

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-625

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Wheel to Wheel, Inc.
Rotrex Supercharger 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 Rotrex Supercharger Kit, produced and marketed by Wheel to Wheel, Inc. of 32505 Industrial Drive, Madison Heights, Michigan 48071, 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 1999 to 2008 model year 4.8L to 6.2L General Motors V8 trucks.

The Rotrex Supercharger Kit includes a Rotrex supercharger, model number C38-71 with a 100 mm diameter pulley and an add-on 193 mm diameter crankshaft pulley, intercooler (optional), ducting from the stock air box to the supercharger and from the supercharger to the stock throttlebody, replacement high flow fuel injectors, and reprogrammed vehicle computer. The kit retains the stock air filter housing, mass air flow sensor, and radiator thermostat. The PCV valve is replaced with a similar valve and relocated during installation. There are no modifications to any fuel lines during installation and any add-on vacuum hoses that may contact fuel or oil vapor have an SAE30R9 specification. The supercharger produces a maximum of 9.0 pound per square inch boost pressure. **The Diablosport Predator programmer used to reprogram the vehicle's computer does not have any user adjustments nor does it have the capability to allow the user to upload any new programming or user options.**

This Executive Order is valid provided that the installation instructions for the Rotrex Supercharger 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 Rotrex Supercharger 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 Rotrex Supercharger 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 Rotrex Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the Rotrex Supercharger 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 Rotrex Supercharger Kit units may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emission test data generated on a 2007 model year Chevrolet Sierra, engine test group 7GMXT05.3381, certified to the Low Emission Vehicle II Ultra Low Emission Vehicle (LEV II ULEV) emission standards. Test results on the Sierra showed that emission levels, with Wheel to Wheel, Inc.'s Rotrex Supercharger Kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) and the Supplemental Federal Test Procedure (SFTP US06/SC03) test cycles. Examination of the OBD II system showed the Rotrex Supercharger Kit did not affect OBD II system operation. Results from emission testing conducted at Quantum Technologies, Lake Forest, California are listed below with deterioration factors applied to CVS-75 results.

	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards	0.070	2.1	0.04	0.011
Device Test	0.063	1.0	0.02	0.000

	US06/SC03	
	NMHC+NOx	CO
Standards 4k	0.40/0.31	10.5/3.5
Device	0.08/0.01	0.7/0.6

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 WHEEL TO WHEEL, INC.'S ROTREX SUPERCHARGER 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 22 day of October 2007.



Annette Hebert, Chief
Mobile Source Operations Division