

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-687

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Design 1 Racing
968 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 968 Supercharger Kit, manufactured and marketed by Design 1 Racing, 30251 Golden Lantern, Suite E164, Laguna Niguel, California 92677 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 1992 to 1995 model year Porsche 968 vehicles equipped with a 3.0L engine.

The Porsche 968 Supercharger Kit consists of the following main components: Rotrex C30-94 centrifugal supercharger with a 90mm diameter pulley, oil cooler, air intake tubing, mass air flow wire extensions, and a new complete air cleaner housing with an open element air filter. Boost is limited to 5 pounds per square inch. The stock crankshaft pulley and thermostat are retained. No other changes or modifications are required for installation.

This Executive Order is valid provided that the installation instructions for the 968 Supercharger Kit will not recommend tuning the vehicle to specifications different from those of the kit manufacturer.

Changes made to the design or operating conditions of the 968 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.

Marketing of the 968 Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the 968 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 is granted based on submitted emissions test data generated on one test vehicle modified with the 968 Supercharger Kit. Test results showed that emission levels, with the supercharger kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle. Results from emissions testing conducted at Quantum Technologies, located in Lake Forest, California are shown below (in grams per mile).

1994 Porsche 968	CVS-75 FTP		
	NMHC	CO	NOx
Standards, 100K	0.31	4.2	0.40
Device	0.11	1.1	0.14

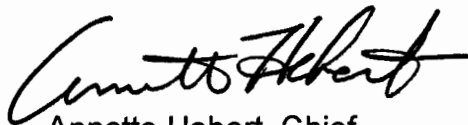
The Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 968 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 8 day of April 2011.



Annette Hebert, Chief
Mobile Source Operations Division