

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-392-29

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 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.

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.

This Executive Order is based on Cold-Start CVS-75 Federal Test Procedure tests, Supplemental Federal Test Procedure tests, and On-Board Diagnostic II System tests conducted by Advanced Engine Management, Inc. with the Air Induction Systems.

If evidence provides the Air Resources Board 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 Air Resources Board, 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 Air Resources Board.

Exemption of the Air Induction Systems shall not be construed as exemption to sell, offer for sale, or advertise any component of the system 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 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 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 9 day of July 2007.



Annette Hebert, Chief  
Mobile Source Operations Division

Advanced Engine Management, Inc. – Air Induction Systems				
Cold Air System	Short Ram System	Model Year	Model	Engine
--	22-435	2003-2006	Mitsubishi Lancer Evolution	2.0L turbocharged
21-437	--	2006	Mitsubishi Eclipse GT automatic transmission only	3.8L V6
21-438	--	2006	Mitsubishi Eclipse GT	3.8L V6
21-474	--	2006	Saab 9-2X	2.5L turbocharged
21-475	--	2006	Subaru Legacy, Outback	2.5L turbocharged
21-483	--	2003-2007	Mazda 6	3.0L V6
--	22-483	2003-2006	Mazda 6 automatic transmission only	3.0L V6
21-484	22-484	2003-2004	Mazda 6 automatic transmission only	2.3L
21-485	--	2004-2007	Mazda RX-8	1.3L 2RTR
21-491	--	2005-2007	Mazda 6	2.3L, excluding 2005 MY LEV II SULEV 5TKXV02.3NG1, 2006 MY LEV II SULEV 6TKXV02.3NG2, 2007 MY LEV II SULEV 7TKXV02.3NH1
21-492	--	1999.5-2005	Volkswagen Golf, GTI, Jetta	2.0L, excluding 2005 MY LEV II SULEV 5VWXV02.0227
21-500	--	2001-2005	Honda Civic EX manual transmission only	1.7L D17A2
--	22-501	2001-2005	Honda Civic EX	1.7L D17A2
21-502	--	2001-2005	Honda Civic DX/LX manual transmission only	1.7L D17A1
--	22-503	2001-2005	Honda Civic DX/LX	1.7L D17A1
--	22-505	2002-2006	Acura RSX	2.0L K20A3
21-507	--	2002-2006	Acura RSX base automatic transmission only	2.0L K20A3
21-510	--	2003-2006	Honda Accord	3.0L V6, excluding 2006 MY LEV II SULEV 6HNXV03.0WMC
21-515	--	2003-2006 <sup>1</sup>	Honda Element	2.4L K24A2
21-518	--	2007	Honda Fit manual transmission only	1.5L
21-521	22-521	2003-2007	Hyundai Tiburon	2.7L V6
21-532	--	2005	Chevrolet Cobalt	2.0L supercharged
21-545	--	2002-2006	Nissan Altima	3.5L V6

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Cold Air System	Short Ram System	Model Year	Model	Engine
21-546	--	2002-2006	Nissan Altima	2.5L, excluding 2004 MY LEV II SULEV 4NSXV02.585A, 2005 MY LEV II SULEV 5NSXV02.585A, 2006 MY LEV II SULEV 6NSXV02.585A
21-548	--	2003-2006	Infiniti G35	3.5L VQ35DE V6
21-549	--	2004-2006	Nissan Maxima	3.5L VQ35DE V6
21-567	--	2004-2005	Toyota Scion xB	1.5L
--	22-633	2004-2006	Saturn Ion Redline	2.0L I4 supercharged
21-640	--	2006-2007	Mazda MX-5	2.0L
V2 Cold Air System		Model Year	Model	Engine
24-6100		2001-2005	Honda Civic EX	1.7L D17A2
24-6105		2002-2006	Acura RSX	2.0L K20A3
24-6110		2003-2006	Honda Accord	3.0L V6, excluding 2006 MY LEV II SULEV 6HNXV03.0WMC
Brute Force Air Induction System		Model Year	Model	Engine
21-8000		2002-2005	Cadillac Escalade	5.3L V8
21-8000		2002-2006	Cadillac Escalade, Escalade EXT	6.0L V8
21-8000		2002-2006	Chevrolet Avalanche	5.3L V8
21-8000		1999-2006	Chevrolet/GMC Silverado/Sierra 1500	4.8L V8
21-8000		1999-2006	Chevrolet/GMC Silverado/Sierra 1500/2500	5.3L V8
21-8000		2001-2006	Chevrolet/GMC Silverado/Sierra 1500HD	6.0L V8
21-8000		1999-2006	Chevrolet/GMC Silverado/Sierra 2500HD	6.0L V8
21-8000		2000-2006	Chevrolet/GMC Tahoe/Yukon	4.8L V8
21-8000		2000-2006	Chevrolet/GMC Tahoe/Suburban/Yukon/Yukon XL	5.3L V8
21-8000		2000-2006	Chevrolet/GMC Suburban/Yukon XL	6.0L V8
21-8000		1999-2006	GMC Yukon Denali	5.3L V8
21-8000		2001-2006	GMC Yukon Denali	6.0L V8

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Brute Force Air Induction System	Model Year	Model	Engine
21-8000	2003-2006	Chevrolet Silverado SS	6.0L V8
21-8000	2007	Chevrolet Silverado SS Classic	6.0L V8
21-8000	2007	Chevrolet/GMC Silverado/Sierra Classic 1500	4.8L V8
21-8000	2007	Chevrolet/GMC Silverado/Sierra Classic 1500HD/2500HD	6.0L V8
21-8000	2007	Chevrolet/GMC Silverado/Sierra Classic 1500/2500	5.3L V8
21-8012	2003-2005	HUMMER H2	6.0L V8
21-8018	2006	HUMMER H3	3.5L I5
21-8023	2007	Chevrolet Tahoe/Suburban/Avalanche	5.3L V8
21-8103	1996-2004	Ford Mustang GT, excluding Bullitt	4.6L V8
21-8106	2004-2005	Ford F150	4.6L V8
21-8107	2004-2006	Ford F150	5.4L V8
21-8108	1997-2000	Ford Ranger	4.0L V6
21-8111	2005-2006	Ford Mustang	4.0L V6
21-8205	2002-2004	Dodge Ram Magnum	4.7L V8
21-8212	2006-2007	Dodge Ram	5.7L V8
21-8213	2005-2006	Chrysler 300C	3.5L V6
21-8214	2006	Dodge Ram	3.7L V6
21-8215	2005-2006	Dodge Ram Magnum	4.7L V8
21-8306	2005-2006	Jeep Grand Cherokee	5.7L V8
21-8306	2006	Jeep Commander	5.7L V8
21-8309	2004-2006	Jeep Liberty	3.7L V6
21-8310	2006	Jeep Commander	4.7L V8
21-8311	1997-2006	Jeep Wrangler	4.0L I6
21-8312	2007	Jeep Wrangler	3.8L V6

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Brute Force Air Induction System	Model Year	Model	Engine
21-8502	2004-2006	Nissan Titan, Armada, Infiniti QX56	5.6L V8
21-8503	2005-2006	Nissan Frontier manual transmission only	4.0L V6
21-8504	2005-2006	Nissan Frontier manual and automatic transmission	4.0L V6
21-8600	2006-2007	Honda Ridgeline	3.5L V6
AEM Brute Force HD Air Induction System	Model Year	Model	Engine
21-9021	2001-2004.5	Chevrolet/GMC 2500HD/3500HD	6.6L Duramax V8 Diesel
21-9022	2004.5-2005	Chevrolet/GMC 2500HD/3500HD	6.6L Duramax V8 Diesel
21-9024	2006-2007	Chevrolet/GMC 2500HD/3500HD	6.6L Duramax V8 Diesel
21-9113	2003-2006	Ford Super Duty	6.0L Power Stroke V8 Diesel
21-9210	1994-2002	Dodge Ram	5.9L Cummins V8 Diesel
21-9211	2003-2006	Dodge Ram	5.9L Cummins V8 Diesel

## Note:

- 1 CAS 21-515: On 2003 through 2006 MY 2.4 liter Honda Elements, the cavity at the inlet air tube where the crankcase ventilation breather hose connects must be retained. The cavity is an emission control device used to trap oil and fuel vapors.