



## EXECUTIVE ORDER D-126-48

### Relating to Exemptions Under Section 27156 of the California Vehicle Code

#### General Motors LLC Performance Air Intake Kit

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 Performance Air Intake Kits, manufactured and marketed by General Motors LLC, 3300 General Motors Road, Milford, Michigan 48380, 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 vehicle applications:

<u>Part No.</u>	<u>Vehicle Application</u>
84561597	2019 5.3L Silverado/Sierra/Yukon/Tahoe/Suburban
84561598	2019 6.2L Silverado/Sierra/Yukon/Tahoe/Suburban

The Air Induction Kit includes the following main components: New closed element air box with see through lid, conical air filter, intake tubing, and a new MAF tube with HCT heat staked inside (stock MAF sensor element is re-installed in the new MAF tube in a stock location and orientation). ECU is upgraded with a new MAF calibration only, there are no user adjustments. No other changes are required for proper installation.

**Installation of the Air Intake System requires the removal of the stock air filter housing. If the stock air filter housing contains the vehicle's tune-up & emissions control decal, a replacement decal must be placed in a similar location.**

This Executive Order is valid provided that the installation instructions for the Performance Air Intake Kits will not recommend tuning the vehicle to specifications different from those of General Motors LLC.

Changes made to the design or operating conditions of the Performance Air Intake Kits, 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.

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 is granted based on **prior** submitted emissions test data generated on three test vehicles modified with the Performance Air Intake Kits. Test results showed that emission levels, with the Performance Air Intake Kits 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 US06) test cycle, and 2 Day Diurnal. Examination of the OBD II system showed that the Performance Air Intake Kits 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, with **assigned** deterioration factors (df) applied to modified test results.

### 2017 model year Silverado

Useful Life FTP Emission Level (w/ df applied)	NMOG+NOx 0.060	CO 0.6	HCHO 0.002	PM 0.001
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Standards	0.125	2.1	0.004	0.003
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Useful Life SFTP Emission Level (Composite w/ df)	NMOG+NOx 0.050	CO 0.2
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Standards	0.120 (BIN)	4.2
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#### 2-Day Diurnal + Hot Soak

	HC
Standard	0.50
Device w/df	0.47

### 2017 model year Colorado

Useful Life FTP Emission Level (w/ df applied)	NMOG+NOx 0.056	CO 0.6	HCHO 0.004	PM 0.003
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Standards	0.070	1.7	0.004	0.003
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Useful Life SFTP Emission Level (Composite w/ df)	NMOG+NOx 0.050	CO 0.2
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Standards	0.080 (BIN)	4.2
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#### 2-Day Diurnal + Hot Soak

	HC
Standard	0.40 (LEV 3 Option 2)
Device w/df	0.18

**2018 model year Cruze**

Useful Life FTP Emission Level (w/ df applied)	NMOG+NOx 0.049	CO 0.6	HCHO 0.000	PM 0.00
Standards	0.050	1.7	0.004	0.01
Useful Life SFTP Emission Level (Composite w/ df)	NMOG+NOx 0.069	CO 0.9		
Standards	0.070 (BIN)	4.2		

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 PERFORMANCE AIR INTAKE KIT.

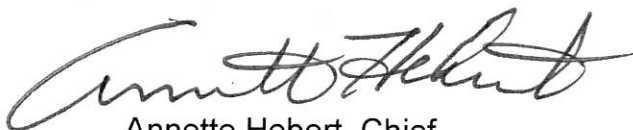
Marketing of the Performance Air Intake Kits using any identification other than that shown in this Executive Order or marketing of the Performance Air Intake Kits for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

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.

This Executive Order shall not apply to any Performance Air Intake Kit advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

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 2 day of July 2018.



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

