

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-283  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

THE MARKNET GROUP, INC.  
FUEL BUDDY

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, The Marknet Group, Inc. has applied to the ARB for exemption from the prohibitions of Vehicle Code Section 27156 for the Fuel Buddy Device.

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 ARB finds:

1. The Fuel Buddy is an add-on device that is 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 Buddy is intended for use with a required pollution control system.
4. The Fuel Buddy by being installed on the fuel line alters the original design of a motor vehicle pollution control system.
5. The Fuel Buddy 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).
6. The Fuel Buddy does 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 Buddy 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 Buddy 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 Buddy is not a certified motor vehicle pollution control device pursuant to Health and Safety Code Section 43644.
10. The ARB by granting an exemption to The Marknet Group for the Fuel Buddy does not recommend or endorse in any way the Fuel Buddy for emissions reduction, fuel economy, or any other purpose.

IT IS HEREBY RESOLVED that the Fuel Buddy is exempt from the prohibitions of Vehicle Code Section 27156 for installation on 1992 and earlier model-year vehicles with gasoline or diesel 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 ARB 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 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 The Marknet Group, 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 Buddy 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.

THE MARKNET GROUP, INC.  
FUEL BUDDY

EXECUTIVE ORDER D-283  
(Page 3 of 3)

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.

Executed at El Monte, California, this 5<sup>th</sup> day of October, 1992.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

State of California  
AIR RESOURCES BOARD

EVALUATION OF THE MARKNET GROUP, INC.'S FUEL BUDDY  
FOR EXEMPTION FROM THE PROHIBITIONS OF VEHICLE CODE SECTION  
27156 IN ACCORDANCE WITH SECTION 2222, TITLE 13, OF THE  
CALIFORNIA CODE OF REGULATIONS

October 1992

State of California  
AIR RESOURCES BOARD

EVALUATION OF THE MARKNET GROUP, INC.'S FUEL BUDDY  
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  
State of California  
Air Resources Board  
9528 Telstar Avenue  
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

The Marknet Group, Inc. of 19800 MacArthur Boulevard, Suite 500, Irvine, California 92715, has applied for exemption from the prohibitions in Section 27156 of the California Vehicle Code for the Fuel Buddy device. The device is designed for installation on 1992 and older model-year vehicles with gasoline or diesel engines.

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 Buddy device and exemptions issued for the devices that operate in a manner similar to the Fuel Buddy, the staff believes that the Fuel Buddy will not have any adverse effects on the exhaust emissions from vehicles with gasoline or diesel engines.

The staff recommends that the Fuel Buddy device be exempted from the prohibitions in Vehicle Code Section 27156 and that Executive Order D-283 be issued.

TABLE OF CONTENTS

	Page Number
SUMMARY	i
CONTENTS	ii
I. INTRODUCTION	1
II. CONCLUSION	1
III. RECOMMENDATION	1
IV. DEVICE DESCRIPTION	2
V. DISCUSSION	2
APPENDICES	3
A: INSTALLATION INSTRUCTIONS	A-1

EVALUATION OF THE MARKNET GROUP, INC.'S FUEL BUDDY  
FOR EXEMPTION FROM THE PROHIBITIONS OF VEHICLE CODE SECTION  
27156 IN ACCORDANCE WITH SECTION 2222, TITLE 13, OF THE  
CALIFORNIA CODE OF REGULATIONS

I. INTRODUCTION

The Marknet Group, Inc. of 19800 MacArthur Boulevard, Suite 500, Irvine, California 92715, has applied for an exemption from the prohibitions of Vehicle Code Section (VC) 27156 for the Fuel Buddy device. The device is designed for installation on 1992 and older model-year vehicles with gasoline or diesel engines. The applicant submitted installation instructions and a sample of the device for our evaluation.

II. CONCLUSION

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 Buddy, the staff has determined the Fuel Buddy will not have any adverse effects on the exhaust emissions from vehicles with gasoline or diesel engines.

III. RECOMMENDATION

The staff recommends that The Marknet Group, Inc. be granted an exemption from the prohibitions in California Vehicle Code Section 27156 for the Fuel Buddy device and that Executive Order D-283 be issued.

IV. DEVICE DESCRIPTION

The Fuel Buddy consists of a magnet secured on the vehicle's fuel line. Each Fuel Buddy magnet is three inches long, and is secured to the fuel line using a nylon tie. The device's installation instructions and a photograph are shown in Appendix A.

V. DISCUSSION

The Marknet Group, Inc. claims that the Fuel Buddy, when installed on a vehicle's fuel line, magnetically treats fluid hydrocarbon fuels. The manufacturer stated the device causes the fuel molecules to develop a positive charge, attracting the negatively charged oxygen molecules. The manufacturer claims this device decreases emissions and improves fuel economy. The ARB did not perform any testing on the device 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 device 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 Buddy and the fact that qualifying for an exemption is based on not adversely affecting exhaust emissions, the staff recommends that The Marknet Group, Inc. be granted an exemption as requested.

APPENDIX

# FUEL BUDDY

## EXPLORING NEW TECHNOLOGY

Many theories exist as to why the FUEL BUDDY works. By combining the latest technology in rare earth magnetics and ceramics, when fluids are passed through the FUEL BUDDY field, long molecular chains break down and develop into smaller chains which react more efficiently.

## APPLICATION

FUEL BUDDYS have been used to successfully treat Natural Gas, lowering consumption with a more efficient flame. This same technology has now been applied to the treatment of automotive fuels. Field studies have shown significant savings of 10 to 15% + in every instance where tested on both gas and diesel.

## EQUIPMENT ADJUSTMENTS

No particular adjustments are required if the vehicle has been maintained and tuned. It will usually take 2 or 3 tanks before significant savings are seen. The savings should increase continuously for the first 8 to 10 tankfuls, thereafter your mileage should stabilize or even increase slightly.

## INSTALLATION

Place one (1) FUEL BUDDY on the fuel line from 3" to 10" from the fuel tank.

(See Figures A & B.) If you have dual tanks, you must install one FUEL BUDDY on each fuel line. The closer to the fuel tank, the better. This allows more time for molecular reaction prior to combustion. No Maintenance - No Moving Parts!

## SATISFACTION GUARANTEED

Use the FUEL BUDDY for 60 days - a minimum of 8 tankfuls. If you are not completely satisfied, return your FUEL BUDDY postage paid, for a full refund. NOTE: Postage and handling not included in refund.

**THE MARKNET GROUP, INC.**  
6312 Santa Ana Canyon Rd., #291  
Anaheim, California 92807  
1 (800) 523-3999

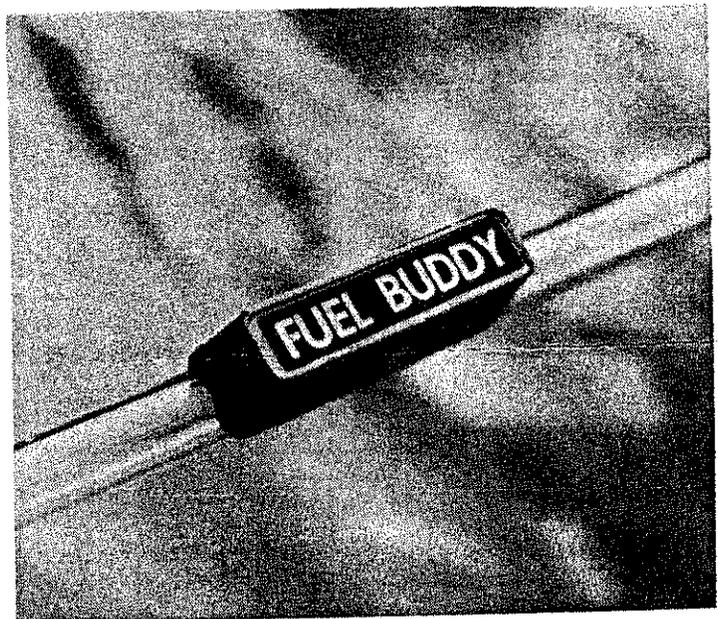


FIGURE A

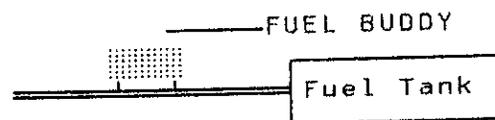


FIGURE B