

December 27, 2017

Reference No. A-2017-410

Mr. Stuart Miyagishima
Advanced Flow Engineering
252 Granite Street
Corona, California 92879

Dear Mr. Miyagishima:

This is in response to your request to obtain an exemption on behalf of Advanced Flow Engineering from Section 27156 of the California Vehicle Code for the Magnum Force Intake Systems.

Enclosed please find Executive Order No. D-550-30, permitting advertisement, sales, and installation in California of the Magnum Force Intake Systems manufactured by Advanced Flow Engineering for those VW, Audi and Fiat vehicles listed in the enclosed Executive Order. Please note the Executive Order number which must be printed on the identification label and affixed on or near the device.

No changes are permitted to the device as described in your application. Any changes to the device, applicable model-years, etc., must be evaluated and approved by the California Air Resources Board.

No claim of any kind, such as "Approved by the California Air Resources Board" or "reduces emissions", may be made with respect to the action taken herein in any advertising or other oral or written communication.

If you have any questions, please contact Mr. Tony Martino, Manager, at (626) 575-6848, or at tony.martino@arb.ca.gov.

Sincerely,



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

Enclosure

cc: See next page

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cc: Tony Martino, Manager
Aftermarket Parts Section
Emissions Compliance, Automotive Regulations and Science Division



EXECUTIVE ORDER D-550-30

Relating to Exemptions Under Section 27156 of the California Vehicle Code

Advanced Flow Engineering Magnum Force Intake Systems

Pursuant to the authority vested in the California Air Resources Board (CARB) 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 Magnum Force Intake Systems, produced and marketed by Advanced Flow Engineering of 252 Granite Street, Corona, California 92879, have been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, are exempt from the prohibitions of Section 27156 of the Vehicle Code for the Audi, VW, and Fiat vehicles listed in the attached Exhibit A.

The Magnum Force Intake Systems include the following main components: reusable air filter, intake system tubing, hoses, assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Magnum Force 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 Magnum Force Intake Systems, 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 Advanced Flow Engineering 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 Magnum Force Intake Systems using any identification other than that shown in this Executive Order or marketing of the Magnum Force Intake Systems 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 Magnum Force Intake Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (US06 & SFTP), and an examination of the On-Board Diagnostic II (OBD II) systems. Two test vehicles were selected. A 2013 VW GTI equipped with a 2.0L turbocharged engine (DADXV02.03UA, LEV2 ULEV) and a 2015 Fiat 500 equipped with a 1.4 liter engine (FCRXV01.45P1, LEV3 ULEV125) were used for the evaluation of the Advanced Flow Engineering Intake Systems. Results from emissions testing conducted at the SEMA Garage Emissions Compliance Center are shown below (in grams per mile):

VW SFTP US06		NMHC + NOx	CO
Emission Level		0.0043	0.343
STD		0.14	8.0
Fiat Composite SFTP		NMOG + NOx	CO
Baseline		0.0607	0.672
Modified		0.0566	0.471

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Magnum Force Intake Systems do not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Magnum Force Intake Systems meet the criteria for exempting general criteria parts.

The CARB 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. Further, if test results or other evidence provides the CARB with reason to suspect that the Magnum Force Intake Systems will affect the durability of emission control systems, Advanced Flow Engineering shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

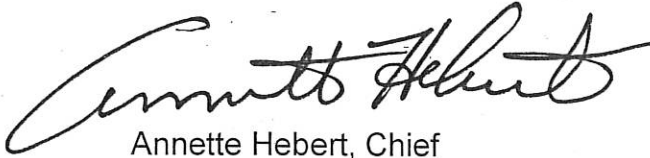
THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE ADVANCED FLOW ENGINEERING MAGNUM FORCE INTAKE SYSTEMS.

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 27 day of December 2017.

A handwritten signature in black ink, appearing to read "Annette Hebert". The signature is fluid and cursive, with the first name "Annette" written in a larger, more prominent script than the last name "Hebert".

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

Exhibit A

Part Number 1	Part Number 2	Model-Year	Make	Model	Engine	COMMENTS
54-11722	51-11722	2006-2008	AUDI	A4	2.0L Turbo	
54-10322	51-10322	2002-2005	AUDI	A4	1.8L Turbo	
54-76402	51-76402	2009-2015	AUDI	A4	2.0L Turbo	
54-76403	51-76403	2015-2016	AUDI	S3	2.0L Turbo	
54-12672	51-12672	2015	VW	Golf	2.0L Turbo	Excluding 2015 LEV2 SULEV test group FVGAV02.0APA.
54-12672	51-12672	2015-2016	AUDI	A3/S3	1.8T, 2.0T	Excluding 2015 & 2016 LEV2 SULEV test groups FVGAV02.0APA & GVGAV02.0APA.
54-12432	51-12432	2009	VW	JETTA/RABBIT	2.5L	Excluding LEV2 SULEV 2009 test group 9VWXV02.5257.
54-12442	51-12442	2006	VW	GOLF/JETTA	2.5L	
54-12442	51-12442	2007-2008	VW	JETTA/RABBIT	2.5L	
54-11892	51-11892	2009-2013	VW	GTI	2.0L Turbo	Excluding 2009-13 LEV2 SULEV test groups 9ADXV02.03PA, AADXV02.03PA, BADXV02.03PA, CADXV02.03PA, DADXV02.03PA.
54-11892	51-11892	2005	VW	Jetta	2.0L	Excluding 2005 LEV2 SULEV test group 5VWXV02.0227.
54-11112	51-11112	2006-2008	VW	Jetta/GTI	2.0L Turbo	
54-11772	51-11772	2008	VW	R32	3.2L	
54-12492	51-12492	2009	VW	JETTA	2.5L	
54-12512	51-12512	2012-2015	FIAT	500	1.4L	

