



EXECUTIVE ORDER D-161-137

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Gale Banks Engineering

Banks Techni-Cooler Intercooler 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 Techni-Cooler Intercooler 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 2007 to 2019 model-year Ram pickups/trucks equipped with a 6.7L diesel engine.

<u>Part Number</u>	<u>Application Model-Year</u>
25983	2007 and 2008
25985	2009
25986	2010 to 2012
25987	2013 to 2019

The Banks Techni-Cooler Intercooler system is a direct fit intercooler with connecting tubes. Installation consists of the removal of the existing intercooler and connecting tubes and replacing it with the Gale Banks Engineering's Techni-Cooler and connecting tubes. No changes are made to any other component of the stock engine, including engine calibration or boost pressure.

This Executive Order is valid provided that the installation instructions for the Banks Techni-Cooler Intercooler 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 Techni-Cooler Intercooler 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 Techni-Cooler Intercooler System using any identification other than those shown in this Executive Order or marketing of the Banks Techni-Cooler Intercooler 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 Techni-Cooler Intercooler 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 Techni-Cooler Intercooler 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 2018 model-year Ram 2500 6.7L (JCEXD06.78VV, LEV III ULEV 250) modified with the Banks Techni-Cooler Intercooler System. Test results showed that emission levels were below the emission standards when tested using Cold-Start CVS-75 Federal Test Procedure (FTP). Results are shown below, in grams per mile, with deterioration factors (df) applied.

	CVS-75 FTP			
	NMHC+NOx	CO	HCHO	PM
Standards, UL	0.250	6.4	0.006	0.06
Device Test (2 test average) w/df	0.184	0.1	0.000	0.00

Examination of the OBD II system showed the engine modified with the Banks Techni-Cooler Intercooler 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 Techni-Cooler Intercooler 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 TECHNI-COOLER INTERCOOLER 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 25th day of June 2020.



Allen Lyons, Chief
Emissions Certification and Compliance Division