

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-392-18

Relating to Exemptions under  
Section 27156 of the Vehicle Code

Advanced Engine Management, Inc.  
Cold Air System & Short Ram System

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That installation of the Cold Air System (CAS) and the Short Ram System (SRS) intake air kits, manufactured by Advanced Engine Management, Inc. of 2205 126<sup>th</sup> Street, Unit A, Hawthorne, California 90250, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems, and therefore, the CAS and the SRS intake air kits are exempt from the prohibitions in Section 27156 of the Vehicle Code for installation on the gasoline vehicles listed in Attachment A.

This exemption excludes all vehicles subject to the California LEV II Program exhaust emission standards and excludes certain vehicles subject to the Supplemental Federal Test Procedures and standards. The engine families (or test groups) excluded from this exemption are also identified in Attachment A.

The CAS and the SRS intake air kits include an open-element air filter, aluminum inlet tube(s), and assorted mounting brackets and hoses, including the positive crankcase ventilation breather hose in some applications.

This Executive Order is granted based on emissions and On-Board Diagnostic II (OBD II) System testing that Advanced Engine Management, Inc. conducted with its intake air kits. Test results showed that the intake air kits have no adverse impact on the vehicles' Federal Test Procedure (FTP) emissions or their OBD II Systems.

The ARB finds that reasonable grounds exist to believe that use of the intake air kits may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the Cold-Start CVS-75 FTP. Accordingly, the ARB reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the intake air kits adversely affect emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 FTP), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the ARB with reasons to suspect that the intake air kits will affect the durability of the emission control system, Advanced Engine Management, Inc. shall be required to submit durability data to show that the durability of the vehicle emission control system

is not, in fact, affected and/or that the add-on or modified parts demonstrate adequate durability.

This Executive Order is valid provided that installation instructions for the intake air kits do not recommend tuning the vehicles to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the intake air kits, as exempt by the ARB, which adversely affect the performance of the vehicles' emission control system, shall invalidate this Executive Order.

Marketing of the intake air kits using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

Exemption of the intake air kits shall not be construed as exemption to sell, offer for sale, or advertise any component of the kits as an individual device.

This Executive Order shall not apply to any intake air kits advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order does not constitute any opinion as to the effect the use of the intake air kits may have on any warranty either expressed or implied by the vehicle manufacturer.

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.

In addition to the foregoing, 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 California Code of Regulations, Title 13, 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 ADVANCED ENGINE MANAGEMENT, INC.'S COLD AIR SYSTEM AND SHORT RAM SYSTEM INTAKE AIR KITS.**

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 3<sup>RD</sup> day of December 2002.



Allen Lyons, Chief  
Mobile Source Operations Division

## Attachment A

CAS P/N	SRS P/N	Model-Year	Model	Engine
21-415	22-415	2002	Honda Accord	2.3L 4-cyl. VTEC F23A1, F23A4, F23A5 (excludes 2002 MY 2HNXV02.3RDA & 2HNXV02.3FK6)
21-416	22-416	2002	Honda Accord	3.0L V6 J30A1
21-416	22-416	2002-2003	Acura 3.2CL	3.2L VTEC J32A1
21-416	22-416	2002-2003	Acura TL	J32A1
21-419	--	2002-2003	Acura 3.2CL Type-S	3.2L VTEC J32A2 (2003 auto. only)
21-419	--	2002-2003	Acura TL Type-S	J32A2 (2003 auto. only)
21-422	--	2000-2001	Dodge Neon	2.0L SOHC
21-432	22-432	2001	Chrysler Sebring Coupe LXi	3.0L V6
21-432	22-432	2001	Dodge Stratus Coupe R/T	3.0L V6
21-433	--	2002	Mitsubishi Eclipse RS, GS	2.4L I-4 4G64
--	22-440	1992-1994	Nissan 240SX	KA24DE
--	22-441	1995-1998	Nissan 240SX	KA24DE
21-443	--	1989-1993	Nissan Sentra SE-R	SR20DE High Port
21-444	--	1993-1994	Nissan Sentra SE-R	SR20DE Low Port
21-449	--	2000-2001	Nissan Sentra SE	SR20DE
--	22-446	1995-1999	Chevy Cavalier Z24	2.4L
--	22-445	2000-2002	Chevy Cavalier Z24	2.4L
21-460	--	2000-2003	Toyota Celica GT-S	1.8L 2ZZ-GE
21-461	--	2000-2003	Toyota Celica GT	1.8L 1ZZ-FE
21-462	--	2000-2002	Toyota MR2 Spyder	1.8L 1ZZ-FE
--	22-463	1997-2001	Toyota Tacoma	4-cyl. 2.4L & 2.7L 2RZ-FE & 3RZ-FE
--	22-464	2001	Lexus IS300	3.0L 2JZGE
--	22-470	2000-2001	Subaru Impreza RS	2.5L
21-471	22-471	2002-2003	Subaru Impreza WRX	2.0L Turbo
--	22-480	1999-2000	Mazda Protégé	1.8L
--	22-480	2001-2003	Mazda Protégé	2.0L auto. only
--	22-480	2001-2003	Mazda Protégé5	2.0L auto. only
--	22-481	2001-2003	Mazda Protégé	2.0L manual only
--	22-481	2001-2003	Mazda Protégé5	2.0L manual only
--	22-481	2001	Mazda MP3	2.0L
--	22-482	2000-2003	Mazda Miata	1.8L manual only
21-490	--	1999.5-2001	Volkswagen GTI GLX	2.8L VR6
21-490	--	1999.5-2001	Volkswagen Jetta GLS/GLX	2.8L VR6
21-500	--	2002-2003	Honda Civic EX	1.7L D17A2 manual only
--	22-501	2001-2003	Honda Civic EX	1.7L D17A2 auto. & manual
21-502	--	2002-2003	Honda Civic DX, LX	1.7L D17A1 manual only
--	22-503	2001-2003	Honda Civic DX, LX	1.7L D17A1 auto. & manual
21-504	--	2000-2003	Honda S2000	F20C1

ADVANCED ENGINE MANAGEMENT, INC.  
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