

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-473
Relating to Exemptions Under Section 27156
of the Vehicle Code

SALEEN PERFORMANCE
SALEEN SUPERCHARGER

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-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Saleen Supercharger, 9 Whatney, 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 the 1998 4.6 liter SOHV Ford Mustang GT (p/n 178-553).

The Saleen Supercharger includes the following main components: water pump, intercooler, Eaton M-90 supercharger, 24 lb/hr fuel injectors, throttle cable, modified engine control unit, assorted brackets, and hardware. The diameter of the drive pulley is 167 mm (6.54 inches), and the supercharger pulley diameter is 74 mm (2.90 inches). Maximum boost is 8 psi at 6,000 rpm, boost pressure is 5-6 psi between 3,000 and 5,000 rpm.

This Executive Order is valid provided that the installation instructions for the Saleen Supercharger 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 Supercharger, 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 Saleen Supercharger using any identification other than that shown in this Executive Order or marketing of the Saleen Supercharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the Saleen Supercharger shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

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

This Executive Order is granted based on emissions in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure and examination of the On-Board Diagnostic II (OBD II) system. Results from emissions testing conducted at the Mercedes-Benz Service Corporation Test Lab, of Ann Arbor, Michigan, are shown below (in grams per mile):

Raw		NMHC	CO	NOx
Emission Level		0.082	1.081	0.070
50k		NMHC	CO	NOx
DF		1.382	1.602	1.396
Emission Level		0.113	1.732	0.098
(w. DF applied)				
STD		0.25	3.4	0.4
100k		NMHC	CO	NOx
DF		1.796	2.255	1.827
Emission Level		0.147	2.438	0.128
(w. DF applied)				
STD		0.31	4.2	0.6

The emission test results in the modified configuration were below the applicable certification emission standards. Examination of the OBD II system showed the Saleen Supercharger does not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Saleen Supercharger meets the criteria for exempting general criteria parts as specified in the "Procedures for Exemption of Add-On and Modified Parts". However, the ARB finds that reasonable grounds exist to believe that use of the Saleen Supercharger 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 Supercharger 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 Supercharger 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.

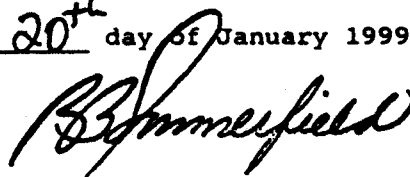
In addition to the foregoing, the ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 SUPERCHARGER.

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 after hearing that grounds for revocation exist.

Executed at El Monte, California, this 20th day of January 1999.

A handwritten signature in dark ink, appearing to read "R. B. Summerfield", is written over the printed name and title.

R. B. Summerfield, Chief
Mobile Source Operations Division