

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-134-1  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

NATIONAL FUELSAVER CORPORATION  
PLATINUM GASAVER

WHEREAS, Vehicle Code Section 27156 and Title 13 California Code of Regulations (hereafter "CCR") Section 2222(e), authorize the California Air Resources Board (ARB) and its Executive Officer to exempt add-on and modified parts from the prohibitions of Vehicle Code Section 27156.

WHEREAS, National Fuelsaver Corporation has applied to the ARB for exemption from the prohibitions of Vehicle Code Section 27156 for the Platinum Gasaver.

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:

1. The Platinum Gasaver is an add-on device which injects vapor into the intake manifold of a motor vehicle.
2. The Platinum Gasaver is intended for use with a required motor vehicle pollution control system.
3. The Platinum Gasaver by being installed in the engine alters the original design of a motor vehicle pollution control system.
4. The Platinum Gasaver is a device subject to the prohibitions of Vehicle Code Section 27156 and an add-on part as defined by 13 CCR Section 1900(b)(1).
5. The Platinum Gasaver does not reduce the effectiveness of any required motor vehicle pollution control device.
6. The Air Resources Board, in the exercise of technical judgement, is aware of no basis on which the Platinum Gasaver will provide an increase in fuel economy.
7. It has not been determined what effect use of the Platinum Gasaver may have on any warranty, either expressed or implied, by the manufacturer of a motor vehicle on which the device is installed.

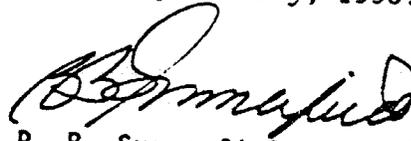
8. The Platinum Gasaver is not a certified motor vehicle pollution control device pursuant to Health and Safety Code Section 43644.
9. The Air Resources Board by granting an exemption to National Fuelsaver Corporation for the Platinum Gasaver does not recommend or endorse in any way the Platinum Gasaver for emissions reduction, fuel economy, or any other purpose.

IT IS HEREBY RESOLVED that the Platinum Gasaver is exempt from the prohibitions of Vehicle Code Section 27156 for installation on 1990 and earlier model-year vehicles powered with gasoline internal combustion engines subject to the following conditions:

1. This exemption shall not apply to any device, apparatus, or mechanism advertised, offered for sale or sold with, or installed on, a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.
2. No changes are permitted to the device as described in the application for exemption. Any changes to the device, 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.
3. 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 the Executive Order 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 component of the product as an individual device.
4. Any oral or written references to this Executive Order or its content by National Fuelsaver 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 fuel economy or emissions reduction claims for the Platinum Gasaver and is only a finding that the device is exempt from the prohibitions of Vehicle Code Section 27156.
5. This Executive Order is valid provided that installation instructions for this device will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.
6. No claim of any kind, such as "Approved by the Air Resources Board" may be made with respect to the action taken herein in any advertising or other oral or written communication.

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 the order, in 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 after hearing that grounds for revocation exist.

Executed at El Monte, California, this 9<sup>th</sup> day of July, 1990.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

State of California  
AIR RESOURCES BOARD

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EVALUATION OF NATIONAL FUELSAVER CORPORATION'S PLATINUM GASAVER  
FOR EXEMPTION FROM THE PROHIBITIONS OF VEHICLE CODE  
SECTION 27156 IN ACCORDANCE WITH SECTION 2222, TITLE 13, OF THE  
CALIFORNIA ADMINISTRATIVE CODE

July 1990

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CALIFORNIA ADMINISTRATIVE CODE

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

National Fuelsaver Corporation has requested to update Executive Order D-134 from the prohibitions of Vehicle Code Section 27156. Executive Order D-134 currently exempts the Platinum Gasaver for 1983 and older model-year gasoline vehicles. National Fuelsaver Corporation would like to update the exemption to include 1990 and older model-year gasoline vehicles.

The staff recommends adoption of Executive Order D-134-1 granting National Fuelsaver Corporation exemption for the Platinum Gasaver for 1990 and older model-year vehicles.

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ACCORDANCE WITH SECTION 2222, TITLE 13, OF THE CALIFORNIA ADMINISTRATIVE CODE

I. INTRODUCTION

National Fuelsaver Corporation, 60 Plain Street, Clinton, Massachusetts 01510, previously received an exemption from the prohibitions of Vehicle Code Section (VC) 27156 for the Platinum Gasaver under Executive Order D-134. Under Executive Order D-134, the device can be used on 1983 and older model-year vehicles. National Fuelsaver has requested the exemption for the Platinum Gasaver be updated to include the 1990 and older model-years. The applicant states there is no change in the design of the original unit or its application.

II. CONCLUSIONS

The Air Resources Board's staff previously determined through an engineering evaluation that the Platinum Gasaver would not adversely affect the vehicle's exhaust emissions. Since the device has not been changed, the staff has no basis upon which to deny the request of the applicant and concurs that the device will have no adverse impact on emissions of 1990 and older model-year vehicles.

III. RECOMMENDATION

The staff recommends to grant the exemption to National Fuelsaver Corporation as requested and Executive Order No. D-134-1 permitting the advertisement, sales and installation of the Platinum Gasaver for 1990 and older model-year vehicles be issued.

#### IV. PLATINUM GASAVER DESCRIPTION AND OPERATION

The Platinum Gasaver is a vapor injection system. It consists of a plastic container (reservoir), a tube to remotely connect the reservoir to the engine's intake manifold, and a proprietary fluid.

The reservoir is made of molded plastic. There are two openings on the reservoir, an outlet nipple with a 0.006 inch orifice at the upper part of the reservoir and an inlet opening close to the bottom of the reservoir. A 5/8 inch fill pipe is open at the top to the atmosphere; its bottom is connected to the reservoir's inlet opening. A fill line is marked on the side of the reservoir to indicate and limit the reservoirs' filling to approximately one-half of its volume (nominal fill is approximately one pint).

A "T" connector is used to link the connecting tubing through existing vacuum lines to the engine's intake manifold. The tubing ends are simply slipped over the "T" connector and the outlet nipple on the reservoir without clamps.

The Platinum Gasaver concentrate (approximately 1 oz.) is a proprietary fluid and mixed with 12 oz. of preferably distilled water.

In operation, negative pressure from the engine intake manifold is applied to the upper portion of the reservoir through the fill pipe into the bottom portion of the reservoir. The air then bubbles through the fluid and rises to the upper portion of the reservoir to be mixed there with the liquid vapor. This mixture is then drawn into the engine's intake manifold and mixed with the air/fuel mixture charge being delivered to the engine cylinders.

V. DISCUSSION

National Gasaver Corporation previously received a VC 27156 exemption for the Platinum Gasaver for 1983 and older model-years. The device has not changed and this same technology can be used on the 1990 model-year vehicles. Therefore, staff determined the Platinum Gasaver will not have an adverse impact on 1990 and older model-year vehicles.

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