



EXECUTIVE ORDER D-488-57

Relating to Exemptions Under Section 27156 of the California Vehicle Code

Magnuson Products Toyota 3.4L and 4.5L Supercharger Kits

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 Toyota 3.4L and 4.5L Supercharger Kits, manufactured and marketed by Magnuson Products, 1990 Knoll Drive Ventura, CA 93003, 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 vehicle applications listed in Exhibit A.

The Toyota 3.4L Supercharger Kit consists of the following main components: Eaton 1320 supercharger with integrated intake manifold, a 73 mm diameter supercharger pulley, by-pass valve, all the necessary hardware needed for installation, and an EGR kit for applications with EGR. The stock air filter housing, crankshaft pulley, ECU calibration, and intake air tubing are retained. All other emission related components including the throttle-body are transferred to the new intake manifold in a stock functional location. No changes are made to the stock ignition system. Boost is limited to a maximum of 7.0 pounds per square inch. All supplied fuel hoses are Avon's CADbar 9000 series, and fuel and vapor line connections supplied with the kit are OEM – equivalent parts. Breather houses may be replaced with an SAE30R9 rated hose.

The Toyota 4.5L Supercharger Kit consists of the following main components: Eaton MP90 supercharger, a 3.2 inch diameter supercharger pulley and a 7.7 inch crankshaft pulley, by-pass valve, and all the necessary hardware needed for installation. The stock ECU calibration, air flow sensor, air cleaner housing, and thermostat are retained. Modifications to the stock engine configuration include relocation of the throttle-body to the back of the supercharger, new intake air tubing from the stock air cleaner housing to the throttle-body and from the supercharger plenum chamber to the stock intake manifold. The supercharger and plenum chamber are located on the passenger side of the engine block. No emission related components are modified except for a PCV hose which is relocated to the vacuum port on the throttle-body adaptor at the back of the supercharger. No changes are made to the stock ignition system. Boost is limited to a maximum of 6.5 pounds per square inch. All supplied fuel hoses are Avon's CADbar 9000 series, and fuel and vapor line connections supplied with the kit are OEM – equivalent parts. Breather houses may be replaced with an SAE30R9 rated hose.

This Executive Order is valid provided that the installation instructions for the Toyota 3.4L and 4.5L Supercharger Kits 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 Toyota 3.4L and 4.5L Supercharger Kits, 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 Toyota 3.4L and 4.5L Supercharger Kits 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 Toyota 3.4L and 4.5L Supercharger Kits using any identification other than those shown in this Executive Order or marketing of the Toyota 3.4L and 4.5L Supercharger Kits 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 Toyota 3.4L and 4.5L Supercharger Kits 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 Toyota 3.4L and 4.5L Supercharger Kits 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 information submitted by Magnuson Products, including emissions test data.

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 Toyota 3.4L and 4.5L Supercharger Kits will affect the durability of emission control systems, Magnuson Products 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 TOYOTA 3.4L AND 4.5L SUPERCHARGER KITS.

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 15th day of February 2023.

A handwritten signature in blue ink that reads "Robin U. Lang". The signature is written in a cursive style with a large, stylized "R" and "L".

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Exhibit A

Part Number	Model Year	Make	Model	Engine Desc
01-13-34-003-BL	1995-2004	TOYOTA	TACOMA	3.4L
01-13-34-003-BL	1996-2002	TOYOTA	4RUNNER	3.4L
01-13-34-003-BL	1995-1998	TOYOTA	T100	3.4L
02-90-45-003-SL	1992-1997	TOYOTA	TRUCK	4.5L