CALIFORNIA AIR RESOURCES BOARD

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EXECUTIVE ORDER K-013

Relating to Exemptions of Aftermarket Critical Emission Control Parts for Highway Motorcycles under Sections 27156 and 38391 of the Vehicle Code

Cobra Engineering, Inc.
NH50 Exhaust System

WHEREAS, Pursuant to the authority vested in the California Air Resources Board (CARB) by Sections 27156 and 38391of the Vehicle Code and Title 13, California Code of Regulations (hereafter "CCR") Section 2222(j); and

WHEREAS, Cobra Engineering, Inc. (Cobra Engineering) has applied to CARB for an exemption from the prohibitions of Vehicle Code sections 27156 and 38391 to market its NH50 Exhaust System for 2017 to 2021 model-year (MY) Harley-Davidson Touring model on-highway motorcycles; and

WHEREAS, 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 the installation of the NH50 Exhaust System manufacturer and marketed by Cobra Engineering, 23801 East La Palma Avenue, Yorba Linda, California, 92887 has been found not to reduce the effectiveness of the applicable vehicle pollution control systems or to cause the vehicle emissions to exceed applicable emission standards, and is therefore exempt from the prohibitions of Sections 27156 and 38391of the Vehicle Code for the 2017 to 2021 MY Harley Davidson Touring Models on-highway motorcycles as listed in Exhibit A.

The Cobra Engineering NH50 Exhaust System is designed to work with the stock motorcycle's electronic control module and sensors in a closed-loop system that decreases restrictions in the exhaust system to maximize vehicle performance and efficiency. All other emission-related components are in stock location.

This Executive Order is granted based on the test results on a 2019 MY Harley-Davidson Road Glide Ultra (FLTRU) model 1868cc with engine family KHDXC1.92AEF. The test results showed that the Cobra Engineering NH50 Exhaust System when installed on the vehicle, did not cause the exhaust emissions to exceed the applicable emission standards during the Cold Start Federal Test Procedure.

BE IT FURTHER RESOLVED: That Cobra Engineering has submitted materials demonstrating compliance with the emissions defects warranty requirements of section (c)(2) of the "California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles."

BE IT FURTHER RESOLVED: That Cobra Engineering must permanently identify its exempted aftermarket critical emission control part by direct stamping or welded embossed plate as required under section (c)(3) of the "California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles."

BE IT FURTHER RESOLVED: That Cobra Engineering must retain records as required by section (c)(2)(D) of the "California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles," and to report warranty claim records for each part covered by this Executive Order, as required by section (c)(6) of said procedures.

BE IT FURTHER RESOLVED: That Cobra Engineering must submit production reports for the exempted aftermarket critical emission control part as required by section (c)(5)(A) of the "California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles."

BE IT FURTHER RESOLVED: That Cobra Engineering may be subjected to inspection and audit testing pursuant to section (c)(5)(B) of the "California Evaluation Procedures for Aftermarket Critical Emission Control Parts on Highway Motorcycles."

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

Changes made to the design or operating conditions of the devices, as exempted by CARB, that adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of these devices using any identification other than that shown in this Executive Order or marketing of this device for an application other than those specified in this Executive Order shall be prohibited unless prior approval is obtained from CARB.

This Executive Order does not constitute any opinion as to the effect the use of the NH50 may have on any warranty, either expressed or implied by the vehicle manufacturer; or compliance with any other state, federal, or local law, such as safety equipment requirements or noise limitations.

The aftermarket critical emission control part exempted under this Executive Order must conform to all applicable California emission regulations. This exemption does not constitute an exemption to sell, offer for sale, or advertise any components of the NH50 Exhaust System as individual device.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-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 30 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 27th day of April 2022.

Allen Lyons, Chief
Emissions Certification and Compliance

Part Name (Number)	Models	Engine Family	Engine Fitment	Engine Size (cc)
NH50 (60-1000 60-1000B 60-1010 60-1010B 60-1020 60-1020B 60-1030 60-1030B)	2017-2021 Harley-Davidson touring models (Excluding Trikes)	HHDXC1.75AED HHDXC1.87AEF JHDXC1.75AED JHDXC1.92AED JHDXC1.92AEF KHDXC1.75AED KHDXC1.92AED KHDXC1.92AEF LHDXC1.75AED LHDXC1.92AED LHDXC1.92AEF MHDXC1.87AED MHDXC1.92AED MHDXC1.92AEF	CVO Road Glide, CVO Road Glide Stage 1, CVO Street Glide, CVO Street Glide Stage 1, CVO Ultra Limited, CVO Ultra Limited Anniversary, CVO Ultra Limited Stage 1, Electra Glide Standard, Electra Glide Standard Stage 1, Electra Glide Ultra Classic, Electra Glide Ultra Classic Stage 1, Electra Glide Ultra Limited Low, Electra Glide Ultra Limited Low Stage 1, Police Electra Glide, Police Electra Glide Stage 1, Police Road King, Police Road King Stage 1, Revival, Road Glide, Road Glide Limited, Road Glide Limited Stage 1, Road Glide Special, Road Glide Special Stage 1, Road Glide Stage 1, Road Glide Ultra, Road Glide Ultra Stage 1, Road King, Road King Special, Road King Special Stage 1, Road King Stage 1, Street Glide, Street Glide Anniversary, Street Glide Anniversary Special, Street Glide Special, Street Glide Special Stage 1, Street Glide Stage 1, Ultra Limited, Ultra Limited Anniversary, Ultra Limited Shrine Edition, Ultra Limited Shrine Edition Stage 1, Ultra Limited Stage 1	1746cc 1688cc 1802cc