

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-489-3

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Weapon-R Competition Products
Secret Weapon 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 Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Secret Weapon Intake Systems, produced and marketed by Weapon-R Competition Products, of 180 Sylvester Road, South San Francisco, California 94080, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the vehicles listed in the attached Exhibit A.

The Secret Weapon Intake Systems include the following main components: open-element reusable air filter, intake system tubing, assorted brackets, and hardware.

This Executive Order is valid provided that the installation instructions for the Secret Weapon Intake Systems 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 Secret Weapon Intake Systems, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

This Executive Order shall not apply to any Secret Weapon Intake System advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the Secret Weapon Intake Systems using any identification other than that shown in this Executive Order or marketing of the Secret Weapon Intake Systems for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Secret Weapon Intake Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (US06), and an examination of the On-Board Diagnostic II (OBD II) systems. A 2007 Chevy HHR with a 2.4 liter engine (7GMXV02.4029, LEV-II LEV) and 2007 Honda Civic with a 1.8 liter engine (7HNXV01.8MKR, LEV-II ULEV) were used for the evaluation of the Secret Weapon Intake Systems. Results from emissions testing conducted at Automotive Testing and Development Services, are shown below (in grams per mile):

2007 Honda Civic 1.8 liter

FTP	NMOG	CO	NOx	HCHO
50k (DF applied)	0.025	0.36	0.023	0.001
50k STD	0.040	1.7	0.05	0.008
120k (DF applied)	0.033	0.40	0.036	0.001
120k STD	0.055	2.1	0.07	0.011
US06	NMHC + NOx	CO		
Emission Level	0.035	0.46		
STD	0.14	8.0		

2007 Chevy HHR 2.4L liter

US06	NMHC + NOx	CO
Emission Level	0.012	3.3
STD	0.14	8.0

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the Secret Weapon Intake Systems do not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Secret Weapon Intake Systems meet the criteria for exempting general criteria parts.

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. Further, if test results or other evidence provides the ARB with reason to suspect that the Secret Weapon Intake Systems will affect the durability of emission control systems, Weapon-R Competition Products 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 part demonstrates 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 THE WEAPON-R COMPETITION PRODUCTS SECRET WEAPON 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 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 is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 24 day of August 2011.

A handwritten signature in black ink, appearing to read "Annette Hebert", with a long horizontal flourish extending to the right.

Annette Hebert, Chief
Mobile Source Operations Division

MFR	Model-Year	Model	part number
FORD	2005-2007	MUSTANG V6	307-171-101
FORD	2005-2006	Mustang GT V8 4.6L. (2005, excluding models manufactured prior to April 2005, equipped with HC adsorber, Ford intake part numbers 6R33-9C662-BJ (manual trans) or 6R33-9C662-CF (auto trans). 2006 no restriction.)	307-170-101
PONTIAC	2006-2007	SOLSTICE 2.4L * Ecotec *	307-174-101
SATURN	2006-2007	SKY 2.4L * Ecotec *	307-174-101
CHEVY	2006-2007	HHR	307-175-101
HONDA	2003-2007	ACCORD V6	301-147-101
HONDA	2006-2007	S2000 2.0 VTEC DOHC	301-157-101
HONDA	2006-2007	CIVIC SI ONLY	301-158-101
HONDA	2006-2007	CIVIC LX,DX, EX Coupe & Sedan	301-159-101
ACURA	2004-2007	TL 3.2L V6	301-146-101
HYUNDAI	2003-2007	TIBURON 4CYL	342-117-101
MITSUBISHI	2006-2007	ECLIPSE 2.4L 4 CYL MIVEC ONLY	303-125-101
INFINITY	2007	G35 V6 TWIN THROTTLE BODY	304-133-101
CHEVY	2005-2006	COBALT SS *SUPERCHARGED ONLY*	307-169-101
SATURN	2004-2006	ION RED LINE SUPERCHARGED	307-157-101
HYUNDAI	2003-2006	TIBURON V6	342-118-101
HYUNDAI	2003-2006	ELANTRA 4CYL	342-119-101
KIA	2004-2006	SORENTO 3.5L V6	346-111-101
MITSUBISHI	2004-2006	OUTLANDER / LANCER 4 CYL MIVEC ONLY	303-126-101
NISSAN	2002-2006	ALTIMA 3.5L	304-121-101
NISSAN	2005-2006	SENTRA 1.8L S	304-129-101
NISSAN	2002-2006	MAXIMA 3.5L	304-121-101
HONDA	2003-2005	PILOT V6	301-121-101
HONDA	2000-2005	S2000 2.0 VTEC DOHC	301-137-101
HONDA	2001-2005	CIVIC (coupe/sedan) EX / HX / LX / DX	301-140-101
MAZDA	2003-2005	MAZDASPEED PROTÉGÉ Turbo	302-129-101
MINI	2002-2005	COOPER TYPE S	308-118-101
MITSUBISHI	2000-2005	ECLIPSE 4 & 6 CYL	303-113-101
MITSUBISHI	2003-2005	LANCER EVOLUTION TURBO	303-123-101
SCION	2003-2005	XB	305-148-101
SCION	2003-2005	XA	305-149-101
CHEVY	2003-2004	CAVALIER 2.2L * ECOTEC ONLY *	307-141-101
FORD	2000-2003	FOCUS ZX3 DOHC 2.0L	307-121-101
CHEVY	1996-2003	CAVALIER 2.4L	307-111-101
PONTIAC	1996-2003	SUNFIRE 2.4L	307-111-101
ACURA	2001-2003	CL 3.2L TYPE-S	301-122-101
MAZDA	1999-2003	PROTÉGÉ 1.6L	302-130-101
MITSUBISHI	1999-2003	ECLIPSE SPYDER V6	303-121-101
MITSUBISHI	2003	OUTLANDER 4 CYL	303-120-101
CHEVY	2002	SUNFIRE 2.2L * ECOTEC ONLY *	307-146-101
CHEVY	2002	CAVALIER 2.2L * ECOTEC ONLY *	307-146-101
HONDA	1995-2002	ACCORD V6	301-121-101
HONDA	1998-2002	Accord 4 cyl. (excluding 2001 & 2002 LEV2 SULEV engine families 1HNXV02.3BF9 & 2HNXV02.3FK6)	301-120-101
MAZDA	1998-2002	626 V6	302-132-101

ACURA	1994-2001	INTEGRA NON-VTEC 1.8L	301-113-101
ACURA	1994-2001	INTEGRA VTEC GSR 1.8L	301-114-101
HONDA	1997-2001	CRV	301-113-101
HONDA	1997-2001	PRELUDE 4CYL	301-120-101
NISSAN	1993-2001	ALTIMA 4CYL	304-112-101
DODGE	1995-2000	AVENGER V6	307-140-101
HONDA	1996-2000	CIVIC DX / LX / CX	301-126-101
HONDA	1999-2000	CIVIC SI COUPE DOHC	301-145-101
HONDA	1999-2000	CIVIC EX / HX	301-127-101
NISSAN	1995-2000	MAXIMA V6	304-113-101
ACURA	1997-1999	ACURA CL V6	301-121-101
ACURA	1998-1999	ACURA CL 4CYL	301-120-101
MITSUBISHI	1995-1999	ECLIPSE NON-TURBO	303-112-101
MITSUBISHI	1995-1999	ECLIPSE SPYDER 4CYL 2.4L NON-TURBO	303-124-101
MITSUBISHI	1995-1999	AVENGER NON-TURBO	303-112-101
TOYOTA	1990-1999	CELICA	305-113-101
HONDA	1996-1998	CIVIC EX/ HX	301-125-101
HONDA	1998	ODYSSEY 4CYL	301-120-101
ACURA	1995-1998	TL 2.5L 5CYL	301-150-101
MAZDA	1993-1998	MX6 V6 2.5L	302-111-101
MAZDA	1993-1998	MX3 V6 1.8L	302-111-101
MAZDA	1993-1998	626 V6 2.5L	302-111-101
SUBARU	1998	FORESTER 2.5L	306-111-101
SUBARU	1995-1998	LEGACY 2.5L	306-111-101
SUBARU	1998	IMPREZA 2.5L	306-111-101
FORD	1993-1997	PROBE V6	307-119-101
CHEVY	1995-1997	CAVALIER 2.2L	307-112-101
PONTIAC	1995-1997	SUNFIRE 2.2L	307-112-101
ACURA	1997	CL 4CYL	301-119-101
HONDA	1994-1997	ACCORD 4CYL	301-119-101
HONDA	1995-1997	ODYSSEY 4CYL	301-119-101
TOYOTA	1992-1997	CAMRY 2.2L 4 CYL.	305-112-101
HONDA	1992-1996	PRELUDE	301-119-101
HONDA	1992-1995	CIVIC 1.6L	301-124-101
TOYOTA	1990-1995	MR2 Non-TURBO	305-119-101
MITSUBISHI	1989-1994	TALON N-TURBO 1.8L/2.0L	303-111-101
MITSUBISHI	1989-1994	ECLIPSE N-TURBO 1.8L/2.0L	303-111-101
MITSUBISHI	1989-1994	LASER N-TURBO 1.8L/2.0L	303-111-101
NISSAN	1991-1994	240SX 4 CYL 16V	304-115-101
HONDA	1988-1991	CIVIC 1.6L	301-123-101
TOYOTA	1985-1989	MR2 Non-SUPERCHARGED	305-130-101

EVALUATION SUMMARY

Manufacturer Name: Weapon-R Competition Products

Name of Device: Secret Weapon Intake Systems

Background:

Weapon-R Competition Products of 180 Sylvester Road, South San Francisco, California 94080, has applied for an exemption from the prohibitions in Section 27156 of the California Vehicle Code (VC) for the Secret Weapon Intake Systems designed for the vehicles listed in the attached Exhibit A.

Recommendation:

Grant exemption to Weapon-R Competition Products as requested, and issue Executive Order D-489-3.

Device Description:

The Secret Weapon Intake Systems are air intake systems specifically designed for installation on the vehicles listed in the attached Executive Order. The installation of the system does not require any major modifications to the stock motor, except for the modification of the factory air intake system to accommodate the Secret Weapon Intake System air filter and plumbing. The filter elements used in the Secret Weapon Intake Systems are open-element, reusable units, designed to be less restrictive than the stock air filter.

The Secret Weapon Intake Systems are intended to increase the vehicle's volumetric efficiency and power output at particular engine loads and throttle openings. At heavy engine loads and increased throttle openings, the airflow into the engine is increased because the Secret Weapon Intake Systems are less restrictive than stock air filters. This allows more air to enter the engine, which is compensated by the vehicle engine control module with an increase in fuel flow, resulting in a higher power output.

Discussion/Basis for the Recommendation:

This Executive Order is granted based on emission test results in the modified configuration using the Cold-Start CVS-75 Federal Test Procedure, Supplemental Federal Test Procedure (US06), and an examination of the On-Board Diagnostic II (OBD II) systems.

A 2007 Chevy HHR with a 2.4 liter engine (7GMXV02.4029, LEV-II LEV) and 2007 Honda Civic with a 1.8 liter engine (7HNXV01.8MKR, LEV-II ULEV) were used for the evaluation of the Secret Weapon Intake Systems. Results from emissions testing conducted at Automotive Testing and Development Services, are shown below (in grams per mile):

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FTP	NMOG	CO	NOx	HCHO
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2007 Chevy HHR 2.4L liter

US06	NMHC + NOx	CO
Emission Level	0.012	3.3
STD	0.14	8.0

The emission test results in the modified configuration were below the applicable certification standards. All OBD II system readiness indicators set in the modified configuration, and no diagnostic trouble codes were triggered. Therefore, based on the test results, the staff concludes that the Secret Weapon Intake Systems meet the requirements for a VC 27156 exemption for the vehicles listed in attached Exhibit A.