

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-554-1

Relating to Exemptions Under Section 27156  
of the Vehicle Code

DOUG'S HEADERS  
SHORT TUBE HEADERS

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 Short Tube Headers, manufactured and marketed by Doug's Headers, 1391 Dodson Way, Riverside, California, 92507 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 2002 through 2004 model-year trucks and motorhomes equipped with a General Motors 6 or 8 cylinder engine and a close coupled catalyst as listed in Exhibit A, **excluding the following 2004 model-year engine test groups: 4GMXT05.3178, 4GMXA06.0189, and 4GMXT06.0187.**

The Short Tube Headers are manufactured out of 16 gage stainless steel or 14 gage mild steel with a nickel finish or ceramic coating and bolts to the stock connecting pipe.

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

This Executive Order shall not apply to any Short Tube Headers advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the Short Tube Headers, 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 Short Tube Headers using any identification other than that shown in this Executive Order or marketing of the Short Tube Headers 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 Short Tube Headers 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 Short Tube Headers may have on any warranty either expressed or implied by the vehicle.

This Executive Order is granted based on emissions test data generated on a 2003 Chevrolet Tahoe certified to the Ultra Low-Emission Vehicle (ULEV) emission standards. Emission levels of the modified vehicle met the applicable emission standards over the Cold-Start CVS-75 Federal Test Procedure (FTP) and the US06 test cycle. Results are in grams per mile with deterioration factors applied to the FTP:

	CVS-75				US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	0.117	5.0	0.6	0.011	0.6	11.8
Device	0.068	1.5	0.2	0.001	0.6	0.7

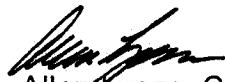
This Executive Order is also based on an On-Board Diagnostic II (OBD II) test conducted on the same test vehicle. Test data showed that the headers when installed on the vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

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 SHORT TUBE HEADERS.

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 is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 10<sup>TH</sup> day of December 2003.



Allen Lyons, Chief  
Mobile Source Operations Division

## Exhibit A

### CHEVROLET/GMC 1/2, 3/4, and 1 TON PICK-UP TAHOE, YUKON, and SUBURBAN WITH A CLOSE COUPLED CATALYST

<u>2002-03 Silverado &amp; Sierra Pick-up</u>	<u>Std. Coat</u>	<u>Ceramic</u>	<u>Stainless</u>
4.3L V6	D3349	D3349-C	D3349-SS
4.8L & 5.3L V8 (No EGR) 2 WD & 4 WD	D3373	D3373-C	D3373-SS
6.0L V8 (With EGR) 2 WD & 4 WD	D3373-1	D3373-1-C	D3373-1-SS
6.0L V8 (No EGR) 2 WD & 4 WD	D3373-2	D3373-2-C	D3373-2-SS
8.1L V8 2 WD & 4 WD	D3381	D3381-C	D3381-SS
<u>2002-03 Suburban, Tahoe, Yukon, Yukon XL, Denali</u>			
4.8L & 5.3L V8 (No EGR) 2 WD & 4 WD	D3373	D3373-C	D3373-SS
6.0L V8 (With EGR) 2 WD & 4 WD	D3373-1	D3373-1-C	D3373-1-SS
6.0L V8 (No EGR) 2 WD & 4 WD	D3373-2	D3373-2-C	D3373-2-SS
8.1L V8 2 WD & 4 WD	D3381	D3381-C	D3381-SS

### CADILLAC PICK-UP & SUV WITH A CLOSE COUPLED CATALYST

<u>2002-03 Escalade &amp; Escalade EXT</u>			
5.3L V8 (No EGR) 2 WD & 4 WD	D3373	D3373-C	D3373-SS
6.0L V8 (With EGR)	D3373-1	D3373-1-C	D3373-1-SS
6.0L V8 (No EGR)	D3373-2	D3373-2-C	D3373-2-SS