State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-57-30

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Pertronix Performance Products
JBA and Doug's 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-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the JBA and Doug's Headers, manufactured and marketed by Pertronix Performance Products (Pertronix), 440 E. Arrow Highway, San Dimas, California 91773, 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 and Nissan vehicle applications listed:

TOYOTA

| Year | Engine | Application | Part No. |
|---|---|---|---|
| 1995-2001 | 3.4L | Toyota T-100 | 2032S-3, 2032S-3JS, 2032S-3JT |
| 1995-2000 | 3.4L | Tacoma | 2032S-1, 2032S-1JS, 2032S-1JT |
| 2001-2004 | 3.4L | Tacoma | 2032S, 2032SJS, 2032SJT |
| 2005-2010 | 4.0L | Tacoma/FJ/Tundra | 2035S, 2035SJS, 2035SJT |
| 2005-2011 | 4.0L | Tacoma | 2035S/2035S-1, 2035SJS/2035S-1JS, 2035SJT/ 2035S-1JT |
| 2003-2012 | 4.0L | 4Runner W/O A.I.R. | 2035S/2035S-1, 2035SJS/2035S-1JS, 2035SJT/ 2035S-1JT |
| 2007-2012 | 4.0L | FJ | 2035S/2035S-1, 2035SJS/2035S-1JS, 2035SJT/ 2035S-1JT |
| 2005-2010 | 4.0L | Tundra | 2035S/2035S-1, 2035SJS/2035S-1JS, 2035SJT/ 2035S-1JT |
| 2013-2014 | 4.0L | FJ/4Runner/Tacoma W/ A.I.R. | 2035S-3, 2035S-3JS, 2035S-3JT |
| 2011-2012 | 4.0L | Tundra W/A.I.R. | 2035S-2, 2035S-2JS,. 2035S-2JT |
| 2013-14 | 4.0L | Tundra W/A.I.R. | 2035S-4, 2035S-4JS, 2035S-4JT |
| 2007-2011 | 4.7L | Toyota Tundra, Sequoia | 2013S, 2013SJS, 2013SJT |
| 2005-2006 | 4.7L | Tundra/Sequoia | 2011S, 2011SJS, 2011SJT |
| 2000-2004 | 4.7L | Tundra/Sequoia | 2010S, 201SJS, 2010SJT |
| 2007-2014 | 5.7L | Toyota Tundra, Sequoia | 2012S, 2012SJS, 2012SJT |
| 2012-2014 | 4.0L | Tacoma/4Runner/Tundra/FJ with A.I.R. | 2035S-2, 2035S-2JS, 2035S-2JT |
| 2010-2014 | 4.6L | Tundra/Sequoia | 2014S, 2014SJS, 2014SJT |

NISSAN

| | | | |
|---|---|---|---|
| 2005-2014 | 4.0L | Frontier/Xterra/Pathfinder | 1410S, 1410SJS, 1410SJT |
| 2004-2014 | 5.6L | Armada/Titan, Infinity QX56 | 1400S, 1400SJS, 1400SJT |

The headers are a shorty style header design, manufactured out of 16 gage mild steel or 16 gage stainless steel. The oxygen sensor is retained in the stock location at a collector.

The headers may include a connecting Y-pipe that is also manufactured out of 16 gage mild steel or 16 gage stainless steel.

This Executive Order is valid provided that the installation instructions for the JBA and Doug's Headers 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 JBA and Doug's 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.

This Executive Order is granted based on prior submitted emissions test data generated on a 2010 model year 5.7L Toyota Tundra, modified with the JBA header. Test results showed that emission levels, with the header installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP-US06) test cycle. Examination of the OBD II system showed that the header did not affect OBD II system operation.

Results from emissions testing conducted at the Auto Club Emissions Laboratory, located in Diamond Bar, California, are shown below (in grams per mile).

| **2010 5.7L Tundra** | CVS-75 FTP | | | | SFTP US06 | |
|---|---|---|---|---|---|---|
| | NMOG | CO | NOx | HCHO | NMHC+NOx | CO |
| Standards* | 0.040 | 1.7 | 0.05 | 0.008 | 0.60 | 11.8 |
| Device Test 1 | 0.035 | 0.6 | 0.01 | 0.001 | 0.02 | 0.2 |
| Device Test 2 | 0.032 | 0.6 | 0.01 | 0.001 | | |
| Average | 0.034 | 0.6 | 0.01 | 0.001 | | |
| Average w/df | 0.038 | 0.7 | 0.01 | 0.001 | | |

*LEV II ULEV CVS-75 FTP 50K emissions standards.

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 JBA AND DOUG'S HEADERS.

Marketing of the JBA and Doug's Headers using any identification other than that shown in this Executive Order or marketing of the JBA and Doug's 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.

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 18th day of April 2014.

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division