

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-541-6

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Edge Products  
Evolution

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 Evolution, manufactured and marketed by Edge Products, 1080 South Depot Drive, Ogden, Utah 94404, 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 1996 to 2011 model year General Motors 4.8L, 5.3L, 6.0L, and 6.2L trucks and Ford 4.6L and 5.4L F-Series trucks.

The General Motors Evolution, part numbers 25060, 85350, and 85450 are a hand held programmer designed to reprogram the FLASH memory chip located in the vehicle's ECU module. The Evolution has four main stages of enhancement: transmission only, economy, towing, and Extreme. The Evolution is designed to download OEM calibration updates, non-emission related upgrades, and patches or fixes in the firmware. Evolution data files cannot be modified by the end user.

The Ford Evolution, part numbers 15050, 15051, 85350, and 85450 are hand held programmers designed to reprogram the FLASH memory chip located in the vehicle's ECU module. The Ford Evolution has three main stages of enhancement: transmission only, towing, and performance. The Ford Evolution is designed to download OEM calibration updates, non-emission related upgrades, and patches or fixes in the firmware. Ford Evolution data files cannot be modified by the end user.

This Executive Order is valid provided that the installation instructions for the Evolution 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 Evolution, 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 Evolution 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 Evolution using any identification other than that shown in this Executive Order or marketing of the Evolution 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 Evolution may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previously submitted emissions and OBD II test data that was generated in support of Executive Orders D-541-3 and D-541-4. The test vehicles were a 2008 model year 5.3L General Motors Yukon, certified to the Low Emission Vehicle II Ultra Low Emission Vehicle (LEV II ULEV) emission standards, with a measured 27 horsepower gain, and a 2007 model year 5.4L Ford F-150, certified to LEV II ULEV emission standards, with a measured 22 horsepower gain.

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 EVOLUTION.

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 30<sup>th</sup> day of August 2010.

  
Annette Hebert, Chief  
Mobile Source Operations Division