

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-229
Relating to Exemptions Under Section 27156
of the Vehicle Code

INTERNATIONAL RESEARCH AND DEVELOPMENT
KANE SOFT PARTICLE INDUCTOR MODEL NUMBER 303

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, International Research and Development has applied to the ARB for exemption from the prohibitions of Vehicle Code Section 27156 for the Kane Soft Particle Inductor model number 303.

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 Kane Soft Particle Inductor model number 303 is an add-on device attached to the fuel line in a motor vehicle.
2. The Kane Soft Particle Inductor model number 303 is intended for use with a required motor vehicle pollution control system.
3. The Kane Soft Particle Inductor model number 303 by being installed in the fuel line alters the original design of a motor vehicle pollution control system.
4. The Kane Soft Particle Inductor model number 303 is a device subject to the prohibitions of Vehicle Code Section 27156 and add-on part as defined by 13 CCR Section 1900(b)(1).
5. The Kane Soft Particle Inductor model number 303 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 Kane Soft Particle Inductor model number 303 will provide either a decrease in exhaust emissions or an increase in fuel economy.

7. It has not been determined what effect the use of the Kane Soft Particle Inductor model number 303 may have on any warranty, either expressed or implied, by the manufacturer of a motor vehicle on which the device is installed.
8. The Kane Soft Particle Inductor model number 303 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 International Research and Development for the Kane Soft Particle Inductor model number 303 does not recommend or endorse in any way the Kane Soft Particle Inductor model number 303 for emissions reduction, fuel economy, or any other purpose.

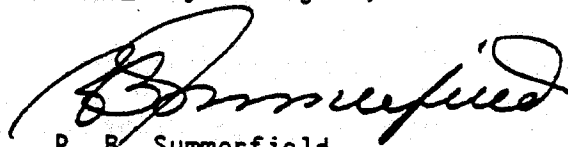
IT IS HEREBY RESOLVED that the Kane Soft Particle Inductor model number 303 is exempt from the prohibitions of Vehicle Code Section 27156 for installation on 1991 and older model year gasoline and diesel powered vehicles subject to the following conditions:

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 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 International Research and Development, 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 Kane Soft Particle Inductor model number 303 and is only a finding that the device is 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 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 15th day of August, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

State of California
AIR RESOURCES BOARD

EVALUATION OF INTERNATIONAL RESEARCH AND DEVELOPMENT'S
KANE SOFT PARTICLE INDUCTOR MODEL NUMBER 303 FOR EXEMPTION
FROM THE PROHIBITIONS OF VEHICLE CODE SECTION 27156 IN ACCORDANCE
WITH SECTION 2222, TITLE 13, OF THE CALIFORNIA CODE OF REGULATIONS

August 1991

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AIR RESOURCES BOARD

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by

Mobile Source Division
State of California
Air Resources Board
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(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

International Research and Development, of P. O. Box 571, Kootenai, ID 83840, has applied for an exemption from the prohibitions in Section 27156 of the California Vehicle Code for the Kane Soft Particle Inductor model number 303. The Kane Soft Particle Inductor model number 303 is designed for installation on 1991 and older model year gasoline and diesel powered vehicles.

Previously, the Air Resources Board exempted three similar devices; "Polarion-X" by AZ Industries, Inc., "Petro-Mizer MKI" by P and M Research and Development Laboratory, and "Fuel Energizer" by Magnetizer Group, Inc., with the same basic operating principles. Based on the engineering evaluation of the device and exemption of similar devices, the staff believes the Kane Soft Particle Inductor model number 303 does not have any adverse effect on exhaust emissions. The staff recommends the Kane Soft Particle Inductor model number 303 be exempted from the prohibitions in Vehicle Code Section 27156 and that Executive Order D-229 be issued.

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I. INTRODUCTION

International Research and Development, of P. O. Box 571, Kootenai, ID 83840, has applied for an exemption from the prohibitions in Section 27156 of the California Vehicle Code for the Kane Soft Particle Inductor model number 303. The Kane Soft Particle Inductor model number 303 is designed for installation on 1991 and older model year gasoline and diesel powered vehicles.

II. CONCLUSIONS

Previously, the Air Resources Board exempted three similar devices; "Polarion-X" by AZ Industries, Inc., "Petro-Mizer MKI" by P and M Research and Development Laboratory, and "Fuel Energizer" by Magnetizer Group, Inc., with the same basic operating principles. Based on the engineering evaluation of the device and exemption of similar devices, the staff believes the Kane Soft Particle Inductor model number 303 does not have any adverse effect on exhaust emissions.

III. RECOMMENDATION

The staff recommends the Kane Soft Particle Inductor model number 303 be exempted from the prohibitions in Vehicle Code Section 27156 and that Executive Order D-229 be issued.

IV. DEVICE DESCRIPTION

The Kane Soft Particle Inductor model number 303 is a magnetic device designed for installation on the fuel line. The device is mounted on the fuel

line as close to the injection system as possible and pressed together. The device is attached to the line in a clamping mode type operation. The magnet housing is round in shape and contains two parts. The two parts slide together allowing the fuel line to be trapped in the middle of the device. The device is held together in this position by two serrated tabs on opposite sides of the housing.

V. DISCUSSION

International Research and Development claims when the device is installed on a vehicle's fuel line, it induces a magnetic field to the fuel which aligns the molecular structure allowing the fuel to vaporize and burn more efficiently. It is the staff's opinion that the technical principle underlying the stated function of the device are not capable of producing any effects on emissions and fuel economy..

The ARB did not perform any emission or fuel economy tests to substantiate the claims made by the manufacturer. No adjustments such as timing, EGR, fuel metering or any other engine adjustments are included in the installation instructions.

Previously, the ARB exempted three similar devices: "Polarion-X" by AZ Industries, Inc., "Petro-Mizer MKI" by P and M Research and Development Laboratory, and "Fuel Energizer" by The Magnetizer Group, Inc. The exemptions were granted based on back-to-back CVS-testing, fuel economy testing and engineering evaluation. Because of the previous exemptions issued to similar devices with the same operating principle and the fact that qualifying for an exemption is based on not adversely affecting exhaust emissions, the staff recommends that International Research and Development be granted an exemption as requested.

APPENDIX

The Kane soft particle inductor, a **FUEL CONDITIONER** **Magnetic**, ionization of the hydrocarbon atoms.

Reports of 2 to 4 extra miles per gallon on autos and $\frac{1}{2}$ to 1 mile increase on heavy diesel trucks.

No tools are needed, and it installs in seconds.

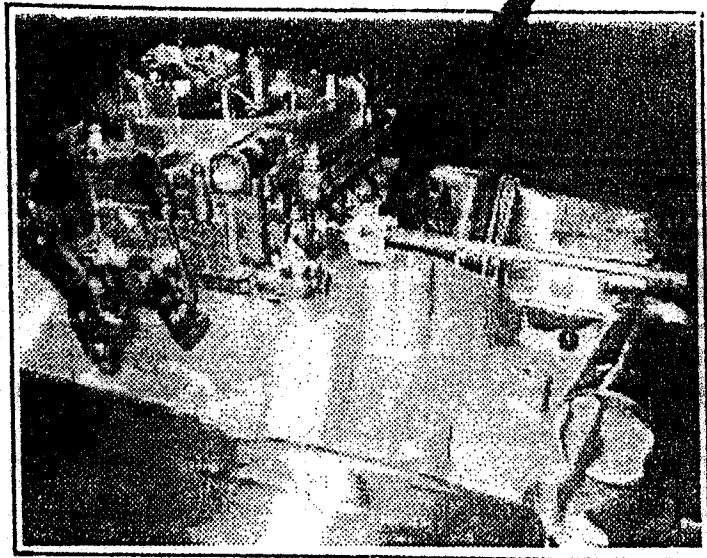
Too good to be true? That's why we guarantee it!

The principle is not new, an old theory from the 1800's, now put into use through modern science.

How does it work?

Soft particle physics — the inductor aligns the molecular structure allowing the fuel to vaporize and burn more efficiently.

The Guarantee: Try one for 90 days. If you're not satisfied, you'll get your money back!



Installation: Simply slip the Kane inductor over the fuel line as close to the injection system as possible, and press together.

The Kane soft particle inductor, a patented device, uses no energy, no electrical hook-ups, requires no maintenance, and never wears out.

The fact is, once you have a Kane soft particle inductor on your vehicle, you will be so satisfied with it, that no one will be able to get you to remove it.

One size fits all fuel lines to $\frac{1}{2}$ ", that covers all cars and trucks.

- Works on all engines, gas or diesel.

Customer reports on file:

"73 more miles on 15 gallons."

Los Angeles

"200 more miles on 300 gallons."

18 Wheeler

"Increased performance 13.8%."

Motorhome

"Will save me its cost in 30/45 days."

N.G.B.

Compare others on the market. The truck diesel model sells for \$189.00 and the car version for a bit less, about \$130.00. In both cases you **must cut the fuel line** to install their units, and neither operate better than the Kane inductor.

THE KANE INDUCTOR:

- No tools are needed.
- Installs in seconds.
- No fuel lines are cut.
- No ceramics are used.
- Price breakthrough.

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