State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-418-16

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Roush Industries
SVT Mustang Supercharger Upgrade 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 SVT Mustang Supercharger Upgrade Kit, manufactured by Roush Industries of 777 Republic Drive, Allen Park, Michigan 48101, and marketed by Roush Industries and Ford Racing, 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 2007 to 2009 model year Ford Shelby GT500 5.4L supercharged Mustangs.

The SVT Mustang Supercharger Upgrade Kit (part numbers M-6066-SGT and M-6066-SGTP) includes an Eaton roots type axial flow supercharger assembly, open element air filter with intake air tubing, recalibrated stock mass air flow sensor, and a new ECM calibration. Maximum boost produced by the supercharger is 15 pounds per square inch using a 72 mm diameter pulley and the stock crankshaft pulley or 14.49 pounds per square inch using a 76 mm diameter pulley and the stock crankshaft pulley. Installation requires the removal of the stock supercharger.

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

This Executive Order is granted based on submitted emission test data generated on a 2007 model year 5.4L Ford Shelby GT500 Mustang certified to the Low Emission Vehicle II Low Emission Vehicle (LEV II LEV) emission standards. Test results on the Shelby GT500 showed that emission levels, with Roush Industries' SVT Mustang Supercharger Upgrade Kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) and the Supplemental Federal Test Procedure (SFTP US06/SC03) test cycles. Examination of the OBD II system showed the SVT Mustang Supercharger Upgrade Kit did not affect OBD II system operation. Results from emission testing conducted at the Roush Emissions Laboratory, Livonia, Michigan are listed below with deterioration factors applied.

2007 model year Ford Shelby GT500	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards	0.075	3.4	0.05	0.015
Device Test	0.043	0.9	0.03	0.001

	US06/SC03	
	NMHC+NOx	CO
Standards 4k	0.14/0.20	8.0/2.7
Device	0.05/0.02	1.3/0.7

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 ROUSH INDUSTRIES' SVT MUSTANG SUPERCHARGER UPGRADE 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 30 day of September 2008.

Annette Hebert, Chief
Mobile Source Operations Division