



EXECUTIVE ORDER D-849-3

Relating to Exemptions Under Section 27156 of the California Vehicle Code

Z1 Motorsports Z1 Engine Calibration

Pursuant to the authority vested in the California Air Resources Board (CARB) 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-19-095;

IT IS ORDERED AND RESOLVED: That installation of the Z1 Engine Calibration, manufactured and marketed by Z1 Motorsports of 2877 Carrollton-Villa Rica Highway, Carrollton, Georgia 30116, 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 California Vehicle Code for the following vehicles.

<u>Part Number</u>	<u>Model Years</u>	<u>Make</u>	<u>Model*</u>	<u>Engine*</u>
50512	2020-2024	Nissan	Frontier	3.8L NA

*Includes all sub-models; NA=naturally-aspirated

The Z1 Engine Calibration consists of an electronic control unit (ECU) calibration that is designed to increase vehicle performance. The Z1 Engine Calibration has three user-selectable settings: 93/91 Octane, 87 Octane, and 87 Octane (tow). A supplied OBD II connector is used to reprogram the ECU via a mobile phone application. There are no end-user modifications to the ECU calibration, no other adjustable parameters, and no other major engine modifications.

This Executive Order is valid provided that the installation instructions for the Z1 Engine Calibration will not recommend tuning the vehicle to specifications different from those originally provided by Z1 Motorsports.

Changes made to the design or operating conditions of the Z1 Engine Calibration, as exempted by the California Air Resources Board, that adversely affect the performance of the vehicle's emission control system, shall invalidate this Executive Order.

This Executive Order shall not apply to any Z1 Engine Calibration 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 Z1 Engine Calibration using any identification other than that shown in this Executive Order or marketing of the Z1 Engine Calibration for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Z1 Engine Calibration may have on any warranty, either expressed or implied by the vehicle manufacturer; or compliance with any other state, federal, or local law, such as safety equipment requirements or noise limitations.

Exemption of the Z1 Engine Calibration shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order is granted based on information supplied by Z1 Motorsports, including emissions test data, and an engineering evaluation of all vehicles included in this Executive Order.


The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to ensure 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 California Air Resources Board with reason to suspect that the Z1 Engine Calibration will affect the durability of emission control systems, Z1 Motorsports shall be required to submit durability data to show that the durability of vehicle emission control systems is 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 Z1 ENGINE CALIBRATION.

No claim of any kind, such as "Approved by the CARB," 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 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 on this 25th day of June 2024.


Robin U. Lang, Chief
Emissions Certification and Compliance Division