CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-550-55

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Advanced Flow Engineering, Inc.
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 installation of the Cold Air Intake System, 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 2020 to 2022 model year Dodge vehicles listed in the Exhibit A.

The Cold Air Intake System replaces the stock air filter, housing, tubing, and consists of the following main components: air filter, air intake tubing, air filter housing, and all the necessary mounting hardware for proper installation. No other major modifications or engine tuning is required.

This Executive Order is valid provided that the installation instructions for the Cold Air Intake System 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 Cold Air Intake System, as exempted by the California Air Resources Board, that adversely affect the performance of the vehicle's emission control system shall invalidate this Executive Order.

This Executive Order shall not apply to any 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 Cold Air Intake System using any identification other than those shown in this Executive Order or marketing of the Cold Air Intake System 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 Cold Air Intake System may have on any warranty, either expressed or implied by the vehicle manufacturer; or compliance with any other state, federal, or local law, such as safety equipment requirements or noise limitations.

Exemption of the Cold Air Intake System shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order is granted based on the submitted emission test data generated on a 2022 model year Dodge Charger Widebody 6.2L SC (NCRXV06.2CP1, LEV3 LEV160, PC) modified with the Cold Air Intake System. Test results showed that the emission levels were below the emission standards when tested using Supplemental Federal Test Procedures (US06) test cycle. Results from emission testing conducted at the Specialty Equipment Market Association of Diamond Bar, California, are shown below, in grams per mile, with deterioration factors (df) applied.

	SFTP Composite		US06
	NMOG+NOx	CO	PM
Standards	0.070	4.2	0.006
Device	0.060	2.7	0.002

Examination of the OBD II system showed the Cold Air Intake System does not affect OBD II system operation.

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 Cold Air Intake System will affect the durability of emission control systems, Advanced Flow Engineering, Inc. 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 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 on this 9th day of June 2023.

Robin U. Lang

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Exhibit A

Part Numbers	Model Years	Make	Model	Engine Displacement
50-72205D, 50-72205R	2020-2022	Dodge	Charger SRT Widebody	6.2L SC
54-12852D, 54-12852R	2020-2022	Dodge	Charger SRT Widebody	6.2L SC
57-10001D, 57-10001R	2020-2022	Dodge	Challenger SRT, Challenger SRT Widebody	6.2L SC