

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-97-5  
Relating to Exemptions under Section 27156  
of the Vehicle Code

BAE  
TURBOCHARGER KIT MODEL NO. T04B M2

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 turbocharger kit Model No. T04B M2 manufactured by BAE of 3032 Kashiwa Street, Torrance, California 90505, has been found not to 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 1981 and 1982 model-year Airstream 28 foot motorhomes powered by a 1981 California certified Isuzu QD 145 six-cylinder diesel engine and automatic transmission.

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.

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. Exemption of a kit shall not be construed as an exemption to sell, offer for sale or advertise any component of a kit as an individual device.

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 BAE TURBOCHARGER KIT MODEL NO. T04B M2.

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.

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

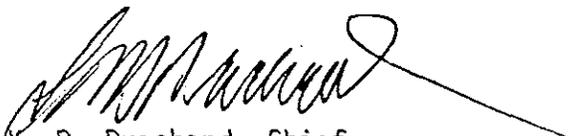
Section 43644 of the Health and Safety Code provides as follows:

"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.

Executive Order No. D-97-2, dated June 23, 1981, is superseded and of no further force and effect.

Executed at El Monte, California, this 1<sup>st</sup> day of September, 1981.

  
K. D. Drachand, Chief  
Mobile Source Control Division

State of California  
AIR RESOURCES BOARD

Staff Report

September 1, 1981

Evaluation of the BAE Turbocharger Kit Model No. T04B M2 for Compliance with the Requirements of Section 27156 of the Vehicle Code.

I. INTRODUCTION

BAE, of 3032 Kashiwa Street, Torrance, California 90505, has requested by letter dated August 7, 1981, an update to the existing Air Resources Board's Executive Order (E.O) No. D-97-2. The applicant requested that the exemption from the prohibitions of the Vehicle Code (V.C.) Section 27156 for their add-on turbocharger kit model number T04B M2 be updated to include 1982 model-year Airstream 28 foot motorhomes which are powered by 1981 California certified Isuzu QD 145 six-cylinder diesel engine and is equipped with automatic transmission.

II. TURBOCHARGER KIT DESCRIPTION/EVALUATION

The detailed description of the turbocharger kit and ARB's evaluation procedure for compliance with the requirements of V.C. Section 27156, is referred to the Air Resources Board (ARB) Staff Report titled "Evaluation of the BAE Turbocharger Kit Model No. T04B M2 for Compliance With the Requirements of Section 27156 of the Vehicle Code" dated June 5, 1981.

III. DISCUSSION

The original exemption, E.O. No. D-97-2, was granted for 1981 model-year Airstream 28 foot motorhomes having a 1981 California certified Isuzu QD 145 six-cylinder diesel engine and automatic transmission.

Airstream is introducing their 1982 model-year motorhomes which will still be powered by 1981 certified Isuzu QD 145 engines. The applicant (BAE) is making available their turbocharger kit to the said 1982 motorhomes.

The applicant has requested that the 1981 exemption be updated to include the 1982 model motorhomes.

The staff did not request or perform any exhaust emissions test. It is the staff's opinion that the installation of the add-on turbocharger kit will not have an adverse affect on the 1982 motorhomes for the following reasons:

1. BAE was granted an exemption for their kit applicable to 1981 Airstream motorhomes powered by a 1981 California certified diesel engine on the basis that the kit will not adversely affect the vehicles exhaust emissions;

2. The identical engine (1981 year model) exempted under E.O. No. D-97-2 will be used for the 1982 model year motorhomes; and

3. The 1981 and 1982 motorhomes have approximately the same GVW.

#### IV. CONCLUSION AND RECOMMENDATION

Based on the above, the staff is of the opinion that the BAE turbo-charger add-on kit model number T04B M2 will not adversely affect exhaust emissions from the 1982 model motorhomes that are powered by 1981 California certified Isuzu diesel engines. The staff recommends that Executive Order No. D-97-2 be updated to include the 1982 Airstream motorhomes powered by 1981 Isuzu California certified diesel engines. The staff, therefore, recommends that Executive Order No. D-97-5 be adopted.