

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-182-56
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Walker Manufacturing Company (d.b.a. Tenneco, Inc.)
"Series 82600 Three-Way Catalytic Converter"

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

WHEREAS, Walker Manufacturing Company 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 82600 three-way catalytic converter (TWC) on select 2001 and 2002 model-year General Motors Corporation medium-duty vehicles (MDV) equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-182-56 and incorporated herein. Series 82600 TWC will be used as replacements in the rear position on vehicles equipped with multiple catalytic converter systems as listed in Appendix D-182-56. The catalytic converters will be sold as universal systems and can only be installed in the rear position.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief of the Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging of Series 82600 TWC as well as the original equipment manufacturer (OEM) converter (front) by Umicore Automotive Catalysts USA (Umicore) using the Air Resources Board-modified RAT-A bench-aging cycle for 100 hours (Series 82600) and 200 hours (OEM) as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

WHEREAS, emissions and OBD II compatibility tests conducted by Walker Manufacturing Company using a 2002 model-year 5.3 liter GMC K1500 Sierra pick-up truck certified to ultra-low-emission vehicle (ULEV) emission standards and MDV2 weight classification showed that the vehicle met the applicable emission standards with Series 82600 TWC and that Series 82600 TWC did not falsely cause the malfunction indicator light to illuminate. Federal test procedure emission standards and test results in grams per mile are shown below:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
MDV2 120K ULEV standards	0.143	6.4	0.6
Series 82600 TWC test 1	0.128	1.1	0.3
Series 82600 TWC test 2	0.122	1.2	0.3

WHEREAS, Walker Manufacturing Company conducted proper malfunction indicator light illumination demonstration with Series 82600 TWC on the same GMC K1500 Sierra pick-up truck and demonstrated compliance with the requirements in Section (e)(5)(B) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

THEREFORE, IT IS HEREBY RESOLVED that Walker Manufacturing Company's Series 82600 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-182-56 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 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 applications 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 in 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," adopted on October 25, 2007.
5. Installation of the catalytic converters shall not cause the relocation of any oxygen sensors. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic 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," adopted on 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 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 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," adopted on October 25, 2007.
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 "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.
13. Walker Manufacturing Company's vehicle application catalog must conform to the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007.

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

Executed at El Monte, California, this 8th day of March 2013.


Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-182-56

Walker Manufacturing Company 82600

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	2002	Cadillac	Escalade	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
2	2002	Cadillac	Escalade	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
3	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
4	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
5	2002	Chevrolet	Avalanche 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
6	2002	Chevrolet	Avalanche 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
7	2002	Chevrolet	Silverado 1500	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
8	2002	Chevrolet	Silverado 1500	4.8	2GMXA04.8183	LEV1 LEV	MDV2	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
9	2002	Chevrolet	Silverado 1500	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
10	2002	Chevrolet	Silverado 1500	4.8	2GMXA04.8183	LEV1 LEV	MDV2	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
11	2002	Chevrolet	Silverado 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
12	2002	Chevrolet	Silverado 1500	5.3	2GMXA05.3187	LEV1 ULEV	MDV2	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
13	2002	Chevrolet	Silverado 1500	5.3	2GMXA05.3187	LEV1 ULEV	MDV2	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
14	2002	Chevrolet	Silverado 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
15	2002	Chevrolet	Suburban 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
16	2002	Chevrolet	Suburban 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
17	2002	Chevrolet	Tahoe	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
18	2002	Chevrolet	Tahoe	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
19	2002	Chevrolet	Tahoe	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
20	2002	Chevrolet	Tahoe	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
21	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
22	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
23	2002	GMC	Sierra 1500	4.8	2GMXA04.8183	LEV1 LEV	MDV2	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
24	2002	GMC	Sierra 1500	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
25	2002	GMC	Sierra 1500	4.8	2GMXA04.8183	LEV1 LEV	MDV2	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
26	2002	GMC	Sierra 1500	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
27	2002	GMC	Sierra 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
28	2002	GMC	Sierra 1500	5.3	2GMXA05.3187	LEV1 ULEV	MDV2	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
29	2002	GMC	Sierra 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
30	2002	GMC	Sierra 1500	5.3	2GMXA05.3187	LEV1 ULEV	MDV2	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
31	2002	GMC	Yukon XL 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
32	2002	GMC	Yukon XL 1500	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
33	2002	GMC	Yukon	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
34	2002	GMC	Yukon	4.8	2GMXA04.8184	LEV1 LEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL
35	2002	GMC	Yukon	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	82606	ALL
36	2002	GMC	Yukon	5.3	2GMXA05.3185	LEV1 ULEV	MDV3	D	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	82606	ALL