

J.S.

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-555-1  
Relating to Exemptions Under Section 27156  
Of the Vehicle Code

Dyno-Proven Products, Inc.  
CoolCharger Supercharger System

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 CoolCharger Supercharger System manufactured and marketed by Dyno-Proven Products, Inc., 570 Mamaroneck Avenue, Mamaroneck, New York 10543, 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 those General Motors vehicles listed in Exhibit A of this Executive Order.

The CoolCharger Supercharger System includes a supercharger (manufactured by Powerdyne Automotive Products), replacement fuel injectors, a powertrain control module, an air cleaner assembly, mounting brackets and ducting to route air into the intake manifold. The supercharger pulley diameter is 3.33 inches and the crankshaft pulley diameter is 8 inches. The supercharger produces a maximum of 8.2 psi of boost pressure at maximum engine speed.

This Executive Order is valid provided that the installation instructions for the CoolCharger Supercharger System will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

This Executive Order shall not apply to any CoolCharger Supercharger System advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with the transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the CoolCharger Supercharger System, as exempted 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 CoolCharger Supercharger System using any identification other than that shown in this Executive Order or marketing of the CoolCharger Supercharger System 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 system 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 Dyno-Proven Products, Inc. CoolCharger Supercharger System may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test data generated on a 2002 Cadillac Escalade light-duty truck certified to the Low-Emission Vehicle (LEV) emission standards. Emission levels of the vehicle with the CoolCharger Supercharger System installed met the applicable emission standards during the Cold Start CVS-75 Federal Test Procedure. Results are in grams per mile with deterioration factors added to CVS-75 test results:

|              | FTP (grams/mile) |     |     |       |
|--------------|------------------|-----|-----|-------|
|              | NMOG*            | CO  | NOx | HCHO* |
| Standard     | 0.195            | 5.0 | 0.6 | 0.022 |
| Test Results | 0.135            | 3.2 | 0.2 | 0.002 |

Dyno-Proven Products, Inc. also demonstrated that the CoolCharger Supercharger System did not affect the ability of the vehicle's OBDII system to monitor various emissions related functions. Boost pressure measured during a wide-open-throttle acceleration conducted by the independent emissions test laboratory was no greater than 8.2 psi.

If test results or other evidence provides the ARB with reason to suspect that the CoolCharger Supercharger System will affect the durability of the emission control system, Dyno-Proven Products, Inc. shall be required to submit durability data to show that the durability of the vehicle emissions 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 DYNOPROVEN PRODUCTS, INC.'S COOLCHARGER SUPERCHARGER SYSTEM.

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 of 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 19<sup>TH</sup> day of March 2003.



Allen Lyons, Chief  
Mobile Source Operations Division