State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-344-10

Relating to Exemptions Under Section 27156
of the Vehicle Code

JACKSON RACING
SUPERCHARGER KIT

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 Supercharger Kit, manufactured and marketed by Jackson Racing, 7281 Westminster Avenue, Westminster, California, 92683 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 following Honda and Ford vehicle applications.

Application	Crank Pulley	Supercharger
1993-1997 Del Sol DOHC 1.6L	5.4"	4.0"
1993-1997 Del Sol SOHC 1.6L	6.16"	3.8"
1994-2001 Acura GSR 1.8L	5.63"	4.0"
2002/2003 2.0L Acura RSX, 2.0L Civic SI/SIR	6.00"	4.0"
2000-2003 Accord V6*	6.00"	4.0"
1997/98, 2000, 2001 Acura Type R 1.8L	5.20"	4.2"
1994-2001 Integra LS/RS/GS Non VTEC 1.8L	5.82"	3.2"
1988-1991 Civic Si/EX, CRX Si 1.6L	5.9"	3.4"
1992-1995 Civic Si/EX SOHC 1.6L	6.16"	3.8"
1996-2000 Civic DX/CX/LX	6.19"	4.0"
1996-1998 Civic EX 1.6L	6.19"	3.8"
1999/2000 Civic EX 1.6L	6.19"	3.8"
1999/2000 Civic Si DOHC 1.6L VTEC	5.40"	4.0"
1997-2001 Prelude 2.2L	6.06"	3.4"
1997-2003 CR-V 2.0L	6.45"	3.4"
1997-2003 Ford 2.0L Escort, Focus	Stock	3.0"
1997-2003 Ford 2.0L Focus SVT	Stock	3.6"
2001-2003 2.0L Ford Escape and Mazda Tribute	Stock	3.0"

*** 2003 Honda Accord, engine family 3HNXV03.0HB4, certified to the ULEV LEV II emission standards is excluded from this Executive Order.**

The Supercharger Kit for Honda vehicles includes an Eaton supercharger designed to give a maximum boost of 5 psi., a new fuel pressure regulator or modifications made to the stock fuel pressure regulator, and an intake manifold. All components installed on the original intake manifold are transferred to the new intake manifold including the throttle body and EGR valve. On Integra models, a vacuum switch valve used on the original intake manifold to switch from short to long intake runners is not utilized, the switch is secured away from the new intake manifold and electrically connected. The factory air filter box is retained.

The Supercharger Kit for Ford vehicles includes an Eaton supercharger designed to give a maximum boost of 6 psi at redline, and a new intake manifold. The factory air filter box is retained.

Changes made to the design or operating conditions of the Supercharger Kit, 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 Supercharger Kit 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 Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the Supercharger Kit 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 Supercharger Kit 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 Supercharger Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on emissions test data generated on a 2002 Ford Focus certified to the Ultra Low-Emission Vehicle (ULEV) emission standards and a 2002 Acura RSX certified to the Low-Emission Vehicle II (LEV II) emission standards. Emission levels of the modified vehicles met the applicable emission standards over the Cold-Start CVS-75 Federal Test Procedure (FTP) and the Supplemental Federal Test Procedure (US06/SC03) test cycles. Results are in grams per mile with deterioration factors added to CVS-75 results:

Focus	CVS-75				US06/SC03	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	0.040	1.7	0.2	0.008	0.14/0.20	8.0/2.7
Device	0.034	0.6	0.04	0.001	0.06/0.01	0.6/0.1

Acura RSX	CVS-75				US06/SC03	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	0.075	3.4	0.05	0.015	0.14/0.20	8.0/2.7
Device	0.045	0.8	0.04	0.001	0.06/0.05	1.6/0.4

This Executive Order is also based on an On-Board Diagnostic II (OBD II) test conducted on the same test vehicles. Test data showed that the supercharger when installed on the vehicles did not affect the vehicles' ability to perform their OBD II monitoring.

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 JACKSON RACING'S SUPERCHARGER KIT.

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 24TH day of February 2003.

Allen Lyons, Chief
Mobile Source Operations Division