

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-78  
Relating to Exemptions under Section 27156  
of the Vehicle Code

STARLIGHT PRODUCTS CORP.  
"CARBURETOR FUEL AND PULSATION CONTROL DEVICE"

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 Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-5;

IT IS ORDERED AND RESOLVED: That the installation of the "Carburetor Fuel and Pulsation Control Device" manufactured by Starlight Products Corp., Box 1046, Monrovia, California 91016 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 1979 and older model-year motor vehicles equipped with conventional carburetors. Diesel and fuel injection engines are not included.

This Executive Order is valid provided that installation instructions for this device will not recommend tuning the vehicle to specifications different from those listed by the vehicle manufacturer.

Changes made to the design or operating conditions of the device, as exempted by the Air Resources Board, that adversely affect the performance of a vehicle's pollution control system 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 be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect that the use of this device may have on any warranty either expressed or implied by the vehicle manufacturer.

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 "CARBURETOR FUEL AND PULSATION CONTROL 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.

STARLIGHT PRODUCTS CORP.  
"CARBURETOR FUEL AND PULSATION CONTROL DEVICE"

EXECUTIVE ORDER D-78  
(Page 2 of 2)

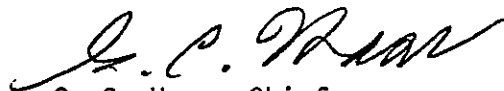
Section 17500 of the Business and Professions Code makes untrue or misleading advertising unlawful, and Section 17534 makes violation punishable as a misdemeanor.

Section 43644 of the Health and Safety Code provides as follows:

"43644. (a) No person shall install, sell, offer for sale, or advertise, or, except in an application to the state board for certification 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 certified by the state 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 subdivision is a misdemeanor."

Any apparent violation of the conditions of this Executive Order will be submitted to the Attorney General of California for such action as he deems advisable.

Executed at El Monte, California, this 6 day of July, 1979.



G. C. Hass, Chief  
Vehicle Emissions Control Division

State of California

AIR RESOURCES BOARD

June 22, 1979

Staff Report

Evaluation of Starlight Products Corp.  
Carburetor and Fuel Pulsation Control Device"  
in Accordance with Section 2222, Title 13 of the  
California Administrative Code

I. Introduction

Starlight Products Co., Monrovia, California 91016 has submitted an application (see Appendix A) requesting an exemption from Section 27156 of the California Vehicle Code for its "Carburetor Fuel and Pulsation Control Device" for installation on all 1979 and older model vehicles equipped with conventional carburetor systems except for the following:

- a) fuel injection gasoline powered vehicles
- b) diesel vehicles

Section 27156 of the Vehicle Code prohibits the installation, sale or advertisement of any device or mechanism which alters the performance or design of the vehicle's emission control systems. The Air Resources Board is empowered to exempt any device from this prohibition if a finding shows the device will not reduce the effectiveness of the emission control system.

## II. System Description

The "Carburetor Fuel and Pulsation Control Device" consists of a metal chamber installed in the fuel line which has two diaphragms and springs designed to absorb fuel pulsations caused by the fuel pump. The diaphragms consist of a material manufactured by Dupont called "Fairprene". See Exhibit B for specifications and Exhibit C for a cross section of the device. An additional claimed benefit is that under certain conditions the device will indicate potential fuel pump problems.

## III. Engineering Evaluation

After examining the device, and an engineering evaluation, the staff came to the conclusion that it would have no effect on emissions.

## IV. Applicant's Claims

The applicant has agreed to discontinue previous mileage and other claims and has submitted advertising material (Exhibit D) which is within acceptable limits. The staff believes that any benefits would be minimal.

V. Recommendation

Based on an engineering evaluation and the information submitted by the applicant, the staff recommends that Starlight Products Corporation be granted an exemption for the "Carburetor Fuel and Pulsation Control Device" from the prohibitions of Vehicle Code Section 27156 for the 1979 and older model vehicles except for the following:

- 1) Diesel vehicles
- 2) Fuel injection powered gasoline vehicles.