

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-57-27

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-02-003;

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 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		

*LEV II ULEV CVS-75 FTP Useful Life 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.

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 17th day of January 2013.


Annette Hebert, Chief
Mobile Source Operations Division

Exhibit A

Year	Engine	Application	Part Number
04-06	4.6L	04-10 F150 4.6L	1687S
02-05	4.6L	02-05 EXPLORER 4.6L	1678S
1998	4.6L	98 COBRA 4.6L	1625S-6
11-14	5.0L	Mustang GT, Boss 302	1685S
94-95	5.0L	94-95 MUSTANG 5.0L 1-5/8"	1624S-4
87-95	5.0L	87-95 FORD TRUCK 5.0L	1627S
86-93	5.0L	86-93 MUSTANG 5.0L 1-5/8"	1624S-2
86, 96	5.0L	86, 96 FORD TRUCK 5.0L	1627S-1
79-95	5.0L	1979-1995 FORD PASSENGER CARS	1620, 1621, 1624
79-85	5.0L	79-85 MUSTANG GT 5.0L	1621S
1996	5.0L	1996 FORD TRUCKS 5.0L	1667
66-96	5.0L, 5.8L	1966-1996 TRUCKS 5.0L, 1966-1986 TRUCKS 5.8L	1627
99-04	5.4L	99-04 EXCURSION/SD 5.4L	1679S-1
99-04	5.4L	99-04 EXCURSION/SD 5.4L	1679S-2
99-04	5.4L	99-04 FORD LIGHTNING 5.4L	1679S-3
99-02	5.4L	99-02 NAVIGATOR 5.4L (32V)	1679S-4
97-06	5.4L	97-06 FORD TRUCKS 5.4L	1676, 1679
97-03	5.4L	97-03 FORD TRUCK 5.4L	1679S
04-10	5.4L	04-10 F150 5.4L 3V	1676S
04-10	5.4L	07-10 F150 5.4L 3V	D6659
05-10	5.4L	05-07 Ford F-250 5.4	1676S-1
93-95	5.8L	93-95 FORD LIGHTNING 5.8L	1628S-2
87-96	5.8L	87-96 FORD TRUCK 5.8L HD	1628S-3
87-96	5.8L	87-96 FORD TRUCK 5.8L HD	1628S-4
86-96	5.8L	86-96 FORD TRUCK 5.8L	1628S
77-96	5.8L	77-96 FORD TRUCKS 5.8L	1628
97-06	6 CYL	97-06 FORD TRUCKS 6 CYL	1672
99-04	6.8L	99-04 FORDTRUCK/EXCUR V-10	1669S
99-04	6.8L	99-04 FORDTRUCK/EXCUR V-10	1669S-1
05-10	6.8L	05-08 FORD TRUCK V-10	1670S
98-08	10 CYL	98-08 FORD TRUCK 10 CYL	1669, 1670

Exhibit A

Year	Engine	Application	Part Number
00-04	2.0L	00-04 FOCUS/ESCAPE 2.0 ZETEC	1680S
88-90	2.9L	88-90 RANGER/BRONCO II 2.9L	1632S
88-90	2.9L	88-90 RANGER/BRONCO II 2.9L	1632S-1
86-91	2.9L	1986-91 RANGER/BRONCO II 2.9L	1630, 1632
86-87	2.9L	86-87 RANGER/BRONCO II 2.9L	1630S
66-77	289-351 CID	66-77 FORD TRUCKS 289-351 CID	1660
65-73	289-351 CID	65-73 FORD MUSTANG/COUGER 289-351 CID	1650-1653
98-01	3.0L	98-01 FORD RANGER 3.0L V-6	1647S
95-97	3.0L	95-97 RANGER 3.0L	1646S-1
91-93	3.0L	91-93 RANGER/MAZDA B3000 3.0L	1646S
91-06	3.0L	91-06 FORD TRUCKS 3.0L	1646, 1647
02-08	3.0L	02-09 FORD RANGER 3.0L V-6	1647S-1
11-14	3.7	11-13 Mustang 3.7 V6	1618S
99-04	3.8L	99-04 MUSTANG 3.8L	1619S-1
99-04	3.8L	99-04 MUSTANG 3.8L	1619S-4
94-98	3.8L	94-98 MUSTANG 3.8L W/O AIR INJ	1619S
94-98	3.8L	1994-1998 FORD PASSENGER CAR	1619
1998	3.8L	98 MUSTANG 3.8L W/AIR INJ	1619S-3
99-06	4 Cyl	99-06 FORD PASSENGER CAR 4 Cyl	1680
98-00	4.0L	98-00 RANGER/EXP 4.0L	1634S-2
98-00	4.0L	98-00 RANGER/EXP 4.0L W/EGR	1634S-3
97-11	4.0L	97-09 RANGER/EXPL 4.0L SOHC	1674S-1
95-98	4.0L	95-98 EXPLORER 4.0L V-6	1634S-1
95-97	4.0L	95-97 RANGER 4.0L V-6	1634S
95-06	4.0L	95-06 FORD TRUCKS 4.0L	1634
90-94	4.0L	90-94 EXPLORER/RANGER 4.0L	1633S-1
00-06	4.0L	98-06 EXPLORER/RANGER 4.0L OHC	1674
05-10	4.0L	05-10 FORD MUSTANG V6 4.0L	1617S
00-11	4.0L	00-09 RANGER/EXPL 4.0L SOHC	1674S
05-10	4.0L	05-10 FORD PASSENGER CAR V6	1617
03-11	4.0L	03-09 RANGER/EXPL 4.0L SOHC	1674S-2
97-03	4.2L	97-03 FORD TRUCK 4.2L V-6	1672S
94-97	4.6L	1994-1997 FORD PASSENGER CARS 4.6L	1626
99-04	4.6L	99-04 COBRA 4.6L	1625S-7
99-04	4.6L	99-04 MUSTANG GT 4.6L (2V)	1625S-9
97-06	4.6L	97-06 FORD TRUCKS 4.6L	1677, 1678, 1687
97-03	4.6L	97-03 FORD TRUCK 4.6L	1677S
96-98	4.6L	96-98 MUSTANG 4.6L 1-5/8"	1625S-8
96-97	4.6L	96-97 COBRA 4.6L	1625S-5
96-06	4.6L	1996-2006 PASSENGER CARS 4.6L	1625, 1675
96-04	4.6L	96-04 FORD PASSENGER CARS	1625S
94-97	4.6L	94-97 T-BIRD / COUGAR 4.6L	1626S
04-10	4.6L	04-10 FORD TRUCKS 4.6L	1687
05-10	4.6L	05-10 MUSTANG 4.6L 3V 1-5/8"	1675S
05-10	4.6L	05-10 MUSTANG 4.6L 3V 1-5/8"	D6682