

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-446
Relating to Exemptions Under Section 27156
of the Vehicle Code

KNIGHT ENGINEERING
ICEMAN COOL AIR SYSTEM

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 Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Iceman Cool Air System, manufactured and marketed by Knight Engineering, 45322 North Trevor Avenue, Lancaster, California 93534 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the Acura, Honda, Mitsubishi, American Motors, and Saturn vehicles listed in Exhibit A.

The Iceman Cool Air System includes the following main components: open-element cotton gauze reusable air filter, intake system tubing, assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Iceman Cool Air System will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Iceman Cool Air System, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Iceman Cool Air System using any identification other than that shown in this Executive Order or marketing of the Iceman Cool Air System for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the Iceman Cool Air System shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect the use of the Iceman Cool Air System may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emissions testing and examination of the On-Board Diagnostic II (OBD-II) system of the vehicle in the modified configuration. The emissions results, with the original equipment manufacturer's (GM's) deterioration factors applied, are shown below:

Raw	NMHC	CO	NOx	HCHO
Emission Level	0.069	0.929	0.265	0.000766
50k	NMOG	CO	NOx	HCHO
DF	1.000	2.072	1.599	1.000
Emission Level	0.070	1.9	0.4	0.000766
(w. DF applied)				
STD	0.125	3.4	0.4	0.015
100k	NMOG	CO	NOx	HCHO
DF	1.000	3.238	2.250	1.000
Emission Level	0.070	3.0	0.6	0.000766
(w. DF applied)				
STD	0.156	4.2	0.6	0.08

The test results for the Knight Engineering Iceman Cool Air System meet the criteria for exempting general criteria parts as specified in the "Procedures for Exemption of Add-On and Modified Parts". However, the ARB finds that reasonable grounds exist to believe that use of the Knight Engineering Iceman Cool Air System may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the CVS-75 Federal Test Procedure. 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 Knight Engineering Iceman Cool Air System adversely affects emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), 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 reason to suspect that the Iceman Cool Air System will affect the durability of the emission control system, Knight Engineering 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 part demonstrates adequate durability.

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 Title 13, California Code of Regulations, 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 KNIGHT ENGINEERING'S ICEMAN COOL AIR SYSTEM.

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 order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the 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 order may not be revoked until a determination after hearing that grounds for revocation exist.

Executed at El Monte, California, this 30th day of March 1998.



R. B. Summerfield, Chief
Mobile Source Operations Division

**EXHIBIT A
KNIGHT ENGINEERING
ICEMAN COOL AIR SYSTEM
VEHICLE APPLICATION AND PART NUMBERS**

Make	Model	Year	P/N
Acura	Integra LS/RS	'90-'93	ACI9093
Acura	Integra GSR	'94-'96	GSR9495
Acura	Integra	'94-'96	ACI9495
Honda	Accord	'94-'96	ACC9496
Honda	Civic Si	'88-'91	CRX8891
Honda	CRX	'88-'91	CRX8891
Honda	Civic	'92-'95	HON9295
Honda	Civic EX/HX	'96-'97	HON9697
Honda	Civic DelSol	'93-'95	HON9295
Honda	Prelude	'92-'95	PRE9295
AMC	Eagle Talon	'95-'96	ECL9596
Mitsubishi	Eclipse	'95-'96	ECL9596
Saturn	SOHC	'94-'97	SAT9197
Saturn	DOHC	'91-'97	SAT9197