

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-590

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

S&B Filters  
High Performance Cold Air Intake Kit

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 High Performance Cold Air Intake Kit, 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 High Performance Cold Air Intake Kit 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 High Performance 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 High Performance Cold Air Intake Kit, 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 High Performance 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 High Performance Cold Air Intake Kit using any identification other than that shown in this Executive Order or marketing of the High Performance 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 Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the High Performance Cold Air Intake Kit units may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on an examination of the On-Board Diagnostic II (OBD-II) system in the modified configuration, and an engineering evaluation of the emissions impact of the device if measured using the Cold-Start CVS-75 Federal Test Procedure. Furthermore, this Executive Order is granted based on emission test results in the modified configuration using the Supplemental Federal Test Procedure (SFTP USO6). Test data and engineering evaluation showed that the High Performance Cold Air Intake Kit will have no adverse impact on the vehicle's emissions or the OBD-II system monitoring. A 2003 Chrysler PT Cruiser with a 2.4 liter engine (3CRXV02.4VD0, LEV PC) was used for the evaluation of the High Performance Cold Air Intake Kit. Results from emissions testing conducted at Automotive Testing and Development Services, are shown below (in grams per mile):

	NMHC + NOx	CO
Emission Level	0.01	5.8
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 High Performance Cold Air Intake Kit does not affect OBD II operation.

If evidence provides the ARB with reason to suspect that the High Performance 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.


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' HIGH PERFORMANCE 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 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 24<sup>th</sup> day of June 2005.

  
Allen Lyons, Chief

Mobile Source Operations Division

P/N	MFR	Vehicle
75-1530-0	Chrysler	2002-2003 Dodge Ram 5.9L
75-1511-1	Chrysler	1994-2001 Dodge Ram 5.2L and 1994-2002 5.9L
75-1515-1	Chrysler	2001-2003 Chrysler PT-Cruiser L4-2.4L Non Turbo
75-1525	Chrysler	1994-2002 Dodge Cummins L6 5.9L 1997-1999 Dodge Dakota V8-5.2L; 1998-1999 V8-5.9L; 1998-1999
75-1509	Chrysler	Dodge Durango V8-5.2L, 5.9L
75-1518	Chrysler	1996-2001 Jeep Cherokee 4L 6CYL
75-1513-1	Chrysler	1999-2003 Jeep Grand Cherokee v8 4.7L
75-1514-1	Chrysler	1997-2003 Jeep Wrangler L6-4.0L
75-C500	Chrysler	2003 DODGE Ram Hemi 5.7L
75-C501	Chrysler	2004 PT Cruiser Turbo GT 1997-2002 Ford F-Series V8-4.6L, 5.4L Except Super Duty; 1997-2002 Expedition V8-4.6L, 5.4L; 1998-1999 Lincoln Navigator V8-5.4L SOHC
75-2514-4	FORD	2V
75-2503	FORD	1995 Ford P/UP w/o mass air sensor/Bronco 1995 5.0L
75-2530	FORD	1999-2003 Ford Power Stroke Diesel 7.3L
75-2519-3	FORD	1996-2003 Ford Mustang GT (except Bullet); V8-4.6L SOHC 2001-2002 Ford Explorer, Ranger; *2001-2002 Explorer Sport Trac; V6-
75-2529-1	FORD	4.0L SOHC (*Models with production date from 7/24/00)
75-2524-2	FORD	1999-2003 Ford F-Series Super Duty; 2000-2003 Excursion V10-6.8L
75-3013-2	GM	1996-1999 Chevrolet / GMC C/K Pickup V8-5.0L
75-3013-2	GM	1996-2000 Chevrolet / GMC C/K Pickup V8-5.7L
75-3013-2	GM	1996-2000 Chevrolet / GMC Suburban/Tahoe/Yukon V8-5.7L  1999-2003 Chevrolet /GMC/Cadillac - Silverado/Sierra V8-5.3L & V8-6.0L (exc. 1500 models); 2001 Silverado HD/ Sierra HD V8-6.0L (1500HD Models only); 2000-2002 Tahoe/Yukon V8-4.8L, 5.3L; 2000-2002 Suburban/Yukon XL V8-5.3L, 6.0L; 2001-2002 Yukon Denali
75-3023-1	GM	6.0L; 2002 Escalade V8-5.3L, 6.0L; 2002 Escalade Ext. V8-6.0L
75-3033	GM	2002-2003 Chevrolet Avalanche V8 5.3L
75-3026	GM	1988-1995 Chevrolet C/K Pickup V8-5.7L
75-3031-1	GM	2001-2003 Chevrolet Silverado 2500 & 3500 HD V8 6.0L 1996-2003 Chevrolet/GMC S10 Pickup & Blazer; S15 Sonoma & Jimmy
75-3017-2	GM	S-15; V6-4.3L
75-3011	GM	1994-1996 Chevrolet Impala, Caprice; V8-5.7L
75-3035	GM	1997-2001 Chevy Corvette V8
75-3025-1	GM	1998-2003 Chevy S-10 2.2L L4
75-3030-1	GM	2001-2003 Chevy/GMC P/U HD V8-8.1L
75-9006	TOYOTA	1988-1995 Toyota P/Up & 4Runner V6
75-9014-1	TOYOTA	2000-2002 Toyota Tundra V8 4.7L