



EXECUTIVE ORDER D-550-50

Relating to Exemptions Under Section 27156 of the California Vehicle Code

Advanced Flow Engineering

Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System

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-19-095;

IT IS ORDERED AND RESOLVED: That the installation of the Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System, 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 Chrysler vehicles listed in the attached Exhibit A.

The Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System include the following main components: reusable air filter, intake system tubing, assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System will not recommend tuning vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System, 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 Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System 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 Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System using any identification other than that shown in this Executive Order or marketing of the Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System for applications 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 Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System 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 Federal Test Procedure (FTP), Supplemental Federal Test Procedure (SFTP), and an examination of the On-Board Diagnostic II (OBD II) system. A 2020 Jeep Grand Cherokee equipped with a 3.6 liter naturally aspirated gasoline engine (test group LCRXT03.65P5, LEV III SULEV30) was used for the evaluation of the Advanced Flow Engineering intake systems. Results from emissions testing conducted at SEMA Emissions Compliance Center of Diamond Bar, California, (in grams per mile with deterioration factors applied):

	NMOG+NOx	CVS-75		US06	SFTP Composite	
		CO	PM	PM	NMOG+NOx	CO
Device	0.021	0.6	0.001	0.0008	0.025	1.2
Standards	0.030	1.0	0.003	0.006	0.040 (BIN)	4.2

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Advanced Flow Engineering intake system did not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System meet the criteria for exempting general criteria parts.

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. Further, if test results or other evidence provides the California Air Resources Board with reason to suspect that the Momentum ST Cold Air Intake System, Magnum FORCE Stage-2 Cold Air Intake System, Magnum FORCE Stage-2 XP Cold Air Intake System, Momentum GT Cold Air Intake System, and Quantum Cold Air Intake System 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 MOMENTUM ST COLD AIR INTAKE SYSTEM, MAGNUM FORCE STAGE-2 COLD AIR INTAKE SYSTEM, MAGNUM FORCE STAGE-2 XP COLD AIR INTAKE SYSTEM, MOMENTUM GT COLD AIR INTAKE SYSTEM, AND QUANTUM COLD AIR INTAKE SYSTEM.

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 this 19th day of November 2021.



Allen Lyons, Chief
Emissions Certification and Compliance Division

Part #	Model Year	Make	Model	Engine Displ.	Exclusions
54-12152-B, 51-12152-B	2011-2020	DODGE	CHALLENGER	3.6L NA	exclude 2020 LCRXV03.65P3
54-72201, 51-72201	2011-2014	CHRYSLER	300	3.6L NA	
54-72201, 51-72201	2011-2019	DODGE	CHALLENGER	3.6L NA	exclude 2020 LCRXV03.65P3
54-12152-B, 51-12152-B	2015-2020	CHRYSLER	300	3.6L NA	exclude 2020 LCRXV03.65P3
54-12152-B, 51-12152-B	2011-2020	DODGE	CHARGER	3.6L NA	exclude 2020 LCRXV03.65P3
54-72201, 51-72201	2011-2019	DODGE	CHARGER	3.6L NA	exclude 2020 LCRXV03.65P3
54-12092-1, 51-12092-1, 75-12092-1	2012-2018	JEEP	WRANGLER	3.6L NA	
54-12099, 51-12099	2012-2018	JEEP	WRANGLER	3.6L NA	
54-12462, 51-12462	2014-2018	JEEP	CHEROKEE	3.2L NA	
54-46215, 51-46215, 75-46215	2014-2018	JEEP	CHEROKEE	3.2L NA	
54-76204, 51-76204, 75-76204	2012-2018	JEEP	WRANGLER	3.6L NA	
54-76212, 51-76212, 75-76212	2012-2018	JEEP	WRANGLER	3.6L NA	
54-46216, 51-46216, 75-46216	2014-2018	JEEP	CHEROKEE	2.4L NA	exclude 2015- 2018 LEV3 SULEV30 FCRXJ02.4CP0 GCRXJ02.4CP0 HCRXJ02.4CP0 JCRXT02.45P1
54-13035D, 54-13035R	2016-2020	DODGE	DURANGO	3.6L NA	
54-13035D, 54-13035R	2016-2020	JEEP	GRAND CHEROKEE	3.6L NA	
54-76214, 51-76214	2016-2020	DODGE	DURANGO	3.6L NA	
54-76214, 51-76214	2016-2020	JEEP	GRAND CHEROKEE	3.6L NA	
54-46209, 51-46209, 75-46209	1991-2001	JEEP	CHEROKEE	4.0L NA	
53-10017D, 53-10017R	2018-2020	JEEP	WRANGLER	3.6L NA	

54-13002-B, 51-13002-B, 75-13002-B, 52-13002-B, 54-13002-H, 51-13002-H, 75-13002-H	2018-2020	JEEP	WRANGLER	3.6L NA	
54-76217, 51-76217, 75-76217	2018-2020	JEEP	WRANGLER	3.6L NA	
53-10017D, 53-10017R	2020	JEEP	GLADIATOR PICKUP	3.6L NA	
54-13002-B, 51-13002-B, 75-13002-B, 52-13002-B, 54-13002-H, 51-13002-H, 75-13002-H	2020	JEEP	GLADIATOR PICKUP	3.6L NA	
54-76217, 51-76217, 75-76217	2020	JEEP	GLADIATOR PICKUP	3.6L NA	