

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-14
Relating to Exemptions under Section 27156
of the Vehicle Code

ALBANO ENTERPRISES
"V. C. METER"

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 "V. C. Meter" device manufactured by Albano Enterprises has been found to not reduce the effectiveness of required emission control devices in 1971 and older model vehicles and therefore is exempt from the prohibitions of Section 27156 of the Vehicle Code for these model-year vehicles. The device is inserted between the PCV valve and the intake manifold and permits a small controlled amount of additional air to enter the P.C.V. line.

The "V. C. Meter" device is identical in construction and operation to the Albano Enterprises' "Air Jet" device. Reference Resolution 70-54-C.

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.

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 vehicle's pollution control devices shall invalidate this Executive Order.

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 "V. C. METER" 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 19 day of October, 1973.

JOHN A. MAGA
Executive Officer

State of California

AIR RESOURCES BOARD

Staff Report

Evaluation of the Air Jet Device

March 15, 1972

I. Introduction

On September 16, 1970 the Board adopted Resolution 70-54 accrediting the "Air Jet" device as a closed crankcase emission control system for used motor vehicles with engine sizes over 140 cubic inches. This resolution included the following provision:

"The approval shall be valid until such time as the Board may approve the system as an acceptable modification under Assembly Bill 612 (Chapter 331, Stats. 1970) which amends Section 27156 of the Vehicle Code."

The resolution excluded vehicles with engine sizes under 140 cubic inches. Bench flow tests made at the Scott Laboratory for the applicant showed that the additional air admitted into the intake manifold through the "Air Jet" would adversely effect the operation of these engines.

On February 17, 1971 the Board adopted criteria for determining compliance with Section 27156 of the Vehicle Code. The device was reconsidered under these criteria. On July 21, 1971 the Board rescinded Resolution 70-54 and adopted Resolution 70-54-A finding that the "Air Jet" device did not reduce the effectiveness of any required motor vehicle pollution control device for engines over 140 cubic inch displacement and was therefore exempt from the prohibitions in Section 27156 of the Vehicle Code.

II. System Description

When the "Air Jet" device was considered for accreditation, it was described as consisting of a previously accredited positive crankcase emission control valve with necessary tubing and fittings to permit the blow-by gases from the crankcase to be burned in the engine. In addition, the "Air Jet" was inserted into the line between the "PCV" valve and the intake manifold. The function of the "Air Jet" was to permit additional air to enter the intake manifold.

III. Evaluation

The applicant has redesigned the "Air Jet" device and decreased the flow of air into the intake manifold. This redesigned device was tested for the applicant at the Scott Laboratory and the report submitted to the staff for evaluation.

Based on the information in this report and its previous experience with similar devices, the staff concluded that the newly designed "Air Jet" should have no adverse effects on the operation or the emission levels of 1971 and prior year model vehicles with engines in class A (under 140 cubic inches). The applicant has also stated that the device will be properly identified as to the applicable engine size for which it is designed.

IV. Conclusion and Recommendations

The staff has found no evidence that the "Air Jet" device will reduce the effectiveness of required existing motor vehicle emission control devices for 1971 and older model vehicles. The staff, therefore, recommends that the Board find that the "Air Jet" device be exempt from the prohibitions of Section 27156 of the Vehicle Code for 1971 and prior year model vehicles.

REF: Resolution 70-54-B