

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-324  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

EXTRUDE HONE ABRASIVE FLOW MACHINING  
EXTRUDE HONE ABRASIVE FLOW MACHINING PROCESS

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 application of the Extrude Hone Abrasive Flow Machining Process, performed by Extrude Hone Abrasive Flow Machining, has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for exhaust manifolds, intake manifolds, and cylinder heads from 1993 and earlier model year vehicles equipped with gasoline engines.

No more than 0.035 inches of material may be removed from any surface when the Extrude Hone Abrasive Flow Machining Process is used.

This Executive Order is valid provided that instructions for the Extrude Hone Abrasive Flow Machining Process will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the process, as exempted by the ARB, that adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of this process using an identification other than that shown in this Executive Order or marketing of this process 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 that this process 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 the Extrude Hone Abrasive Flow Machining Process 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 Extrude Hone Abrasive

Flow Machining Process 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 Extrude Hone Abrasive Flow Machining Process will affect the durability of the emission control system, Extrude Hone Abrasive Flow Machining 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 EXTRUDE HONE ABRASIVE FLOW MACHINING'S EXTRUDE HONE ABRASIVE FLOW MACHINING PROCESS.**

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.

Section 17500 of the Business and Professions Code makes untrue or misleading advertising unlawful, and Section 17534 makes violation punishable as a misdemeanor.

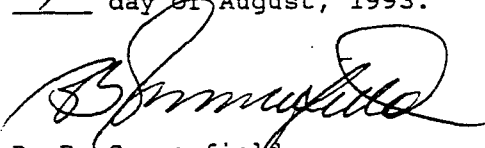
Section 43644 of the Health and Safety Code provides as follows:

"43644, (a) No person shall install, sell, offer for sale, or advertise, or, except in an application to the state board for certification of a device, represent, any device as a motor vehicle pollution control device for use on any used motor vehicle unless that device has been certified by the state board. No person shall sell, offer for sale, advertise, or represent any motor vehicle pollution control device as a certified device which, in fact, is not a certified device. Any violation of this subdivision is a misdemeanor."

Any apparent violation of the conditions of this Executive Order may result in its rescission or submission to the Attorney General of California for such action as he deems advisable.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California, this 4<sup>th</sup> day of August, 1993.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division