

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-706

Relating to Exemptions under
Section 27156 of the Vehicle Code

Redline
Short Ram 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 Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Short Ram Air Intake Systems, produced and marketed by Redline, a subsidiary of Pilot Automotive, 13000 Temple Avenue, City of Industry, California 91746, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems, and therefore, is exempt from the prohibitions in Section 27156 of the Vehicle Code for installation on those vehicles listed in the attached Exhibit A.

The Redline Short Ram Air Intake Systems include the following main components: open-element air filter, filter enclosure (as applicable), intake system tubing, crankcase ventilation hose (as applicable), assorted brackets, and hardware.

This Executive Order is valid provided that installation instructions for the Redline Short Ram Air Intake 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 Redline Short Ram Intake System, 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 Redline Short Ram Intake System using any 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 Redline Short Ram Air Intake System 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 Redline Short Ram Intake System 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 Redline Short Ram Air Intake Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previous emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (SFTP US06), and an examination of the On-Board Diagnostic II (OBD-II) system. A 2011 model-year Honda Civic 1.8 Liter (engine test group BHNXVO1.8HB9) was used for the evaluation. Results from emissions testing conducted at Automobile Club of Southern California, are shown below (in grams per mile):

FTP	50K	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>	<u>HCHO</u>
	Emission Level (Avg., DF applied)	0.029	0.426	0.02	0.0001
	STD	0.040	1.7	0.05	0.008
	120K	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>	<u>HCHO</u>
	Emission Level (Avg., DF applied)	0.037	0.466	0.0325	0.0001
	STD	0.055	2.1	0.07	0.011
US06		<u>NMHC + NOx</u>		<u>CO</u>	
	Emission Level	0.025		0.419	
	STD	0.140		8.0	

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Short Ram Air Intake Systems do not affect OBD II operation.

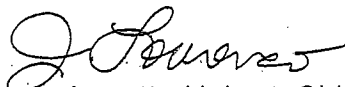
The Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of California Code of Regulations, Title 13, Section 2222, et seq. Further, if test results or other evidence provides the ARB with reason to suspect that the Redline Short Ram Air Intake System will affect the durability of emission control systems, Redline 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 parts demonstrate adequate durability.

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 REDLINE'S SHORT RAM 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 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 28th day of March 2013.



Annette Hebert, Chief
Mobile Source Operations Division

Exhibit A

Make	Model	Model Year	DISP (L)	Part Number	Remarks
Cadillac	Escalade, EXT	2002-2006	5.3	RLK-3003	
Cadillac	Escalade, ESV	2002-2006	6	RLK-3003	
Chevrolet	Avalanche	2002-2006	5.3	RLK-3003	
Chevrolet	Silverado	1999-2006	4.8	RLK-3003	
Chevrolet	Silverado	2007	4.8, 5.3, 6.0	RLK-3003	
Chevrolet	Silverado	2001-2005	6	RLK-3003	
Chevrolet	Silverado	1999-2006	5.3, 6.0	RLK-3003	
Chevrolet	Silverado SS	2003-2007	6	RLK-3003	
Chevrolet	Tahoe	2000-2006	4.8, 5.3, 6.0	RLK-3003	
Chevrolet	Suburban	2000-2006	5.3, 6.0	RLK-3003	
Chevrolet	Blazer	1996-2003	4.3	RLK-3004	
Chevrolet	S10	1996-2006	4.3	RLK-3004	
GMC	Sierra 1500	1999-2006	4.8	RLK-3003	
GMC	Sierra 1500, 2500	2007	4.8, 5.3, 6.0	RLK-3003	
GMC	Sierra 1500HD, 2500HD	2001-2005	6	RLK-3003	
GMC	Sierra 2500	1999-2006	5.3, 6.0	RLK-3003	
GMC	Yukon, XL	2000-2006	4.8, 5.3	RLK-3003	
GMC	Yukon Denali	2001-2004	6	RLK-3003	
GMC	Jimmy	1996-2003	4.3	RLK-3004	
GMC	Sonoma	1996-2003	4.3	RLK-3004	
Ford	Expedition	1994-2004	4.6, 5.4	RLK-3008	
Ford	F150, F250, F350	1997-2003	4.6, 5.4	RLK-3008	
Ford	F250, F350	1999-2004	7.3	RLK-3009	
Ford	Excursion	1999-2004	7.3	RLK-3009	
Ford	Mustang	2005*-2006	4.6	RLK-3010	* Only 2005 MY built after 4/30/2005.
Ford	F150	2004-2008	5.4	RLK-3011	
Lincoln	Navigator	1998-1999	5.4	RLK-3008	
Lincoln	Mark LT	2006-2008	5.4	RLK-3011	
Dodge	RAM 1500, 2500	1991-2001	5.2, 5.9	RLK-3012	