

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-590-1

Relating to Exemptions Under Section 27156
of the California Vehicle Code

S&B Filters
Cold Air 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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Cold Air Intake Systems, marketed and produced by S&B Filters of 787 S. Wanamaker Avenue, Ontario, CA 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 the attached Exhibit A.

The Cold Air 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 Cold Air 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 Cold Air 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 Cold Air Intake Systems 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 Systems using any identification other than that shown in this Executive Order or marketing of the Cold Air 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 Cold Air Intake Systems 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 CVS-75 Federal Test Procedure, and an examination

of the On-Board Diagnostic II (OBD II) system. A 2006 Ford Mustang with a 4.0 liter V6 engine (6FMXV04.01FC, LEV-II ULEV) was used for the evaluation of the Cold Air Intake System. Results from emissions testing conducted at Automotive Testing and Development Services, Inc. (ATDS), of Ontario California, are shown below (in grams per mile):

ATDS CVS-75 FTP RESULTS

	50K				120K			
	NMOG	CO	NOx	HCHO	NMOG	CO	NOx	HCHO
RESULTS w. DF	0.0397	0.6238	0.033	0.000181	0.048	0.784	0.053	0.000181
STD	0.040	1.7	0.05	0.008	0.055	2.1	0.07	0.011

The vehicle was brought in to the Air Resources Board Haagen-Smit Laboratory (HSL), in El Monte California, for confirmatory testing. The results of the confirmatory testing are shown below (in grams per mile):

HSL CONFIRMATORY TEST RESULTS

	50K				120K			
	NMOG	CO	NOx	HCHO	NMOG	CO	NOx	HCHO
RESULTS w. DF	0.0308	0.77	0.027	0.000135	0.039	0.93	0.047	0.000135
STD	0.040	1.7	0.05	0.008	0.055	2.1	0.07	0.011

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 Systems will not affect OBD II operation.

If evidence provides the Air Resources Board with reason to suspect that the Cold Air Intake Systems 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 Air Resources Board 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 THE S&B FILTERS COLD AIR 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 19 day of September 2006.



Annette Hebert, Chief
Mobile Source Operations Division

P/N	Model-Year	Make	Model	Engine
75-5003	2005	Ford	Mustang GT	4.6L V8
75-2557	2003-2005	Ford	F150	4.6L V8
75-2556	2004-2005	Ford	F150	5.4L V8
75-2549	2001-2004	Ford	F150 Lightning/Harley	5.4L V8
75-2545	2003-2004	Ford	Mustang Cobra	4.6L V8
75-5004	2005-2006	Ford	Mustang	4.0L V6
75-5007	2005-2006	Chevrolet	Silverado, Sierra	4.8L, 5.3L V8
75-5008	2005-2006	Chrysler, Dodge	Magnum, 300C, Charger, Daytona	5.7L, 6.1L V8
75-6012	2004-2006	Nissan, Infinity	Titan, Armada, Q56	5.6L V8