CALIFORNIA
AIR RESOURCES BOARD

EXECUTIVE ORDER D-418-41

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Roush Performance Products
Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits

Pursuant to the authority vested in the California 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-19-095;

IT IS ORDERED AND RESOLVED: That installation of the Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits, manufactured by Roush Performance Products, 28208 Plymouth Road, Suite S, Livonia, Michigan 48150, and marketed by Roush Performance Products and Ford Motor Company, 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 vehicle applications listed in Exhibit A.

The Roushcharger Phase 1 and Phase 2 Kits consists of the following main components: Roots type axial flow supercharger assembly with 80mm diameter pulley and bypass valve, air to water intercooler with auxiliary low temperature radiator, intake manifold, reflashed ECM without user adjustments, 87 mm throttle body, high flow fuel injectors and rails, new air box with stock hydrocarbon paper heat staked in a stock location and orientation, conical air filter element, MAP sensor, and a crankshaft pulley the same size as stock (required for 2020 and 2021 model years and optional for 2018-2019). The breather hose may be replaced with an SAE30R9 rated hose. All supplied fuel hoses are either Avon's CADbar 9000 series or a stock factory replacement, and fuel and vapor line connectors are OEM equivalent parts. Boost is limited to a maximum of 12 psi. The stock fuel pump and radiator thermostat are retained during installation. The difference between the Roushcharger Phase 1 and Phase 2 Kits is the ECM calibration.

The Roushcharger Phase 1 to Phase 2 Upgrade Kit is a new ECM calibration that is installed in a vehicle that already has a Phase 1 kit installed to convert it into a Phase 2 kit.

This Executive Order is valid provided that the installation instructions for the Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits will not recommend tuning the vehicle to specifications different from those specified by Roush Performance Products.

Changes made to the design or operating conditions of the Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits, as exempted by the California Air Resources Board, that adversely affect the performance of the vehicle's emission control system shall invalidate this Executive Order.

This Executive Order shall not apply to any Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits 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 Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits using any identification other than those shown in this Executive Order or marketing of the Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits may have on any warranty either expressed or implied by the vehicle manufacturer.

Exemption of the Roushcharger Phase 1, Phase 2, and Phase 1 to Phase 2 Upgrade Kits shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order is granted based on information submitted by Roush Performance Products, including emissions test data.

The California 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 CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE ROUSHCHARGER PHASE 1, PHASE 2, AND PHASE 1 TO PHASE 2 UPGRADE KITS.

No claim of any kind, such as "Approved by the California 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 on this 8th day of July 2021.

Allen Lyons, Chief
Emissions Certification and Compliance Division

Exhibit A

Kits marketed by Roush Performance Products

Part Number	Model Year	Make	Model	Engine	Kit Description
422090	2018 to 2021	Ford	Mustang	5.0L	Phase 1
422184	2018 to 2021	Ford	Mustang	5.0L	Phase 2
422185	2018 to 2021	Ford	Mustang	5.0L	Phase 1 to Phase 2 Upgrade Kit

Kits marketed by Ford Motor Company

Part Number	Model Year	Make	Model	Engine	Kit Description
M-6066-M8	2018 to 2021	Ford	Mustang	5.0L	Phase 2