



EXECUTIVE ORDER D-809

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Eastman Research, LLC
VCMT1000

Pursuant to the authority vested in the California Air Resources Board (CARB) by Section 27156 of the Vehicle Code (VC); 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-14-012;

IT IS ORDERED AND RESOLVED: That installation of the VCMT1000, produced and marketed by Eastman Research, LLC of 4236 Wookey Road, Chico, California 95973, 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 model-year 2005 to 2017 Honda/Acura passenger cars and light-duty trucks equipped with Variable Cylinder Management (VCM), excluding vehicles certified to Partial Zero Emission Vehicle (PZEV) standards.

The VCMT1000 is designed for Honda/Acura vehicles equipped with 3.5 liter V6 engines and the VCM operation option. The VCMT1000 is installed in line with the engine coolant temperature sensor. The VCMT1000 allows for adjustability and should be adjusted in accordance with Eastman Research, LLC's installation instructions. There are no other modifications to an otherwise stock engine.

This Executive Order is valid provided that installation instructions for the VCMT1000 will not recommend tuning the vehicle to specifications different from those of the original equipment manufacturer (OEM).

Changes made to the design or operating conditions of the VCMT1000, as exempt by CARB, 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 VCMT1000 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 VCMT1000 using any identification other than that shown in this Executive Order or marketing of the VCMT1000 for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from CARB.

This Executive Order does not constitute any opinion as to the effect the use of the VCMT1000 may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results, an examination of the On-Board Diagnostic II system, and an engineering evaluation of a 2017 Honda Pilot (HHNXV03.5VH3, LEV III ULEV125) modified with the VCMT1000. Therefore, the staff concludes that the VCMT1000 meets the criteria for exemption for the vehicles listed in this Executive Order.

CARB 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 CARB with reason to suspect that the VCMT1000 will affect the durability of emission control systems, Eastman Research, LLC 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 CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE VCMT1000.

No claim of any kind, such as "Approved by the California 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 12TH day of June 2018.



FOR Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division