

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-498-1  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

SMART CAM PRODUCTS  
Smart Cam Lifters

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 Smart Cam Lifters, manufactured and marketed by Smart Cam Products, 1233 Cushman Avenue, San Diego, California 92110 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 1995 and older General Motors small block V8 engines equipped with flat tappet lifters.

The Smart Cam Lifters are a full set of hydraulic flat tappet lifters designed to replace the stock V8 small block engine flat tappet lifters.

This Executive Order is valid provided that the installation instructions for the Smart Cam Lifters 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 Smart Cam Lifters, 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 Smart Cam Lifters using any identification other than that shown in this Executive Order or marketing of the Smart Cam Lifters 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 Smart Cam Lifters 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 Smart Cam Lifters may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emissions test data on a 1994 5.7L Chevrolet Suburban equipped with the Smart Cam Lifters.

|            | NMHC | CO    | NOx  |
|------------|------|-------|------|
| Baseline   | 0.50 | 4.6   | 0.6  |
| Device     | 0.60 | 5.2   | 0.6  |
| Difference | 0.10 | 0.6   | 0.0  |
| % Change   | 20%  | 11.3% | 0.0% |

Test results showed that tailpipe emissions with the Smart Cam Lifters installed on the vehicle did not cause exhaust emissions to exceed the baseline emissions by more than the allowed limits of 10 percent or 0.1 grams per mile on hydrocarbon (HC) and oxides of nitrogen (NOx), and 15 percent or 1.0 grams per mile carbon monoxide (CO) as specified in the "Procedures for Exemption of Add-On and Modified Parts".

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.

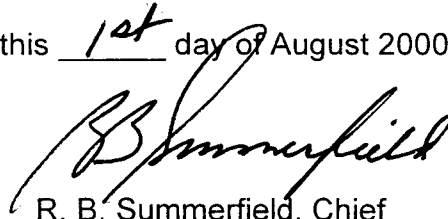
THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE SMART CAM LIFTERS.

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.

Executive Order D-498, dated April 2000 is superseded and of no further force and effect.

Executed at El Monte, California, this 1st day of August 2000.



R. B. Summerfield, Chief  
Mobile Source Operations Division