State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-57-31

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 Ford vehicle applications listed in Exhibit A:

The headers are a shorty style header design, manufactured out of 14 gage mild steel or 16 gage stainless steel. The oxygen sensor, if applicable, is retained in the stock location at a collector. The headers may include a connecting Y-pipe that is also manufactured out of 14 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 2011 model year 5.0L Ford Mustang, 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).

2011 5.0L Mustang	CVS-75 FTP				SFTP US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards*	0.070	2.1	0.04	0.011	0.14	8.0
Device Test 1	0.022	0.7	0.01	0.000	0.02	0.4
Device Test 2	0.021	0.5	0.02	0.000		
Average	0.022	0.6	0.02	0.000		
Average w/df	0.055	0.9	0.03	0.001		

* USEPA Bin 4, Counted as LEV II ULEV, CVS-75 FTP emissions standards, useful life.

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.

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

This Executive Order does not constitute any opinion as to the effect the use of the JBA and Doug's 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.

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 14th day of April 2014.

J. Lourenco

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

Exhibit A

FORD

Year	Engine	Application	Part Number
00-04	2.0L	Focus/Escape	1680S, 1680SJS, 1680SJT
88-90	2.9L	Ranger/Bronco II	1632S, 1632SJS, 1632SJT
88-90	2.9L	Ranger/Bronco II	1632S-1, 1632S-1JS, 1632S-1JT
86-87	2.9L	Ranger/Bronco II	1630S, 1630SJS, 1630SJT
98-01	3.0L	Ranger	1647S, 1647SJS, 1647SJT
95-97	3.0L	Ranger	1646S-1, 1646S-1JS, 1646S-1JT
91-93	3.0L	Ranger/Mazda B3000	1646S, 1646SJS, 1646SJT
02-08	3.0L	Ranger	1647S-1, 1647S-1JS, 1647S-1JT
11-14	3.7L	Mustang	1618S, 1618SJS, 1618SJT
99-04	3.8L or 3.9L	Mustang W/O A.I.R.	1619S-1, 1619S-1JS, 1619S1-JT
99-04	3.8L or 3.9L	Mustang W/A.I.R.	1619S-4, 1619S-4JS, 1619S-4JT
94-98	3.8L	Mustang W/O A.I.R.	1619S, 1619SJS, 1619SJT
1998	3.8L	Mustang	1619S-3, 1619S-3JS, 1619S-3JT
98-00	4.0L	Ranger/Explorer Non EGR	1634S-2, 1634S-2JS, 1634S-2JT
98-00	4.0L	Ranger/Explorer W/EGR	1634S-3, 1634S-3JS, 1634S-3JT
97-11	4.0L	Ranger/Explorer SOHC DR SIDE EGR	1674S-1, 1674S-1JS, 1674S-1JT
95-98	4.0L	Explorer	1634S-1, 1634S-1JS, 1634S-1JT
95-97	4.0L	Ranger	1634S, 1634SJS, 1634SJT
90-94	4.0L	Ranger/Explorer	1633S-1, 1633S-1JS, 1633S-1JT
05-10	4.0L	Mustang	1617S, 1617SJS, 1617SJT
00-11	4.0L	Ranger/Explorer SOHC PASS SIDE EGR	1674S, 1674SJS, 1674SJT
03-11	4.0L	Ranger/Explorer SOHC W/O EGR	1674S-2, 1674S-2JS, 1674S-2JT
97-08	4.2L	Ford Trucks	1672S, 1672SJS, 1672SJT
99-04	4.6L	Mustang Cobra Mach 1	1625S-7, 1625S-7JS, 1625S-7JT
99-04	4.6L	Mustang	1625S-9, 1625S-9JS, 1625S-9JT
97-03	4.6L	Ford Trucks	1677S, 1677SJS, 1677SJT
96-98	4.6L	Mustang	1625S-8, 1625S-8JS, 1625S-8JT
96-97	4.6L	Mustang Cobra	1625S-5, 1625S-5JS, 1625S-5JT
96-04	4.6L	Passenger cars	1625S, 1625SJS, 1625SJT
94-97	4.6L	Thunderbird/Cougar	1626S, 1626SJS, 1626SJT
05-10	4.6L	Mustang 3V	1675S, 1675SJS, 1675SJT
05-10	4.6L	Mustang 3V	D6682, D6682-R, D6682-B
04-06	4.6L	F150	1687S, 1687SJS, 1687SJT
02-05	4.6L	Explorer	1678S, 1678SJS, 1678SJT
1998	4.6L	Mustang Cobra	1625S-6, 1625S-6JS, 1625S-6JT
11-14	5.0L	Mustang	1685S, 1685SJS, 1685SJT
94-95	5.0L	Mustang	1624S-4, 1624S-4JS, 1624S-4JT
87-95	5.0L	Ford Trucks	1627S, 1627SJS, 1627SJT
86-93	5.0L	Mustang	1624S-2, 1624S-2JS, 1624S-2JT
1996	5.0L	Ford Trucks	1627S-1, 1627S-1JS, 1627S-1JT
79-85	5.0L	Mustang	1621S, 1621SJS, 1621SJT
99-04	5.4L	Excursion/Super Duty W/ EGR	1679S-1, 1679S-1JS, 1679S-1JT
99-04	5.4L	Excursion/Super Duty W/O EGR	1679S-2, 1679S-2JS, 1679S-2JT
99-04	5.4L	Lightning Truck	1679S-3, 1679S-3JS, 1679S-3JT
99-02	5.4L	Navigator	1679S-4, 1679S-4JS, 1679S-4JT
97-03	5.4L	Ford Trucks	1679S, 1679SJS, 1679SJT
04-10	5.4L	Ford Trucks	1676S, 1676SJS, 1676SJT
04-10	5.4L	Ford Trucks	D6659, D6659-R, D6659-B
05-10	5.4L	Ford F-250, F-350, F-450 SD	1676S-1, 1676S-1JS, 1676S-1JT
93-95	5.8L	Lightning Truck	1628S-2, 1628S-2JS, 1628S-2JT
87-97	5.8L	Ford Trucks W/ PORT A.I.R.	1628S-3, 1628S-3JS, 1628S-3JT
87-97	5.8L	Ford Trucks W/ DUAL A.I.R.	1628S-4, 1628S-4JS, 1628S-4JT
86-96	5.8L	Ford Trucks W/O A.I.R.	1628S, 1628SJS, 1628SJT
99-04	6.8L	Ford Trucks/Excursion W/O EGR	1669S, 1669SJS, 1669SJT
99-04	6.8L	Ford Trucks/Excursion W/EGR	1669S-1, 1669S-1JS, 1669S-1JT
05-10	6.8L	Ford Trucks/Excursion	1670S, 1670SJS, 1670SJT
11-14	5.0L	Ford Trucks	1688S, 688SJS, 1688SJT
07-14	5.4L. 5.8L	Mustang GT500	1695S, 1695SJS, 1695SJT
86-93	5.0	Mustang	H8476, H8476-1, H8476-B, D6673, D6673-R, D6673-B
94-95	5.0	Mustang	H8477, H8477-1, H8477-B, D6676, D6676-R, D6676-B
96-04	4.6L	Mustang	D6680, D6680-R, D6680-B