

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-593

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Squires Turbo Systems, Inc.
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 Turbocharger Kit, manufactured and marketed by Squires Turbo Systems, Inc., 165 N. 1330 W. Suite C-4 Orem, Utah 84057, 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 1999 through 2005 model year General Motors trucks equipped with V8 engines, 2004 and 2005 model year Pontiac GTO vehicles equipped with a V8 engine, and 1998 through 2002 model year Camaro/Firebird vehicles equipped with a V8 engine.

The Turbocharger Kit includes the following main parts: Garrett turbocharger, model number T04E 60-1 (Trim P, 0.81 A/R turbine, 0.6 A/R compressor), piping from the throttle body to the turbocharger, piping after the muffler to the turbocharger, open element air filter, wastegate, and PCV switch valve. Control module is reprogrammed using a hand held programmer with no user adjustments. Installation requires the air filter to be located near the rear wheel fender. Passenger cars will have an open element filter and trucks may have either an open element filter or a closed element snorkel kit. Boost is limited to 6 pounds per square inch.

This Executive Order is valid provided that the installation instructions for the Turbocharger Kit will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the design or operating conditions of the Turbocharger Kit, as exempt by the 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 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.

Marketing of the Turbocharger Kit using any identification other than that shown in this Executive Order or marketing of the Turbocharger Kit for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

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

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (SFTP US06/SC03), and an examination of the On-Board Diagnostic II (OBD II) system. A 2004 Pontiac GTO with a 5.7 liter engine (4GMXV05.7083, ULEV, PC) was used for the evaluation of the Turbocharger Kit. Results from emissions testing conducted at University of California Riverside are shown below (in grams per mile with deterioration factors applied):

	CVS-75				US06/SC03	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards 50k	0.100	3.4	0.14	0.015	0.14/0.20	8.0/2.7
With Device	0.039	0.9	0.05	0.001	0.05/0.09	0.30/0.4

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Turbocharger Kit does not affect OBD II system operation.

The 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.

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 TURBOCHARGER KIT.


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 is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 3rd day of August 2005



 Allen Lyons, Chief
Mobile Source Operations Division