

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-686-2

Relating to Exemptions Under Section 27156
of the California Vehicle Code

SMS Signature Cars
SMS 302NA 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 SMS 302NA Kit, manufactured and marketed by SMS Signature Cars, 2735 Wardlow Road, Corona, California 92882, 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 2011 to 2014 model year Ford Mustangs equipped with a 5.0L engine and a manual transmission only.

The SMS 302NA kit consists of the following main components: Replacement air filter cartridge and a new ECU calibration with no user adjustments.

This Executive Order is valid provided that the installation instructions for the SMS 302NA Kit 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 SMS 302NA 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 SMS 302NA 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 SMS 302NA Kit using any identification other than that shown in this Executive Order or marketing of the SMS 302NA 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 SMS 302NA Kit may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on prior submitted emission test data, generated in support of Executive Order D-686-1, on a 2011 model year 5.0L Ford Mustang modified with the SMS 302NA Kit. Test results showed that emission levels, with the SMS 302NA Kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP-US06) test cycle. Examination of the OBD II system showed that the device did not affect OBD II system operation. Results from emissions testing conducted at Quantum Technologies, located in Lake Forest, California are shown below (in grams per mile).

Quantum Technologies

	CVS-75 FTP				SFTP US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards*	0.070	2.1	0.04	0.011	0.14	8.0
Device w/df	0.056	1.6	0.02	0.000	0.04	1.2

*USEPA Bin 4, Counted as LEV II ULEV, CVS-75 FTP emissions standards, useful life.

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 SMS 302NA 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 5th day of July 2013.


Erik White, Chief
for Mobile Source Operations Division