

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-588

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Easy Street Motorsports, Inc.  
ESX2005 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 ESX2005 Kit, manufactured and marketed by Easy Street Motorsports, Inc., 11834 Vose Street, North Hollywood, California 91605, 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 2005 model year Subaru Impreza STi with a manual transmission.

The ESX2005 kit consists of the following main components: High flow fuel pump, intercooler, open element air filter with intake tubing, exhaust system downstream of the catalytic converter, reprogrammed ECU, and a turbocharger restrictor to delay the opening of the turbocharger waste gate. Maximum boost is raised from 17 to 19 pounds per square inch.

This Executive Order is valid provided that the installation instructions for the ESX2005 Kit will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the design or operating conditions of the ESX2005 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 ESX2005 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 ESX2005 Kit using any identification other than that shown in this Executive Order or marketing of the ESX2005 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.

This Executive Order does not constitute any opinion as to the effect the use of the ESX2005 Kit 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) system. A 2005 model year Subaru Impreza STi with a manual transmission (5FJXV02.5RGV, LEV, PC) was used for the evaluation of the ESX2005 Kit. Results from emissions testing conducted at Quantum Technologies, of Lake Forest, California, are shown below (in grams per mile):

		CVS-75				US06	
		NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards	50k	0.075	3.4	0.2	0.015	0.14	8.0
Device		0.047	0.8	0.07	0.000	0.08	3.1

The emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the ESX2005 Kit does not affect OBD II operation. Therefore, based on the test results, the staff concludes that the ESX2005 Kit meets the criteria for exempting general criteria parts.

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 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 THE ESX2005 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 20<sup>th</sup> day of April, 2005

  
Allen Lyons, Chief

Mobile Source Operations Division