

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-392-24

Relating to Exemptions under  
Section 27156 of the Vehicle Code

Advanced Engine Management, Inc.  
Air Induction Systems

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 air induction systems, 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 air induction systems are exempt from the prohibitions in Section 27156 of the Vehicle Code for installation on the vehicles listed in Attachment A.

This Executive Order excludes all vehicles subject to the California LEV II ULEV, LEV II SULEV, or lower Federal Test Procedure (FTP) exhaust emission standards. The test groups excluded from this Executive Order are also identified in Attachment A.

The air induction systems 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.

On 2003 and 2004 model-year 2.4 liter Honda Accord models, the cavity in the air box where the crankcase ventilation breather hose connects must be retained. The cavity is an emission control device used to trap oil and fuel vapor emissions.

This Executive Order is granted based on Cold-Start CVS-75 FTP emissions, Supplemental Federal Test Procedure (SFTP) emissions, and On-Board Diagnostic II (OBD II) System testing conducted by Advanced Engine Management, Inc. with its air induction systems installed. Test results showed that the air induction systems have no adverse impact on the vehicles' FTP or SFTP exhaust emissions or their OBD II Systems.

If evidence provides the ARB with reasons to suspect that the air induction systems 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 air induction systems 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 air induction systems, as exempt by the ARB, which adversely affect the performance of the vehicles' emission control system, shall invalidate this Executive Order.

Marketing of the air induction systems 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 air induction systems shall not be construed as exemption to sell, offer for sale, or advertise any component of the systems as an individual device.

This Executive Order shall not apply to any air induction systems 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 air induction systems 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 AIR INDUCTION SYSTEMS.**

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 20<sup>TH</sup> day of September 2004.



Allen Lyons, Chief  
Mobile Source Operations Division

## Attachment A

Advanced Engine Management, Inc. – Air Induction Systems				
Cold Air System	Short Ram System	Model Year	Model	Engine
21-425	22-425	2003-2004	Dodge Neon SRT-4	2.4L A855
21-432	22-432	2000-2004	Mitsubishi Eclipse GT	3.0L V-6 6G72
21-447	--	1998-2002	Chevrolet Cavalier	2.2L I-4
21-451	22-451	2002-2004	Ford Focus SVT	2.0L Zetec
21-474	22-474	2002-2004	Subaru Impreza WRX	2.0L turbo.
21-474	22-474	2004	Subaru Impreza WRX STi	2.5L turbo.
21-486	22-486	2003-2003.5	Mazdaspeed Protege	2.0L turbo.
21-493	--	1999.5-2004	Volkswagen GTI, Jetta	1.8L turbo., 1.9L turbo.
21-500	--	2001-2004	Honda Civic EX manual	D17A2
--	22-501	2001-2004	Honda Civic EX	D17A2
21-502	--	2001-2004	Honda Civic DX, LX manual	D17A1
--	22-503	2001-2004	Honda Civic DX, LX	D17A1
--	22-505	2002-2004	Acura RSX	K20A3
--	22-506	2002-2004	Acura RSX Type-S	K20A2
21-508	22-508	2002-2004	Honda Civic Si	2.0L K20A3
21-510	22-510	2003-2004	Honda Accord	3.0L V-6 J30A4, excluding 2003 MY LEV II ULEV 3HNXV03.0HB4, 2004 MY LEV II ULEV 4HNXV03.0HB4
21-511 <sup>1</sup>	22-511 <sup>1</sup>	2003-2004	Honda Accord, excluding LX-P model	2.4L 4-cyl. K24A4, excluding 2003 MY LEV II SULEV 3HNXV02.4KCP, 2004 MY LEV II SULEV 4HNXV02.4KCV
--	22-521	2003-2004	Hyundai Tiburon	2.7L V-6 DOHC MFI
21-547	--	2003-2004	Nissan 350Z	3.5L VQ35DE
21-548	--	2003	Infiniti G35	3.5L V-6
21-564 <sup>2</sup>	--	2000-2004	Toyota Celica GT	1.8L
21-632	--	2004	Saturn Ion	2.2L I-4 Ecotec
V2 Cold Air System		Model Year	Model	Engine
24-6005		1992-2001	Honda Prelude	2.2L and 2.3L

## Attachment A

Advanced Engine Management, Inc. – Air Induction Systems			
V2 Cold Air System	Model Year	Model	Engine
24-6015	1998-2002	Honda Accord	2.3L 4-cyl., excluding 2001 MY LEV II SULEV 1HNXV02.3BF9, 2002 MY LEV II SULEV 2HNXV02.3FK6
24-6033	2000-2003	Mitsubishi Eclipse RS & GS	2.4L
24-6100	2001-2004	Honda Civic EX manual	D17A2
24-6105 <sup>3</sup>	2002-2004	Acura RSX	K20A3
24-6106	2002-2004	Acura RSX Type-S	K20A2
24-6108	2002-2004	Honda Civic Si	2.0L K20A3
Brute Force Air Induction System	Model Year	Model	Engine
21-8013	2001-2003	Chevrolet Silverado 2500HD Chevrolet Silverado 3500 GMC Sierra 2500HD GMC Sierra 3500	6.5L V-8 diesel Duramax turbo.
21-8102	1999-2002	Ford F-series Super-Duty	7.3L V-8 diesel
21-8102	2000-2002	Ford Excursion	7.3L V-8 diesel turbo.
21-8104	2003	Ford Excursion Ford F-series Super-Duty	6.0L V-8 diesel (Navistar A325CF)
21-8105	1988-1993	Ford Mustang	5.0L V-8-302 MAF only
21-8107	2004	Ford F150 pick-up truck	5.4L V-8-330
21-8204	1998-2002	Dodge Ram	5.9L I-6 diesel turbo. (Cummins ISB)
21-8206	2003-2004	Dodge Ram	5.9L I-6 diesel (Cummins ISB)

## Notes:

- 1 On 2003 and 2004 MY 2.4 liter Honda Accords (CAS 21-511 and SRS 22-511), the cavity in the air box where crankcase ventilation breather hose connects must be retained. The cavity is an emission control device used to trap oil and fuel vapor emissions.
- 2 CAS 21-564 requires removal of the intake control solenoid valve and associated hoses used to control noise. It must be installed with AEM's new vacuum hose routing diagram.
- 3 V2 CAS 24-6105 includes a wiring extension kit for the intake air temperature sensor.