

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-366
Relating to Exemptions Under Section 27156
of the Vehicle Code

FERRARA INT'L. ENVIRONMENTAL PRODUCTS CO., INC.
FUEL TREATMENT DEVICES PFTD-10 AND CFTD-2

WHEREAS, Vehicle Code Section 27156 and Title 13 California Code of Regulations (hereafter "CCR") Section 2222(e), authorizes 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, Ferrara Int'l. Environmental Products Co., Inc. of 37 West 56th Street, Suite 3R, New York, New York 10019, has applied to the ARB for exemption from the prohibitions of Vehicle Code Section 27156 for the Fuel Treatment Devices PFTD-10 and CFTD-2.

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 Fuel Treatment Devices PFTD-10 and CFTD-2 are add-on devices that are attached to the fuel line in a motor vehicle.
2. The fuel line is part of the required motor vehicle pollution control system.
3. The Fuel Treatment Devices PFTD-10 and CFTD-2 are intended for use with a required pollution control system.
4. The Fuel Treatment Devices PFTD-10 and CFTD-2 by being installed on the fuel line alters the original design of a motor vehicle pollution control system.
5. The Fuel Treatment Devices PFTD-10 and CFTD-2 are devices subject to the prohibitions of Vehicle Code Section 27156 and an add-on part as defined by 13 CCR Section 1900(b)(1).
6. The Fuel Treatment Devices PFTD-10 and CFTD-2 do not reduce the effectiveness of any required motor vehicle pollution control device.
7. The ARB, in the exercise of technical judgement, is aware of no basis on which the Fuel Treatment Devices PFTD-10 and CFTD-2 will provide either a decrease in emission or an increase in fuel economy.
8. It has not been determined what effect use of the Fuel Treatment Devices PFTD-10 and CFTD-2 may have on any warranty, either expressed or implied, by the manufacturer of a motor vehicle on which the device is installed.
9. The Fuel Treatment Devices PFTD-10 and CFTD-2 are not certified motor vehicle pollution control devices pursuant to Health and Safety Code Section 43644.

10. The ARB by granting an exemption to Ferrara Int'l. Environmental Products Co., Inc. for the Fuel Treatment Devices PFTD-10 and CFTD-2 does not recommend or endorse in any way the Fuel Treatment Devices PFTD-10 and CFTD-2 for emissions reduction, fuel economy, or any other purpose.

IT IS HEREBY RESOLVED that the Fuel Treatment Devices PFTD-10 and CFTD-2 are exempt from the prohibitions of Vehicle Code Section 27156 for installation on 1994 and older model-year gasoline and diesel powered vehicles subject to the following conditions:

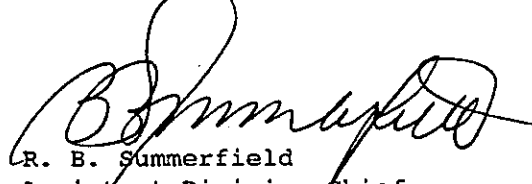
1. This exemption shall not apply to any device, apparatus, or mechanism advertised, offered for sale or sold with, or installed on, a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.
2. No changes are permitted to the devices as described in the application for exemption. Any changes to the devices, applicable model year, or other factors addressed in this order must be evaluated and approved by the ARB prior to marketing in California.
3. Marketing of the devices using an identification other than that shown in this Executive Order or marketing of the devices for an application other than those listed in Executive Order shall be prohibited unless prior approval is obtained from the ARB. 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 the Ferrara Int'l. Environmental Products Co., Inc. 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 Fuel Treatment Devices PFTD-10 and CFTD-2 and is only a finding that the devices are exempt from the prohibitions of Vehicle Code Section 27156.
5. 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 a 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.

FERRARA INT'L. ENVIRONMENTAL PRODUCTS CO., INC.
FUEL TREATMENT DEVICES PFTD-10 AND CFTD-2

EXECUTIVE ORDER D-366
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Executed at El Monte, California, this 28th day of July, 1994.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

State of California
AIR RESOURCES BOARD

EVALUATION OF FERRARA INTERNATIONAL ENVIRONMENTAL PRODUCTS CO., INC'S.
FUEL TREATMENT DEVICES PFTD-10 AND CFTD-2 FOR EXEMPTION FROM THE
PROHIBITIONS OF VEHICLE CODE SECTION 27156 IN ACCORDANCE WITH SECTION 2222,
TITLE 13, OF THE CALIFORNIA CODE OF REGULATIONS

July 1994

State of California
AIR RESOURCES BOARD

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FUEL TREATMENT DEVICES PFTD-10 AND CFTD-2 FOR EXEMPTION FROM THE
PROHIBITIONS OF VEHICLE CODE SECTION 27156 IN ACCORDANCE WITH SECTION 2222,
TITLE 13, OF THE CALIFORNIA CODE OF REGULATIONS

by

Mobile Source Division
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El Monte, CA 91731-2990

(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

Ferrara International Environmental Products Co., Inc. of 37 West 56th Street, Suite 3R, New York, New York 10019, has applied for exemption from the prohibitions in Section 27156 of the California Vehicle Code for the Fuel Treatment devices PFTD-10 and CFTD-2. The devices are designed for installation on 1994 and older model-year gasoline and diesel powered vehicles.

Previously the Air Resources Board (ARB) exempted three similar devices; "Fuel Charger" by J. A. Lance Company, Inc., "Fuel-Energizer" by the Magnetizer Group, Inc. and "Magna Charger" by B & D Research and Development. Based on the engineering evaluation of the Fuel Treatment devices PFTD-10 and CFTD-2 and exemptions issued for the devices that operate in a manner similar to the Fuel Treatment devices PFTD-10 and CFTD-2, the staff believes that the Fuel Treatment devices PFTD-10 and CFTD-2 will not have any adverse effects on the exhaust emissions from gasoline and diesel powered vehicles.

The staff recommends that the Fuel Treatment Devices PFTD-10 and CFTD-2 be exempted from the prohibitions in Vehicle Code Section 27156 and that Executive Order D-366 be issued.

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TITLE 13, OF THE CALIFORNIA CODE OF REGULATIONS

I. INTRODUCTION

Ferrara International Environmental Products Co., Inc. of 37 West 56th Street, Suite 3R, New York, New York 10019, has applied for an exemption from the prohibitions of Vehicle Code Section (VC) 27156 for the Fuel Treatment devices PFTD-10 and CFTD-2. The devices are designed for installation on 1994 and older model-year gasoline and diesel powered vehicles. The applicant submitted installation instructions and specifications of the device for our evaluation.

II. CONCLUSIONS

Previously, the Air Resources Board (ARB) exempted three similar devices; "Fuel Charger" by J. A. Lance Company, Inc., "Fuel-Energizer" by the Magnetizer Group, Inc. and "Magna Charger" by B & D Research and Development". Based on the engineering evaluation of the device and the exemptions issued to other devices that operate in a manner similar to the Fuel Treatment devices PFTD-10 and CFTD-2, the staff has determined the Fuel Treatment devices PFTD-10 and CFTD-2 will not have any adverse effects on the exhaust emissions from gasoline and diesel powered vehicles.

III. RECOMMENDATION

The staff recommends that Ferrara International Environmental Products Co., Inc, be granted an exemption from the prohibitions in California Vehicle Code Section 27156 for the Fuel Treatment devices PFTD-10 and CFTD-2 and that Executive Order D-366 be issued.

IV. DEVICE DESCRIPTION

The Fuel Treatment device PFTD-10 is designed for installation on light-duty gasoline vehicles and the CFTD-2 device is designed for installation on heavy-duty gasoline and diesel vehicles. The PFTD-10 is a magnetic oblong shaped device that comes in two sections. Each section is about 2-3/4 inches long and 1-7/8 inches in diameter. The external surface is made of a corrosion resistant stainless steel with an internal magnetic shield made of low carbon steel. The PFTD-10 device is secured to the fuel line by a single metal clamp that goes around the middle of the device. The CFTD-2 is a magnetic rectangular shaped stainless steel device approximately seven (7) inches in length. The CFTD-2 device is secured to the fuel line by two clamps at each end of the device. According to the manufacturer, the devices should be positioned on the fuel line as close to the carburetor or fuel injector as possible. The device's installation instructions are shown in the Appendix.

V. DISCUSSION

Ferrara International Environmental Products Co., Inc. claims that the Fuel Treatment devices PFTD-10 and CFTD-2, when installed on a vehicle's fuel line, magnetically treats fluid hydrocarbon fuels. The manufacturer stated the devices are configured so that the fuel passing through the device is treated by the focalized magnetic field. The manufacturer also claims that the devices allow the engine to operate more efficiently and improves fuel economy. The ARB did not perform any testing on the devices to substantiate the claims made by the manufacturer. However, it is the staff's opinion that the technical principles underlying the stated function of the devices are not capable of producing any effects on emissions and fuel economy.

The ARB previously exempted three similar devices; "Fuel Charger" by J. A. Lance Company, Inc., "Fuel-Energizer" by the Magnetizer Group, Inc. and "Magna Charger" by B & D Research and Development". Because of previous exemptions issued to similar devices with the same operating principle as the Fuel Treatment Devices PFTD-10 and CFTD-2 and the fact that qualifying for an exemption is based on not adversely affecting exhaust emissions, the staff recommends that Ferrara International Environmental Products Co., Inc. be granted an exemption as requested.

APPENDIX



F E R R A R A I N T E R N A T I O N A L E N V I R O N M E N T A L P R O D U C T S C O . , I N C .

LOGO - ECO-SYSTEMS - UNIVERSALLY ACCEPTABLE ARE TRADE MARK OF FIEP

HOW TO INSTALL THE PASSENGER FUEL TREATMENT DEVICE (PFTD-10)

1. Make sure that your ENGINE is OFF and is COOL enough to install the Device safely.
2. Locate your ENGINE FUEL LINE leading in to the carburetor or fuel injector.
3. CLAMP the PFTD-10 around the fuel line. Make sure that the PFTD-10 is positioned as close as possible to the carburetor or the fuel injector to insure maximum performance.
4. Be sure the PFTD-10 is placed where it will not interfere with any other lines or wires.
5. Tighten the clamp provided to insure safety, make sure it is tight, make sure it does not slight up or down.

The best gasoline mileage is obtained by keeping your vehicle in proper tune and follow the maintenance schedule recommended by the manufacturer. REDUCTION in gasoline may vary depending on year model, make and driver habits.

- A. ONE TIME INSTALLATION
- B. NO MAINTENANCE REQUIRED
- C. EASY TO INSTALL
- D. REDUCES POLLUTION SUBSTANTIALLY

The PFTD-10 is guaranteed to perform or money back guaranteed within 60 days.

Two (2) years warranty or 30,000 miles which ever comes first.

YOU CAN BE SURE OF THE PERFORMANCE "ECO-SYSTEMS" Products Line is UNIVERSALLY ACCEPTABLE (tm)



F E R R A R A I N T E R N A T I O N A L E N V I R O N M E N T A L P R O D U C T S C O . , I N C .

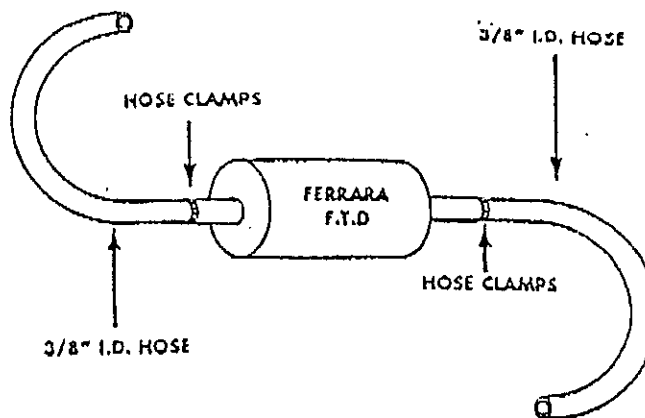
When you install the ECO-SYSTEMSSM MARINE & COMMERCIAL FUEL TREATMENT DEVICE in your truck, bus, heavy equipment, or farm machinery you can "know" that you are polluting less, while saving money.

The ECO-SYSTEMSSM MARINE & COMMERCIAL FUEL TREATMENT DEVICE increases performance on most gasoline and diesel commercial vehicles.

HOW TO INSTALL YOUR FUEL TREATMENT DEVICE:

1. Make sure your engine is OFF and COOL before starting, to install it safely.
2. Locate your fuel line, BEFORE the fuel injector but after the fuel filters.
3. Cut the fuel line, (preferably with a plumber's pipe cutter) as close as possible to the fuel injector.
4. INSERT the device in to the fuel line (hose). CHECK to insure the device is not touching the engine block or any other moving parts.
5. *Tighten the CLAMPS provided at both ends, as shown on the drawing.

REMEMBER, the closer you can position the device to the INJECTOR the better results you will see. The best gasoline or diesel mileage is obtained by keeping your vehicles in proper tune-up and follow the MAINTENANCE SCHEDULE. REDUCTION in fuel may vary depending on year model, make and driver habits.



The MARINE & COMMERCIAL FUEL TREATMENT DEVICE (CFTD-2) is guaranteed to perform or your money back guaranteed within sixty (60) days.