

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-771

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Mallett Performace Cars
3.6L Supercharger Kit, MPC-01-SC1001A.15-17

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-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the 3.6L Supercharger Kit, manufactured and marketed by Mallett Performace Cars, 11148 Treynorth, Suite C, Cornelius, North Carolina 28031, 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 the following General Motors Vehicles equipped with a 3.6L engine:

Vehicle

2015 and 2016 model year (Colorado and Canyon) (all)

2014 and 2015 model year (Enclave, Traverse, Acadia) (all)

The 3.6L Supercharger Kit consists of following main components: Magnuson 1900 TVS supercharger with a 4.5" diameter pulley, 7.38" crankshaft pulley, intake manifold, bypass valve, intercooler, intake tubing from air box to throttlebody, MAP sensor (in stock location and orientation), intake air temperature sensor (in stock location and orientation), new air filter box with conical filter (vehicles not equipped with HCT), and a reflashed ECM. The stock throttle body, fuel injectors, and radiator thermostat are retained. The tuner's emission-related data files cannot be modified by the end user. All supplied fuel hoses are Avon's CADbar 9000 series, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose. Maximum boost is 8 psi.

This Executive Order is valid provided that the installation instructions for the 3.6L Supercharger Kit will not recommend tuning the vehicle to specifications different from those of Mallett Performace Cars.

Changes made to the design or operating conditions of the 3.6L Supercharger Kit, 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 exemption is issued based on submitted emissions test data, from the SEMA Garage, Diamond Bar, California, on a 2015 model year Chevrolet Colorado, certified to the LEV II ULEV emission standards and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP US06/SC03 (AC2 test + 20%)) test cycle.

	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards, UL	0.070	2.1	0.040	0.011
Device Test (w/ df applied, 2 test avg)	0.033	0.6	0.035	0.001
	US06/SC03			
	NMHC+NOx		CO	
Standards 4k	0.25/0.27		10.5/3.5	
Device	0.09/0.03		9.9/0.2	

Test results showed that the 3.6L Supercharger Kit when 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 3.6L Supercharger Kit when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

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 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 AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE 3.6L SUPERCHARGER KIT.

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 25 day of May 2016.



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