

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-650

Relating to Exemptions under
Section 27156 of the Vehicle Code

Crank Case Recirculation System, Inc.
H.A.D. Recirculation System

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-02-003;

IT IS ORDERED AND RESOLVED: That installation of the H.A.D. Recirculation System, models A0000 and P0000, manufactured by Crank Case Recirculation System, Inc. of P.O. Box 1242, Helendale, California 92342, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems, and therefore, the H.A.D. Recirculation System is exempt from the prohibitions in Section 27156 of the Vehicle Code for installation on 1984-2005 model year Caterpillar, Detroit Diesel, Cummins, International and Mack heavy-duty diesel engines from 5.7 liters to 17.0 liters with an open crankcase ventilation system.

The H.A.D. Recirculation System consists of a metal (or plastic) canister, various hoses, check valves, and small air filter.

This Executive Order is based on engineering evaluation which determined that the H.A.D. Recirculation System when installed on 1984-2005 heavy-duty diesel engines with an open crankcase ventilation system, will not adversely affect the performance of emission control systems of affected engines. Crank Case Recirculation System, Inc. also provided reports showing that the H.A.D. Recirculation System installed on a 1997 Detroit Diesel 60 Series has not affected the durability of the turbocharger.

If evidence provides the Air Resources Board with reasons to suspect that the H.A.D. Recirculation System will affect the durability of the emission control system, Crank Case Recirculation System, Inc. shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified parts demonstrate adequate durability.

This Executive Order is valid provided that installation instructions for the H.A.D. Recirculation System do not recommend tuning the vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the H.A.D. Recirculation System, as exempt by the Air Resources Board, which adversely affect the performance of the vehicles' emission control system, shall invalidate this Executive Order.

Marketing of the H.A.D. Recirculation System using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the H.A.D. Recirculation System shall not be construed as exemption to sell, offer for sale, or advertise any component of the system as an individual device.

This Executive Order shall not apply to any H.A.D. Recirculation System advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order does not constitute any opinion as to the effect the use of the H.A.D. Recirculation System may have on any warranty either expressed or implied by the vehicle manufacturer.

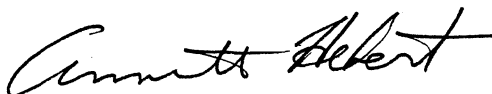
No claim of any kind, such as "Approved by the Air Resources Board," may be made with respect to the action taken herein in any advertising or other oral or written communication.

In addition to the foregoing, the Air Resources Board 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 California Code of Regulations, Title 13, Section 2222, et seq.

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 CRANK CASE RECIRCULATION SYSTEM, INC.'S H.A.D. RECIRCULATION SYSTEM.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a ten day written notice of intention to revoke the Executive Order, in which period the holder of the Executive 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 Executive Order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 15 day of October 2008.



Annette Hebert, Chief
Mobile Source Operations Division