



## EXECUTIVE ORDER D-161-132

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Gale Banks Engineering

Banks Ram-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 Banks Ram-Air Intake System, manufactured and marketed by Gale Banks Engineering, 546 Duggan Avenue, Azusa, California 91702, 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 2011 to 2019 model-year Ford F-150/250/350 trucks equipped with a 6.7L diesel engine.

PN	Model Year
41890, 41890-D	2017-2019
42215, 42215-D	2011-2016

The Banks Ram-Air Intake System includes the following main components: conical air filter, new air filter enclosure (box and lid) with integrated opening to mount stock mass airflow sensor (stock location, orientation, and design), and assorted brackets and hardware. Installation of the Ram-Air Intake System requires the removal of the stock air filter housing, stock air intake tubing is retained, 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 Banks Ram-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 Banks Ram-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.

Marketing of the Banks Ram-Air Intake System using any identification other than those shown in this Executive Order or marketing of the Banks Ram-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.

Exemption of the Banks Ram-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 shall not apply to any Banks Ram-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.

This exemption is issued based on submitted emissions test data, from the SEMA Garage, Diamond Bar, California, on a 2019 model year Ford F-250 6.7L (KFMXD06.761B, LEV II ULEV) modified with the Banks Ram-Air Intake System. Test results showed that emission levels were at or below the emission standards when tested using Cold-Start CVS-75 Federal Test Procedure (FTP) and below the baseline emission levels for the Supplemental Federal Test Procedure (US06 and SC03). Results are shown below, in grams per mile, with deterioration factors (df) applied to FTP results.

	CVS-75 FTP				
	NMOG	CO	NOx	HCHO	PM
Standards, UL	0.143	6.4	0.2	0.016	0.06
Device Test (2 test average) w/df	0.060	0.2	0.2	0.002	0.01

	US06/SC03 SFTP	
	NMHC+NOx	CO
Baseline	0.966/0.394	0.0/0.6
Device Test (2 test average) w/df	0.332/0.228	0.0/0.0

Examination of the OBD II system showed the engine modified with the Banks Ram-Air Intake System did 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.

This Executive Order does not constitute any opinion as to the effect the use of the Banks Ram-Air Intake System may have on any warranty either expressed or implied by the vehicle manufacturer.

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 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 BANKS RAM-AIR INTAKE SYSTEM.**



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 25<sup>TH</sup> day of June 2020.



Allen Lyons, Chief

Emissions Certification and Compliance Division