

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-167-19
Relating to Exemptions Under Section 27156
of the Vehicle Code

HEDMAN HEDDERS
TUBULAR EXHAUST MANIFOLD SYSTEM

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-45-9;

IT IS ORDERED AND RESOLVED: That installation of the Tubular Exhaust Manifold System (TEMS), manufactured by Hedman Heddors of 9599 Jefferson Boulevard, Culver City, California 90232, has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, TEMS, part nos. 89490 and 89490-6 (with HTC metallic thermal coating), is exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on 1998 and 1999 model-year 4.6 liter V-8 Ford Motor Company F150 and F250 trucks, including those trucks certified to the Low-Emission Vehicle exhaust emission standards.

This exemption is based on emission and on-board diagnostic (OBD II) system testing Hedman Heddors conducted on a 1999 model-year 4.6 liter V-8 Ford F150 truck with the exhaust headers. Hedman Heddors submitted the following Cold-Start CVS-75 Federal Test Procedure emission test results:

	NMOG	CO	NO _x	HCHO
	(grams per mile)			
With Headers	0.054*	0.306	0.074	0.001*
DF-Applied	0.062	0.366	0.094	0.001
Standards	0.16	4.4	0.40	0.018

* Calculated using OEM NMOG/NMHC and HCHO/NMHC ratios.

The test data show that the exhaust headers did not adversely affect the exhaust emissions of the 1999 model-year Ford truck. The exhaust headers were also found to not affect the operation of the vehicle's OBD II system. The same results are expected when the exhaust headers are installed on the vehicles for which the exemption is requested.

This Executive Order is valid provided that installation instructions for the exhaust headers not recommend tuning the vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the exhaust headers, as exempt by the ARB, which adversely affect the performance of the vehicles' pollution control system, shall invalidate this Executive Order.

Marketing of the exhaust headers using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB. Exemption of the exhaust headers shall not be construed as exemption to sell, offer for sale, or advertise any component of the exhaust headers as an individual device.

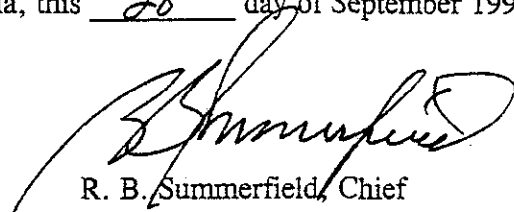
This Executive Order does not constitute any opinion as to the effect the use of the exhaust headers may have on any warranty either expressed or implied by the vehicle manufacturer.

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.

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 HEDMAN HEDDERS' TUBULAR EXHAUST MANIFOLD SYSTEM.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order. The Executive Order may be revoked only after a ten-day written notice of intention to revoke the Executive Order, in which period the holder of the Executive 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 Executive Order may not be revoked until a determination after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 28th day of September 1999.



R. B. Summerfield, Chief
Mobile Source Operations Division