

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-590-5

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

S&B Filters  
Cold Air Intake System

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 Cold Air Intake System, 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 Exhibit A.

The Cold Air Intake System includes the following main components: An open-element air filter (either an oiled reusable or a dry disposable), heat shield (as applicable), intake system tubing, crankcase ventilation hose (as applicable, which may be silicone, and a color other than black), assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Cold Air Intake System 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 System, 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 Cold Air 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 Cold Air Intake System using any identification other than that shown in this Executive Order or marketing of the Cold Air Intake System 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 Cold Air Intake System units may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previous emission test results (Executive Order D-590-2) in the modified configuration using the Cold-Start Federal Test Procedure, Supplemental Federal Test Procedure (US06), and an examination of the On-Board Diagnostic II (OBD II) system. A 2008 GM Chevrolet Suburban (8GMXT05.3381, LEV-II ULEV) was used for the evaluation of the Cold Air Intake System. Results from emissions testing conducted at the Automotive Testing and Development Services, are shown below (in grams per mile):

2008 GM Chevrolet Suburban

FTP	120k	NMOG	CO	NOx	HCHO
	Emission Level	0.034	1.227	0.012	0.0004
	(w. DF applied)				
	STD	0.070	2.1	0.04	0.011
US06	NMHC + NOx	CO			
	Meas.	0.0328	0.959		
	STD	0.4	10.5		

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Cold Air Intake System does not affect OBD II operation.

If evidence provides the ARB with reason to suspect that the Cold Air Intake System 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.


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.

**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 S&B FILTERS' COLD AIR INTAKE SYSTEM.**

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 12<sup>th</sup> day of July 2012.

  
Annette Hebert, Chief  
Mobile Source Operations Division

P/N	MFR	VEHICLE
75-5008	Chrysler	2005-2008 Chrysler 300C/SRT-8, Dodge Charger, Daytona, R/T, SRT8: Magnum, R/T, SRT8 5.7L, 6.1L V8
75-5008D	Chrysler	2005-2008 Chrysler 300C/SRT-8, Dodge Charger, Daytona, R/T, SRT8: Magnum, R/T, SRT8 5.7L, 6.1L V8
75-5025	Chrysler	2007-2011 Jeep Wrangler Unlimited X, Sahara, Rubicon 3.8L V6
75-5025D	Chrysler	2007-2011 Jeep Wrangler Unlimited X, Sahara, Rubicon 3.8L V6
75-2538	Ford	2003-2004 Ford Expedition 4.6L & 5.4L V8
75-5016	Ford	2005-2008 Ford F150 5.4L V8: 2006-2008 Lincoln Mark LT 5.4L V8
75-5016D	Ford	2005-2008 Ford F150 5.4L V8: 2006-2008 Lincoln Mark LT 5.4L V8
75-5022	Ford	2007-2008 Ford F150 4.6L V8
75-5022D	Ford	2007-2008 Ford F150 4.6L V8
75-5050	Ford	2009-2010 Ford: F-150; Lincoln Navigator 5.4L
75-5050D	Ford	2009-2010 Ford: F-150; Lincoln Navigator 5.4L
75-5021	GM	2007-2008 Chevrolet/GMC Silverado 1500/Sierra 1500 V8 4.8L, 5.3L, 6.0L
75-5021D	GM	2007-2008 Chevrolet/GMC Silverado 1500/Sierra 1500 V8 4.8L, 5.3L, 6.0L
75-5036	GM	1999-2006 Chevrolet Avalanche, Silverado, Suburban, Tahoe 1500 & 2500, GMC Sierra, Yukon 1500 & 2500 4.8L, 5.3L, 6.0L
75-5036	GM	2002-2006 Cadillac Escalade 4.8L, 5.3L, 6.0L
75-5036	GM	2007 Chevrolet Silverado 1500 Classic 4.8L, 5.3L, 6.0L
75-5036D	GM	1999-2006 Chevrolet Avalanche, Silverado, Suburban, Tahoe 1500 & 2500, GMC Sierra, Yukon 1500 & 2500 4.8L, 5.3L, 6.0L
75-5036D	GM	2002-2006 Cadillac Escalade 4.8L, 5.3L, 6.0L
75-5036D	GM	2007 Chevrolet Silverado 1500 Classic 4.8L, 5.3L, 6.0L
75-5042	GM	2007-2008 Cadillac: Escalade; Chevrolet: Avalanche, Suburban 1500, Tahoe; GMC: Yukon, Yukon XL, Yukon Denali 4.8L, 5.3L, 6.0L, 6.2L
75-5042D	GM	2007-2008 Cadillac: Escalade; Chevrolet: Avalanche, Suburban 1500, Tahoe; GMC: Yukon, Yukon XL, Yukon Denali 4.8L, 5.3L, 6.0L, 6.2L
75-6012	Nissan	2004-2007 Nissan Titan, Armada, Pathfinder, Infinity Q56 5.6L V8
75-6012D	Nissan	2004-2007 Nissan Titan, Armada, Pathfinder, Infinity Q56 5.6L V8