## State of California AIR RESOURCES BOARD

#### EXECUTIVE ORDER D-590-2

### 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 787 S. Wanamaker Ave., Ontario, California 91761, 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: open-element reusable air filter, 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 emission test results 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 Emission Level (w. DF applied)	NMOG 0.034	CO 1.227	NOx 0.012	HCHO 0.0004
	STD	0.070	2.1	0.04	0.011
US06			O 959 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

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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 \_\_\_\_\_\_ day of October 2009.

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Annette Hebert, Chief Mobile Source Operations Division

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P/N	MFR	VEHICLE
75-1529	Chrysler	2002-2004 Dodge Ram 1500 4.7L
75-1530-1	Chrysler	2002-2003 Dodge Ram 5.9L V8
75-1531	Chrysler	2003-2004 Chrysler PT Cruiser TURBO
75-1532	Chrysler	2003-2006 Dodge Ram 2500 & 3500 5.9L Cummins
75-1533	Chrysler	2003-2004 Dodge Ram Hemi 5.7L
75-1534	Chrysler	2005-2007 Dodge Ram Hemi 5.7L
75-5025	Chrysler	2007 Jeep Wrangler 3.8L V6
75-5033	Chrysler	2003-2007 Dodge Ram 3500/3500 5.9L I6
75-2503	Ford	1988-1995 Ford F-150, F-250, F-350, Bronco 4.9L, 5.0L, 5.8L, 7.5L
75-2519-3	Ford	1996-2004 Ford Mustang GT 4.6L, excludingt Bullet
75-2546	Ford	2003-2006 Ford Excursion, F-Series Super Duty 6.0L
75-2556-1	Ford	2005-2006 Ford F150 Pick-up 5.4L V8
		2005-2006 Ford Mustang GT 4.6L V8, for 2005 models not equipped
		with HC adsorber, permitted Ford intake part numbers 6R33-9C662-
{		BG (manual trans) or 6R33-9C662-CG (auto trans), manufactured
75-5003	Ford	prior to April 2005.
75-5016	Ford	2005-2006 Ford F150 Pick-up 5.4L V8
75-5020	Ford	2006 Ford F150, 4.6L V8
75-5022	Ford	2007 Ford F150 Pick-up, 4.6L V8
75-5023	Ford	2004 Ford F150 Pick-up 5.4L V8
		1999-2006 Chevrolet/GMC Avalance, Silverado, Suburban, Tahoe,
75-3023-1	GM	Denali, Sierra Trucks 4.8L, 5.3L, 6.0L
75-3030-1	GM	2001-2005 Chevrolet/GMC Trucks 8.1L
75-3034	GM	2001-2004 Chevrolet/GMC Truck LB7 Duramax Diesel
75-3035	GM	2001-2004 Chevrolet Corvette V8, excluding 2003-2004 Z06
75-5006-1	GM	2004-2005 Chevrolet/GMC Trucks LLY Duramax Diesel
75-5011	GM	2001-2006 WorkHorse Motorhome GM 8.1L
75-5013-1	GM	2006-2007 Chevrolet/GMC Trucks LLY-LBZ Duramax Diesel
75-5021	GM	2007 Chevrolet/GMC Silverado/Sierra Trucks 4.8L, 5.3L, 6.0L
75-9015-1	Toyota	1999-2003 Toyota Tacoma/4Runner 3.4L V6