

State of California
CALIFORNIA AIR RESOURCES BOARD

EXECUTIVE ORDER D-126-45

Relating to Exemptions Under Section 27156
of the California Vehicle Code

General Motors, LLC
LS3 Power Upgrade Kit, Part Nos. 19300535 and 19301990

Pursuant to the authority vested in the California 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-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the LS3 Power Upgrade Kit, manufactured and marketed by General Motors, LLC, 30003 Van Dyke Avenue, Warren, Michigan 48090, 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 2010 to 2015 model year 6.2L Chevrolet Camaros the with LS3 engine and 2014 to 2017 model year 6.2L Chevrolet SS with the LS3 engine.

The LS3 Power Upgrade Kit, consists of a set of new ported cylinder heads, part no. 88958758, an LS7 camshaft, part no. 12638426, and a new calibration to be flashed into the customer's ECM by a General Motors dealer (calibration part no. is 126612xx for 2010 to 2014 model year vehicles and 1266664xx for 2015 to 2017 model year vehicles. Kits contain the same basic components except for kit no. 19301990 which contains additional part of ease of installation, i.e. camshaft sprocket, bolts, and gaskets.

This Executive Order is valid provided that the installation instructions for the LS3 Power Upgrade Kit will not recommend tuning the vehicle to specifications different from those of the kit manufacturer.

Changes made to the design or operating conditions of the LS3 Power Upgrade Kit, as exempt by the California 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 LS3 Power Upgrade Kit 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 LS3 Power Upgrade Kit using any identification other than that shown in this Executive Order or marketing of the LS3 Power Upgrade Kit 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 LS3 Power Upgrade Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emissions test data generated on one test vehicle modified with the LS3 Power Upgrade Kit. Test results showed that emission levels, with the LS3 Power Upgrade Kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP) test cycles. Examination of the OBD II system showed that the LS3 Power Upgrade Kit did not affect OBD II system operation. Results from emissions testing conducted at the General Motor Proving Ground located in Milford, Michigan, are shown below, in grams per mile.

2015 model year 6.2L Camaro

	CVS-75 FTP				SFTP US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards, UL	0.070	2.1	0.04	0.011	0.14	8.0
Device*	0.048	0.9	0.02	0.000	0.11	1.4

* 120K aged components on test vehicle

Test results showed that the LS3 Power Upgrade Kit installed on the vehicle did not cause exhaust emissions to exceed the applicable emission standards during the FTP and SFTP. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The LS3 Power Upgrade Kit when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

The California 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 Title 13, California Code of Regulations, Section 2222, et seq.

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 LS3 POWER UPGRADE KIT.

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 22 day of November 2017.



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