

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-333  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

LINGENFELTER PERFORMANCE ENGINEERING, INC.'S  
LINGENFELTER 383 CID LT-1 ENGINE

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-5;

IT IS ORDERED AND RESOLVED: That the installation of the Lingenfelter 383 CID LT-1 Engine manufactured by Lingenfelter Performance Engineering, Inc. (Lingenfelter) of 1557 Winchester Road, Decatur, Indiana 46733, has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1992 & 1993 Corvettes equipped with a 5.7L LT-1 gasoline engine.

The Lingenfelter 383 CID LT-1 Engine uses new fuel injectors, pistons, connecting rods, crankshaft, camshaft, after catalyst exhaust system, and reworked cylinder heads, intake manifold, intake runners, and PROM chip.

This Executive Order is valid provided that the installation of the Lingenfelter 383 CID LT-1 Engine is conducted by Lingenfelter and no changes are made to the stock tune-up specifications.

Changes made to the design or operating conditions of the Lingenfelter 383 CID LT-1 Engine, as exempt by the ARB, which may adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Lingenfelter 383 CID LT-1 Engine using any identification other than that shown in this Executive Order or marketing of the Lingenfelter 383 CID LT-1 Engine for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

This Executive Order does not constitute any opinion as to the effect the Lingenfelter 383 CID LT-1 Engine may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on results from emissions tests conducted in accordance with Cold-Start CVS-75 Federal Test Procedure. However, the ARB finds that reasonable grounds exist to believe that use of the Lingenfelter 383 CID LT-1 Engine may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the previously prescribed test procedures. 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 Lingenfelter 383 CID LT-1 Engines adversely affect 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 Lingenfelter 383 CID LT-1 Engines will affect the durability of the emission control system, Lingenfelter 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 CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF LINGENFELTER PERFORMANCE ENGINEERING, INC.'S LINGENFELTER 383 CID LT-1 ENGINE.

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 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 27<sup>th</sup> day of September, 1993.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division