CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-269-106
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 Toyota 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 Toyota 4Runner 4WD equipped with a 4.0 liter naturally aspirated gasoline engine (test group MTYXT04.0M5S, LEV III ULEV70) 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	0.041	0.42	0.0001	0.0007	0.0018	0.028	0.53
Standards	0.070	1.7	0.004	0.003	0.006	0.080	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 meets 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 17th day of June 2022.

Michael J. Ragsf for

Allen Lyons, Chief
Emissions Certification and Compliance Division

Part Number	Model Years	Make	Model	Engine
20-9036	2010-2021	TOYOTA	4RUNNER	V6 4.0 F/I
20-9036	2010	TOYOTA	4RUNNER	L4 2.7 F/I
20-9036	2007-2014	TOYOTA	TUNDRA	V6 4.0 F/I
20-9036	2010-2019	TOYOTA	TUNDRA	V8 4.6 F/I
20-9036	2007-2009	TOYOTA	TUNDRA	V8 4.7 F/I
20-9036	2007-2020	TOYOTA	TUNDRA	V8 5.7 F/I
20-9036	2008-2009	TOYOTA	SEQUOIA	V8 4.7 F/I
20-9036	2010-2012	TOYOTA	SEQUOIA	V8 4.6 F/I
20-9036	2008-2019	TOYOTA	SEQUOIA	V8 5.7 F/I
20-9036	2008-2019	TOYOTA	LAND CRUISER	V8 5.7 F/I
20-9036	2009-2013	TOYOTA	HIGHLANDER	L4 2.7 F/I
20-9036	2008-2013	TOYOTA	HIGHLANDER	V6 3.5 F/I
20-9036	2009-2013	TOYOTA	COROLLA	L4 1.8 F/I
20-9036	2009-2010	TOYOTA	COROLLA	L4 2.4 F/I
20-9036	2007-2009	TOYOTA	CAMRY	L4 2.4 F/I
20-9036	2010-2011	TOYOTA	CAMRY	L4 2.5 F/I
20-9036	2007-2011	TOYOTA	CAMRY	V6 3.5 F/I
20-9026	2005-2015	TOYOTA	TACOMA	V6 4.0 F/I
20-9026	2005-2021	TOYOTA	TACOMA	L4 2.7 F/I
20-9026	2016-2021	TOYOTA	TACOMA	V6 3.5 F/I
20-9026	2003-2009	TOYOTA	4RUNNER	V6 4.0 F/I
20-9026	2003-2009	TOYOTA	4RUNNER	V8 4.7 F/I
20-9026	2007-2014	TOYOTA	FJ CRUISER	V6 4.0 F/I
20-9026	2005-2006	TOYOTA	TUNDRA	V6 4.0 F/I
20-9026	2003-2006	TOYOTA	TUNDRA	V8 4.7 F/I