

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-393-17

Relating to Exemptions under
Section 27156 of the Vehicle Code

Johnson Matthey
DCC Converter

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 DCC Converter, part numbers 19014L-DCC, 19017L-DCC, and 19019L-DCC, manufactured by Johnson Matthey of 380 Lapp Road, Malvern, Pennsylvania 19355, has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, the DCC Converter is exempt from the prohibitions in Section 27156 of the California Vehicle Code for installation on 1988 through 2006 model-year 4-stroke turbocharged or naturally-aspirated on-road heavy-duty diesel engines rated between 150 and 600 horsepower, certified to particulate matter emission standards of 0.60 g/bhp-hr or less and not otherwise equipped with an aftertreatment emission control system such as a catalytic converter or a diesel particulate filter.

This Executive Order is based on emission tests conducted by Johnson Matthey with the DCC Converter. Test data showed that the DCC Converter has no adverse impact on exhaust emissions.

This Executive Order is valid provided that installation instructions for the DCC Converter do not recommend tuning the engine to specifications different from those of the engine manufacturer.

Changes made to the design or operating conditions of the DCC Converter, as exempt by the Air Resources Board, which adversely affect the performance of the engine's pollution control system, shall invalidate this Executive Order.

Marketing of the DCC Converter 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.

This Executive Order shall not apply to any DCC Converter advertised, offered for sale, sold with, or installed on an engine 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 DCC Converter may have on any warranty either expressed or implied by the vehicle manufacturer.

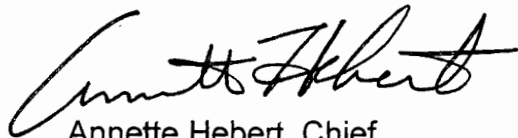
No claim of any kind, such as "Approved by the Air Resources Board," may be made with respect to the action taken herein in any advertising or other oral or written communication.

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 JOHNSON MATTHEY'S DCC CONVERTER.

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 a hearing that grounds for revocation exist.

Executed at El Monte, California, this 6 day of February 2012.

A handwritten signature in black ink, appearing to read "Annette Hebert", is written over a horizontal line.

Annette Hebert, Chief
Mobile Source Operations Division