State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-549-1

Relating to Exemptions Under Section 27156
of the California Vehicle Code

American Diesel & Gas, Inc.
Q-Shield

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 Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Q-Shield, manufactured by American Diesel & Gas, Inc., 4800 N. Federal Highway, Suite 301A, Boca Raton, Florida 33431, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for all 2006 model-year and older diesel and gasoline powered vehicles.

The Q-Shield consists of aluminized silicate fiber insulation to be applied to the air filter housing, intake tubing, exhaust manifold, turbocharger, and intercooler. An aluminized silicate fiber insulation with a metallic mesh base is used to wrap the turbocharger and exhaust manifold. No emission related components are modified or relocated in the installation of the Q-Shield.

This Executive Order is valid provided that the installation instructions for the Q-Shield 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 Q-Shield, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

This Executive Order shall not apply to any Q-Shield advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the Q-Shield using any identification other than that shown in this Executive Order or marketing of the Q-Shield for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Q-Shield may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is issued based on an engineering evaluation which shows that the Q-Shield would have no adverse impact on emissions or on the function of the emission control system components of the vehicles upon which it would be installed.

The ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq. Further, if test results or other evidence provides the ARB with reason to suspect that the Q-Shield will affect the durability of emission control systems, American Diesel & Gas, Inc., shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 Q-SHIELD.

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 is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 23rd day of October, 2006.

J. Lourenco
for Annette Hebert, Chief
Mobile Source Operations Division