

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-213-23

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Vortech Engineering, LLC
Honda S2000 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 Honda S2000 Supercharger Kit, manufactured and marketed by Vortech Engineering, LLC, 1650 Pacific Avenue, Oxnard, California 93033, 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 2004 and 2005 model year Honda S2000 vehicle applications.

The Supercharger System includes a Vortech centrifugal supercharger with a 4.5 inch diameter supercharger pulley, a six-inch diameter crankshaft pulley, intercooler, replacement fuel pump, fuel management unit, PCV/fuel hose, one supplementary fuel injector, modified air intake tubing, and a conical air filter with a plastic enclosure. The supercharger produces a maximum boost pressure of eight pounds per square inch.

This Executive Order is valid provided that the installation instructions for the Honda S2000 Supercharger 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 Honda S2000 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 Honda S2000 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 Honda S2000 Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the Honda S2000 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 Honda S2000 Supercharger Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previously submitted emission test data (Executive Order D-213-21) and emission test data generated on a 2005 model year 2.2L Honda S2000 certified to the Low Emission Vehicle (LEV) emission standards. Previous test results demonstrated that use of the Honda S2000 Supercharger Kit will not cause adverse effect on emissions when tested using Cold-Start CVS-75 Federal Test Procedures (FTP). Test results on the 2005 model year 2.2L Honda S2000 showed emission levels, with the supercharger installed, met the applicable emission standards when tested using the Supplemental FTP (US06/SC03) test cycles. Examination of the OBD II system showed the Honda S2000 Supercharger Kit does not affect OBD II system operation. Results from emission testing conducted at Quantum Technologies, located at Lake Forest, California, are shown below (in grams per mile):

	US06/SC03	
	NMHC+NOx	CO
Standards	0.14/0.20	8.0/2.7
Device	0.12/0.07	1.6/0.3


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 2323, 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 HONDA S2000 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 13TH day of October 2005.


Allen Lyons, Chief
Mobile Source Operations Division