

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-244-6

Relating to Exemptions Under Section 27156
of the Vehicle Code

Jim Wolf Technology, Inc.
Nissan Turbocharger Kit

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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Nissan Turbocharger Kit manufactured and marketed by Jim Wolf Technology, Inc. of 212 Millar Avenue, El Cajon, CA 92020, has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1991 through 1999 model year Nissan Motor Co. Ltd. passenger cars equipped with 2.0L engines.

The Nissan Turbocharger Kit includes the following main components: Garrett T28 turbocharger with a maximum boost of 6.5 psi, cast iron exhaust manifold, air intake tubing from original air cleaner, exhaust connecting pipe, exhaust gas recirculation (EGR) tube, and a modified on-board computer. The oxygen sensor is relocated at the turbo outlet and the original EGR tube is replaced by a longer tube that captures exhaust from the connecting pipe. The manufacturer recommends 92 octane fuel.

This Executive Order shall not apply to any Nissan Turbocharger Kit advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order is valid provided that the installation instructions for the Nissan Turbocharger Kit 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 devices, as exempted by the Air Resources Board (ARB), that adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of these devices using any identification other than that shown in this Executive Order or marketing of this device for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

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

This exemption is issued based on submitted emissions test data from an independent laboratory on a 1999 model year Infiniti G20 vehicle (Engine Family XNSXV0202A2A) certified to the Tier 1 emission standards:

Federal Test Procedure:

	<u>NMHC</u>	<u>CO</u>	<u>NOX</u>
Standards (g/mi)	0.25	3.4	0.4
Device (g/mi) with df's applied	0.21	2.2	0.2

Test results showed that the Nissan Turbocharger Kit when installed on the vehicle did not cause exhaust emissions to exceed the applicable emission standards during the Cold Start CVS-75 Federal Test Procedure. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The Nissan Turbocharger Kit when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

In addition, the ARB 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 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 THE NISSAN TURBOCHARGER KIT.

No claims 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 is made after the hearing that grounds for revocation exist.

This order supersedes Executive Order D-244-2, issued March 23, 2000.

Executed at El Monte, California, this 14TH day of December 2005.



Allen Lyons, Chief
Mobile Source Operations Division