

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-425-5
Relating to Exemptions Under Section 27156
of the Vehicle Code

TOYOTA RACING DEVELOPMENT
Tubular Exhaust System

Pursuant to the authority vested in the 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-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Tubular Exhaust System, manufactured by Mike Hamm Engineering, Inc., 7591 Acacia Avenue, Garden Grove, California 92841 and marketed by Toyota Racing Development, 1382 Valencia Ave., Tustin, California 92780 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for all 1995 to 2000 model-year Toyota trucks that are equipped with a 3.4L engine.

Tubular Exhaust System is a pair of exhaust headers and a connecting Y pipe manufactured out of 16 gage stainless steel tubing. **The location of the oxygen sensor is at the collector in the connecting pipe, similar to the stock configuration.**

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

This Executive Order shall not apply to any Toyota Racing Development Tubular Exhaust System advertised, offered for sale, or sold with or installed on, a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the supercharger, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the supercharger using any identification other than that shown in this Executive Order or marketing of the supercharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the supercharger shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect the use of the supercharger may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on the following submitted emissions test data on a 1999 Toyota 4Runner certified to a low emission vehicle (LEV) standard:

	NMOG	CO	NOX	HCHO
Standards	0.100	4.4	0.4	0.018
device w/ dfs	0.059	0.6	0.2	0.003

Test results showed that tailpipe emissions with the Tubular Exhaust System installed on the vehicle met the vehicle's applicable emission standard during Cold Start CVS-75 Federal Test Procedure. This Executive Order is also based on On Board Diagnostic II (OBD II) testing conducted on the same 1999 4Runner truck. Test data showed that the Tubular Exhaust System when installed on the vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

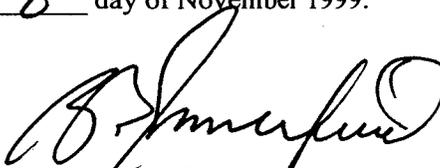
THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF TOYOTA RACING DEVELOPMENT'S TUBULAR EXHAUST SYSTEM.

No claim of any kind, such as "Approved by the 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 after hearing that grounds for revocation exist.

Executive Order D-425-1, dated August 1997, is superseded and of no further force and effect.

Executed at El Monte, California, this 8th day of November 1999.



R. B. Summerfield, Chief
Mobile Source Operations Division