State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-126-36

Relating to Exemptions under
Section 27156 of the California Vehicle Code

General Motors Service Parts Operations
LHU Turbocharged ECOTEC Upgrade Kit

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 Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the LHU Turbocharged ECOTEC Upgrade Kit, manufactured and marketed by General Motors Service Parts Operations, 6200 Grand Pointe Drive, Grand Blanc, Michigan 48439, 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 vehicles listed in Attachment A.

The LHU Turbocharged ECOTEC Upgrade Kit includes an engine control module (ECM) calibration update, an air induction system to replace the stock airbox assembly, and installation hardware.

This Executive Order is valid provided that the installation instructions for the LHU Turbocharged ECOTEC Upgrade Kit will not recommend tuning the vehicle to specifications different from those submitted by the vehicle manufacturer.

Changes made to the design or operating conditions of the LHU Turbocharged ECOTEC Upgrade 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.

If evidence provides the Air Resources Board with reasons to suspect that the LHU Turbocharged ECOTEC Upgrade Kit will affect the durability of the emission control system, General Motors Service Parts Operations shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified parts demonstrate adequate durability.

Marketing of the LHU Turbocharged ECOTEC Upgrade Kit using any identification other than that shown in this Executive Order or marketing of the LHU Turbocharged ECOTEC Upgrade Kit 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 LHU Turbocharged ECOTEC Upgrade Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on prior submitted emissions test data generated on a 2012 model-year 2.0L turbocharged Buick Regal GS (test group CGMXV02.0021), certified to the Ultra Low Emission Vehicle (ULEV) emission standards with the LHU Turbocharged ECOTEC Upgrade Kit installed. Testing consisted of a Cold-Start CVS-75 Federal Test Procedure (FTP) and the Supplemental Federal Test Procedure (SFTP US06) test cycle. Results are in grams per mile with assigned deterioration factors added to the CVS-75 FTP results. Emission levels of the modified vehicle met the applicable emission standards.

	CVS-75 FTP				US06	
	NMOG	CO	NOx	HCHO	NMHC+NOX	CO
ULEV Standards	0.070	2.1	0.04	N/A	0.14	8.0
w/Device	0.037	0.5	0.02	N/A	0.03	0.3

This Executive Order is also based on an On-Board Diagnostic II (OBD II) test. Test data showed that the LHU Turbocharged ECOTEC Upgrade Kit did not affect the ability to perform OBD II monitoring.

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.

In addition to the foregoing, 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 California Code of Regulations, Title 13, 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 GENERAL MOTORS SERVICE PARTS OPERATIONS LHU TURBOCHARGED ECOTEC UPGRADE KIT.

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 a hearing that grounds for revocation exist.

Executed at El Monte, California, this 13th day of December 2013.

Erik White, Chief
Mobile Source Operations Division

GENERAL MOTORS SERVICE PARTS OPERATIONS
LHU TURBOCHARGED ECOTEC UPGRADE KIT – D-126-36

Attachment A

General Motors Service Parts Operations LHU Turbocharged ECOTEC Upgrade Kit				
Model Year	Vehicle Model	Engine (L)	Hardware P/N	Calibration P/N
2012	Buick Regal GS, automatic transmission	2.0	12653664	12656534
2012	Buick Regal GS, manual transmission	2.0	12653664	12656532
2012	Buick Regal Turbo, automatic transmission	2.0	12653664	12662727
2012	Buick Regal Turbo, manual transmission	2.0	12653664	12662726
2013	Buick Regal GS, automatic transmission	2.0	12653664	12661229
2013	Buick Regal GS, manual transmission	2.0	12653664	12661228
2013	Buick Regal Turbo, automatic transmission	2.0	12653664	12661231
2013	Buick Regal Turbo, manual transmission	2.0	12653664	12661230