

D-5.

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-392-19

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

The ARB finds that reasonable grounds exist to believe that use of the air induction systems 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 air induction systems 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conditions which are beyond the parameters of the Cold-Start CVS-75 FTP), this Executive Order shall be effectively rescinded as of the date the test results are validated.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 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 14<sup>TH</sup> day of May 2003.



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
21-420	--	1995-1999	Dodge Neon	2.0L DOHC
21-421	--	1993-1999	Dodge Neon	2.0L SOHC
21-434	--	2002	Mitsubishi Lancer	2.0L
21-451	22-451	2002-2003	Ford Focus SVT	2.0L DOHC Zetec
--	22-454	1999-2002	Mercury Cougar	2.5L V-6
21-466	22-466	2003	Toyota Matrix XRS	1.8L DOHC
21-469	22-469	2003	Toyota Corolla CE/S/LE	1.8L DOHC
21-509	22-509	2003	Acura CL Type-S 6MT	3.2L VTEC J32A2
21-520	--	1997-2001	Hyundai Tiburon	2.0L 4-cyl.
21-530	22-530	2002	Suzuki Aerio	2.0L
21-630	--	1995-1999	Saturn S-series	1.9L SOHC (manual only)
21-630	--	1991-1999	Saturn S-series	1.9L DOHC (manual only)
--	22-630	1995-2002	Saturn S-series	1.9L SOHC (auto. and manual)
--	22-630	1991-1999	Saturn S-series	1.9L DOHC (auto. and manual)
21-631	22-631	2000-2002	Saturn S-series	1.9L DOHC (auto. and manual)
PTS26-52040*	--	2004	Toyota Scion xA/xB	1.5L
V2 Cold Air System		Model-Year	Model	Engine
24-6013		1996-2000	Honda Civic CX/DX/LX	D16Y7
24-6014		1996-2000	Honda Civic EX	D16Y8
24-6017		1996-2000	Honda Civic Si	B16A2
Brute Force Air Induction System		Model-Year	Model	Engine
21-8000		1999-2003	Chevrolet/GMC Silverado, Sierra	4.8/5.3/6.0L V-8
21-8000		2000-2003	Chevrolet/GMC Tahoe, Suburban, Yukon, Yukon XL	4.8/5.3/6.0L V-8
21-8011^		1996-2000	Chevrolet/GMC C/K pick-up	5.0/5.7L V-8

## Attachment A

Advanced Engine Management, Inc. – Air Induction Systems			
Brute Force Air Induction System	Model-Year	Model	Engine
21-8011 <sup>^</sup>	1996-2000	Chevrolet/GMC Tahoe, Suburban, Yukon	5.7L V-8
21-8100	1997-2003	Ford Expedition, F-series pick-up trucks (excluding Super-Duty and Lightning trucks)	4.6/5.4L V-8
21-8100	1998-1999	Lincoln Navigator	5.4L V-8
21-8300	1997-2002	Jeep Wrangler	4.0L I-6
21-8400	1999-2002	Toyota 4-Runner, Tacoma	3.4L V-6
21-8401	2000-2002	Toyota Tundra	4.7L V-8 (2UZ-FE)
21-8401	2001-2002	Toyota Sequoia	4.7L V-8 (2UZ-FE)

- \* P/N PTS26-52040 includes an air bypass valve installed along the upper portion of the inlet pipe to allow air induction through the valve when the air filter becomes submerged in water.
- <sup>^</sup> P/N 21-8011 includes a wiring extension kit for the mass air flow sensor.