

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-269-48

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

K&N Engineering  
Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems

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 Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems, produced and marketed by K&N Engineering of 1455 Citrus Ave., Riverside, California 92507, 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 vehicles listed in the attached Exhibit A.

The Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems include the following main components: open-element reusable air filter, intake system tubing, assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems 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 Fuel Injection Performance Kit, 77 Series, Blackhawk, and Typhoon Intake Systems, 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 shall not apply to any Fuel Injection Performance Kit, 77 Series, Blackhawk, or Typhoon Intake System advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems using any identification other than that shown in this Executive Order or marketing of the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems 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 Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (US06), and an examination of the On-Board Diagnostic II (OBD II) systems. A 2014 Ford Mustang GT with a 5.0 liter engine (EFMXV05.0VD5, LEV-II ULEV) was used for the evaluation of the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems. Results from emissions testing conducted at Automotive Testing and Development Services, Inc., are shown below (in grams per mile):

US06		NMHC + NOx	CO
	Emission Level	0.016	0.978
	STD	0.14	8.0

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems do not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems meet the criteria for exempting general criteria parts.

The ARB 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. Further, if test results or other evidence provides the ARB with reason to suspect that the Fuel Injection Performance Kits, 77 Series, Blackhawk, and Typhoon Intake Systems will affect the durability of emission control systems, K&N Engineering shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

**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 K&N ENGINEERING FUEL INJECTION PERFORMANCE KITS, 77 SERIES, BLACKHAWK, AND TYPHOON INTAKE SYSTEMS.**

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 22 day of June 2015.

A handwritten signature in black ink, appearing to read "Annette Hebert". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

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

Exhibit A

E.O. D-269-48

1st P/N	2nd P/N	Model Years	Make	Model	Engine	EngineType	Disp.	Remarks
57-2561	77-2561KP	2004-2011	Ford	Ranger	V6-4.0L	V6	4.0L	
57-2561	77-2561KP	2004-2009	Mazda	B4000	V6-4.0L	V6	4.0L	
57-2572	N/A	2005-2008	Ford	F-150	V6-4.2L	V6	4.2L	
57-2575	N/A	2009-2010	Ford	F-150	V8-5.4L	V8	5.4L	
57-2575	N/A	2007-2014	Ford	Expedition	V8-5.4L	V8	5.4L	
57-2575	N/A	2007-2014	Lincoln	Navigator	V8-5.4L	V8	5.4L	
57-2578	N/A	2011-2014	Ford	Mustang	V8-5.0L	V8	5.0L	
57-2579	N/A	2010-2014	Ford	Mustang Shelby GT500	5.4L	5.4L		
57-2580	77-2580KP	2009-2010	Ford	F-150	V8-4.6L	V8	4.6L	
57-2581	77-2581KP	2011-2014	Ford	F-150	V8-5.0L	V8	5.0L	
57-2582	71-2582	2011-2014	Ford	F-250	V8-6.7L	V8	6.7L	
57-2582	71-2582	2011-2014	Ford	F-350	V8-6.7L	V8	6.7L	
57-2582	71-2582	2011-2014	Ford	F-450	V8-6.7L	V8	6.7L	
57-2582	71-2582	2011-2014	Ford	F-550	V8-6.7L	V8	6.7L	
57-2583	N/A	2011-2014	Ford	F-150	V6-3.5L EcoBoost	V6	3.5L EcoBoost	Excluding 2006-2009 test groups 6FMXV02.31ZA, 7FMXV02.3VZT, 8FMXV02.3VZT, 9FMXV02.3VZT.
57-2584	77-2584KP	2011-2012	Ford	F-150	V8-6.2L	V8	6.2L	
57-2585	N/A	2013-2014	Ford	Fusion	L4-2.0L EcoBoost	L4	2.0L EcoBoost	Excluding 2012-2014 test groups CFMXV02.0VZ2, DFMXV02.0VZ2, EFMXV02.0VZ2.
69-3514TTK	N/A	2006-2012	Ford	Fusion	L4-2.3L	L4	2.3L	
69-3517TS	N/A	2012-2014	Ford	Focus	L4-2.0L	L4	2.0L	
69-3518TS	N/A	2013-2014	Ford	Focus ST	L4-2.0L Turbo	L4	2.0L Turbo	
69-3520TP	N/A	2003-2005	Ford	Thunderbird	V8-3.9L	V8	3.9L	
69-3520TP	N/A	2003-2006	Lincoln	LS	V8-3.9L	V8	3.9L	
69-3528TS	N/A	2010-2012	Ford	Taurus	V6-3.5L	V6	3.5L	
69-3529TP	N/A	2011-2014	Ford	Mustang	V6-3.7L	V6	3.7L	
69-3530TS	N/A	2011-2013	Ford	Fiesta	L4-1.6L	L4	1.6L	
69-3531TS	N/A	2011-2014	Ford	Taurus SHO	V6-3.5L	V6	3.5L	
69-3531TS	N/A	2013-2014	Ford	Explorer	V6-3.5L	V6	3.5L	
69-3532TTK	N/A	2004-2011	Ford	Crown victoria	V8-4.6L	V8	4.6L	

Exhibit A

1st P/N	2nd P/N	Model Years	Make	Model	Engine	EngineType	Disp.	Remarks
69-3532TTK	N/A	2004-2011	Mercury	Grand Marquis	V8-4.6L	V8	4.6L	
69-3533TTK	N/A	2014	Ford	Fusion	L4-2.5L	L4	2.5L	
69-6012TS	N/A	2010-2013	Mazda	Mazdaspeed 3	L4-2.3L Turbo	L4	2.3L Turbo	
77-2570KTK	N/A	1997-2013	Ford	E-150	V8-5.4L	V8	5.4L	
77-2570KTK	N/A	1997-2014	Ford	E-250	V8-5.4L	V8	5.4L	
77-2570KTK	N/A	1997-2014	Ford	E-350	V8-5.4L	V8	5.4L	
77-2570KTK	N/A	1997-2014	Ford	E-350	V10-6.8L	V10	6.8L	
77-2570KTK	N/A	2000-2012	Ford	E-450	V8-5.4L	V8	5.4L	
77-2570KTK	N/A	1997-2011	Ford	E-450	V10-6.8L	V10	6.8L	
77-2570KTK	N/A	2002-2003	Ford	E-550	V10-6.8L	V10	6.8L	
77-2575KS	N/A	2011-2014	Ford	Explorer	V6-3.5L	V6	3.5L	
77-2576KTK	N/A	2013-2014	Ford	Flex	V6-3.5L	V6	3.5L	
77-2576KTK	N/A	2013-2014	Ford	Taurus	V6-3.5L	V6	3.5L	
77-2578KS	N/A	2009-2012	Ford	Flex	V6-3.5L	V6	3.5L	
77-2579KTK	N/A	2010-2014	Ford	F-150 SVT Raptor	V8-6.2L	V8	6.2L	
77-2582KTK	N/A	2011-2014	Ford	F-250	V8-6.2L	V8	6.2L	
77-2583KS	N/A	2011-2013	Ford	Edge	V6-3.5L	V6	3.5L	
77-2583KS	N/A	2011-2014	Ford	Edge	V6-3.7L	V6	3.7L	
77-2585KS	N/A	2012-2014	Ford	F-150	V6-3.7L	V6	3.7L	
77-2586KS	N/A	2012-2014	Ford	Edge	L4-2.0L EcoBoost	L4	2.0L EcoBoost	
71-2556	N/A	2004-2008	Ford	f-150	V8-5.4L	V8	5.4L	
71-2556	N/A	2005	Ford	Expedition	V8-5.4L	V8	5.4L	
71-2556	N/A	2006-2008	Lincoln	Mark LT	V8-5.4L	V8	5.4L	
71-2576	N/A	2008-2010	Ford	F-250	V8-6.4L	V8	6.4L	
71-2576	N/A	2008-2010	Ford	F-350	V8-6.4L	V8	6.4L	
71-2576	N/A	2008-2010	Ford	F-450	V8-6.4L	V8	6.4L	
57-2587	N/A	2014	Ford	Fiesta St	L4-1.6L Turbo	L4	1.6L Turbo	
69-6033TTK	N/A	2013-2014	MAZDA	3 SKYACTIVE	L4-2.0L	L4	2.0L	