

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-590-12

Relating to Exemptions Under Section 27156
of the California Vehicle Code

S&B Filters
Cold Air Intake Kit

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code (VC); 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 installation of the Cold Air Intake Kit, produced and marketed by S&B Filters of 15461 Slover Avenue, Fontana, California 92337, 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 Cold Air Intake Kit includes the following main components: open-element air filter (either oiled reusable or dry disposable), air filter box/housing, intake system tubing, crankcase ventilation hose (as applicable), assorted brackets, and hardware.

This Executive Order is valid provided that installation instructions for the Cold Air Intake Kit 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 Cold Air Intake Kit, as exempt by the ARB, 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 Cold Air Intake Kit 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 Cold Air Intake Kit using any identification other than that shown in this Executive Order or marketing of the Cold Air Intake Kit for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

This Executive Order does not constitute any opinion as to the effect the use of the Cold Air Intake Kit 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 Federal Test Procedure (FTP), Supplemental Federal Test Procedure (SFTP), and an examination of the On-Board Diagnostic II (OBD II) system. A 2015 Ford F150 equipped with a 2.7 liter turbocharged engine (test group FFMXT02.73JJ, LEV-III ULEV70) was used for the evaluation of the Cold Air Intake Kit. Results from emissions testing conducted at the SEMA Emissions Compliance Center of Diamond Bar, California, are shown below (in grams per mile):

2015 Ford F150 2.7L turbocharged

FTP	NMOG + NOx	CO
150,000 mi. Emission Level (DF applied)	0.070	0.5
STD	0.070	1.7
SFTP Composite		
150,000 mi. Emission Level (DF applied)	0.050	0.4
STD (BIN)	0.100	4.2

Emission test results in the modified configuration met the applicable certification standards. Examination of the OBD II system showed the Cold Air Intake Kit does not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Cold Air Intake Kit meets 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 Cold Air Intake Kit will affect the durability of emission control systems, S&B Filters 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 S&B FILTERS COLD AIR INTAKE KIT.

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 Executive Order. The Executive Order may be revoked only after a ten-day written notice of intention to revoke the Executive Order, in which period the holder of the Executive 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 Executive Order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 29 day of December 2016.

A handwritten signature in black ink, appearing to read "Annette Hebert". The signature is fluid and cursive, with a large initial "A" and "H".

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

Exhibit A

Part Number	Model Year	Make	Model	Engine	Comments
75-2538	2003 – 2004	Ford	Expedition	4.6L / 5.4L V8	All model trims, including but not limited to: pickup, 2wd, 4wd, SFE, FFV, single cab, super cab, extra cab, double cab and crew cab.
75-5016, 75-5016D	2005 – 2008	Ford	F150	5.4L V8	
	2006 – 2008	Lincoln	Mark LT	5.4L V8	
75-5022, 75-5022D	2007 – 2008	Ford	F150	4.6L V8	
75-5050, 75-5050D	2009 – 2010	Ford / Lincoln	F150 / Navigator	5.4L V8	
75-5067, 75-5067D	2011 – 2014	Ford	F150	3.5L V6 turbocharged	
75-5076, 75-5076D	2011 – 2014	Ford	F150	5.0L V8	
75-5077, 75-5077D	2010 – 2014	Ford	F150	6.2L V8	
75-5081, 75-5081D	2015 – 2016	Ford	F150	2.7L / 3.5L V6 turbocharged	
75-5083, 75-5083D	2015 – 2016	Ford	F150	5.0L V8	