

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-550-18

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Advanced Flow Engineering, Inc.  
Air Intake Systems

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 Air Intake Systems , manufactured and marketed by Advanced Flow Engineering, Inc., 252 Granite Street Corona, California 92879, 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 General Motors vehicles equipped with a 2.8L to 6.6L diesel engine, as listed in Exhibit A.

The Air Intake Systems consists of the following main components: Open or closed element air filter, air intake tubing from throttle body to filter, and all necessary mounting hardware for proper installation. **Installation of the Air Intake System requires the removal of the stock air filter housing and all intake air tubing. 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 Air Intake Systems will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Air Intake Systems, 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 Automotive Testing and Development Services, Inc. located in Ontario, California on a 2016 model year Chevrolet Silverado 2500 6.6L certified to the LEV II ULEV emission standards and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle.

	CVS-75 FTP				
	NMHC	CO	NO <sub>x</sub>	HCHO	PM
Standards, 120K	0.143	6.4	0.2	0.016	0.06
Device	0.075	0.6	0.2	0.001	0.03

Test results showed that the Air Intake Systems did not cause exhaust emissions to exceed the applicable emission standards during the FTP. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The Air Intake Systems when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring. Similar results would be expected from the other kits listed.

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 AIR INTAKE SYSTEMS.

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

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 24<sup>th</sup> day of August 2017.

  
Annette Hebert, Chief

for Emissions Compliance, Automotive Regulations and Science Division

Exhibit A

PN	Year	Vehicle	Engine
51-12832 51-12832-E 54-12832 75-12832 51-74007 51-74007-E 54-74007 75-74007	2016-17	Chevrolet Colorado, GMC Canyon	2.8L
51-12322-1 54-12322-1 75-12322-1 51-32322 54-32322 75-32322 51-82322 50-74006 50-74006-1 51-74006 51-74006-1 51-74006-E 54-74006 75-74006 51-82322-E 75-82322 54-81332 75-81332-OV	2011-16	Chevrolet Silverado HD, GMC Sierra HD	6.6L
51-11922 54-11922 75-11922 75-11922-OV 50-74005 51-74005 54-74005 75-74005 51-80882-E	2011-12	Chevrolet Silverado HD, GMC Sierra HD	6.6L
51-12782 51-12782-E 54-12782 75-12782 50-74004 51-74004 51-74004-E 54-74004 75-74004 51-81332-E	2007-10	Chevrolet Silverado HD, GMC Sierra HD	6.6L
51-11332 75-11332 75-11332-OV	2010	Chevrolet Silverado HD, GMC Sierra HD	6.6L
75-81332 75-81332-OV	2007-09	Chevrolet Silverado HD, GMC Sierra HD	6.6L
50-74003 51-74003 51-74003-E 54-74003 75-74003 51-81332-E	2006-07	Chevrolet Silverado HD, GMC Sierra HD	6.6L
50-74002 51-74002 51-74002-E 54-74002 75-74002 51-80612-E	2004.5-05	Chevrolet Silverado HD, GMC Sierra HD	6.6L
50-74001 51-74001 51-74001-E 54-74001	2004	Chevrolet Silverado HD, GMC Sierra HD	6.6L
75-74001 51-80782-E	2001-03	Chevrolet Silverado HD, GMC Sierra HD	6.6L
51-10732-E	1992-00	Chevrolet Silverado, GMC Sierra	6.5L

