

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-23
Relating to Exemptions under Section 27156
of the Vehicle Code

CORONA MARKETING CORPORATION
"PASER 500"

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That the installation of a Paser 500 manufactured by Centurion Products and marketed by Corona Marketing Corporation has been found to not reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1974 model-year vehicles and older. This device consists of a set of plastic distributor terminal adapters connected by an insulated wire.

This Executive Order is valid provided that installation instructions for this device will not recommend tuning the vehicle to specifications different than those listed by the vehicle manufacturer. No claim shall be made for requiring special ignition wires with this device.

Changes made to the design or operating conditions of the device as originally submitted to the Air Resources Board for evaluation that adversely affect the performance of the vehicle's pollution control devices shall invalidate this Executive Order.

Marketing of this device using an identification other than that shown in this Executive Order or marketing of this device for an application other than those listed in this Executive Order shall have prior approval of the Air Resources Board.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE "PASER 500" DEVICE.

No claim of any kind, such as "Approved by Air Resources Board" may be made with respect to the action taken herein in any advertising or other oral or written communication.

Section 17500 of the Business and Professions Code makes unlawful, untrue or misleading advertising and Section 17534 makes violation punishable as a misdemeanor.

Section 39130 and 39184 of the Health and Safety Code provide as follows:

"39130. No person shall install, sell, offer for sale, or advertise, or, except in an application to the board for certification of a device, represent, any device as a motor vehicle pollution control device unless that device has been certified by the board. No person shall sell, offer for sale, advertise, or represent any motor vehicle pollution control device as a certified device which, in fact, is not a certified device. Any violation of this section is a misdemeanor."

"39184. No person shall install, sell, offer for sale, or advertise, or, except in an application to the board for accreditation of a device, represent, any device as a motor vehicle pollution control device for use on any used motor vehicle unless that device has been accredited by the board. No person shall sell, offer for sale, advertise, or represent any motor vehicle pollution control device as an accredited device. Any violation of this section is a misdemeanor."

Any apparent violation of the policy or laws will be submitted to the Attorney General of California for such action as he deems advisable.

Executed at Sacramento, California, this 22 day of January, 1974.

WILLIAM SIMMONS
Executive Officer

State of California

AIR RESOURCES BOARD

January 17, 1974

Staff Report

CORONA MARKETING CORPORATION
"PASER 500"

Distributor Terminal Adapter
System for Exemption to the Prohibitions
of Section 27156 of the Motor Vehicle Code

I. Introduction

Corona Marketing Corporation has applied for exemption to the prohibitions of Section 27156 of the Motor Vehicle Code for the "Paser 500". Section 27156 prohibits the installation of any device which reduces the effectiveness of motor vehicle emission control systems. The applicant intends to sell the product as an aftermarket part for 1974 model year vehicles and older.

At the present time, Corona Marketing Corporation has the exclusive marketing and distributorship of the "Paser 500" in California. "Paser 500" is manufactured by Centurion Products of Dallas, Texas.

The Air Resources Board had previously evaluated this device when it was marketed under the name of "Paser Magnum". After performing an engineering evaluation, the Board found this device as not having an adverse effect on the existing pollution control system and

issued a Resolution No. 71-25A on October 20, 1971, to REI Industries of Dallas, Texas, granting them an exemption to the prohibitions of Section 27156 of the Vehicle Code.

II.. System Description

This device is a set of adapters which are inserted between the distributor terminals and the ignition wires. The adapters are connected by an insulated wire. The center of each adapter has a metal conductor providing an electrical continuity between the ignition wires and the distributor terminal. No direct connection exists between the conductor and the insulated wire. This device is essentially identical to the Paser Magnum previously evaluated.

III.. System Evaluation

The only possible adverse effect arising from installation of this device is cross firing between adjacent distributor terminals. Although there is no electrical continuity between the insulated wire and the adapter terminal, very high voltages have a tendency to bridge insulated terminals which may lead to premature firing of the combustion chamber.

A test to determine whether this effect existed was performed on a state owned 1970 Chevrolet Impala with a 350 CID engine and standard ignition system. The test consisted of using the vehicles ignition system to generate the high voltage required to bridge the gap between the wire and the terminal. A test was performed with the ignition on and the engine not operating and a second test was performed at idle

with the adapter insulated wire cut and each end connected to the leads of a voltmeter to determine if any potential difference existed.

No deflection on the voltmeter was noticed in both tests indicating that the gap has enough resistance to prevent an electrical continuity between the wire and terminal. The continuity between the distributor cap and the ignition wire with the Paser 500 installed was equivalent to the original equipment design.

The only evident differences between the "Paser 500" and the "Paser Magnum" are advertisements, color schemes, and the name changes on the box. The names "REI" and "Paser Magnum" are still stamped on the device.

IV. Conclusion and Recommendation

The test results indicate that this device would not have any adverse effect on the existing emission control system. It is the staff's opinion that the "Paser 500" changes are minor that it would not change the Board's previous evaluation. Therefore, the staff recommends that the "Paser 500" be granted an exemption from the prohibitions of Section 27156 for 1974 and older model year vehicles.