as universal or direct fit parts. All manifold catalytic converters will be sold as direct fit parts only.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code (HSC) Section 39515 and in the Chief of the Emissions Compliance, Automotive Regulations and Science Division by HSC Section 39516 and Executive Order G-14-012, ARB finds that the above aftermarket catalytic converters comply with VC Sections 27156 and 38395 and 13 CCR Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Delphi Engine/Chassis Systems and Umicore Automotive Catalysts USA using the ARB-modified RAT-A bench-aging cycle for 75 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007 (Converter Evaluation Procedures).

WHEREAS, previous emissions and OBD II compatibility tests conducted by Walker Manufacturing Company using a vehicle weight classification and exhaust configuration similar to those listed in Appendix D-182-66 and certified to ultra-low-emission vehicle (ULEV) and low-emission vehicle (LEV) emission standards resulted in the issuance of Executive Orders D-182-31 and D-182-53, it was determined that the installation of Series 81800 and 82700 TWCs on the vehicles listed in Appendix D-182-66 meets the requirements of California regulation for aftermarket catalytic converters.

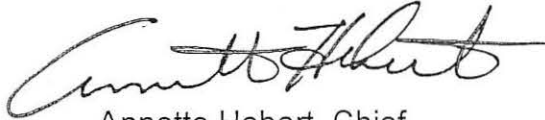
THEREFORE, IT IS HEREBY RESOLVED that Walker Manufacturing Company's Series 81800 and 82700 TWCs are exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-182-66 subject to the following conditions:

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 Executive Order must be evaluated and approved by ARB 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 applications other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from ARB. 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 in VC 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 Converter Evaluation Procedures.
5. Installation of the catalytic converters shall not cause the relocation of any air fuel ratio or oxygen sensors. Air fuel ratio and 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 Converter Evaluation Procedures.
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 catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic converters by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by ARB 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 ARB.
10. Walker Manufacturing Company shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the Converter Evaluation Procedures.

11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.
12. Walker Manufacturing Company must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Walker Manufacturing Company's vehicle application catalog must conform to the requirements specified under Section (f)(4) of the Converter Evaluation Procedures.

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 25 day of November 2015.



Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

Appendix D-182-66

Walker Manufacturing Company 81800 / 82700

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	1998	Lexus	ES300	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
2	1998	Lexus	ES300	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
3	1998	Lexus	ES300	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	ALL
4	1998	Lexus	ES300	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
5	1999	Lexus	ES300	3	XTYXV03.0GBC	TLEV	PC	DS	2TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
6	1999	Lexus	ES300	3	XTYXV03.0GBC	TLEV	PC	DS	2TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
7	1999	Lexus	ES300	3	XTYXV03.0GBC	TLEV	PC	DS	2TWC,TWC	3	3	FR	DIRECT FIT	81865	ALL
8	1999	Lexus	ES300	3	XTYXV03.0GBC	TLEV	PC	DS	2TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
9	1999	Lexus	ES300	3	XTYXV03.0GBC	TLEV	PC	DS	2TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
10	2000	Lexus	ES300	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
11	2000	Lexus	ES300	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
12	2000	Lexus	ES300	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81865	ALL
13	2000	Lexus	ES300	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
14	2000	Lexus	ES300	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
15	2001	Lexus	ES300	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
16	2001	Lexus	ES300	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
17	2001	Lexus	ES300	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81865	ALL
18	2001	Lexus	ES300	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
19	2001	Lexus	ES300	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
20	1998	Toyota	Avalon	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
21	1998	Toyota	Avalon	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
22	1998	Toyota	Avalon	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	ALL
23	1998	Toyota	Avalon	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
24	1998	Toyota	Camry	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
25	1998	Toyota	Camry	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
26	1998	Toyota	Camry	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	ALL
27	1998	Toyota	Camry	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
28	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
29	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
30	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	ALL
31	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
32	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
33	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
34	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	ALL
35	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
36	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
37	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
38	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	AUTOMATIC
39	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
40	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
41	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
42	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81866	ALL
43	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL

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Walker Manufacturing Company 81800 / 82700

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
44	2000	Toyota	Avalon	3	YTYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
45	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
46	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
47	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	ALL
48	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
49	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
50	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
51	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	AUTOMATIC
52	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
53	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
54	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
55	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81866	ALL
56	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
57	2001	Toyota	Avalon	3	1TYXV03.0FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
58	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
59	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
60	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	AUTOMATIC
61	2001	Toyota	Camry	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
62	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
63	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
64	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	AUTOMATIC
65	2001	Toyota	Solara	3	1TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
66	2002	Toyota	Avalon	3	2TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
67	2002	Toyota	Avalon	3	2TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
68	2002	Toyota	Avalon	3	2TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81866	ALL
69	2002	Toyota	Avalon	3	2TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
70	2002	Toyota	Avalon	3	2TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
71	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
72	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
73	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	AUTOMATIC
74	2002	Toyota	Solara	3	2TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
75	2003	Toyota	Avalon	3	3TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
76	2003	Toyota	Avalon	3	3TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
77	2003	Toyota	Avalon	3	3TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81866	ALL
78	2003	Toyota	Avalon	3	3TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
79	2003	Toyota	Avalon	3	3TYXV03.0FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL
80	2003	Toyota	Solara	3	3TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
81	2003	Toyota	Solara	3	3TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
82	2003	Toyota	Solara	3	3TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81844	AUTOMATIC
83	2003	Toyota	Solara	3	3TYXV03.0FFB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
84	2004	Toyota	Avalon	3	4TYXV03.0VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FL	DIRECT FIT	81843	ALL
85	2004	Toyota	Avalon	3	4TYXV03.0VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	UNIVERSAL	81817	ALL
86	2004	Toyota	Avalon	3	4TYXV03.0VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	FR	DIRECT FIT	81866	ALL

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Walker Manufacturing Company 81800 / 82700

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
87	2004	Toyota	Avalon	3	4TYXV03.0VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	UNIVERSAL	82714	ALL
88	2004	Toyota	Avalon	3	4TYXV03.0VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	3	R	DIRECT FIT	82787	ALL