

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-269-49

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 Avenue, 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 GM 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 Chevy Camaro equipped with a 3.6 liter engine (EGMJ03.6165, LEV-II LEV) 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	0.0415	0.238
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 13 day of July 2015.

A handwritten signature in cursive script, appearing to read "Annette Hebert".

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

1st P/N	2nd P/N	3rd P/N	Model-Year	Make	Model	Engine	Remarks
57-3078	69-4523TP	N/A	2012-2014	Chevrolet	Camaro	V6-3.6L	
57-3070	77-3070KP	71-3070	2009-2014	Cadillac	Escalade	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2014	Cadillac	Escalade ESV	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2013	Cadillac	Escalade EXT	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2013	Chevrolet	Silverado	V8-4.8L	
57-3070	77-3070KP	71-3070	2012-2013	Chevrolet	Silverado	V8-5.3L	
57-3070	77-3070KP	71-3070	2012-2013	Chevrolet	Silverado	V8-6.2L	
57-3070	77-3070KP	71-3070	20122009	Chevrolet	Tahoe	V8-4.8L	
57-3070	77-3070KP	71-3070	2009-2014	Chevrolet	Tahoe	V8-5.3L	
57-3070	77-3070KP	71-3070	2009	Chevrolet	Tahoe	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2014	Chevrolet	Suburban	V8-5.3L	
57-3070	77-3070KP	71-3070	2009-2013	Chevrolet	Suburban	V8-6.0L	
57-3070	77-3070KP	71-3070	2009-2013	Chevrolet	Avalanche	V8-5.3L	
57-3070	77-3070KP	71-3070	2009	Chevrolet	Avalanche	V8-6.0L	
57-3070	77-3070KP	71-3070	2009-2013	GMC	Sierra	V8-4.8L	
57-3070	77-3070KP	71-3070	2012-2013	GMC	Sierra	V8-5.3L	
57-3070	77-3070KP	71-3070	2012-2013	GMC	Sierra	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2013	GMC	Sierra Denali	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2011	GMC	Yukon	V8-4.8L	
57-3070	77-3070KP	71-3070	2009-2014	GMC	Yukon	V8-5.3L	
57-3070	77-3070KP	71-3070	2011	GMC	Yukon	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2014	GMC	Yukon XL	V8-5.3L	
57-3070	77-3070KP	71-3070	2013-2014	GMC	Yukon XL	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2014	GMC	Yukon Denali	V8-6.2L	
57-3070	77-3070KP	71-3070	2009-2014	GMC	Yukon XL Denail	V8-6.2L	
57-3077	77-3077KP	N/A	2011-2014	Chevrolet	Silverado 2500HD	V8-6.6L Turbo Diesel	
57-3077	77-3077KP	N/A	2011-2014	Chevrolet	Silverado 3500HD	V8-6.6L Turbo Diesel	
57-3077	77-3077KP	N/A	2011-2014	GMC	Sierra 2500HD	V8-6.6L Turbo Diesel	
57-3077	77-3077KP	N/A	2011-2014	GMC	Sierra 3500HD	V8-6.6L Turbo Diesel	
57-3082	77-3082KP	71-3082	2014	Chevrolet	C15 Silverado XFE 2WD	V8-5.3L	

Exhibit A

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1st P/N	2nd P/N	3rd P/N	Model-Year	Make	Model	Engine	Remarks
57-3082	77-3082KP	71-3082	2014	Chevrolet	C15 Silverado 2WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	GMC	C15 Sierra XFE 2WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	GMC	C15 Sierra 2WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	Chevrolet	C15 Silverado 2WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	GMC	K15 Sierra 4WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	Chevrolet	K15 Silverado 4WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	Chevrolet	K15 Silverado 4WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	GMC	K15 Sierra 4WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	GMC	C15 Sierra 2WD	V8-5.3L	
57-3082	77-3082KP	71-3082	2014	Chevrolet	C15 Silverado 2WD	V8-6.2L	
57-3082	77-3082KP	71-3082	2014	Chevrolet	K15 Silverado 4WD	V8-6.2L	
57-3082	77-3082KP	71-3082	2014	GMC	C15 Sierra 2WD	V8-6.2L	
57-3082	77-3082KP	71-3082	2014	GMC	K15 Sierra 4WD	V8-6.2L	
57-3082	77-3082KP	71-3082	2015	GMC	Tahoe	V8-5.3L	
57-3082	77-3082KP	71-3082	2015	GMC	Yukon	V8-5.3L	
57-3082	77-3082KP	71-3082	2015	GMC	Yukon	V8-6.2L	
57-3082	77-3082KP	71-3082	2015	GMC	Yukon XL	V8-5.3L	
57-3082	77-3082KP	71-3082	2015	GMC	Yukon XL	V8-6.2L	
57-3082	77-3082KP	71-3082	2015	Chevrolet	Suburban	V8-5.3L	
57-3082	77-3082KP	71-3082	2015	Cadillac	Escalade	V8-6.2L	
57-3082	77-3082KP	71-3082	2015	Cadillac	Escalade ESV	V8-6.2L	
71-3058	N/A	N/A	2007-2008	Cadillac	Escalade	V8-6.2L	
71-3058	N/A	N/A	2007-2008	Cadillac	Escalade EXT	V8-6.2L	
71-3058	N/A	N/A	2007-2008	Cadillac	Escalade ESV	V8-6.2L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Avalanche	V8-5.3L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Avalanche	V8-6.0L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Silverado 1500	V8-4.8L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Silverado 1500	V8-5.3L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Silverado 1500	V8-6.0L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Suburban 1500	V8-5.3L	

Exhibit A

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1st P/N	2nd P/N	3rd P/N	Model-Year	Make	Model	Engine	Remarks
71-3058	N/A	N/A	2007-2008	Chevrolet	Suburban 1500	V8-6.0L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Tahoe	V8-4.8L	
71-3058	N/A	N/A	2007-2008	Chevrolet	Tahoe	V8-5.3L	
71-3058	N/A	N/A	2007-2008	GMC	Sierra 1500	V8-4.8L	
71-3058	N/A	N/A	2007-2008	GMC	Sierra 1500	V8-5.3L	
71-3058	N/A	N/A	2007-2008	GMC	Sierra 1500	V8-6.0L	
71-3058	N/A	N/A	2007-2008	GMC	Sierra Denali	V8-6.2L	
71-3058	N/A	N/A	2007-2008	GMC	Yukon	V8-4.8L	
71-3058	N/A	N/A	2007-2008	GMC	Yukon	V8-5.3L	
71-3058	N/A	N/A	2007-2008	GMC	Yukon Denali	V8-6.2L	
71-3058	N/A	N/A	2007-2008	GMC	Yukon XL 1500	V8-5.3L	
71-3058	N/A	N/A	2007-2008	GMC	Yukon XL 1500	V8-6.0L	
71-3058	N/A	N/A	2007-2008	GMC	Yukon XL 1500 Denali	V8-6.2L	
71-3066	N/A	N/A	2007-2010	Chevrolet	Silverado 2500HD	V8-6.6L Turbo Diesel	
71-3066	N/A	N/A	2007-2010	Chevrolet	Silverado 3500HD	V8-6.6L Turbo Diesel	
71-3066	N/A	N/A	2007-2010	GMC	Sierra 2500HD	V8-6.6L Turbo Diesel	
71-3066	N/A	N/A	2007-2010	GMC	Sierra 3500HD	V8-6.6L Turbo Diesel	
77-3071KS	N/A	N/A	2010-2011	Chevrolet	Equinox	L4-2.4L	
77-3071KS	N/A	N/A	2010-2011	GMC	Terrain	L4-2.4L	
57-3074	N/A	N/A	2010-2014	Chevy	Camaro SS	V8-6.2L	K&N retains OEM air box that incorporates the factory HC trap
57-3075	N/A	N/A	2010-2014	Chevy	Camaro	V6-3.6L	K&N retains OEM air box that incorporates the factory HC trap
77-3076KTK	N/A	N/A	2011-2013	Chevrolet	2500HD	V8-6.0L	
77-3076KTK	N/A	N/A	2011-2013	Chevrolet	3500HD	V8-6.0L	
77-3076KTK	N/A	N/A	2011-2013	GMC	2500HD	V8-6.0L	
77-3076KTK	N/A	N/A	2012-2013	GMC	3500HD	V8-6.0L	
77-3078KTK	N/A	N/A	2010-2012	Chevrolet	Equinox	V6-3.0L	

1st P/N	2nd P/N	3rd P/N	Model-Year	Make	Model	Engine	Remarks
77-3078KTK	N/A	N/A	2010-2012	GMC	Terrain	V6-3.0L	
57-3079	N/A	N/A	2014	Chevrolet	Camaro ZL1	V8-6.2L	
69-4522TS	N/A	N/A	2011-2012	Chevrolet	Cruze	L4-1.8L	
69-4527TS	N/A	N/A	2012	Cadillac	CTS	V6-3.0L	
69-4527TS	N/A	N/A	2012	Cadillac	CTS	V6-3.6L	
69-8432TS	N/A	N/A	2006-2009	Pontiac	Solstice	L4-2.4L	
69-8432TS	N/A	N/A	2007-2009	Saturn	Sky	L4-2.4L	
57-3069	N/A	N/A	2008-2010	Chevrolet	HHR	L4-2.0L	
69-4517TTK	N/A	N/A	2006-2008	Chevrolet	Cobalt SS	L4-2.4L	
69-4518TTK	N/A	N/A	2008-2010	Chevrolet	Colbalt SS	L4-2.0L Turbo	
69-4521TS	N/A	N/A	2011-2014	Chevrolet	Cruze	L4-1.4L	