

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-165-11

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Downey Off Road Manufacturing  
Exhaust 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 Exhaust Headers, manufactured and marketed by Downey Off Road Manufacturing, 9734 Alburdis Avenue, Santa Fe Springs, California 90670, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the following Toyota vehicle applications:

<u>Part No.</u>	<u>Application</u>
17410-81	1981 to 1987 4WD Pickups and 4 Runner with 2.4L 22R or 22RE engine
17410-81S*	1981 to 1984 4WD Pickups with 2.4L 22R engine
17412-81	1981 to 1987 2WD Pickups with 2.4L 22R or 22RE engine
17412-81S*	1981 to 1984 2WD Pickups with 2.4L 22R or 22RE engine
17410-88	1988 to 1995 4WD Pickups and 4 Runner with 2.4L 22R or 22RE engine
17412-88	1988 to 1995 2WD Pickups and 4 Runner with 2.4L 22R or 22RE engine
17410-30	1988 to 1995 4WD Pickups and 4 Runner with 3.0L 3VZ engine
17410-95	1995 to 1998 4WD Pickups with 2.7L 3RZ engine
17412-95	1995 to 1998 2WD Pickups with 2.4L 2RZ engine
17412	1999 to 2004 All Pickups with 2.4L 2RZ or 2.7L 3RZ engine
17412	1995 to 2004 All 4 Runner with 2.7L 3RZ engine
17410-34	1995 to 2004 All Pickups with 3.4L 5VZ engine
17410-34	1996 to 2004 All 4 Runner with 3.4L 5VZ engine
17410-00**	1999 to 2004 Tundras with 4.7L 2UZ engine
17410-00**	2001 to 2004 Sequoias with 4.7L 2UZ engine

\* California only pickups uses a different style air injection manifold

\*\* Excludes the following engine test groups: 2003 model year 3TYXT04.7HBW, 3TYXT04.7HBY, 2004 model year 4TYXT04.7W1Y, and 4TYXT04.7W1W

Letter C at end of part number denotes ceramic coated

The Exhaust Header is a short tube design manufactured out of 14 gage mild steel with either a chrome or ceramic coating. The oxygen sensors remain in the stock location at a collector which samples all exhaust banks.

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

Changes made to the design or operating conditions of the Exhaust 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 Exhaust Headers using any identification other than that shown in this Executive Order or marketing of the Exhaust 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.

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.

This Executive Order is granted based on prior evaluation which determined that the Exhaust Headers do not cause an adverse effect on emissions of selected Toyota trucks (Executive Order D-165-9) when tested using the CVS-75 Federal Test Procedure. Furthermore, new emission test data was generated on a 2003 model year Toyota Tacoma, certified to the Low Emission Vehicle I Low Emission Vehicle (LEV I LEV) emission standards using the Supplemental Federal Test Procedure (SFTP US06) test cycle. Test results on the Tacoma showed that emission levels, with the Exhaust Headers installed, met the applicable emission standards. Examination of the OBD II system showed the Exhaust Header did not affect OBD II system operation. Results from emission testing conducted at the Automobile Club of Southern California's Emissions Laboratory, Diamond Bar, California are listed below.

	US06	
	NMHC+NOx	CO
Standards	0.25	10.5
Device	0.13	1.7

The Air Resources Board 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 EXHAUST 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 31 day of August, 2007



Annette Hebert, Chief  
Mobile Source Operations Division