

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-140-17
Relating to Exemptions under Section 27156
of the Vehicle Code

SPEARCO PERFORMANCE PRODUCTS, INC.
TURBOCHARGER INTERCOOLER KIT NOS. 99684 AND 99685
FOR 1984-1986 MASERATI BI-TURBO VEHICLES

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 intercooler kit Nos. 99684 (liquid/air type) and 99685 (air/air type) manufactured by Spearco Performance Products, Inc., of 7541 Woodman Place, Van Nuys, California 91405, 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 1984-1986 Maserati Bi-Turbo vehicles powered by a 2.5 liter engine.

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 TURBOCHARGER INTERCOOLER KIT NO. 99684 & 99685.

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 D-140-13, dated December 26, 1985, is superseded and of no further force and effect.

Executed at El Monte, California, this 4th day of March, 1986.



K. D. Drachand, Chief
Mobile Source Division

State of California
AIR RESOURCES BOARD

Evaluation of Spearco Performance Products, Inc.'s Turbocharger
Intercooler Kit Numbers 99684 and 99685 for 1984-1986 Maserati Bi-Turbo
Vehicles for Exemption from the Prohibitions in Vehicle Code Section
27156 in Accordance with Section 2222, Title 13, of the California
Administrative Code.

March, 1986

Evaluation of Spearco Performance Products, Inc.'s Turbocharger Intercooler Kit Nos. 99684 and 99685 for 1984-1986 Maserati Bi-Turbo Vehicles for Exemption from the Prohibitions in Vehicle Code Section 27156 in Accordance with Section 2222, Title 13, of the 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

Spearco Performance Products, Inc., has requested that an air/air type intercooler kit (kit No. 99685) be also included in the exemption in addition to the previously exempted liquid/air type intercooler kit (kit No. 99684) for installation on 1984-1986 Maserati Bi-Turbo vehicles powered by a 2.5 liter engine.

Based on the fact that: (1) Spearco has been granted an exemption for a liquid/air type intercooler kit for installation on the referenced vehicles; and (2) that the designed charge-side efficiency of the new air/air type intercooler is similar to that of the exempted liquid/air intercooler, the staff concludes that the air/air type intercooler kit being evaluated will not adversely affect emissions from vehicles for which exemption is requested.

The staff recommends that Spearco be granted its request and that Executive Order D-140-17 be issued.

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I. INTRODUCTION

Spearco Performance Products, Inc. (Spearco), of 7541 Woodman Place, Van Nuys, California 91405, has requested an update of its existing Air Resources Board's Executive Order (E.O.) No. D-140-13. The applicant requested that an air/air type intercooler kit (kit No. 99685) be also included in the exemption in addition to the previously exempted liquid/air type intercooler kit (kit No. 99684) for installation on 1984-1986 Maserati Bi-Turbo vehicles powered by a 2.5 liter engine.

II. CONCLUSION

Based on the fact that: (1) Spearco has been granted an exemption for a liquid/air type intercooler kit for installation on the referenced vehicles; and (2) that the designed charge-side efficiency of the new air/air type intercooler is similar to that of the exempted liquid/air intercooler, the staff concludes that the air/air type intercooler kit being evaluated will not adversely affect emissions from vehicles for which exemption is requested.

III. RECOMMENDATIONS

The staff recommends that Spearco be granted its request and that E.O. No. D-140-17 be issued.

IV. DISCUSSION

Spearco was issued an exemption for their liquid/air type intercooler kit, kit No. 99684, for installation on 1984-1986 Maserati Bi-Turbo vehicles powered by a 2.5 liter engine via E.O. No. D-140-13 on December 26, 1985.

Spearco has designed another intercooler kit (kit No. 99685), that uses an air/air type core block, for installation on the same vehicles as exempted under E.O. No D-140-13. Spearco requested that this newly designed intercooler kit be also exempted.

The staff has compared the design criteria of the two intercoolers. The designed charge-side efficiency of the air/air intercooler is similar to that of the exempted liquid/air intercooler.

Based on the above, the staff is of the opinion that Spearco intercooler kit No. 99685 will not adversely affect the exhaust emission on the 1984-1986 Maserati Bi-Turbo vehicles. No additional testing was required or performed to update this exemption.