

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-184-4
Relating to Exemptions Under Section 27156
of the Vehicle Code

MAREMONT CORPORATION
"NEW AFTERMARKET TWO-WAY CATALYTIC CONVERTER"

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

WHEREAS, Maremont Corporation has applied to the ARB for exemption from the prohibitions of Vehicle Code Section 27156 for their new aftermarket two-way catalytic converter for the following applications:

<u>Converter Type</u>	<u>Series No.</u>	<u>Max. Engine Size</u>	<u>Max. Veh. Weight</u>
Two-way	28711-28712	6.6L (400 CID)	5,000 lbs

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Division by Health and Safety Code Section 39516 and Executive Order G-45-5, the Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h).

IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions of Vehicle Code Section 27156 for installation on the approved application vehicles subject to the following conditions:

1. No changes are permitted to the converter as described in the application for exemption. Any changes to the converter, applicable model year, or 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 converter using identifications other than those shown in the exemption application or marketing of the converter for applications other than those listed in the application catalog shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the converter as individual devices.

MAREMONT CORPORATION
"NEW AFTERMARKET"
TWO-WAY CATALYTIC CONVERTER

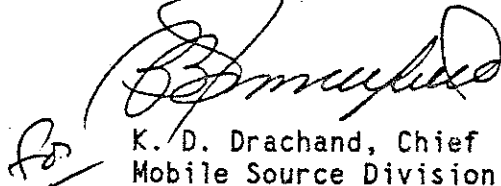
EXECUTIVE ORDER D-184-4
(Page 2 of 2)

3. Any oral or written references to this Executive Order or its content by Maremont Corporation, 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 emissions reduction claims for the catalytic converter and is only a finding that the converter is exempt from the prohibitions of Vehicle Code Section 27156.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after ten 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 ten 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.

Executive Order D-184-1 is superseded and of no further force and effect.

Executed at El Monte, California, this 29th day of August, 1989.


K. D. Drachand, Chief
Mobile Source Division

State of California
AIR RESOURCES BOARD

EVALUATION OF MAREMONT NEW AFTERMARKET TWO-WAY CATALYTIC CONVERTER
FOR EXEMPTION FROM THE PROHIBITIONS OF VEHICLE CODE
SECTION 27156 AND TITLE 13, CALIFORNIA CODE OF REGULATIONS
SECTION 2222(h)

August, 1989

EVALUATION OF MAREMONT NEW AFTERMARKET TWO-WAY
CATALYTIC CONVERTER FOR EXEMPTION
FROM THE PROHIBITIONS OF VEHICLE CODE SECTION 27156 AND
TITLE 13, CALIFORNIA CODE OF REGULATIONS, SECTION 2222(h)

by

Mobile Source Division

State of California
AIR RESOURCES BOARD
9528 Telstar Avenue
El Monte, CA 91731

(This report has been reviewed by the staff of the California Air Resources Board and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the Air Resources Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.)

SUMMARY

Maremont Corporation (Maremont) of Carol Stream, Illinois, has applied for exemption to market the Walker Manufacturing two-way catalytic converter series 15111 and 15112 with new part numbers 28711 and 28712 under the California regulations for new aftermarket catalytic converters.

The Walker Manufacturing two-way converter has already been exempt from the prohibitions of Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h) in our Executive Order No. D-182-3 dated August 23, 1989. Based on the above, the staff recommends that the exemption be granted as requested.

CONTENTS

	<u>Page Number</u>
<u>SUMMARY</u>	i
<u>CONTENTS</u>	ii
I. <u>INTRODUCTION</u>	1
II. <u>CONCLUSION</u>	1
III. <u>RECOMMENDATION</u>	1
IV. <u>DEVICE DESCRIPTION</u>	1
V. <u>DEVICE EVALUATION</u>	2

EVALUATION OF MAREMONT NEW AFTERMARKET TWO-WAY
CATALYTIC CONVERTER FOR EXEMPTION
FROM THE PROHIBITIONS OF VEHICLE CODE SECTION 27156 AND
TITLE 13, CALIFORNIA CODE OF REGULATIONS, SECTION 2222(h)

I. INTRODUCTION

Maremont Corporation of Carol Stream, Illinois, has applied for an exemption to market the Walker Manufacturing two-way catalytic converter series 15111 and 15112 with new part numbers 28711 and 28712 in accordance with the California regulations on new aftermarket catalytic converters.

II. CONCLUSION

The Walker Manufacturing two-way catalytic converter meets the criteria set forth in Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h) and was granted exemption in our E.O. D-182-3 dated August 23, 1989 for application on vehicles not exceeding 5,000 lbs and 6.6 liters.

III. RECOMMENDATION

The staff recommends that the exemption be granted as requested and that Executive Order No. D-184-4 be issued, permitting the advertisement, sales and installation of the new aftermarket three-way catalytic converter.

IV. DEVICE DESCRIPTION

The Walker Manufacturing two-way catalytic converter consists of honeycomb type substrate coated with platinum and palladium and enclosed in an outer shell or container of stainless steel.

The Walker Manufacturing two-way catalytic converter uses materials and construction similar to the original equipment manufacturers. The catalytic converter is sold with installation instructions and kits as shown in the Maremont application catalog. The converter is also sold with a two year or 25,000 miles warranty on the substrates and five years or 50,000 miles on the container or shell.

V. DEVICE EVALUATION

Walker Manufacturing provided test data for the two-way catalytic converter. The tests were conducted by Olson Engineering, Inc., Huntington Beach, California. Two CVS-75 emission tests were conducted on the test vehicle with the converter installed and two CVS-75 tests were conducted with exhaust backpressure simulator. The mileage accumulation vehicles and the test vehicle had the test weights of 5,000 lbs and engine displacement of 6.6 liters. The conversion efficiencies for the two-way converter which Maremont intends to market as part numbers 28711 and 28712 for maximum vehicle weight of 5,000 lbs and 6.6 liter engines are 81.8% for HC and 92.9% for CO. The conversion efficiencies meet the requirements of the California regulations.

The staff based the evaluation of the new aftermarket two-way converter on the test data from Olson Engineering, Inc.