CALIFORNIA
AIR RESOURCES BOARD

# EXECUTIVE ORDER D-269-108

Relating to Exemptions Under Section 27156
of the California Vehicle Code

K&N Engineering
Throttle Control Module

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 Throttle Control Module, produced and marketed by K&N Engineering of 1455 Citrus Avenue, Riverside, California 92507, 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 the GM vehicles listed in the attached Exhibit A.

The Throttle Control Module includes the following main components: wiring harness, module, and tethered sensitivity knob.

This Executive Order is valid provided that the installation instructions for the Throttle Control Module will not recommend tuning vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Throttle Control Module, 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 Throttle Control Module 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 Throttle Control Module using any identification other than that shown in this Executive Order or marketing of the Throttle Control Module 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 Throttle Control Module 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.

This Executive Order is granted based on emission test results in the modified configuration, at maximum increase, using the Federal Test Procedure (FTP), Supplemental Federal Test Procedure (SFTP), and an examination of the On-Board Diagnostic II (OBD II) system. A 2021 GMC Sierra 4WD equipped with a 2.7 liter turbocharged gasoline engine (test group MGMXT02.7100, LEV III ULEV50) was used for the evaluation of the K&N Throttle Control Module. Results from emissions testing conducted at Automotive Testing and Development Services, Inc., of Ontario, California, are shown below (in grams per mile with deterioration factors applied):

| | FTP | | | | US06 | SFTP Composite | |
|---|---|---|---|---|---|---|---|
| | NMOG+NOx | CO | HCHO | PM | PM | NMOG+NOx | CO |
| Device | 0.043 | 0.66 | 0.0005 | 0.00125 | 0.00115 | 0.035 | 2.84 |
| Standards | 0.050 | 1.7 | 0.004 | 0.003 | 0.006 | 0.070 | 4.2 |

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the K&N Throttle Control Module did not affect OBD II operation. Therefore, based on the test results, the staff concludes that the K&N Throttle Control Module 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 Throttle Control Module will affect the durability of emission control systems, K&N 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 K&N ENGINEERING THROTTLE CONTROL MODULE.

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 23rd day of June 2022.

Michael J. Ragsfa

Allen Lyons, Chief
Emissions Certification and Compliance Division

| Part Number | Model-Years | Make(s) | Model(s) | Engine Type | Engine Displacement |
|---|---|---|---|---|---|
| 20-3109 | 2019-2021 | CHEVROLET | SILVERADO 1500 | V6 | 4.3 F/I |
| 20-3109 | 2019-2021 | CHEVROLET | SILVERADO 1500 | V8 | 5.3 F/I |
| 20-3109 | 2019-2021 | CHEVROLET | SILVERADO 1500 | L4 | 2.7 F/I |
| 20-3109 | 2019 | CHEVROLET | SILVERADO 1500 | V8 | 6.2 F/I |
| 20-3109 | 2019-2021 | GMC | SIERRA 1500 | V6 | 4.3 F/I |
| 20-3109 | 2019-2021 | GMC | SIERRA 1500 | V8 | 5.3 F/I |
| 20-3109 | 2019-2021 | GMC | SIERRA 1500 | L4 | 2.7 F/I |
| 20-3109 | 2019 | GMC | SIERRA 1500 | V8 | 6.2 F/I |
| 20-3082 | 2009-2019 | CADILLAC | ESCALADE | V8 | 6.2 F/I |
| 20-3082 | 2009-2019 | CADILLAC | ESCALADE ESV | V8 | 6.2 F/I |
| 20-3082 | 2009-2013 | CADILLAC | ESCALADE EXT | V8 | 6.2 F/I |
| 20-3082 | 2009-2013 | CHEVROLET | AVALANCHE | V8 | 5.3 F/I |
| 20-3082 | 2009 | CHEVROLET | AVALANCHE | V8 | 6.0 F/I |
| 20-3082 | 2010-2015 | CHEVROLET | CAMARO | V6 | 3.6 F/I |
| 20-3082 | 2014-2015 | CHEVROLET | CAMARO | V8 | 7.0 F/I |
| 20-3082 | 2010-2015 | CHEVROLET | CAMARO SS | V8 | 6.2 F/I |
| 20-3082 | 2012-2015 | CHEVROLET | CAMARO ZL1 | V8 | 6.2 F/I |
| 20-3082 | 2008-2012 | CHEVROLET | MALIBU | L4 | 2.4 F/I |
| 20-3082 | 2014-2018 | CHEVROLET | SILVERADO 1500 | V6 | 4.3 F/I |
| 20-3082 | 2009-2013 | CHEVROLET | SILVERADO 1500 | V8 | 4.8 F/I |
| 20-3082 | 2009-2018 | CHEVROLET | SILVERADO 1500 | V8 | 5.3 F/I |
| 20-3082 | 2009 | CHEVROLET | SILVERADO 1500 | V8 | 6.0 F/I |
| 20-3082 | 2009-2018 | CHEVROLET | SILVERADO 1500 | V8 | 6.2 F/I |
| 20-3082 | 2019 | CHEVROLET | SILVERADO 1500 LD | V8 | 5.3 F/I |
| 20-3082 | 2011-2019 | CHEVROLET | SILVERADO 2500 HD | V8 | 6.0 F/I |
| 20-3082 | 2011-2019 | CHEVROLET | SILVERADO 3500 HD | V8 | 6.0 F/I |
| 20-3082 | 2015-2019 | CHEVROLET | SUBURBAN | V8 | 5.3 F/I |
| 20-3082 | 2019 | CHEVROLET | SUBURBAN | V8 | 6.2 F/I |
| 20-3082 | 2009-2014 | CHEVROLET | SUBURBAN 1500 | V8 | 5.3 F/I |
| 20-3082 | 2009 | CHEVROLET | SUBURBAN 1500 | V8 | 6.0 F/I |
| 20-3082 | 2009 | CHEVROLET | TAHOE | V8 | 4.8 F/I |
| 20-3082 | 2009-2019 | CHEVROLET | TAHOE | V8 | 5.3 F/I |
| 20-3082 | 2009 | CHEVROLET | TAHOE | V8 | 6.2 F/I |
| 20-3082 | 2018-2019 | CHEVROLET | TAHOE | V8 | 6.2 F/I |
| 20-3082 | 2014-2018 | GMC | SIERRA 1500 | V6 | 4.3 F/I |
| 20-3082 | 2009-2013 | GMC | SIERRA 1500 | V8 | 4.8 F/I |
| 20-3082 | 2009-2018 | GMC | SIERRA 1500 | V8 | 5.3 F/I |
| 20-3082 | 2009 | GMC | SIERRA 1500 | V8 | 6.0 F/I |
| 20-3082 | 2009-2018 | GMC | SIERRA 1500 | V8 | 6.2 F/I |

| | | | | | |
|---|---|---|---|---|---|
| 20-3082 | 2019 | GMC | SIERRA 1500 LIMITED | V8 | 5.3 F/I |
| 20-3082 | 2011-2019 | GMC | SIERRA 2500 HD | V8 | 6.0 F/I |
| 20-3082 | 2011-2019 | GMC | SIERRA 3500 HD | V8 | 6.0 F/I |
| 20-3082 | 2009-2014 | GMC | SIERRA DENALI | V8 | 6.2 F/I |
| 20-3082 | 2009-2011 | GMC | YUKON | V8 | 4.8 F/I |
| 20-3082 | 2009-2019 | GMC | YUKON | V8 | 5.3 F/I |
| 20-3082 | 2011 | GMC | YUKON | V8 | 6.2 F/I |
| 20-3082 | 2018-2019 | GMC | YUKON | V8 | 6.2 F/I |
| 20-3082 | 2009-2019 | GMC | YUKON DENALI | V8 | 6.2 F/I |
| 20-3082 | 2009-2019 | GMC | YUKON DENALI XL | V8 | 6.2 F/I |
| 20-3082 | 2015-2019 | GMC | YUKON XL | V8 | 5.3 F/I |
| 20-3082 | 2018-2019 | GMC | YUKON XL | V8 | 6.2 F/I |
| 20-3082 | 2009-2014 | GMC | YUKON XL 1500 | V8 | 5.3 F/I |
| 20-3082 | 2009-2013 | GMC | YUKON XL 1500 | V8 | 6.2 F/I |