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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-473-7

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Saleen Performance
Saleen Performance 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 Saleen Performance Supercharger Kit, produced and marketed by Saleen Performance, 76 Fairbanks, Irvine, California 92618, 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 vehicles listed in the attached Exhibit A.

The Saleen Performance Supercharger Kit includes the following main components: water pump, intercooler, Lysholm Twin Screw supercharger, modified engine control unit, assorted brackets, and hardware. The supercharger is driven by the stock crankshaft pulley, and the supercharger pulley diameter is 3.125 inches. Maximum boost is 8.5 psi at 6,000 rpm.

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

This Executive Order is granted based on emission results submitted by Saleen Performance in certifying their supercharged Mustang GT as a small volume new vehicle (Saleen S281 SC, E.O. A-324-0012, engine family 3S3XV04.6JDA, TLEV, PC). The final configuration of a 2003 Ford Mustang GT equipped with the Saleen Performance Supercharger Kit is the same as the Saleen S281 SC. The certification emission results are shown below (in grams per mile):

50k	NMOG	CO	NOx	HCHO
Emission Level	0.111	0.9	0.1	n/a
(w. DF applied)				
STD	0.125	3.4	0.4	0.015
100k	NMOG	CO	NOx	HCHO
Emission Level	0.126	1.0	0.1	n/a
(w. DF applied)				
STD	0.156	4.2	0.6	0.018

The certification emission test results submitted for new vehicle certification have been accepted as representative of emissions in the modified configuration. The certification emission test results were below the applicable certification standards. Examination of the OBD II system was not performed since Saleen Performance has demonstrated OBD II compliance during certification of the Saleen S281 SC coupe. Therefore, based on the test results, the staff concludes that the Saleen Performance Supercharger Kit meets the criteria for exempting general criteria parts. However, the ARB finds that reasonable grounds exist to believe that use of the Saleen Performance Supercharger Kit may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the CVS-75 Federal Test Procedure. Accordingly, the ARB reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the Saleen Performance Supercharger Kit adversely affects emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the ARB with reason to suspect that the Saleen Performance Supercharger Kit will affect the durability of the emission control system, Saleen Performance shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

If evidence provides the ARB with reason to suspect that the Saleen Performance Supercharger Kit will affect the durability of emission control systems, Saleen Performance shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 SALEEN PERFORMANCE'S SALEEN PERFORMANCE 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 18TH day of February, 2003.



Allen Lyons, Chief
Mobile Source Operations Division

Exhibit A

Part Number	Vehicles	Drive Pulley Diameter	Supercharger Pulley Diameter	Maximum Boost	Previous E.O.
178-553	1996-1998 4.6 liter Ford Mustang GT	167 mm (6.54 inches)	74 mm (2.90 inches)	8 psi at 6,000 rpm	D-473-1
178-607	1999-2002 4.6 liter Ford Mustang GT	167 mm (6.54 inches)	74 mm (2.90 inches)	8.5 psi at 5,800 rpm	D-473-5 (1999-2001)
178-613	2003 4.6 liter Ford Mustang GT	stock crankshaft pulley	3.125 inches	8.5 psi at 6,000 rpm	